Building knowledge

# Job Order Contract Construction Task Catalog®

Book 1 CSI Divisions 01 - 43 April 2022

## City of Kirkland

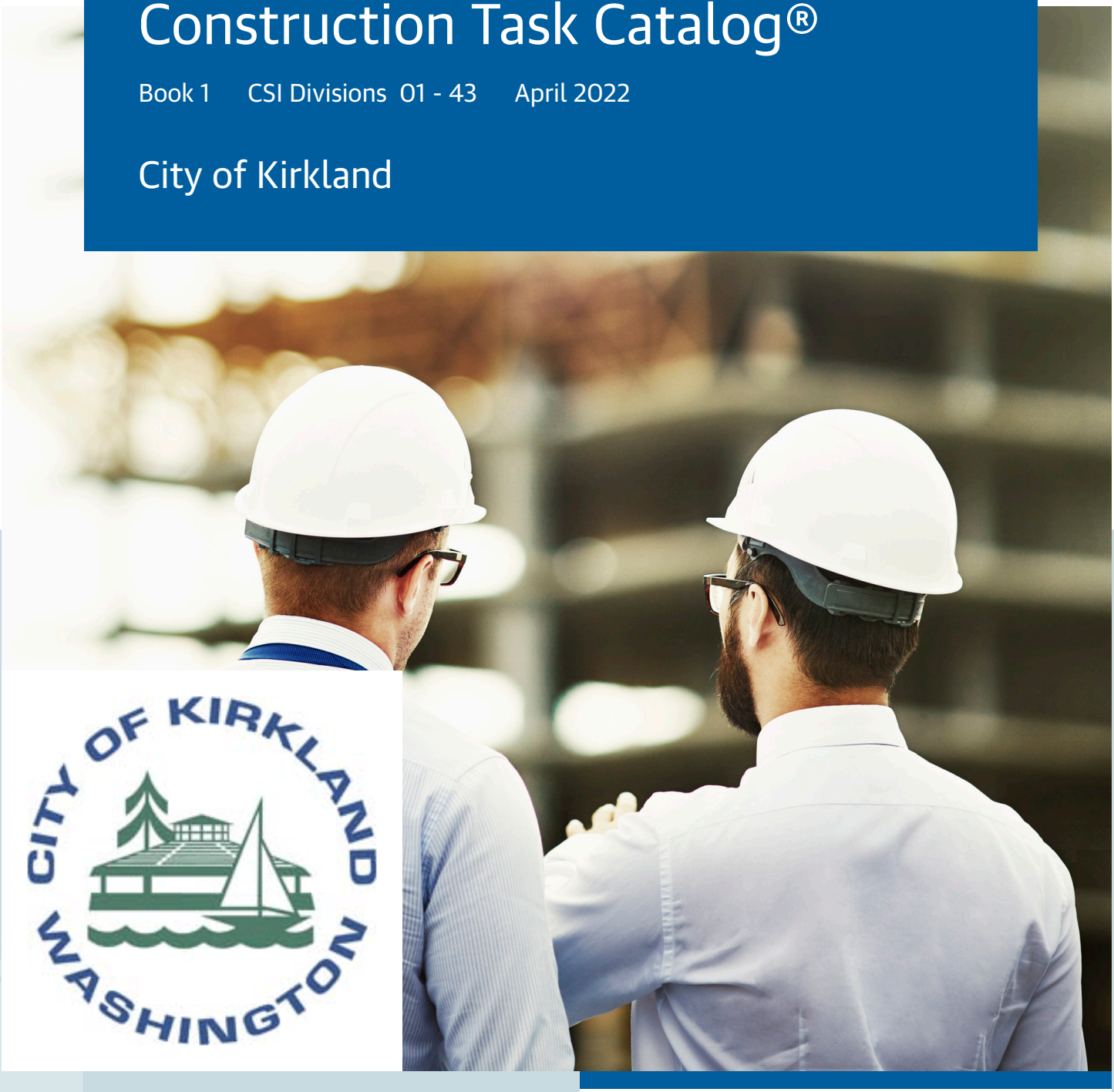

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## CTC Information:

- ☑ This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **City of Kirkland**, priced locally using current labor, material and equipment costs, and published in April 2022.
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## *MasterFormat™*

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## The Unit Prices Include:

### LABOR COSTS:

- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.
- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.
- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.

### EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the task. Mobilization is included for all equipment except large equipment (e.g. cranes, pile drivers, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

### MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

## Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the contractor will be paid for such crane or lifting equipment as a separate task.


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- ☑ Unit prices for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

## Demolition:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The description "replace" includes the demolition of the existing item and the installation of the new item.
- ☑ The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- ☑ The description "reinstall" includes the cleaning and installation of the existing item.
- ☑ Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

## The Adjustment Factors Include:

### BUSINESS COSTS:

- ☑ Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
  - home office overhead
  - insurance, bonds, and indemnification
  - project meetings, training, management and supervision
  - mobilization and close-out for the contract and each Job Order and
  - project office staff and equipment.
- ☑ Profit.
- ☑ Subcontractor's overhead and profit.
- ☑ All taxes for which a waiver is not available with the exception of the Washington Sales Taxes which will not be part of the adjustment factor(s) but rather a separate line item on each Job Order. However the

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use tax on materials for WAC 458-20-171 projects shall be part of the adjustment factor(s).

- ☑ Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
- ☑ Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

## CONSTRUCTION RELATED COSTS:

- ☑ Services required to obtain filings and permits.
- ☑ Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Office trailer and portable toilets for Contractor's use.
- ☑ Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- ☑ Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- ☑ Personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.), basic safety and warning signage, railings, minor barricades, tape, roping, cable, markings, cones; including traffic control cones, barrels and basic traffic sign, etc.
- ☑ Meeting Owner security requirements.
- ☑ Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
- ☑ Sealing, windows, and openings with plastic to contain construction dust and debris within the work area.
- ☑ Daily clean-up.
- ☑ Final professional project clean-up.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Costs resulting from productivity loss.
- ☑ Differences in project size; complexity and location.
- ☑ All costs for other than discreet items of work specifically required to complete a particular Job Order.

## PRICE VARIATIONS:

- ☑ Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- ☑ While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to review and analyze the unit prices, and to calculate their Adjustment Factors accordingly, prior to bidding.


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## General Costs:

- ☑ This list is not exhaustive and is intended to provide general examples of cost items to be included in the Contractor's Adjustment Factor as defined in the Contract.
- ☑ The only compensation to be paid to a Contractor for the unit price tasks will be:

| Published Unit Price | X | Installation (or Demolition) Quantity | X | Appropriate Adjustment Factor |
|---|---|---|---|---|

- ☑ No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

# General Interpretations:

## Working Height:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

## Field Engineering:

- ☑ Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical controls. If the Owner provides horizontal and vertical control points within or adjacent to the project site, any other surveying required to complete the work is considered construction staking or layout and the cost thereof is included in the appropriate task.

## Assemblies:

- ☑ Assembly unit prices take precedence over individual component pricing.

## Testing:

- ☑ Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

## Miscellaneous:

- ☑ For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- ☑ Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.

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- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.
- ☑ Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

## SPECIFICATIONS:

- ☑ Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

# Useful Information:

## UNIT OF MEASURE DEFINITIONS:

**ACR** – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year


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## MATERIAL WEIGHTS:

### EARTHEN MATERIAL

☑ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

| | Material Weight (Lbs Per CY) | | |
|---|---|---|---|
| Material | In-place (Bank) | Loose (Excavated Materials) | Compacted |
| Earth, Common (Average) | 3170 | 2536 | 3520 |
| Sand | 2880 | 2590 | 3240 |
| Earth, Rock Mix. (75% E/ 25% R) | 3380 | 2370 | 3720 |
| Earth, Rock Mix. (50% E/50% R) | 3750 | 2710 | 4000 |
| Earth, Rock Mix. (25% E/ 75% R) | 4120 | 3140 | 3680 |
| Gravel (Average) | 3280 | 2730 | 3570 |
| Limestone | 4380 | 2690 | 3220 |
| Riprap Rock (Average) | 4500 | 2610 | 3150 |
| Granite | 4540 | 2640 | 3170 |
| Basalt | 4950 | 3020 | 3640 |
| Clay | 3220 | 2150 | 3570 |
| Gneiss | 4550 | 2720 | 3180 |

## BULK FACTORS FOR DEMOLITION:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

## CONVERSIONS:

**1 Acre =** 43,560 Square Feet = 4046.8 Square Meters

**1 Board Foot =** 12” x 12” x 1” = 144 Cubic Inches

**1 Centimeter =** 0.3937 Inches = 0.0328 Feet

**1 Cubic Foot =** 0.03704 Cubic Yards = 0.02832 Cubic Meters

**1 Cubic Meter =** 1.3080 Cubic Yards = 35.3147 Cubic Feet

**1 Cubic Yard =** 27 Cubic Feet = 0.7646 Cubic Meters

**1 Foot =** 12 Inches = 0.3048 Meters

**1 Inch =** 2.54 Centimeters = 0.0254 Meters

**1 Kilogram =** 2.2046 Pounds

**1 Kilometer =** 0.6214 Miles = 3280 Feet

**1 Meter =** 100 Centimeters = 3.2808 Feet

**1 Mile =** 5280 Feet = 1.6093 Kilometers

**1 Pound =** 0.4536 Kilograms

**1 Square Foot =** 144 Square Inches = .0929 Square Meters

**1 Square Meter =** 1.1960 Square Yards = 10.7639 Square Feet

**1 Square Yard =** 9 Square Feet = 0.8361 Square Meters

**1 Ton =** 2000 Pounds = 907.185 Kilograms

**1 Yard =** 3 Feet = 0.9144 Meters

| Sheet Metal Thickness (inches) | | | | |
|---|---|---|---|---|
| Gage No. | Steel Sheet | Galvanized Steel Sheet | Stainless Steel Sheet | Aluminum Sheet |
| 10 | .135 | .138 | .141 | |
| 11 | .120 | .123 | .125 | |
| 12 | .105 | .108 | .109 | |
| 13 | .090 | .093 | .094 | .072 |
| 14 | .075 | .079 | .078 | .064 |
| 15 | .067 | .071 | .070 | .057 |
| 16 | .060 | .064 | .063 | .051 |
| 17 | .054 | .058 | .056 | .045 |
| 18 | .048 | .052 | .050 | .040 |
| 19 | .042 | .046 | .044 | .036 |
| 20 | .036 | .040 | .038 | .032 |
| 21 | .033 | .037 | .034 | .028 |
| 22 | .030 | .034 | .031 | .025 |
| 23 | .027 | .031 | .028 | .023 |
| 24 | .024 | .028 | .025 | .020 |
| 25 | .021 | .025 | .022 | .018 |
| 26 | .018 | .022 | .019 | .017 |

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## STANDARD GEOMETRY:

**Circle**

- Circumference = 2 π radius = π diameter
- Area = π radius$^2$ = π (diameter$^2$ / 4)

**Cylinder**

- Volume = (π radius$^2$)height
- Surface Area = 2 π radius$^2$+(2 π radius)height

**Sphere**

- Volume = (4 π radius$^3$) / 3
- Surface Area = 4 π radius$^2$

**π = 3.14159**

**United Inch**

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

## TRADEMARKS

☑ Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 01 General Requirements

## 01 20 Price and Payment Procedures *(01)*

### 01 22 Unit Prices *(01 20)*

#### 01 22 16 Unit Price Payment *(01 22)*

01 22 16 00-0001 Reimbursable Fees *(01 22 16)*

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

| | | | | |
|---|---|---|---|---|
| 01 22 16 00-0002 | EA | Reimbursable Fees<br>Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal. | 1.00 | |

#### 01 22 20 Wage Rates *(01 22)*

01 22 20 00-0001 Local Labor/Wage Rates *(01 22 20)*

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

| | | | | |
|---|---|---|---|---|
| 01 22 20 00-0002 | HR | Asbestos Removal Worker<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 69.59 | |
| 01 22 20 00-0003 | HR | Insulator<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 101.30 | |
| 01 22 20 00-0004 | HR | Boilermaker<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 84.31 | |
| 01 22 20 00-0005 | HR | Brick Layer<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 76.54 | |
| 01 22 20 00-0006 | HR | Carpenter<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 84.62 | |
| 01 22 20 00-0007 | HR | Carpet, Linoleum<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 84.62 | |
| 01 22 20 00-0008 | HR | Cement Mason<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 83.17 | |
| 01 22 20 00-0009 | HR | Drywall Finisher<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 60.81 | |
| 01 22 20 00-0010 | HR | Electrician<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 109.22 | |
| 01 22 20 00-0011 | HR | Equipment Operator, Heavy (Crane)<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 93.53 | |
| 01 22 20 00-0012 | HR | Equipment Operator, Medium (Bulldozer)<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 92.06 | |
| 01 22 20 00-0013 | HR | Equipment Operator, Light (Backhoe, Skid-Steer Loader)<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 92.31 | |
| 01 22 20 00-0014 | HR | Glazier<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 90.79 | |
| 01 22 20 00-0015 | HR | Laborer<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 68.18 | |
| 01 22 20 00-0016 | HR | Lather<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 84.22 | |
| 01 22 20 00-0017 | HR | Class III Diver Tender<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 90.72 | |
| 01 22 20 00-0018 | HR | Plasterer<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 84.25 | |
| 01 22 20 00-0019 | HR | Steam / Pipe Fitter<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 114.72 | |
| 01 22 20 00-0020 | HR | Sprinkler Installer<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 107.13 | |
| 01 22 20 00-0021 | HR | Marble Setter<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 76.54 | |
| 01 22 20 00-0022 | HR | Millwright<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 84.81 | |
| 01 22 20 00-0023 | HR | Painter, Ordinary<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 60.81 | |
| 01 22 20 00-0024 | HR | Painter, Structural Steel<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 61.11 | |
| 01 22 20 00-0025 | HR | Paperhanger<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 60.81 | |
| 01 22 20 00-0026 | HR | Pile Drivers<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 86.48 | |
| 01 22 20 00-0027 | HR | Plumber<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 114.72 | |
| 01 22 20 00-0028 | HR | Powderman<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 89.61 | |
| 01 22 20 00-0029 | HR | Rodman (Reinforcing)/Ornamental Steel Worker<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 94.98 | |
| 01 22 20 00-0030 | HR | Roofer, Composite<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 75.85 | |
| 01 22 20 00-0031 | HR | Roofer, Tile/Slate<br>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. | 75.85 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0015 | WK | 110' Engine Powered, Telescoping Boom Man Lift With Platform | 4,325.27 | |
| | | *For Four-Wheel Drive, Add* | *973.19* | |
| 01 22 23 00-0016 | MO | 110' Engine Powered, Telescoping Boom Man Lift With Platform | 10,777.54 | |
| | | *For Four-Wheel Drive, Add* | *2,424.95* | |
| 01 22 23 00-0017 | DAY | 120' Engine Powered, Telescoping Boom Man Lift With Platform | 2,188.30 | |
| | | *For Four-Wheel Drive, Add* | *492.37* | |
| 01 22 23 00-0018 | WK | 120' Engine Powered, Telescoping Boom Man Lift With Platform | 5,581.22 | |
| | | *For Four-Wheel Drive, Add* | *1,255.77* | |
| 01 22 23 00-0019 | MO | 120' Engine Powered, Telescoping Boom Man Lift With Platform | 12,687.84 | |
| | | *For Four-Wheel Drive, Add* | *2,854.76* | |

### 01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0002)*

### 01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0022 | DAY | 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 394.76 | |
| 01 22 23 00-0023 | WK | 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 990.50 | |
| 01 22 23 00-0024 | MO | 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 2,382.93 | |
| 01 22 23 00-0025 | DAY | 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 502.42 | |
| 01 22 23 00-0026 | WK | 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 1,098.16 | |
| 01 22 23 00-0027 | MO | 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 2,726.01 | |
| 01 22 23 00-0028 | DAY | 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 645.98 | |
| 01 22 23 00-0029 | WK | 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 1,492.92 | |
| 01 22 23 00-0030 | MO | 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 3,337.54 | |
| 01 22 23 00-0031 | DAY | 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 1,126.87 | |
| 01 22 23 00-0032 | WK | 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 2,655.68 | |
| 01 22 23 00-0033 | MO | 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 6,458.31 | |
| 01 22 23 00-0034 | DAY | 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 2,189.14 | |
| 01 22 23 00-0035 | WK | 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 5,167.80 | |
| 01 22 23 00-0036 | MO | 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform | 12,632.40 | |

### 01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: For use on paved surfaces.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0038 | DAY | 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 394.76 | |
| 01 22 23 00-0039 | WK | 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 990.50 | |
| 01 22 23 00-0040 | MO | 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 2,382.93 | |
| 01 22 23 00-0041 | DAY | 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 394.76 | |
| 01 22 23 00-0042 | WK | 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 990.50 | |
| 01 22 23 00-0043 | MO | 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 2,382.93 | |
| 01 22 23 00-0044 | DAY | 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 488.07 | |
| 01 22 23 00-0045 | WK | 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 1,055.09 | |
| 01 22 23 00-0046 | MO | 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 2,619.79 | |
| 01 22 23 00-0047 | DAY | 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 488.07 | |
| 01 22 23 00-0048 | WK | 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 1,055.09 | |
| 01 22 23 00-0049 | MO | 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform | 2,619.79 | |

### 01 22 23 00-0050 Platform Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

### 01 22 23 00-0051 Electric, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: For use on paved surfaces.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0052 | DAY | 17' Electric, Scissor Platform Lift | 179.89 | |
| 01 22 23 00-0053 | WK | 17' Electric, Scissor Platform Lift | 359.79 | |
| 01 22 23 00-0054 | MO | 17' Electric, Scissor Platform Lift | 735.93 | |
| 01 22 23 00-0055 | DAY | 20' Electric, Scissor Platform Lift | 196.25 | |
| 01 22 23 00-0056 | WK | 20' Electric, Scissor Platform Lift | 392.50 | |
| 01 22 23 00-0057 | MO | 20' Electric, Scissor Platform Lift | 784.99 | |
| 01 22 23 00-0058 | DAY | 25' Electric, Scissor Platform Lift | 253.49 | |
| 01 22 23 00-0059 | WK | 25' Electric, Scissor Platform Lift | 506.97 | |
| 01 22 23 00-0060 | MO | 25' Electric, Scissor Platform Lift | 1,087.54 | |
| 01 22 23 00-0061 | DAY | 30' Electric, Scissor Platform Lift | 327.08 | |
| 01 22 23 00-0062 | WK | 30' Electric, Scissor Platform Lift | 645.98 | |
| 01 22 23 00-0063 | MO | 30' Electric, Scissor Platform Lift | 1,430.98 | |
| 01 22 23 00-0064 | DAY | 33' Electric, Scissor Platform Lift | 351.61 | |
| 01 22 23 00-0065 | WK | 33' Electric, Scissor Platform Lift | 686.87 | |
| 01 22 23 00-0066 | MO | 33' Electric, Scissor Platform Lift | 1,553.63 | |
| 01 22 23 00-0067 | DAY | 40' Electric, Scissor Platform Lift | 457.91 | |
| 01 22 23 00-0068 | WK | 40' Electric, Scissor Platform Lift | 1,136.60 | |
| 01 22 23 00-0069 | MO | 40' Electric, Scissor Platform Lift | 3,164.50 | |

### 01 22 23 00-0070 Engine Powered, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0071 | DAY | 25' Engine Powered, Scissor Platform Lift | 406.71 | |
| | | *For Four-Wheel Drive, Add* | *81.34* | |
| 01 22 23 00-0072 | WK | 25' Engine Powered, Scissor Platform Lift | 795.34 | |
| | | *For Four-Wheel Drive, Add* | *159.07* | |
| 01 22 23 00-0073 | MO | 25' Engine Powered, Scissor Platform Lift | 1,943.17 | |
| | | *For Four-Wheel Drive, Add* | *388.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0074 | DAY | 33' Engine Powered, Scissor Platform Lift | 415.75 | |
| | | *For Four-Wheel Drive, Add* | *83.15* | |
| 01 22 23 00-0075 | WK | 33' Engine Powered, Scissor Platform Lift | 948.99 | |
| | | *For Four-Wheel Drive, Add* | *189.80* | |
| 01 22 23 00-0076 | MO | 33' Engine Powered, Scissor Platform Lift | 2,078.74 | |
| | | *For Four-Wheel Drive, Add* | *415.75* | |
| 01 22 23 00-0077 | DAY | 40' Engine Powered, Scissor Platform Lift | 460.94 | |
| | | *For Four-Wheel Drive, Add* | *92.19* | |
| 01 22 23 00-0078 | WK | 40' Engine Powered, Scissor Platform Lift | 1,057.45 | |
| | | *For Four-Wheel Drive, Add* | *211.49* | |
| 01 22 23 00-0079 | MO | 40' Engine Powered, Scissor Platform Lift | 2,349.88 | |
| | | *For Four-Wheel Drive, Add* | *469.98* | |
| 01 22 23 00-0080 | DAY | 43' Engine Powered, Scissor Platform Lift | 488.05 | |
| | | *For Four-Wheel Drive, Add* | *97.61* | |
| 01 22 23 00-0081 | WK | 43' Engine Powered, Scissor Platform Lift | 1,138.79 | |
| | | *For Four-Wheel Drive, Add* | *227.76* | |
| 01 22 23 00-0082 | MO | 43' Engine Powered, Scissor Platform Lift | 2,801.78 | |
| | | *For Four-Wheel Drive, Add* | *560.36* | |
| 01 22 23 00-0083 | DAY | 50' Engine Powered, Scissor Platform Lift | 912.84 | |
| | | *For Four-Wheel Drive, Add* | *182.57* | |
| 01 22 23 00-0084 | WK | 50' Engine Powered, Scissor Platform Lift | 2,006.44 | |
| | | *For Four-Wheel Drive, Add* | *401.29* | |
| 01 22 23 00-0085 | MO | 50' Engine Powered, Scissor Platform Lift | 4,934.75 | |
| | | *For Four-Wheel Drive, Add* | *986.95* | |

## 01 22 23 00-0086 Personnel Lifts *(01 22 23 00-0001)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0087 | DAY | 24', Push-Type, Electric Single Man Personnel Lift | 127.20 | |
| 01 22 23 00-0088 | WK | 24', Push-Type, Electric Single Man Personnel Lift | 360.39 | |
| 01 22 23 00-0089 | MO | 24', Push-Type, Electric Single Man Personnel Lift | 727.85 | |
| 01 22 23 00-0090 | DAY | 30', Push-Type, Electric Single Man Personnel Lift | 176.66 | |
| 01 22 23 00-0091 | WK | 30', Push-Type, Electric Single Man Personnel Lift | 374.52 | |
| 01 22 23 00-0092 | MO | 30', Push-Type, Electric Single Man Personnel Lift | 1,271.97 | |
| 01 22 23 00-0093 | DAY | 36', Push-Type, Electric Single Man Personnel Lift | 296.79 | |
| 01 22 23 00-0094 | WK | 36', Push-Type, Electric Single Man Personnel Lift | 720.78 | |
| 01 22 23 00-0095 | MO | 36', Push-Type, Electric Single Man Personnel Lift | 2,105.82 | |
| 01 22 23 00-0096 | DAY | 40', Push-Type, Electric Single Man Personnel Lift | 317.99 | |
| 01 22 23 00-0097 | WK | 40', Push-Type, Electric Single Man Personnel Lift | 791.45 | |
| 01 22 23 00-0098 | MO | 40', Push-Type, Electric Single Man Personnel Lift | 2,381.41 | |
| 01 22 23 00-0099 | DAY | 15', Self-Propelled, Electric Single Man Personnel Lift | 169.60 | |
| 01 22 23 00-0100 | WK | 15', Self-Propelled, Electric Single Man Personnel Lift | 339.19 | |
| 01 22 23 00-0101 | MO | 15', Self-Propelled, Electric Single Man Personnel Lift | 678.38 | |
| 01 22 23 00-0102 | DAY | 20', Self-Propelled, Electric Single Man Personnel Lift | 169.60 | |
| 01 22 23 00-0103 | WK | 20', Self-Propelled, Electric Single Man Personnel Lift | 339.19 | |
| 01 22 23 00-0104 | MO | 20', Self-Propelled, Electric Single Man Personnel Lift | 705.24 | |

## 01 22 23 00-0105 Bucket Trucks *(01 22 23 00-0001)*

Note: Includes full-time operator, delivery, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0106 | DAY | 29' Bucket Truck With Full-Time Operator | 1,252.43 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-0107 | WK | 29' Bucket Truck With Full-Time Operator | 5,127.81 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-0108 | MO | 29' Bucket Truck With Full-Time Operator | 19,178.46 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-0109 | DAY | 38' Bucket Truck With Full-Time Operator | 1,324.61 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-0110 | WK | 38' Bucket Truck With Full-Time Operator | 5,359.83 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-0111 | MO | 38' Bucket Truck With Full-Time Operator | 19,797.18 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-0112 | DAY | 48' Bucket Truck With Full-Time Operator | 1,510.23 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-0113 | WK | 48' Bucket Truck With Full-Time Operator | 5,694.97 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-0114 | MO | 48' Bucket Truck With Full-Time Operator | 20,519.02 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-0115 | DAY | 62' Bucket Truck With Full-Time Operator | 1,922.71 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-0116 | WK | 62' Bucket Truck With Full-Time Operator | 7,035.53 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-0117 | MO | 62' Bucket Truck With Full-Time Operator | 24,128.22 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-0118 | DAY | 85' Bucket Truck With Full-Time Operator | 2,128.95 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-0119 | WK | 85' Bucket Truck With Full-Time Operator | 7,757.37 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-0120 | MO | 85' Bucket Truck With Full-Time Operator | 26,706.22 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-0121 | Day | 105' Bucket Truck With Full-Time Operator | 2,232.07 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-0122 | WK | 105' Bucket Truck With Full-Time Operator | 8,066.73 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0123 | MO | 105' Bucket Truck With Full-Time Operator | 26,953.71 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |

## 01 22 23 00-0124 Air Equipment *(01 22 23)*

## 01 22 23 00-0125 Air Compressors *(01 22 23 00-0124)*

Note: Includes delivery, set-up, and removal. Excludes operator.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0126 | DAY | 185 CFM Diesel Powered Portable Air Compressor | 267.22 | |
| 01 22 23 00-0127 | MO | 375 CFM Diesel Powered Portable Air Compressor | 2,282.47 | |
| 01 22 23 00-0128 | DAY | 100 CFM Diesel Powered Portable Air Compressor | 167.01 | |
| 01 22 23 00-0129 | WK | 825 CFM Diesel Powered Portable Air Compressor | 2,494.02 | |
| 01 22 23 00-0130 | MO | 600 CFM Diesel Powered Portable Air Compressor | 5,050.38 | |
| 01 22 23 00-0131 | WK | 100 CFM Diesel Powered Portable Air Compressor | 501.03 | |
| 01 22 23 00-0132 | MO | 100 CFM Diesel Powered Portable Air Compressor | 1,391.75 | |
| 01 22 23 00-0133 | DAY | 130 CFM Diesel Powered Portable Air Compressor | 200.41 | |
| 01 22 23 00-0134 | WK | 130 CFM Diesel Powered Portable Air Compressor | 590.10 | |
| 01 22 23 00-0135 | MO | 130 CFM Diesel Powered Portable Air Compressor | 1,670.10 | |
| 01 22 23 00-0136 | WK | 185 CFM Diesel Powered Portable Air Compressor | 601.24 | |
| 01 22 23 00-0137 | MO | 185 CFM Diesel Powered Portable Air Compressor | 1,324.95 | |
| 01 22 23 00-0138 | DAY | 375 CFM Diesel Powered Portable Air Compressor | 378.56 | |
| 01 22 23 00-0139 | WK | 375 CFM Diesel Powered Portable Air Compressor | 957.52 | |
| 01 22 23 00-0140 | DAY | 600 CFM Diesel Powered Portable Air Compressor | 841.73 | |
| 01 22 23 00-0141 | WK | 600 CFM Diesel Powered Portable Air Compressor | 2,026.39 | |
| 01 22 23 00-0142 | DAY | 750 CFM Diesel Powered Portable Air Compressor | 1,013.19 | |
| 01 22 23 00-0143 | WK | 750 CFM Diesel Powered Portable Air Compressor | 2,494.02 | |
| 01 22 23 00-0144 | MO | 750 CFM Diesel Powered Portable Air Compressor | 6,123.70 | |
| 01 22 23 00-0145 | DAY | 825 CFM Diesel Powered Portable Air Compressor | 1,013.19 | |
| 01 22 23 00-0146 | MO | 825 CFM Diesel Powered Portable Air Compressor | 6,123.70 | |
| 01 22 23 00-0147 | DAY | 1,300 CFM Diesel Powered Portable Air Compressor | 1,180.20 | |
| 01 22 23 00-0148 | WK | 1,300 CFM Diesel Powered Portable Air Compressor | 2,645.44 | |
| 01 22 23 00-0149 | MO | 1,300 CFM Diesel Powered Portable Air Compressor | 7,054.50 | |
| 01 22 23 00-0150 | DAY | 1,600 CFM Diesel Powered Portable Air Compressor | 1,469.69 | |
| 01 22 23 00-0151 | WK | 1,600 CFM Diesel Powered Portable Air Compressor | 3,306.80 | |
| 01 22 23 00-0152 | MO | 1,600 CFM Diesel Powered Portable Air Compressor | 8,818.13 | |

## 01 22 23 00-0153 Portable Negative Air Machines *(01 22 23 00-0124)*

Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0154 | DAY | Up To 2,000 CFM, Portable Negative Air Machine | 81.38 | |
| 01 22 23 00-0155 | WK | Up To 2,000 CFM, Portable Negative Air Machine | 334.24 | |
| 01 22 23 00-0156 | MO | Up To 2,000 CFM, Portable Negative Air Machine | 1,009.97 | |
| 01 22 23 00-0157 | EA | First Stage Pre-Filter For Portable Negative Air Machines | 12.97 | |
| 01 22 23 00-0158 | EA | Second Stage Pre-Filter For Portable Negative Air Machines | 32.27 | |
| 01 22 23 00-0159 | EA | High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines | 174.45 | |
| 01 22 23 00-0160 | LF | Flexible Exhaust Duct For Portable Negative Air Machines | 1.25 | |

## 01 22 23 00-0161 Portable Air Scrubbers *(01 22 23 00-0124)*

Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0162 | DAY | Up To 1,000 CFM, Portable Air Scrubber | 84.29 | |
| 01 22 23 00-0163 | WK | Up To 1,000 CFM, Portable Air Scrubber | 350.38 | |
| 01 22 23 00-0164 | MO | Up To 1,000 CFM, Portable Air Scrubber | 969.90 | |
| 01 22 23 00-0165 | DAY | >1,000 to 2,000 CFM, Portable Air Scrubber | 106.64 | |
| 01 22 23 00-0166 | WK | >1,000 to 2,000 CFM, Portable Air Scrubber | 441.79 | |
| 01 22 23 00-0167 | MO | >1,000 to 2,000 CFM, Portable Air Scrubber | 1,294.89 | |
| 01 22 23 00-0168 | DAY | >2,000 To 5,000 CFM, Portable Air Scrubber | 137.11 | |
| 01 22 23 00-0169 | WK | >2,000 To 5,000 CFM, Portable Air Scrubber | 583.97 | |
| 01 22 23 00-0170 | MO | >2,000 To 5,000 CFM, Portable Air Scrubber | 1,635.12 | |
| 01 22 23 00-0171 | EA | First Stage Pre-Filter For Portable Air Scrubbers | 19.07 | |
| 01 22 23 00-0172 | EA | Second Stage Pre-Filter For Portable Air Scrubbers | 27.19 | |
| 01 22 23 00-0173 | EA | High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers | 296.33 | |

## 01 22 23 00-0174 Compaction And Paving Equipment *(01 22 23)*

## 01 22 23 00-0175 Pavers And Rollers *(01 22 23 00-0174)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

## 01 22 23 00-0176 Pavers *(01 22 23 00-0175)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0177 | DAY | 10' Wide Paving Machine With Full-Time Operator | 3,151.47 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0178 | WK | 10' Wide Paving Machine With Full-Time Operator | 13,342.37 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0179 | MO | 10' Wide Paving Machine With Full-Time Operator | 50,457.55 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

## 01 22 23 00-0180 Ride-On Self-Propelled, Rubber Tire Rollers *(01 22 23 00-0175)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0181 | MO | 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator | 20,989.78 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0182 | DAY | 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator | 1,112.45 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0183 | WK | 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator | 4,819.54 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0184 | MO | 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator | 19,043.96 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0185 | DAY | 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator | 1,257.56 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0186 | WK | 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator | 5,898.65 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0187 | MO | 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator | 20,673.17 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0188 | DAY | 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator | 1,264.16 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0189 | WK | 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator | 5,469.91 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |

## 01 22 23 00-0190 Ride-On Self-Propelled, Padfoot Rollers *(01 22 23 00-0175)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0191 | DAY | 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 1,448.85 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0192 | MO | 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 19,446.31 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0193 | WK | 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 5,450.12 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0194 | DAY | 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 1,171.82 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0195 | WK | 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 4,889.46 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0196 | MO | 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 21,214.04 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0197 | DAY | 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 1,514.81 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0198 | WK | 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 5,865.67 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0199 | MO | 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 22,374.94 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

## 01 22 23 00-0200 Towed, Padfoot Rollers *(01 22 23 00-0175)*

| | | | |
|---|---|---|---|
| 01 22 23 00-0201 | DAY | 48" Wide, 40" Diameter, Towed Padfoot Roller | 125.32 |
| 01 22 23 00-0202 | WK | 48" Wide, 40" Diameter, Towed Padfoot Roller | 362.78 |
| 01 22 23 00-0203 | MO | 48" Wide, 40" Diameter, Towed Padfoot Roller | 1,068.55 |
| 01 22 23 00-0204 | DAY | 60" Wide, 60" Diameter, Towed Padfoot Roller | 158.30 |
| 01 22 23 00-0205 | WK | 60" Wide, 60" Diameter, Towed Padfoot Roller | 441.93 |
| 01 22 23 00-0206 | MO | 60" Wide, 60" Diameter, Towed Padfoot Roller | 1,879.86 |

## 01 22 23 00-0207 Static Rollers *(01 22 23 00-0175)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0208 | DAY | 5 Ton, 2 Drum Articulated Roller With Full-Time Operator | 1,204.80 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0209 | WK | 5 Ton, 2 Drum Articulated Roller With Full-Time Operator | 5,173.09 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0210 | MO | 5 Ton, 2 Drum Articulated Roller With Full-Time Operator | 20,376.35 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0211 | DAY | 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator | 1,349.91 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0212 | WK | 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator | 5,568.85 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0213 | MO | 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator | 21,471.29 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

## 01 22 23 00-0214 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers *(01 22 23 00-0175)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0215 | DAY | 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 1,158.62 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0216 | WK | 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 4,929.03 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0217 | MO | 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 19,255.03 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0218 | DAY | 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 1,244.37 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0219 | WK | 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 5,179.68 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0220 | MO | 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 19,908.03 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0221 | DAY | 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 1,415.87 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0222 | WK | 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 5,680.98 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0223 | MO | 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator | 21,233.83 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **01 22 23 00-0224** | | **Steel Roadway Plates** *(01 22 23 00-0174)* Note: 3 day minimum. Excludes delivery. See CSI section 01 71 13 00-0001 for material delivery on truck. | | |
| 01 22 23 00-0225 | EA | Placement And Removal Of Steel Roadway Plates | 47.01 | |
| 01 22 23 00-0226 | DAY | 1" x 4' x 10' Steel Plate | 50.01 | |
| 01 22 23 00-0227 | WK | 1" x 4' x 8' Steel Plate | 88.56 | |
| 01 22 23 00-0228 | MO | 1" x 8' x 10' Steel Plate | 330.28 | |
| 01 22 23 00-0229 | DAY | 1" x 5' x 10' Steel Plate | 52.10 | |
| 01 22 23 00-0230 | DAY | 1" x 4' x 8' Steel Plate | 37.51 | |
| 01 22 23 00-0231 | MO | 1" x 4' x 8' Steel Plate | 116.55 | |
| 01 22 23 00-0232 | WK | 1" x 4' x 10' Steel Plate | 112.53 | |
| 01 22 23 00-0233 | MO | 1" x 4' x 10' Steel Plate | 137.53 | |
| 01 22 23 00-0234 | WK | 1" x 5' x 10' Steel Plate | 117.73 | |
| 01 22 23 00-0235 | MO | 1" x 5' x 10' Steel Plate | 312.57 | |
| 01 22 23 00-0236 | DAY | 1" x 6' x 8' Steel Plate | 33.34 | |
| 01 22 23 00-0237 | WK | 1" x 6' x 8' Steel Plate | 75.02 | |
| 01 22 23 00-0238 | MO | 1" x 6' x 8' Steel Plate | 200.04 | |
| 01 22 23 00-0239 | DAY | 1" x 6' x 10' Steel Plate | 62.51 | |
| 01 22 23 00-0240 | WK | 1" x 6' x 10' Steel Plate | 82.31 | |
| 01 22 23 00-0241 | MO | 1" x 6' x 10' Steel Plate | 219.84 | |
| 01 22 23 00-0242 | DAY | 1" x 6' x 12' Steel Plate | 87.52 | |
| 01 22 23 00-0243 | WK | 1" x 6' x 12' Steel Plate | 112.00 | |
| 01 22 23 00-0244 | MO | 1" x 6' x 12' Steel Plate | 303.19 | |
| 01 22 23 00-0245 | DAY | 1" x 8' x 10' Steel Plate | 55.22 | |
| 01 22 23 00-0246 | WK | 1" x 8' x 10' Steel Plate | 123.99 | |
| 01 22 23 00-0247 | DAY | 1" x 8' x 12' Steel Plate | 100.02 | |
| 01 22 23 00-0248 | WK | 1" x 8' x 12' Steel Plate | 123.99 | |
| 01 22 23 00-0249 | MO | 1" x 8' x 12' Steel Plate | 600.13 | |
| 01 22 23 00-0250 | DAY | 1" x 8' x 16' Steel Plate | 133.36 | |
| 01 22 23 00-0251 | WK | 1" x 8' x 16' Steel Plate | 300.07 | |
| 01 22 23 00-0252 | MO | 1" x 8' x 16' Steel Plate | 800.18 | |
| 01 22 23 00-0253 | LF | Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate | 2.06 | 0.84 |
| 01 22 23 00-0254 | EA | Removal And Resetting Of Steel Roadway Plate | 26.12 | |
| **01 22 23 00-0255** | | **Street Sweepers** *(01 22 23 00-0174)* Note: Includes full-time operator. Excludes delivery, set-up, and removal. | | |
| 01 22 23 00-0256 | DAY | 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator | 927.52 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0257 | WK | 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator | 4,441.46 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0258 | MO | 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator | 18,669.12 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| 01 22 23 00-0259 | DAY | Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank. | 1,659.89 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0260 | WK | Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank. | 7,383.12 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0261 | MO | Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank. | 29,171.65 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| **01 22 23 00-0262** | | **Earthmoving Equipment** *(01 22 23)* | | |
| **01 22 23 00-0263** | | **Motor Scraper** *(01 22 23 00-0262)* Note: Includes full-time operator. Excludes delivery, set-up, and removal. | | |
| 01 22 23 00-0264 | DAY | 11 CY Motor Scraper-Hauler With Full-Time Operator | 1,800.46 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0265 | WK | 11 CY Motor Scraper-Hauler With Full-Time Operator | 7,938.29 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0266 | MO | 11 CY Motor Scraper-Hauler With Full-Time Operator | 28,710.15 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0267 | DAY | 18 CY Motor Scraper-Hauler With Full-Time Operator | 2,230.42 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0268 | WK | 18 CY Motor Scraper-Hauler With Full-Time Operator | 9,658.14 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0269 | MO | 18 CY Motor Scraper-Hauler With Full-Time Operator | 33,884.28 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0270 | DAY | 24 CY Motor Scraper-Hauler With Full-Time Operator | 2,645.80 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0271 | WK | 24 CY Motor Scraper-Hauler With Full-Time Operator | 11,312.40 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0272 | MO | 24 CY Motor Scraper-Hauler With Full-Time Operator | 38,839.78 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| **01 22 23 00-0273** | | **Trench Boxes/Trench Shields** *(01 22 23 00-0262)* Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required. | | |
| 01 22 23 00-0274 | MO | For Spreaders >84" To 120", Add | 237.60 | |
| 01 22 23 00-0275 | MO | 4' x 24' Trench Box With Up To 48" Spreaders | 1,188.00 | |
| 01 22 23 00-0276 | MO | 4' x 20' Trench Box With Up To 48" Spreaders | 858.00 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0277 | WK | 4' x 20' Trench Box With Up To 48" Spreaders | 286.00 | |
| 01 22 23 00-0278 | WK | 6' x 8' Trench Box With Up To 48" Spreaders | 176.00 | |
| 01 22 23 00-0279 | MO | 8' x 24' Trench Box With Up To 48" Spreaders | 1,584.00 | |
| 01 22 23 00-0280 | WK | For Spreaders >48" To 84", Add | 13.20 | |
| 01 22 23 00-0281 | WK | 4' x 6' Trench Box With Up To 48" Spreaders | 136.40 | |
| 01 22 23 00-0282 | MO | 6' x 20' Trench Box With Up To 48" Spreaders | 1,188.00 | |
| 01 22 23 00-0283 | MO | 6' x 16' Trench Box With Up To 48" Spreaders | 990.00 | |
| 01 22 23 00-0284 | MO | 8' x 6' Trench Box With Up To 48" Spreaders | 488.40 | |
| 01 22 23 00-0285 | WK | 4' x 24' Trench Box With Up To 48" Spreaders | 396.00 | |
| 01 22 23 00-0286 | WK | 6' x 24' Trench Box With Up To 48" Spreaders | 484.00 | |
| 01 22 23 00-0287 | MO | 4' x 6' Trench Box With Up To 48" Spreaders | 409.20 | |
| 01 22 23 00-0288 | WK | 6' x 6' Trench Box With Up To 48" Spreaders | 154.00 | |
| 01 22 23 00-0289 | MO | 6' x 6' Trench Box With Up To 48" Spreaders | 462.00 | |
| 01 22 23 00-0290 | WK | 8' x 6' Trench Box With Up To 48" Spreaders | 162.80 | |
| 01 22 23 00-0291 | WK | 4' x 8' Trench Box With Up To 48" Spreaders | 149.60 | |
| 01 22 23 00-0292 | MO | 4' x 8' Trench Box With Up To 48" Spreaders | 448.80 | |
| 01 22 23 00-0293 | MO | 6' x 8' Trench Box With Up To 48" Spreaders | 528.00 | |
| 01 22 23 00-0294 | WK | 8' x 8' Trench Box With Up To 48" Spreaders | 198.00 | |
| 01 22 23 00-0295 | MO | 8' x 8' Trench Box With Up To 48" Spreaders | 594.00 | |
| 01 22 23 00-0296 | WK | 4' x 10' Trench Box With Up To 48" Spreaders | 167.20 | |
| 01 22 23 00-0297 | MO | 4' x 10' Trench Box With Up To 48" Spreaders | 501.60 | |
| 01 22 23 00-0298 | WK | 6' x 10' Trench Box With Up To 48" Spreaders | 198.00 | |
| 01 22 23 00-0299 | MO | 6' x 10' Trench Box With Up To 48" Spreaders | 594.00 | |
| 01 22 23 00-0300 | WK | 8' x 10' Trench Box With Up To 48" Spreaders | 242.00 | |
| 01 22 23 00-0301 | MO | 8' x 10' Trench Box With Up To 48" Spreaders | 721.60 | |
| 01 22 23 00-0302 | WK | 4' x 12' Trench Box With Up To 48" Spreaders | 198.00 | |
| 01 22 23 00-0303 | MO | 4' x 12' Trench Box With Up To 48" Spreaders | 594.00 | |
| 01 22 23 00-0304 | WK | 6' x 12' Trench Box With Up To 48" Spreaders | 242.00 | |
| 01 22 23 00-0305 | MO | 6' x 12' Trench Box With Up To 48" Spreaders | 726.00 | |
| 01 22 23 00-0306 | WK | 8' x 12' Trench Box With Up To 48" Spreaders | 308.00 | |
| 01 22 23 00-0307 | MO | 8' x 12' Trench Box With Up To 48" Spreaders | 924.00 | |
| 01 22 23 00-0308 | WK | 4' x 14' Trench Box With Up To 48" Spreaders | 220.00 | |
| 01 22 23 00-0309 | MO | 4' x 14' Trench Box With Up To 48" Spreaders | 660.00 | |
| 01 22 23 00-0310 | WK | 6' x 14' Trench Box With Up To 48" Spreaders | 286.00 | |
| 01 22 23 00-0311 | MO | 6' x 14' Trench Box With Up To 48" Spreaders | 858.00 | |
| 01 22 23 00-0312 | WK | 8' x 14' Trench Box With Up To 48" Spreaders | 352.00 | |
| 01 22 23 00-0313 | MO | 8' x 14' Trench Box With Up To 48" Spreaders | 1,056.00 | |
| 01 22 23 00-0314 | WK | 4' x 16' Trench Box With Up To 48" Spreaders | 242.00 | |
| 01 22 23 00-0315 | MO | 4' x 16' Trench Box With Up To 48" Spreaders | 726.00 | |
| 01 22 23 00-0316 | WK | 6' x 16' Trench Box With Up To 48" Spreaders | 330.00 | |
| 01 22 23 00-0317 | WK | 8' x 16' Trench Box With Up To 48" Spreaders | 396.00 | |
| 01 22 23 00-0318 | MO | 8' x 16' Trench Box With Up To 48" Spreaders | 1,188.00 | |
| 01 22 23 00-0319 | WK | 6' x 20' Trench Box With Up To 48" Spreaders | 396.00 | |
| 01 22 23 00-0320 | WK | 8' x 20' Trench Box With Up To 48" Spreaders | 462.00 | |
| 01 22 23 00-0321 | MO | 8' x 20' Trench Box With Up To 48" Spreaders | 1,386.00 | |
| 01 22 23 00-0322 | MO | 6' x 24' Trench Box With Up To 48" Spreaders | 1,452.00 | |
| 01 22 23 00-0323 | WK | 8' x 24' Trench Box With Up To 48" Spreaders | 528.00 | |
| 01 22 23 00-0324 | MO | For Spreaders >48" To 84", Add | 39.60 | |
| 01 22 23 00-0325 | WK | For Spreaders >84" To 120", Add | 79.20 | |
| 01 22 23 00-0326 | WK | For Spreaders >120", Add | 167.20 | |
| 01 22 23 00-0327 | MO | For Spreaders >120", Add | 501.60 | |
| 01 22 23 00-0328 | WK | 8' x 4' Manhole Box | 207.90 | |
| 01 22 23 00-0329 | MO | 8' x 4' Manhole Box | 623.70 | |
| 01 22 23 00-0330 | WK | 8' x 8' Manhole Box | 297.00 | |
| 01 22 23 00-0331 | MO | 8' x 8' Manhole Box | 891.00 | |

## 01 22 23 00-0332 Heavy Duty Construction Loaders *(01 22 23 00-0262)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0333 | MO | 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator | 22,073.83 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0334 | DAY | 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator | 1,990.42 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0335 | WK | 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator | 5,647.41 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0336 | MO | 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator | 38,742.11 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0337 | DAY | 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator | 1,233.47 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0338 | MO | 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator | 21,844.45 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0339 | DAY | 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator | 1,646.35 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0340 | WK | 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator | 6,098.53 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0341 | DAY | 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator | 1,738.11 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0342 | WK | 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator | 6,343.20 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0343 | MO | 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator | 22,685.51 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0344 | WK | 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator | 7,008.40 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0345 | MO | 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator | 24,367.63 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0346 | DAY | 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator | 2,640.33 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0347 | WK | 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator | 11,282.51 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0348 | DAY | 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator | 6,922.02 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0349 | WK | 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator | 23,768.22 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0350 | MO | 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator | 70,696.35 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

## 01 22 23 00-0351 Loader-Backhoes With Standard Bucket *(01 22 23 00-0262)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0352 | MO | 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator | 19,170.82 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0353 | DAY | 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator | 1,144.58 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0354 | WK | 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator | 4,972.28 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0355 | DAY | 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator | 1,255.71 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0356 | WK | 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator | 4,651.63 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0357 | MO | 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator | 18,238.02 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0358 | DAY | 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator | 1,188.30 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0359 | WK | 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator | 4,804.67 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0360 | MO | 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator | 19,651.79 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0361 | DAY | 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator | 1,556.32 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0362 | WK | 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator | 5,868.64 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0363 | MO | 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator | 22,216.99 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

## 01 22 23 00-0364 Hydraulic Excavators *(01 22 23 00-0262)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0365 | MO | 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator | 31,019.74 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0366 | MO | 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator | 35,027.25 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0367 | WK | 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator | 11,932.33 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0368 | MO | 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 3,171.46 | |
| 01 22 23 00-0369 | DAY | 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator | 2,802.42 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0370 | WK | 1/2 CY Hydraulic Excavator With Full-Time Operator | 5,465.04 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0371 | DAY | 3/8 CY Hydraulic Excavator With Full-Time Operator | 1,109.59 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0372 | WK | 3/8 CY Hydraulic Excavator With Full-Time Operator | 5,002.10 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0373 | MO | 3/8 CY Hydraulic Excavator With Full-Time Operator | 20,379.11 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0374 | DAY | 1/2 CY Hydraulic Excavator With Full-Time Operator | 1,214.62 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0375 | MO | 1/2 CY Hydraulic Excavator With Full-Time Operator | 22,230.86 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0376 | DAY | 5/8 CY Hydraulic Excavator With Full-Time Operator | 1,247.78 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0377 | WK | 5/8 CY Hydraulic Excavator With Full-Time Operator | 5,637.78 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0378 | MO | 5/8 CY Hydraulic Excavator With Full-Time Operator | 22,534.87 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0379 | DAY | 3/4 CY Hydraulic Excavator With Full-Time Operator | 1,282.33 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0380 | WK | 3/4 CY Hydraulic Excavator With Full-Time Operator | 5,796.70 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0381 | MO | 3/4 CY Hydraulic Excavator With Full-Time Operator | 22,838.89 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0382 | DAY | 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator | 1,309.97 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0383 | WK | 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator | 5,962.53 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0384 | MO | 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator | 23,142.91 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0385 | DAY | 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator | 1,683.08 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0386 | WK | 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator | 7,448.07 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0387 | MO | 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator | 27,254.06 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0388 | DAY | 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator | 1,738.36 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0389 | WK | 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator | 7,689.90 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0390 | MO | 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator | 27,979.56 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0391 | DAY | 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator | 1,842.00 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0392 | WK | 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator | 8,104.47 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0393 | MO | 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator | 29,223.27 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0394 | DAY | 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator | 1,959.46 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0395 | WK | 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator | 8,567.41 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0396 | MO | 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator | 30,605.17 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0397 | DAY | 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator | 1,994.01 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0398 | WK | 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator | 8,705.60 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0399 | DAY | 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator | 2,325.66 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0400 | WK | 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator | 10,039.13 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0401 | MO | 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator | 40,693.04 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0402 | DAY | Thumbs Or Grapple Attachment For Hydraulic Excavators | 96.73 | |
| 01 22 23 00-0403 | WK | Thumbs Or Grapple Attachment For Hydraulic Excavators | 373.11 | |
| 01 22 23 00-0404 | MO | Thumbs Or Grapple Attachment For Hydraulic Excavators | 1,105.52 | |
| 01 22 23 00-0405 | DAY | 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 428.39 | |
| 01 22 23 00-0406 | WK | 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 1,133.16 | |
| 01 22 23 00-0407 | DAY | 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 663.31 | |
| 01 22 23 00-0408 | WK | 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 1,692.83 | |
| 01 22 23 00-0409 | MO | 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 4,401.35 | |
| 01 22 23 00-0410 | DAY | 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 925.87 | |
| 01 22 23 00-0411 | WK | 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 2,494.33 | |
| 01 22 23 00-0412 | MO | 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators | 6,992.41 | |
| 01 22 23 00-0413 | DAY | 24" Compaction Wheel Attachment For Hydraulic Excavators | 193.47 | |
| 01 22 23 00-0414 | WK | 24" Compaction Wheel Attachment For Hydraulic Excavators | 773.86 | |
| 01 22 23 00-0415 | MO | 24" Compaction Wheel Attachment For Hydraulic Excavators | 2,321.59 | |
| 01 22 23 00-0416 | DAY | 36" Compaction Wheel Attachment For Hydraulic Excavators | 276.38 | |
| 01 22 23 00-0417 | WK | 36" Compaction Wheel Attachment For Hydraulic Excavators | 1,105.52 | |
| 01 22 23 00-0418 | MO | 36" Compaction Wheel Attachment For Hydraulic Excavators | 3,316.56 | |
| 01 22 23 00-0419 | DAY | 48" Compaction Wheel Attachment For Hydraulic Excavators | 304.02 | |
| 01 22 23 00-0420 | WK | 48" Compaction Wheel Attachment For Hydraulic Excavators | 1,202.25 | |
| 01 22 23 00-0421 | MO | 48" Compaction Wheel Attachment For Hydraulic Excavators | 3,592.94 | |

## 01 22 23 00-0422 Mini-Excavators *(01 22 23 00-0262)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0423 | DAY | 2,000 LB Mini-Excavator With Full-Time Operator | 1,026.68 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0424 | WK | 2,000 LB Mini-Excavator With Full-Time Operator | 4,504.62 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0425 | MO | 2,000 LB Mini-Excavator With Full-Time Operator | 17,767.32 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0426 | DAY | 3,500 LB Mini-Excavator With Full-Time Operator | 1,033.59 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0427 | WK | 3,500 LB Mini-Excavator With Full-Time Operator | 4,525.35 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0428 | MO | 3,500 LB Mini-Excavator With Full-Time Operator | 18,202.62 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0429 | DAY | 6,000 LB Mini-Excavator With Full-Time Operator | 1,068.14 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0430 | WK | 6,000 LB Mini-Excavator With Full-Time Operator | 4,622.08 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0431 | MO | 6,000 LB Mini-Excavator With Full-Time Operator | 18,264.80 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0432 | DAY | 7,500 LB Mini-Excavator With Full-Time Operator | 1,081.96 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0433 | WK | 7,500 LB Mini-Excavator With Full-Time Operator | 4,670.45 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0434 | MO | 7,500 LB Mini-Excavator With Full-Time Operator | 18,292.44 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0435 | DAY | 9,500 LB Mini-Excavator With Full-Time Operator | 1,164.87 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0436 | WK | 9,500 LB Mini-Excavator With Full-Time Operator | 4,739.54 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0437 | MO | 9,500 LB Mini-Excavator With Full-Time Operator | 19,093.94 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0438 | DAY | 11,000 LB Mini-Excavator With Full-Time Operator | 1,171.78 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0439 | WK | 11,000 LB Mini-Excavator With Full-Time Operator | 5,085.02 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0440 | MO | 11,000 LB Mini-Excavator With Full-Time Operator | 19,128.49 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

## 01 22 23 00-0441 Shoring *(01 22 23 00-0262)*

Note: Includes delivery to job site and pick-up when complete.

## 01 22 23 00-0442 Aluminum Hydraulic Shoring *(01 22 23 00-0441)*

Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0443 | EA | Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores | 21.50 | |
| 01 22 23 00-0444 | WK | 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring<br>Note: Up to 88" spread width. | 70.77 | |
| 01 22 23 00-0445 | MO | 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring<br>Note: Up to 88" spread width. | 208.74 | |
| 01 22 23 00-0446 | WK | Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring<br>Note: Up to 88" spread width. | 94.94 | |
| 01 22 23 00-0447 | MO | Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring<br>Note: Up to 88" spread width. | 280.01 | |
| 01 22 23 00-0448 | WK | Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring<br>Note: Up to 88" spread width. | 176.03 | |
| 01 22 23 00-0449 | MO | Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring<br>Note: Up to 88" spread width. | 519.30 | |
| 01 22 23 00-0450 | EA | Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores | 34.40 | |
| 01 22 23 00-0451 | EA | Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores | 57.33 | |

## 01 22 23 00-0452 Trenchers *(01 22 23 00-0262)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0453 | DAY | 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator | 1,631.42 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0454 | DAY | 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator | 1,070.74 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0455 | WK | 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator | 4,824.13 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0456 | MO | 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator | 19,115.20 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| 01 22 23 00-0457 | WK | 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator | 6,713.83 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0458 | MO | 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator | 24,306.70 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |

## 01 22 23 00-0459 Skid-Steer Loaders *(01 22 23 00-0262)*

Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0460 | MO | 1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator | 18,494.57 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| 01 22 23 00-0461 | DAY | 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator | 1,191.98 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0462 | WK | 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator | 4,974.95 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0463 | MO | 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator | 19,111.05 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| 01 22 23 00-0464 | DAY | 1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator | 1,166.47 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0465 | DAY | 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator | 1,077.19 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0466 | WK | 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator | 4,580.96 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0467 | MO | 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator | 18,140.27 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| 01 22 23 00-0468 | WK | 1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator | 4,742.53 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0469 | DAY | Hydraulic Hammer Attachment For Skid-Steer Loaders | 283.44 | |
| 01 22 23 00-0470 | WK | Hydraulic Hammer Attachment For Skid-Steer Loaders | 942.44 | |
| 01 22 23 00-0471 | MO | Hydraulic Hammer Attachment For Skid-Steer Loaders | 2,508.44 | |
| 01 22 23 00-0472 | DAY | Forklift Attachment For Skid-Steer Loaders | 60.94 | |
| 01 22 23 00-0473 | WK | Forklift Attachment For Skid-Steer Loaders | 162.98 | |
| 01 22 23 00-0474 | MO | Forklift Attachment For Skid-Steer Loaders | 460.59 | |
| 01 22 23 00-0475 | DAY | Backhoe Attachment For Skid-Steer Loaders | 134.63 | |
| 01 22 23 00-0476 | WK | Backhoe Attachment For Skid-Steer Loaders | 323.12 | |
| 01 22 23 00-0477 | MO | Backhoe Attachment For Skid-Steer Loaders | 803.55 | |
| 01 22 23 00-0478 | DAY | Broom Attachment For Skid-Steer Loaders | 133.22 | |
| 01 22 23 00-0479 | WK | Broom Attachment For Skid-Steer Loaders | 361.39 | |
| 01 22 23 00-0480 | MO | Broom Attachment For Skid-Steer Loaders | 956.61 | |
| 01 22 23 00-0481 | DAY | Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders | 116.21 | |
| 01 22 23 00-0482 | WK | Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders | 320.29 | |
| 01 22 23 00-0483 | MO | Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders | 874.41 | |
| 01 22 23 00-0484 | DAY | Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 32.03 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0485 | WK | Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 83.80 | |
| 01 22 23 00-0486 | MO | Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 246.47 | |
| 01 22 23 00-0487 | DAY | >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 43.13 | |
| 01 22 23 00-0488 | WK | >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 107.21 | |
| 01 22 23 00-0489 | MO | >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 320.41 | |
| 01 22 23 00-0490 | DAY | Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 62.84 | |
| 01 22 23 00-0491 | WK | Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 191.02 | |
| 01 22 23 00-0492 | MO | Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) | 566.88 | |
| 01 22 23 00-0493 | DAY | 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) | 12.75 | |
| 01 22 23 00-0494 | WK | 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) | 29.76 | |
| 01 22 23 00-0495 | MO | 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) | 79.36 | |

## 01 22 23 00-0496 Road Graders *(01 22 23 00-0262)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0497 | DAY | 60 HP Road Grader With Full-Time Operator | 1,339.01 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0498 | WK | 60 HP Road Grader With Full-Time Operator | 5,312.31 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0499 | MO | 60 HP Road Grader With Full-Time Operator | 20,831.35 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0500 | DAY | 80 HP Road Grader With Full-Time Operator | 1,516.68 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0501 | WK | 80 HP Road Grader With Full-Time Operator | 5,806.70 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0502 | MO | 80 HP Road Grader With Full-Time Operator | 22,329.95 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0503 | DAY | 130 HP Road Grader With Full-Time Operator | 1,396.36 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0504 | WK | 130 HP Road Grader With Full-Time Operator | 6,321.94 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0505 | MO | 130 HP Road Grader With Full-Time Operator | 25,389.94 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

## 01 22 23 00-0506 Bulldozers *(01 22 23 00-0262)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0507 | WK | 70 HP, D3 Bulldozer With Full-Time Operator | 5,347.28 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0508 | DAY | 460 HP, D9 Bulldozer With Full-Time Operator | 3,357.29 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0509 | DAY | 70 HP, D3 Bulldozer With Full-Time Operator | 1,158.68 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0510 | MO | 70 HP, D3 Bulldozer With Full-Time Operator | 20,895.95 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0511 | DAY | 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator | 1,357.83 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0512 | WK | 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator | 6,151.85 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0513 | MO | 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator | 23,365.41 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0514 | DAY | 140 HP, D6 Bulldozer With Full-Time Operator | 1,923.41 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0515 | WK | 140 HP, D6 Bulldozer With Full-Time Operator | 8,414.19 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0516 | MO | 140 HP, D6 Bulldozer With Full-Time Operator | 30,136.51 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0517 | DAY | 200 HP, D7 Bulldozer With Full-Time Operator | 2,425.27 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0518 | WK | 200 HP, D7 Bulldozer With Full-Time Operator | 10,429.59 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0519 | MO | 200 HP, D7 Bulldozer With Full-Time Operator | 36,190.67 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0520 | DAY | 335 HP, D8 Bulldozer With Full-Time Operator | 3,022.72 | |
| | | *For Equipment Without Operator, Deduct* | *-736.48* | |
| 01 22 23 00-0521 | WK | 335 HP, D8 Bulldozer With Full-Time Operator | 12,819.39 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0522 | MO | 335 HP, D8 Bulldozer With Full-Time Operator | 43,360.07 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |
| 01 22 23 00-0523 | WK | 460 HP, D9 Bulldozer With Full-Time Operator | 14,149.71 | |
| | | *For Equipment Without Operator, Deduct* | *-3,682.39* | |
| 01 22 23 00-0524 | MO | 460 HP, D9 Bulldozer With Full-Time Operator | 47,343.07 | |
| | | *For Equipment Without Operator, Deduct* | *-15,957.03* | |

## 01 22 23 00-0525 Heavy Equipment (Ground Protection) Mats *(01 22 23 00-0262)*

Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0262 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0526 | DAY | 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat | 19.32 | |
| 01 22 23 00-0527 | WK | 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat | 45.99 | |
| 01 22 23 00-0528 | MO | 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat | 96.58 | |
| 01 22 23 00-0529 | DAY | 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat | 20.28 | |
| 01 22 23 00-0530 | WK | 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat | 48.29 | |
| 01 22 23 00-0531 | MO | 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat | 101.41 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0532 | Day | 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 16.42 | |
| 01 22 23 00-0533 | WK | 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 38.63 | |
| 01 22 23 00-0534 | MO | 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 82.09 | |
| 01 22 23 00-0535 | Day | 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 18.35 | |
| 01 22 23 00-0536 | WK | 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 43.46 | |
| 01 22 23 00-0537 | MO | 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 91.75 | |
| 01 22 23 00-0538 | Day | 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 20.28 | |
| 01 22 23 00-0539 | WK | 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 48.29 | |
| 01 22 23 00-0540 | MO | 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 101.41 | |
| 01 22 23 00-0541 | Day | 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 22.21 | |
| 01 22 23 00-0542 | WK | 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 52.89 | |
| 01 22 23 00-0543 | MO | 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat | 111.07 | |
| 01 22 23 00-0544 | Day | 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 17.38 | |
| 01 22 23 00-0545 | WK | 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 48.29 | |
| 01 22 23 00-0546 | MO | 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 86.92 | |
| 01 22 23 00-0547 | Day | 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 20.28 | |
| 01 22 23 00-0548 | WK | 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 48.29 | |
| 01 22 23 00-0549 | MO | 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 101.41 | |
| 01 22 23 00-0550 | Day | 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 24.14 | |
| 01 22 23 00-0551 | WK | 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 53.12 | |
| 01 22 23 00-0552 | MO | 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 120.72 | |
| 01 22 23 00-0553 | Day | 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 26.08 | |
| 01 22 23 00-0554 | WK | 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 62.09 | |
| 01 22 23 00-0555 | MO | 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 130.38 | |
| 01 22 23 00-0556 | Day | 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 28.01 | |
| 01 22 23 00-0557 | WK | 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 66.69 | |
| 01 22 23 00-0558 | MO | 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 140.04 | |
| 01 22 23 00-0559 | Day | 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 28.97 | |
| 01 22 23 00-0560 | WK | 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 68.99 | |
| 01 22 23 00-0561 | MO | 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat | 144.87 | |
| 01 22 23 00-0562 | Day | 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™) | 9.29 | |
| 01 22 23 00-0563 | WK | 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™) | 23.23 | |
| 01 22 23 00-0564 | MO | 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™) | 69.68 | |
| 01 22 23 00-0565 | Day | 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 11.11 | |
| 01 22 23 00-0566 | WK | 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 27.77 | |
| 01 22 23 00-0567 | MO | 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 83.30 | |
| 01 22 23 00-0568 | Day | 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 12.68 | |
| 01 22 23 00-0569 | WK | 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 31.71 | |
| 01 22 23 00-0570 | MO | 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 95.13 | |
| 01 22 23 00-0571 | Day | 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 13.52 | |
| 01 22 23 00-0572 | WK | 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 33.80 | |
| 01 22 23 00-0573 | MO | 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 101.41 | |
| 01 22 23 00-0574 | Day | 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 15.45 | |
| 01 22 23 00-0575 | WK | 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 38.63 | |
| 01 22 23 00-0576 | MO | 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 115.90 | |
| 01 22 23 00-0577 | Day | 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 17.76 | |
| 01 22 23 00-0578 | WK | 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 44.39 | |
| 01 22 23 00-0579 | MO | 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 133.18 | |
| 01 22 23 00-0580 | Day | 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™) | 13.66 | |
| 01 22 23 00-0581 | WK | 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™) | 34.16 | |
| 01 22 23 00-0582 | MO | 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™) | 102.47 | |
| 01 22 23 00-0583 | Day | 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 18.50 | |
| 01 22 23 00-0584 | WK | 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 46.25 | |
| 01 22 23 00-0585 | MO | 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 138.74 | |
| 01 22 23 00-0586 | Day | 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 15.99 | |
| 01 22 23 00-0587 | WK | 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 39.98 | |
| 01 22 23 00-0588 | MO | 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 119.95 | |
| 01 22 23 00-0589 | Day | 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 26.67 | |
| 01 22 23 00-0590 | WK | 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 66.69 | |
| 01 22 23 00-0591 | MO | 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™) | 200.06 | |
| 01 22 23 00-0592 | Day | 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™) | 28.43 | |
| 01 22 23 00-0593 | WK | 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™) | 71.08 | |
| 01 22 23 00-0594 | MO | 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™) | 213.25 | |

### 01 22 23 00-0595 Electrical Equipment *(01 22 23)*

### 01 22 23 00-0596 Tripod Mounted Floodlights *(01 22 23 00-0595)*

Note: Includes delivery to job site and pick-up when complete.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0597 | DAY | 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 57.32 | |
| 01 22 23 00-0598 | WK | 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 135.62 | |
| 01 22 23 00-0599 | MO | 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 286.61 | |
| 01 22 23 00-0600 | DAY | 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 57.32 | |
| 01 22 23 00-0601 | WK | 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 167.77 | |
| 01 22 23 00-0602 | MO | 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 496.33 | |
| 01 22 23 00-0603 | DAY | 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 64.31 | |
| 01 22 23 00-0604 | WK | 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 174.76 | |
| 01 22 23 00-0605 | MO | 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod | 426.42 | |

### 01 22 23 00-0606 Generator Sets *(01 22 23 00-0595)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **01 22 23 00-0607** | | **Portable, Gas Or Diesel Powered Generator Sets** *(01 22 23 00-0606)* Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0686 for reimbursable fuel fees. | | |
| 01 22 23 00-0608 | DAY | 3.6 KW, 8 HP Gas Powered Generator Set | 53.86 | |
| | | *For LP Or NG Gas, Add* | *6.73* | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *26.93* | |
| 01 22 23 00-0609 | WK | 3.6 KW, 8 HP Gas Powered Generator Set | 194.14 | |
| | | *For LP Or NG Gas, Add* | *24.27* | |
| 01 22 23 00-0610 | MO | 3.6 KW, 8 HP Gas Powered Generator Set | 538.58 | |
| | | *For LP Or NG Gas, Add* | *67.32* | |
| 01 22 23 00-0611 | DAY | 5 KW, 11 HP Gas Powered Generator Set | 76.40 | |
| | | *For LP Or NG Gas, Add* | *9.55* | |
| 01 22 23 00-0612 | WK | 5 KW, 11 HP Gas Powered Generator Set | 244.24 | |
| | | *For LP Or NG Gas, Add* | *30.53* | |
| 01 22 23 00-0613 | MO | 5 KW, 11 HP Gas Powered Generator Set | 557.36 | |
| | | *For LP Or NG Gas, Add* | *69.67* | |
| 01 22 23 00-0614 | DAY | 6.5 KW, 13 HP Gas Powered Generator Set | 97.70 | |
| | | *For LP Or NG Gas, Add* | *12.21* | |
| 01 22 23 00-0615 | WK | 6.5 KW, 13 HP Gas Powered Generator Set | 263.02 | |
| | | *For LP Or NG Gas, Add* | *32.88* | |
| 01 22 23 00-0616 | MO | 6.5 KW, 13 HP Gas Powered Generator Set | 726.45 | |
| | | *For LP Or NG Gas, Add* | *90.81* | |
| 01 22 23 00-0617 | DAY | 10 KW, 18 HP Gas Powered Generator Set | 108.97 | |
| | | *For LP Or NG Gas, Add* | *13.62* | |
| 01 22 23 00-0618 | WK | 10 KW, 18 HP Gas Powered Generator Set | 294.34 | |
| | | *For LP Or NG Gas, Add* | *36.79* | |
| 01 22 23 00-0619 | MO | 10 KW, 18 HP Gas Powered Generator Set | 845.44 | |
| | | *For LP Or NG Gas, Add* | *105.68* | |
| **01 22 23 00-0620** | | **Towable, Diesel Powered Generator Sets** *(01 22 23 00-0606)* Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0686 for reimbursable fuel fees. | | |
| 01 22 23 00-0621 | WK | 500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. | 5,079.75 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *2,539.88* | |
| | | *For >80 Hours Usage Per Week, Add* | *5,079.75* | |
| 01 22 23 00-0622 | MO | 750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. | 18,052.65 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *9,026.33* | |
| | | *For >320 Hours Usage Per Month, Add* | *18,052.65* | |
| 01 22 23 00-0623 | DAY | 20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. | 224.20 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *112.10* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *224.20* | |
| 01 22 23 00-0624 | WK | 20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. | 586.17 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *293.09* | |
| | | *For >80 Hours Usage Per Week, Add* | *586.17* | |
| 01 22 23 00-0625 | MO | 20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. | 1,596.94 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *798.47* | |
| | | *For >320 Hours Usage Per Month, Add* | *1,596.94* | |
| 01 22 23 00-0626 | DAY | 30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. | 333.28 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *166.64* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *333.28* | |
| 01 22 23 00-0627 | WK | 30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. | 989.09 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *494.55* | |
| | | *For >80 Hours Usage Per Week, Add* | *989.09* | |
| 01 22 23 00-0628 | MO | 30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. | 2,042.69 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *1,021.35* | |
| | | *For >320 Hours Usage Per Month, Add* | *2,042.69* | |
| 01 22 23 00-0629 | DAY | 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. | 365.53 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *182.77* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *365.53* | |
| 01 22 23 00-0630 | DAY | 500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. | 1,953.75 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *976.88* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *1,953.75* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0631 | MO | 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 3,655.34 | |
| | | Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour. | | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *1,827.67* | |
| | | *For >320 Hours Usage Per Month, Add* | *3,655.34* | |
| 01 22 23 00-0632 | DAY | 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 564.43 | |
| | | Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour. | | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *282.22* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *564.43* | |
| 01 22 23 00-0633 | WK | 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 1,558.90 | |
| | | Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour. | | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *779.45* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,558.90* | |
| 01 22 23 00-0634 | MO | 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 4,192.89 | |
| | | Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour. | | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *2,096.45* | |
| | | *For >320 Hours Usage Per Month, Add* | *4,192.89* | |
| 01 22 23 00-0635 | DAY | 140.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 591.30 | |
| | | Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour. | | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *295.65* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *591.30* | |
| 01 22 23 00-0636 | WK | 140.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 1,639.53 | |
| | | Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour. | | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *819.77* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,639.53* | |
| 01 22 23 00-0637 | MO | 140.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 4,622.93 | |
| | | Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour. | | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *2,311.47* | |
| | | *For >320 Hours Usage Per Month, Add* | *4,622.93* | |
| 01 22 23 00-0638 | DAY | 150.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 618.18 | |
| | | Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour. | | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *309.09* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *618.18* | |
| 01 22 23 00-0639 | WK | 150.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 1,773.92 | |
| | | Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour. | | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *886.96* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,773.92* | |
| 01 22 23 00-0640 | MO | 150.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 4,837.95 | |
| | | Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour. | | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *2,418.98* | |
| | | *For >320 Hours Usage Per Month, Add* | *4,837.95* | |
| 01 22 23 00-0641 | WK | 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 1,021.34 | |
| | | Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. | | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *510.67* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,021.34* | |
| 01 22 23 00-0642 | WK | 750.0 KW, 60 Hertz Container Diesel Powered Generator Set | 6,017.55 | |
| | | Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. | | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *3,008.78* | |
| | | *For >80 Hours Usage Per Week, Add* | *6,017.55* | |
| 01 22 23 00-0643 | MO | 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 2,257.71 | |
| | | Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. | | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *1,128.86* | |
| | | *For >320 Hours Usage Per Month, Add* | *2,257.71* | |
| 01 22 23 00-0644 | DAY | 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 392.41 | |
| | | Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. | | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *196.21* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *392.41* | |
| 01 22 23 00-0645 | WK | 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 1,075.10 | |
| | | Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. | | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *537.55* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,075.10* | |
| 01 22 23 00-0646 | MO | 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 2,580.24 | |
| | | Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. | | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *1,290.12* | |
| | | *For >320 Hours Usage Per Month, Add* | *2,580.24* | |
| 01 22 23 00-0647 | DAY | 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set | 430.04 | |
| | | Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. | | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *215.02* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *430.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0648 | WK | 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. | 1,220.24 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *610.12* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,220.24* | |
| 01 22 23 00-0649 | MO | 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. | 2,902.77 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *1,451.39* | |
| | | *For >320 Hours Usage Per Month, Add* | *2,902.77* | |
| 01 22 23 00-0650 | DAY | 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. | 483.80 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *241.90* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *483.80* | |
| 01 22 23 00-0651 | WK | 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. | 1,290.12 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *645.06* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,290.12* | |
| 01 22 23 00-0652 | MO | 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. | 3,225.30 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *1,612.65* | |
| | | *For >320 Hours Usage Per Month, Add* | *3,225.30* | |
| 01 22 23 00-0653 | DAY | 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour. | 499.92 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *249.96* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *499.92* | |
| 01 22 23 00-0654 | WK | 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour. | 1,343.88 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *671.94* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,343.88* | |
| 01 22 23 00-0655 | DAY | 160.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour. | 645.06 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *322.53* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *645.06* | |
| 01 22 23 00-0656 | WK | 160.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour. | 1,881.42 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *940.71* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,881.42* | |
| 01 22 23 00-0657 | MO | 160.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour. | 5,052.97 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *2,526.49* | |
| | | *For >320 Hours Usage Per Month, Add* | *5,052.97* | |
| 01 22 23 00-0658 | DAY | 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. | 645.06 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *322.53* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *645.06* | |
| 01 22 23 00-0659 | WK | 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. | 1,881.42 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *940.71* | |
| | | *For >80 Hours Usage Per Week, Add* | *1,881.42* | |
| 01 22 23 00-0660 | MO | 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. | 5,052.97 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *2,526.49* | |
| | | *For >320 Hours Usage Per Month, Add* | *5,052.97* | |
| 01 22 23 00-0661 | DAY | 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. | 886.96 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *443.48* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *886.96* | |
| 01 22 23 00-0662 | WK | 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. | 2,203.96 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *1,101.98* | |
| | | *For >80 Hours Usage Per Week, Add* | *2,203.96* | |
| 01 22 23 00-0663 | MO | 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. | 6,450.60 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *3,225.30* | |
| | | *For >320 Hours Usage Per Month, Add* | *6,450.60* | |
| 01 22 23 00-0664 | DAY | 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. | 940.71 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *470.36* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *940.71* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0665 | WK | 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. | 2,257.71 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *1,128.86* | |
| | | *For >80 Hours Usage Per Week, Add* | *2,257.71* | |
| 01 22 23 00-0666 | MO | 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. | 6,665.62 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *3,332.81* | |
| | | *For >320 Hours Usage Per Month, Add* | *6,665.62* | |
| 01 22 23 00-0667 | DAY | 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. | 994.47 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *497.24* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *994.47* | |
| 01 22 23 00-0668 | WK | 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. | 2,311.46 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *1,155.73* | |
| | | *For >80 Hours Usage Per Week, Add* | *2,311.46* | |
| 01 22 23 00-0669 | MO | 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. | 6,880.64 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *3,440.32* | |
| | | *For >320 Hours Usage Per Month, Add* | *6,880.64* | |
| 01 22 23 00-0670 | DAY | 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. | 1,026.72 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *513.36* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *1,026.72* | |
| 01 22 23 00-0671 | WK | 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. | 2,472.73 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *1,236.37* | |
| | | *For >80 Hours Usage Per Week, Add* | *2,472.73* | |
| 01 22 23 00-0672 | MO | 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. | 7,310.68 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *3,655.34* | |
| | | *For >320 Hours Usage Per Month, Add* | *7,310.68* | |
| 01 22 23 00-0673 | DAY | 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. | 1,075.10 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *537.55* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *1,075.10* | |
| 01 22 23 00-0674 | WK | 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. | 2,795.26 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *1,397.63* | |
| | | *For >80 Hours Usage Per Week, Add* | *2,795.26* | |
| 01 22 23 00-0675 | MO | 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. | 8,063.25 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *4,031.63* | |
| | | *For >320 Hours Usage Per Month, Add* | *8,063.25* | |
| 01 22 23 00-0676 | DAY | 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. | 1,523.92 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *761.96* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *1,523.92* | |
| 01 22 23 00-0677 | WK | 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. | 3,940.06 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *1,970.03* | |
| | | *For >80 Hours Usage Per Week, Add* | *3,940.06* | |
| 01 22 23 00-0678 | MO | 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. | 10,420.00 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *5,210.00* | |
| | | *For >320 Hours Usage Per Month, Add* | *10,420.00* | |
| 01 22 23 00-0679 | MO | 500.0 KW, 60 Hertz Container Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. | 11,722.50 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *5,861.25* | |
| | | *For >320 Hours Usage Per Month, Add* | *11,722.50* | |
| 01 22 23 00-0680 | DAY | 640.0 KW, 60 Hertz Container Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. | 2,416.14 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *1,208.07* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *2,416.14* | |
| 01 22 23 00-0681 | WK | 640.0 KW, 60 Hertz Container Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. | 6,382.25 | |
| | | *For >40 To 80 Hours Usage Per Week, Add* | *3,191.13* | |
| | | *For >80 Hours Usage Per Week, Add* | *6,382.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0682 | MO | 640.0 KW, 60 Hertz Container Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. | 15,630.00 | |
| | | *For >160 To 320 Hours Usage Per Month, Add* | *7,815.00* | |
| | | *For >320 Hours Usage Per Month, Add* | *15,630.00* | |
| 01 22 23 00-0683 | DAY | 750.0 KW, 60 Hertz Container Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. | 2,611.51 | |
| | | *For >8 To 16 Hours Usage Per Day, Add* | *1,305.76* | |
| | | *For >16 To 24 Hours Usage Per Day, Add* | *2,611.51* | |
| 01 22 23 00-0684 | EA | Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up | 804.16 | |
| 01 22 23 00-0685 | EA | 350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up | 1,285.80 | |

## 01 22 23 00-0686 Fuel Reimbursement For Generators *(01 22 23 00-0606)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0687 | EA | Fuel Reimbursement For Generators<br>Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase. | 1.00 | |

## 01 22 23 00-0688 Cabling For Generator Sets *(01 22 23 00-0606)*

Note: Includes delivery to job site and pick-up when complete.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0689 | DAY | #1 Banded Cable, 50' With Camlock Ends For Generator Set | 23.65 | |
| 01 22 23 00-0690 | WK | #1 Banded Cable, 50' With Camlock Ends For Generator Set | 41.39 | |
| 01 22 23 00-0691 | MO | #1 Banded Cable, 50' With Camlock Ends For Generator Set | 124.17 | |
| 01 22 23 00-0692 | DAY | 50', 4/0 Cable With Camlock Ends For Generator Set | 11.83 | |
| 01 22 23 00-0693 | WK | 50', 4/0 Cable With Camlock Ends For Generator Set | 34.40 | |
| 01 22 23 00-0694 | MO | 50', 4/0 Cable With Camlock Ends For Generator Set | 95.68 | |

## 01 22 23 00-0695 Resistive Loadbanks For Generator Sets *(01 22 23 00-0606)*

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0686 for reimbursable fuel fees.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0696 | DAY | 100 KW A/C Resistive Loadbank | 314.13 | |
| 01 22 23 00-0697 | WK | 100 KW A/C Resistive Loadbank | 597.47 | |
| 01 22 23 00-0698 | MO | 100 KW A/C Resistive Loadbank | 1,632.25 | |
| 01 22 23 00-0699 | DAY | 650 KW A/C Resistive Loadbank | 609.01 | |
| 01 22 23 00-0700 | WK | 650 KW A/C Resistive Loadbank | 1,628.65 | |
| 01 22 23 00-0701 | MO | 650 KW A/C Resistive Loadbank | 4,152.36 | |

## 01 22 23 00-0702 Sub-Distribution Panels (Spider Box) For Generator Sets *(01 22 23 00-0606)*

Note: Includes delivery to job site and pick-up when complete.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0703 | DAY | 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box) | 58.06 | |
| 01 22 23 00-0704 | WK | 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box) | 150.51 | |
| 01 22 23 00-0705 | MO | 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box) | 424.66 | |

## 01 22 23 00-0706 Portable Distribution Panels For Generator Sets *(01 22 23 00-0606)*

Note: Includes delivery to job site and pick-up when complete.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0707 | DAY | 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel | 129.01 | |
| 01 22 23 00-0708 | WK | 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel | 349.41 | |
| 01 22 23 00-0709 | MO | 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel | 978.34 | |
| 01 22 23 00-0710 | DAY | 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel | 105.36 | |
| 01 22 23 00-0711 | WK | 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel | 274.15 | |
| 01 22 23 00-0712 | MO | 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel | 779.45 | |
| 01 22 23 00-0713 | DAY | 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel | 134.39 | |
| 01 22 23 00-0714 | WK | 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel | 338.66 | |
| 01 22 23 00-0715 | MO | 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel | 919.21 | |

## 01 22 23 00-0716 Trailer Mounted Floodlights *(01 22 23 00-0595)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0717 | WK | 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower | 356.52 | |
| 01 22 23 00-0718 | DAY | 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower | 160.78 | |
| 01 22 23 00-0719 | MO | 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower | 768.96 | |

## 01 22 23 00-0720 Welding Machines *(01 22 23 00-0595)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

## 01 22 23 00-0721 Diesel Powered Towable Welding Machines *(01 22 23 00-0720)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0722 | DAY | 250 To 299 Amperes, Diesel Powered Towable Welding Machine | 118.03 | |
| 01 22 23 00-0723 | WK | 250 To 299 Amperes, Diesel Powered Towable Welding Machine | 288.51 | |
| 01 22 23 00-0724 | MO | 250 To 299 Amperes, Diesel Powered Towable Welding Machine | 688.48 | |
| 01 22 23 00-0725 | DAY | 300 To 349 Amperes, Diesel Powered Towable Welding Machine | 157.37 | |
| 01 22 23 00-0726 | WK | 300 To 349 Amperes, Diesel Powered Towable Welding Machine | 308.18 | |
| 01 22 23 00-0727 | MO | 300 To 349 Amperes, Diesel Powered Towable Welding Machine | 719.96 | |
| 01 22 23 00-0728 | DAY | 350 To 399 Amperes, Diesel Powered Towable Welding Machine | 163.92 | |
| 01 22 23 00-0729 | WK | 350 To 399 Amperes, Diesel Powered Towable Welding Machine | 327.85 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0730 | MO | 350 To 399 Amperes, Diesel Powered Towable Welding Machine | 799.95 | |

## 01 22 23 00-0731 General Equipment *(01 22 23)*

## 01 22 23 00-0732 Jacks And Bracing *(01 22 23 00-0731)*

Note: Includes delivery to job site and pick-up when complete.

## 01 22 23 00-0733 Manual Hydraulic Jacks *(01 22 23 00-0732)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0734 | DAY | 100 Ton Manual Hydraulic Bottle Jack | 14.61 | |
| 01 22 23 00-0735 | MO | 50 Ton Manual Hydraulic Bottle Jack | 145.66 | |
| 01 22 23 00-0736 | DAY | 12 Ton Manual Hydraulic Bottle Jack | 1.67 | |
| 01 22 23 00-0737 | WK | 12 Ton Manual Hydraulic Bottle Jack | 7.93 | |
| 01 22 23 00-0738 | MO | 12 Ton Manual Hydraulic Bottle Jack | 28.50 | |
| 01 22 23 00-0739 | DAY | 20 Ton Manual Hydraulic Bottle Jack | 2.92 | |
| 01 22 23 00-0740 | WK | 20 Ton Manual Hydraulic Bottle Jack | 9.18 | |
| 01 22 23 00-0741 | MO | 20 Ton Manual Hydraulic Bottle Jack | 34.76 | |
| 01 22 23 00-0742 | DAY | 50 Ton Manual Hydraulic Bottle Jack | 10.43 | |
| 01 22 23 00-0743 | WK | 50 Ton Manual Hydraulic Bottle Jack | 40.49 | |
| 01 22 23 00-0744 | WK | 100 Ton Manual Hydraulic Bottle Jack | 58.43 | |
| 01 22 23 00-0745 | MO | 100 Ton Manual Hydraulic Bottle Jack | 210.46 | |

## 01 22 23 00-0746 Manual Screw Jacks *(01 22 23 00-0732)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0747 | DAY | 10 To 20 Ton Manual Screw Jack | 23.90 | |
| 01 22 23 00-0748 | WK | 10 To 20 Ton Manual Screw Jack | 64.35 | |
| 01 22 23 00-0749 | MO | 10 To 20 Ton Manual Screw Jack | 178.34 | |

## 01 22 23 00-0750 Confined Space Entry Equipment *(01 22 23 00-0731)*

Note: Includes delivery to job site, set-up, and pick-up when complete.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0751 | DAY | Confined Space Air Monitor Personnel<br>Note: Per person day. | 738.48 | |
| 01 22 23 00-0752 | DAY | Ventilation Equipment For Confined Space<br>Note: Includes electric or gas blower and ventilation duct up to 25'. | 38.31 | |
| 01 22 23 00-0753 | WK | Ventilation Equipment For Confined Space<br>Note: Includes electric or gas blower and ventilation duct up to 25'. | 114.94 | |
| 01 22 23 00-0754 | MO | Ventilation Equipment For Confined Space<br>Note: Includes electric or gas blower and ventilation duct up to 25'. | 342.99 | |
| 01 22 23 00-0755 | DAY | Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly | 55.91 | |
| 01 22 23 00-0756 | WK | Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly | 167.74 | |
| 01 22 23 00-0757 | MO | Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly | 503.23 | |

## 01 22 23 00-0758 Pressure Washers *(01 22 23 00-0731)*

Note: Includes delivery to job site, pick-up when complete and full time operator.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0759 | DAY | 2,000 PSI Pressure Washer With Full-Time Operator | 668.61 | |
| | | *For Equipment Without Operator, Deduct* | | *-545.45* |
| 01 22 23 00-0760 | WK | 2,000 PSI Pressure Washer With Full-Time Operator | 3,039.90 | |
| | | *For Equipment Without Operator, Deduct* | | *-2,727.26* |
| 01 22 23 00-0761 | MO | 2,000 PSI Pressure Washer With Full-Time Operator | 12,613.93 | |
| | | *For Equipment Without Operator, Deduct* | | *-11,818.11* |
| 01 22 23 00-0762 | DAY | 2,500 PSI Pressure Washer With Full-Time Operator | 678.33 | |
| | | *For Equipment Without Operator, Deduct* | | *-545.45* |
| 01 22 23 00-0763 | WK | 2,500 PSI Pressure Washer With Full-Time Operator | 3,064.57 | |
| | | *For Equipment Without Operator, Deduct* | | *-2,727.26* |
| 01 22 23 00-0764 | MO | 2,500 PSI Pressure Washer With Full-Time Operator | 12,676.72 | |
| | | *For Equipment Without Operator, Deduct* | | *-11,818.11* |
| 01 22 23 00-0765 | DAY | 3,000 PSI Pressure Washer With Full-Time Operator | 668.61 | |
| | | *For Equipment Without Operator, Deduct* | | *-545.45* |
| 01 22 23 00-0766 | WK | 3,000 PSI Pressure Washer With Full-Time Operator | 3,039.90 | |
| | | *For Equipment Without Operator, Deduct* | | *-2,727.26* |
| 01 22 23 00-0767 | MO | 3,000 PSI Pressure Washer With Full-Time Operator | 12,613.93 | |
| | | *For Equipment Without Operator, Deduct* | | *-11,818.11* |
| 01 22 23 00-0768 | DAY | 3,500 PSI Pressure Washer With Full-Time Operator | 688.55 | |
| | | *For Equipment Without Operator, Deduct* | | *-545.45* |
| 01 22 23 00-0769 | WK | 3,500 PSI Pressure Washer With Full-Time Operator | 3,095.23 | |
| | | *For Equipment Without Operator, Deduct* | | *-2,727.26* |
| 01 22 23 00-0770 | MO | 3,500 PSI Pressure Washer With Full-Time Operator | 12,758.49 | |
| | | *For Equipment Without Operator, Deduct* | | *-11,818.11* |
| 01 22 23 00-0771 | DAY | 4,000 PSI Pressure Washer With Full-Time Operator | 715.98 | |
| | | *For Equipment Without Operator, Deduct* | | *-545.45* |
| 01 22 23 00-0772 | WK | 4,000 PSI Pressure Washer With Full-Time Operator | 3,191.49 | |
| | | *For Equipment Without Operator, Deduct* | | *-2,727.26* |
| 01 22 23 00-0773 | MO | 4,000 PSI Pressure Washer With Full-Time Operator | 13,116.05 | |
| | | *For Equipment Without Operator, Deduct* | | *-11,818.11* |
| 01 22 23 00-0774 | DAY | 5,000 PSI Pressure Washer With Full-Time Operator | 749.88 | |
| | | *For Equipment Without Operator, Deduct* | | *-545.45* |
| 01 22 23 00-0775 | WK | 5,000 PSI Pressure Washer With Full-Time Operator | 3,279.22 | |
| | | *For Equipment Without Operator, Deduct* | | *-2,727.26* |
| 01 22 23 00-0776 | MO | 5,000 PSI Pressure Washer With Full-Time Operator | 13,371.78 | |
| | | *For Equipment Without Operator, Deduct* | | *-11,818.11* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 01 22 23 00-0777 Space Heaters *(01 22 23 00-0731)*

Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.

| | | | |
|---|---|---|---|
| 01 22 23 00-0778 | DAY | 150,000 BTU/Hour Space Heater | 65.84 |
| 01 22 23 00-0779 | WK | 150,000 BTU/Hour Space Heater | 189.30 |
| 01 22 23 00-0780 | MO | 150,000 BTU/Hour Space Heater | 534.98 |
| 01 22 23 00-0781 | DAY | 500,000 BTU/Hour Space Heater | 139.92 |
| 01 22 23 00-0782 | WK | 500,000 BTU/Hour Space Heater | 345.68 |
| 01 22 23 00-0783 | MO | 500,000 BTU/Hour Space Heater | 874.08 |

## 01 22 23 00-0784 Material Handling Equipment *(01 22 23)*

## 01 22 23 00-0785 Truck Mounted Hydraulic Cranes *(01 22 23 00-0784)*

Note: Includes full-time operator, delivery, set-up, rigging, and removal time in rental period. Excludes lattice boom extension.

| | | | |
|---|---|---|---|
| 01 22 23 00-0786 | MO | 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 38,222.11 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0787 | DAY | 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 2,808.31 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0788 | WK | 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 10,680.38 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0789 | DAY | 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 1,209.05 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0790 | WK | 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 5,137.20 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0791 | MO | 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 20,413.47 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0792 | DAY | 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 1,331.03 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0793 | WK | 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 5,499.74 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0794 | MO | 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 21,497.71 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0795 | DAY | 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 1,453.01 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0796 | WK | 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 5,862.28 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0797 | MO | 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 22,581.95 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0798 | DAY | 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 1,615.64 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0799 | WK | 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 6,350.19 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0800 | MO | 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 24,038.90 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0801 | DAY | 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 1,764.73 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0802 | WK | 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 7,359.89 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0803 | MO | 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 27,065.28 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0804 | DAY | 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 2,117.10 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0805 | WK | 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 8,620.32 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0806 | MO | 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 30,849.28 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0807 | DAY | 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 2,340.73 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0808 | WK | 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 9,406.39 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0809 | MO | 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 33,212.92 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0810 | DAY | 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 2,516.92 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0811 | WK | 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 10,043.38 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0812 | MO | 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 35,121.19 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0813 | DAY | 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 2,693.11 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0814 | MO | 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 37,029.45 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0815 | WK | 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 11,073.41 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0816 | DAY | 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 2,964.17 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| 01 22 23 00-0817 | WK | 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 11,656.19 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |
| 01 22 23 00-0818 | MO | 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 39,956.90 |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* |
| 01 22 23 00-0819 | DAY | 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 3,465.63 |
| | | *For Equipment Without Operator, Deduct* | *-748.25* |
| | | *For Half Day Usage, Deduct* | *-1,086.95* |
| 01 22 23 00-0820 | WK | 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 13,252.06 |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0821 | MO | 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 44,744.49 | |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* | |
| 01 22 23 00-0822 | DAY | 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 3,811.23 | |
| | | *For Equipment Without Operator, Deduct* | *-748.25* | |
| | | *For Half Day Usage, Deduct* | *-1,225.19* | |
| 01 22 23 00-0823 | WK | 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 14,461.66 | |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* | |
| 01 22 23 00-0824 | MO | 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 48,373.31 | |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* | |
| 01 22 23 00-0825 | DAY | 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 4,434.67 | |
| | | *For Equipment Without Operator, Deduct* | *-748.25* | |
| | | *For Half Day Usage, Deduct* | *-1,474.57* | |
| 01 22 23 00-0826 | WK | 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 16,643.70 | |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* | |
| 01 22 23 00-0827 | MO | 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 54,919.41 | |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* | |
| 01 22 23 00-0828 | DAY | 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 4,868.36 | |
| | | *For Equipment Without Operator, Deduct* | *-748.25* | |
| | | *For Half Day Usage, Deduct* | *-1,648.04* | |
| 01 22 23 00-0829 | WK | 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 18,161.63 | |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* | |
| 01 22 23 00-0830 | MO | 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator | 59,473.22 | |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* | |

## 01 22 23 00-0831 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0784)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0832 | DAY | 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 1,309.05 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0833 | WK | 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 5,088.78 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0834 | MO | 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 19,003.30 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| 01 22 23 00-0835 | DAY | 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 1,369.11 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0836 | WK | 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 5,223.91 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0837 | MO | 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 19,303.60 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| 01 22 23 00-0838 | DAY | 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 1,354.10 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0839 | WK | 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 5,291.48 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0840 | MO | 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 19,754.05 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| 01 22 23 00-0841 | DAY | 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 1,526.77 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| 01 22 23 00-0842 | WK | 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 5,741.93 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| 01 22 23 00-0843 | MO | 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator | 20,805.10 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |

## 01 22 23 00-0844 Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0784)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0845 | WK | 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 5,026.16 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *266.76* | |
| 01 22 23 00-0846 | DAY | 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 1,109.35 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *74.17* | |
| 01 22 23 00-0847 | WK | 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 4,705.14 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *202.55* | |
| 01 22 23 00-0848 | MO | 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 18,318.24 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *463.59* | |
| 01 22 23 00-0849 | DAY | 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 1,128.87 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *78.08* | |
| 01 22 23 00-0850 | WK | 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 4,758.44 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *213.21* | |
| 01 22 23 00-0851 | MO | 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 18,440.24 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *487.99* | |
| 01 22 23 00-0852 | DAY | 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 1,233.98 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *99.10* | |
| 01 22 23 00-0853 | WK | 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 5,051.24 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *271.77* | |
| 01 22 23 00-0854 | MO | 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 19,115.91 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *623.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-0855 | DAY | 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 1,291.86 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *110.68* | |
| 01 22 23 00-0856 | MO | 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator | 19,320.57 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *664.05* | |

## 01 22 23 00-0857 Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0784)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0858 | DAY | 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 1,053.80 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *63.06* | |
| 01 22 23 00-0859 | WK | 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 4,413.10 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *144.14* | |
| 01 22 23 00-0860 | MO | 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 17,727.02 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *345.34* | |
| 01 22 23 00-0861 | DAY | 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 1,061.30 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *64.56* | |
| 01 22 23 00-0862 | WK | 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 4,435.62 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *148.65* | |
| 01 22 23 00-0863 | MO | 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 17,779.58 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *355.86* | |
| 01 22 23 00-0864 | DAY | 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 1,218.96 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *96.10* | |
| 01 22 23 00-0865 | WK | 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 4,780.97 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *217.72* | |
| 01 22 23 00-0866 | MO | 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 18,627.92 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *525.52* | |
| 01 22 23 00-0867 | DAY | 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 1,233.98 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *99.10* | |
| 01 22 23 00-0868 | WK | 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 4,908.60 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *243.24* | |
| 01 22 23 00-0869 | MO | 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 19,078.38 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *615.62* | |
| 01 22 23 00-0870 | DAY | 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 1,369.11 | |
| | | *For Equipment Without Operator, Deduct* | *-738.48* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *126.13* | |
| 01 22 23 00-0871 | WK | 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 5,126.31 | |
| | | *For Equipment Without Operator, Deduct* | *-3,692.38* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *286.79* | |
| 01 22 23 00-0872 | MO | 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator | 19,453.75 | |
| | | *For Equipment Without Operator, Deduct* | *-16,000.30* | |
| | | *For Propane Instead Of Gas Or Diesel, Add* | *690.69* | |

## 01 22 23 00-0873 Cable Controlled Lattice Boom, Mechanical Cranes *(01 22 23 00-0784)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0004 for lattice crane delivery.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-0874 | DAY | 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator | 2,374.61 | |
| | | *For Equipment Without Operator, Deduct* | *-748.25* | |
| 01 22 23 00-0875 | WK | 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator | 9,541.92 | |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* | |
| 01 22 23 00-0876 | MO | 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator | 33,614.09 | |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* | |
| 01 22 23 00-0877 | DAY | 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator | 3,628.26 | |
| | | *For Equipment Without Operator, Deduct* | *-748.25* | |
| 01 22 23 00-0878 | WK | 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator | 11,629.09 | |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* | |
| 01 22 23 00-0879 | MO | 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator | 39,875.58 | |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* | |
| 01 22 23 00-0880 | DAY | 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator | 3,831.56 | |
| | | *For Equipment Without Operator, Deduct* | *-748.25* | |
| 01 22 23 00-0881 | WK | 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator | 13,113.14 | |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* | |
| 01 22 23 00-0882 | MO | 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator | 44,326.38 | |
| | | *For Equipment Without Operator, Deduct* | *-16,212.04* | |
| 01 22 23 00-0883 | DAY | 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator | 4,238.15 | |
| | | *For Equipment Without Operator, Deduct* | *-748.25* | |
| 01 22 23 00-0884 | WK | 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator | 14,597.19 | |
| | | *For Equipment Without Operator, Deduct* | *-3,741.24* | |

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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 01 22 23 00-0885 | MO | 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator | | 48,771.77 | |
| | | *For Equipment Without Operator, Deduct* | | *-16,212.04* | |
| 01 22 23 00-0886 | DAY | 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 4,431.28 | |
| | | *For Equipment Without Operator, Deduct* | | *-748.25* | |
| 01 22 23 00-0887 | WK | 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 16,081.25 | |
| | | *For Equipment Without Operator, Deduct* | | *-3,741.24* | |
| 01 22 23 00-0888 | MO | 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 53,227.99 | |
| | | *For Equipment Without Operator, Deduct* | | *-16,212.04* | |
| 01 22 23 00-0889 | DAY | 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 4,624.41 | |
| | | *For Equipment Without Operator, Deduct* | | *-748.25* | |
| 01 22 23 00-0890 | WK | 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 17,565.30 | |
| | | *For Equipment Without Operator, Deduct* | | *-3,741.24* | |
| 01 22 23 00-0891 | MO | 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 57,684.22 | |
| | | *For Equipment Without Operator, Deduct* | | *-16,212.04* | |
| 01 22 23 00-0892 | DAY | 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 5,261.40 | |
| | | *For Equipment Without Operator, Deduct* | | *-748.25* | |
| 01 22 23 00-0893 | WK | 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 19,848.98 | |
| | | *For Equipment Without Operator, Deduct* | | *-3,741.24* | |
| 01 22 23 00-0894 | MO | 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 64,525.77 | |
| | | *For Equipment Without Operator, Deduct* | | *-16,212.04* | |
| 01 22 23 00-0895 | DAY | 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 9,178.22 | |
| | | *For Equipment Without Operator, Deduct* | | *-748.25* | |
| 01 22 23 00-0896 | WK | 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 33,808.57 | |
| | | *For Equipment Without Operator, Deduct* | | *-3,741.24* | |
| 01 22 23 00-0897 | MO | 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator | | 106,420.81 | |
| | | *For Equipment Without Operator, Deduct* | | *-16,212.04* | |

## 01 22 23 00-0898 Chain Hoists *(01 22 23 00-0784)*

Note: Includes delivery to job site and pick-up when complete.

| | | | |
|---|---|---|---|
| 01 22 23 00-0899 | DAY | 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 92.65 |
| 01 22 23 00-0900 | MO | 1 Ton, 20' Lift, Manual Chain Hoist | 96.40 |
| 01 22 23 00-0901 | WK | 5 Ton, 20' Lift, Manual Chain Hoist | 121.44 |
| 01 22 23 00-0902 | DAY | 1 Ton, 20' Lift, Manual Chain Hoist | 12.52 |
| 01 22 23 00-0903 | WK | 1 Ton, 20' Lift, Manual Chain Hoist | 32.55 |
| 01 22 23 00-0904 | DAY | 3 Ton, 20' Lift, Manual Chain Hoist | 35.06 |
| 01 22 23 00-0905 | WK | 3 Ton, 20' Lift, Manual Chain Hoist | 82.63 |
| 01 22 23 00-0906 | MO | 3 Ton, 20' Lift, Manual Chain Hoist | 231.62 |
| 01 22 23 00-0907 | DAY | 5 Ton, 20' Lift, Manual Chain Hoist | 45.07 |
| 01 22 23 00-0908 | MO | 5 Ton, 20' Lift, Manual Chain Hoist | 338.04 |
| 01 22 23 00-0909 | DAY | 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 88.89 |
| 01 22 23 00-0910 | WK | 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 231.62 |
| 01 22 23 00-0911 | MO | 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 626.00 |
| 01 22 23 00-0912 | DAY | 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 90.14 |
| 01 22 23 00-0913 | WK | 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 241.01 |
| 01 22 23 00-0914 | MO | 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 657.30 |
| 01 22 23 00-0915 | WK | 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 259.79 |
| 01 22 23 00-0916 | MO | 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist | 719.90 |

## 01 22 23 00-0917 Roof Swing Hoist *(01 22 23 00-0784)*

Note: Includes delivery to job site and pick-up when complete.

| | | | |
|---|---|---|---|
| 01 22 23 00-0918 | DAY | Up To 400#, Manual Swing Roof Hoist | 87.41 |
| 01 22 23 00-0919 | WK | Up To 400#, Manual Swing Roof Hoist | 305.94 |
| 01 22 23 00-0920 | MO | Up To 400#, Manual Swing Roof Hoist | 1,048.92 |

## 01 22 23 00-0921 Pumping Equipment *(01 22 23)*

## 01 22 23 00-0922 Suction Hose With Couplings *(01 22 23 00-0921)*

Note: Includes delivery, set-up, and removal.

| | | | |
|---|---|---|---|
| 01 22 23 00-0923 | DAY | 4" Inside Diameter, 20' Length, Suction Hose With Couplings | 24.00 |
| 01 22 23 00-0924 | DAY | Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings | 6.00 |
| 01 22 23 00-0925 | WK | Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings | 15.00 |
| 01 22 23 00-0926 | MO | Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings | 46.00 |
| 01 22 23 00-0927 | DAY | 3" Inside Diameter, 20' Length, Suction Hose With Couplings | 16.00 |
| 01 22 23 00-0928 | WK | 3" Inside Diameter, 20' Length, Suction Hose With Couplings | 41.00 |
| 01 22 23 00-0929 | MO | 3" Inside Diameter, 20' Length, Suction Hose With Couplings | 125.00 |
| 01 22 23 00-0930 | WK | 4" Inside Diameter, 20' Length, Suction Hose With Couplings | 61.00 |
| 01 22 23 00-0931 | MO | 4" Inside Diameter, 20' Length, Suction Hose With Couplings | 185.00 |
| 01 22 23 00-0932 | DAY | 6" Inside Diameter, 20' Length, Suction Hose With Couplings | 30.00 |
| 01 22 23 00-0933 | WK | 6" Inside Diameter, 20' Length, Suction Hose With Couplings | 75.00 |
| 01 22 23 00-0934 | MO | 6" Inside Diameter, 20' Length, Suction Hose With Couplings | 220.00 |
| 01 22 23 00-0935 | DAY | 10" Inside Diameter, 20' Length, Suction Hose With Couplings | 70.00 |
| 01 22 23 00-0936 | WK | 10" Inside Diameter, 20' Length, Suction Hose With Couplings | 180.00 |
| 01 22 23 00-0937 | MO | 10" Inside Diameter, 20' Length, Suction Hose With Couplings | 530.00 |
| 01 22 23 00-0938 | DAY | 12" Inside Diameter, 20' Length, Suction Hose With Couplings | 94.00 |
| 01 22 23 00-0939 | WK | 12" Inside Diameter, 20' Length, Suction Hose With Couplings | 205.00 |
| 01 22 23 00-0940 | MO | 12" Inside Diameter, 20' Length, Suction Hose With Couplings | 615.00 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **01 22 23 00-0941** | | **Gas Powered Portable Centrifugal Pumps** *(01 22 23 00-0921)* Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0980 for larger diameter pumps. | | |
| 01 22 23 00-0942 | DAY | 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump | 63.90 | |
| 01 22 23 00-0943 | WK | 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump | 143.78 | |
| 01 22 23 00-0944 | MO | 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump | 383.42 | |
| 01 22 23 00-0945 | DAY | 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump | 76.68 | |
| 01 22 23 00-0946 | WK | 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump | 172.54 | |
| 01 22 23 00-0947 | MO | 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump | 460.11 | |
| **01 22 23 00-0948** | | **Discharge Hose With Couplings** *(01 22 23 00-0921)* Note: Includes delivery, set-up, and removal. | | |
| 01 22 23 00-0949 | WK | 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings | 15.00 | |
| 01 22 23 00-0950 | DAY | 2" Inside Diameter, 50' Length, Discharge Hose With Couplings | 7.00 | |
| 01 22 23 00-0951 | MO | 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings | 46.00 | |
| 01 22 23 00-0952 | DAY | 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings | 6.00 | |
| 01 22 23 00-0953 | WK | 2" Inside Diameter, 50' Length, Discharge Hose With Couplings | 17.00 | |
| 01 22 23 00-0954 | MO | 2" Inside Diameter, 50' Length, Discharge Hose With Couplings | 53.00 | |
| 01 22 23 00-0955 | DAY | 3" Inside Diameter, 50' Length, Discharge Hose With Couplings | 8.00 | |
| 01 22 23 00-0956 | WK | 3" Inside Diameter, 50' Length, Discharge Hose With Couplings | 20.00 | |
| 01 22 23 00-0957 | MO | 3" Inside Diameter, 50' Length, Discharge Hose With Couplings | 61.00 | |
| 01 22 23 00-0958 | DAY | 4" Inside Diameter, 50' Length, Discharge Hose With Couplings | 21.00 | |
| 01 22 23 00-0959 | WK | 4" Inside Diameter, 50' Length, Discharge Hose With Couplings | 54.00 | |
| 01 22 23 00-0960 | MO | 4" Inside Diameter, 50' Length, Discharge Hose With Couplings | 155.00 | |
| 01 22 23 00-0961 | DAY | 6" Inside Diameter, 50' Length, Discharge Hose With Couplings | 26.00 | |
| 01 22 23 00-0962 | WK | 6" Inside Diameter, 50' Length, Discharge Hose With Couplings | 71.00 | |
| 01 22 23 00-0963 | MO | 6" Inside Diameter, 50' Length, Discharge Hose With Couplings | 195.00 | |
| 01 22 23 00-0964 | DAY | 10" Inside Diameter, 10' Length, Discharge Hose With Couplings | 20.00 | |
| 01 22 23 00-0965 | WK | 10" Inside Diameter, 10' Length, Discharge Hose With Couplings | 50.00 | |
| 01 22 23 00-0966 | MO | 10" Inside Diameter, 10' Length, Discharge Hose With Couplings | 150.00 | |
| 01 22 23 00-0967 | DAY | 12" Inside Diameter, 10' Length, Discharge Hose With Couplings | 51.00 | |
| 01 22 23 00-0968 | WK | 12" Inside Diameter, 10' Length, Discharge Hose With Couplings | 130.00 | |
| 01 22 23 00-0969 | MO | 12" Inside Diameter, 10' Length, Discharge Hose With Couplings | 385.00 | |
| **01 22 23 00-0970** | | **Gas Powered Portable Trash Pumps** *(01 22 23 00-0921)* Note: Includes delivery, set-up, and removal. Excludes operator. | | |
| 01 22 23 00-0971 | DAY | 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump | 146.98 | |
| 01 22 23 00-0972 | DAY | 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump | 92.66 | |
| 01 22 23 00-0973 | WK | 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump | 191.71 | |
| 01 22 23 00-0974 | MO | 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump | 575.14 | |
| 01 22 23 00-0975 | DAY | 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump | 92.66 | |
| 01 22 23 00-0976 | WK | 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump | 247.63 | |
| 01 22 23 00-0977 | MO | 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump | 678.98 | |
| 01 22 23 00-0978 | WK | 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump | 415.38 | |
| 01 22 23 00-0979 | MO | 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump | 1,206.19 | |
| **01 22 23 00-0980** | | **Diesel Powered Portable Trash Pumps** *(01 22 23 00-0921)* Note: Includes delivery, set-up, and removal. Excludes operator. | | |
| 01 22 23 00-0981 | DAY | 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump | 287.57 | |
| 01 22 23 00-0982 | WK | 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump | 782.82 | |
| 01 22 23 00-0983 | MO | 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump | 3,410.88 | |
| 01 22 23 00-0984 | DAY | 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump | 439.34 | |
| 01 22 23 00-0985 | WK | 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump | 1,150.27 | |
| 01 22 23 00-0986 | MO | 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump | 3,059.40 | |
| 01 22 23 00-0987 | DAY | 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump | 597.50 | |
| 01 22 23 00-0988 | WK | 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump | 1,599.20 | |
| 01 22 23 00-0989 | MO | 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump | 4,278.37 | |
| 01 22 23 00-0990 | DAY | 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump | 773.24 | |
| 01 22 23 00-0991 | WK | 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump | 1,974.63 | |
| 01 22 23 00-0992 | MO | 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump | 5,799.29 | |
| **01 22 23 00-0993** | | **Diesel Powered Portable Silenced Environmental Trash Pumps** *(01 22 23 00-0921)* Note: Includes delivery, set-up, and removal. Excludes operator. | | |
| 01 22 23 00-0994 | DAY | 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 410.58 | |
| 01 22 23 00-0995 | WK | 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 934.60 | |
| 01 22 23 00-0996 | MO | 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 2,914.02 | |
| 01 22 23 00-0997 | DAY | 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 503.24 | |
| 01 22 23 00-0998 | WK | 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 1,254.12 | |
| 01 22 23 00-0999 | MO | 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 3,410.88 | |
| 01 22 23 00-1000 | DAY | 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 607.09 | |
| 01 22 23 00-1001 | WK | 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 1,795.70 | |
| 01 22 23 00-1002 | MO | 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 5,008.48 | |
| 01 22 23 00-1003 | DAY | 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 913.83 | |
| 01 22 23 00-1004 | WK | 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 2,334.09 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-1005 | MO | 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump | 6,853.70 | |

## 01 22 23 00-1006 Gas Powered Portable Diaphragm Pumps *(01 22 23 00-0921)*

Note: Includes delivery, set-up, and removal. Excludes operator.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1007 | DAY | 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump | 73.49 | |
| 01 22 23 00-1008 | WK | 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump | 207.69 | |
| 01 22 23 00-1009 | MO | 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump | 527.21 | |
| 01 22 23 00-1010 | DAY | 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump | 89.47 | |
| 01 22 23 00-1011 | WK | 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump | 239.64 | |
| 01 22 23 00-1012 | MO | 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump | 678.98 | |

## 01 22 23 00-1013 3 Phase Electric Submersible Pumps *(01 22 23 00-0921)*

Note: Includes delivery, set-up, and removal. Excludes operator.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1014 | DAY | 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump | 159.76 | |
| 01 22 23 00-1015 | WK | 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump | 399.40 | |
| 01 22 23 00-1016 | MO | 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump | 1,198.20 | |
| 01 22 23 00-1017 | DAY | 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump | 210.88 | |
| 01 22 23 00-1018 | WK | 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump | 527.21 | |
| 01 22 23 00-1019 | MO | 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump | 1,581.62 | |

## 01 22 23 00-1020 Hydraulic Submersible Pumps *(01 22 23 00-0921)*

Note: Includes delivery, set-up, and removal. Excludes operator.

## 01 22 23 00-1021 Hydraulic Submersible Pumps *(01 22 23 00-1020)*

Note: Includes delivery, set-up, and removal. Excludes operator.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1022 | DAY | 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump | 105.44 | |
| 01 22 23 00-1023 | WK | 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump | 282.78 | |
| 01 22 23 00-1024 | MO | 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump | 790.81 | |
| 01 22 23 00-1025 | DAY | 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump | 134.20 | |
| 01 22 23 00-1026 | WK | 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump | 345.08 | |
| 01 22 23 00-1027 | MO | 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump | 1,054.42 | |

## 01 22 23 00-1028 Hydraulic Submersible Pump Diesel Power Packs *(01 22 23 00-1020)*

Note: Includes delivery, set-up, and removal. Excludes operator.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1029 | DAY | 100 HP, Hydraulic Submersible Pump Diesel Power Pack | 243.63 | |
| 01 22 23 00-1030 | WK | 100 HP, Hydraulic Submersible Pump Diesel Power Pack | 726.91 | |
| 01 22 23 00-1031 | MO | 100 HP, Hydraulic Submersible Pump Diesel Power Pack | 1,917.12 | |

## 01 22 23 00-1032 HDPE Pipe With Couplings *(01 22 23 00-0921)*

Note: Includes delivery, set-up, and removal.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1033 | DAY | 4" x 20' HDPE Pipe With Couplings | 14.75 | |
| 01 22 23 00-1034 | WK | 4" x 20' HDPE Pipe With Couplings | 35.40 | |
| 01 22 23 00-1035 | MO | 4" x 20' HDPE Pipe With Couplings | 109.15 | |
| 01 22 23 00-1036 | DAY | 6" x 20' HDPE Pipe With Couplings | 23.60 | |
| 01 22 23 00-1037 | WK | 6" x 20' HDPE Pipe With Couplings | 59.00 | |
| 01 22 23 00-1038 | MO | 6" x 20' HDPE Pipe With Couplings | 179.95 | |
| 01 22 23 00-1039 | DAY | 8" x 20' HDPE Pipe With Couplings | 38.35 | |
| 01 22 23 00-1040 | WK | 8" x 20' HDPE Pipe With Couplings | 100.30 | |
| 01 22 23 00-1041 | MO | 8" x 20' HDPE Pipe With Couplings | 297.95 | |
| 01 22 23 00-1042 | DAY | 10" x 20' HDPE Pipe With Couplings | 47.20 | |
| 01 22 23 00-1043 | WK | 10" x 20' HDPE Pipe With Couplings | 120.95 | |
| 01 22 23 00-1044 | MO | 10" x 20' HDPE Pipe With Couplings | 368.75 | |
| 01 22 23 00-1045 | DAY | 12" x 10' HDPE Pipe With Couplings | 35.40 | |
| 01 22 23 00-1046 | WK | 12" x 10' HDPE Pipe With Couplings | 97.35 | |
| 01 22 23 00-1047 | MO | 12" x 10' HDPE Pipe With Couplings | 295.00 | |
| 01 22 23 00-1048 | DAY | 4" Elbow For HDPE Pipe, Quick Connect | 35.40 | |
| 01 22 23 00-1049 | WK | 4" Elbow For HDPE Pipe, Quick Connect | 91.45 | |
| 01 22 23 00-1050 | MO | 4" Elbow For HDPE Pipe, Quick Connect | 271.40 | |
| 01 22 23 00-1051 | DAY | 6" Elbow For HDPE Pipe, Quick Connect | 41.30 | |
| 01 22 23 00-1052 | WK | 6" Elbow For HDPE Pipe, Quick Connect | 106.20 | |
| 01 22 23 00-1053 | MO | 6" Elbow For HDPE Pipe, Quick Connect | 324.50 | |
| 01 22 23 00-1054 | DAY | 8" Elbow For HDPE Pipe, Quick Connect | 47.20 | |
| 01 22 23 00-1055 | WK | 8" Elbow For HDPE Pipe, Quick Connect | 120.95 | |
| 01 22 23 00-1056 | MO | 8" Elbow For HDPE Pipe, Quick Connect | 368.75 | |
| 01 22 23 00-1057 | DAY | 10" Elbow For HDPE Pipe, Quick Connect | 59.00 | |
| 01 22 23 00-1058 | WK | 10" Elbow For HDPE Pipe, Quick Connect | 150.45 | |
| 01 22 23 00-1059 | MO | 10" Elbow For HDPE Pipe, Quick Connect | 457.25 | |
| 01 22 23 00-1060 | DAY | 12" Elbow For HDPE Pipe, Quick Connect | 59.00 | |
| 01 22 23 00-1061 | WK | 12" Elbow For HDPE Pipe, Quick Connect | 150.45 | |
| 01 22 23 00-1062 | MO | 12" Elbow For HDPE Pipe, Quick Connect | 457.25 | |
| 01 22 23 00-1063 | DAY | 4" Tee For HDPE Pipe, Quick Connect | 35.40 | |
| 01 22 23 00-1064 | WK | 4" Tee For HDPE Pipe, Quick Connect | 91.45 | |
| 01 22 23 00-1065 | MO | 4" Tee For HDPE Pipe, Quick Connect | 271.40 | |
| 01 22 23 00-1066 | DAY | 6" Tee For HDPE Pipe, Quick Connect | 47.20 | |
| 01 22 23 00-1067 | WK | 6" Tee For HDPE Pipe, Quick Connect | 120.95 | |
| 01 22 23 00-1068 | MO | 6" Tee For HDPE Pipe, Quick Connect | 368.75 | |
| 01 22 23 00-1069 | DAY | 8" Tee For HDPE Pipe, Quick Connect | 59.00 | |
| 01 22 23 00-1070 | WK | 8" Tee For HDPE Pipe, Quick Connect | 150.45 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-1071 | MO | 8" Tee For HDPE Pipe, Quick Connect | 457.25 | |
| 01 22 23 00-1072 | DAY | 10" Tee For HDPE Pipe, Quick Connect | 70.80 | |
| 01 22 23 00-1073 | WK | 10" Tee For HDPE Pipe, Quick Connect | 179.95 | |
| 01 22 23 00-1074 | MO | 10" Tee For HDPE Pipe, Quick Connect | 545.75 | |
| 01 22 23 00-1075 | DAY | 12" Tee For HDPE Pipe, Quick Connect | 70.80 | |
| 01 22 23 00-1076 | WK | 12" Tee For HDPE Pipe, Quick Connect | 179.95 | |
| 01 22 23 00-1077 | MO | 12" Tee For HDPE Pipe, Quick Connect | 545.75 | |
| 01 22 23 00-1078 | DAY | 4" Cap For HDPE Pipe, Quick Connect | 5.90 | |
| 01 22 23 00-1079 | WK | 4" Cap For HDPE Pipe, Quick Connect | 17.70 | |
| 01 22 23 00-1080 | MO | 4" Cap For HDPE Pipe, Quick Connect | 53.10 | |
| 01 22 23 00-1081 | DAY | 6" Cap For HDPE Pipe, Quick Connect | 5.90 | |
| 01 22 23 00-1082 | WK | 6" Cap For HDPE Pipe, Quick Connect | 17.70 | |
| 01 22 23 00-1083 | MO | 6" Cap For HDPE Pipe, Quick Connect | 53.10 | |
| 01 22 23 00-1084 | DAY | 8" Cap For HDPE Pipe, Quick Connect | 5.90 | |
| 01 22 23 00-1085 | WK | 8" Cap For HDPE Pipe, Quick Connect | 17.70 | |
| 01 22 23 00-1086 | MO | 8" Cap For HDPE Pipe, Quick Connect | 53.10 | |
| 01 22 23 00-1087 | DAY | 10" Cap For HDPE Pipe, Quick Connect | 5.90 | |
| 01 22 23 00-1088 | WK | 10" Cap For HDPE Pipe, Quick Connect | 17.70 | |
| 01 22 23 00-1089 | MO | 10" Cap For HDPE Pipe, Quick Connect | 53.10 | |
| 01 22 23 00-1090 | DAY | 12" Cap For HDPE Pipe, Quick Connect | 5.90 | |
| 01 22 23 00-1091 | WK | 12" Cap For HDPE Pipe, Quick Connect | 17.70 | |
| 01 22 23 00-1092 | MO | 12" Cap For HDPE Pipe, Quick Connect | 53.10 | |
| 01 22 23 00-1093 | DAY | 4" Wye For HDPE Pipe, Quick Connect | 17.70 | |
| 01 22 23 00-1094 | WK | 4" Wye For HDPE Pipe, Quick Connect | 44.25 | |
| 01 22 23 00-1095 | MO | 4" Wye For HDPE Pipe, Quick Connect | 135.70 | |
| 01 22 23 00-1096 | DAY | 6" Wye For HDPE Pipe, Quick Connect | 20.65 | |
| 01 22 23 00-1097 | WK | 6" Wye For HDPE Pipe, Quick Connect | 53.10 | |
| 01 22 23 00-1098 | MO | 6" Wye For HDPE Pipe, Quick Connect | 162.25 | |
| 01 22 23 00-1099 | DAY | 8" Wye For HDPE Pipe, Quick Connect | 35.40 | |
| 01 22 23 00-1100 | WK | 8" Wye For HDPE Pipe, Quick Connect | 91.45 | |
| 01 22 23 00-1101 | MO | 8" Wye For HDPE Pipe, Quick Connect | 271.40 | |
| 01 22 23 00-1102 | DAY | 10" Wye For HDPE Pipe, Quick Connect | 53.10 | |
| 01 22 23 00-1103 | WK | 10" Wye For HDPE Pipe, Quick Connect | 135.70 | |
| 01 22 23 00-1104 | MO | 10" Wye For HDPE Pipe, Quick Connect | 413.00 | |
| 01 22 23 00-1105 | DAY | 12" Wye For HDPE Pipe, Quick Connect | 53.10 | |
| 01 22 23 00-1106 | WK | 12" Wye For HDPE Pipe, Quick Connect | 135.70 | |
| 01 22 23 00-1107 | MO | 12" Wye For HDPE Pipe, Quick Connect | 413.00 | |

## 01 22 23 00-1108 Temporary Building Services *(01 22 23)*

## 01 22 23 00-1109 Chillers *(01 22 23 00-1108)*

Note: Excludes operator, delivery, set-up, and removal.

## 01 22 23 00-1110 Chiller Rental Accessories *(01 22 23 00-1109)*

| | | | |
|---|---|---|---|
| 01 22 23 00-1111 | MO | 6" x 25' Flexible Water Hose For Chiller Rental | 70.22 |
| 01 22 23 00-1112 | MO | 4" x 25' Flexible Water Hose For Chiller Rental | 56.17 |

## 01 22 23 00-1113 Air Cooled Chillers *(01 22 23 00-1109)*

| | | | |
|---|---|---|---|
| 01 22 23 00-1114 | MO | 60 Ton Air Cooled Chiller Rental | 6,169.20 |
| | | *For >3 To 6 Month Rental, Deduct* | *-925.38* |
| | | *For >6 Month Rental, Deduct* | *-1,542.30* |
| 01 22 23 00-1115 | MO | 300 Ton Air Cooled Chiller Rental<br>Note: Includes trailer. | 20,127.82 |
| | | *For >3 To 6 Month Rental, Deduct* | *-3,019.17* |
| | | *For >6 Month Rental, Deduct* | *-5,031.96* |
| 01 22 23 00-1116 | MO | 25 Ton Air Cooled Chiller Rental | 3,152.40 |
| | | *For >3 To 6 Month Rental, Deduct* | *-472.86* |
| | | *For >6 Month Rental, Deduct* | *-788.10* |
| 01 22 23 00-1117 | MO | 40 Ton Air Cooled Chiller Rental | 5,043.85 |
| | | *For >3 To 6 Month Rental, Deduct* | *-756.58* |
| | | *For >6 Month Rental, Deduct* | *-1,260.96* |
| 01 22 23 00-1118 | MO | 80 Ton Air Cooled Chiller Rental | 7,294.55 |
| | | *For >3 To 6 Month Rental, Deduct* | *-1,094.18* |
| | | *For >6 Month Rental, Deduct* | *-1,823.64* |
| 01 22 23 00-1119 | MO | 100 Ton Air Cooled Chiller Rental | 8,419.90 |
| | | *For >3 To 6 Month Rental, Deduct* | *-1,262.99* |
| | | *For >6 Month Rental, Deduct* | *-2,104.98* |
| 01 22 23 00-1120 | MO | 125 Ton Air Cooled Chiller Rental | 9,754.62 |
| | | *For >3 To 6 Month Rental, Deduct* | *-1,463.19* |
| | | *For >6 Month Rental, Deduct* | *-2,438.66* |
| 01 22 23 00-1121 | MO | 155 Ton Air Cooled Chiller Rental | 11,800.70 |
| | | *For >3 To 6 Month Rental, Deduct* | *-1,770.11* |
| | | *For >6 Month Rental, Deduct* | *-2,950.18* |
| 01 22 23 00-1122 | MO | 170 Ton Air Cooled Chiller Rental | 12,619.14 |
| | | *For >3 To 6 Month Rental, Deduct* | *-1,892.87* |
| | | *For >6 Month Rental, Deduct* | *-3,154.79* |
| 01 22 23 00-1123 | MO | 200 Ton Air Cooled Chiller Rental | 14,496.31 |
| | | *For >3 To 6 Month Rental, Deduct* | *-2,174.45* |
| | | *For >6 Month Rental, Deduct* | *-3,624.08* |
| 01 22 23 00-1124 | MO | 250 Ton Air Cooled Chiller Rental | 17,249.02 |
| | | *For >3 To 6 Month Rental, Deduct* | *-2,587.35* |
| | | *For >6 Month Rental, Deduct* | *-4,312.26* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-1125 | MO | 400 Ton Air Cooled Chiller Rental<br>Note: Includes trailer, pump and 200' of 6" hose. | 26,551.59 | |
| | | *For >3 To 6 Month Rental, Deduct* | *-3,982.74* | |
| | | *For >6 Month Rental, Deduct* | *-6,637.90* | |
| 01 22 23 00-1126 | MO | 500 Ton Air Cooled Chiller Rental<br>Note: Includes trailer, pump and 200' of 6" hose. | 32,865.91 | |
| | | *For >3 To 6 Month Rental, Deduct* | *-4,929.89* | |
| | | *For >6 Month Rental, Deduct* | *-8,216.48* | |
| 01 22 23 00-1127 | EA | Setup Air Cooled Chiller Rental Unit<br>Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded. | 4,706.60 | |

## 01 22 23 00-1128 Emergency Cooler/Freezer *(01 22 23 00-1108)*

Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1129 | WK | 10 x 7 x 7 Emergency Freezer Rental | 742.07 | |
| 01 22 23 00-1130 | WK | 10 x 7 x 7 Emergency Cooler Rental | 636.06 | |
| 01 22 23 00-1131 | DAY | 8 x 6 x 7 Emergency Cooler Rental | 79.51 | |
| 01 22 23 00-1132 | WK | 8 x 6 x 7 Emergency Cooler Rental | 424.04 | |
| 01 22 23 00-1133 | DAY | 10 x 7 x 7 Emergency Cooler Rental | 159.02 | |
| 01 22 23 00-1134 | MO | 10 x 7 x 7 Emergency Cooler Rental | 1,590.15 | |
| 01 22 23 00-1135 | DAY | 10 x 7 x 7 Emergency Freezer Rental | 185.52 | |
| 01 22 23 00-1136 | MO | 10 x 7 x 7 Emergency Freezer Rental | 1,908.18 | |
| 01 22 23 00-1137 | DAY | 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental | 212.02 | |
| 01 22 23 00-1138 | WK | 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental | 848.08 | |
| 01 22 23 00-1139 | MO | 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental | 2,120.20 | |

## 01 22 23 00-1140 Boilers *(01 22 23 00-1108)*

Note: Excludes operator, delivery, set-up, and removal.

## 01 22 23 00-1141 Electric Boilers *(01 22 23 00-1140)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1142 | MO | 40 MBH, 12 KW Electric Boiler Rental | 2,360.98 | |
| 01 22 23 00-1143 | MO | 60 MBH, 20 KW Electric Boiler Rental | 2,575.65 | |
| 01 22 23 00-1144 | MO | 95 MBH, 30 KW Electric Boiler Rental | 2,682.98 | |
| 01 22 23 00-1145 | MO | 135 MBH, 40 KW Electric Boiler Rental | 3,004.88 | |
| 01 22 23 00-1146 | MO | 165 MBH, 50 KW Electric Boiler Rental | 4,185.37 | |
| 01 22 23 00-1147 | MO | 215 MBH, 60 KW Electric Boiler Rental | 4,829.29 | |
| 01 22 23 00-1148 | MO | 365 MBH, 100 KW Electric Boiler Rental | 6,331.78 | |
| 01 22 23 00-1149 | MO | 510 MBH, 150 KW Electric Boiler Rental | 7,726.93 | |

## 01 22 23 00-1150 Oil/Gas Fired Boilers *(01 22 23 00-1140)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1151 | MO | Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental | 2,080.00 | |
| | | *For >3 Months Rental, Deduct* | *-312.00* | |
| 01 22 23 00-1152 | MO | >100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental | 2,704.00 | |
| | | *For >3 Months Rental, Deduct* | *-405.60* | |
| 01 22 23 00-1153 | MO | >250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental | 4,368.00 | |
| | | *For >3 Months Rental, Deduct* | *-655.20* | |
| 01 22 23 00-1154 | MO | >500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental | 6,032.00 | |
| | | *For >3 Months Rental, Deduct* | *-904.80* | |

## 01 22 23 00-1155 Oil Fired Boilers *(01 22 23 00-1140)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1156 | MO | 250 HP Oil Fired Boiler Rental | 6,630.82 | |
| 01 22 23 00-1157 | MO | 350 HP Oil Fired Boiler Rental | 8,841.10 | |
| 01 22 23 00-1158 | MO | 500 HP Oil Fired Boiler Rental | 11,051.37 | |
| 01 22 23 00-1159 | MO | 600 HP Oil Fired Boiler Rental | 12,156.51 | |

## 01 22 23 00-1160 Boilers Setup *(01 22 23 00-1140)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1161 | EA | Setup Rental Boiler<br>Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane. | 6,770.90 | |

## 01 22 23 00-1162 Fuel Oil Tank *(01 22 23 00-1108)*

Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0686 for reimbursable fuel fees.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1163 | MO | 100 Gallon Portable Double Wall Fuel Oil Tank Rental | 358.71 | |
| 01 22 23 00-1164 | MO | 275 Gallon Portable Double Wall Fuel Oil Tank Rental | 557.99 | |
| 01 22 23 00-1165 | MO | 500 Gallon Portable Double Wall Fuel Oil Tank Rental | 1,394.98 | |
| 01 22 23 00-1166 | MO | 1,000 Gallon Portable Double Wall Fuel Oil Tank Rental | 2,324.96 | |
| 01 22 23 00-1167 | MO | 2,300 Gallon Portable Double Wall Fuel Oil Tank Rental | 3,068.95 | |
| 01 22 23 00-1168 | MO | 5,000 Gallon Portable Double Wall Fuel Oil Tank Rental | 5,482.48 | |

## 01 22 23 00-1169 Truck And Trailer Equipment *(01 22 23)*

## 01 22 23 00-1170 Trucks *(01 22 23 00-1169)*

Note: Includes driver, delivery, and removal.

## 01 22 23 00-1171 Rear Dump Trucks *(01 22 23 00-1170)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-1172 | DAY | 2.5 CY Rear Dump Truck With Full-Time Truck Driver | 1,031.59 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1173 | WK | 2.5 CY Rear Dump Truck With Full-Time Truck Driver | 4,341.08 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1174 | MO | 2.5 CY Rear Dump Truck With Full-Time Truck Driver | 17,648.13 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-1175 | DAY | 4 CY Rear Dump Truck With Full-Time Truck Driver | 1,146.41 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1176 | WK | 4 CY Rear Dump Truck With Full-Time Truck Driver | 4,696.81 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1177 | MO | 4 CY Rear Dump Truck With Full-Time Truck Driver | 18,141.27 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-1178 | DAY | 6 CY Rear Dump Truck With Full-Time Truck Driver | 1,212.29 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1179 | WK | 6 CY Rear Dump Truck With Full-Time Truck Driver | 4,837.98 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1180 | MO | 6 CY Rear Dump Truck With Full-Time Truck Driver | 18,235.38 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-1181 | DAY | 13 CY Rear Dump Truck With Full-Time Truck Driver | 1,993.40 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1182 | WK | 13 CY Rear Dump Truck With Full-Time Truck Driver | 6,447.26 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1183 | MO | 13 CY Rear Dump Truck With Full-Time Truck Driver | 22,752.66 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-1184 | DAY | 18 CY Rear Dump Truck With Full-Time Truck Driver | 2,124.21 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1185 | WK | 18 CY Rear Dump Truck With Full-Time Truck Driver | 6,749.35 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1186 | MO | 18 CY Rear Dump Truck With Full-Time Truck Driver | 23,543.18 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |

## 01 22 23 00-1187 Light Duty Trucks *(01 22 23 00-1170)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1188 | WK | 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver | 4,122.49 | |
| | | *For Equipment Without Operator, Deduct* | *-3,379.04* | |
| 01 22 23 00-1189 | DAY | 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver | 902.39 | |
| | | *For Equipment Without Operator, Deduct* | *-675.81* | |
| 01 22 23 00-1190 | MO | 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver | 16,200.24 | |
| | | *For Equipment Without Operator, Deduct* | *-14,642.53* | |
| 01 22 23 00-1191 | DAY | 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver | 944.87 | |
| | | *For Equipment Without Operator, Deduct* | *-675.81* | |
| 01 22 23 00-1192 | WK | 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver | 4,249.94 | |
| | | *For Equipment Without Operator, Deduct* | *-3,379.04* | |
| 01 22 23 00-1193 | MO | 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver | 16,483.46 | |
| | | *For Equipment Without Operator, Deduct* | *-14,642.53* | |

## 01 22 23 00-1194 Vacuum Trucks *(01 22 23 00-1170)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1195 | DAY | 5,000 Gallon Vacuum Truck With Full-Time Truck Driver | 1,983.99 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1196 | WK | 5,000 Gallon Vacuum Truck With Full-Time Truck Driver | 7,337.54 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1197 | MO | 5,000 Gallon Vacuum Truck With Full-Time Truck Driver | 26,389.07 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |

## 01 22 23 00-1198 Flat Bed Trucks *(01 22 23 00-1170)*

Note: Includes hydraulic tilt bed.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1199 | DAY | 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 935.74 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1200 | WK | 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 4,082.97 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1201 | MO | 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 16,505.95 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-1202 | DAY | 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 1,044.05 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1203 | WK | 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 4,360.52 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1204 | MO | 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 17,216.74 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| 01 22 23 00-1205 | DAY | 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 1,121.77 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1206 | WK | 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 4,657.57 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1207 | MO | 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver | 18,347.25 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |

## 01 22 23 00-1208 Water Trucks *(01 22 23 00-1170)*

Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-0948 for additional discharge hose, 01 22 23 00-1220 for water trailer, 31 23 23 23-0001 for compaction water as required for earth/aggregate backfill.

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1209 | DAY | 2,000 Gallon Water Truck With Full-Time Driver | 1,342.27 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| | | *For Each 1,000 Gallon Of Purchased Water, Add* | *12.65* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 22 23 00-1210 | WK | 2,000 Gallon Water Truck With Full-Time Driver | 5,156.43 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| | | *For Each 1,000 Gallon Of Purchased Water, Add* | *12.65* | |
| 01 22 23 00-1211 | MO | 2,000 Gallon Water Truck With Full-Time Driver | 18,935.42 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| | | *For Each 1,000 Gallon Of Purchased Water, Add* | *12.65* | |
| 01 22 23 00-1212 | DAY | 3,700 To 4,000 Gallon Water Truck With Full-Time Driver | 1,663.47 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| | | *For Each 1,000 Gallon Of Purchased Water, Add* | *12.65* | |
| 01 22 23 00-1213 | WK | 3,700 To 4,000 Gallon Water Truck With Full-Time Driver | 6,120.03 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| | | *For Each 1,000 Gallon Of Purchased Water, Add* | *12.65* | |
| 01 22 23 00-1214 | MO | 3,700 To 4,000 Gallon Water Truck With Full-Time Driver | 21,417.42 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |
| | | *For Each 1,000 Gallon Of Purchased Water, Add* | *12.65* | |

### 01 22 23 00-1215 Asphalt Distribution Trucks *(01 22 23 00-1170)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1216 | DAY | 3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver | 1,845.56 | |
| | | *For Equipment Without Operator, Deduct* | *-685.27* | |
| 01 22 23 00-1217 | WK | 3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver | 6,892.31 | |
| | | *For Equipment Without Operator, Deduct* | *-3,426.33* | |
| 01 22 23 00-1218 | MO | 3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver | 25,093.74 | |
| | | *For Equipment Without Operator, Deduct* | *-14,847.42* | |

### 01 22 23 00-1219 Trailers *(01 22 23 00-1169)*

Note: Includes delivery to job site and pick-up when complete.

### 01 22 23 00-1220 Water Trailers With Pump *(01 22 23 00-1219)*

| | | | | |
|---|---|---|---|---|
| 01 22 23 00-1221 | WK | 500 To 600 Gallon Water Trailer With Pump | 430.70 | |
| 01 22 23 00-1222 | DAY | 500 To 600 Gallon Water Trailer With Pump | 167.90 | |
| 01 22 23 00-1223 | MO | 500 To 600 Gallon Water Trailer With Pump | 1,153.40 | |

# 01 40 Quality Requirements *(01)*

## 01 45 Quality Control *(01 40)*

### 01 45 23 Testing and Inspecting Services *(01 45)*

Note: For application to existing materials/site conditions only. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

### 01 45 23 00-0001 Other Testing *(01 45 23)*

### 01 45 23 00-0002 Special Testing *(01 45 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 01 45 23 00-0003 | EA | Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617 | 897.80 | |
| 01 45 23 00-0004 | EA | Asphalt Roofing Cut-out Samples, To Determine Unit Weight | 149.63 | |
| 01 45 23 00-0005 | EA | Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria) | 45.14 | |
| 01 45 23 00-0006 | EA | Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample | 187.12 | |
| 01 45 23 00-0007 | EA | Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample | 187.12 | |
| 01 45 23 00-0008 | EA | Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample | 187.12 | |
| 01 45 23 00-0009 | EA | Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample | 1,029.16 | |

### 01 45 23 00-0010 Nondestructive Field Testing Services *(01 45 23 00-0001)*

### 01 45 23 00-0011 Infrared Thermography *(01 45 23 00-0010)*

Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.

### 01 45 23 00-0012 Roof Investigation And Moisture Survey Using Infrared Thermography *(01 45 23 00-0011)*

Note: For on the roof surveys.

| | | | | |
|---|---|---|---|---|
| 01 45 23 00-0013 | EA | Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge | 3,368.16 | |
| 01 45 23 00-0014 | CSF | Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography | 5.61 | |
| | | *For CADD Drawings, Add* | *1.12* | |
| 01 45 23 00-0015 | CSF | >10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography | 3.74 | |
| | | *For CADD Drawings, Add* | *0.75* | |
| 01 45 23 00-0016 | CSF | >50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography | 2.81 | |
| | | *For CADD Drawings, Add* | *0.56* | |
| | | *For Elevated Infrared Thermography Roof Investigation, Add* | *0.70* | |
| | | *For Aerial Infrared Thermography Roof Investigation, Add* | *0.70* | |
| 01 45 23 00-0017 | CSF | >250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography | 1.87 | |
| | | *For CADD Drawings, Add* | *0.37* | |
| | | *For Elevated Infrared Thermography Roof Investigation, Add* | *0.47* | |
| | | *For Aerial Infrared Thermography Roof Investigation, Add* | *0.47* | |

### 01 45 23 00-0018 Building Moisture Investigation Using Infrared Thermography *(01 45 23 00-0011)*

Note: For finding moisture in walls and windows.

| | | | | |
|---|---|---|---|---|
| 01 45 23 00-0019 | EA | Building Moisture Investigation Using Infrared Thermography, Mobilization Charge | 1,777.64 | |
| 01 45 23 00-0020 | CSF | Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography | 5.61 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *2.81* | |
| 01 45 23 00-0021 | CSF | >1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography | 3.74 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *1.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 45 23 00-0022 | CSF | >5,000 SF, Building Moisture Investigation Using Infrared Thermography | 1.87 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *0.94* | |
| **01 45 23 00-0023** | | **General Building Investigation Using Infrared Thermography** *(01 45 23 00-0011)* | | |
| | | Note: For finding missing or misplaced insulation, air leakage and delamination. | | |
| 01 45 23 00-0024 | EA | General Building Investigation Using Infrared Thermography, Mobilization Charge | 3,648.84 | |
| 01 45 23 00-0025 | CSF | Up To 1,000 SF, General Building Investigation Using Infrared Thermography | 5.61 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *2.81* | |
| 01 45 23 00-0026 | CSF | >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography | 3.74 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *1.87* | |
| 01 45 23 00-0027 | CSF | >5,000 SF, General Building Investigation Using Infrared Thermography | 1.87 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *0.94* | |
| **01 45 23 00-0028** | | **Electrical /Mechanical Equipment Scanning Using Infrared Thermography** *(01 45 23 00-0011)* | | |
| | | Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction. | | |
| 01 45 23 00-0029 | EA | Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge | 1,777.64 | |
| 01 45 23 00-0030 | HR | Electrical /Mechanical Equipment Scanning Using Infrared Thermography | 195.79 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *29.30* | |
| **01 45 23 00-0031** | | **Concrete Block Wall Investigation Using Infrared Thermography** *(01 45 23 00-0011)* | | |
| | | Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls. | | |
| 01 45 23 00-0032 | EA | Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge | 1,777.64 | |
| 01 45 23 00-0033 | CSF | Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography | 5.61 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *0.84* | |
| 01 45 23 00-0034 | CSF | >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography | 3.74 | |
| | | *For Digital Or Analog Recording Of All Items, Add* | *0.56* | |
| **01 45 23 00-0035** | | **Other Nondestructive Field Testing Services** *(01 45 23 00-0010)* | | |
| 01 45 23 00-0036 | HR | ASNT Certified Level I NDT Consultant | 86.98 | |
| 01 45 23 00-0037 | HR | ASNT Certified Level II NDT Consultant | 108.50 | |
| 01 45 23 00-0038 | HR | ASNT Certified Level III NDT Consultant | 124.60 | |
| 01 45 23 00-0039 | HR | Certified Industrial Radiography Radiation Safety Personnel | 95.50 | |
| **01 45 23 00-0040** | | **Testing Professional Services** *(01 45 23 00-0001)* | | |
| 01 45 23 00-0041 | HR | Concrete, Steel, Masonry, Expansion Anchor And Soils Inspection | 179.54 | |
| 01 45 23 00-0042 | HR | Laboratory Technician | 173.74 | |
| 01 45 23 00-0043 | HR | Portable Digital Reinforcement Scanner | 250.96 | |
| 01 45 23 00-0044 | HR | Subsurface Detection Radar System | 424.71 | |
| 01 45 23 00-0045 | HR | Pavement Rehabilitation Analysis Using Deflectors | 482.62 | |
| **01 45 23 00-0046** | | **Concrete/Cement/Asphalt Testing** *(01 45 23)* | | |
| **01 45 23 00-0047** | | **Concrete Testing** *(01 45 23 00-0046)* | | |
| 01 45 23 00-0048 | EA | Concrete Cores Compression Test, ASTM C-42 | 125.48 | |
| 01 45 23 00-0049 | EA | Prepare 6 x 12 Concrete Cylinder And Deliver To Lab | 22.50 | |
| 01 45 23 00-0050 | EA | 6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633 | 61.33 | |
| 01 45 23 00-0051 | EA | 6 x 6 x 18 Concrete Flexural Test, ASTM C-78 | 183.40 | |
| 01 45 23 00-0052 | EA | Unit Weight Of Concrete Cylinder, ASTM C-567 | 67.57 | |
| 01 45 23 00-0053 | EA | Concrete Mix Design Review | 366.80 | |
| 01 45 23 00-0054 | EA | Trial Concrete Batch Prepared In Laboratory | 868.72 | |
| 01 45 23 00-0055 | EA | Concrete Shrinkage, ASTM C-157 Modified | 675.68 | |
| 01 45 23 00-0056 | EA | 6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496 | 104.25 | |
| 01 45 23 00-0057 | EA | Concrete Slump Test, ASTM C143 | 48.26 | |
| 01 45 23 00-0058 | EA | Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231 | 48.26 | |
| **01 45 23 00-0059** | | **Cement Testing** *(01 45 23 00-0046)* | | |
| 01 45 23 00-0060 | EA | Cement Grab Sample (CCR Title 24) | 48.26 | |
| | | Note: Includes sealing and storing 1 year. | | |
| 01 45 23 00-0061 | EA | 2" x 2" x 2" Cube Compression Test, All Type Materials | 77.22 | |
| **01 45 23 00-0062** | | **Asphaltic Concrete Testing** *(01 45 23 00-0046)* | | |
| 01 45 23 00-0063 | EA | Hveem Asphaltic Concrete Stability Test, CA 366 | 96.52 | |
| 01 45 23 00-0064 | EA | Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927 | 250.96 | |
| 01 45 23 00-0065 | EA | Stability Tests, Premixed, ASTM D1559 | 96.52 | |
| 01 45 23 00-0066 | EA | Stability Tests, Lab. Mixed, ASTM D1559 | 250.96 | |
| 01 45 23 00-0067 | EA | Swell Test, CA 305 | 115.83 | |
| | | Note: Includes compaction. | | |
| 01 45 23 00-0068 | EA | % Asphalt Extraction Test, ASTM D-2172 B | 289.58 | |
| 01 45 23 00-0069 | EA | Maximum Theoretical Unit Weight, ASTM C2041 | 183.99 | |
| 01 45 23 00-0070 | EA | Unit Weight Sample Requiring Compaction, California Test Method 308 | 38.61 | |
| 01 45 23 00-0071 | EA | Asphalt Unit Weight On Core Test, CA 308C | 38.61 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 45 23 00-0072 | HR | Nuclear Field Density Testing, 4 Hour Minimum | 198.84 | |
| 01 45 23 00-0073 | EA | Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664 | 130.26 | |
| 01 45 23 00-0074 | EA | Penetration, ASTM D5 | 139.44 | |
| 01 45 23 00-0075 | | Soils/Aggregate Testing *(01 45 23)* | | |
| 01 45 23 00-0076 | | Field Soils Tests *(01 45 23 00-0075)* | | |
| 01 45 23 00-0077 | EA | Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test | 289.47 | |
| 01 45 23 00-0078 | SET | Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test | 1,157.88 | |
| 01 45 23 00-0079 | EA | Plasticity Index Soils Test, ASTM D-4318, Field Soils Test | 299.23 | |
| 01 45 23 00-0080 | EA | 4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test | 424.71 | |
| 01 45 23 00-0081 | EA | 6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test | 482.62 | |
| 01 45 23 00-0082 | EA | Resistance (R) Value Soils Test, CA 301, Field Soils Test | 386.10 | |
| 01 45 23 00-0083 | EA | Soils Classification Test, ASTM D-2487, Field Soils Test | 579.15 | |
| 01 45 23 00-0084 | EA | Moisture Content, Field Soils Test | 43.42 | |
| 01 45 23 00-0085 | EA | UBC Or Swell Test, Field Soils Test | 152.11 | |
| 01 45 23 00-0086 | EA | Proctor Compaction 6" Standard Mold, Field Soils Test | 361.84 | |
| 01 45 23 00-0087 | EA | Density And Classification Test, Field Soils Test | 115.79 | |
| 01 45 23 00-0088 | EA | Percolation Test, Field Soils Test | 289.47 | |
| 01 45 23 00-0089 | EA | Infiltration Test, Field Soils Test | 578.94 | |
| 01 45 23 00-0090 | | Permeability Tests *(01 45 23 00-0075)* | | |
| 01 45 23 00-0091 | | Lab Tests *(01 45 23 00-0090)* | | |
| 01 45 23 00-0092 | EA | Constant Head Permeability Test For Granular Soils, ASTM D2432 | 408.86 | |
| 01 45 23 00-0093 | EA | Falling Head Rigid Wall Consolidometer Technique CAE | 715.50 | |
| 01 45 23 00-0094 | EA | Falling Head Permeability Test EPA-9100 | 715.50 | |
| 01 45 23 00-0095 | | In-Place Tests *(01 45 23 00-0090)* | | |
| 01 45 23 00-0096 | EA | Double Ring Infiltrometer Test, ASTM D3385 | 1,533.22 | |
| 01 45 23 00-0097 | EA | Unconfined Compressive Strength (Pocket Penetrometer) Test | 72.37 | |
| 01 45 23 00-0098 | | Aggregate Testing *(01 45 23 00-0075)* | | |
| 01 45 23 00-0099 | EA | Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202 | 96.52 | |
| 01 45 23 00-0100 | EA | Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202 | 173.74 | |
| 01 45 23 00-0101 | EA | Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202 | 241.31 | |
| 01 45 23 00-0102 | EA | Sieve Analysis, Pit Run, ASTM C136<br>Note: Includes wash. | 188.15 | |
| 01 45 23 00-0103 | EA | Specific Special Gravity, Course, ASTM C127<br>Note: Includes absorption test. | 153.32 | |
| 01 45 23 00-0104 | EA | Special Gravity, Fine, ASTM C127<br>Note: Includes absorption test. | 137.50 | |
| 01 45 23 00-0105 | EA | Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128 | 204.43 | |
| 01 45 23 00-0106 | EA | Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128 | 193.05 | |
| 01 45 23 00-0107 | EA | Aggregate Cleanness Value, ASTM C-128, CA 227 | 193.05 | |
| 01 45 23 00-0108 | EA | Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217 | 144.79 | |
| 01 45 23 00-0109 | EA | Fine Aggregate Durability Index, CA 229 | 154.44 | |
| 01 45 23 00-0110 | EA | Sodium And Magnesium Soundness, ASTM C88 | 405.26 | |
| 01 45 23 00-0111 | EA | Los Angeles Rattler, ASTM C-131, CA 211 | 308.88 | |
| 01 45 23 00-0112 | EA | Los Angeles Rattler, ASTM C-535 | 308.88 | |
| 01 45 23 00-0113 | EA | Unit Weight Of Aggregates, ASTM C29 | 86.87 | |
| 01 45 23 00-0114 | EA | Organic Impurities In Sand, ASTM C40 | 86.84 | |
| 01 45 23 00-0115 | EA | Crushed Particle, ASTM California Test Method | 86.84 | |
| 01 45 23 00-0116 | EA | Clay Lump And Friable Particles, ASTM C142 | 173.68 | |
| 01 45 23 00-0117 | | Masonry/Concrete Block/Tile Testing *(01 45 23)* | | |
| 01 45 23 00-0118 | | Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0117)* | | |
| 01 45 23 00-0119 | EA | First Unit, Moisture Condition By Relative Humidity, ASTM C427 | 405.26 | |
| 01 45 23 00-0120 | EA | Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140 | 154.44 | |
| 01 45 23 00-0121 | EA | Absorption Test, Moisture Content And Unit Weight | 106.18 | |
| 01 45 23 00-0122 | EA | Moisture Condition By Relative Humidity, ASTM C427, Additional Unit | 202.63 | |
| 01 45 23 00-0123 | | Masonry Testing *(01 45 23 00-0117)* | | |
| 01 45 23 00-0124 | EA | 2" x 4" Cylinder Mortar Compression Test | 63.71 | |
| 01 45 23 00-0125 | EA | 4" x 4" x 8" Grout Prisms Compression Test | 63.71 | |
| 01 45 23 00-0126 | EA | Masonry Cores Compression Test | 125.48 | |
| 01 45 23 00-0127 | EA | Composite Grouted Prism Compression Test | 241.31 | |
| 01 45 23 00-0128 | | Metals Testing *(01 45 23)* | | |
| 01 45 23 00-0129 | | Tank Line Tightness Testing *(01 45 23 00-0128)* | | |
| 01 45 23 00-0130 | EA | >29,999 Gallons, Tank Line Volumetric Tightness Testing | 538.56 | |
| 01 45 23 00-0131 | EA | Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing | 441.30 | |
| 01 45 23 00-0132 | EA | >12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing | 490.02 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 01 45 29 Testing Laboratory Services *(01 45)*

01 45 29 00-0001 Soil Borings Laboratory Tests *(01 45 29)*
See CSI section 02 32 13 00-0000 for soil borings.

| | | | | |
|---|---|---|---|---|
| 01 45 29 00-0002 | EA | Sieve Analysis, ASTM D422, Soil Borings Laboratory Test | 171.54 | |
| 01 45 29 00-0003 | EA | In Place Density, Soil Borings Laboratory Test | 30.66 | |
| 01 45 29 00-0004 | EA | Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test | 132.88 | |
| 01 45 29 00-0005 | EA | Shrinkage Limit, Soil Borings Laboratory Test | 42.40 | |
| 01 45 29 00-0006 | EA | Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test | 102.22 | |
| 01 45 29 00-0007 | EA | Consolidation, Soil Borings Laboratory Test | 715.50 | |
| 01 45 29 00-0008 | EA | Swell Test, Soil Borings Laboratory Test | 141.34 | |
| 01 45 29 00-0009 | EA | Moisture Content, ASTM D2216, Soil Borings Laboratory Test | 19.05 | |
| 01 45 29 00-0010 | EA | Hydrometer Analysis, Soil Borings Laboratory Test | 245.95 | |
| 01 45 29 00-0011 | EA | Specific Gravity, ASTM D854, Soil Borings Laboratory Test | 85.77 | |
| 01 45 29 00-0012 | EA | Partial Sieve Analysis, Soil Borings Laboratory Test | 16.96 | |
| 01 45 29 00-0013 | EA | Laboratory Permeability, Soil Borings Laboratory Test | 848.09 | |
| 01 45 29 00-0014 | EA | Sulfate Soundness, Soil Borings Laboratory Test | 212.02 | |
| 01 45 29 00-0015 | EA | Los Angeles Abrasion, Soil Borings Laboratory Test | 494.36 | |
| 01 45 29 00-0016 | EA | Soil Bearing Ratio, ASTM D1883 | 434.36 | |
| 01 45 29 00-0017 | EA | Compaction Test Subgrade, Soil Borings Laboratory Test | 127.21 | |
| 01 45 29 00-0018 | EA | Compaction Test Base Course, Soil Borings Laboratory Test | 107.63 | |
| 01 45 29 00-0019 | EA | In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test | 418.31 | |
| 01 45 29 00-0020 | EA | Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test | 65.02 | |

## 01 50 Temporary Facilities and Controls *(01)*

Note: Tasks in this section shall be used as directed by owner.

## 01 51 Temporary Utilities *(01 50)*

### 01 51 13 Temporary Electricity *(01 51)*

01 51 13 00-0001 Temporary Service Switch And/Or Building Feeder Switch *(01 51 13)*
Note: Includes all connections and removal after use.

| | | | | |
|---|---|---|---|---|
| 01 51 13 00-0002 | EA | Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses | 6,552.49 | |
| 01 51 13 00-0003 | EA | Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses | 1,399.63 | |
| 01 51 13 00-0004 | EA | Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses | 2,171.17 | |
| 01 51 13 00-0005 | EA | Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses | 3,983.57 | |

01 51 13 00-0006 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses *(01 51 13)*
Note: Includes mounting on wall and removal after use.

| | | | | |
|---|---|---|---|---|
| 01 51 13 00-0007 | EA | Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers | 1,453.28 | |
| 01 51 13 00-0008 | EA | Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers | 2,028.19 | |
| 01 51 13 00-0009 | EA | Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers | 3,173.64 | |
| 01 51 13 00-0010 | EA | Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers | 4,509.95 | |

01 51 13 00-0011 Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards *(01 51 13)*
Note: Includes all connections, fittings, supports and removal after use.

| | | | | |
|---|---|---|---|---|
| 01 51 13 00-0012 | LF | Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards | 10.31 | |
| 01 51 13 00-0013 | LF | Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards | 11.30 | |

### 01 51 26 Temporary Lighting *(01 51)*

01 51 26 00-0001 Temporary Devices *(01 51 26)*
Note: Includes removal after use.

| | | | | |
|---|---|---|---|---|
| 01 51 26 00-0002 | EA | Temporary High Bay Light | 380.79 | |
| 01 51 26 00-0003 | EA | Temporary Exit Light | 293.51 | |
| 01 51 26 00-0004 | EA | Temporary 10 Light String With Cages | 102.69 | |

## 01 52 Construction Facilities *(01 50)*

Note: Tasks in this section shall be used as directed by owner for owner's use.

### 01 52 13 Field Offices and Sheds *(01 52)*

01 52 13 00-0001 Field Offices and Office Trailers *(01 52 13)*
Note: Excludes furniture, utility connections and service. Minimum 6 months rental.

| | | | | |
|---|---|---|---|---|
| 01 52 13 00-0002 | MO | 8' x 24' Mobile Office, With Toilet | 190.21 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *676.94* | |
| | | *For Each Set-Up (Block And Level), Add* | *420.89* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| | | *For Office Trailer Without Toilet, Deduct* | *-38.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 52 13 00-0003 | MO | 8' x 32' Mobile Office, With Toilet | 215.57 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *676.94* | |
| | | *For Each Set-Up (Block And Level), Add* | *420.89* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| | | *For Office Trailer Without Toilet, Deduct* | *-43.11* | |
| 01 52 13 00-0004 | MO | 10' x 36' Mobile Office, With Toilet | 291.66 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *959.01* | |
| | | *For Each Set-Up (Block And Level), Add* | *686.71* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| | | *For Office Trailer Without Toilet, Deduct* | *-58.33* | |
| 01 52 13 00-0005 | MO | 10' x 40' Mobile Office, With Toilet | 310.68 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *959.01* | |
| | | *For Each Set-Up (Block And Level), Add* | *686.71* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| | | *For Office Trailer Without Toilet, Deduct* | *-62.14* | |
| 01 52 13 00-0006 | MO | 10' x 44' Mobile Office, With Toilet | 342.38 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *959.01* | |
| | | *For Each Set-Up (Block And Level), Add* | *686.71* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| 01 52 13 00-0007 | MO | 10' x 50' Mobile Office, With Toilet | 361.40 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *959.01* | |
| | | *For Each Set-Up (Block And Level), Add* | *686.71* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| 01 52 13 00-0008 | MO | 12' x 32' Mobile Office, With Toilet | 279.61 | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| | | *For Each Delivery And Set-Up (Block And Level), Add* | *918.95* | |
| | | *For Each Knock-Down And Pick-Up, Add* | *723.95* | |
| 01 52 13 00-0009 | MO | 12' x 44' Mobile Office, With Toilet | 373.83 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *959.01* | |
| | | *For Each Set-Up (Block And Level), Add* | *686.71* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| 01 52 13 00-0010 | MO | 12' x 50' Mobile Office, With Toilet | 424.80 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *959.01* | |
| | | *For Each Set-Up (Block And Level), Add* | *686.71* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| 01 52 13 00-0011 | MO | 12' x 60' Mobile Office, With Toilet | 462.85 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *959.01* | |
| | | *For Each Set-Up (Block And Level), Add* | *686.71* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| 01 52 13 00-0012 | MO | 24' x 60' Modular Office, With Toilet | 1,014.45 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *1,805.20* | |
| | | *For Each Set-Up (Block And Level), Add* | *1,107.60* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| 01 52 13 00-0013 | MO | 24' x 72' Modular Office, With Toilet | 1,217.34 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *1,805.20* | |
| | | *For Each Set-Up (Block And Level), Add* | *1,107.60* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |
| 01 52 13 00-0014 | MO | 30' x 30' Modular Office, With Toilet | 578.56 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *1,805.20* | |
| | | *For Each Set-Up (Block And Level), Add* | *1,107.60* | |
| | | *For Each Anchoring Into Dirt, Add* | *128.35* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *192.52* | |

## 01 52 13 00-0015 Accessories For Field Office Trailers *(01 52 13)*

Note: Costs includes installation or placement in trailer.

| | | | |
|---|---|---|---|
| 01 52 13 00-0016 | MO | Steps For Field Office Trailer | 44.92 |
| 01 52 13 00-0017 | MO | Desk For Field Office Trailer | 49.80 |
| 01 52 13 00-0018 | MO | File Cabinet For Field Office Trailer | 37.35 |
| 01 52 13 00-0019 | EA | Phone Hook-Up For Field Office Trailer | 136.95 |
| 01 52 13 00-0020 | MO | Local Phone Service Per Phone Line For Field Office Trailer | 87.15 |
| 01 52 13 00-0021 | MO | Rolling Desk Chair For Field Office Trailer | 31.12 |
| 01 52 13 00-0022 | MO | Table For Field Office Trailer | 24.90 |
| 01 52 13 00-0023 | MO | Folding Chair For Field Office Trailer | 11.79 |
| 01 52 13 00-0024 | MO | Security System With Monitoring For Field Office Trailer | 156.91 |
| 01 52 13 00-0025 | LF | Perimeter Trailer Skirting For Field Office Trailer | 11.56 |
| 01 52 13 00-0026 | LF | Insulated Perimeter Trailer Skirting For Field Office Trailer | 27.37 |
| 01 52 13 00-0027 | MO | Fax Machine For Field Office Trailer | 62.25 |
| 01 52 13 00-0028 | MO | Copier For Field Office Trailer | 99.60 |

## 01 52 13 00-0029 Storage Containers *(01 52 13)*

| | | | | |
|---|---|---|---|---|
| 01 52 13 00-0030 | MO | 8' x 8' x 10' Storage Container | 211.75 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *176.76* | |
| | | *For >12 Months, Deduct* | *-63.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 52 13 00-0031 | MO | 8' x 8' x 20' Storage Container | 221.38 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *194.44* | |
| | | *For >12 Months, Deduct* | *-66.41* | |
| 01 52 13 00-0032 | MO | 8' x 8' x 40' Storage Container | 261.80 | |
| | | *For Each Delivery And Removal, Two Round Trips, Add* | *391.59* | |
| | | *For >12 Months, Deduct* | *-78.54* | |

### 01 52 19 Sanitary Facilities *(01 52)*

#### 01 52 19 00-0001 Portable Toilets *(01 52 19)*

Note: Includes set-up, servicing once per week and removal.

| | | | | |
|---|---|---|---|---|
| 01 52 19 00-0002 | WK | Portable Chemical Toilet | 44.33 | |
| | | *For Each Additional Servicing Per Unit Per Week, Add* | *25.00* | |
| | | *For Each Delivery, Add* | *50.00* | |
| 01 52 19 00-0003 | MO | Portable Chemical Toilet | 132.99 | |
| | | *For Each Additional Servicing Per Unit Per Week, Add* | *25.00* | |
| | | *For Each Delivery, Add* | *50.00* | |
| 01 52 19 00-0004 | WK | Americans With Disabilities Act Compliant Portable Chemical Toilet | 52.87 | |
| | | *For Each Additional Servicing Per Unit Per Week, Add* | *25.00* | |
| | | *For Each Delivery, Add* | *50.00* | |
| 01 52 19 00-0005 | MO | Americans With Disabilities Act Compliant Portable Chemical Toilet | 155.16 | |
| | | *For Each Additional Servicing Per Unit Per Week, Add* | *25.00* | |
| | | *For Each Delivery, Add* | *50.00* | |
| 01 52 19 00-0006 | WK | Two Station Portable Handwash | 47.72 | |
| | | *For Each Delivery, Add* | *50.00* | |
| 01 52 19 00-0007 | MO | Two Station Portable Handwash | 144.74 | |
| | | *For Each Delivery, Add* | *50.00* | |

## 01 53 Temporary Construction *(01 50)*

### 01 53 16 Temporary Decking *(01 53)*

#### 01 53 16 00-0001 Temporary Walkways And Railings *(01 53 16)*

Note: Includes removal after use.

| | | | | |
|---|---|---|---|---|
| 01 53 16 00-0002 | SF | Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers | 6.55 | |
| 01 53 16 00-0003 | LF | Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail | 28.20 | |
| 01 53 16 00-0004 | LF | Temporary Wood Guardrail Base, 12" x 12" Timber Beam | 12.82 | |
| 01 53 16 00-0005 | RSR | Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers | 21.25 | |

### 01 53 23 Temporary Ramps *(01 53)*

#### 01 53 23 00-0001 Temporary Plywood For Wheel Barrow Access *(01 53 23)*

Note: Includes removal after use.

| | | | | |
|---|---|---|---|---|
| 01 53 23 00-0002 | SF | Temporary Plywood For Wheel Barrow Access | 1.46 | 0.37 |

## 01 54 Construction Aids *(01 50)*

### 01 54 09 Personnel Protection Equipment *(01 54)*

#### 01 54 09 00-0001 Personnel Protection Equipment *(01 54 09)*

Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responisbility. Includes, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.

| | | | | |
|---|---|---|---|---|
| 01 54 09 00-0002 | NTE | Personnel Protection Equipment | 0.00 | |

### 01 54 23 Temporary Scaffolding and Platforms *(01 54)*

#### 01 54 23 00-0001 Scaffolding *(01 54 23)*

Note: Additional scaffolding rental for work above the normal working height.

#### 01 54 23 00-0002 Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0020 for scaffolding rental.

| | | | | |
|---|---|---|---|---|
| 01 54 23 00-0003 | CCF | Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories | 40.29 | |
| 01 54 23 00-0004 | CCF | >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories | 50.35 | |
| 01 54 23 00-0005 | CCF | >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories | 60.42 | |
| 01 54 23 00-0006 | CCF | >60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories | 66.47 | |
| 01 54 23 00-0007 | CCF | >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories | 76.54 | |

#### 01 54 23 00-0008 Heavy Duty Masonry Scaffolding Rental - Rental Only *(01 54 23 00-0001)*

Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0014 for erection.

| | | | | |
|---|---|---|---|---|
| 01 54 23 00-0009 | CCF | Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month) | 59.56 | |
| 01 54 23 00-0010 | CCF | Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month) | 109.19 | |
| 01 54 23 00-0011 | LF | Aluminum Joists (LF / Month) | 9.68 | |
| 01 54 23 00-0012 | LF | Aluminum Stringers (LF / Month) | 13.88 | |
| 01 54 23 00-0013 | EA | Screw Jack With U-Plate For Stringers (EA / Month) | 17.50 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 01 54 23 00-0014 Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0008 for scaffolding rental.

| | | | |
|---|---|---|---|
| 01 54 23 00-0015 | CCF | Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories. | 64.45 |
| 01 54 23 00-0016 | CCF | >20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories. | 80.56 |
| 01 54 23 00-0017 | CCF | >40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories. | 96.68 |
| 01 54 23 00-0018 | CCF | >60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories. | 104.74 |
| 01 54 23 00-0019 | CCF | >80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories. | 116.82 |

## 01 54 23 00-0020 Scaffolding Rental - Rental Only *(01 54 23 00-0001)*

Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0002 for scaffolding erection and dismantling.

| | | | |
|---|---|---|---|
| 01 54 23 00-0021 | CCF | Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month) | 28.12 |
| | | *For Up To 25, Add* | *11.25* |
| | | *For >25 To 50, Add* | *7.03* |
| | | *For >50 To 150, Add* | *2.81* |
| 01 54 23 00-0022 | CCF | Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month) | 31.62 |
| | | *For Up To 25, Add* | *12.65* |
| | | *For >25 To 50, Add* | *7.91* |
| | | *For >50 To 150, Add* | *3.16* |
| 01 54 23 00-0023 | CCF | Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month) | 42.18 |
| | | *For Up To 25, Add* | *16.87* |
| | | *For >25 To 50, Add* | *10.55* |
| | | *For >50 To 150, Add* | *4.22* |

## 01 54 23 00-0024 Scaffolding Accessories *(01 54 23 00-0001)*

See CSI section 01 54 23 00-0014 for erection.

| | | | |
|---|---|---|---|
| 01 54 23 00-0025 | CSF | Netting for Exterior Building Scaffolding<br>Note: Includes removal after use. | 33.32 |

## 01 54 23 00-0026 Rolling Scaffolding *(01 54 23)*

Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.

| | | | |
|---|---|---|---|
| 01 54 23 00-0027 | DAY | >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) | 10.39 |
| 01 54 23 00-0028 | WK | >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) | 41.65 |
| 01 54 23 00-0029 | MO | >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) | 166.57 |
| 01 54 23 00-0030 | DAY | >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) | 17.40 |
| 01 54 23 00-0031 | WK | >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) | 69.68 |
| 01 54 23 00-0032 | MO | >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) | 278.76 |
| 01 54 23 00-0033 | EA | >14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold | 85.91 |
| 01 54 23 00-0034 | EA | >20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold | 107.39 |

## 01 54 23 00-0035 Shoring Posts *(01 54 23)*

Note: Includes moving to perform task and removal after use. No additional cost for relocating will be allowed.

| | | | |
|---|---|---|---|
| 01 54 23 00-0036 | DAY | 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post | 6.99 |
| 01 54 23 00-0037 | WK | 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post | 20.98 |
| 01 54 23 00-0038 | MO | 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post | 34.96 |

## 01 54 23 00-0039 Temporary Lumber *(01 54 23)*

Note: Includes removal after use.

| | | | |
|---|---|---|---|
| 01 54 23 00-0040 | SF | 5/16" CD Grade Plywood, Temporary Lumber | 2.63 |
| 01 54 23 00-0041 | SF | 1/2" CD Grade Plywood, Temporary Lumber | 3.25 |
| 01 54 23 00-0042 | SF | 5/8" CD Grade Plywood, Temporary Lumber | 3.69 |
| 01 54 23 00-0043 | SF | 3/4" CD Grade Plywood, Temporary Lumber | 4.30 |
| 01 54 23 00-0044 | SF | 1" CD Grade Plywood, Temporary Lumber | 7.05 |
| 01 54 23 00-0045 | LF | 2" x 4" Temporary Lumber | 3.96 |
| 01 54 23 00-0046 | LF | 2" x 6" Temporary Lumber | 5.39 |
| 01 54 23 00-0047 | LF | 2" x 8" Temporary Lumber | 6.82 |
| 01 54 23 00-0048 | LF | 2" x 10" Temporary Lumber | 8.25 |
| 01 54 23 00-0049 | LF | 2" x 12" Temporary Lumber | 9.69 |
| 01 54 23 00-0050 | LF | 3" x 8" Temporary Lumber | 9.69 |
| 01 54 23 00-0051 | LF | 3" x 10" Temporary Lumber | 11.83 |
| 01 54 23 00-0052 | LF | 3" x 12" Temporary Lumber | 13.98 |
| 01 54 23 00-0053 | LF | 4" x 4" Temporary Lumber | 6.38 |
| 01 54 23 00-0054 | LF | 4" x 6" Temporary Lumber | 9.78 |
| 01 54 23 00-0055 | LF | 6" x 6" Temporary Lumber | 13.17 |
| 01 54 23 00-0056 | LF | 6" x 8" Temporary Lumber | 17.33 |
| 01 54 23 00-0057 | LF | 12" x 12" Temporary Lumber | 47.74 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 54 23 00-0058 | | Temporary Precast Concrete Blocks *(01 54 23)*<br>Note: Includes removal after use. | | |
| 01 54 23 00-0059 | EA | 2' x 2' x 2' Temporary Precast Concrete Block | 95.87 | |
| 01 54 23 00-0060 | EA | 2' x 2' x 4' Temporary Precast Concrete Block | 119.83 | |
| 01 54 23 00-0061 | EA | 2' x 2' x 8' Temporary Precast Concrete Block | 143.80 | |

### 01 54 26 Temporary Swing Staging *(01 54)*

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

| | | | | |
|---|---|---|---|---|
| 01 54 26 00-0001 | | Swing Stage *(01 54 26)*<br>Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors. | | |
| 01 54 26 00-0002 | MO | 7' Swing Stage, Electric Operated | 2,617.71 | |
| 01 54 26 00-0003 | MO | 10' Swing Stage, Electric Operated | 2,748.60 | |
| 01 54 26 00-0004 | MO | 14' Swing Stage, Electric Operated | 2,879.49 | |
| 01 54 26 00-0005 | MO | 20' Swing Stage, Electric Operated | 3,010.37 | |
| 01 54 26 00-0006 | MO | 24' Swing Stage, Electric Operated | 3,141.26 | |
| 01 54 26 00-0007 | MO | 30' Swing Stage, Electric Operated | 3,272.14 | |
| 01 54 26 00-0008 | MO | 42' Swing Stage, Electric Operated | 3,403.03 | |
| 01 54 26 00-0009 | MO | 12' Swing Stage, Manually Operated | 754.85 | |
| 01 54 26 00-0010 | MO | 24' Swing Stage, Manually Operated | 943.56 | |
| 01 54 26 00-0011 | EA | Swing Stage Platform From Hooks, Erection And Dismantling<br>Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system. | 3,663.38 | |
| 01 54 26 00-0012 | EA | Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling<br>Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system. | 5,090.89 | |
| 01 54 26 00-0013 | EA | Move Swing Stage Platform From Hooks To Different Location At Same Roof | 1,926.29 | |
| 01 54 26 00-0014 | EA | Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof | 2,683.04 | |

## 01 55 Vehicular Access and Parking *(01 50)*

### 01 55 26 Traffic Control *(01 55)*

| | | | | |
|---|---|---|---|---|
| 01 55 26 00-0001 | | Removable Preformed Traffic Black Line Mask *(01 55 26)*<br>Note: Includes installation and removal after use. | | |
| 01 55 26 00-0002 | LF | 6" Removable Traffic Black Line Mask | 4.16 | |
| 01 55 26 00-0003 | LF | 8" Removable Traffic Black Line Mask | 5.04 | |
| 01 55 26 00-0004 | | Temporary Painted Traffic Lines *(01 55 26)*<br>Note: Includes installation and removal after use. | | |
| 01 55 26 00-0005 | LF | 4" Temporary Painted Traffic Lines | 1.99 | |
| | | *For Not Removed, Deduct* | *-1.28* | |
| 01 55 26 00-0006 | LF | 6" Temporary Painted Traffic Lines | 2.61 | |
| | | *For Not Removed, Deduct* | *-1.76* | |
| 01 55 26 00-0007 | LF | 8" Temporary Painted Traffic Lines | 3.28 | |
| | | *For Not Removed, Deduct* | *-2.23* | |
| 01 55 26 00-0008 | | Temporary Preformed Traffic Line Tape *(01 55 26)*<br>Note: Includes installation and removal after use. | | |
| 01 55 26 00-0009 | LF | 4" Reflective Removable Traffic Line Tape | 4.43 | |
| 01 55 26 00-0010 | LF | 6" Reflective Removable Traffic Line Tape | 6.09 | |
| 01 55 26 00-0011 | LF | 8" Reflective Removable Traffic Line Tape | 7.68 | |
| 01 55 26 00-0012 | | Pedestrian Traffic Control *(01 55 26)* | | |
| 01 55 26 00-0013 | CLF | 1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange | 11.23 | |
| 01 55 26 00-0014 | CLF | 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange | 15.41 | |
| 01 55 26 00-0015 | CLF | 3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow | 7.77 | |
| 01 55 26 00-0016 | CLF | 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow | 9.87 | |
| 01 55 26 00-0017 | CLF | 3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent | 11.23 | |
| 01 55 26 00-0018 | CLF | 6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent | 16.58 | |
| 01 55 26 00-0019 | CLF | 1" Exterior Vinyl Tape (Warning Tape) | 14.20 | |
| 01 55 26 00-0020 | CLF | 2" Exterior Vinyl Tape (Warning Tape) | 21.04 | |
| 01 55 26 00-0021 | CLF | 3" Exterior Vinyl Tape (Warning Tape) | 27.80 | |
| 01 55 26 00-0022 | CLF | 4" Exterior Vinyl Tape (Warning Tape) | 32.59 | |
| 01 55 26 00-0023 | | Linear Delineation System, Temporary Or Permanent *(01 55 26)*<br>Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M. | | |
| 01 55 26 00-0024 | LF | 4" Linear Delineation System | 9.71 | |
| 01 55 26 00-0025 | LF | 6" Linear Delineation System | 13.20 | |
| 01 55 26 00-0026 | | Traffic Protection *(01 55 26)* | | |
| 01 55 26 00-0027 | | Portable Traffic Control Device Usage *(01 55 26 00-0026)*<br>Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal. | | |
| 01 55 26 00-0028 | DAY | 28" Cone With Reflective Collar | 0.75 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 55 26 00-0029 | WK | 28" Cone With Reflective Collar | 2.25 | |
| 01 55 26 00-0030 | MO | 28" Cone With Reflective Collar | 6.76 | |
| 01 55 26 00-0031 | DAY | Vertical Panel | 2.27 | |
| 01 55 26 00-0032 | WK | Vertical Panel | 6.80 | |
| 01 55 26 00-0033 | MO | Vertical Panel | 20.41 | |
| 01 55 26 00-0034 | DAY | Channelizer Drum | 2.46 | |
| 01 55 26 00-0035 | WK | Channelizer Drum | 7.38 | |
| 01 55 26 00-0036 | MO | Channelizer Drum | 22.15 | |
| 01 55 26 00-0037 | DAY | Stackable Channelizer Panel | 1.16 | |
| 01 55 26 00-0038 | WK | Stackable Channelizer Panel | 3.49 | |
| 01 55 26 00-0039 | MO | Stackable Channelizer Panel | 10.48 | |
| 01 55 26 00-0040 | DAY | Type I Barricade, Up To 3' Wide With Reflective Rail Each Side | 1.61 | |
| 01 55 26 00-0041 | WK | Type I Barricade, Up To 3' Wide With Reflective Rail Each Side | 4.84 | |
| 01 55 26 00-0042 | MO | Type I Barricade, Up To 3' Wide With Reflective Rail Each Side | 14.51 | |
| 01 55 26 00-0043 | DAY | Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side | 3.57 | |
| 01 55 26 00-0044 | WK | Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side | 10.72 | |
| 01 55 26 00-0045 | MO | Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side | 32.16 | |
| 01 55 26 00-0046 | DAY | Type III Barricade, Up To 5' Wide With Three Reflective Rails | 4.07 | |
| 01 55 26 00-0047 | WK | Type III Barricade, Up To 5' Wide With Three Reflective Rails | 12.22 | |
| 01 55 26 00-0048 | MO | Type III Barricade, Up To 5' Wide With Three Reflective Rails | 36.65 | |
| 01 55 26 00-0049 | DAY | Type III Barricade, >5' To 10' Wide With Three Reflective Rails | 7.45 | |
| 01 55 26 00-0050 | WK | Type III Barricade, >5' To 10' Wide With Three Reflective Rails | 22.35 | |
| 01 55 26 00-0051 | MO | Type III Barricade, >5' To 10' Wide With Three Reflective Rails | 67.04 | |
| 01 55 26 00-0052 | DAY | Up To 10' Wide A Frame Barricade | 4.09 | |
| 01 55 26 00-0053 | WK | Up To 10' Wide A Frame Barricade | 12.26 | |
| 01 55 26 00-0054 | MO | Up To 10' Wide A Frame Barricade | 36.77 | |
| 01 55 26 00-0055 | DAY | Type A Or C Flasher | 0.83 | |
| 01 55 26 00-0056 | WK | Type A Or C Flasher | 2.50 | |
| 01 55 26 00-0057 | MO | Type A Or C Flasher | 7.49 | |
| 01 55 26 00-0058 | DAY | Type B Flasher (High Intensity) | 4.52 | |
| 01 55 26 00-0059 | WK | Type B Flasher (High Intensity) | 13.55 | |
| 01 55 26 00-0060 | MO | Type B Flasher (High Intensity) | 40.65 | |

## 01 55 26 00-0061 Traffic Barriers Usage *(01 55 26 00-0026)*

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal.

| | | | | |
|---|---|---|---|---|
| 01 55 26 00-0062 | DAY | 6' Long Portable Parking Curbs | 1.95 | |
| 01 55 26 00-0063 | WK | 6' Long Portable Parking Curbs | 5.84 | |
| 01 55 26 00-0064 | MO | 6' Long Portable Parking Curbs | 17.51 | |
| 01 55 26 00-0065 | DAY | 6' Long Portable Speed Bumps | 5.76 | |
| 01 55 26 00-0066 | WK | 6' Long Portable Speed Bumps | 17.27 | |
| 01 55 26 00-0067 | MO | 6' Long Portable Speed Bumps | 51.81 | |
| 01 55 26 00-0068 | DAY | Up To 12.5' Concrete Traffic Barrier | 13.83 | |
| 01 55 26 00-0069 | WK | Up To 12.5' Concrete Traffic Barrier | 41.49 | |
| 01 55 26 00-0070 | MO | Up To 12.5' Concrete Traffic Barrier | 124.48 | |
| 01 55 26 00-0071 | DAY | >12.5' To 20' Concrete Traffic Barrier | 27.66 | |
| 01 55 26 00-0072 | WK | >12.5' To 20' Concrete Traffic Barrier | 82.98 | |
| 01 55 26 00-0073 | MO | >12.5' To 20' Concrete Traffic Barrier | 248.95 | |
| 01 55 26 00-0074 | DAY | 6' x 32" Tall Plastic Water Barrier | 16.52 | |
| 01 55 26 00-0075 | WK | 6' x 32" Tall Plastic Water Barrier | 49.55 | |
| 01 55 26 00-0076 | MO | 6' x 32" Tall Plastic Water Barrier | 148.65 | |
| 01 55 26 00-0077 | DAY | 6' x 46" Tall Plastic Water Barrier | 23.58 | |
| 01 55 26 00-0078 | WK | 6' x 46" Tall Plastic Water Barrier | 70.75 | |
| 01 55 26 00-0079 | MO | 6' x 46" Tall Plastic Water Barrier | 212.26 | |
| 01 55 26 00-0080 | DAY | Sand Filled Crash Attenuator Barrels | 9.23 | |
| 01 55 26 00-0081 | WK | Sand Filled Crash Attenuator Barrels | 27.69 | |
| 01 55 26 00-0082 | MO | Sand Filled Crash Attenuator Barrels | 83.08 | |
| 01 55 26 00-0083 | MO | 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER)<br>Note: Consists of 8 bays with nose piece at the front of the system. | 1,312.64 | |

## 01 55 26 00-0084 Portable Signs And Message Displays Usage *(01 55 26 00-0026)*

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal.

| | | | | |
|---|---|---|---|---|
| 01 55 26 00-0085 | DAY | Mesh Or Vinyl Roll-up Sign With Stand | 7.25 | |
| 01 55 26 00-0086 | WK | Mesh Or Vinyl Roll-up Sign With Stand | 21.74 | |
| 01 55 26 00-0087 | MO | Mesh Or Vinyl Roll-up Sign With Stand | 65.23 | |
| 01 55 26 00-0088 | DAY | Aluminum Sign And Post | 3.42 | |
| 01 55 26 00-0089 | WK | Aluminum Sign And Post | 10.25 | |
| 01 55 26 00-0090 | MO | Aluminum Sign And Post | 30.76 | |
| 01 55 26 00-0091 | DAY | Aluminum Sign And A Frame Stand | 5.48 | |
| 01 55 26 00-0092 | WK | Aluminum Sign And A Frame Stand | 16.44 | |
| 01 55 26 00-0093 | MO | Aluminum Sign And A Frame Stand | 49.32 | |
| 01 55 26 00-0094 | DAY | Trailer Mounted Flashing Arrow Board | 154.00 | |
| 01 55 26 00-0095 | WK | Trailer Mounted Flashing Arrow Board | 426.25 | |
| 01 55 26 00-0096 | MO | Trailer Mounted Flashing Arrow Board | 1,127.50 | |
| 01 55 26 00-0097 | DAY | Trailer Mounted Portable Variable Message Sign (PVMS) | 217.98 | |
| 01 55 26 00-0098 | WK | Trailer Mounted Portable Variable Message Sign (PVMS) | 581.28 | |
| 01 55 26 00-0099 | MO | Trailer Mounted Portable Variable Message Sign (PVMS) | 1,162.56 | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 55 26 00-0100 | DAY | Two Head, Trailer Mounted Traffic Signal System (Set Of Two)<br>Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer. | 1,234.10 | |
| 01 55 26 00-0101 | WK | Two Head, Trailer Mounted Traffic Signal System (Set Of Two)<br>Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer. | 3,702.30 | |
| 01 55 26 00-0102 | MO | Two Head, Trailer Mounted Traffic Signal System (Set Of Two)<br>Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer. | 11,106.90 | |

### 01 55 26 00-0103 Place And Remove Traffic Protection Using Truck *(01 55 26 00-0026)*

Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0037 for delivery >15 miles.

| | | | | |
|---|---|---|---|---|
| 01 55 26 00-0104 | EA | Placement And Removal Of Up To 250 Cones Using Truck | 3.17 | |
| 01 55 26 00-0105 | EA | Placement And Removal Of >250 Cones Using Truck | 2.77 | |
| 01 55 26 00-0106 | EA | Placement And Removal Of Up To 250 Panels/Channelizers Using Truck | 5.24 | |
| 01 55 26 00-0107 | EA | Placement And Removal Of >250 Panels/Channelizers Using Truck | 4.37 | |
| 01 55 26 00-0108 | EA | Placement And Removal Of Up To 250 Barricades Using Truck | 7.93 | |
| 01 55 26 00-0109 | EA | Placement And Removal Of >250 Barricades Using Truck | 6.35 | |
| 01 55 26 00-0110 | EA | Placement And Removal Of Curbs/Speed Bumps Using Truck | 7.93 | |
| 01 55 26 00-0111 | EA | Placement And Removal Of Portable Sign And Stand Using Truck | 4.76 | |
| 01 55 26 00-0112 | EA | Placement And Removal Of Aluminum Sign And Post Using Truck | 19.84 | |
| 01 55 26 00-0113 | EA | Placement And Removal Of Trailer Mounted Boards And Signals Using Truck | 59.51 | |
| 01 55 26 00-0114 | EA | Placement And Removal Of Up To 12.5' Concrete Traffic Barrier<br>Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks. | 81.02 | |
| | | *For 1 Barrier, Add* | *202.55* | |
| | | *For 2 Barriers, Add* | *72.92* | |
| | | *For 3 Barriers, Add* | *24.31* | |
| 01 55 26 00-0115 | EA | Placement And Removal Of >12.5' Concrete Traffic Barrier<br>Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks. | 121.52 | |
| | | *For 1 Barrier, Add* | *303.80* | |
| | | *For 2 Barriers, Add* | *109.37* | |
| | | *For 3 Barriers, Add* | *36.46* | |
| 01 55 26 00-0116 | EA | Placement And Removal Of Plastic Water Barrier<br>Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization tasks. | 46.82 | |
| | | *For 1 Barrier, Add* | *101.25* | |
| | | *For 2 Barriers, Add* | *36.45* | |
| | | *For 3 Barriers, Add* | *12.15* | |
| 01 55 26 00-0117 | EA | Placement And Removal Of Crash Attenuator Barrels<br>Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks. | 60.77 | |
| | | *For 1 Barrier, Add* | *151.93* | |
| | | *For 2 Barriers, Add* | *54.69* | |
| | | *For 3 Barriers, Add* | *18.23* | |
| 01 55 26 00-0118 | EA | Placement And Removal Of 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER)<br>Note: Consists of 8 bays with nose piece at the front of the system attached and anchored in accordance with the manufactures instructuions. Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization. | 445.59 | |

### 01 55 26 00-0119 Place And Remove Traffic Protection From Roadside (Daily) *(01 55 26 00-0026)*

| | | | | |
|---|---|---|---|---|
| 01 55 26 00-0120 | EA | Placement And Removal Of Up To 250 Cones By Hand From Roadside | 1.98 | |
| 01 55 26 00-0121 | EA | Placement And Removal Of >250 Cones By Hand From Roadside | 1.58 | |
| 01 55 26 00-0122 | EA | Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside | 2.64 | |
| 01 55 26 00-0123 | EA | Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside | 2.11 | |
| 01 55 26 00-0124 | EA | Placement And Removal Of Up To 250 Barricades By Hand From Roadside | 3.97 | |
| 01 55 26 00-0125 | EA | Placement And Removal Of >250 Barricades By Hand From Roadside | 3.17 | |
| 01 55 26 00-0126 | EA | Placement And Removal Of Portable Sign And Stand From Roadside | 2.28 | |
| 01 55 26 00-0127 | EA | Placement And Removal Of Trailer Mounted Boards And Signals From Roadside | 29.76 | |
| 01 55 26 00-0128 | EA | Roadside Relocation Of Concrete Traffic Barrier<br>Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization. | 40.50 | |

### 01 55 26 00-0129 Temporary Rumble Strips *(01 55 26)*

Note: Includes removal after use.

| | | | | |
|---|---|---|---|---|
| 01 55 26 00-0130 | LF | 1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip | 11.63 | |
| 01 55 26 00-0131 | LF | 1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip | 8.31 | |

## 01 56 Temporary Barriers and Enclosures *(01 50)*

Note: Includes removal after use.

### 01 56 16 Temporary Dust Barriers *(01 56)*

### 01 56 16 00-0001 Temporary Sheeting For Protection *(01 56 16)*

Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.

| | | | | |
|---|---|---|---|---|
| 01 56 16 00-0002 | SF | 4 Mil, Plastic Sheeting, Applied To Floors | 0.27 | |
| 01 56 16 00-0003 | SF | 4 Mil, Plastic Sheeting, Applied To Walls | 0.36 | |
| 01 56 16 00-0004 | SF | 4 Mil, Plastic Sheeting, Applied To Ceilings | 0.48 | |
| 01 56 16 00-0005 | SF | 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors | 0.29 | |
| 01 56 16 00-0006 | SF | 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls | 0.38 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 56 16 00-0007 | SF | 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings | 0.50 | |
| 01 56 16 00-0008 | SF | 6 Mil, Plastic Sheeting, Applied To Floors | 0.30 | |
| 01 56 16 00-0009 | SF | 6 Mil, Plastic Sheeting, Applied To Walls | 0.39 | |
| 01 56 16 00-0010 | SF | 6 Mil, Plastic Sheeting, Applied To Ceilings | 0.51 | |
| 01 56 16 00-0011 | SF | 6 Mil, Plastic Sheeting, Applied To Scaffolding | 0.52 | |
| 01 56 16 00-0012 | SF | 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors | 0.38 | |
| 01 56 16 00-0013 | SF | 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls | 0.47 | |
| 01 56 16 00-0014 | SF | 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings | 0.59 | |
| 01 56 16 00-0015 | SF | 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding | 0.57 | |
| 01 56 16 00-0016 | SF | 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Floors | 0.40 | |
| 01 56 16 00-0017 | SF | 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Walls | 0.49 | |
| 01 56 16 00-0018 | SF | 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Ceilings | 0.61 | |
| 01 56 16 00-0019 | SF | 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Scaffolding | 0.59 | |
| 01 56 16 00-0020 | SF | 6 Mil, Reinforced, Plastic Sheeting, Applied To Floors | 0.39 | |
| 01 56 16 00-0021 | SF | 6 Mil, Reinforced, Plastic Sheeting, Applied To Walls | 0.48 | |
| 01 56 16 00-0022 | SF | 6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings | 0.60 | |
| 01 56 16 00-0023 | SF | 6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding | 0.58 | |
| 01 56 16 00-0024 | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors | 0.46 | |
| 01 56 16 00-0025 | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls | 0.55 | |
| 01 56 16 00-0026 | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings | 0.67 | |
| 01 56 16 00-0027 | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding | 0.65 | |
| 01 56 16 00-0028 | SF | 10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding | 0.74 | |

### 01 56 16 00-0029 Temporary Stud Wall *(01 56 16)*

Note: Includes removal after use.

### 01 56 16 00-0030 Temporary Stud Wall With Drywall *(01 56 16 00-0029)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.

### 01 56 16 00-0031 Temporary Stud Wall With Drywall *(01 56 16 00-0030)*

| | | | | |
|---|---|---|---|---|
| 01 56 16 00-0032 | SF | 3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center | 5.60 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0033 | SF | 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center | 5.60 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0034 | SF | 5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center | 5.70 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0035 | SF | 3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center | 7.49 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0036 | SF | 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center | 7.49 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0037 | SF | 5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center | 7.69 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |

### 01 56 16 00-0038 Temporary Stud Wall With Fire Rated Drywall *(01 56 16 00-0030)*

| | | | | |
|---|---|---|---|---|
| 01 56 16 00-0039 | SF | 1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center | 5.71 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0040 | SF | 5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center | 5.75 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0041 | SF | 5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center | 5.69 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0042 | SF | 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center | 6.47 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0043 | SF | 1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center | 7.72 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0044 | SF | 5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center | 7.79 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0045 | SF | 5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center | 7.67 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0046 | SF | 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center | 9.24 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |

### 01 56 16 00-0047 Temporary Stud Wall With Oriented Strand Board (OSB) *(01 56 16 00-0029)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.

| | | | | |
|---|---|---|---|---|
| 01 56 16 00-0048 | SF | 7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center | 6.05 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0049 | SF | 1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center | 6.17 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0050 | SF | 5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center | 6.50 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0051 | SF | 3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center | 6.69 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0052 | SF | 7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center | 8.39 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0053 | SF | 1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center | 8.63 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0054 | SF | 5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center | 9.30 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0055 | SF | 3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center | 9.66 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 56 16 00-0056 | | Temporary Stud Wall With BC Plywood *(01 56 16 00-0029)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint. | | |
| 01 56 16 00-0057 | SF | 3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center | 6.85 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0058 | SF | 1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center | 7.29 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0059 | SF | 5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center | 7.72 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0060 | SF | 3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center | 8.09 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.01* | |
| 01 56 16 00-0061 | SF | 3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center | 10.00 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0062 | SF | 1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center | 10.87 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0063 | SF | 5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center | 11.74 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0064 | SF | 3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center | 12.47 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *0.06* | |
| 01 56 16 00-0065 | | Temporary Stud Wall With Plastic Sheeting *(01 56 16 00-0029)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use. | | |
| 01 56 16 00-0066 | SF | 6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center | 3.54 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.09* | |
| 01 56 16 00-0067 | SF | 6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center | 3.61 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.09* | |
| 01 56 16 00-0068 | SF | 6 Mil, Fire Retardant, Anti-Static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center | 3.63 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.09* | |
| 01 56 16 00-0069 | SF | 6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center | 3.63 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.09* | |
| 01 56 16 00-0070 | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center | 3.69 | |
| | | *For Metal Studs 24" On Center, Add/Deduct* | *-0.09* | |
| 01 56 16 00-0071 | | Temporary Doors *(01 56 16 00-0029)* Note: For temporary stud walls. Includes removal after use. | | |
| 01 56 16 00-0072 | EA | Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use. | 543.87 | |
| 01 56 16 00-0073 | | Temporary Floor Protection *(01 56 16)* Note: Includes removal after use. | | |
| 01 56 16 00-0074 | SF | Masonite For Temporary Floor Protection | 1.55 | |
| 01 56 16 00-0075 | SF | 1/2" Plywood For Temporary Floor Protection | 2.01 | |
| 01 56 16 00-0076 | SF | 3/4" Plywood For Temporary Floor Protection | 2.61 | |
| **01 56 26** | | **Temporary Fencing** *(01 56)* | | |
| 01 56 26 00-0001 | | Temporary Fencing *(01 56 26)* Note: Per ASTM A392-06 Standards | | |
| 01 56 26 00-0002 | | Temporary Chain Link Fence *(01 56 26 00-0001)* Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts. | | |
| 01 56 26 00-0003 | | Temporary Chain Link Fence, Up To 6 Months *(01 56 26 00-0002)* | | |
| 01 56 26 00-0004 | LF | Temporary 4' High Chain Link Fence And Posts, Up To 6 Months | 5.40 | |
| | | *For >100 To 250, Deduct* | *-0.13* | |
| | | *For >250 To 500, Deduct* | *-0.27* | |
| | | *For >500, Deduct* | *-0.40* | |
| | | *For Each LF Shade Cloth, Add* | *1.60* | |
| 01 56 26 00-0005 | LF | Temporary 6' High Chain Link Fence And Posts, Up To 6 Months | 6.01 | |
| | | *For >100 To 250, Deduct* | *-0.15* | |
| | | *For >250 To 500, Deduct* | *-0.30* | |
| | | *For >500, Deduct* | *-0.45* | |
| | | *For Each LF Shade Cloth, Add* | *2.55* | |
| 01 56 26 00-0006 | LF | Temporary 8' High Chain Link Fence And Posts, Up To 6 Months | 8.36 | |
| | | *For >100 To 250, Deduct* | *-0.25* | |
| | | *For >250 To 500, Deduct* | *-0.51* | |
| | | *For >500, Deduct* | *-0.76* | |
| | | *For Each LF Shade Cloth, Add* | *3.60* | |
| 01 56 26 00-0007 | LF | Temporary 10' High Chain Link Fence And Posts, Up To 6 Months | 18.68 | |
| | | *For >100 To 250, Deduct* | *-0.75* | |
| | | *For >250 To 500, Deduct* | *-1.50* | |
| | | *For >500, Deduct* | *-2.25* | |
| | | *For Each LF Shade Cloth, Add* | *4.75* | |
| 01 56 26 00-0008 | | Temporary Chain Link Fence, >6 To 12 Months *(01 56 26 00-0002)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 56 26 00-0009 | LF | Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months | 5.67 | |
| | | *For >100 To 250, Deduct* | *-0.15* | |
| | | *For >250 To 500, Deduct* | *-0.29* | |
| | | *For >500, Deduct* | *-0.44* | |
| | | *For Each LF Shade Cloth, Add* | *1.60* | |
| 01 56 26 00-0010 | LF | Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months | 6.31 | |
| | | *For >100 To 250, Deduct* | *-0.16* | |
| | | *For >250 To 500, Deduct* | *-0.33* | |
| | | *For >500, Deduct* | *-0.49* | |
| | | *For Each LF Shade Cloth, Add* | *2.55* | |
| 01 56 26 00-0011 | LF | Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months | 8.86 | |
| | | *For >100 To 250, Deduct* | *-0.28* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-0.83* | |
| | | *For Each LF Shade Cloth, Add* | *3.60* | |
| 01 56 26 00-0012 | LF | Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months | 20.17 | |
| | | *For >100 To 250, Deduct* | *-0.83* | |
| | | *For >250 To 500, Deduct* | *-1.65* | |
| | | *For >500, Deduct* | *-2.48* | |
| | | *For Each LF Shade Cloth, Add* | *4.75* | |

### 01 56 26 00-0013 Temporary Chain Link Fence, >12 To 18 Months *(01 56 26 00-0002)*

| | | | | |
|---|---|---|---|---|
| 01 56 26 00-0014 | LF | Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months | 5.97 | |
| | | *For >100 To 250, Deduct* | *-0.16* | |
| | | *For >250 To 500, Deduct* | *-0.32* | |
| | | *For >500, Deduct* | *-0.48* | |
| | | *For Each LF Shade Cloth, Add* | *1.60* | |
| 01 56 26 00-0015 | LF | Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months | 6.65 | |
| | | *For >100 To 250, Deduct* | *-0.18* | |
| | | *For >250 To 500, Deduct* | *-0.36* | |
| | | *For >500, Deduct* | *-0.54* | |
| | | *For Each LF Shade Cloth, Add* | *2.55* | |
| 01 56 26 00-0016 | LF | Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months | 9.43 | |
| | | *For >100 To 250, Deduct* | *-0.31* | |
| | | *For >250 To 500, Deduct* | *-0.61* | |
| | | *For >500, Deduct* | *-0.92* | |
| | | *For Each LF Shade Cloth, Add* | *3.60* | |
| 01 56 26 00-0017 | LF | Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months | 21.83 | |
| | | *For >100 To 250, Deduct* | *-0.91* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.73* | |
| | | *For Each LF Shade Cloth, Add* | *4.75* | |

### 01 56 26 00-0018 Temporary Chain Link Fence, >18 Months *(01 56 26 00-0002)*

| | | | | |
|---|---|---|---|---|
| 01 56 26 00-0019 | LF | Temporary 4' High Chain Link Fence And Posts, >18 Months | 6.29 | |
| | | *For >100 To 250, Deduct* | *-0.18* | |
| | | *For >250 To 500, Deduct* | *-0.35* | |
| | | *For >500, Deduct* | *-0.53* | |
| | | *For Each LF Shade Cloth, Add* | *1.60* | |
| 01 56 26 00-0020 | LF | Temporary 6' High Chain Link Fence And Posts, >18 Months | 6.99 | |
| | | *For >100 To 250, Deduct* | *-0.20* | |
| | | *For >250 To 500, Deduct* | *-0.40* | |
| | | *For >500, Deduct* | *-0.60* | |
| | | *For Each LF Shade Cloth, Add* | *2.55* | |
| 01 56 26 00-0021 | LF | Temporary 8' High Chain Link Fence And Posts, >18 Months | 10.03 | |
| | | *For >100 To 250, Deduct* | *-0.34* | |
| | | *For >250 To 500, Deduct* | *-0.67* | |
| | | *For >500, Deduct* | *-1.01* | |
| | | *For Each LF Shade Cloth, Add* | *3.60* | |
| 01 56 26 00-0022 | LF | Temporary 10' High Chain Link Fence And Posts, >18 Months | 23.64 | |
| | | *For >100 To 250, Deduct* | *-1.00* | |
| | | *For >250 To 500, Deduct* | *-2.00* | |
| | | *For >500, Deduct* | *-3.00* | |
| | | *For Each LF Shade Cloth, Add* | *4.75* | |

### 01 56 26 00-0023 Temporary Chain Link Fence Gates *(01 56 26 00-0001)*

Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.

### 01 56 26 00-0024 Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0023)*

### 01 56 26 00-0025 4' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

| | | | | |
|---|---|---|---|---|
| 01 56 26 00-0026 | EA | 4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months | 220.53 | |
| | | *For Each LF Shade Cloth, Add* | *12.61* | |
| 01 56 26 00-0027 | EA | 10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months | 372.86 | |
| | | *For Each LF Shade Cloth, Add* | *31.53* | |
| 01 56 26 00-0028 | EA | 12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months | 417.97 | |
| | | *For Each LF Shade Cloth, Add* | *37.84* | |
| 01 56 26 00-0029 | EA | 15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months | 475.45 | |
| | | *For Each LF Shade Cloth, Add* | *47.30* | |
| 01 56 26 00-0030 | EA | 20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months | 570.14 | |
| | | *For Each LF Shade Cloth, Add* | *63.07* | |
| 01 56 26 00-0031 | EA | 24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months | 633.91 | |
| | | *For Each LF Shade Cloth, Add* | *75.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **01 56 26 00-0032** | | **6' High, Temporary Chain Link Fence Gates, Up To 6 Months** *(01 56 26 00-0024)* | | |
| 01 56 26 00-0033 | EA | 4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months | 235.78 | |
| | | *For Each LF Shade Cloth, Add* | *20.10* | |
| 01 56 26 00-0034 | EA | 10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months | 402.00 | |
| | | *For Each LF Shade Cloth, Add* | *50.26* | |
| 01 56 26 00-0035 | EA | 12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months | 451.56 | |
| | | *For Each LF Shade Cloth, Add* | *60.31* | |
| 01 56 26 00-0036 | EA | 15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months | 522.46 | |
| | | *For Each LF Shade Cloth, Add* | *75.39* | |
| 01 56 26 00-0037 | EA | 20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months | 631.92 | |
| | | *For Each LF Shade Cloth, Add* | *100.52* | |
| 01 56 26 00-0038 | EA | 24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months | 715.60 | |
| | | *For Each LF Shade Cloth, Add* | *120.62* | |
| **01 56 26 00-0039** | | **8' High, Temporary Chain Link Fence Gates, Up To 6 Months** *(01 56 26 00-0024)* | | |
| 01 56 26 00-0040 | EA | 4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months | 263.06 | |
| | | *For Each LF Shade Cloth, Add* | *28.38* | |
| 01 56 26 00-0041 | EA | 10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months | 459.74 | |
| | | *For Shade Cloth, Add* | *70.95* | |
| 01 56 26 00-0042 | EA | 12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months | 514.75 | |
| | | *For Shade Cloth, Add* | *85.14* | |
| 01 56 26 00-0043 | EA | 15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months | 588.75 | |
| | | *For Shade Cloth, Add* | *106.43* | |
| 01 56 26 00-0044 | EA | 20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months | 719.53 | |
| | | *For Shade Cloth, Add* | *141.90* | |
| 01 56 26 00-0045 | EA | 24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months | 832.54 | |
| | | *For Shade Cloth, Add* | *170.29* | |
| **01 56 26 00-0046** | | **10' High, Temporary Chain Link Fence Gates, Up To 6 Months** *(01 56 26 00-0024)* | | |
| 01 56 26 00-0047 | EA | 4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months | 319.27 | |
| | | *For Each LF Shade Cloth, Add* | *37.45* | |
| 01 56 26 00-0048 | EA | 10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months | 552.50 | |
| | | *For Each LF Shade Cloth, Add* | *93.62* | |
| 01 56 26 00-0049 | EA | 12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months | 619.81 | |
| | | *For Each LF Shade Cloth, Add* | *112.34* | |
| 01 56 26 00-0050 | EA | 15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months | 707.90 | |
| | | *For Each LF Shade Cloth, Add* | *140.43* | |
| 01 56 26 00-0051 | EA | 20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months | 865.36 | |
| | | *For Each LF Shade Cloth, Add* | *187.24* | |
| 01 56 26 00-0052 | EA | 24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months | 996.79 | |
| | | *For Each LF Shade Cloth, Add* | *224.68* | |
| **01 56 26 00-0053** | | **Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0023)* | | |
| **01 56 26 00-0054** | | **4' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)* | | |
| 01 56 26 00-0055 | EA | 4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 228.98 | |
| | | *For Each LF Shade Cloth, Add* | *12.61* | |
| 01 56 26 00-0056 | EA | 10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 386.00 | |
| | | *For Each LF Shade Cloth, Add* | *31.53* | |
| 01 56 26 00-0057 | EA | 12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 432.98 | |
| | | *For Each LF Shade Cloth, Add* | *37.84* | |
| 01 56 26 00-0058 | EA | 15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 492.35 | |
| | | *For Each LF Shade Cloth, Add* | *47.30* | |
| 01 56 26 00-0059 | EA | 20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 590.79 | |
| | | *For Each LF Shade Cloth, Add* | *63.07* | |
| 01 56 26 00-0060 | EA | 24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 656.44 | |
| | | *For Each LF Shade Cloth, Add* | *75.68* | |
| **01 56 26 00-0061** | | **6' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)* | | |
| 01 56 26 00-0062 | EA | 4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 244.61 | |
| | | *For Each LF Shade Cloth, Add* | *20.10* | |
| 01 56 26 00-0063 | EA | 10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 415.73 | |
| | | *For Each LF Shade Cloth, Add* | *50.26* | |
| 01 56 26 00-0064 | EA | 12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 467.26 | |
| | | *For Each LF Shade Cloth, Add* | *60.31* | |
| 01 56 26 00-0065 | EA | 15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 540.13 | |
| | | *For Each LF Shade Cloth, Add* | *75.39* | |
| 01 56 26 00-0066 | EA | 20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 653.51 | |
| | | *For Each LF Shade Cloth, Add* | *100.52* | |
| 01 56 26 00-0067 | EA | 24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 739.15 | |
| | | *For Each LF Shade Cloth, Add* | *120.62* | |
| **01 56 26 00-0068** | | **8' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)* | | |
| 01 56 26 00-0069 | EA | 4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 272.78 | |
| | | *For Each LF Shade Cloth, Add* | *28.38* | |
| 01 56 26 00-0070 | EA | 10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 474.85 | |
| | | *For Shade Cloth, Add* | *70.95* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 56 26 00-0071 | EA | 12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 532.02 | |
| | | *For Shade Cloth, Add* | *85.14* | |
| 01 56 26 00-0072 | EA | 15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 608.18 | |
| | | *For Shade Cloth, Add* | *106.43* | |
| 01 56 26 00-0073 | EA | 20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 743.28 | |
| | | *For Shade Cloth, Add* | *141.90* | |
| 01 56 26 00-0074 | EA | 24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 858.44 | |
| | | *For Shade Cloth, Add* | *170.29* | |
| 01 56 26 00-0075 | | 10' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)* | | |
| 01 56 26 00-0076 | EA | 4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 331.42 | |
| | | *For Each LF Shade Cloth, Add* | *37.45* | |
| 01 56 26 00-0077 | EA | 10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 571.38 | |
| | | *For Each LF Shade Cloth, Add* | *93.62* | |
| 01 56 26 00-0078 | EA | 12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 641.40 | |
| | | *For Each LF Shade Cloth, Add* | *112.34* | |
| 01 56 26 00-0079 | EA | 15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 732.18 | |
| | | *For Each LF Shade Cloth, Add* | *140.43* | |
| 01 56 26 00-0080 | EA | 20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 895.04 | |
| | | *For Each LF Shade Cloth, Add* | *187.24* | |
| 01 56 26 00-0081 | EA | 24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months | 1,029.17 | |
| | | *For Each LF Shade Cloth, Add* | *224.68* | |
| 01 56 26 00-0082 | | Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0023)* | | |
| 01 56 26 00-0083 | | 4' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)* | | |
| 01 56 26 00-0084 | EA | 4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 237.85 | |
| | | *For Each LF Shade Cloth, Add* | *12.61* | |
| 01 56 26 00-0085 | EA | 10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 399.79 | |
| | | *For Each LF Shade Cloth, Add* | *31.53* | |
| 01 56 26 00-0086 | EA | 12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 448.75 | |
| | | *For Each LF Shade Cloth, Add* | *37.84* | |
| 01 56 26 00-0087 | EA | 15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 510.09 | |
| | | *For Each LF Shade Cloth, Add* | *47.30* | |
| 01 56 26 00-0088 | EA | 20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 612.47 | |
| | | *For Each LF Shade Cloth, Add* | *63.07* | |
| 01 56 26 00-0089 | EA | 24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 680.09 | |
| | | *For Each LF Shade Cloth, Add* | *75.68* | |
| 01 56 26 00-0090 | | 6' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)* | | |
| 01 56 26 00-0091 | EA | 4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 253.88 | |
| | | *For Each LF Shade Cloth, Add* | *20.10* | |
| 01 56 26 00-0092 | EA | 10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 430.15 | |
| | | *For Each LF Shade Cloth, Add* | *50.26* | |
| 01 56 26 00-0093 | EA | 12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 483.74 | |
| | | *For Each LF Shade Cloth, Add* | *60.31* | |
| 01 56 26 00-0094 | EA | 15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 558.67 | |
| | | *For Each LF Shade Cloth, Add* | *75.39* | |
| 01 56 26 00-0095 | EA | 20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 676.17 | |
| | | *For Each LF Shade Cloth, Add* | *100.52* | |
| 01 56 26 00-0096 | EA | 24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 763.88 | |
| | | *For Each LF Shade Cloth, Add* | *120.62* | |
| 01 56 26 00-0097 | | 8' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)* | | |
| 01 56 26 00-0098 | EA | 4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 282.98 | |
| | | *For Each LF Shade Cloth, Add* | *28.38* | |
| 01 56 26 00-0099 | EA | 10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 490.72 | |
| | | *For Shade Cloth, Add* | *70.95* | |
| 01 56 26 00-0100 | EA | 12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 550.15 | |
| | | *For Shade Cloth, Add* | *85.14* | |
| 01 56 26 00-0101 | EA | 15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 628.58 | |
| | | *For Shade Cloth, Add* | *106.43* | |
| 01 56 26 00-0102 | EA | 20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 768.21 | |
| | | *For Shade Cloth, Add* | *141.90* | |
| 01 56 26 00-0103 | EA | 24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 885.64 | |
| | | *For Shade Cloth, Add* | *170.29* | |
| 01 56 26 00-0104 | | 10' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)* | | |
| 01 56 26 00-0105 | EA | 4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 344.16 | |
| | | *For Each LF Shade Cloth, Add* | *37.45* | |
| 01 56 26 00-0106 | EA | 10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 591.22 | |
| | | *For Each LF Shade Cloth, Add* | *93.62* | |
| 01 56 26 00-0107 | EA | 12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 664.06 | |
| | | *For Each LF Shade Cloth, Add* | *112.34* | |
| 01 56 26 00-0108 | EA | 15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 757.68 | |
| | | *For Each LF Shade Cloth, Add* | *140.43* | |
| 01 56 26 00-0109 | EA | 20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 926.20 | |
| | | *For Each LF Shade Cloth, Add* | *187.24* | |
| 01 56 26 00-0110 | EA | 24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months | 1,063.17 | |
| | | *For Each LF Shade Cloth, Add* | *224.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 56 26 00-0111 | | Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0023)* | | |
| 01 56 26 00-0112 | | 4' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)* | | |
| 01 56 26 00-0113 | EA | 4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months | 246.72 | |
| | | *For Each LF Shade Cloth, Add* | *12.61* | |
| 01 56 26 00-0114 | EA | 10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months | 413.59 | |
| | | *For Each LF Shade Cloth, Add* | *31.53* | |
| 01 56 26 00-0115 | EA | 12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months | 464.52 | |
| | | *For Each LF Shade Cloth, Add* | *37.84* | |
| 01 56 26 00-0116 | EA | 15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months | 527.82 | |
| | | *For Each LF Shade Cloth, Add* | *47.30* | |
| 01 56 26 00-0117 | EA | 20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months | 634.15 | |
| | | *For Each LF Shade Cloth, Add* | *63.07* | |
| 01 56 26 00-0118 | EA | 24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months | 703.74 | |
| | | *For Each LF Shade Cloth, Add* | *75.68* | |
| 01 56 26 00-0119 | | 6' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)* | | |
| 01 56 26 00-0120 | EA | 4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months | 263.15 | |
| | | *For Each LF Shade Cloth, Add* | *20.10* | |
| 01 56 26 00-0121 | EA | 10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months | 444.58 | |
| | | *For Each LF Shade Cloth, Add* | *50.26* | |
| 01 56 26 00-0122 | EA | 12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months | 500.22 | |
| | | *For Each LF Shade Cloth, Add* | *60.31* | |
| 01 56 26 00-0123 | EA | 15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months | 577.22 | |
| | | *For Each LF Shade Cloth, Add* | *75.39* | |
| 01 56 26 00-0124 | EA | 20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months | 698.84 | |
| | | *For Each LF Shade Cloth, Add* | *100.52* | |
| 01 56 26 00-0125 | EA | 24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months | 788.60 | |
| | | *For Each LF Shade Cloth, Add* | *120.62* | |
| 01 56 26 00-0126 | | 8' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)* | | |
| 01 56 26 00-0127 | EA | 4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months | 293.18 | |
| | | *For Each LF Shade Cloth, Add* | *28.38* | |
| 01 56 26 00-0128 | EA | 10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months | 506.59 | |
| | | *For Shade Cloth, Add* | *70.95* | |
| 01 56 26 00-0129 | EA | 12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months | 568.28 | |
| | | *For Shade Cloth, Add* | *85.14* | |
| 01 56 26 00-0130 | EA | 15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months | 648.97 | |
| | | *For Shade Cloth, Add* | *106.43* | |
| 01 56 26 00-0131 | EA | 20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months | 793.14 | |
| | | *For Shade Cloth, Add* | *141.90* | |
| 01 56 26 00-0132 | EA | 24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months | 912.84 | |
| | | *For Shade Cloth, Add* | *170.29* | |
| 01 56 26 00-0133 | | 10' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)* | | |
| 01 56 26 00-0134 | EA | 4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months | 356.91 | |
| | | *For Each LF Shade Cloth, Add* | *37.45* | |
| 01 56 26 00-0135 | EA | 10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months | 611.05 | |
| | | *For Each LF Shade Cloth, Add* | *93.62* | |
| 01 56 26 00-0136 | EA | 12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months | 686.73 | |
| | | *For Each LF Shade Cloth, Add* | *112.34* | |
| 01 56 26 00-0137 | EA | 15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months | 783.18 | |
| | | *For Each LF Shade Cloth, Add* | *140.43* | |
| 01 56 26 00-0138 | EA | 20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months | 957.37 | |
| | | *For Each LF Shade Cloth, Add* | *187.24* | |
| 01 56 26 00-0139 | EA | 24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months | 1,097.17 | |
| | | *For Each LF Shade Cloth, Add* | *224.68* | |
| 01 56 26 00-0140 | | Temporary Chain Link Fence Panels (Portable) *(01 56 26 00-0001)* | | |
| | | Note: Includes delivery, set-up and removal. Excludes sandbags. | | |
| 01 56 26 00-0141 | | Temporary Chain Link Fence Panels (Portable), Up To 6 Months *(01 56 26 00-0140)* | | |
| 01 56 26 00-0142 | LF | Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months | 5.92 | |
| | | *For >100 To 250, Deduct* | *-0.16* | |
| | | *For >250 To 500, Deduct* | *-0.32* | |
| | | *For >500, Deduct* | *-0.48* | |
| | | *For Each LF Shade Cloth, Add* | *1.60* | |
| 01 56 26 00-0143 | LF | Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months | 6.58 | |
| | | *For >100 To 250, Deduct* | *-0.18* | |
| | | *For >250 To 500, Deduct* | *-0.36* | |
| | | *For >500, Deduct* | *-0.53* | |
| | | *For Each LF Shade Cloth, Add* | *2.55* | |
| 01 56 26 00-0144 | LF | Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months | 9.04 | |
| | | *For >100 To 250, Deduct* | *-0.29* | |
| | | *For >250 To 500, Deduct* | *-0.57* | |
| | | *For >500, Deduct* | *-0.86* | |
| | | *For Each LF Shade Cloth, Add* | *3.60* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **01 56 26 00-0145** | | **Temporary Chain Link Fence Panels (Portable), >6 To 12 Months** *(01 56 26 00-0140)* | | |
| 01 56 26 00-0146 | LF | Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months | 6.20 | |
| | | *For >100 To 250, Deduct* | *-0.17* | |
| | | *For >250 To 500, Deduct* | *-0.35* | |
| | | *For >500, Deduct* | *-0.52* | |
| | | *For Each LF Shade Cloth, Add* | *1.60* | |
| 01 56 26 00-0147 | LF | Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months | 6.87 | |
| | | *For >100 To 250, Deduct* | *-0.19* | |
| | | *For >250 To 500, Deduct* | *-0.39* | |
| | | *For >500, Deduct* | *-0.58* | |
| | | *For Each LF Shade Cloth, Add* | *2.55* | |
| 01 56 26 00-0148 | LF | Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months | 9.54 | |
| | | *For >100 To 250, Deduct* | *-0.31* | |
| | | *For >250 To 500, Deduct* | *-0.62* | |
| | | *For >500, Deduct* | *-0.93* | |
| | | *For Each LF Shade Cloth, Add* | *3.60* | |
| **01 56 26 00-0149** | | **Temporary Chain Link Fence Panels (Portable), >12 To 18 Months** *(01 56 26 00-0140)* | | |
| 01 56 26 00-0150 | LF | Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months | 6.47 | |
| | | *For >100 To 250, Deduct* | *-0.19* | |
| | | *For >250 To 500, Deduct* | *-0.37* | |
| | | *For >500, Deduct* | *-0.56* | |
| | | *For Each LF Shade Cloth, Add* | *1.60* | |
| 01 56 26 00-0151 | LF | Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months | 7.21 | |
| | | *For >100 To 250, Deduct* | *-0.21* | |
| | | *For >250 To 500, Deduct* | *-0.42* | |
| | | *For >500, Deduct* | *-0.63* | |
| | | *For Each LF Shade Cloth, Add* | *2.55* | |
| 01 56 26 00-0152 | LF | Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months | 10.11 | |
| | | *For >100 To 250, Deduct* | *-0.34* | |
| | | *For >250 To 500, Deduct* | *-0.68* | |
| | | *For >500, Deduct* | *-1.02* | |
| | | *For Each LF Shade Cloth, Add* | *3.60* | |
| **01 56 26 00-0153** | | **Temporary Chain Link Fence Panels (Portable), >18 Months** *(01 56 26 00-0140)* | | |
| 01 56 26 00-0154 | LF | Temporary 4' High Chain Link Fence Panels (Portable), >18 Months | 6.81 | |
| | | *For >100 To 250, Deduct* | *-0.20* | |
| | | *For >250 To 500, Deduct* | *-0.41* | |
| | | *For >500, Deduct* | *-0.61* | |
| | | *For Each LF Shade Cloth, Add* | *1.60* | |
| 01 56 26 00-0155 | LF | Temporary 6' High Chain Link Fence Panels (Portable), >18 Months | 7.55 | |
| | | *For >100 To 250, Deduct* | *-0.23* | |
| | | *For >250 To 500, Deduct* | *-0.45* | |
| | | *For >500, Deduct* | *-0.68* | |
| | | *For Each LF Shade Cloth, Add* | *2.55* | |
| 01 56 26 00-0156 | LF | Temporary 8' High Chain Link Fence Panels (Portable), >18 Months | 10.70 | |
| | | *For >100 To 250, Deduct* | *-0.37* | |
| | | *For >250 To 500, Deduct* | *-0.74* | |
| | | *For >500, Deduct* | *-1.11* | |
| | | *For Each LF Shade Cloth, Add* | *3.60* | |
| **01 56 26 00-0157** | | **Temporary Chain Link Fence Panels (Portable) Sandbags** *(01 56 26 00-0140)* | | |
| 01 56 26 00-0158 | BAG | Temporary Chain Link Fence Panels (Portable) Sandbag<br>Note: Includes placement and removal. | 5.49 | |
| **01 56 26 00-0159** | | **Relocate Chain Link Fence, Gates And Panels** *(01 56 26 00-0001)*<br>Note: Excludes auguring/drilling for posts. | | |
| **01 56 26 00-0160** | | **Relocate Temporary Chain Link Fence On Site** *(01 56 26 00-0159)* | | |
| 01 56 26 00-0161 | LF | Relocate Temporary 4' High Chain Link Fence And Posts | 2.77 | |
| 01 56 26 00-0162 | LF | Relocate Temporary 6' High Chain Link Fence And Posts | 4.15 | |
| 01 56 26 00-0163 | LF | Relocate Temporary 8' High Chain Link Fence And Posts | 5.99 | |
| 01 56 26 00-0164 | LF | Relocate Temporary 10' High Chain Link Fence And Posts | 7.37 | |
| **01 56 26 00-0165** | | **Relocate Temporary Chain Link Fence Panels On Site** *(01 56 26 00-0159)* | | |
| 01 56 26 00-0166 | LF | Relocate Temporary 4' High Chain Link Fence Panel, Self Standing | 0.68 | |
| 01 56 26 00-0167 | LF | Relocate Temporary 6' High Chain Link Fence Panel, Self Standing | 0.82 | |
| 01 56 26 00-0168 | LF | Relocate Temporary 8' High Chain Link Fence Panel, Self Standing | 0.92 | |
| **01 56 26 00-0169** | | **Relocate Temporary Chain Link Gates On Site** *(01 56 26 00-0159)* | | |
| 01 56 26 00-0170 | EA | Relocate Temporary 4' High Chain Link Vehicle Gate And Posts | 89.42 | |
| 01 56 26 00-0171 | EA | Relocate Temporary 6' High Chain Link Vehicle Gate And Posts | 103.17 | |
| 01 56 26 00-0172 | EA | Relocate Temporary 8' High Chain Link Vehicle Gate And Posts | 127.25 | |
| 01 56 26 00-0173 | EA | Relocate Temporary 10' High Chain Link Vehicle Gate And Posts | 137.57 | |
| **01 56 26 00-0174** | | **Temporary Safety Fence** *(01 56 26)*<br>Note: Includes removal after use. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 56 26 00-0175 | LF | 48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence | 3.15 | |

## 01 56 29 Temporary Protective Walkways *(01 56)*

### 01 56 29 00-0001 Temporary Sidewalk Bridge Protection *(01 56 29)*

Note: Includes removal after use.

### 01 56 29 00-0002 Installation of Sidewalk Bridge *(01 56 29 00-0001)*

| | | | |
|---|---|---|---|
| 01 56 29 00-0003 | LF | Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 128.91 |
| | | Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system. | |
| | | *For 3 Post System, Add* | *6.00* |
| | | *For Each Additional Foot Over 8' Wide, Add* | *3.00* |
| | | *For Each Additional Foot Over 8' High, Add* | *2.00* |
| 01 56 29 00-0004 | LF | Installation of Netting for Sidewalk Bridge | 3.28 |

### 01 56 29 00-0005 Monthly Rental of Sidewalk Bridge *(01 56 29 00-0001)*

| | | | |
|---|---|---|---|
| 01 56 29 00-0006 | LF | Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 13.13 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *1.97* |
| 01 56 29 00-0007 | LF | Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 14.78 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *2.22* |
| 01 56 29 00-0008 | LF | Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 16.42 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *2.46* |
| 01 56 29 00-0009 | LF | Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 16.42 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *2.46* |
| 01 56 29 00-0010 | LF | Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 18.05 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *2.71* |
| 01 56 29 00-0011 | LF | Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 21.36 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *3.20* |
| 01 56 29 00-0012 | LF | Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 19.72 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *2.96* |
| 01 56 29 00-0013 | LF | Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 23.00 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *3.45* |
| 01 56 29 00-0014 | LF | Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 24.61 |
| | | Note: Includes spanning openings, planking and parapet, lighting and maintenance. | |
| | | *For 3 Post System, Add* | *3.69* |
| 01 56 29 00-0015 | LF | Monthly Rental of Netting for Sidewalk Bridge | 2.46 |

### 01 56 29 00-0016 Removal of Sidewalk Bridge *(01 56 29 00-0001)*

| | | | |
|---|---|---|---|
| 01 56 29 00-0017 | LF | Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly | 26.83 |
| | | Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system. | |
| | | *For 3 Post System, Add* | *2.50* |
| | | *For Each Additional Foot Over 8' Wide, Add* | *1.25* |
| | | *For Each Additional Foot Over 8' High, Add* | *0.75* |
| 01 56 29 00-0018 | LF | Removal Of Netting For Sidewalk Bridge | 1.64 |

### 01 56 29 00-0019 Safety Nets *(01 56 29)*

Note: Includes removal after use.

| | | | |
|---|---|---|---|
| 01 56 29 00-0020 | SF | Small Mesh Debris Netting | 1.85 |
| | | Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors. | |

## 01 56 33 Temporary Security Barriers *(01 56)*

### 01 56 33 00-0001 Board-up Opening With Plywood *(01 56 33)*

Note: For use where directed by owner for boarding up door and window openings.

| | | | |
|---|---|---|---|
| 01 56 33 00-0002 | OPN | Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day | 10.32 |
| 01 56 33 00-0003 | SF | 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening | 7.92 |
| 01 56 33 00-0004 | SF | 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening | 9.11 |

### 01 56 33 00-0005 Temporary Pedestrian Barricade *(01 56 33)*

Note: Portable, interlocking galvanized steel fence with pivoting legs.

| | | | |
|---|---|---|---|
| 01 56 33 00-0006 | DAY | 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental | 12.24 |
| 01 56 33 00-0007 | WK | 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental | 29.72 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 56 33 00-0008 | MO | 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental | 89.16 | |

### 01 56 39 Temporary Tree and Plant Protection *(01 56)*

01 56 39 00-0001 Temporary Tree Guards *(01 56 39)*
Note: Includes digging holes and removal after use.

| | | | | |
|---|---|---|---|---|
| 01 56 39 00-0002 | EA | Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail | 158.20 | |
| 01 56 39 00-0003 | EA | 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail | 189.79 | |
| 01 56 39 00-0004 | EA | 6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail | 206.75 | |

## 01 57 Temporary Controls *(01 50)*

### 01 57 13 Temporary Erosion and Sediment Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

### 01 57 23 Temporary Storm Water Pollution Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

01 57 23 00-0001 Temporary Drain Guard *(01 57 23)*
Note: Includes removal after use.

| | | | | |
|---|---|---|---|---|
| 01 57 23 00-0002 | EA | 36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227) | 91.18 | |
| 01 57 23 00-0003 | EA | 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217)<br>Note: Up to 0.87 gallons oil, up to 40 lbs sediment. | 89.38 | |
| 01 57 23 00-0004 | EA | 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219)<br>Note: Up to 1.38 gallons oil, up to 40 lbs sediment. | 114.71 | |
| 01 57 23 00-0005 | EA | 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356)<br>Note: Up to 1.55 gallons oil, up to 40 lbs sediment. | 112.89 | |
| 01 57 23 00-0006 | EA | 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358)<br>Note: Up to 2.06 gallons oil, up to 40 lbs sediment. | 140.04 | |

## 01 58 Project Identification *(01 50)*

Note: Includes removal after use.

### 01 58 13 Temporary Project Signage *(01 58)*

01 58 13 00-0001 Project Sign *(01 58 13)*

01 58 13 00-0002 MDO Plywood Signs *(01 58 13 00-0001)*
Note: Excludes posts.

01 58 13 00-0003 Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0004 Engineer Grade, Reflectorized, MDO Plywood Signs *(01 58 13 00-0003)*

| | | | | |
|---|---|---|---|---|
| 01 58 13 00-0005 | EA | Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign | 146.16 | 18.92 |
| | | *For High-Intensity Grade, Add* | *37.92* | |
| | | *For Diamond Grade, Add* | *73.12* | |
| 01 58 13 00-0006 | EA | >8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign | 256.22 | 19.78 |
| | | *For High-Intensity Grade, Add* | *75.83* | |
| | | *For Diamond Grade, Add* | *146.25* | |
| 01 58 13 00-0007 | EA | >16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign | 366.27 | 20.63 |
| | | *For High-Intensity Grade, Add* | *113.75* | |
| | | *For Diamond Grade, Add* | *219.37* | |
| 01 58 13 00-0008 | EA | >24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign | 476.33 | 21.50 |
| | | *For High-Intensity Grade, Add* | *151.67* | |
| | | *For Diamond Grade, Add* | *292.50* | |
| 01 58 13 00-0009 | SF | >32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign | 14.92 | 0.68 |
| | | *For High-Intensity Grade, Add* | *4.74* | |
| | | *For Diamond Grade, Add* | *9.14* | |

01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0011 One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

| | | | | |
|---|---|---|---|---|
| 01 58 13 00-0012 | EA | Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign | 184.81 | 18.92 |
| 01 58 13 00-0013 | EA | >8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign | 221.62 | 19.78 |
| 01 58 13 00-0014 | EA | >16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign | 279.29 | 20.63 |
| 01 58 13 00-0015 | EA | >24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign | 333.72 | 21.50 |
| 01 58 13 00-0016 | SF | >32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign | 10.46 | 0.68 |

01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

| | | | | |
|---|---|---|---|---|
| 01 58 13 00-0018 | EA | Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign | 188.94 | 18.92 |
| 01 58 13 00-0019 | EA | >8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign | 243.92 | 19.78 |
| 01 58 13 00-0020 | EA | >16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign | 301.95 | 20.63 |
| 01 58 13 00-0021 | EA | >24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign | 353.14 | 21.50 |
| 01 58 13 00-0022 | SF | >32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign | 11.07 | 0.68 |

01 58 13 00-0023 Fabricate And Install New Posts *(01 58 13 00-0001)*
Note: Includes excavation, backfill and compaction. Excludes core drilling.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 58 13 00-0024 | LF | Galvanized Metal Channel Sign Posts | 13.47 | |
| 01 58 13 00-0025 | LF | 4" x 4" Pressure Treated Wood Sign Posts | 9.96 | |
| 01 58 13 00-0026 | LF | 4" x 6" Pressure Treated Wood Sign Posts | 12.49 | |
| 01 58 13 00-0027 | | Owner Supplied Signs *(01 58 13 00-0001)* | | |
| 01 58 13 00-0028 | EA | Installation And Removal Of Owner Supplied Project Sign | 68.79 | |

# 01 60 Product Requirements *(01)*

## 01 66 Product Storage and Handling Requirements *(01 60)*

### 01 66 19 Product Handling Requirements *(01 66)*

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

| | | | | |
|---|---|---|---|---|
| 01 66 19 00-0001 | | Transfer Delivered Materials Between Floors *(01 66 19)*<br>Note: For moving delivered, owner supplied or existing materials in a building. | | |
| 01 66 19 00-0002 | CY | Transfer Delivered Material Between Floors Via Elevator, Per Trip<br>Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required. | 8.60 | |
| 01 66 19 00-0003 | CY | Transfer Delivered Material Between Floors Via Stairs, Per Floor<br>Note: Quantity equals volume of materials multiplied by number of floors traveled. | 13.23 | |
| 01 66 19 00-0004 | | Transfer Delivered Materials Distances Greater Than 125' *(01 66 19)*<br>Note: For moving delivered, owner supplied or existing materials in a building. | | |
| 01 66 19 00-0005 | CY | Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125' | 5.37 | |
| 01 66 19 00-0006 | | Transfer Demolition Debris Between Floors *(01 66 19)*<br>Note: Only for use with demolition tasks. | | |
| 01 66 19 00-0007 | CY | Transfer Demolition Debris Between Floors Via Stairs, Per Floor<br>Note: Quantity equals material volume times bulk factor times number of floors traveled. | 13.23 | |
| 01 66 19 00-0008 | CY | Transfer Demolition Debris Between Floors Via Elevator, Per Trip<br>Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required. | 8.60 | |
| 01 66 19 00-0009 | | Transfer Demolition Debris Distances Greater Than 125' *(01 66 19)*<br>Note: Only for use with demolition tasks. | | |
| 01 66 19 00-0010 | CY | Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125' | 5.37 | |
| 01 66 19 00-0011 | | Moving Furniture And Furnishings *(01 66 19)*<br>Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space. | | |
| 01 66 19 00-0012 | SF | Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings<br>Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space. | 0.86 | |

# 01 70 Execution and Closeout Requirements *(01)*

## 01 71 Examination and Preparation *(01 70)*

### 01 71 13 Mobilization *(01 71)*

| | | | | |
|---|---|---|---|---|
| 01 71 13 00-0001 | | Equipment Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*<br>Note: Excludes flagman for traffic control where necessary. | | |
| 01 71 13 00-0002 | EA | Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck<br>Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc. | 448.74 | |
| 01 71 13 00-0003 | EA | Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed<br>Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc. | 1,476.98 | |
| 01 71 13 00-0004 | | Crane Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*<br>Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary. | | |
| 01 71 13 00-0005 | EA | 300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane<br>Note: Includes delivery, rigging and pickup. | 9,573.00 | |
| | | *For >30 To 60 Miles Radius, Add* | *2,393.25* | |
| | | *For >60 To 100 Miles Radius, Add* | *3,829.20* | |
| 01 71 13 00-0006 | EA | Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane<br>Note: Includes delivery and pickup. | 478.65 | |
| | | *For >30 To 60 Miles Radius, Add* | *119.66* | |
| | | *For >60 To 100 Miles Radius, Add* | *191.46* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 71 13 00-0007 | EA | >20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane<br>Note: Includes delivery and pickup. | 777.80 | |
| | | *For >30 To 60 Miles Radius, Add* | *194.45* | |
| | | *For >60 To 100 Miles Radius, Add* | *311.12* | |
| 01 71 13 00-0008 | EA | >40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane<br>Note: Includes delivery and pickup. | 1,076.96 | |
| | | *For >30 To 60 Miles Radius, Add* | *269.24* | |
| | | *For >60 To 100 Miles Radius, Add* | *430.78* | |
| 01 71 13 00-0009 | EA | >70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane<br>Note: Includes delivery and pickup. | 1,735.10 | |
| | | *For >30 To 60 Miles Radius, Add* | *433.78* | |
| | | *For >60 To 100 Miles Radius, Add* | *694.04* | |
| 01 71 13 00-0010 | EA | >110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane<br>Note: Includes delivery and pickup. | 2,177.85 | |
| | | *For >30 To 60 Miles Radius, Add* | *544.46* | |
| | | *For >60 To 100 Miles Radius, Add* | *871.14* | |
| 01 71 13 00-0011 | EA | >125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane<br>Note: Includes delivery and pickup. | 2,710.35 | |
| | | *For >30 To 60 Miles Radius, Add* | *677.59* | |
| | | *For >60 To 100 Miles Radius, Add* | *1,084.14* | |
| 01 71 13 00-0012 | EA | >150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane<br>Note: Includes delivery and pickup. | 3,123.19 | |
| | | *For >30 To 60 Miles Radius, Add* | *780.80* | |
| | | *For >60 To 100 Miles Radius, Add* | *1,249.28* | |
| 01 71 13 00-0013 | EA | >185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane<br>Note: Includes delivery and pickup. | 3,494.14 | |
| | | *For >30 To 60 Miles Radius, Add* | *873.54* | |
| | | *For >60 To 100 Miles Radius, Add* | *1,397.66* | |
| 01 71 13 00-0014 | EA | 75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane<br>Note: Includes delivery, rigging and pickup. | 1,854.77 | |
| | | *For >30 To 60 Miles Radius, Add* | *463.69* | |
| | | *For >60 To 100 Miles Radius, Add* | *741.91* | |
| 01 71 13 00-0015 | EA | 100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane<br>Note: Includes delivery, rigging and pickup. | 2,931.73 | |
| | | *For >30 To 60 Miles Radius, Add* | *732.93* | |
| | | *For >60 To 100 Miles Radius, Add* | *1,172.69* | |
| 01 71 13 00-0016 | EA | 125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane<br>Note: Includes delivery, rigging and pickup. | 3,709.54 | |
| | | *For >30 To 60 Miles Radius, Add* | *927.39* | |
| | | *For >60 To 100 Miles Radius, Add* | *1,483.82* | |
| 01 71 13 00-0017 | EA | 150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane<br>Note: Includes delivery, rigging and pickup. | 4,607.01 | |
| | | *For >30 To 60 Miles Radius, Add* | *1,151.75* | |
| | | *For >60 To 100 Miles Radius, Add* | *1,842.80* | |
| 01 71 13 00-0018 | EA | 200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane<br>Note: Includes delivery, rigging and pickup. | 5,743.80 | |
| | | *For >30 To 60 Miles Radius, Add* | *1,435.95* | |
| | | *For >60 To 100 Miles Radius, Add* | *2,297.52* | |
| 01 71 13 00-0019 | EA | 250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane<br>Note: Includes delivery, rigging and pickup. | 6,701.10 | |
| | | *For >30 To 60 Miles Radius, Add* | *1,675.28* | |
| | | *For >60 To 100 Miles Radius, Add* | *2,680.44* | |
| 01 71 13 00-0020 | EA | 500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane<br>Note: Includes delivery, rigging and pickup. | 13,126.98 | |
| | | *For >30 To 60 Miles Radius, Add* | *3,281.75* | |
| | | *For >60 To 100 Miles Radius, Add* | *5,250.79* | |

## 01 71 23 Field Engineering *(01 71)*

### 01 71 23 16 Construction Surveying *(01 71 23)*

#### 01 71 23 16-0001 Conventional Topographic Survey *(01 71 23 16)*

Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.

| | | | |
|---|---|---|---|
| 01 71 23 16-0002 | ACR | Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings) | 1,662.67 |
| 01 71 23 16-0003 | ACR | Conventional Topographic Survey Of Clear Area With Few To No Obstacles | 692.22 |
| 01 71 23 16-0004 | ACR | Conventional Topographic Survey Of Clear Area With Few Structures, And/Or Wooded (5-25% Buildings) | 2,407.96 |
| 01 71 23 16-0005 | ACR | Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings) | 3,460.47 |
| 01 71 23 16-0006 | ACR | Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings) | 4,271.80 |

#### 01 71 23 16-0007 Utility Survey *(01 71 23 16)*

Note: This survey is only for the location of underground utilities.

| | | | |
|---|---|---|---|
| 01 71 23 16-0008 | ACR | Survey Clear Area For Underground Utilities | 2,711.71 |

#### 01 71 23 16-0009 Property Lines Survey *(01 71 23 16)*

Note: Not to be added to tasks in the "Conventional Topographic Survey" section.

| | | | |
|---|---|---|---|
| 01 71 23 16-0010 | LF | Survey Property Lines On Cleared Land | 1.14 |
| 01 71 23 16-0011 | LF | Survey Property Lines On Slightly Wooded Land | 1.32 |
| 01 71 23 16-0012 | LF | Survey Property Lines On Wooded Land | 1.55 |

#### 01 71 23 16-0013 Survey Monument *(01 71 23 16)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 71 23 16-0014 | EA | 3' Precast Survey Monument | 138.42 | |
| | | *For Owner Furnished Monument, Deduct* | *-32.27* | |

### 01 71 23 16-0015 Facade Surveying *(01 71 23 16)*

| | | | |
|---|---|---|---|
| 01 71 23 16-0016 | LF | Facade Survey And Reports (LF Of Facade x Number Of Floors) | 2.96 |

## 01 71 36 Non-Destructive Concrete Examination *(01 71)*

### 01 71 36 00-0001 Electromagnetic Survey *(01 71 36)*

Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).

### 01 71 36 00-0002 Electromagnetic (SIR/GPR) Survey *(01 71 36 00-0001)*

| | | | |
|---|---|---|---|
| 01 71 36 00-0003 | EA | Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt | 984.48 |
| 01 71 36 00-0004 | EA | >1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt | 1,476.72 |
| 01 71 36 00-0005 | EA | >4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt | 2,953.44 |

### 01 71 36 00-0006 Reports And Mapping For Electromagnetic (SIR/GPR) Surveys *(01 71 36 00-0001)*

| | | | |
|---|---|---|---|
| 01 71 36 00-0007 | EA | Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt<br>Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos. | 328.16 |
| 01 71 36 00-0008 | EA | GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt<br>Note: Includes GPS coordinates of located items and reference items. | 656.32 |
| 01 71 36 00-0009 | EA | CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt<br>Note: Includes additions to the owner provided CAD drawing. | 1,476.72 |

# 01 74 Cleaning and Waste Management *(01 70)*

## 01 74 13 Progress Cleaning *(01 74)*

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

### 01 74 13 00-0001 General *(01 74 13)*

| | | | |
|---|---|---|---|
| 01 74 13 00-0002 | CSF | Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent | 17.22 |
| 01 74 13 00-0003 | CY | Collect Existing Debris And Load Into Truck Or Dumpster<br>Note: Per CY of debris removed. | 20.19 |

## 01 74 16 Site Maintenance *(01 74)*

### 01 74 16 00-0001 Road Maintenance *(01 74 16)*

Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks in the Construction Task Catalog®.

### 01 74 16 00-0002 Parking Lot, Road, And Street Sweeping *(01 74 16 00-0001)*

| | | | |
|---|---|---|---|
| 01 74 16 00-0003 | MSF | Sweep Parking Lot, With Street Sweeper | 19.57 |
| 01 74 16 00-0004 | MSF | Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads | 23.49 |

### 01 74 16 00-0005 Runway Sweeping *(01 74 16 00-0001)*

| | | | |
|---|---|---|---|
| 01 74 16 00-0006 | MSF | Sweep Runway, With Street Sweep | 29.36 |

## 01 74 19 Construction Waste Management and Disposal *(01 74)*

Note: Tasks in this section shall be used as directed by owner.

### 01 74 19 00-0001 Debris Chutes *(01 74 19)*

Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.

### 01 74 19 00-0002 Steel Temporary Debris Chutes *(01 74 19 00-0001)*

| | | | |
|---|---|---|---|
| 01 74 19 00-0003 | LF | 18" Diameter, Steel Temporary Debris Chute | 32.30 |
| 01 74 19 00-0004 | LF | 30" Diameter, Steel Temporary Debris Chute | 49.75 |

### 01 74 19 00-0005 Plastic Temporary Debris Chutes *(01 74 19 00-0001)*

| | | | |
|---|---|---|---|
| 01 74 19 00-0006 | LF | 24" Diameter, Plastic Temporary Debris Chute | 12.81 |
| | | *For Steel Liner, Add* | *2.60* |
| 01 74 19 00-0007 | LF | 30" Diameter, Plastic Temporary Debris Chute | 14.69 |
| | | *For Steel Liner, Add* | *2.99* |
| 01 74 19 00-0008 | LF | 36" Diameter, Plastic Temporary Debris Chute | 16.56 |
| | | *For Steel Liner, Add* | *3.37* |

### 01 74 19 00-0009 Wood Temporary Debris Chutes *(01 74 19 00-0001)*

| | | | |
|---|---|---|---|
| 01 74 19 00-0010 | LF | 4' x 4', Wood Temporary Debris Chute<br>Note: Includes fabrication and installation. | 26.26 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 01 74 19 00-0011 | | Construction Dumpsters Rental *(01 74 19)*<br>Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil. | | |
| 01 74 19 00-0012 | EA | 10 CY Dumpster (1 Ton) "Construction Debris"<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material. | 629.99 | |
| | | *For Each Ton Over Indicated Amount, Add* | *110.00* | |
| 01 74 19 00-0013 | EA | 15 CY Dumpster (2 Ton) "Construction Debris"<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material. | 684.99 | |
| | | *For Each Ton Over Indicated Amount, Add* | *110.00* | |
| 01 74 19 00-0014 | EA | 20 CY Dumpster (3 Ton) "Construction Debris"<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material. | 765.00 | |
| | | *For Each Ton Over Indicated Amount, Add* | *110.00* | |
| 01 74 19 00-0015 | EA | 30 CY Dumpster (4 Ton) "Construction Debris"<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material. | 855.00 | |
| | | *For Each Ton Over Indicated Amount, Add* | *110.00* | |
| 01 74 19 00-0016 | EA | 40 CY Dumpster (5 Ton) "Construction Debris"<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material. | 1,109.99 | |
| | | *For Each Ton Over Indicated Amount, Add* | *110.00* | |
| 01 74 19 00-0017 | | Concrete Washout Service *(01 74 19)* | | |
| 01 74 19 00-0018 | MO | Rampless Concrete Washout Bin<br>Note: Includes delivery. | 658.35 | |
| 01 74 19 00-0019 | MO | Ramped Concrete Washout Bin<br>Note: Includes delivery. | 790.02 | |
| 01 74 19 00-0020 | EA | Interim Vacuum Service, Concrete Washout Bin<br>Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material. | 541.71 | |
| 01 74 19 00-0021 | EA | Vacuum, Pickup, Swap And Dump, Concrete Washout Bin<br>Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed. | 1,173.70 | |
| 01 74 19 00-0022 | | Debris Processing Fee *(01 74 19)* | | |
| 01 74 19 00-0023 | | Material Recycling Fees *(01 74 19 00-0022)*<br>Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling. | | |
| 01 74 19 00-0024 | CY | Drop-Off Asphalt At Recycling Center | 40.41 | |
| 01 74 19 00-0025 | CY | Drop-Off Non Reinforced Concrete At Recycling Center | 54.14 | |
| 01 74 19 00-0026 | CY | Drop-Off Reinforced Concrete At Recycling Center | 81.21 | |
| 01 74 19 00-0027 | CY | Drop-Off Brick Or Block At Recycling Center | 70.38 | |
| 01 74 19 00-0028 | CY | Drop-Off Dirt At Recycling Center | 78.50 | |
| 01 74 19 00-0029 | CY | Drop-Off Dimensional Lumber At Recycling Center | 75.79 | |
| 01 74 19 00-0030 | CY | Drop-Off Mixed Gravel/Aggregate At Recycling Center | 96.44 | |
| 01 74 19 00-0031 | | Landfill Dump Fees *(01 74 19 00-0022)*<br>Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling. | | |
| 01 74 19 00-0032 | CY | Traditional Building Construction Materials Landfill Dump Fee | 36.03 | |
| 01 74 19 00-0033 | TON | Traditional Building Construction Materials, Landfill Dump Fee | 157.00 | |
| 01 74 19 00-0034 | CY | Trees, Stumps And Brush, Landfill Dump Fee | 43.36 | |
| 01 74 19 00-0035 | CY | Hazardous Materials And Rubbish Landfill Dump Fee<br>Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc. | 103.41 | |
| 01 74 19 00-0036 | CY | Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee | 73.47 | |
| 01 74 19 00-0037 | | Hauling *(01 74 19)*<br>Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM. | | |
| 01 74 19 00-0038 | CYM | Hauling On Paved Roads, First 15 Miles | 0.95 | |
| 01 74 19 00-0039 | CYM | Hauling On Paved Roads, Miles Over Initial 15 Miles | 0.63 | |
| 01 74 19 00-0040 | CYM | Hauling On Unimproved Roads, First 15 Miles | 1.46 | |
| 01 74 19 00-0041 | CYM | Hauling On Unimproved Roads, Miles Over Initial 15 Miles | 1.14 | |
| **01 74 23** | | **Final Cleaning** *(01 74)* | | |
| 01 74 23 00-0001 | | Cleaning Of Glass *(01 74 23)* | | |
| 01 74 23 00-0002 | CSF | Cleaning Of Existing Glass Surfaces | 23.90 | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

**END OF SECTION 01**

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 02 Existing Conditions

## 02 20 Assessment *(02)*

### 02 25 Existing Material Assessment *(02 20)*

**02 25 16 Existing Concrete, Masonry or Asphalt Assessment** *(02 25)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

**02 25 16 13 Concrete Assessment Drilling** *(02 25 16)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

## 02 30 Subsurface Investigation *(02)*

### 02 32 Geotechnical Investigations *(02 30)*

**02 32 13 Subsurface Drilling and Sampling** *(02 32)*

See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001 Mobilization Of Drilling Crew *(02 32 13)*

| | | | |
|---|---|---|---|
| 02 32 13 00-0002 | EA | Mobilization Of Drilling Crew | 1,014.75 |

02 32 13 00-0003 Auger Borings *(02 32 13)*

| | | | |
|---|---|---|---|
| 02 32 13 00-0004 | LF | Standard Auger Hole With Split Spoon Sample At 5' Intervals | 30.56 |

02 32 13 00-0005 Cased Borings In Earth, With Samples *(02 32 13)*

Note: All types of soils.

| | | | |
|---|---|---|---|
| 02 32 13 00-0006 | LF | 2-1/2" Diameter Cased Borings In Earth, With Samples | 80.71 |
| 02 32 13 00-0007 | LF | 4" Diameter Cased Borings In Earth, With Samples | 138.04 |

02 32 13 00-0008 Drilling In Rock, BW Core (2.125") *(02 32 13)*

| | | | |
|---|---|---|---|
| 02 32 13 00-0009 | LF | Drill In Rock, BW Core, With Casing | 85.04 |
| | | Note: Includes sampling. | |
| 02 32 13 00-0010 | EA | Drill In Rock, With BW Core Boxes | 8.15 |

02 32 13 00-0011 Drilling In Rock, NW Core (2.98") *(02 32 13)*

| | | | |
|---|---|---|---|
| 02 32 13 00-0012 | LF | Drill In Rock, NW Core, With Casing | 110.05 |
| | | Note: Includes sampling. | |
| 02 32 13 00-0013 | EA | Drill In Rock, With NW Core Boxes | 9.37 |

02 32 13 00-0014 Test Pits For Boring Activities *(02 32 13)*

Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

02 32 13 00-0015 Backhoe Dug Test Pits *(02 32 13 00-0014)*

| | | | |
|---|---|---|---|
| 02 32 13 00-0016 | CY | Excavation For Test Pit, Light Material, Backhoe Excavation | 56.83 |
| 02 32 13 00-0017 | CY | Excavation For Test Pits, Medium Material, Backhoe Excavation | 66.29 |
| 02 32 13 00-0018 | CY | Excavation For Test Pit, Heavy Material, Backhoe Excavation | 88.39 |

02 32 13 00-0019 Hand-Dug Test Pits *(02 32 13 00-0014)*

| | | | |
|---|---|---|---|
| 02 32 13 00-0020 | CY | Excavation For Test Pit, Light Soil, Hand Excavation | 152.85 |
| 02 32 13 00-0021 | CY | Excavation For Test Pit, Heavy Soil, Hand Excavation | 275.14 |

02 32 13 00-0022 Shelby Tube Sampling *(02 32 13)*

| | | | |
|---|---|---|---|
| 02 32 13 00-0023 | EA | Shelby Tube Sampling | 47.31 |
| 02 32 13 00-0024 | EA | Penetration Test | 38.55 |

02 32 13 00-0025 Grouting *(02 32 13)*

| | | | |
|---|---|---|---|
| 02 32 13 00-0026 | VLF | Boreholes | 8.97 |

**02 32 19 Exploratory Excavations** *(02 32)*

02 32 19 00-0001 Hydro Excavation *(02 32 19)*

Note: Assumes on-site disposal.

| | | | |
|---|---|---|---|
| 02 32 19 00-0002 | EA | Hydro Excavation, Mobilization/Demobilization | 154.52 |
| 02 32 19 00-0003 | EA | Hydro Excavation, Minimum Charge | 618.10 |
| | | Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | |
| 02 32 19 00-0004 | CY | Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) | 34.33 |
| | | Note: Normal soil conditions consist of silt, sand and gravel. | |
| 02 32 19 00-0005 | CY | Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck) | 54.94 |
| | | Note: Adverse soil conditions consist of clay, glacial till and rocks. | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 02 40 Demolition and Structure Moving *(02)*

## 02 41 Demolition *(02 40)*

### 02 41 13 Selective Site Demolition *(02 41)*

#### 02 41 13 13 Paving Removal *(02 41 13)*

Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.

02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

| | | | | |
|---|---|---|---|---|
| 02 41 13 13-0002 | SY | Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving | 6.17 | |
| | | *For >500 To 1,000, Deduct* | *-0.62* | |
| | | *For >1,000 To 2,500, Deduct* | *-1.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.60* | |
| | | *For >5,000 To 10,000, Deduct* | *-2.10* | |
| | | *For >10,000, Deduct* | *-2.59* | |
| 02 41 13 13-0003 | SY | >3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving | 9.27 | |
| | | *For >500 To 1,000, Deduct* | *-0.93* | |
| | | *For >1,000 To 2,500, Deduct* | *-1.67* | |
| | | *For >2,500 To 5,000, Deduct* | *-2.41* | |
| | | *For >5,000 To 10,000, Deduct* | *-3.15* | |
| | | *For >10,000, Deduct* | *-3.89* | |
| 02 41 13 13-0004 | SY | >6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving | 12.35 | |
| | | *For >500 To 1,000, Deduct* | *-1.24* | |
| | | *For >1,000 To 2,500, Deduct* | *-2.22* | |
| | | *For >2,500 To 5,000, Deduct* | *-3.21* | |
| | | *For >5,000 To 10,000, Deduct* | *-4.20* | |
| | | *For >10,000, Deduct* | *-5.19* | |
| 02 41 13 13-0005 | SY | Up To 3" By Machine, Break-up And Leave In Place Concrete Paving | 12.37 | |
| | | *For >500 To 1,000, Deduct* | *-1.24* | |
| | | *For >1,000 To 2,500, Deduct* | *-2.23* | |
| | | *For >2,500 To 5,000, Deduct* | *-3.22* | |
| | | *For >5,000 To 10,000, Deduct* | *-4.21* | |
| | | *For >10,000, Deduct* | *-5.20* | |
| 02 41 13 13-0006 | SY | >3" To 6" By Machine, Break-up And Leave In Place Concrete Paving | 17.47 | |
| | | *For >500 To 1,000, Deduct* | *-1.75* | |
| | | *For >1,000 To 2,500, Deduct* | *-3.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-4.54* | |
| | | *For >5,000 To 10,000, Deduct* | *-5.94* | |
| | | *For >10,000, Deduct* | *-7.34* | |
| 02 41 13 13-0007 | SY | >6" To 9" By Machine, Break-up And Leave In Place Concrete Paving | 24.74 | |
| | | *For >500 To 1,000, Deduct* | *-2.47* | |
| | | *For >1,000 To 2,500, Deduct* | *-4.45* | |
| | | *For >2,500 To 5,000, Deduct* | *-6.43* | |
| | | *For >5,000 To 10,000, Deduct* | *-8.41* | |
| | | *For >10,000, Deduct* | *-10.39* | |
| 02 41 13 13-0008 | SY | >9" To 14" By Machine, Break-up And Leave In Place Concrete Paving | 34.92 | |
| | | *For >500 To 1,000, Deduct* | *-3.49* | |
| | | *For >1,000 To 2,500, Deduct* | *-6.29* | |
| | | *For >2,500 To 5,000, Deduct* | *-9.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-11.87* | |
| | | *For >10,000, Deduct* | *-14.67* | |
| 02 41 13 13-0009 | SY | >14" To 19" By Machine, Break-up And Leave In Place Concrete Paving | 45.67 | |
| | | *For >500 To 1,000, Deduct* | *-4.57* | |
| | | *For >1,000 To 2,500, Deduct* | *-8.22* | |
| | | *For >2,500 To 5,000, Deduct* | *-11.87* | |
| | | *For >5,000 To 10,000, Deduct* | *-15.53* | |
| | | *For >10,000, Deduct* | *-19.18* | |
| 02 41 13 13-0010 | SY | >19" To 24" By Machine, Break-up And Leave In Place Concrete Paving | 59.37 | |
| | | *For >500 To 1,000, Deduct* | *-5.94* | |
| | | *For >1,000 To 2,500, Deduct* | *-10.69* | |
| | | *For >2,500 To 5,000, Deduct* | *-15.44* | |
| | | *For >5,000 To 10,000, Deduct* | *-20.19* | |
| | | *For >10,000, Deduct* | *-24.94* | |

02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 13 13-0032 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

| | | | |
|---|---|---|---|
| 02 41 13 13-0012 | SF | Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving | 1.46 |
| 02 41 13 13-0013 | SF | >3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving | 1.86 |
| 02 41 13 13-0014 | SF | >6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving | 2.45 |
| 02 41 13 13-0015 | SF | Up To 3" By Hand, Break-up And Leave In Place Concrete Paving | 1.84 |
| 02 41 13 13-0016 | SF | >3" To 6" By Hand, Break-up And Leave In Place Concrete Paving | 2.33 |
| 02 41 13 13-0017 | SF | >6" To 8" By Hand, Break-up And Leave In Place Concrete Paving | 3.07 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 13 13-0018 | | By Machine, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)* | | |
| | | Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting. | | |
| 02 41 13 13-0019 | SY | Up To 3" By Machine, Break-up And Remove Bituminous Paving | 13.80 | |
| | | *For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add* | *4.14* | |
| | | *For Elevated Slab, Add* | *6.90* | |
| | | *For >500 To 1,000, Deduct* | *-1.38* | |
| | | *For >1,000 To 2,500, Deduct* | *-2.48* | |
| | | *For >2,500 To 5,000, Deduct* | *-3.59* | |
| | | *For >5,000 To 10,000, Deduct* | *-4.69* | |
| | | *For >10,000, Deduct* | *-5.80* | |
| 02 41 13 13-0020 | SY | >3" To 6" By Machine, Break-up And Remove Bituminous Paving | 18.84 | |
| | | *For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add* | *5.65* | |
| | | *For Elevated Slab, Add* | *9.42* | |
| | | *For >500 To 1,000, Deduct* | *-1.88* | |
| | | *For >1,000 To 2,500, Deduct* | *-3.39* | |
| | | *For >2,500 To 5,000, Deduct* | *-4.90* | |
| | | *For >5,000 To 10,000, Deduct* | *-6.41* | |
| | | *For >10,000, Deduct* | *-7.91* | |
| 02 41 13 13-0021 | SY | Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving | 15.88 | |
| | | *For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add* | *4.76* | |
| | | *For Elevated Slab, Add* | *7.94* | |
| | | *For >500 To 1,000, Deduct* | *-1.59* | |
| | | *For >1,000 To 2,500, Deduct* | *-2.86* | |
| | | *For >2,500 To 5,000, Deduct* | *-4.13* | |
| | | *For >5,000 To 10,000, Deduct* | *-5.40* | |
| | | *For >10,000, Deduct* | *-6.67* | |
| 02 41 13 13-0022 | SY | >3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving | 20.78 | |
| | | *For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add* | *6.23* | |
| | | *For Elevated Slab, Add* | *10.39* | |
| | | *For >500 To 1,000, Deduct* | *-2.08* | |
| | | *For >1,000 To 2,500, Deduct* | *-3.74* | |
| | | *For >2,500 To 5,000, Deduct* | *-5.40* | |
| | | *For >5,000 To 10,000, Deduct* | *-7.07* | |
| | | *For >10,000, Deduct* | *-8.73* | |
| 02 41 13 13-0023 | SY | Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving | 21.08 | |
| | | *For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add* | *6.32* | |
| | | *For Elevated Slab, Add* | *10.54* | |
| | | *For >500 To 1,000, Deduct* | *-2.11* | |
| | | *For >1,000 To 2,500, Deduct* | *-3.79* | |
| | | *For >2,500 To 5,000, Deduct* | *-5.48* | |
| | | *For >5,000 To 10,000, Deduct* | *-7.17* | |
| | | *For >10,000, Deduct* | *-8.85* | |
| 02 41 13 13-0024 | SY | >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving | 27.31 | |
| | | *For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add* | *8.19* | |
| | | *For Elevated Slab, Add* | *13.66* | |
| | | *For >500 To 1,000, Deduct* | *-2.73* | |
| | | *For >1,000 To 2,500, Deduct* | *-4.92* | |
| | | *For >2,500 To 5,000, Deduct* | *-7.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-9.29* | |
| | | *For >10,000, Deduct* | *-11.47* | |
| 02 41 13 13-0025 | SY | >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving | 45.28 | |
| | | *For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add* | *13.58* | |
| | | *For Elevated Slab, Add* | *22.64* | |
| | | *For >500 To 1,000, Deduct* | *-4.53* | |
| | | *For >1,000 To 2,500, Deduct* | *-8.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-11.77* | |
| | | *For >5,000 To 10,000, Deduct* | *-15.40* | |
| | | *For >10,000, Deduct* | *-19.02* | |
| 02 41 13 13-0026 | SY | Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving | 22.86 | |
| | | *For Elevated Slab, Add* | *11.43* | |
| | | *For >500 To 1,000, Deduct* | *-2.29* | |
| | | *For >1,000 To 2,500, Deduct* | *-4.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-5.94* | |
| | | *For >5,000 To 10,000, Deduct* | *-7.77* | |
| | | *For >10,000, Deduct* | *-9.60* | |
| 02 41 13 13-0027 | SY | >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving | 29.39 | |
| | | *For Elevated Slab, Add* | *14.70* | |
| | | *For >500 To 1,000, Deduct* | *-2.94* | |
| | | *For >1,000 To 2,500, Deduct* | *-5.29* | |
| | | *For >2,500 To 5,000, Deduct* | *-7.64* | |
| | | *For >5,000 To 10,000, Deduct* | *-9.99* | |
| | | *For >10,000, Deduct* | *-12.34* | |
| 02 41 13 13-0028 | SY | >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving | 52.54 | |
| | | *For Elevated Slab, Add* | *26.27* | |
| | | *For >500 To 1,000, Deduct* | *-5.25* | |
| | | *For >1,000 To 2,500, Deduct* | *-9.46* | |
| | | *For >2,500 To 5,000, Deduct* | *-13.66* | |
| | | *For >5,000 To 10,000, Deduct* | *-17.86* | |
| | | *For >10,000, Deduct* | *-22.07* | |
| 02 41 13 13-0029 | SY | >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving | 68.58 | |
| | | *For Elevated Slab, Add* | *34.29* | |
| | | *For >500 To 1,000, Deduct* | *-6.86* | |
| | | *For >1,000 To 2,500, Deduct* | *-12.34* | |
| | | *For >2,500 To 5,000, Deduct* | *-17.83* | |
| | | *For >5,000 To 10,000, Deduct* | *-23.32* | |
| | | *For >10,000, Deduct* | *-28.80* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 13 13-0030 | SY | >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving | 89.65 | |
| | | *For Elevated Slab, Add* | *44.83* | |
| | | *For >500 To 1,000, Deduct* | *-8.97* | |
| | | *For >1,000 To 2,500, Deduct* | *-16.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-23.31* | |
| | | *For >5,000 To 10,000, Deduct* | *-30.48* | |
| | | *For >10,000, Deduct* | *-37.65* | |
| 02 41 13 13-0031 | SY | >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving | 108.80 | |
| | | *For Elevated Slab, Add* | *54.40* | |
| | | *For >500 To 1,000, Deduct* | *-10.88* | |
| | | *For >1,000 To 2,500, Deduct* | *-19.58* | |
| | | *For >2,500 To 5,000, Deduct* | *-28.29* | |
| | | *For >5,000 To 10,000, Deduct* | *-36.99* | |
| | | *For >10,000, Deduct* | *-45.70* | |

### 02 41 13 13-0032 By Hand, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting.

| | | | |
|---|---|---|---|
| 02 41 13 13-0033 | SF | Up To 3" By Hand, Break-up And Remove Bituminous Paving | 3.26 |
| 02 41 13 13-0034 | SF | >3" To 6" By Hand, Break-up And Remove Bituminous Paving | 4.29 |
| 02 41 13 13-0035 | SF | >6" To 8" By Hand, Break-up And Remove Bituminous Paving | 5.58 |
| 02 41 13 13-0036 | SF | Up To 3" By Hand, Break-up And Remove Concrete Paving | 4.08 |
| 02 41 13 13-0037 | SF | >3" To 6" By Hand, Break-up And Remove Concrete Paving | 5.64 |
| 02 41 13 13-0038 | SF | >6" To 8" By Hand, Break-up And Remove Concrete Paving | 7.21 |
| 02 41 13 13-0039 | SF | Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving | 5.71 |
| 02 41 13 13-0040 | SF | >3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving | 7.88 |
| 02 41 13 13-0041 | SF | >6" To 8" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving | 10.10 |

### 02 41 13 13-0042 Grind Concrete *(02 41 13 13)*

| | | | |
|---|---|---|---|
| 02 41 13 13-0043 | EA | Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard)<br>Note: For each location up to 5' wide, feather up to 12" each direction. | 177.53 |
| | | *For >1/2" To 1" Depth Of Grinding, Add* | *26.63* |
| | | *For >1" To 1-1/2" Depth Of Grinding, Add* | *44.38* |
| | | *For Up To 5, Add* | *35.51* |
| | | *For >5 To 10, Add* | *17.75* |
| | | *For >25 To 50, Deduct* | *-17.75* |
| | | *For >50 To 250, Deduct* | *-26.63* |
| | | *For >250, Deduct* | *-35.51* |
| | | *For Sidewalks >5', Add* | *17.75* |
| | | *For Up To 12" Additional Feathering Per Side, Add* | *17.75* |

## 02 41 13 15 Hydro Demolition *(02 41 13)*

### 02 41 13 15-0001 Hydro Demolition Of Concrete Pavement *(02 41 13 15)*

Note: Includes removal but excludes disposal of concrete.

| | | | |
|---|---|---|---|
| 02 41 13 15-0002 | SF | Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet | 6.66 |
| 02 41 13 15-0003 | SF | >2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet | 8.32 |
| 02 41 13 15-0004 | SF | >4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet | 11.12 |
| 02 41 13 15-0005 | SF | >6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet | 22.14 |

## 02 41 16 Structure Demolition *(02 41)*

## 02 41 16 13 Building Demolition *(02 41 16)*

### 02 41 16 13-0001 Building Interior Demolition *(02 41 16 13)*

Note: Gutted and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminates or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.

| | | | |
|---|---|---|---|
| 02 41 16 13-0002 | GSF | Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck | 6.81 |
| 02 41 16 13-0003 | GSF | Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck | 10.30 |
| 02 41 16 13-0004 | GSF | >2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck | 8.42 |
| 02 41 16 13-0005 | GSF | >10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck | 7.49 |

### 02 41 16 13-0006 Commercial And Residential Structures Demolition *(02 41 16 13)*

Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 02 41 16 13-0007 Steel Framed Building Demolition *(02 41 16 13-0006)*

Note: Includes masonry partitions and concrete decks.

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0008 | CCF | By Pneumatic Tools/Hand, Steel Framed Building Demolition | 64.54 | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct* | | *-4.84* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct* | | *-9.68* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct* | | *-14.52* |
| | | *For Up To 500, Add* | | *19.36* |
| | | *For >500 To 1,000, Add* | | *12.91* |
| | | *For >1,000 To 2,000, Add* | | *6.45* |
| | | *For Volume Of Area Within 15' To An Adjacent Building, Add* | | *21.30* |
| | | *For No Interior Partitions, Deduct* | | *-16.14* |
| 02 41 16 13-0009 | CCF | By Machine, Steel Framed Building Demolition | 40.26 | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct* | | *-3.02* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct* | | *-6.04* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct* | | *-9.06* |
| | | *For Up To 500, Add* | | *12.08* |
| | | *For >500 To 1,000, Add* | | *8.05* |
| | | *For >1,000 To 2,000, Add* | | *4.03* |
| | | *For Work >3 Stories To 6 Stories (Exclude Volume Below), Add* | | *6.04* |
| | | *For Work >6 Stories To 10 Stories (Exclude Volume Below), Add* | | *10.07* |
| | | *For Work >10 Stories To 15 Stories (Exclude Volume Below), Add* | | *14.09* |
| | | *For Volume Of Area Within 15' To An Adjacent Building, Add* | | *13.29* |
| | | *For No Interior Partitions, Deduct* | | *-10.07* |

## 02 41 16 13-0010 Reinforced Concrete Building Demolition *(02 41 16 13-0006)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0011 | CCF | By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition | 81.00 | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct* | | *-6.08* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct* | | *-12.15* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct* | | *-18.23* |
| | | *For Up To 500, Add* | | *24.30* |
| | | *For >500 To 1,000, Add* | | *16.20* |
| | | *For >1,000 To 2,000, Add* | | *8.10* |
| | | *For Volume Of Area Within 15' To An Adjacent Building, Add* | | *26.73* |
| | | *For No Interior Partitions, Deduct* | | *-20.25* |
| 02 41 16 13-0012 | CCF | By Machine, Reinforced Concrete Building Demolition | 53.15 | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct* | | *-3.99* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct* | | *-7.97* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct* | | *-11.96* |
| | | *For Up To 500, Add* | | *15.95* |
| | | *For >500 To 1,000, Add* | | *10.63* |
| | | *For >1,000 To 2,000, Add* | | *5.32* |
| | | *For Work >3 Stories To 6 Stories (Exclude Volume Below), Add* | | *7.97* |
| | | *For Work >6 Stories To 10 Stories (Exclude Volume Below), Add* | | *13.29* |
| | | *For Work >10 Stories To 15 Stories (Exclude Volume Below), Add* | | *18.60* |
| | | *For Volume Of Area Within 15' To An Adjacent Building, Add* | | *17.54* |
| | | *For No Interior Partitions, Deduct* | | *-13.29* |

## 02 41 16 13-0013 Masonry Construction Building Demolition *(02 41 16 13-0006)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0014 | CCF | By Pneumatic Tools/Hand, Masonry Construction Building Demolition | 56.92 | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct* | | *-4.27* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct* | | *-8.54* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct* | | *-12.81* |
| | | *For Up To 500, Add* | | *17.08* |
| | | *For >500 To 1,000, Add* | | *11.38* |
| | | *For >1,000 To 2,000, Add* | | *5.69* |
| | | *For Volume Of Area Within 15' To An Adjacent Building, Add* | | *18.78* |
| | | *For No Interior Partitions, Deduct* | | *-14.23* |
| 02 41 16 13-0015 | CCF | By Machine, Masonry Construction Building Demolition | 36.12 | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct* | | *-2.71* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct* | | *-5.42* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct* | | *-8.13* |
| | | *For Up To 500, Add* | | *10.84* |
| | | *For >500 To 1,000, Add* | | *7.22* |
| | | *For >1,000 To 2,000, Add* | | *3.61* |
| | | *For Work >3 Stories To 6 Stories (Exclude Volume Below), Add* | | *5.42* |
| | | *For Work >6 Stories To 10 Stories (Exclude Volume Below), Add* | | *9.03* |
| | | *For Work >10 Stories To 15 Stories (Exclude Volume Below), Add* | | *12.64* |
| | | *For Volume Of Area Within 15' To An Adjacent Building, Add* | | *11.92* |
| | | *For No Interior Partitions, Deduct* | | *-9.03* |

## 02 41 16 13-0016 Wood Frame Construction Building Demolition *(02 41 16 13-0006)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0017 | CCF | By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition | 49.47 | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct* | | *-3.71* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct* | | *-7.42* |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct* | | *-11.13* |
| | | *For Up To 500, Add* | | *14.84* |
| | | *For >500 To 1,000, Add* | | *9.89* |
| | | *For >1,000 To 2,000, Add* | | *4.95* |
| | | *For Volume Of Area Within 15' To An Adjacent Building, Add* | | *16.33* |
| | | *For No Interior Partitions, Deduct* | | *-12.37* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 16 13-0018 | CCF | By Machine, Wood Frame Construction Building Demolition | 30.91 | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct* | *-2.32* | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct* | *-4.64* | |
| | | *For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct* | *-6.95* | |
| | | *For Up To 500, Add* | *9.27* | |
| | | *For >500 To 1,000, Add* | *6.18* | |
| | | *For >1,000 To 2,000, Add* | *3.09* | |
| | | *For Work >3 Stories To 6 Stories (Exclude Volume Below), Add* | *4.64* | |
| | | *For Volume Of Area Within 15' To An Adjacent Building, Add* | *10.20* | |
| | | *For No Interior Partitions, Deduct* | *-7.73* | |

## 02 41 16 13-0019 Sorting Of Material Debris For Recycling Prior To Hauling Off *(02 41 16 13-0006)*

Note: Per building volume.

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0020 | CCF | Sorting Of Material Debris For Recycling Prior To Hauling Off | 7.55 | |
| | | *For Up To 500, Add* | *2.27* | |
| | | *For >500 To 1,000, Add* | *1.51* | |
| | | *For >1,000 To 2,000, Add* | *0.76* | |

## 02 41 16 13-0021 Foundation Demolition *(02 41 16 13)*

Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.

## 02 41 16 13-0022 Concrete Foundation Demolition *(02 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0023 | CF | Non Reinforced Concrete Foundation Demolition | 12.14 | |
| | | *For >135 To 405, Deduct* | *-1.06* | |
| | | *For >405 To 810, Deduct* | *-2.12* | |
| | | *For >810 To 2025, Deduct* | *-3.04* | |
| | | *For >2025, Deduct* | *-4.86* | |
| 02 41 16 13-0024 | CF | Reinforced Concrete Foundation Demolition | 14.57 | |
| | | *For >135 To 405, Deduct* | *-1.27* | |
| | | *For >405 To 810, Deduct* | *-2.55* | |
| | | *For >810 To 2025, Deduct* | *-3.64* | |
| | | *For >2025, Deduct* | *-5.83* | |

## 02 41 16 13-0025 Concrete Foundation Wall Demolition *(02 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0026 | SF | 4" Thick Non Reinforced Concrete Foundation Wall Demolition | 5.21 | |
| | | *For >500 To 2,000, Deduct* | *-0.39* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.04* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.82* | |
| | | *For >8,000, Deduct* | *-2.87* | |
| 02 41 16 13-0027 | SF | 6" Thick Non Reinforced Concrete Foundation Wall Demolition | 6.94 | |
| | | *For >500 To 2,000, Deduct* | *-0.52* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.39* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.43* | |
| | | *For >8,000, Deduct* | *-3.82* | |
| 02 41 16 13-0028 | SF | 8" Thick Non Reinforced Concrete Foundation Wall Demolition | 8.67 | |
| | | *For >500 To 2,000, Deduct* | *-0.65* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.73* | |
| | | *For >6,000 To 8,000, Deduct* | *-3.03* | |
| | | *For >8,000, Deduct* | *-4.77* | |
| 02 41 16 13-0029 | SF | 10" Thick Non Reinforced Concrete Foundation Wall Demolition | 10.41 | |
| | | *For >500 To 2,000, Deduct* | *-0.78* | |
| | | *For >2,000 To 6,000, Deduct* | *-2.08* | |
| | | *For >6,000 To 8,000, Deduct* | *-3.64* | |
| | | *For >8,000, Deduct* | *-5.73* | |
| 02 41 16 13-0030 | SF | 12" Thick Non Reinforced Concrete Foundation Wall Demolition | 12.14 | |
| | | *For >500 To 2,000, Deduct* | *-0.91* | |
| | | *For >2,000 To 6,000, Deduct* | *-2.43* | |
| | | *For >6,000 To 8,000, Deduct* | *-4.25* | |
| | | *For >8,000, Deduct* | *-6.68* | |
| 02 41 16 13-0031 | SF | 16" Thick Non Reinforced Concrete Foundation Wall Demolition | 13.87 | |
| | | *For >500 To 2,000, Deduct* | *-1.04* | |
| | | *For >2,000 To 6,000, Deduct* | *-2.77* | |
| | | *For >6,000 To 8,000, Deduct* | *-4.85* | |
| | | *For >8,000, Deduct* | *-7.63* | |
| 02 41 16 13-0032 | SF | 4" Thick Reinforced Concrete Foundation Wall Demolition | 6.25 | |
| | | *For >500 To 2,000, Deduct* | *-0.47* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.25* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.19* | |
| | | *For >8,000, Deduct* | *-3.44* | |
| 02 41 16 13-0033 | SF | 6" Thick Reinforced Concrete Foundation Wall Demolition | 8.32 | |
| | | *For >500 To 2,000, Deduct* | *-0.62* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.66* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.91* | |
| | | *For >8,000, Deduct* | *-4.58* | |
| 02 41 16 13-0034 | SF | 8" Thick Reinforced Concrete Foundation Wall Demolition | 10.41 | |
| | | *For >500 To 2,000, Deduct* | *-0.78* | |
| | | *For >2,000 To 6,000, Deduct* | *-2.08* | |
| | | *For >6,000 To 8,000, Deduct* | *-3.64* | |
| | | *For >8,000, Deduct* | *-5.73* | |
| 02 41 16 13-0035 | SF | 10" Thick Reinforced Concrete Foundation Wall Demolition | 12.31 | |
| | | *For >500 To 2,000, Deduct* | *-0.92* | |
| | | *For >2,000 To 6,000, Deduct* | *-2.46* | |
| | | *For >6,000 To 8,000, Deduct* | *-4.31* | |
| | | *For >8,000, Deduct* | *-6.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 16 13-0036 | SF | 12" Thick Reinforced Concrete Foundation Wall Demolition | 14.57 | |
| | | *For >500 To 2,000, Deduct* | *-1.09* | |
| | | *For >2,000 To 6,000, Deduct* | *-2.91* | |
| | | *For >6,000 To 8,000, Deduct* | *-5.10* | |
| | | *For >8,000, Deduct* | *-8.01* | |
| 02 41 16 13-0037 | SF | 16" Thick Reinforced Concrete Foundation Wall Demolition | 16.65 | |
| | | *For >500 To 2,000, Deduct* | *-1.25* | |
| | | *For >2,000 To 6,000, Deduct* | *-3.33* | |
| | | *For >6,000 To 8,000, Deduct* | *-5.83* | |
| | | *For >8,000, Deduct* | *-9.16* | |

## 02 41 16 13-0038 Concrete Block Foundation Wall Demolition *(02 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0039 | SF | 4" Thick Non Reinforced Concrete Block Foundation Wall Demolition | 3.82 | |
| | | *For >500 To 2,000, Deduct* | *-0.29* | |
| | | *For >2,000 To 6,000, Deduct* | *-0.76* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.34* | |
| | | *For >8,000, Deduct* | *-2.10* | |
| 02 41 16 13-0040 | SF | 6" Thick Non Reinforced Concrete Block Foundation Wall Demolition | 4.08 | |
| | | *For >500 To 2,000, Deduct* | *-0.31* | |
| | | *For >2,000 To 6,000, Deduct* | *-0.82* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.43* | |
| | | *For >8,000, Deduct* | *-2.24* | |
| 02 41 16 13-0041 | SF | 8" Thick Non Reinforced Concrete Block Foundation Wall Demolition | 4.60 | |
| | | *For >500 To 2,000, Deduct* | *-0.35* | |
| | | *For >2,000 To 6,000, Deduct* | *-0.92* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.61* | |
| | | *For >8,000, Deduct* | *-2.53* | |
| 02 41 16 13-0042 | SF | 10" Thick Non Reinforced Concrete Block Foundation Wall Demolition | 5.29 | |
| | | *For >500 To 2,000, Deduct* | *-0.40* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.06* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.85* | |
| | | *For >8,000, Deduct* | *-2.91* | |
| 02 41 16 13-0043 | SF | 12" Thick Non Reinforced Concrete Block Foundation Wall Demolition | 5.89 | |
| | | *For >500 To 2,000, Deduct* | *-0.44* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.18* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.06* | |
| | | *For >8,000, Deduct* | *-3.24* | |
| 02 41 16 13-0044 | SF | 16" Thick Non Reinforced Concrete Block Foundation Wall Demolition | 7.37 | |
| | | *For >500 To 2,000, Deduct* | *-0.55* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.47* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.58* | |
| | | *For >8,000, Deduct* | *-4.05* | |
| 02 41 16 13-0045 | SF | 4" Thick Reinforced Concrete Block Foundation Wall Demolition | 4.58 | |
| | | *For >500 To 2,000, Deduct* | *-0.34* | |
| | | *For >2,000 To 6,000, Deduct* | *-0.92* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.60* | |
| | | *For >8,000, Deduct* | *-2.52* | |
| 02 41 16 13-0046 | SF | 6" Thick Reinforced Concrete Block Foundation Wall Demolition | 4.90 | |
| | | *For >500 To 2,000, Deduct* | *-0.37* | |
| | | *For >2,000 To 6,000, Deduct* | *-0.98* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.72* | |
| | | *For >8,000, Deduct* | *-2.70* | |
| 02 41 16 13-0047 | SF | 8" Thick Reinforced Concrete Block Foundation Wall Demolition | 5.51 | |
| | | *For >500 To 2,000, Deduct* | *-0.41* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.10* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.93* | |
| | | *For >8,000, Deduct* | *-3.03* | |
| 02 41 16 13-0048 | SF | 10" Thick Reinforced Concrete Block Foundation Wall Demolition | 6.35 | |
| | | *For >500 To 2,000, Deduct* | *-0.48* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.27* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.22* | |
| | | *For >8,000, Deduct* | *-3.49* | |
| 02 41 16 13-0049 | SF | 12" Thick Reinforced Concrete Block Foundation Wall Demolition | 7.07 | |
| | | *For >500 To 2,000, Deduct* | *-0.53* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.41* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.47* | |
| | | *For >8,000, Deduct* | *-3.89* | |
| 02 41 16 13-0050 | SF | 16" Thick Reinforced Concrete Block Foundation Wall Demolition | 8.85 | |
| | | *For >500 To 2,000, Deduct* | *-0.66* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.77* | |
| | | *For >6,000 To 8,000, Deduct* | *-3.10* | |
| | | *For >8,000, Deduct* | *-4.87* | |

## 02 41 16 13-0051 Brick Foundation Wall Demolition *(02 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0052 | SF | 4" Thick Brick Foundation Wall Demolition | 3.82 | |
| | | *For >500 To 2,000, Deduct* | *-0.29* | |
| | | *For >2,000 To 6,000, Deduct* | *-0.76* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.34* | |
| | | *For >8,000, Deduct* | *-2.10* | |
| 02 41 16 13-0053 | SF | 6" Thick Brick Foundation Wall Demolition | 4.08 | |
| | | *For >500 To 2,000, Deduct* | *-0.31* | |
| | | *For >2,000 To 6,000, Deduct* | *-0.82* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.43* | |
| | | *For >8,000, Deduct* | *-2.24* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 16 13-0054 | SF | 8" Thick Brick Foundation Wall Demolition | 4.60 | |
| | | *For >500 To 2,000, Deduct* | *-0.35* | |
| | | *For >2,000 To 6,000, Deduct* | *-0.92* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.61* | |
| | | *For >8,000, Deduct* | *-2.53* | |
| 02 41 16 13-0055 | SF | 10" Thick Brick Foundation Wall Demolition | 5.29 | |
| | | *For >500 To 2,000, Deduct* | *-0.40* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.06* | |
| | | *For >6,000 To 8,000, Deduct* | *-1.85* | |
| | | *For >8,000, Deduct* | *-2.91* | |
| 02 41 16 13-0056 | SF | 12" Thick Brick Foundation Wall Demolition | 5.89 | |
| | | *For >500 To 2,000, Deduct* | *-0.44* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.18* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.06* | |
| | | *For >8,000, Deduct* | *-3.24* | |
| 02 41 16 13-0057 | SF | 16" Thick Brick Foundation Wall Demolition | 7.37 | |
| | | *For >500 To 2,000, Deduct* | *-0.55* | |
| | | *For >2,000 To 6,000, Deduct* | *-1.47* | |
| | | *For >6,000 To 8,000, Deduct* | *-2.58* | |
| | | *For >8,000, Deduct* | *-4.05* | |

### 02 41 16 13-0058 Stone Foundation Demolition *(02 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0059 | CF | Stone Footing Or Foundation Wall Demolition | 12.14 | |
| | | *For >135 To 405, Deduct* | *-1.06* | |
| | | *For >405 To 810, Deduct* | *-2.12* | |
| | | *For >810 To 2025, Deduct* | *-3.04* | |
| | | *For >2025, Deduct* | *-4.86* | |

### 02 41 16 13-0060 Other Foundation Demolition *(02 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 02 41 16 13-0061 | CF | Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition<br>Note: Includes excavation. | 12.88 | |
| | | *For >135 To 405, Deduct* | *-1.13* | |
| | | *For >405 To 810, Deduct* | *-2.25* | |
| | | *For >810 To 2025, Deduct* | *-3.22* | |
| | | *For >2025, Deduct* | *-5.15* | |

## 02 41 19 Selective Demolition *(02 41)*

### 02 41 19 13 Selective Building Demolition *(02 41 19)*

### 02 41 19 13-0001 Saw Cutting *(02 41 19 13)*

Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0002 | LF | Bituminous Paving Up To 4" Depth, Saw Cut | 1.95 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *0.76* | |
| | | *For >250, Deduct* | *-0.19* | |
| 02 41 19 13-0003 | LF | Brick Masonry Up To 4" Depth, Saw Cut | 7.39 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *2.93* | |
| | | *For >250, Deduct* | *-0.73* | |
| 02 41 19 13-0004 | LF | Concrete Block Up To 4" Depth, Saw Cut | 6.68 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *2.64* | |
| | | *For >250, Deduct* | *-0.66* | |
| 02 41 19 13-0005 | LF | Non Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut | 2.24 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *0.86* | |
| | | *For >250, Deduct* | *-0.21* | |
| 02 41 19 13-0006 | LF | Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut | 2.95 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *1.14* | |
| | | *For >250, Deduct* | *-0.28* | |
| 02 41 19 13-0007 | LF | Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut | 4.90 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *1.92* | |
| | | *For >250, Deduct* | *-0.48* | |
| 02 41 19 13-0008 | LF | Plain Concrete Walls Up To 4" Depth, Saw Cut | 9.46 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *3.75* | |
| | | *For >250, Deduct* | *-0.94* | |
| 02 41 19 13-0009 | LF | Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth | 12.70 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *5.04* | |
| | | *For >250, Deduct* | *-1.26* | |
| 02 41 19 13-0010 | LF | Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets | 2.62 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *0.94* | |
| | | *For >250, Deduct* | *-0.23* | |
| 02 41 19 13-0011 | LF | Igneous Stone Pavements Up To 4" Depth, Saw Cut | 6.70 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *2.65* | |
| | | *For >250, Deduct* | *-0.66* | |
| 02 41 19 13-0012 | LF | Sedimentary Stone Pavements Up To 4" Depth, Saw Cut | 6.70 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *2.65* | |
| | | *For >250, Deduct* | *-0.66* | |
| 02 41 19 13-0013 | LF | Metamorphic Stone Pavements Up To 4" Depth, Saw Cut | 6.70 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *2.65* | |
| | | *For >250, Deduct* | *-0.66* | |
| 02 41 19 13-0014 | LF | Terrazzo Stone Pavements Up To 4" Depth, Saw Cut | 6.70 | |
| | | *For Each Additional Pass (Depth To 3"), Add* | *2.65* | |
| | | *For >250, Deduct* | *-0.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 19 13-0015 | EA | Saw Cut Minimum Charge<br>Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively.<br>This task should not be used in conjunction with any other tasks in this section. | 936.99 | |

## 02 41 19 13-0016 Torch Cutting *(02 41 19 13)*

Note: Includes grinding edge

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0017 | LF | Up To 1/2", Torch Cut Steel Plate | 2.81 | |
| 02 41 19 13-0018 | LF | >1/2" To 1" Thick, Torch Cut Steel Plate | 5.62 | |
| 02 41 19 13-0019 | LF | >1" To 1-1/2" Thick, Torch Cut Steel Plate | 8.44 | |
| 02 41 19 13-0020 | LF | >1-1/2" To 2" Thick, Torch Cut Steel Plate | 11.26 | |
| 02 41 19 13-0021 | LF | >2" To 2-1/2" Thick, Torch Cut Steel Plate | 14.07 | |
| 02 41 19 13-0022 | LF | >2-1/2" To 3" Thick, Torch Cut Steel Plate | 16.88 | |
| 02 41 19 13-0023 | EA | Torch Cutting Minimum Charge<br>Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively.<br>This task should not be used in conjunction with any other tasks in this section. | 912.67 | |

## 02 41 19 13-0024 Drilling In Existing Materials *(02 41 19 13)*

Note: Includes drill bit wear, water, layout, set-up and clean-up.

## 02 41 19 13-0025 Concrete Core Drilling *(02 41 19 13-0024)*

## 02 41 19 13-0026 Up To 4" Thick Concrete Core Drilling *(02 41 19 13-0025)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0027 | EA | Drill 1" Diameter Core In Up To 4" Concrete | 36.04 | |
| | | *For Horizontal Cores, Add* | *7.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *14.33* | |
| 02 41 19 13-0028 | EA | Drill 1-1/2" Diameter Core In Up To 4" Concrete | 40.00 | |
| | | *For Horizontal Cores, Add* | *7.96* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *15.91* | |
| 02 41 19 13-0029 | EA | Drill 2" Diameter Core In Up To 4" Concrete | 44.44 | |
| | | *For Horizontal Cores, Add* | *8.84* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *17.69* | |
| 02 41 19 13-0030 | EA | Drill 3" Diameter Core In Up To 4" Concrete | 63.45 | |
| | | *For Horizontal Cores, Add* | *12.63* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *25.26* | |
| 02 41 19 13-0031 | EA | Drill 4" Diameter Core In Up To 4" Concrete | 85.03 | |
| | | *For Horizontal Cores, Add* | *16.93* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *33.86* | |
| 02 41 19 13-0032 | EA | Drill 6" Diameter Core In Up To 4" Concrete | 95.24 | |
| | | *For Horizontal Cores, Add* | *18.95* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *37.90* | |
| 02 41 19 13-0033 | EA | Drill 8" Diameter Core In Up To 4" Concrete | 152.28 | |
| | | *For Horizontal Cores, Add* | *30.32* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *60.64* | |
| 02 41 19 13-0034 | EA | Drill 10" Diameter Core In Up To 4" Concrete | 190.41 | |
| | | *For Horizontal Cores, Add* | *37.90* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *75.80* | |
| 02 41 19 13-0035 | EA | Drill 12" Diameter Core In Up To 4" Concrete | 222.19 | |
| | | *For Horizontal Cores, Add* | *44.22* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *88.44* | |
| 02 41 19 13-0036 | EA | Drill 14" Diameter Core In Up To 4" Concrete | 253.95 | |
| | | *For Horizontal Cores, Add* | *50.53* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *101.06* | |
| 02 41 19 13-0037 | EA | Drill 18" Diameter Core In Up To 4" Concrete | 285.90 | |
| | | *For Horizontal Cores, Add* | *56.84* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *113.69* | |

## 02 41 19 13-0038 >4" To 6" Thick Concrete Core Drilling *(02 41 19 13-0025)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0039 | EA | Drill 1" Diameter Core In >4" To 6" Concrete | 51.49 | |
| | | *For Horizontal Cores, Add* | *10.23* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *20.46* | |
| 02 41 19 13-0040 | EA | Drill 1-1/2" Diameter Core In >4" To 6" Concrete | 57.16 | |
| | | *For Horizontal Cores, Add* | *11.37* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *22.73* | |
| 02 41 19 13-0041 | EA | Drill 2" Diameter Core In >4" To 6" Concrete | 63.49 | |
| | | *For Horizontal Cores, Add* | *12.63* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *25.26* | |
| 02 41 19 13-0042 | EA | Drill 3" Diameter Core In >4" To 6" Concrete | 76.25 | |
| | | *For Horizontal Cores, Add* | *15.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *30.32* | |
| 02 41 19 13-0043 | EA | Drill 4" Diameter Core In >4" To 6" Concrete | 95.35 | |
| | | *For Horizontal Cores, Add* | *18.95* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *37.90* | |
| 02 41 19 13-0044 | EA | Drill 6" Diameter Core In >4" To 6" Concrete | 127.08 | |
| | | *For Horizontal Cores, Add* | *25.27* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *50.53* | |
| 02 41 19 13-0045 | EA | Drill 8" Diameter Core In >4" To 6" Concrete | 190.51 | |
| | | *For Horizontal Cores, Add* | *37.90* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *75.80* | |
| 02 41 19 13-0046 | EA | Drill 10" Diameter Core In >4" To 6" Concrete | 222.47 | |
| | | *For Horizontal Cores, Add* | *44.22* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *88.44* | |
| 02 41 19 13-0047 | EA | Drill 12" Diameter Core In >4" To 6" Concrete | 254.29 | |
| | | *For Horizontal Cores, Add* | *50.53* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *101.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 19 13-0048 | EA | Drill 14" Diameter Core In >4" To 6" Concrete | 286.22 | |
| | | *For Horizontal Cores, Add* | *56.84* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *113.69* | |
| 02 41 19 13-0049 | EA | Drill 18" Diameter Core In >4" To 6" Concrete | 318.41 | |
| | | *For Horizontal Cores, Add* | *63.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *126.32* | |
| 02 41 19 13-0050 | | >6" To 8" Thick Concrete Core Drilling *(02 41 19 13-0025)* | | |
| 02 41 19 13-0051 | EA | Drill 1" Diameter Core In >6" To 8" Concrete | 56.73 | |
| | | *For Horizontal Cores, Add* | *11.26* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *22.51* | |
| 02 41 19 13-0052 | EA | Drill 1-1/2" Diameter Core In >6" To 8" Concrete | 62.98 | |
| | | *For Horizontal Cores, Add* | *12.51* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *25.01* | |
| 02 41 19 13-0053 | EA | Drill 2" Diameter Core In >6" To 8" Concrete | 69.93 | |
| | | *For Horizontal Cores, Add* | *13.90* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *27.79* | |
| 02 41 19 13-0054 | EA | Drill 3" Diameter Core In >6" To 8" Concrete | 82.73 | |
| | | *For Horizontal Cores, Add* | *16.42* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *32.84* | |
| 02 41 19 13-0055 | EA | Drill 4" Diameter Core In >6" To 8" Concrete | 108.19 | |
| | | *For Horizontal Cores, Add* | *21.48* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *42.95* | |
| 02 41 19 13-0056 | EA | Drill 6" Diameter Core In >6" To 8" Concrete | 152.61 | |
| | | *For Horizontal Cores, Add* | *30.32* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *60.64* | |
| 02 41 19 13-0057 | EA | Drill 8" Diameter Core In >6" To 8" Concrete | 254.01 | |
| | | *For Horizontal Cores, Add* | *50.53* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *101.06* | |
| 02 41 19 13-0058 | EA | Drill 10" Diameter Core In >6" To 8" Concrete | 286.05 | |
| | | *For Horizontal Cores, Add* | *56.84* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *113.69* | |
| 02 41 19 13-0059 | EA | Drill 12" Diameter Core In >6" To 8" Concrete | 318.00 | |
| | | *For Horizontal Cores, Add* | *63.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *126.32* | |
| 02 41 19 13-0060 | EA | Drill 14" Diameter Core In >6" To 8" Concrete | 350.04 | |
| | | *For Horizontal Cores, Add* | *69.47* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *138.94* | |
| 02 41 19 13-0061 | EA | Drill 18" Diameter Core In >6" To 8" Concrete | 382.50 | |
| | | *For Horizontal Cores, Add* | *75.80* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *151.60* | |
| 02 41 19 13-0062 | | >8" To 10" Thick Concrete Core Drilling *(02 41 19 13-0025)* | | |
| 02 41 19 13-0063 | EA | Drill 1" Diameter Core In >8" To 10" Concrete | 67.08 | |
| | | *For Horizontal Cores, Add* | *13.30* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *26.60* | |
| 02 41 19 13-0064 | EA | Drill 1-1/2" Diameter Core In >8" To 10" Concrete | 74.47 | |
| | | *For Horizontal Cores, Add* | *14.78* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *29.56* | |
| 02 41 19 13-0065 | EA | Drill 2" Diameter Core In >8" To 10" Concrete | 82.68 | |
| | | *For Horizontal Cores, Add* | *16.42* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *32.84* | |
| 02 41 19 13-0066 | EA | Drill 3" Diameter Core In >8" To 10" Concrete | 95.53 | |
| | | *For Horizontal Cores, Add* | *18.95* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *37.90* | |
| 02 41 19 13-0067 | EA | Drill 4" Diameter Core In >8" To 10" Concrete | 108.40 | |
| | | *For Horizontal Cores, Add* | *21.48* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *42.95* | |
| 02 41 19 13-0068 | EA | Drill 6" Diameter Core In >8" To 10" Concrete | 152.87 | |
| | | *For Horizontal Cores, Add* | *30.32* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *60.64* | |
| 02 41 19 13-0069 | EA | Drill 8" Diameter Core In >8" To 10" Concrete | 254.35 | |
| | | *For Horizontal Cores, Add* | *50.53* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *101.06* | |
| 02 41 19 13-0070 | EA | Drill 10" Diameter Core In >8" To 10" Concrete | 286.51 | |
| | | *For Horizontal Cores, Add* | *56.84* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *113.69* | |
| 02 41 19 13-0071 | EA | Drill 12" Diameter Core In >8" To 10" Concrete | 318.50 | |
| | | *For Horizontal Cores, Add* | *63.15* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *126.30* | |
| 02 41 19 13-0072 | EA | Drill 14" Diameter Core In >8" To 10" Concrete | 350.73 | |
| | | *For Horizontal Cores, Add* | *69.47* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *138.94* | |
| 02 41 19 13-0073 | EA | Drill 18" Diameter Core In >8" To 10" Concrete | 383.32 | |
| | | *For Horizontal Cores, Add* | *75.78* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *151.56* | |
| 02 41 19 13-0074 | | >10" To 12" Thick Concrete Core Drilling *(02 41 19 13-0025)* | | |
| 02 41 19 13-0075 | EA | Drill 1" Diameter Core In >10" To 12" Concrete | 72.32 | |
| | | *For Horizontal Cores, Add* | *14.33* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *28.65* | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 19 13-0076 | EA | Drill 1-1/2" Diameter Core In >10" To 12" Concrete | 80.28 | |
| | | *For Horizontal Cores, Add* | *15.92* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *31.84* | |
| 02 41 19 13-0077 | EA | Drill 2" Diameter Core In >10" To 12" Concrete | 89.13 | |
| | | *For Horizontal Cores, Add* | *17.69* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *35.38* | |
| 02 41 19 13-0078 | EA | Drill 3" Diameter Core In >10" To 12" Concrete | 95.70 | |
| | | *For Horizontal Cores, Add* | *18.95* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *37.90* | |
| 02 41 19 13-0079 | EA | Drill 4" Diameter Core In >10" To 12" Concrete | 127.56 | |
| | | *For Horizontal Cores, Add* | *25.27* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *50.53* | |
| 02 41 19 13-0080 | EA | Drill 6" Diameter Core In >10" To 12" Concrete | 165.75 | |
| | | *For Horizontal Cores, Add* | *32.85* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *65.70* | |
| 02 41 19 13-0081 | EA | Drill 8" Diameter Core In >10" To 12" Concrete | 267.35 | |
| | | *For Horizontal Cores, Add* | *53.06* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *106.12* | |
| 02 41 19 13-0082 | EA | Drill 10" Diameter Core In >10" To 12" Concrete | 286.96 | |
| | | *For Horizontal Cores, Add* | *56.84* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *113.69* | |
| 02 41 19 13-0083 | EA | Drill 12" Diameter Core In >10" To 12" Concrete | 331.78 | |
| | | *For Horizontal Cores, Add* | *65.70* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *131.40* | |

### 02 41 19 13-0084 >12" Thick Concrete Core Drilling *(02 41 19 13-0025)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0085 | IN | Drill 1" Diameter Core In >12" Concrete | 8.82 | |
| | | *For Horizontal Cores, Add* | *1.75* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *3.50* | |
| 02 41 19 13-0086 | IN | Drill 1-1/2" Diameter Core In >12" Concrete | 9.79 | |
| | | *For Horizontal Cores, Add* | *1.95* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *3.89* | |
| 02 41 19 13-0087 | IN | Drill 2" Diameter Core In >12" Concrete | 10.87 | |
| | | *For Horizontal Cores, Add* | *2.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *4.32* | |
| 02 41 19 13-0088 | IN | Drill 3" Diameter Core In >12" Concrete | 11.92 | |
| | | *For Horizontal Cores, Add* | *2.37* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *4.74* | |
| 02 41 19 13-0089 | IN | Drill 4" Diameter Core In >12" Concrete | 15.89 | |
| | | *For Horizontal Cores, Add* | *3.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *6.32* | |
| 02 41 19 13-0090 | IN | Drill 6" Diameter Core In >12" Concrete | 20.68 | |
| | | *For Horizontal Cores, Add* | *4.11* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *8.22* | |
| 02 41 19 13-0091 | IN | Drill 8" Diameter Core In >12" Concrete | 33.36 | |
| | | *For Horizontal Cores, Add* | *6.64* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *13.28* | |
| 02 41 19 13-0092 | IN | Drill 10" Diameter Core In >12" Concrete | 35.90 | |
| | | *For Horizontal Cores, Add* | *7.13* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *14.27* | |
| 02 41 19 13-0093 | IN | Drill 12" Diameter Core In >12" Concrete | 41.35 | |
| | | *For Horizontal Cores, Add* | *8.22* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *16.43* | |

### 02 41 19 13-0094 Brick/Concrete Block Core Drilling *(02 41 19 13-0024)*

### 02 41 19 13-0095 Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0096 | EA | Drill 1" Diameter Core In Up To 4" Brick/Concrete Block | 28.88 | |
| | | *For Horizontal Cores, Add* | *5.73* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *11.46* | |
| 02 41 19 13-0097 | EA | Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block | 32.05 | |
| | | *For Horizontal Cores, Add* | *6.37* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *12.73* | |
| 02 41 19 13-0098 | EA | Drill 2" Diameter Core In Up To 4" Brick/Concrete Block | 35.59 | |
| | | *For Horizontal Cores, Add* | *7.07* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *14.15* | |
| 02 41 19 13-0099 | EA | Drill 3" Diameter Core In Up To 4" Brick/Concrete Block | 50.82 | |
| | | *For Horizontal Cores, Add* | *10.11* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *20.21* | |
| 02 41 19 13-0100 | EA | Drill 4" Diameter Core In Up To 4" Brick/Concrete Block | 68.10 | |
| | | *For Horizontal Cores, Add* | *13.54* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *27.08* | |
| 02 41 19 13-0101 | EA | Drill 6" Diameter Core In Up To 4" Brick/Concrete Block | 76.29 | |
| | | *For Horizontal Cores, Add* | *15.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *30.32* | |
| 02 41 19 13-0102 | EA | Drill 8" Diameter Core In Up To 4" Brick/Concrete Block | 121.95 | |
| | | *For Horizontal Cores, Add* | *24.26* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *48.51* | |
| 02 41 19 13-0103 | EA | Drill 10" Diameter Core In Up To 4" Brick/Concrete Block | 152.52 | |
| | | *For Horizontal Cores, Add* | *30.32* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *60.64* | |
| 02 41 19 13-0104 | EA | Drill 12" Diameter Core In Up To 4" Brick/Concrete Block | 177.98 | |
| | | *For Horizontal Cores, Add* | *35.38* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *70.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 19 13-0105 | EA | Drill 14" Diameter Core In Up To 4" Brick/Concrete Block | 203.43 | |
| | | *For Horizontal Cores, Add* | *40.42* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *80.85* | |
| 02 41 19 13-0106 | EA | Drill 18" Diameter Core In Up To 4" Brick/Concrete Block | 229.05 | |
| | | *For Horizontal Cores, Add* | *45.47* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *90.95* | |

### 02 41 19 13-0107 >4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0108 | EA | Drill 1" Diameter Core In > 4" To 6" Brick/Concrete Block | 41.26 | |
| | | *For Horizontal Cores, Add* | *8.19* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *16.37* | |
| 02 41 19 13-0109 | EA | Drill 1-1/2" Diameter Core In > 4" To 6" Brick/Concrete Block | 45.80 | |
| | | *For Horizontal Cores, Add* | *9.09* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *18.19* | |
| 02 41 19 13-0110 | EA | Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block | 50.85 | |
| | | *For Horizontal Cores, Add* | *10.10* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *20.21* | |
| 02 41 19 13-0111 | EA | Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block | 61.09 | |
| | | *For Horizontal Cores, Add* | *12.13* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *24.26* | |
| 02 41 19 13-0112 | EA | Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block | 76.40 | |
| | | *For Horizontal Cores, Add* | *15.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *30.32* | |
| 02 41 19 13-0113 | EA | Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block | 101.81 | |
| | | *For Horizontal Cores, Add* | *20.21* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *40.42* | |
| 02 41 19 13-0114 | EA | Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block | 152.62 | |
| | | *For Horizontal Cores, Add* | *30.32* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *60.64* | |
| 02 41 19 13-0115 | EA | Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block | 178.26 | |
| | | *For Horizontal Cores, Add* | *35.38* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *70.75* | |
| 02 41 19 13-0116 | EA | Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block | 203.77 | |
| | | *For Horizontal Cores, Add* | *40.42* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *80.85* | |
| 02 41 19 13-0117 | EA | Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block | 229.37 | |
| | | *For Horizontal Cores, Add* | *45.47* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *90.95* | |
| 02 41 19 13-0118 | EA | Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block | 255.25 | |
| | | *For Horizontal Cores, Add* | *50.53* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *101.06* | |

### 02 41 19 13-0119 >6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0120 | EA | Drill 1" Diameter Core In > 6" To 8" Brick/Concrete Block | 45.47 | |
| | | *For Horizontal Cores, Add* | *9.00* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *18.01* | |
| 02 41 19 13-0121 | EA | Drill 1-1/2" Diameter Core In > 6" To 8" Brick/Concrete Block | 50.47 | |
| | | *For Horizontal Cores, Add* | *10.00* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *20.01* | |
| 02 41 19 13-0122 | EA | Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block | 56.03 | |
| | | *For Horizontal Cores, Add* | *11.12* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *22.23* | |
| 02 41 19 13-0123 | EA | Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block | 66.32 | |
| | | *For Horizontal Cores, Add* | *13.14* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *26.28* | |
| 02 41 19 13-0124 | EA | Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block | 86.71 | |
| | | *For Horizontal Cores, Add* | *17.18* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *34.36* | |
| 02 41 19 13-0125 | EA | Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block | 122.28 | |
| | | *For Horizontal Cores, Add* | *24.26* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *48.51* | |
| 02 41 19 13-0126 | EA | Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block | 203.49 | |
| | | *For Horizontal Cores, Add* | *40.42* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *80.85* | |
| 02 41 19 13-0127 | EA | Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block | 229.20 | |
| | | *For Horizontal Cores, Add* | *45.47* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *90.95* | |
| 02 41 19 13-0128 | EA | Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block | 254.84 | |
| | | *For Horizontal Cores, Add* | *50.53* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *101.06* | |
| 02 41 19 13-0129 | EA | Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block | 280.57 | |
| | | *For Horizontal Cores, Add* | *55.57* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *111.15* | |
| 02 41 19 13-0130 | EA | Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block | 306.70 | |
| | | *For Horizontal Cores, Add* | *60.64* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *121.28* | |

### 02 41 19 13-0131 >8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0132 | EA | Drill 1" Diameter Core In > 8" To 10" Brick/Concrete Block | 53.78 | |
| | | *For Horizontal Cores, Add* | *10.64* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *21.28* | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 19 13-0133 | EA | Drill 1-1/2" Diameter Core In > 8" To 10" Brick/Concrete Block | 59.69 | |
| | | *For Horizontal Cores, Add* | *11.82* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *23.65* | |
| 02 41 19 13-0134 | EA | Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block | 66.26 | |
| | | *For Horizontal Cores, Add* | *13.14* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *26.28* | |
| 02 41 19 13-0135 | EA | Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block | 76.58 | |
| | | *For Horizontal Cores, Add* | *15.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *30.32* | |
| 02 41 19 13-0136 | EA | Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block | 86.92 | |
| | | *For Horizontal Cores, Add* | *17.18* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *34.36* | |
| 02 41 19 13-0137 | EA | Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block | 122.54 | |
| | | *For Horizontal Cores, Add* | *24.26* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *48.51* | |
| 02 41 19 13-0138 | EA | Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block | 203.83 | |
| | | *For Horizontal Cores, Add* | *40.42* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *80.85* | |
| 02 41 19 13-0139 | EA | Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block | 229.66 | |
| | | *For Horizontal Cores, Add* | *45.47* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *90.95* | |
| 02 41 19 13-0140 | EA | Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block | 255.34 | |
| | | *For Horizontal Cores, Add* | *50.52* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *101.04* | |
| 02 41 19 13-0141 | EA | Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block | 281.26 | |
| | | *For Horizontal Cores, Add* | *55.57* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *111.15* | |
| 02 41 19 13-0142 | EA | Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block | 307.54 | |
| | | *For Horizontal Cores, Add* | *60.62* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *121.25* | |

### 02 41 19 13-0143 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0144 | EA | Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block | 58.00 | |
| | | *For Horizontal Cores, Add* | *11.46* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *22.92* | |
| 02 41 19 13-0145 | EA | Drill 1-1/2" Diameter Core In > 10" To 12" Brick/Concrete Block | 64.36 | |
| | | *For Horizontal Cores, Add* | *12.73* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *25.47* | |
| 02 41 19 13-0146 | EA | Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block | 71.44 | |
| | | *For Horizontal Cores, Add* | *14.15* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *28.30* | |
| 02 41 19 13-0147 | EA | Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block | 76.75 | |
| | | *For Horizontal Cores, Add* | *15.16* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *30.32* | |
| 02 41 19 13-0148 | EA | Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block | 102.29 | |
| | | *For Horizontal Cores, Add* | *20.21* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *40.42* | |
| 02 41 19 13-0149 | EA | Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block | 132.90 | |
| | | *For Horizontal Cores, Add* | *26.28* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *52.56* | |
| 02 41 19 13-0150 | EA | Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block | 214.29 | |
| | | *For Horizontal Cores, Add* | *42.45* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *84.89* | |
| 02 41 19 13-0151 | EA | Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block | 230.11 | |
| | | *For Horizontal Cores, Add* | *45.47* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *90.95* | |
| 02 41 19 13-0152 | EA | Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block | 266.08 | |
| | | *For Horizontal Cores, Add* | *52.56* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *105.12* | |

### 02 41 19 13-0153 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0154 | IN | Drill 1" Diameter Core In >12" Brick/Concrete Block | 7.06 | |
| | | *For Horizontal Cores, Add* | *1.40* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *2.80* | |
| 02 41 19 13-0155 | IN | Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block | 7.84 | |
| | | *For Horizontal Cores, Add* | *1.56* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *3.11* | |
| 02 41 19 13-0156 | IN | Drill 2" Diameter Core In >12" Brick/Concrete Block | 8.71 | |
| | | *For Horizontal Cores, Add* | *1.73* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *3.46* | |
| 02 41 19 13-0157 | IN | Drill 3" Diameter Core In >12" Brick/Concrete Block | 9.56 | |
| | | *For Horizontal Cores, Add* | *1.90* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *3.79* | |
| 02 41 19 13-0158 | IN | Drill 4" Diameter Core In >12" Brick/Concrete Block | 12.73 | |
| | | *For Horizontal Cores, Add* | *2.53* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *5.05* | |
| 02 41 19 13-0159 | IN | Drill 6" Diameter Core In >12" Brick/Concrete Block | 16.56 | |
| | | *For Horizontal Cores, Add* | *3.29* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *6.57* | |
| 02 41 19 13-0160 | IN | Drill 8" Diameter Core In >12" Brick/Concrete Block | 26.72 | |
| | | *For Horizontal Cores, Add* | *5.31* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *10.62* | |
| 02 41 19 13-0161 | IN | Drill 10" Diameter Core In >12" Brick/Concrete Block | 28.77 | |
| | | *For Horizontal Cores, Add* | *5.71* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *11.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 19 13-0162 | IN | Drill 12" Diameter Core In >12" Brick/Concrete Block | 33.14 | |
| | | *For Horizontal Cores, Add* | *6.57* | |
| | | *For Overhead Ceiling Cores (Where Not Accessible From Above), Add* | *13.15* | |

## 02 41 19 13-0163 Asphalt Core Drilling *(02 41 19 13-0024)*

## 02 41 19 13-0164 Up To 2" Thick Asphalt Core Drilling *(02 41 19 13-0163)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0165 | EA | Drill 2" Diameter Core In Up To 2" Asphalt | 27.10 | |
| 02 41 19 13-0166 | EA | Drill 3" Diameter Core In Up To 2" Asphalt | 33.61 | |
| 02 41 19 13-0167 | EA | Drill 4" Diameter Core In Up To 2" Asphalt | 42.29 | |
| 02 41 19 13-0168 | EA | Drill 6" Diameter Core In Up To 2" Asphalt | 53.13 | |
| 02 41 19 13-0169 | EA | Drill 8" Diameter Core In Up To 2" Asphalt | 66.15 | |
| 02 41 19 13-0170 | EA | Drill 10" Diameter Core In Up To 2" Asphalt | 82.40 | |
| 02 41 19 13-0171 | EA | Drill 12" Diameter Core In Up To 2" Asphalt | 102.99 | |

## 02 41 19 13-0172 >2" To 3" Thick Asphalt Core Drilling *(02 41 19 13-0163)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0173 | EA | Drill 2" Diameter Core In >2" To 3" Asphalt | 34.68 | |
| 02 41 19 13-0174 | EA | Drill 3" Diameter Core In >2" To 3" Asphalt | 43.35 | |
| 02 41 19 13-0175 | EA | Drill 4" Diameter Core In >2" To 3" Asphalt | 54.19 | |
| 02 41 19 13-0176 | EA | Drill 6" Diameter Core In >2" To 3" Asphalt | 68.28 | |
| 02 41 19 13-0177 | EA | Drill 8" Diameter Core In >2" To 3" Asphalt | 84.57 | |
| 02 41 19 13-0178 | EA | Drill 10" Diameter Core In >2" To 3" Asphalt | 106.22 | |
| 02 41 19 13-0179 | EA | Drill 12" Diameter Core In >2" To 3" Asphalt | 132.23 | |

## 02 41 19 13-0180 >3" To 4" Thick Asphalt Core Drilling *(02 41 19 13-0163)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0181 | EA | Drill 2" Diameter Core In >3" To 4" Asphalt | 44.43 | |
| 02 41 19 13-0182 | EA | Drill 3" Diameter Core In >3" To 4" Asphalt | 55.29 | |
| 02 41 19 13-0183 | EA | Drill 4" Diameter Core In >3" To 4" Asphalt | 69.39 | |
| 02 41 19 13-0184 | EA | Drill 6" Diameter Core In >3" To 4" Asphalt | 86.74 | |
| 02 41 19 13-0185 | EA | Drill 8" Diameter Core In >3" To 4" Asphalt | 108.46 | |
| 02 41 19 13-0186 | EA | Drill 10" Diameter Core In >3" To 4" Asphalt | 135.53 | |
| 02 41 19 13-0187 | EA | Drill 12 Diameter Core In >3" To 4" Asphalt | 169.13 | |

## 02 41 19 13-0188 >4" To 6" Thick Asphalt Core Drilling *(02 41 19 13-0163)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0189 | EA | Drill 2" Diameter Core In >4" To 6" Asphalt | 56.38 | |
| 02 41 19 13-0190 | EA | Drill 3" Diameter Core In >4" To 6" Asphalt | 71.59 | |
| 02 41 19 13-0191 | EA | Drill 4" Diameter Core In >4" To 6" Asphalt | 88.95 | |
| 02 41 19 13-0192 | EA | Drill 6" Diameter Core In >4" To 6" Asphalt | 110.64 | |
| 02 41 19 13-0193 | EA | Drill 8" Diameter Core In >4" To 6" Asphalt | 138.89 | |
| 02 41 19 13-0194 | EA | Drill 10" Diameter Core In >4" To 6" Asphalt | 173.58 | |
| 02 41 19 13-0195 | EA | Drill 12" Diameter Core In >4" To 6" Asphalt | 216.93 | |

## 02 41 19 13-0196 Manhole Core Drilling *(02 41 19 13-0024)*

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0197 | EA | Drill 4" Diameter Core In 6" Brick Manhole | 189.90 | |
| 02 41 19 13-0198 | EA | Drill 5" Diameter Core In 6" Brick Manhole | 217.04 | |
| 02 41 19 13-0199 | EA | Drill 6" Diameter Core In 6" Brick Manhole | 253.14 | |
| 02 41 19 13-0200 | EA | Drill 8" Diameter Core In 6" Brick Manhole | 379.67 | |
| 02 41 19 13-0201 | EA | Drill 2" Diameter Core In 8" Concrete Manhole | 254.52 | |
| 02 41 19 13-0202 | EA | Drill 3" Diameter Core In 8" Concrete Manhole | 270.91 | |
| 02 41 19 13-0203 | EA | Drill 4" Diameter Core In 8" Concrete Manhole | 298.12 | |
| 02 41 19 13-0204 | EA | Drill 5" Diameter Core In 8" Concrete Manhole | 319.84 | |
| 02 41 19 13-0205 | EA | Drill 6" Diameter Core In 8" Concrete Manhole | 379.40 | |
| 02 41 19 13-0206 | EA | Drill 8" Diameter Core In 8" Concrete Manhole | 541.94 | |
| 02 41 19 13-0207 | EA | Drill 2" Diameter Core In Fiberglass Manhole | 25.28 | |
| 02 41 19 13-0208 | EA | Drill 3" Diameter Core In Fiberglass Manhole | 29.18 | |
| 02 41 19 13-0209 | EA | Drill 4" Diameter Core In Fiberglass Manhole | 31.60 | |
| 02 41 19 13-0210 | EA | Drill 5" Diameter Core In Fiberglass Manhole | 34.47 | |
| 02 41 19 13-0211 | EA | Drill 6" Diameter Core In Fiberglass Manhole | 37.92 | |
| 02 41 19 13-0212 | EA | Drill 8" Diameter Core In Fiberglass Manhole | 42.14 | |

## 02 41 19 13-0213 Drilling In Concrete Per Inch Of Depth *(02 41 19 13-0024)*

Note: Includes layout.

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0214 | IN | 1/4" Diameter Drilling In Concrete Per Inch Of Depth | 1.80 | |
| 02 41 19 13-0215 | IN | 3/8" Diameter Drilling In Concrete Per Inch Of Depth | 1.89 | |
| 02 41 19 13-0216 | IN | 1/2" Diameter Drilling In Concrete Per Inch Of Depth | 2.03 | |
| 02 41 19 13-0217 | IN | 5/8" Diameter Drilling In Concrete Per Inch Of Depth | 2.16 | |
| 02 41 19 13-0218 | IN | 3/4" Diameter Drilling In Concrete Per Inch Of Depth | 2.38 | |
| 02 41 19 13-0219 | IN | 7/8" Diameter Drilling In Concrete Per Inch Of Depth | 2.58 | |
| 02 41 19 13-0220 | IN | 1" Diameter Drilling In Concrete Per Inch Of Depth | 2.71 | |
| 02 41 19 13-0221 | IN | 1-1/4" Diameter Drilling In Concrete Per Inch Of Depth | 2.99 | |
| 02 41 19 13-0222 | IN | 1-1/2" Diameter Drilling In Concrete Per Inch Of Depth | 3.38 | |

## 02 41 19 13-0223 Drilling In Brick/Concrete Block Per Inch Of Depth *(02 41 19 13-0024)*

Note: Includes layout.

| | | | | |
|---|---|---|---|---|
| 02 41 19 13-0224 | IN | 1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 1.50 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 19 13-0225 | IN | 3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 1.58 | |
| 02 41 19 13-0226 | IN | 1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 1.69 | |
| 02 41 19 13-0227 | IN | 5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 1.80 | |
| 02 41 19 13-0228 | IN | 3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 1.98 | |
| 02 41 19 13-0229 | IN | 7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 2.15 | |
| 02 41 19 13-0230 | IN | 1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 2.26 | |
| 02 41 19 13-0231 | IN | 1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 2.49 | |
| 02 41 19 13-0232 | IN | 1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth | 3.13 | |
| 02 41 19 13-0233 | | Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0024)* | | |
| | | Note: Includes layout. | | |
| 02 41 19 13-0234 | IN | 1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 0.75 | |
| 02 41 19 13-0235 | IN | 3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 0.79 | |
| 02 41 19 13-0236 | IN | 1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 0.84 | |
| 02 41 19 13-0237 | IN | 5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 0.90 | |
| 02 41 19 13-0238 | IN | 3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 0.99 | |
| 02 41 19 13-0239 | IN | 7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 1.07 | |
| 02 41 19 13-0240 | IN | 1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 1.12 | |
| 02 41 19 13-0241 | IN | 1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 1.24 | |
| 02 41 19 13-0242 | IN | 1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth | 1.47 | |
| 02 41 19 13-0243 | | Limestone Core Drilling *(02 41 19 13-0024)* | | |
| 02 41 19 13-0244 | | 10" To 14" Thick Limestone Core Drilling *(02 41 19 13-0243)* | | |
| 02 41 19 13-0245 | EA | Drill 1" Diameter Core In 10" To 14" Limestone | 54.33 | |
| 02 41 19 13-0246 | EA | Drill 1-1/2" Diameter Core In 10" To 14" Limestone | 65.24 | |
| 02 41 19 13-0247 | EA | Drill 2" Diameter Core In 10" To 14" Limestone | 70.71 | |
| 02 41 19 13-0248 | EA | Drill 3" Diameter Core In 10" To 14" Limestone | 81.71 | |
| 02 41 19 13-0249 | EA | Drill 4" Diameter Core In 10" To 14" Limestone | 92.70 | |
| 02 41 19 13-0250 | EA | Drill 6" Diameter Core In 10" To 14" Limestone | 130.75 | |
| 02 41 19 13-0251 | EA | Drill 8" Diameter Core In 10" To 14" Limestone | 217.59 | |
| 02 41 19 13-0252 | | 15" To 18" Thick Limestone Core Drilling *(02 41 19 13-0243)* | | |
| 02 41 19 13-0253 | EA | Drill 1" Diameter Core In 15" To 18" Limestone | 59.81 | |
| 02 41 19 13-0254 | EA | Drill 1-1/2" Diameter Core In 15" To 18" Limestone | 70.71 | |
| 02 41 19 13-0255 | EA | Drill 2" Diameter Core In 15" To 18" Limestone | 76.22 | |
| 02 41 19 13-0256 | EA | Drill 3" Diameter Core In 15" To 18" Limestone | 81.85 | |
| 02 41 19 13-0257 | EA | Drill 4" Diameter Core In 15" To 18" Limestone | 109.10 | |
| 02 41 19 13-0258 | EA | Drill 6" Diameter Core In 15" To 18" Limestone | 141.74 | |
| 02 41 19 13-0259 | EA | Drill 8" Diameter Core In 15" To 18" Limestone | 228.78 | |
| 02 41 19 13-0260 | | 19" To 24" Thick Limestone Core Drilling *(02 41 19 13-0243)* | | |
| 02 41 19 13-0261 | EA | Drill 1" Diameter Core In 19" To 24" Limestone | 65.26 | |
| 02 41 19 13-0262 | EA | Drill 1-1/2" Diameter Core In 19" To 24" Limestone | 76.18 | |
| 02 41 19 13-0263 | EA | Drill 2" Diameter Core In 19" To 24" Limestone | 81.72 | |
| 02 41 19 13-0264 | EA | Drill 3" Diameter Core In 19" To 24" Limestone | 92.75 | |
| 02 41 19 13-0265 | EA | Drill 4" Diameter Core In 19" To 24" Limestone | 130.87 | |
| 02 41 19 13-0266 | EA | Drill 6" Diameter Core In 19" To 24" Limestone | 163.56 | |
| 02 41 19 13-0267 | EA | Drill 8" Diameter Core In 19" To 24" Limestone | 245.39 | |
| 02 41 19 13-0268 | | Minimum Charge For Core Drilling *(02 41 19 13-0024)* | | |
| 02 41 19 13-0269 | EA | Core Drill Minimum Charge<br>Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth". | 752.93 | |
| 02 41 19 13-0270 | | Cutouts *(02 41 19 13)*<br>Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF. | | |
| 02 41 19 13-0271 | | Reinforced Concrete Slab On Grade Cutouts *(02 41 19 13-0270)* | | |
| 02 41 19 13-0272 | SF | 4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF | 40.04 | |
| 02 41 19 13-0273 | SF | 6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF | 42.47 | |
| 02 41 19 13-0274 | SF | 8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF | 44.89 | |
| 02 41 19 13-0275 | SF | 10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF | 47.32 | |
| 02 41 19 13-0276 | SF | 12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF | 48.54 | |
| 02 41 19 13-0277 | | Reinforced Concrete Elevated Slab Cutouts *(02 41 19 13-0270)*<br>Note: Includes cutting and removing steel decking. | | |
| 02 41 19 13-0278 | SF | 4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF | 48.80 | |
| 02 41 19 13-0279 | SF | 6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF | 51.76 | |
| 02 41 19 13-0280 | SF | 8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF | 54.71 | |
| 02 41 19 13-0281 | SF | 10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF | 57.67 | |
| 02 41 19 13-0282 | SF | 12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF | 59.16 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **02 41 19 13-0283** | | **Reinforced Concrete Wall Cutouts** *(02 41 19 13-0270)* | | |
| 02 41 19 13-0284 | SF | 4" Thick Reinforced Concrete Wall Cutouts, <24 SF | 50.05 | |
| 02 41 19 13-0285 | SF | 6" Thick Reinforced Concrete Wall Cutouts, <24 SF | 53.09 | |
| 02 41 19 13-0286 | SF | 8" Thick Reinforced Concrete Wall Cutouts, <24 SF | 56.12 | |
| 02 41 19 13-0287 | SF | 10" Thick Reinforced Concrete Wall Cutouts, <24 SF | 59.16 | |
| 02 41 19 13-0288 | SF | 12" Thick Reinforced Concrete Wall Cutouts, <24 SF | 60.67 | |
| **02 41 19 13-0289** | | **Brick Wall Cutouts** *(02 41 19 13-0270)*<br>Note: Excludes toothing. | | |
| 02 41 19 13-0290 | SF | 4" Thick Brick Wall Cutouts, <24 SF | 15.17 | |
| 02 41 19 13-0291 | SF | 6" Thick Brick Wall Cutouts, <24 SF | 25.03 | |
| 02 41 19 13-0292 | SF | 8" Thick Brick Wall Cutouts, <24 SF | 34.85 | |
| 02 41 19 13-0293 | SF | 10" Thick Brick Wall Cutouts, <24 SF | 42.47 | |
| 02 41 19 13-0294 | SF | 12" Thick Brick Wall Cutouts, <24 SF | 50.81 | |
| 02 41 19 13-0295 | SF | 16" Thick Brick Wall Cutouts, <24 SF | 59.91 | |
| **02 41 19 13-0296** | | **Concrete Block Wall Cutouts** *(02 41 19 13-0270)*<br>Note: Excludes toothing. | | |
| 02 41 19 13-0297 | SF | 4" Thick Concrete Block Wall Cutouts, <24 SF | 25.09 | |
| 02 41 19 13-0298 | SF | 6" Thick Concrete Block Wall Cutouts, <24 SF | 26.57 | |
| 02 41 19 13-0299 | SF | 8" Thick Concrete Block Wall Cutouts, <24 SF | 28.06 | |
| 02 41 19 13-0300 | SF | 10" Thick Concrete Block Wall Cutouts, <24 SF | 29.58 | |
| 02 41 19 13-0301 | SF | 12" Thick Concrete Block Wall Cutouts, <24 SF | 30.33 | |
| 02 41 19 13-0302 | SF | 16" Thick Concrete Block Wall Cutouts, <24 SF | 31.85 | |
| **02 41 19 13-0303** | | **Limestone Cutouts** *(02 41 19 13-0270)* | | |
| 02 41 19 13-0304 | SF | 2" Thick Limestone Cutouts, <24 SF | 42.47 | |
| 02 41 19 13-0305 | SF | 4" Thick Limestone Cutouts, <24 SF | 51.57 | |
| 02 41 19 13-0306 | SF | 6" Thick Limestone Cutouts, <24 SF | 54.60 | |
| 02 41 19 13-0307 | SF | 8" Thick Limestone Cutouts, <24 SF | 57.64 | |
| 02 41 19 13-0308 | SF | 10" Thick Limestone Cutouts, <24 SF | 60.67 | |
| 02 41 19 13-0309 | SF | 12" Thick Limestone Cutouts, <24 SF | 63.70 | |
| **02 41 19 13-0310** | | **Toothing Masonry Cutouts** *(02 41 19 13-0270)*<br>Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting. | | |
| 02 41 19 13-0311 | VLF | Brick, Soft Old Mortar, Toothing Masonry Cutouts | 15.17 | |
| 02 41 19 13-0312 | VLF | Brick, Hard Mortar, Toothing Masonry Cutouts | 20.48 | |
| 02 41 19 13-0313 | VLF | Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts | 9.10 | |
| 02 41 19 13-0314 | VLF | Concrete Block, Hard Mortar, Toothing Masonry Cutouts | 12.14 | |
| **02 41 19 13-0315** | | **Minimum Charge For Cutouts** *(02 41 19 13-0270)*<br>Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | | |
| 02 41 19 13-0316 | EA | Cutouts Minimum Charge | 303.34 | |
| **02 41 19 13-0317** | | **Exterior Masonry Removal** *(02 41 19 13)* | | |
| **02 41 19 13-0318** | | **Masonry Columns Removal (Interior And Exterior)** *(02 41 19 13-0317)* | | |
| 02 41 19 13-0319 | VLF | 8" x 8" Masonry Column Removal | 11.83 | |
| 02 41 19 13-0320 | VLF | 10" x 10" Masonry Column Removal | 18.47 | |
| 02 41 19 13-0321 | VLF | 12" x 12" Masonry Column Removal | 23.66 | |
| 02 41 19 13-0322 | VLF | 14" x 14" Masonry Column Removal | 29.62 | |
| 02 41 19 13-0323 | VLF | 16" x 16" Masonry Column Removal | 36.38 | |
| 02 41 19 13-0324 | CF | Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square | 20.43 | |
| **02 41 19 13-0325** | | **Masonry Chimney Removal** *(02 41 19 13-0317)* | | |
| 02 41 19 13-0326 | CF | Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed | 23.97 | |
| 02 41 19 13-0327 | CF | >3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed | 18.00 | |
| 02 41 19 13-0328 | CF | >10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed | 13.77 | |
| 02 41 19 13-0329 | CF | >20 CF/VLF Chimney Removal, Per CF Of Masonry Removed | 9.53 | |
| **02 41 19 13-0330** | | **Remove And Reset Precast, Stone Or Masonry Coping** *(02 41 19 13-0317)*<br>Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting. | | |
| 02 41 19 13-0331 | LF | Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping | 16.61 | |
| 02 41 19 13-0332 | LF | >8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping | 24.65 | |
| 02 41 19 13-0333 | LF | >12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping | 46.75 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **02 41 19 13-0334** | | **Facade Removal** *(02 41 19 13-0317)*<br>Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting. | | |
| 02 41 19 13-0335 | SF | Stone Or Brick Veneer Facade Removal | 4.50 | |
| | | *For Cleaning and Storage For Reuse, Add* | *6.75* | |
| **02 41 19 13-0336** | | **Exterior Masonry Removal** *(02 41 19 13-0317)*<br>Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting. | | |
| 02 41 19 13-0337 | SF | Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall | 3.96 | |
| 02 41 19 13-0338 | SF | Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall | 4.47 | |
| 02 41 19 13-0339 | SF | Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall | 5.40 | |
| 02 41 19 13-0340 | SF | Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall | 5.91 | |
| 02 41 19 13-0341 | SF | Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall | 6.48 | |
| 02 41 19 13-0342 | SF | Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall | 8.10 | |
| 02 41 19 13-0343 | SF | Demolish 4" Thick Reinforced Concrete Block Exterior Wall | 4.68 | |
| 02 41 19 13-0344 | SF | Demolish 6" Thick Reinforced Concrete Block Exterior Wall | 5.36 | |
| 02 41 19 13-0345 | SF | Demolish 8" Thick Reinforced Concrete Block Exterior Wall | 6.48 | |
| 02 41 19 13-0346 | SF | Demolish 10" Thick Reinforced Concrete Block Exterior Wall | 7.08 | |
| 02 41 19 13-0347 | SF | Demolish 12" Thick Reinforced Concrete Block Exterior Wall | 7.78 | |
| 02 41 19 13-0348 | SF | Demolish 16" Thick Reinforced Concrete Block Exterior Wall | 9.72 | |
| 02 41 19 13-0349 | SF | Demolish 4" Thick Brick Exterior Wall | 3.96 | |
| | | *For Cleaning and Storage For Reuse, Add* | *5.94* | |
| 02 41 19 13-0350 | SF | Demolish 6" Thick Brick Exterior Wall | 4.47 | |
| | | *For Cleaning and Storage For Reuse, Add* | *6.71* | |
| 02 41 19 13-0351 | SF | Demolish 8" Thick Brick Exterior Wall | 5.40 | |
| | | *For Cleaning and Storage For Reuse, Add* | *8.10* | |
| 02 41 19 13-0352 | SF | Demolish 10" Thick Brick Exterior Wall | 5.91 | |
| | | *For Cleaning and Storage For Reuse, Add* | *8.87* | |
| 02 41 19 13-0353 | SF | Demolish 12" Thick Brick Exterior Wall | 6.48 | |
| | | *For Cleaning and Storage For Reuse, Add* | *9.72* | |
| 02 41 19 13-0354 | SF | Demolish 16" Thick Brick Exterior Wall | 8.10 | |
| | | *For Cleaning and Storage For Reuse, Add* | *12.15* | |
| 02 41 19 13-0355 | CF | Exterior Brick, Concrete Block Or Composite Removal | 11.52 | |
| | | *For Cleaning and Storage For Reuse, Add* | *17.28* | |
| **02 41 19 13-0356** | | **Lintel Removal** *(02 41 19 13-0317)*<br>Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting. | | |
| 02 41 19 13-0357 | LF | Demolish Steel Lintel | 13.40 | |
| 02 41 19 13-0358 | LF | Demolish Concrete Or Stone Lintel | 17.87 | |
| 02 41 19 13-0359 | LF | Demolish Steel Shelf Angle | 14.15 | |
| **02 41 19 13-0360** | | **Reinstall Lintel** *(02 41 19 13-0317)*<br>Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting. | | |
| 02 41 19 13-0361 | LF | Clean, Prime And Paint Steel Shelf Angle Or Lintel | 7.27 | |
| 02 41 19 13-0362 | LF | Reinstall Existing Concrete Or Stone Lintel | 17.87 | |
| 02 41 19 13-0363 | LF | Reinstall Existing Steel Shelf Angle<br>Note: Includes fasteners. | 37.37 | |
| 02 41 19 13-0364 | LF | Reinstall Existing Steel Lintel | 14.89 | |
| 02 41 19 13-0365 | LF | Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls | 70.66 | |
| 02 41 19 13-0366 | LF | Removal And Replacement Of Steel Lintel Over Window Openings | 118.98 | |
| **02 41 19 13-0367** | | **Elevated Concrete Removal** *(02 41 19 13)* | | |
| 02 41 19 13-0368 | CF | Elevated Concrete Beam/Slab/Steps Removal, Reinforced | 10.17 | |
| **02 41 19 16** | | **Selective Interior Demolition** *(02 41 19)*<br>Note: Includes break-up of material, loading into truck or dumpster and clean-up. | | |
| **02 41 19 16-0001** | | **Floor Removal** *(02 41 19 16)* | | |
| **02 41 19 16-0002** | | **Scarify Concrete** *(02 41 19 16-0001)*<br>Note: Up to 1/4" removal per pass. | | |
| 02 41 19 16-0003 | SF | Scarify Concrete Floor | 0.23 | |
| 02 41 19 16-0004 | SF | Scarify Concrete Tread And Riser | 1.92 | |
| 02 41 19 16-0005 | SF | Scarify Concrete Wall | 1.75 | |
| **02 41 19 16-0006** | | **Fireproofing Removal** *(02 41 19 16)* | | |
| 02 41 19 16-0007 | SF | Removal Of Fireproofing From Concrete Or Steel | 0.98 | |
| **02 41 19 16-0008** | | **Demolish Ceiling** *(02 41 19 16)* | | |
| 02 41 19 16-0009 | SF | Demolish Drywall Ceiling | 0.75 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 41 19 16-0010 | SF | Demolish Furred Plastered Ceiling | 1.76 | |
| 02 41 19 16-0011 | SF | Demolish Suspended Plastered Ceiling And Suspension System | 1.35 | |
| **02 41 19 16-0012** | | **Demolish Concrete Stair** *(02 41 19 16)* | | |
| 02 41 19 16-0013 | CF | Demolish Interior Reinforced Concrete Stairs | 6.48 | |
| 02 41 19 16-0014 | CF | Demolish Exterior Reinforced Concrete Stairs | 5.64 | |
| **02 41 19 16-0015** | | **Demolish Interior Partition/Wall** *(02 41 19 16)* | | |
| | | Note: Price includes knock down, loading, clean-up. | | |
| **02 41 19 16-0016** | | **Demolish Masonry And Concrete Interior Partition/Walls** *(02 41 19 16-0015)* | | |
| | | Note: Includes saw cutting, knock down, loading and clean-up. | | |
| **02 41 19 16-0017** | | **Demolish Concrete Block Interior Partition/Walls** *(02 41 19 16-0016)* | | |
| 02 41 19 16-0018 | SF | Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall | 4.19 | |
| 02 41 19 16-0019 | SF | Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall | 4.48 | |
| 02 41 19 16-0020 | SF | Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall | 5.06 | |
| 02 41 19 16-0021 | SF | Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall | 6.49 | |
| 02 41 19 16-0022 | SF | Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall | 8.10 | |
| 02 41 19 16-0023 | SF | Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall | 5.04 | |
| 02 41 19 16-0024 | SF | Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall | 5.38 | |
| 02 41 19 16-0025 | SF | Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall | 6.07 | |
| 02 41 19 16-0026 | SF | Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall | 7.78 | |
| 02 41 19 16-0027 | SF | Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall | 9.73 | |
| **02 41 19 16-0028** | | **Demolish Brick Interior Partition/Walls** *(02 41 19 16-0016)* | | |
| 02 41 19 16-0029 | SF | Demolish 4" Thick Brick Interior Partition/Wall | 4.19 | |
| 02 41 19 16-0030 | SF | Demolish 8" Thick Brick Interior Partition/Wall | 5.06 | |
| 02 41 19 16-0031 | SF | Demolish 12" Thick Brick Interior Partition/Wall | 6.48 | |
| 02 41 19 16-0032 | SF | Demolish 16" Thick Brick Interior Partition/Wall | 8.10 | |
| **02 41 19 16-0033** | | **Demolish Glass Block Interior Partition/Walls** *(02 41 19 16-0016)* | | |
| 02 41 19 16-0034 | SF | Demolish Glass Block Interior Partition/Walls | 3.60 | |
| **02 41 19 16-0035** | | **Demolish Concrete Interior Partition/Walls** *(02 41 19 16-0016)* | | |
| | | See CSI section 02 41 16 13-0021 for concrete foundation demolition. | | |
| 02 41 19 16-0036 | SF | Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall | 7.63 | |
| 02 41 19 16-0037 | SF | Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall | 9.53 | |
| 02 41 19 16-0038 | SF | Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall | 13.35 | |
| 02 41 19 16-0039 | SF | Demolish 6" Thick Reinforced Concrete Interior Partition/Wall | 9.16 | |
| 02 41 19 16-0040 | SF | Demolish 8" Thick Reinforced Concrete Interior Partition/Wall | 11.52 | |
| 02 41 19 16-0041 | SF | Demolish 12" Thick Reinforced Concrete Interior Partition/Wall | 16.02 | |
| **02 41 19 16-0042** | | **Demolish Terra-Cotta Block Interior Partition/Walls** *(02 41 19 16-0016)* | | |
| 02 41 19 16-0043 | SF | Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster | 1.44 | |
| **02 41 19 16-0044** | | **Demolish Stud Framed Interior Partition/Walls** *(02 41 19 16-0015)* | | |
| | | Note: Includes knock down, loading and clean-up. Includes demo of insulation if required. | | |
| 02 41 19 16-0045 | SF | Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side | 2.49 | |
| | | *For Heights >14' To 20', Add* | *0.37* | |
| | | *For Heights >20', Add* | *0.50* | |
| 02 41 19 16-0046 | SF | Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides | 2.90 | |
| | | *For Heights >14' To 20', Add* | *0.44* | |
| | | *For Heights >20', Add* | *0.58* | |
| 02 41 19 16-0047 | SF | Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side | 3.19 | |
| | | *For Heights >14' To 20', Add* | *0.48* | |
| | | *For Heights >20', Add* | *0.64* | |
| 02 41 19 16-0048 | SF | Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides | 4.43 | |
| | | *For Heights >14' To 20', Add* | *0.66* | |
| | | *For Heights >20', Add* | *0.89* | |
| 02 41 19 16-0049 | SF | Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall | 1.31 | |
| | | *For Heights >14' To 20', Add* | *0.20* | |
| | | *For Heights >20', Add* | *0.26* | |
| 02 41 19 16-0050 | SF | Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall | 1.56 | |
| | | *For Heights >14' To 20', Add* | *0.23* | |
| | | *For Heights >20', Add* | *0.31* | |

## 02 42 Removal and Salvage of Construction Materials *(02 40)*

### 02 42 21 Salvage of Construction Materials *(02 42)*

Note: Includes placement on pallets and storage on site.

### 02 42 21 35 Roofing Salvage *(02 42 21)*

| | | | | |
|---|---|---|---|---|
| **02 42 21 35-0001** | | **Clay Tile Roof Remove And Salvage For Re-use** *(02 42 21 35)* | | |
| | | Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site. | | |
| 02 42 21 35-0002 | SQ | Removal Of Clay Roof Tile, Salvage For Re-use | 229.09 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **02 42 21 47** | | **Flooring Salvage** *(02 42 21)* | | |
| 02 42 21 47-0001 | | Remove And Salvage For Re-Use *(02 42 21 47)* Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site. | | |
| 02 42 21 47-0002 | SF | Removal Of Brick Flooring And Salvage | 2.09 | |
| 02 42 21 47-0003 | SF | Removal Of Ceramic/Quarry Tile Floor And Salvage | 2.09 | |
| 02 42 21 47-0004 | SF | Removal Of Terrazzo Flooring And Salvage | 2.88 | |
| 02 42 21 47-0005 | SF | Removal Of Wood Strip Flooring And Salvage | 1.69 | |
| 02 42 21 47-0006 | SF | Removal Of Wood Parquet Flooring And Salvage | 0.89 | |
| 02 42 21 47-0007 | SF | Removal Of Resilient/Linoleum Flooring And Salvage | 0.64 | |
| 02 43 | | Structure Moving *(02 40)* | | |
| **02 43 13** | | **Structure Relocation** *(02 43)* Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities. | | |
| **02 43 13 13** | | **Building Relocation** *(02 43 13)* | | |
| 02 43 13 13-0001 | | Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete *(02 43 13 13)* Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed. | | |
| 02 43 13 13-0002 | SF | Up To 800 SF, Move Relocatable Metal Frame Building | 30.64 | |
| 02 43 13 13-0003 | SF | >800 To 920 SF, Move Relocatable Metal Frame Building | 28.96 | |
| 02 43 13 13-0004 | SF | >920 SF, Move Relocatable Metal Frame Building | 27.10 | |
| 02 43 13 13-0005 | SF | Up To 800 SF, Move Relocatable Wood Frame Building | 24.58 | |
| 02 43 13 13-0006 | SF | >800 To 920 SF, Move Relocatable Wood Frame Building | 22.97 | |
| 02 43 13 13-0007 | SF | >920 SF, Move Relocatable Wood Frame Building | 20.32 | |
| 02 43 13 13-0008 | SF | Up To 800 SF, Move Relocatable Wood/Metal Frame Building | 29.77 | |
| 02 43 13 13-0009 | SF | >800 To 920 SF, Move Relocatable Wood/Metal Frame Building | 27.10 | |
| 02 43 13 13-0010 | SF | >920 SF, Move Relocatable Wood/Metal Frame Building | 22.97 | |
| 02 50 | | Site Remediation *(02)* | | |
| 02 58 | | Snow Control *(02 50)* | | |
| **02 58 13** | | **Snow Fencing** *(02 58)* | | |
| 02 58 13 00-0001 | | Snow/Sand Fence On Steel Posts *(02 58 13)* | | |
| 02 58 13 00-0002 | LF | Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence | 6.32 | 1.66 |
| 02 60 | | Contaminated Site Material Removal *(02)* | | |
| 02 61 | | Removal and Disposal of Contaminated Soils *(02 60)* | | |
| **02 61 13** | | **Excavation and Handling of Contaminated Material** *(02 61)* See CSI section 31 23 16 00-0000 for excavation. | | |
| 02 61 13 00-0001 | | Excavation Of Non-Petroleum Contaminated Soil *(02 61 13)* | | |
| 02 61 13 00-0002 | | Excavate Non-Petroleum Contaminated Soil *(02 61 13 00-0001)* | | |
| 02 61 13 00-0003 | CY | Excavate Non Petroleum Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination. | 7.92 | |
| 02 61 13 00-0004 | CY | Load Excavated Non-Petroleum Contaminated Soil | 7.17 | |
| 02 61 13 00-0005 | CY | Disposal Fees Of Non-Petroleum Contaminated Soil | 103.41 | |
| 02 61 13 00-0006 | | Excavate Petroleum Contaminated Soil *(02 61 13)* | | |
| 02 61 13 00-0007 | CY | Excavate Petroleum Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination. | 11.88 | |
| 02 61 13 00-0008 | CY | Load Excavated Petroleum Contaminated Soil | 7.17 | |
| 02 61 13 00-0009 | CY | Disposal Fees Of Petroleum Contaminated Soil | 165.67 | |
| 02 61 13 00-0010 | | Accessories For Contaminated Soil Stockpile *(02 61 13)* See CSI section 31 25 14 23-0001 for sand bags. | | |
| 02 61 13 00-0011 | SF | 30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil. | 1.25 | |
| 02 61 13 00-0012 | SF | 10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil. | 0.74 | |
| **02 61 26** | | **Removal and Disposal of Asbestos Contaminated Soils** *(02 61)* Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

### 02 61 26 00-0001 Removal and Disposal of Asbestos Contaminated Soils *(02 61 26)*

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

| | | | | |
|---|---|---|---|---|
| 02 61 26 00-0002 | EA | Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal | 949.17 | |
| | | *For Work In Restricted Working Space, Add* | *284.75* | |
| 02 61 26 00-0003 | CF | >10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal | 62.91 | |
| | | *For Work In Restricted Working Space, Add* | *18.87* | |
| 02 61 26 00-0004 | CF | >100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal | 41.94 | |
| | | *For Work In Restricted Working Space, Add* | *12.58* | |
| 02 61 26 00-0005 | CF | >250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal | 31.51 | |
| | | *For Work In Restricted Working Space, Add* | *9.45* | |
| 02 61 26 00-0006 | CF | >500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal | 25.17 | |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 02 61 26 00-0007 | CF | >2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal | 21.39 | |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 02 61 26 00-0008 | CF | >10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal | 19.25 | |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |

## 02 65 Underground Storage Tank Removal *(02 60)*

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0037 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

### 02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis *(02 65)*

### 02 65 00 00-0002 Direct-Push Samples For Testing *(02 65 00 00-0001)*

| | | | |
|---|---|---|---|
| 02 65 00 00-0003 | EA | Mobilize Direct-Push Sampling Machine | 230.31 |
| 02 65 00 00-0004 | EA | Collection Of Direct-Push Soil Or Water Sample | 255.92 |

### 02 65 00 00-0005 Field Samples For Testing Underground Storage Tank *(02 65 00 00-0001)*

| | | | |
|---|---|---|---|
| 02 65 00 00-0006 | EA | Collection Of Sludge Sample For Underground Storage Tank | 24.57 |
| 02 65 00 00-0007 | EA | Collection Of Pumpable Liquids Sample For Underground Storage Tank | 24.57 |
| 02 65 00 00-0008 | EA | Collection Of Contaminated Soil Sample | 24.57 |

### 02 65 00 00-0009 Lab Tests For Underground Storage Tank Removal *(02 65 00 00-0001)*

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

| | | | |
|---|---|---|---|
| 02 65 00 00-0010 | EA | Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test<br>Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846. | 176.53 |
| 02 65 00 00-0011 | EA | Flashpoint, Lab Test<br>Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846. | 68.65 |
| 02 65 00 00-0012 | EA | TOX 9020, Lab Test<br>Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846. | 165.14 |
| 02 65 00 00-0013 | EA | TPH 8015 Modified, Lab Test<br>Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846. | 176.53 |
| 02 65 00 00-0014 | EA | TRPH 418.1, Lab Test<br>Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846. | 137.30 |
| 02 65 00 00-0015 | EA | VOC, Lab Test<br>Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846. | 372.67 |
| 02 65 00 00-0016 | EA | Semi-Volatile Organic, Lab Test<br>Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846. | 686.49 |
| 02 65 00 00-0017 | EA | Oil And Grease 413.1, Lab Test<br>Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846. | 82.57 |
| 02 65 00 00-0018 | EA | TCLP (Extraction) - Metals, Lab Test<br>Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846. | 147.10 |
| 02 65 00 00-0019 | EA | TCLP (Extraction) - Semi-Volatile Organic, Lab Test<br>Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846. | 196.14 |
| 02 65 00 00-0020 | EA | Metals 6010 RCRA, Lab Test<br>Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846. | 219.68 |
| 02 65 00 00-0021 | EA | Metals (Arsenic) 7060, Lab Test<br>Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846. | 29.42 |
| 02 65 00 00-0022 | EA | Metals (Selenium) 7740, Lab Test<br>Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846. | 29.42 |
| 02 65 00 00-0023 | EA | Metals (Lead) 7421, Lab Test<br>Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846. | 29.42 |
| 02 65 00 00-0024 | EA | Metals (Mercury) 7470, Lab Test<br>Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846. | 54.92 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 65 00 00-0025 | EA | PNA/PAH 8100, Lab Test<br>Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846. | 313.82 | |
| 02 65 00 00-0026 | EA | Fuel Id ASTM D3328-78, Lab Test<br>Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78. | 113.54 | |
| 02 65 00 00-0027 | EA | pH, Lab Test | 23.54 | |
| 02 65 00 00-0028 | EA | Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater | 294.21 | |
| 02 65 00 00-0029 | EA | Methyl Tertiary Butyl Ether (MTBE), Lab Test | 176.53 | |
| 02 65 00 00-0030 | | Tests, Surveys And Maintenance For Underground Storage Tank *(02 65 00 00-0001)* | | |
| 02 65 00 00-0031 | EA | Site Survey For AST/UST Location By Certified Tank Installer<br>Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found. | 1,074.36 | |
| 02 65 00 00-0032 | EA | Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems<br>Note: By Certified Technician. Write report of findings for action if needed | 181.83 | |
| 02 65 00 00-0033 | EA | Check And Report On Monitor Probes<br>Note: By Certified Technician | 42.29 | |
| 02 65 00 00-0034 | EA | Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report<br>Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc. | 300.19 | |
| 02 65 00 00-0035 | EA | Removal And Replacement Of Anode On Impressed System | 137.09 | |
| 02 65 00 00-0036 | EA | Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank | 197.43 | |
| 02 65 00 00-0037 | EA | Removal And Replacement Of Monitor Probes On Underground Storage Tank | 292.78 | |
| 02 65 00 00-0038 | EA | Ultrasonic Test On Underground Storage Tank | 117.37 | |
| 02 65 00 00-0039 | | Tests And Sampling Labor Hours *(02 65 00 00-0001)* | | |
| 02 65 00 00-0040 | HR | Certified Tank Installer For Underground Storage Tank | 111.87 | |
| 02 65 00 00-0041 | HR | Certified Geologist/Environmentalist | 118.45 | |
| 02 65 00 00-0042 | HR | Hourly Office Work For Reports Required For EPA On Underground Storage Tank<br>Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed. | 126.06 | |
| 02 65 00 00-0043 | | Remove Tank Contents *(02 65)* | | |
| 02 65 00 00-0044 | | Transfer Liquid *(02 65 00 00-0043)*<br>Note: For use to transfer liquids from one tank to another. | | |
| 02 65 00 00-0045 | GAL | Transfer Reusable Liquid To Different Tank<br>Note: Per gallon of material transferred. | 0.76 | |
| 02 65 00 00-0046 | | Remove And Dispose Of Liquid From Tank *(02 65 00 00-0043)* | | |
| 02 65 00 00-0047 | GAL | Removal and Disposal Of Hazardous Liquids From Tank | 2.89 | |
| 02 65 00 00-0048 | GAL | Removal and Disposal Of Non Hazardous Liquid From Tank | 1.34 | |
| 02 65 00 00-0049 | | Remove And Dispose Of Solids Or Sludge *(02 65 00 00-0043)*<br>Note: Includes scraping and solidifying agent. | | |
| 02 65 00 00-0050 | GAL | Removal and Disposal Of Hazardous Solids Or Sludge From Tank | 6.56 | |
| 02 65 00 00-0051 | GAL | Removal and Disposal Of Non Hazardous Solids Or Sludge From Tank | 1.84 | |
| 02 65 00 00-0052 | | Purge Vapors, Open And Clean Tank *(02 65)* | | |
| 02 65 00 00-0053 | | Purge Vapors *(02 65 00 00-0052)* | | |
| 02 65 00 00-0054 | LB | Purge Tank Using Dry Ice<br>Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume. | 3.65 | |
| 02 65 00 00-0055 | | High Pressure Water Wash And Rinse Of Tank Interior *(02 65 00 00-0052)*<br>Note: Includes removal and disposal of rinse water. | | |
| 02 65 00 00-0056 | EA | Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 371.22 | |
| 02 65 00 00-0057 | EA | >275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 497.37 | |
| 02 65 00 00-0058 | EA | >550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 661.03 | |
| 02 65 00 00-0059 | EA | >1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 929.96 | |
| 02 65 00 00-0060 | EA | >2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 1,864.20 | |
| 02 65 00 00-0061 | EA | >5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 2,240.96 | |
| 02 65 00 00-0062 | EA | >6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 2,631.80 | |
| 02 65 00 00-0063 | EA | >8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 3,199.07 | |
| 02 65 00 00-0064 | EA | >10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 4,239.87 | |
| 02 65 00 00-0065 | EA | >15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 5,095.69 | |
| 02 65 00 00-0066 | EA | >20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 6,523.05 | |
| 02 65 00 00-0067 | EA | >30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 7,949.71 | |
| 02 65 00 00-0068 | EA | >40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior | 9,578.13 | |
| 02 65 00 00-0069 | | Scrape Clean Tank Exterior *(02 65 00 00-0052)* | | |
| 02 65 00 00-0070 | EA | Up To 275 Gallon Tank, Scrape Clean Tank Exterior | 188.72 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 65 00 00-0071 | EA | >275 To 550 Gallon Tank, Scrape Clean Tank Exterior | 251.32 | |
| 02 65 00 00-0072 | EA | >550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior | 329.31 | |
| 02 65 00 00-0073 | EA | >1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior | 456.02 | |
| 02 65 00 00-0074 | EA | >2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior | 1,009.88 | |
| 02 65 00 00-0075 | EA | >5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior | 1,278.72 | |
| 02 65 00 00-0076 | EA | >6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior | 1,496.34 | |
| 02 65 00 00-0077 | EA | >8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior | 1,881.11 | |
| 02 65 00 00-0078 | EA | >10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior | 2,444.99 | |
| 02 65 00 00-0079 | EA | >15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior | 3,068.94 | |
| 02 65 00 00-0080 | EA | >20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior | 3,996.01 | |
| 02 65 00 00-0081 | EA | >30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior | 4,795.21 | |
| 02 65 00 00-0082 | EA | >40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior | 5,994.01 | |

### 02 65 00 00-0083 Tank And Piping Removal *(02 65)*

Note: Excludes excavation. See CSI section 02 61 13 00-0001 for excavation.

### 02 65 00 00-0084 Removal And Disposal Of Piping *(02 65 00 00-0083)*

Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.

| | | | | |
|---|---|---|---|---|
| 02 65 00 00-0085 | LF | Up To 4", Removal And Disposal Of Piping | 16.83 | |
| 02 65 00 00-0086 | LF | >4" To 8", Removal And Disposal Of Piping | 22.44 | |

### 02 65 00 00-0087 Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement *(02 65 00 00-0083)*

Note: Excludes excavation or backfill.

| | | | | |
|---|---|---|---|---|
| 02 65 00 00-0088 | EA | Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 553.88 | |
| 02 65 00 00-0089 | EA | >275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 672.57 | |
| 02 65 00 00-0090 | EA | >550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 791.27 | |
| 02 65 00 00-0091 | EA | >1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 989.08 | |
| 02 65 00 00-0092 | EA | >2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 1,384.70 | |
| 02 65 00 00-0093 | EA | >5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 1,740.77 | |
| 02 65 00 00-0094 | EA | >6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 1,978.15 | |
| 02 65 00 00-0095 | EA | >8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 2,373.78 | |
| 02 65 00 00-0096 | EA | >10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 3,165.04 | |
| 02 65 00 00-0097 | EA | >15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 3,794.19 | |
| 02 65 00 00-0098 | EA | >20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 4,446.00 | |
| 02 65 00 00-0099 | EA | >30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 5,201.45 | |
| 02 65 00 00-0100 | EA | >40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement | 6,501.80 | |

### 02 65 00 00-0101 Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary *(02 65 00 00-0083)*

Note: Includes 1 lengthwise at every 4' on-center height wise.

| | | | | |
|---|---|---|---|---|
| 02 65 00 00-0102 | EA | >1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 752.98 | |
| 02 65 00 00-0103 | EA | >2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 1,404.21 | |
| 02 65 00 00-0104 | EA | >5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 1,689.12 | |
| 02 65 00 00-0105 | EA | >6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 1,882.46 | |
| 02 65 00 00-0106 | EA | >8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 2,258.94 | |
| 02 65 00 00-0107 | EA | >10,000 to 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 2,808.41 | |
| 02 65 00 00-0108 | EA | >15,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 3,378.24 | |
| 02 65 00 00-0109 | EA | >20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 4,222.80 | |
| 02 65 00 00-0110 | EA | >30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 5,278.51 | |
| 02 65 00 00-0111 | EA | >40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of | 6,598.12 | |

### 02 65 00 00-0112 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station *(02 65 00 00-0083)*

Note: Includes disposal fee.

| | | | | |
|---|---|---|---|---|
| 02 65 00 00-0113 | EA | Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 420.90 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *3.85* |
| 02 65 00 00-0114 | EA | >275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 594.86 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *4.86* |
| 02 65 00 00-0115 | EA | >550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 959.00 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *7.30* |
| 02 65 00 00-0116 | EA | >1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 1,674.78 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *8.51* |
| 02 65 00 00-0117 | EA | >2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 2,957.15 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *15.00* |
| 02 65 00 00-0118 | EA | >5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 3,005.80 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *16.22* |
| 02 65 00 00-0119 | EA | >6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 3,086.88 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *18.24* |
| 02 65 00 00-0120 | EA | >8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 4,619.90 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *24.32* |
| 02 65 00 00-0121 | EA | >10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 6,129.29 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *36.48* |
| 02 65 00 00-0122 | EA | >15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 7,314.37 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *40.54* |
| 02 65 00 00-0123 | EA | >20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 9,150.84 | |
| | | *For Each Additional Mile >15 Miles, Add* | | *48.65* |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 65 00 00-0124 | EA | >30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 13,453.86 | |
| | | *For Each Additional Mile >15 Miles, Add* | *58.37* | |
| 02 65 00 00-0125 | EA | >40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station | 16,472.62 | |
| | | *For Each Additional Mile >15 Miles, Add* | *67.13* | |

### 02 65 00 00-0126 Other Storage Tank Removals *(02 65 00 00-0083)*

| | | | | |
|---|---|---|---|---|
| 02 65 00 00-0127 | GAL | Removal Of Cement Lining | 0.51 | |
| 02 65 00 00-0128 | GAL | Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams | 0.18 | |
| 02 65 00 00-0129 | GAL | Install Epoxy For Interior Corrosion Protection | 0.86 | |

### 02 65 00 00-0130 Tank Closure Report *(02 65 00 00-0083)*

Note: Excludes soils tests. See CSI section 02 65 00 00-0009 for soil tests.

| | | | | |
|---|---|---|---|---|
| 02 65 00 00-0131 | EA | Prepare Tank Closure Report | 3,873.95 | |

### 02 65 00 00-0132 Temporary Tanks *(02 65)*

### 02 65 00 00-0133 Temporary Holding Tanks *(02 65 00 00-0132)*

### 02 65 00 00-0134 Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0133)*

| | | | | |
|---|---|---|---|---|
| 02 65 00 00-0135 | MO | 550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental | 816.18 | |
| 02 65 00 00-0136 | MO | 630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental | 816.18 | |
| 02 65 00 00-0137 | MO | 630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental | 1,632.36 | |
| 02 65 00 00-0138 | MO | 4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental | 1,224.27 | |
| 02 65 00 00-0139 | MO | 4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental | 2,856.63 | |
| 02 65 00 00-0140 | MO | 6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental | 2,040.45 | |
| 02 65 00 00-0141 | MO | 21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental | 4,290.76 | |
| 02 65 00 00-0142 | MO | 21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental | 5,142.10 | |
| 02 65 00 00-0143 | MO | 21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental | 8,683.68 | |

### 02 65 00 00-0144 Secondary Containment Berm *(02 65 00 00-0132)*

| | | | | |
|---|---|---|---|---|
| 02 65 00 00-0145 | MO | Secondary Containment Berm Monthly Rental | 1,768.39 | |

## 02 80 Facility Remediation *(02)*

### 02 81 Transportation and Disposal of Hazardous Materials *(02 80)*

### 02 81 00 00-0001 Equipment Oil Drain And Disposal *(02 81)*

| | | | | |
|---|---|---|---|---|
| 02 81 00 00-0002 | TRIP | Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site<br>Note: Excludes Disposal Cost. | 574.28 | |
| 02 81 00 00-0003 | DRM | Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum<br>Note: Excludes draining, placing in approved container, and transporting to disposal site. | 90.24 | |
| 02 81 00 00-0004 | DRM | Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum<br>Note: Excludes draining, placing in approved container, and transporting to disposal site. | 410.20 | |
| 02 81 00 00-0005 | DRM | Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum<br>Note: Excludes draining, placing in approved container, and transporting to disposal site. | 738.36 | |
| 02 81 00 00-0006 | CF | Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site<br>Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal. | 98.29 | |

### 02 82 Asbestos Remediation *(02 80)*

See CSI section 01 56 16 00-0029 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

#### 02 82 13 Asbestos Abatement *(02 82)*

### 02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82 13)*

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

| | | | | |
|---|---|---|---|---|
| 02 82 13 00-0002 | HR | Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring | 74.57 | |
| 02 82 13 00-0003 | EA | 48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing | 53.32 | |
| 02 82 13 00-0004 | EA | Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing | 62.51 | |
| 02 82 13 00-0005 | EA | Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing | 99.28 | |
| 02 82 13 00-0006 | EA | 48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing | 170.99 | |
| 02 82 13 00-0007 | EA | Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing | 207.76 | |
| 02 82 13 00-0008 | EA | 48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing | 42.29 | |
| 02 82 13 00-0009 | EA | Next Day Turnaround, (Air) PCM Test, Asbestos Testing | 51.48 | |
| 02 82 13 00-0010 | EA | Same Day Turnaround, (Air) PCM Test, Asbestos Testing | 69.87 | |
| 02 82 13 00-0011 | EA | 48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test | 53.32 | |
| 02 82 13 00-0012 | EA | Next Day Turnaround, (Air Point Counting) PLM Test | 62.51 | |
| 02 82 13 00-0013 | EA | Same Day Turnaround, (Air Point Counting) PLM Test | 99.28 | |
| 02 82 13 00-0014 | EA | 48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing | 170.99 | |
| 02 82 13 00-0015 | EA | Next Day Turnaround, (Air) TEM Test, Asbestos Testing | 196.73 | |
| 02 82 13 00-0016 | EA | Same Day Turnaround, (Air) TEM Test, Asbestos Testing | 273.95 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 02 82 16 Engineering Control of Asbestos Containing Materials *(02 82)*

### 02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) *(02 82 16)*

| | | | |
|---|---|---|---|
| 02 82 16 00-0002 | SF | Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat | 1.30 |
| 02 82 16 00-0003 | SF | Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound) | 1.81 |
| 02 82 16 00-0004 | SF | Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®) | 2.00 |
| 02 82 16 00-0005 | SF | Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®) | 2.12 |
| 02 82 16 00-0006 | SF | Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®) | 6.88 |
| 02 82 16 00-0007 | SF | Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®) | 7.85 |

## 02 82 33 Removal and Disposal of Asbestos Containing Materials *(02 82)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects.

### 02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal *(02 82 33)*

### 02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0001)*

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

### 02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

| | | | |
|---|---|---|---|
| 02 82 33 00-0004 | SET | Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 987.47 |
| | | *For Work In Restricted Working Space, Add* | *284.75* |
| 02 82 33 00-0005 | LF | >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 34.27 |
| | | *For Work In Restricted Working Space, Add* | *9.71* |
| 02 82 33 00-0006 | LF | >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 26.18 |
| | | *For Work In Restricted Working Space, Add* | *7.28* |
| 02 82 33 00-0007 | LF | >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 20.11 |
| | | *For Work In Restricted Working Space, Add* | *5.46* |
| 02 82 33 00-0008 | LF | >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 15.56 |
| | | *For Work In Restricted Working Space, Add* | *4.10* |
| 02 82 33 00-0009 | LF | >10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 13.78 |
| | | *For Work In Restricted Working Space, Add* | *3.56* |

### 02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

| | | | |
|---|---|---|---|
| 02 82 33 00-0011 | SET | Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 1,025.77 |
| | | *For Work In Restricted Working Space, Add* | *284.75* |
| 02 82 33 00-0012 | LF | >20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 41.05 |
| | | *For Work In Restricted Working Space, Add* | *11.17* |
| 02 82 33 00-0013 | LF | >250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 31.73 |
| | | *For Work In Restricted Working Space, Add* | *8.37* |
| 02 82 33 00-0014 | LF | >500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 24.76 |
| | | *For Work In Restricted Working Space, Add* | *6.28* |
| 02 82 33 00-0015 | LF | >2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 19.52 |
| | | *For Work In Restricted Working Space, Add* | *4.71* |
| 02 82 33 00-0016 | LF | >10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal | 17.49 |
| | | *For Work In Restricted Working Space, Add* | *4.10* |

### 02 82 33 00-0017 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

| | | | |
|---|---|---|---|
| 02 82 33 00-0018 | SET | Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal | 608.07 |
| | | *For Work In Restricted Working Space, Add* | *178.97* |
| 02 82 33 00-0019 | LF | >3 To 20 LF Additional Glove Bag Work for Pipe Insulation | 103.26 |
| | | *For Work In Restricted Working Space, Add* | *29.83* |
| 02 82 33 00-0020 | LF | >20 To 250 LF Additional Glove Bag Work for Pipe Insulation | 42.43 |
| | | *For Work In Restricted Working Space, Add* | *11.58* |
| 02 82 33 00-0021 | LF | >250 To 500 LF Additional Glove Bag Work for Pipe Insulation | 32.77 |
| | | *For Work In Restricted Working Space, Add* | *8.68* |
| 02 82 33 00-0022 | LF | >500 LF Additional Glove Bag Work for Pipe Insulation | 25.53 |
| | | *For Work In Restricted Working Space, Add* | *6.51* |

### 02 82 33 00-0023 Thermal Insulation, Asbestos Abatement And Disposal *(02 82 33)*

### 02 82 33 00-0024 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal *(02 82 33 00-0023)*

Note: e.g., duct, boiler, tank, etc.

| | | | |
|---|---|---|---|
| 02 82 33 00-0025 | SET | Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal | 973.11 |
| 02 82 33 00-0026 | SF | >25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal | 33.32 |
| 02 82 33 00-0027 | SF | >500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal | 26.44 |
| 02 82 33 00-0028 | SF | >2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal | 20.07 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 82 33 00-0029 | SF | >10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal | 15.29 | |
| 02 82 33 00-0030 | | Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)* | | |
| 02 82 33 00-0031 | | Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0030)* | | |
| | | Note: Exposed surface area, includes associated overspray. | | |
| 02 82 33 00-0032 | SET | Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal | 973.11 | |
| 02 82 33 00-0033 | SF | >25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal | 39.78 | |
| 02 82 33 00-0034 | SF | >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal | 30.07 | |
| 02 82 33 00-0035 | SF | >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal | 22.79 | |
| 02 82 33 00-0036 | SF | >10,000 SF, Fireproofing, Asbestos Abatement And Disposal | 17.33 | |
| 02 82 33 00-0037 | | Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 33 00-0030)* | | |
| | | Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials. | | |
| 02 82 33 00-0038 | SET | Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal | 965.13 | |
| 02 82 33 00-0039 | SF | >25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal | 16.85 | |
| 02 82 33 00-0040 | SF | >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal | 12.90 | |
| 02 82 33 00-0041 | SF | >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal | 9.74 | |
| 02 82 33 00-0042 | SF | >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal | 7.37 | |
| 02 82 33 00-0043 | | Gypsum Wall Board, Asbestos Abatement And Disposal *(02 82 33 00-0030)* | | |
| 02 82 33 00-0044 | SET | Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal | 981.09 | |
| | | *For Additional Layer, Add* | *261.02* | |
| 02 82 33 00-0045 | SF | >50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal | 13.10 | |
| | | *For Additional Layer, Add* | *3.43* | |
| 02 82 33 00-0046 | SF | >500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal | 9.74 | |
| | | *For Additional Layer, Add* | *2.50* | |
| 02 82 33 00-0047 | SF | >2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal | 7.76 | |
| | | *For Additional Layer, Add* | *1.96* | |
| 02 82 33 00-0048 | SF | >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal | 6.18 | |
| | | *For Additional Layer, Add* | *1.52* | |
| 02 82 33 00-0049 | SF | >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal | 4.99 | |
| | | *For Additional Layer, Add* | *1.20* | |
| 02 82 33 00-0050 | SF | >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal | 4.12 | |
| | | *For Additional Layer, Add* | *0.96* | |
| 02 82 33 00-0051 | | Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0030)* | | |
| 02 82 33 00-0052 | SET | Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal | 965.13 | |
| 02 82 33 00-0053 | SF | >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal | 24.29 | |
| 02 82 33 00-0054 | SF | >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal | 17.96 | |
| 02 82 33 00-0055 | SF | >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal | 14.16 | |
| 02 82 33 00-0056 | SF | >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal | 11.16 | |
| 02 82 33 00-0057 | SF | >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal | 8.16 | |
| 02 82 33 00-0058 | | Stucco, Asbestos Abatement And Disposal *(02 82 33 00-0030)* | | |
| 02 82 33 00-0059 | SET | Up To 50 SF, Stucco, Asbestos Abatement And Disposal | 981.09 | |
| 02 82 33 00-0060 | SF | >50 To 500 SF, Stucco, Asbestos Abatement And Disposal | 28.15 | |
| 02 82 33 00-0061 | SF | >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal | 21.27 | |
| 02 82 33 00-0062 | SF | >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal | 16.12 | |
| 02 82 33 00-0063 | SF | >10,000 SF, Stucco, Asbestos Abatement And Disposal | 12.24 | |
| 02 82 33 00-0064 | | Spray On Acoustical Ceiling, Asbestos Abatement And Disposal *(02 82 33 00-0030)* | | |
| 02 82 33 00-0065 | SET | Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal | 981.09 | |
| 02 82 33 00-0066 | SF | >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal | 11.19 | |
| 02 82 33 00-0067 | SF | >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal | 9.19 | |
| 02 82 33 00-0068 | SF | >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal | 6.58 | |
| 02 82 33 00-0069 | SF | >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal | 5.08 | |
| 02 82 33 00-0070 | | Plywood, Asbestos Abatement And Disposal *(02 82 33 00-0030)* | | |
| 02 82 33 00-0071 | SET | Up To 40 SF, Plywood, Asbestos Abatement And Disposal | 974.71 | |
| 02 82 33 00-0072 | SF | >50 To 500 SF, Plywood, Asbestos Abatement And Disposal | 14.08 | |
| 02 82 33 00-0073 | SF | >500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal | 7.11 | |
| 02 82 33 00-0074 | SF | >2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal | 5.00 | |
| 02 82 33 00-0075 | SF | >10,000 SF, Plywood, Asbestos Abatement And Disposal | 4.36 | |
| 02 82 33 00-0076 | | Flooring Material, Asbestos Abatement And Disposal *(02 82 33)* | | |
| 02 82 33 00-0077 | | Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal *(02 82 33 00-0076)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **02 82 33 00-0078** | | **Wall Or Cove Base, Asbestos Abatement And Disposal** *(02 82 33 00-0077)* Note: Up to 12". | | |
| 02 82 33 00-0079 | SET | Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal | 324.37 | |
| 02 82 33 00-0080 | LF | >25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal | 4.54 | |
| 02 82 33 00-0081 | LF | >100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal | 2.85 | |
| 02 82 33 00-0082 | LF | >500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal | 1.90 | |
| 02 82 33 00-0083 | LF | >2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal | 1.43 | |
| **02 82 33 00-0084** | | **Floor Tile, Asbestos Abatement And Disposal** *(02 82 33 00-0077)* Note: Single layer or first of multiple layers. Excludes mastic. | | |
| 02 82 33 00-0085 | SET | Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal | 955.55 | |
| | | *For Each Additional Layer, Add* | *143.33* | |
| 02 82 33 00-0086 | SF | >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal | 7.11 | |
| | | *For Each Additional Layer, Add* | *1.07* | |
| 02 82 33 00-0087 | SF | >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal | 5.90 | |
| | | *For Each Additional Layer, Add* | *0.89* | |
| 02 82 33 00-0088 | SF | >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal | 4.79 | |
| | | *For Each Additional Layer, Add* | *0.72* | |
| 02 82 33 00-0089 | SF | >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal | 3.44 | |
| | | *For Each Additional Layer, Add* | *0.52* | |
| **02 82 33 00-0090** | | **Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal** *(02 82 33 00-0077)* Note: Single layer or first of multiple layers. Excludes mastic. | | |
| 02 82 33 00-0091 | SET | Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal | 955.55 | |
| | | *For Each Additional Layer, Add* | *143.33* | |
| 02 82 33 00-0092 | SF | >100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal | 7.11 | |
| | | *For Each Additional Layer, Add* | *1.07* | |
| 02 82 33 00-0093 | SF | >500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal | 5.92 | |
| | | *For Each Additional Layer, Add* | *0.89* | |
| 02 82 33 00-0094 | SF | >2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal | 5.41 | |
| | | *For Each Additional Layer, Add* | *0.81* | |
| 02 82 33 00-0095 | SF | >10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal | 4.46 | |
| | | *For Each Additional Layer, Add* | *0.67* | |
| **02 82 33 00-0096** | | **Carpet, Asbestos Abatement And Disposal** *(02 82 33 00-0077)* | | |
| 02 82 33 00-0097 | SET | Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal | 955.55 | |
| 02 82 33 00-0098 | SF | >100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal | 5.53 | |
| 02 82 33 00-0099 | SF | >500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal | 4.57 | |
| 02 82 33 00-0100 | SF | >2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal | 3.45 | |
| 02 82 33 00-0101 | SF | >10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal | 2.73 | |
| **02 82 33 00-0102** | | **Mastic, Asbestos Abatement And Disposal** *(02 82 33 00-0076)* Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor. | | |
| 02 82 33 00-0103 | SET | Up To 100 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers. | 965.14 | |
| 02 82 33 00-0104 | SF | >100 To 500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers. | 2.52 | |
| 02 82 33 00-0105 | SF | >500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers. | 1.89 | |
| 02 82 33 00-0106 | SF | >2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers. | 1.49 | |
| 02 82 33 00-0107 | SF | >10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers. | 1.22 | |
| **02 82 33 00-0108** | | **Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal** *(02 82 33 00-0076)* Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination. | | |
| 02 82 33 00-0109 | SET | Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 1,013.01 | |
| 02 82 33 00-0110 | SF | >100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 8.11 | |
| 02 82 33 00-0111 | SF | >500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 6.10 | |
| 02 82 33 00-0112 | SF | >2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 4.91 | |
| 02 82 33 00-0113 | SF | >10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 3.96 | |
| **02 82 33 00-0114** | | **Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal** *(02 82 33 00-0076)* | | |
| 02 82 33 00-0115 | SET | Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal | 981.07 | |
| 02 82 33 00-0116 | SF | >100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal | 8.79 | |
| 02 82 33 00-0117 | SF | >500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal. | 5.86 | |
| 02 82 33 00-0118 | SF | >2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal | 4.67 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 82 33 00-0119 | SF | >10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal | 3.88 | |
| 02 82 33 00-0120 | | Roofing, Asbestos Abatement And Disposal *(02 82 33)* | | |
| 02 82 33 00-0121 | | Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0120)*<br>Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc. | | |
| 02 82 33 00-0122 | | Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0121)* | | |
| 02 82 33 00-0123 | SET | Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 1,028.97 | |
| 02 82 33 00-0124 | SF | >125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 6.71 | |
| 02 82 33 00-0125 | SF | >1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 5.50 | |
| 02 82 33 00-0126 | SF | >5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 4.53 | |
| 02 82 33 00-0127 | SF | >10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 3.55 | |
| 02 82 33 00-0128 | SF | >20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 2.82 | |
| 02 82 33 00-0129 | | >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0121)* | | |
| 02 82 33 00-0130 | SET | Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 1,089.60 | |
| 02 82 33 00-0131 | SF | >110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 8.19 | |
| 02 82 33 00-0132 | SF | >1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 6.79 | |
| 02 82 33 00-0133 | SF | >5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 5.71 | |
| 02 82 33 00-0134 | SF | >10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 4.60 | |
| 02 82 33 00-0135 | SF | >20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 3.77 | |
| 02 82 33 00-0136 | | >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0121)* | | |
| 02 82 33 00-0137 | SET | Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 1,159.81 | |
| 02 82 33 00-0138 | SF | >110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 9.59 | |
| 02 82 33 00-0139 | SF | >1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 8.03 | |
| 02 82 33 00-0140 | SF | >5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 6.84 | |
| 02 82 33 00-0141 | SF | >10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 5.61 | |
| 02 82 33 00-0142 | SF | >20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal | 4.67 | |
| 02 82 33 00-0143 | | Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0120)* | | |
| 02 82 33 00-0144 | | Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0143)* | | |
| 02 82 33 00-0145 | SET | Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 969.12 | |
| 02 82 33 00-0146 | SF | >125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 6.23 | |
| | | *For Each Additional Layer, Add* | *1.25* | |
| 02 82 33 00-0147 | SF | >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 5.02 | |
| | | *For Each Additional Layer, Add* | *1.00* | |
| 02 82 33 00-0148 | SF | >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 4.05 | |
| | | *For Each Additional Layer, Add* | *0.81* | |
| 02 82 33 00-0149 | SF | >10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 3.07 | |
| | | *For Each Additional Layer, Add* | *0.61* | |
| 02 82 33 00-0150 | SF | >20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 2.34 | |
| | | *For Each Additional Layer, Add* | *0.47* | |
| 02 82 33 00-0151 | | Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)* | | |
| 02 82 33 00-0152 | | Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0151)*<br>Note: Includes detachment of mounted objects before removal. | | |
| 02 82 33 00-0153 | SET | Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal. | 981.07 | |
| 02 82 33 00-0154 | SF | >100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal. | 6.79 | |
| 02 82 33 00-0155 | SF | >500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal. | 3.55 | |
| 02 82 33 00-0156 | SF | >2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal. | 2.91 | |
| 02 82 33 00-0157 | SF | >10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal. | 2.57 | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **02 82 33 00-0158** | | **Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal** *(02 82 33 00-0151)* | | |
| 02 82 33 00-0159 | SET | Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal | 981.07 | |
| 02 82 33 00-0160 | SF | >100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal | 5.94 | |
| 02 82 33 00-0161 | SF | >500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal | 3.20 | |
| 02 82 33 00-0162 | SF | >2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal | 2.63 | |
| 02 82 33 00-0163 | SF | >10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal | 2.32 | |
| **02 82 33 00-0164** | | **Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal** *(02 82 33 00-0151)* | | |
| 02 82 33 00-0165 | SET | Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal | 829.27 | |
| 02 82 33 00-0166 | LF | >10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal | 36.19 | |
| 02 82 33 00-0167 | LF | >100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal | 28.10 | |
| 02 82 33 00-0168 | LF | >250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal | 22.03 | |
| 02 82 33 00-0169 | LF | >500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal | 17.49 | |
| 02 82 33 00-0170 | LF | >2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal | 14.07 | |
| 02 82 33 00-0171 | LF | >10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal | 13.82 | |
| **02 82 33 00-0172** | | **Exterior Transite Siding, Asbestos Abatement And Disposal** *(02 82 33 00-0151)* | | |
| 02 82 33 00-0173 | SET | Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 1,003.27 | |
| 02 82 33 00-0174 | SF | >125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 5.37 | |
| 02 82 33 00-0175 | SF | >1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 4.37 | |
| 02 82 33 00-0176 | SF | >5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 3.55 | |
| 02 82 33 00-0177 | SF | >10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 2.75 | |
| 02 82 33 00-0178 | SF | >20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal<br>Note: Single or first of multiple layers. | 2.14 | |
| **02 82 33 00-0179** | | **Asbestos Contaminated Debris, Asbestos Abatement And Disposal** *(02 82 33)* | | |
| **02 82 33 00-0180** | | **Asbestos Contaminated Debris, Asbestos Abatement And Disposal** *(02 82 33 00-0179)* | | |
| 02 82 33 00-0181 | SET | Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal | 671.08 | |
| | | *For Work In Restricted Working Space, Add* | *189.83* | |
| 02 82 33 00-0182 | CF | >10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal | 66.74 | |
| | | *For Work In Restricted Working Space, Add* | *18.87* | |
| 02 82 33 00-0183 | CF | >100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal | 45.77 | |
| | | *For Work In Restricted Working Space, Add* | *12.58* | |
| 02 82 33 00-0184 | CF | >250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal | 35.34 | |
| | | *For Work In Restricted Working Space, Add* | *9.45* | |
| 02 82 33 00-0185 | CF | >500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal | 29.00 | |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 02 82 33 00-0186 | CF | >2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal | 25.22 | |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 02 82 33 00-0187 | CF | >10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal | 23.08 | |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| **02 82 33 00-0188** | | **Other Asbestos Containing Materials, Asbestos Abatement And Disposal** *(02 82 33)* | | |
| **02 82 33 00-0189** | | **30" To 36" Fire Door, Asbestos Abatement And Disposal** *(02 82 33 00-0188)* | | |
| 02 82 33 00-0190 | SET | Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal | 333.62 | |
| 02 82 33 00-0191 | EA | >1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal | 131.13 | |
| 02 82 33 00-0192 | EA | >20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal | 119.74 | |
| **02 82 33 00-0193** | | **HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal** *(02 82 33 00-0188)* | | |
| 02 82 33 00-0194 | SET | Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal | 317.19 | |
| 02 82 33 00-0195 | LF | >10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal | 6.55 | |
| 02 82 33 00-0196 | LF | >50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal | 4.93 | |
| 02 82 33 00-0197 | LF | >100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal | 4.25 | |
| 02 82 33 00-0198 | LF | >250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal | 3.67 | |
| 02 82 33 00-0199 | LF | >1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal | 3.15 | |
| 02 82 33 00-0200 | LF | >2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal | 2.74 | |
| **02 82 33 00-0201** | | **Grout, Asbestos Abatement And Disposal** *(02 82 33 00-0188)*<br>Note: e.g. flue grout. | | |
| 02 82 33 00-0202 | SET | Up To 10 LF, Grout, Asbestos Abatement And Disposal | 316.92 | |
| 02 82 33 00-0203 | LF | >10 To 50 LF, Grout, Asbestos Abatement And Disposal | 12.51 | |
| 02 82 33 00-0204 | LF | >50 To 100 LF, Grout, Asbestos Abatement And Disposal | 8.62 | |
| 02 82 33 00-0205 | LF | >100 To 250 LF, Grout, Asbestos Abatement And Disposal | 7.40 | |
| 02 82 33 00-0206 | LF | >250 To 1,000 LF, Grout, Asbestos Abatement And Disposal | 6.36 | |
| 02 82 33 00-0207 | LF | >1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal | 5.49 | |
| 02 82 33 00-0208 | LF | >2,500 LF, Grout, Asbestos Abatement And Disposal | 4.71 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **02 82 33 00-0209** | | **Gaskets, Asbestos Abatement And Disposal** *(02 82 33 00-0188)* | | |
| | | Note: e.g. rope, web cloth, flat. | | |
| 02 82 33 00-0210 | SET | Up To 10 LF, Gaskets, Asbestos Abatement And Disposal | 317.19 | |
| 02 82 33 00-0211 | LF | >10 To 50 LF, Gaskets, Asbestos Abatement And Disposal | 16.86 | |
| 02 82 33 00-0212 | LF | >50 To 250 LF, Gaskets, Asbestos Abatement And Disposal | 12.66 | |
| 02 82 33 00-0213 | LF | >250 To 500 LF, Gaskets, Asbestos Abatement And Disposal | 10.80 | |
| 02 82 33 00-0214 | LF | >500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal | 9.72 | |
| 02 82 33 00-0215 | LF | >1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal | 8.75 | |
| 02 82 33 00-0216 | LF | >2,500 LF, Gaskets, Asbestos Abatement And Disposal | 8.33 | |
| **02 82 33 00-0217** | | **Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal** *(02 82 33 00-0188)* | | |
| | | Note: e.g. grid, spline, or glued on. | | |
| 02 82 33 00-0218 | SET | Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal<br>Note: Including Glue Removal | 648.74 | |
| 02 82 33 00-0219 | SF | >50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal<br>Note: Including Glue Removal | 13.76 | |
| 02 82 33 00-0220 | SF | >1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal<br>Note: Including Glue Removal | 6.79 | |
| 02 82 33 00-0221 | SF | >2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal<br>Note: Including Glue Removal | 4.68 | |
| 02 82 33 00-0222 | SF | >10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal<br>Note: Including Glue Removal | 4.04 | |
| **02 82 33 00-0223** | | **Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal** *(02 82 33 00-0188)* | | |
| | | Note: Includes ceiling tile, asbestos barrier paper, and furring strips. | | |
| 02 82 33 00-0224 | SET | Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 641.39 | |
| 02 82 33 00-0225 | SF | >50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 13.76 | |
| 02 82 33 00-0226 | SF | >1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 6.79 | |
| 02 82 33 00-0227 | SF | >2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 4.68 | |
| 02 82 33 00-0228 | SF | >10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 4.04 | |
| **02 82 33 00-0229** | | **Caulking, Asbestos Abatement And Disposal** *(02 82 33 00-0188)* | | |
| **02 82 33 00-0230** | | **Non Friable Caulking, Asbestos Abatement And Disposal** *(02 82 33 00-0229)* | | |
| 02 82 33 00-0231 | SET | Up To 10 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal | 316.92 | |
| 02 82 33 00-0232 | LF | >10 To 50 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal | 9.39 | |
| 02 82 33 00-0233 | LF | >50 To 100 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal | 6.63 | |
| 02 82 33 00-0234 | LF | >100 To 250 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal | 4.95 | |
| 02 82 33 00-0235 | LF | >250 To 1,000 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal | 3.72 | |
| 02 82 33 00-0236 | LF | >1,000 To 2,500 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal | 2.96 | |
| 02 82 33 00-0237 | LF | >2,500 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal | 2.57 | |
| **02 82 33 00-0238** | | **Window Putty, Asbestos Abatement And Disposal** *(02 82 33 00-0188)* | | |
| 02 82 33 00-0239 | SET | Up To 10 LF, Window Putty, Asbestos Abatement And Disposal | 316.92 | |
| 02 82 33 00-0240 | LF | >10 To 50 LF, Window Putty, Asbestos Abatement And Disposal | 12.51 | |
| 02 82 33 00-0241 | LF | >50 To 100 LF, Window Putty, Asbestos Abatement And Disposal | 8.62 | |
| 02 82 33 00-0242 | LF | >100 To 250 LF, Window Putty, Asbestos Abatement And Disposal | 7.40 | |
| 02 82 33 00-0243 | LF | >250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal | 6.36 | |
| 02 82 33 00-0244 | LF | >1,000 LF, Window Putty, Asbestos Abatement And Disposal | 5.49 | |

## 02 83 Lead Remediation *(02 80)*

See CSI section 01 56 16 00-0029 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

### 02 83 19 Lead-Based Paint Remediation *(02 83)*

### 02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0029 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.

| | | | | |
|---|---|---|---|---|
| **02 83 19 13-0001** | | **Lead Sampling And Testing** *(02 83 19 13)* | | |
| | | Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time. | | |
| 02 83 19 13-0002 | HR | Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring | 67.67 | |
| 02 83 19 13-0003 | EA | X-Ray Fluorescence (XRF) Lead Testing<br>Note: Including Technician, 3 Readings Per Surface And Lab Fee | 63.38 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 83 19 13-0004 | EA | 5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee | 60.67 | |
| 02 83 19 13-0005 | EA | 48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee | 91.93 | |
| 02 83 19 13-0006 | EA | 24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee | 128.70 | |
| 02 83 19 13-0007 | EA | 5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee | 23.90 | |
| 02 83 19 13-0008 | EA | 24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee | 36.77 | |
| 02 83 19 13-0009 | EA | 8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee | 45.96 | |
| 02 83 19 13-0010 | EA | 5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee | 60.67 | |
| 02 83 19 13-0011 | EA | 3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee | 91.93 | |
| 02 83 19 13-0012 | EA | 5 Day Turnaround Lead Wipe Samples And Lab Fee | 10.11 | |
| 02 83 19 13-0013 | EA | 24 Hour Turnaround Lead Wipe Samples And Lab Fee | 13.79 | |
| 02 83 19 13-0014 | EA | 8 Hour Turnaround Lead Wipe Samples And Lab Fee | 20.22 | |
| 02 83 19 13-0015 | EA | 5 Day Turnaround Lead Air Samples And Lab Fee | 10.11 | |
| 02 83 19 13-0016 | EA | 24 Hour Turnaround Lead Air Samples And Lab Fee | 13.79 | |
| 02 83 19 13-0017 | EA | 8 Hour Turnaround Lead Air Samples And Lab Fee | 20.22 | |
| 02 83 19 13-0018 | EA | 5 Day Turnaround Lead Water Test and Lab Fee | 36.77 | |
| 02 83 19 13-0019 | EA | 24 Hour Turnaround Lead Water Test and Lab Fee | 55.16 | |
| 02 83 19 13-0020 | EA | 8 Hour Turnaround Lead Water Test and Lab Fee | 73.54 | |
| 02 83 19 13-0021 | EA | 5 Day Turnaround Lead Paint Chip Test and Lab Fee | 38.03 | |
| 02 83 19 13-0022 | EA | 5 Day Turnaround Lead Soil Test and Lab Fee | 76.06 | |

## 02 83 19 13-0023 Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)*

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

| | | | | |
|---|---|---|---|---|
| 02 83 19 13-0024 | SF | Balustrades, Chemical Stripping Of Lead Contaminated Material | 26.15 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.53* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.42* | |
| 02 83 19 13-0025 | SF | Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material | 38.68 | |
| | | *For 0.025" (25 mil) Application, Add* | *2.15* | |
| | | *For 0.03" (30 mil) Application, Add* | *3.36* | |
| 02 83 19 13-0026 | LF | Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material | 11.28 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.70* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.13* | |
| | | *For 0.125" (125 mil) Application, Add* | *6.78* | |
| 02 83 19 13-0027 | LF | >6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material | 22.88 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.28* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.00* | |
| | | *For 0.125" (125 mil) Application, Add* | *9.68* | |
| 02 83 19 13-0028 | SF | Cornice, Chemical Stripping Of Lead Contaminated Material | 12.32 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.83* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.39* | |
| 02 83 19 13-0029 | SF | Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material | 34.50 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.94* | |
| | | *For 0.03" (30 mil) Application, Add* | *3.05* | |
| 02 83 19 13-0030 | SF | Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material | 7.64 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.56* | |
| | | *For 0.03" (30 mil) Application, Add* | *0.95* | |
| | | *For 0.125" (125 mil) Application, Add* | *7.19* | |
| 02 83 19 13-0031 | SF | Cabinets, Chemical Stripping Of Lead Contaminated Material | 21.86 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.27* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.01* | |
| 02 83 19 13-0032 | SF | Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material | 27.81 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.57* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.46* | |
| 02 83 19 13-0033 | SF | Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material | 10.48 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.70* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.16* | |
| 02 83 19 13-0034 | SF | Columns, Chemical Stripping Of Lead Contaminated Material | 10.11 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.72* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.22* | |
| | | *For 0.125" (125 mil) Application, Add* | *9.07* | |
| 02 83 19 13-0035 | SF | Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material | 8.90 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.62* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.04* | |
| 02 83 19 13-0036 | SF | Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material | 9.27 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.64* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.07* | |
| 02 83 19 13-0037 | SF | Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated | 16.00 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.02* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.66* | |
| 02 83 19 13-0038 | EA | Electrical Devices, Chemical Stripping Of Lead Contaminated Material | 45.47 | |
| | | *For 0.025" (25 mil) Application, Add* | *2.62* | |
| | | *For 0.03" (30 mil) Application, Add* | *4.15* | |
| 02 83 19 13-0039 | LF | Door Frames, Chemical Stripping Of Lead Contaminated Material | 11.37 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.74* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.23* | |
| 02 83 19 13-0040 | SF | Wood Floors, Chemical Stripping Of Lead Contaminated Material | 6.33 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.49* | |
| | | *For 0.03" (30 mil) Application, Add* | *0.85* | |
| 02 83 19 13-0041 | SF | HVAC Grilles, Chemical Stripping Of Lead Contaminated Material | 23.35 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.34* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 83 19 13-0042 | SF | HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material | 27.81 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.57* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.46* | |
| 02 83 19 13-0043 | EA | Hinges, Chemical Stripping Of Lead Contaminated Material | 14.78 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.00* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.67* | |
| 02 83 19 13-0044 | EA | Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material | 18.14 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.17* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.92* | |
| | | *For 0.125" (125 mil) Application, Add* | *12.40* | |
| 02 83 19 13-0045 | LF | Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material | 5.13 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.39* | |
| | | *For 0.03" (30 mil) Application, Add* | *0.67* | |
| | | *For 0.125" (125 mil) Application, Add* | *5.24* | |
| 02 83 19 13-0046 | LF | >2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material | 8.15 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.54* | |
| | | *For 0.03" (30 mil) Application, Add* | *0.89* | |
| | | *For 0.125" (125 mil) Application, Add* | *6.00* | |
| 02 83 19 13-0047 | LF | >4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material | 14.56 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.95* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.56* | |
| | | *For 0.125" (125 mil) Application, Add* | *10.18* | |
| 02 83 19 13-0048 | LF | >8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material | 19.91 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.26* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.05* | |
| | | *For 0.125" (125 mil) Application, Add* | *12.84* | |
| 02 83 19 13-0049 | LF | >12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material | 35.63 | |
| | | *For 0.025" (25 mil) Application, Add* | *2.18* | |
| | | *For 0.03" (30 mil) Application, Add* | *3.51* | |
| | | *For 0.125" (125 mil) Application, Add* | *20.73* | |
| 02 83 19 13-0050 | SF | >16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area | 10.62 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.63* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.00* | |
| | | *For 0.125" (125 mil) Application, Add* | *5.48* | |
| 02 83 19 13-0051 | EA | Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material | 210.59 | |
| | | *For 0.025" (25 mil) Application, Add* | *11.80* | |
| | | *For 0.03" (30 mil) Application, Add* | *18.49* | |
| 02 83 19 13-0052 | SF | Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material | 15.14 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.25* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.18* | |
| 02 83 19 13-0053 | SF | Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material | 16.53 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.32* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.29* | |
| 02 83 19 13-0054 | SF | Siding, Chemical Stripping Of Lead Contaminated Material | 8.58 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.65* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.11* | |
| | | *For 0.125" (125 mil) Application, Add* | *8.69* | |
| 02 83 19 13-0055 | SF | Soffit, Chemical Stripping Of Lead Contaminated Material | 17.71 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.06* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.70* | |
| | | *For 0.125" (125 mil) Application, Add* | *9.71* | |
| 02 83 19 13-0056 | SF | Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material | 8.24 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.59* | |
| | | *For 0.03" (30 mil) Application, Add* | *0.99* | |
| | | *For 0.125" (125 mil) Application, Add* | *7.34* | |
| 02 83 19 13-0057 | SF | Corrugated Steel, Chemical Stripping Of Lead Contaminated Material | 9.34 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.64* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.07* | |
| | | *For 0.125" (125 mil) Application, Add* | *7.62* | |
| 02 83 19 13-0058 | SF | Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material | 9.31 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.64* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.07* | |
| | | *For 0.125" (125 mil) Application, Add* | *7.61* | |
| 02 83 19 13-0059 | SF | Steel Trusses, Chemical Stripping Of Lead Contaminated Material | 13.12 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.83* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.36* | |
| | | *For 0.125" (125 mil) Application, Add* | *8.56* | |
| 02 83 19 13-0060 | SF | Wood Surfaces, Chemical Stripping Of Lead Contaminated Material | 9.31 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.64* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.07* | |
| | | *For 0.125" (125 mil) Application, Add* | *7.61* | |
| 02 83 19 13-0061 | SF | Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material | 21.22 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.24* | |
| | | *For 0.03" (30 mil) Application, Add* | *1.97* | |
| 02 83 19 13-0062 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material | 23.21 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.34* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.11* | |
| 02 83 19 13-0063 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material | 24.55 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.40* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.22* | |
| 02 83 19 13-0064 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material | 25.91 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.47* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 83 19 13-0065 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material | 27.25 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.54* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.42* | |
| 02 83 19 13-0066 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material | 28.65 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.61* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.52* | |
| 02 83 19 13-0067 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material | 29.96 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.67* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.62* | |
| 02 83 19 13-0068 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material | 30.63 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.71* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.67* | |
| 02 83 19 13-0069 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material | 31.32 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.74* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.72* | |
| 02 83 19 13-0070 | SF | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material | 31.97 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.77* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.77* | |
| 02 83 19 13-0071 | SF | Metal Stairs, Chemical Stripping Of Lead Contaminated Material | 42.36 | |
| | | *For 0.025" (25 mil) Application, Add* | *2.47* | |
| | | *For 0.03" (30 mil) Application, Add* | *3.92* | |
| | | *For 0.125" (125 mil) Application, Add* | *21.09* | |
| 02 83 19 13-0072 | LF | Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material | 7.42 | |
| | | *For 0.025" (25 mil) Application, Add* | *0.50* | |
| | | *For 0.03" (30 mil) Application, Add* | *0.84* | |
| | | *For 0.125" (125 mil) Application, Add* | *5.82* | |
| 02 83 19 13-0073 | SF | Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material<br>Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing. | 21.62 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.34* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.18* | |
| | | *For 0.125" (125 mil) Application, Add* | *13.27* | |
| 02 83 19 13-0074 | SF | Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material | 23.56 | |
| | | *For 0.025" (25 mil) Application, Add* | *1.40* | |
| | | *For 0.03" (30 mil) Application, Add* | *2.23* | |
| | | *For 0.125" (125 mil) Application, Add* | *12.43* | |

## 02 83 19 13-0075 Demolish Lead Contaminated Material *(02 83 19 13)*

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

| | | | | |
|---|---|---|---|---|
| 02 83 19 13-0076 | SF | Demolish Ceiling Suspension System, Lead Contaminated Material | | 1.84 |
| 02 83 19 13-0077 | SF | Demolish Plaster Or Stucco, And Lath, Lead Contaminated Material | | 2.68 |
| 02 83 19 13-0078 | SF | Demolish Walls, Gypsum Board, Lead Contaminated Material | | 0.86 |
| 02 83 19 13-0079 | SF | Demolish Suspended Ceiling System And Tile, Lead Contaminated Material | | 1.07 |
| 02 83 19 13-0080 | SF | Demolish Acoustical Ceiling Tile, Lead Contaminated Material | | 0.68 |
| 02 83 19 13-0081 | SF | Demolish Metal Pan Grid System, Lead Contaminated Material | | 1.07 |
| 02 83 19 13-0082 | EA | Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material | | 51.52 |
| 02 83 19 13-0083 | EA | Demolish >2' x 4' Light Fixtures, Lead Contaminated Material | | 68.35 |
| 02 83 19 13-0084 | SF | Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material | | 7.63 |
| 02 83 19 13-0085 | SF | Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material | | 4.27 |
| 02 83 19 13-0086 | SF | Demolish Brick, Lead Contaminated Material | | 3.22 |
| 02 83 19 13-0087 | SF | Demolish Concrete Block, Lead Contaminated Material | | 4.15 |
| 02 83 19 13-0088 | SF | Demolish Tile, Lead Contaminated Material | | 3.12 |
| 02 83 19 13-0089 | SF | Demolish Up To 6" Concrete, Lead Contaminated Material | | 4.69 |
| 02 83 19 13-0090 | IN | Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth | | 3.67 |
| 02 83 19 13-0091 | IN | Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth | | 4.90 |
| 02 83 19 13-0092 | LF | Demolish Wood Balustrades And Railings, Lead Contaminated Material | | 5.34 |
| 02 83 19 13-0093 | LF | Demolish Up To 6" Wide Baseboard, Lead Contaminated Material | | 1.39 |
| 02 83 19 13-0094 | LF | Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material | | 1.74 |
| 02 83 19 13-0095 | LF | Demolish Base Shoe Molding, Lead Contaminated Material | | 1.13 |
| 02 83 19 13-0096 | SF | Demolish Concrete, Lead Contaminated Material | | 10.63 |
| 02 83 19 13-0097 | LF | Demolish Cabinets, Lead Contaminated Material | | 24.75 |
| 02 83 19 13-0098 | SF | Demolish Ceilings, Gypsum Board, Lead Contaminated Material | | 1.40 |
| 02 83 19 13-0099 | SF | Demolish Up To 12" Diameter Columns, Lead Contaminated Material | | 13.71 |
| 02 83 19 13-0100 | SF | Demolish Cornice, Lead Contaminated Material | | 1.82 |
| 02 83 19 13-0101 | EA | Demolish Doors, Lead Contaminated Material | | 53.70 |
| 02 83 19 13-0102 | LF | Demolish Door And Window Trim Or Frames, Lead Contaminated Material | | 1.63 |
| 02 83 19 13-0103 | EA | Demolish Electrical Devices, Lead Contaminated Material | | 16.47 |
| 02 83 19 13-0104 | LF | Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material | | 2.11 |
| 02 83 19 13-0105 | LF | Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material | | 3.52 |
| 02 83 19 13-0106 | SF | Demolish Wood Floors, Lead Contaminated Material | | 2.54 |
| 02 83 19 13-0107 | SF | Demolish Grilles, Lead Contaminated Material | | 2.98 |
| 02 83 19 13-0108 | EA | Demolish Hinges, Lead Contaminated Material | | 5.99 |
| 02 83 19 13-0109 | EA | Demolish Up To 6" Diameter Hangers, Lead Contaminated Material | | 12.87 |
| 02 83 19 13-0110 | LF | Demolish Up To 2" Diameter Pipes, Lead Contaminated Material | | 5.28 |
| 02 83 19 13-0111 | LF | Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material | | 7.70 |
| 02 83 19 13-0112 | LF | Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material | | 11.63 |
| 02 83 19 13-0113 | LF | Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material | | 21.46 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 83 19 13-0114 | EA | Demolish Radiators, Lead Contaminated Material | 92.69 | |
| 02 83 19 13-0115 | EA | Demolish Shutters, Lead Contaminated Material | 36.12 | |
| 02 83 19 13-0116 | SF | Demolish Siding, Lead Contaminated Material | 1.43 | |
| 02 83 19 13-0117 | SF | Demolish Soffit, Lead Contaminated Material | 1.22 | |
| 02 83 19 13-0118 | SF | Demolish Flat Steel Surfaces, Lead Contaminated Material | 3.34 | |
| 02 83 19 13-0119 | SF | Demolish Steel Beams, Lead Contaminated Material | 3.93 | |
| 02 83 19 13-0120 | SF | Demolish Trusses, Lead Contaminated Material | 5.15 | |
| 02 83 19 13-0121 | SF | Demolish Walls, Wood, Lead Contaminated Material | 3.81 | |
| 02 83 19 13-0122 | SF | Demolish Windows, Lead Contaminated Material | 12.82 | |
| 02 83 19 13-0123 | SF | Demolish Metal Stair, Lead Contaminated Material | 6.14 | |
| 02 83 19 13-0124 | LF | Demolish Single Metal Hand Rail, Lead Contaminated Material | 4.51 | |
| 02 83 19 13-0125 | LF | Demolish Metal Railing And Posts, Lead Contaminated Material | 7.36 | |
| 02 83 19 13-0126 | SF | Demolish Metal Picket Fence, Lead Contaminated Material | 2.02 | |
| 02 83 19 13-0127 | SF | Demolish Plywood, Lead Contaminated Material | 5.54 | |
| 02 83 19 13-0128 | SF | Demolish Planks (Various Sizes), Lead Contaminated Material | 2.70 | |
| 02 83 19 13-0129 | EA | Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material | 16.92 | |
| 02 83 19 13-0130 | SF | Demolish Ceramic Tile Block, Lead Contaminated Material | 3.69 | |
| 02 83 19 13-0131 | LF | Demolish Metal Guard Rails, Lead Contaminated Material | 10.15 | |

02 83 19 13-0132 Wet Sanding/Scraping Of Lead Contaminated Material *(02 83 19 13)*

Note: Remove loose, flaking lead-based paint to prepare for painting

| | | | | |
|---|---|---|---|---|
| 02 83 19 13-0133 | SF | Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting | 2.58 | |

02 83 19 13-0134 Lead Abatement Encapsulation *(02 83 19 13)*

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

| | | | | |
|---|---|---|---|---|
| 02 83 19 13-0135 | SF | Balustrades, Lead Abatement Encapsulation | 4.79 | |
| 02 83 19 13-0136 | LF | Up To 6" Wide, Baseboard, Lead Abatement Encapsulation | 4.67 | |
| 02 83 19 13-0137 | LF | >6" To 12" Wide, Baseboard, Lead Abatement Encapsulation | 6.37 | |
| 02 83 19 13-0138 | SF | Brick, Concrete Block, Concrete, Lead Abatement Encapsulation | 3.11 | |
| 02 83 19 13-0139 | SF | Ornate Cabinets, Lead Abatement Encapsulation | 6.88 | |
| 02 83 19 13-0140 | SF | Simple Design Cabinets, Lead Abatement Encapsulation | 5.62 | |
| 02 83 19 13-0141 | SF | Drywall Ceilings, Lead Abatement Encapsulation | 2.00 | |
| 02 83 19 13-0142 | SF | Wood Ceilings, Lead Abatement Encapsulation | 2.40 | |
| 02 83 19 13-0143 | SF | Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation | 2.23 | |
| 02 83 19 13-0144 | SF | Columns, Lead Abatement Encapsulation | 3.74 | |
| 02 83 19 13-0145 | SF | Doors, Lead Abatement Encapsulation | 7.04 | |
| 02 83 19 13-0146 | LF | Up To 2" Electrical Conduit, Lead Abatement Encapsulation | 3.11 | |
| 02 83 19 13-0147 | SF | Picket Fence (Brush), Lead Abatement Encapsulation | 2.29 | |
| 02 83 19 13-0148 | SF | Wood Floors (Roller), Lead Abatement Encapsulation | 1.93 | |
| 02 83 19 13-0149 | SF | Grilles, Vents, Lead Abatement Encapsulation | 5.16 | |
| 02 83 19 13-0150 | LF | Gutters And Downspouts, Lead Abatement Encapsulation | 4.79 | |
| 02 83 19 13-0151 | EA | Hangers, Lead Abatement Encapsulation | 39.97 | |
| 02 83 19 13-0152 | LF | Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation | 2.91 | |
| 02 83 19 13-0153 | LF | >4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation | 4.25 | |
| 02 83 19 13-0154 | LF | >8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation | 6.63 | |
| 02 83 19 13-0155 | LF | >12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation | 9.79 | |
| 02 83 19 13-0156 | EA | Radiators, Lead Abatement Encapsulation | 106.20 | |
| 02 83 19 13-0157 | EA | Up To 6' Shutters, Lead Abatement Encapsulation | 149.91 | |
| 02 83 19 13-0158 | SF | Siding, Lead Abatement Encapsulation | 2.70 | |
| 02 83 19 13-0159 | SF | Up To 12" Soffit, Lead Abatement Encapsulation | 3.74 | |
| 02 83 19 13-0160 | SF | Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation | 3.11 | |
| 02 83 19 13-0161 | SF | Steel Beams And Metal Decks, Lead Abatement Encapsulation | 4.04 | |
| 02 83 19 13-0162 | SF | Trusses, Lead Abatement Encapsulation | 4.04 | |
| 02 83 19 13-0163 | SF | Drywall Walls, Lead Abatement Encapsulation | 1.77 | |
| 02 83 19 13-0164 | SF | Wood Walls, Lead Abatement Encapsulation | 2.17 | |
| 02 83 19 13-0165 | EA | Window Without Grille, Lead Abatement Encapsulation | 90.44 | |
| 02 83 19 13-0166 | EA | Window With Grille, Lead Abatement Encapsulation | 116.00 | |
| 02 83 19 13-0167 | LF | Wood Door Frames And Trim, Lead Abatement Encapsulation | 2.70 | |
| 02 83 19 13-0168 | LF | Steel Lintels, Lead Abatement Encapsulation | 3.12 | |

## 02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

### 02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*

| | | | | |
|---|---|---|---|---|
| 02 83 33 13-0002 | SF | High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent | 0.22 | |
| 02 83 33 13-0003 | SF | High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate | 0.24 | |
| 02 83 33 13-0004 | SF | High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting | 1.07 | |

# 02 84 Polychlorinated Biphenyl Remediation *(02 80)*

## 02 84 16 Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury *(02 84)*

02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)*

Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 84 16 00-0002 | EA | Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling | 8.82 | |
| 02 84 16 00-0003 | | Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)* Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal. | | |
| 02 84 16 00-0004 | EA | Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures | 1.53 | |
| 02 84 16 00-0005 | EA | Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures | 2.30 | |
| 02 84 16 00-0006 | EA | Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures | 7.16 | |
| 02 84 16 00-0007 | EA | Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures | 16.35 | |
| 02 84 16 00-0008 | | Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)* Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal. | | |
| 02 84 16 00-0009 | EA | Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures | 3.83 | |
| 02 84 16 00-0010 | EA | Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures | 5.75 | |
| 02 84 16 00-0011 | EA | Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures | 10.73 | |
| 02 84 16 00-0012 | EA | Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures | 24.53 | |
| **02 84 33** | | **Removal and Disposal of Polychlorinated Biphenyls** *(02 84)* | | |
| 02 84 33 00-0001 | | Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers *(02 84 33)* Note: Includes disposal in approved container, rigging, manifesting, hauling, etc. | | |
| 02 84 33 00-0002 | EA | Removal And Disposal Of Transformers 2.5/3.5 KVA, Non Polychlorinated Biphenyl (PCB) Note: Includes disposal costs. | 2,194.31 | |
| 02 84 33 00-0003 | EA | Removal And Disposal Of Transformers 20 KVA, Non Polychlorinated Biphenyl (PCB) Note: Includes disposal costs. | 3,410.36 | |
| 02 84 33 00-0004 | EA | Removal And Disposal Of Switch, Non Polychlorinated Biphenyl (PCB) | 1,030.71 | |
| 02 84 33 00-0005 | EA | Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs. | 4,011.74 | |
| 02 84 33 00-0006 | EA | Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB) | 1,762.20 | |
| 02 84 33 00-0007 | EA | Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs. | 6,267.95 | |
| 02 87 | | Bio-Hazard Material Remediation *(02 80)* | | |
| **02 87 13** | | **Mold Remediation** *(02 87)* Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0029 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers. | | |
| **02 87 13 33** | | **Removal and Disposal of Materials with Mold** *(02 87 13)* | | |
| 02 87 13 33-0001 | | Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)* Note: Treat fittings as additional lf of insulation. | | |
| 02 87 13 33-0002 | | Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0001)* Note: Diameter is outer size of insulation. | | |
| 02 87 13 33-0003 | | Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)* Note: Excludes encased fittings. | | |
| 02 87 13 33-0004 | SET | Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal | 651.93 | |
| 02 87 13 33-0005 | LF | >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal | 25.43 | |
| 02 87 13 33-0006 | LF | >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal | 19.31 | |
| 02 87 13 33-0007 | LF | >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal | 14.72 | |
| 02 87 13 33-0008 | LF | >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal | 11.28 | |
| 02 87 13 33-0009 | LF | >10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal | 9.94 | |
| 02 87 13 33-0010 | | >6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)* | | |
| 02 87 13 33-0011 | SET | Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal | 709.38 | |
| 02 87 13 33-0012 | LF | >20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal | 31.97 | |
| 02 87 13 33-0013 | LF | >250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal | 24.94 | |
| 02 87 13 33-0014 | LF | >500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal | 19.66 | |
| 02 87 13 33-0015 | LF | >2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal | 15.70 | |
| 02 87 13 33-0016 | LF | >10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal | 14.15 | |
| 02 87 13 33-0017 | | Thermal Insulation, Mold Abatement And Disposal *(02 87 13 33)* | | |
| 02 87 13 33-0018 | | Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 87 13 33-0017)* | | |
| 02 87 13 33-0019 | SET | Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal | 680.65 | |
| 02 87 13 33-0020 | SF | >50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal | 15.02 | |
| 02 87 13 33-0021 | SF | >500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal | 11.51 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 87 13 33-0022 | SF | >2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal | 8.87 | |
| 02 87 13 33-0023 | SF | >10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal | 7.02 | |
| 02 87 13 33-0024 | | Surfacing Material, Mold Abatement And Disposal *(02 87 13 33)* | | |
| | | Note: e.g. fireproofing, acoustical plaster, etc. | | |
| 02 87 13 33-0025 | | Stucco, Mold Abatement And Disposal *(02 87 13 33-0024)* | | |
| | | Note: Remove surface coat from brown coat or remove entire assembly, including lath. | | |
| 02 87 13 33-0026 | SET | Up To 50 SF, Stucco, Mold Abatement And Disposal | 664.70 | |
| 02 87 13 33-0027 | SF | >50 To 500 SF, Stucco, Mold Abatement And Disposal | 14.70 | |
| 02 87 13 33-0028 | SF | >500 To 2,500 SF, Stucco, Mold Abatement And Disposal | 11.19 | |
| 02 87 13 33-0029 | SF | >2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal | 8.55 | |
| 02 87 13 33-0030 | SF | >10,000 SF, Stucco, Mold Abatement And Disposal | 6.59 | |
| 02 87 13 33-0031 | | Acoustical Plaster, Mold Abatement And Disposal *(02 87 13 33-0024)* | | |
| | | Note: Remove surface coat from brown coat or remove entire assembly, including lath. | | |
| 02 87 13 33-0032 | SET | Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal | 664.70 | |
| 02 87 13 33-0033 | SF | >50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal | 14.70 | |
| 02 87 13 33-0034 | SF | >500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal | 11.19 | |
| 02 87 13 33-0035 | SF | >2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal | 8.55 | |
| 02 87 13 33-0036 | SF | >10,000 SF, Acoustical Plaster, Mold Abatement And Disposal | 6.59 | |
| 02 87 13 33-0037 | | Gypsum Board, Mold Abatement And Disposal *(02 87 13 33-0024)* | | |
| 02 87 13 33-0038 | SET | Up To 100 SF, Gypsum Board, Mold Abatement And Disposal | 696.62 | |
| 02 87 13 33-0039 | SF | >100 To 500 SF, Gypsum Board, Mold Abatement And Disposal | 5.19 | |
| 02 87 13 33-0040 | SF | >500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal | 4.20 | |
| 02 87 13 33-0041 | SF | >2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal | 3.41 | |
| 02 87 13 33-0042 | SF | >10,000 SF, Gypsum Board, Mold Abatement And Disposal | 2.62 | |
| 02 87 13 33-0043 | | Fireproofing, Mold Abatement And Disposal *(02 87 13 33-0024)* | | |
| | | Note: Exposed surface area, includes associated overspray. | | |
| 02 87 13 33-0044 | SET | Up To 50 SF, Fireproofing, Mold Abatement And Disposal | 680.65 | |
| 02 87 13 33-0045 | SF | >50 To 500 SF, Fireproofing, Mold Abatement And Disposal | 20.34 | |
| 02 87 13 33-0046 | SF | >500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal | 15.51 | |
| 02 87 13 33-0047 | SF | >2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal | 11.88 | |
| 02 87 13 33-0048 | SF | >10,000 SF, Fireproofing, Mold Abatement And Disposal | 9.15 | |
| 02 87 13 33-0049 | | Flooring, Mold Abatement And Disposal *(02 87 13 33)* | | |
| | | Note: Includes cove base. | | |
| 02 87 13 33-0050 | | Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0049)* | | |
| 02 87 13 33-0051 | | Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0050)* | | |
| | | Note: Single layer or first of multiple layers. | | |
| 02 87 13 33-0052 | SET | Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal | 696.62 | |
| 02 87 13 33-0053 | SF | >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal | 5.16 | |
| | | *For Each Additional Layer, Add* | *1.29* | |
| 02 87 13 33-0054 | SF | >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal | 3.07 | |
| | | *For Each Additional Layer, Add* | *0.77* | |
| 02 87 13 33-0055 | SF | >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal | 1.96 | |
| | | *For Each Additional Layer, Add* | *0.49* | |
| 02 87 13 33-0056 | SF | >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal | 1.61 | |
| | | *For Each Additional Layer, Add* | *0.40* | |
| 02 87 13 33-0057 | | Carpet, Mold Abatement And Disposal *(02 87 13 33-0049)* | | |
| 02 87 13 33-0058 | | Carpet, Glue Down, Mold Abatement And Disposal *(02 87 13 33-0057)* | | |
| 02 87 13 33-0059 | SET | Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal | 696.62 | |
| 02 87 13 33-0060 | SF | >100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal | 4.36 | |
| 02 87 13 33-0061 | SF | >500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal | 2.90 | |
| 02 87 13 33-0062 | SF | >2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal | 2.08 | |
| 02 87 13 33-0063 | SF | >10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal | 1.69 | |
| 02 87 13 33-0064 | | Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 87 13 33-0057)* | | |
| 02 87 13 33-0065 | SET | Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal | 696.62 | |
| | | Note: Includes tack strips. | | |
| 02 87 13 33-0066 | SF | >100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal | 4.86 | |
| | | Note: Includes tack strips. | | |
| 02 87 13 33-0067 | SF | >500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal | 3.66 | |
| | | Note: Includes tack strips. | | |
| 02 87 13 33-0068 | SF | >2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal | 2.98 | |
| | | Note: Includes tack strips. | | |
| 02 87 13 33-0069 | SF | >10,000 SF, Carpet And Pad, Mold Abatement And Disposal | 2.39 | |
| | | Note: Includes tack strips. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **02 87 13 33-0070** | | **Subflooring, Mold Abatement And Disposal** *(02 87 13 33-0049)* | | |
| 02 87 13 33-0071 | SET | Up To 75 SF, Subflooring, Mold Abatement And Disposal | 680.65 | |
| 02 87 13 33-0072 | SF | >75 To 500 SF, Subflooring, Mold Abatement And Disposal | 5.87 | |
| 02 87 13 33-0073 | SF | >500 To 2,500 SF, Subflooring, Mold Abatement And Disposal | 3.91 | |
| 02 87 13 33-0074 | SF | >2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal | 2.53 | |
| 02 87 13 33-0075 | SF | >10,000 SF, Subflooring, Mold Abatement And Disposal | 1.77 | |
| **02 87 13 33-0076** | | **Siding, Mold Abatement And Disposal** *(02 87 13 33)* | | |
| **02 87 13 33-0077** | | **Interior Paneling, Mold Abatement And Disposal** *(02 87 13 33-0076)* | | |
| | | Note: Includes detachment of mounted objects before removal. | | |
| 02 87 13 33-0078 | SET | Up To 100 SF, Interior Paneling, Mold Abatement And Disposal | 696.62 | |
| | | Note: Includes detachment of mounted objects before removal. | | |
| 02 87 13 33-0079 | SF | >100 To 500 SF, Interior Paneling, Mold Abatement And Disposal | 5.14 | |
| | | Note: Includes detachment of mounted objects before removal. | | |
| 02 87 13 33-0080 | SF | >500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal | 3.74 | |
| | | Note: Includes detachment of mounted objects before removal. | | |
| 02 87 13 33-0081 | SF | >2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal | 2.36 | |
| | | Note: Includes detachment of mounted objects before removal. | | |
| 02 87 13 33-0082 | SF | >10,000 SF, Interior Paneling, Mold Abatement And Disposal | 1.91 | |
| | | Note: Includes detachment of mounted objects before removal. | | |
| **02 87 13 33-0083** | | **Exterior Siding, Mold Abatement And Disposal** *(02 87 13 33-0076)* | | |
| 02 87 13 33-0084 | SET | Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal | 696.62 | |
| 02 87 13 33-0085 | SF | >100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal | 6.29 | |
| 02 87 13 33-0086 | SF | >500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal | 4.50 | |
| 02 87 13 33-0087 | SF | >2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal | 3.17 | |
| 02 87 13 33-0088 | SF | >10,000 SF, Exterior Siding Board, Mold Abatement And Disposal | 2.90 | |
| **02 87 13 33-0089** | | **Contaminated Debris, Mold Abatement And Disposal** *(02 87 13 33)* | | |
| **02 87 13 33-0090** | | **Contaminated Debris, Mold Abatement And Disposal** *(02 87 13 33-0089)* | | |
| 02 87 13 33-0091 | SET | Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal | 709.38 | |
| 02 87 13 33-0092 | CF | >20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal | 25.72 | |
| 02 87 13 33-0093 | CF | >100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal | 18.42 | |
| 02 87 13 33-0094 | CF | >250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal | 14.77 | |
| 02 87 13 33-0095 | CF | >500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal | 12.58 | |
| 02 87 13 33-0096 | CF | >2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal | 8.61 | |
| 02 87 13 33-0097 | CF | >10,000 CF, Contaminated Debris, Mold Abatement And Disposal | 8.13 | |
| **02 87 13 33-0098** | | **Other Mold Containing Materials, Mold Abatement And Disposal** *(02 87 13 33)* | | |
| **02 87 13 33-0099** | | **Wood Studs, Mold Abatement And Disposal** *(02 87 13 33-0098)* | | |
| | | Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material. | | |
| 02 87 13 33-0100 | SET | Up To 100 LF, Wood Studs, Mold Abatement And Disposal | 348.29 | |
| 02 87 13 33-0101 | LF | >100 To 500 LF, Wood Studs, Mold Abatement And Disposal | 2.86 | |
| 02 87 13 33-0102 | LF | >500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal | 2.19 | |
| 02 87 13 33-0103 | LF | >2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal | 1.76 | |
| 02 87 13 33-0104 | LF | >10,000 LF, Wood Studs, Mold Abatement And Disposal | 1.38 | |
| **02 87 13 33-0105** | | **Ceiling Tile, Mold Abatement And Disposal** *(02 87 13 33-0098)* | | |
| | | Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'. | | |
| 02 87 13 33-0106 | SET | Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal | 696.62 | |
| 02 87 13 33-0107 | SF | >100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal | 8.55 | |
| 02 87 13 33-0108 | SF | >1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal | 4.25 | |
| 02 87 13 33-0109 | SF | >2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal | 3.17 | |
| 02 87 13 33-0110 | SF | >10,000 SF, Ceiling Tile, Mold Abatement And Disposal | 2.90 | |
| **02 87 13 33-0111** | | **Caulking, Mold Abatement And Disposal** *(02 87 13 33-0098)* | | |
| 02 87 13 33-0112 | SET | Up To 20 LF, Caulking, Mold Abatement And Disposal | 159.25 | |
| 02 87 13 33-0113 | LF | >20 To 50 LF, Caulking, Mold Abatement And Disposal | 3.22 | |
| 02 87 13 33-0114 | LF | >50 To 100 LF, Caulking, Mold Abatement And Disposal | 2.31 | |
| 02 87 13 33-0115 | LF | >100 To 250 LF, Caulking, Mold Abatement And Disposal | 1.76 | |
| 02 87 13 33-0116 | LF | >250 To 1,000 LF, Caulking, Mold Abatement And Disposal | 1.32 | |
| 02 87 13 33-0117 | LF | >1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal | 1.07 | |
| 02 87 13 33-0118 | LF | >2,500 LF, Caulking, Mold Abatement And Disposal | 0.93 | |
| **02 87 13 33-0119** | | **Wipe Down Walls, Ceilings And Floors** *(02 87 13 33-0098)* | | |
| 02 87 13 33-0120 | CSF | Wipe Down Floors With Mild Bleach Solution | 17.60 | |
| | | *For >25 To 50, Deduct* | *-1.76* | |
| | | *For >50 To 200, Deduct* | *-4.40* | |
| | | *For >200, Deduct* | *-7.03* | |
| 02 87 13 33-0121 | CSF | Wipe Down Walls With Mild Bleach Solution | 20.70 | |
| | | *For >25 To 50, Deduct* | *-2.07* | |
| | | *For >50 To 200, Deduct* | *-5.17* | |
| | | *For >200, Deduct* | *-8.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 87 13 33-0122 | CSF | Wipe Down Ceilings With Mild Bleach Solution | 23.55 | |
| | | *For >25 To 50, Deduct* | *-2.35* | |
| | | *For >50 To 200, Deduct* | *-5.88* | |
| | | *For >200, Deduct* | *-9.41* | |
| 02 87 13 33-0123 | CSF | Wipe Down Countertops With Mild Bleach Solution | 19.19 | |
| | | *For >25 To 50, Deduct* | *-1.92* | |
| 02 87 13 33-0124 | CSF | Wipe Down Other Surfaces With Mild Bleach Solution | 24.36 | |
| | | *For >25 To 50, Deduct* | *-2.43* | |
| | | *For >50 To 200, Deduct* | *-6.09* | |
| | | *For >200, Deduct* | *-9.74* | |

## 02 87 16 Excrement Removal *(02 87)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

### 02 87 16 13 Bird Excrement Removal *(02 87 16)*

#### 02 87 16 13-0001 Bird Waste Removal *(02 87 16 13)*

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

| | | | | |
|---|---|---|---|---|
| 02 87 16 13-0002 | EA | Up To 10 SF Bird Waste Removal, Up To 3" Thickness | 632.78 | |
| | | *For Work In Restricted Working Space, Add* | *189.83* | |
| 02 87 16 13-0003 | SF | >10 To 500 SF Bird Waste Removal, Up To 3" Thickness | 10.55 | |
| | | *For Work In Restricted Working Space, Add* | *3.17* | |
| 02 87 16 13-0004 | SF | >500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness | 9.59 | |
| | | *For Work In Restricted Working Space, Add* | *2.88* | |
| 02 87 16 13-0005 | SF | >2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness | 8.72 | |
| | | *For Work In Restricted Working Space, Add* | *2.62* | |
| 02 87 16 13-0006 | SF | >10,000 SF Bird Waste Removal, Up To 3" Thickness | 7.92 | |
| | | *For Work In Restricted Working Space, Add* | *2.38* | |

## 02 87 19 Bio-Hazard and Infectious Disease Control Remediation *(02 87)*

#### 02 87 19 00-0001 Temporary Barriers *(02 87 19)*

#### 02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*

Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0003 | EA | 4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000) | 904.04 | |
| 02 87 19 00-0004 | EA | 3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001) | 858.14 | |
| 02 87 19 00-0005 | EA | 2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002) | 674.56 | |
| 02 87 19 00-0006 | EA | 2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1) | 781.65 | |
| 02 87 19 00-0007 | EA | 6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005) | 413.77 | |
| 02 87 19 00-0008 | EA | 12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006) | 444.37 | |
| 02 87 19 00-0009 | EA | 3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010)<br>Note: Includes a hydraulic closer and a lever style lockset standard. | 1,385.96 | |
| 02 87 19 00-0010 | EA | 4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)<br>Note: Includes a hydraulic closer and a lever style lockset standard. | 1,538.95 | |
| 02 87 19 00-0011 | EA | 4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)<br>Note: Includes a hydraulic closer and a lever style lockset standard. | 1,844.93 | |
| 02 87 19 00-0012 | EA | 7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004) | 301.80 | |
| 02 87 19 00-0013 | EA | 7'-8" To 10' High, Outside Corner Post (Edge Guard 4007) | 248.25 | |
| 02 87 19 00-0014 | EA | 7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009) | 248.25 | |
| 02 87 19 00-0015 | EA | Closure Strips (Edge Guard 3003)<br>Note: To seal panels to existing walls | 16.37 | |
| 02 87 19 00-0016 | EA | Digital Differential Pressure Gauge Kit (Edge Guard 3005) | 425.41 | |

#### 02 87 19 00-0017 Temporary Sheeting For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*

Note: Includes removal and disposal in approved landfill after use.

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0018 | SF | 6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control | 0.47 | |
| 02 87 19 00-0019 | SF | 6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control | 0.61 | |
| 02 87 19 00-0020 | SF | 6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control | 0.82 | |
| 02 87 19 00-0021 | SF | 6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control | 0.57 | |
| 02 87 19 00-0022 | SF | 6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control | 0.71 | |
| 02 87 19 00-0023 | SF | 6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control | 0.92 | |

#### 02 87 19 00-0024 Temporary Floor Protection For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*

Note: Includes removal after use.

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0025 | SF | Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control | 1.80 | |
| 02 87 19 00-0026 | SF | 1/2" Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control | 2.26 | |
| 02 87 19 00-0027 | SF | 3/4" Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control | 2.89 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 87 19 00-0028 | | Temporary Stud Wall For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* | | |
| | | Note: Includes removal after use. | | |
| 02 87 19 00-0029 | SF | 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control | 5.95 | |
| 02 87 19 00-0030 | SF | 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control | 7.99 | |
| 02 87 19 00-0031 | SF | 5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control | 6.10 | |
| 02 87 19 00-0032 | SF | 5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control | 8.29 | |
| 02 87 19 00-0033 | SF | 6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control | 3.77 | |
| 02 87 19 00-0034 | | Isolation Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* | | |
| 02 87 19 00-0035 | GSF | Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control | 21.28 | |
| | | Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock. | | |
| 02 87 19 00-0036 | GSF | Relocate Tent Construction To Different Area | 2.34 | |
| 02 87 19 00-0037 | | Plexiglass Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* | | |
| 02 87 19 00-0038 | SF | 3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control | 19.27 | |
| 02 87 19 00-0039 | SF | 1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control | 23.02 | |
| 02 87 19 00-0040 | SF | 3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control | 32.77 | |
| 02 87 19 00-0041 | PR | Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control | 1,283.72 | |
| | | Note: Excludes gloves. | | |
| 02 87 19 00-0042 | PR | Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control | 460.49 | |
| | | Note: For installation in glove iris port. | | |
| 02 87 19 00-0043 | PR | Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control | 737.06 | |
| | | Note: For installation in glove iris port. | | |
| 02 87 19 00-0044 | EA | 5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease | 129.30 | |
| | | Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm). | | |
| 02 87 19 00-0045 | | Temporary Portable And Mobile Trailers *(02 87 19)* | | |
| 02 87 19 00-0046 | | Trailer Delivery *(02 87 19 00-0045)* | | |
| 02 87 19 00-0047 | EA | Deliver Trailer Within 25 Miles | 1,079.07 | |
| 02 87 19 00-0048 | | Portable And Mobile Trailers, Purchase *(02 87 19 00-0045)* | | |
| | | Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities. | | |
| 02 87 19 00-0049 | EA | 8' x 24' Mobile Trailer With Toilet, Purchase | 11,386.65 | |
| | | *For Tie-Downs, Add* | *113.29* | |
| 02 87 19 00-0050 | EA | 8' x 32' Mobile Trailer With Toilet, Purchase | 16,086.65 | |
| | | *For Tie-Downs, Add* | *113.29* | |
| 02 87 19 00-0051 | EA | 10' x 36' Mobile Trailer With Toilet, Purchase | 22,954.60 | |
| | | *For Tie-Downs, Add* | *113.29* | |
| 02 87 19 00-0052 | EA | 10' x 44' Mobile Trailer With Toilet, Purchase | 28,685.62 | |
| | | *For Tie-Downs, Add* | *113.29* | |
| 02 87 19 00-0053 | EA | 10' x 50' Mobile Trailer With Toilet, Purchase | 32,613.30 | |
| | | *For Tie-Downs, Add* | *113.29* | |
| 02 87 19 00-0054 | EA | 12' x 50' Mobile Trailer With Toilet, Purchase | 34,284.56 | |
| | | *For Tie-Downs, Add* | *113.29* | |
| 02 87 19 00-0055 | EA | 12' x 60' Mobile Trailer With Toilet, Purchase | 38,148.43 | |
| | | *For Tie-Downs, Add* | *113.29* | |
| 02 87 19 00-0056 | | Accessories For Portable And Mobile Trailers *(02 87 19 00-0045)* | | |
| 02 87 19 00-0057 | | Skirting *(02 87 19 00-0056)* | | |
| | | Note: Includes 2" x 4" wood framing 16" on center. | | |
| 02 87 19 00-0058 | SF | 1'-8" High Vinyl Covered Skirt | 4.45 | 1.48 |
| 02 87 19 00-0059 | SF | 3' High Vinyl Covered Skirt | 6.46 | 2.45 |
| 02 87 19 00-0060 | | Aluminum Modular Access Ramp *(02 87 19 00-0056)* | | |
| | | Note: Includes picketed guardrails, inside grabrails, legs and hardware. | | |
| 02 87 19 00-0061 | EA | Up To 35" High, Aluminum Modular Access Ramp | 3,303.98 | 28.36 |
| 02 87 19 00-0062 | | Aluminum Modular Stairs *(02 87 19 00-0056)* | | |
| | | Note: Excludes earthwork | | |
| 02 87 19 00-0063 | EA | Aluminum Steps For Mobile Trailers | 915.49 | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 87 19 00-0064 | | **Decontamination Chambers For Bio-Hazard And Infectious Disease Control** *(02 87 19)*<br>Note: Includes removal after use. | | |
| 02 87 19 00-0065 | EA | Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control<br>Note: Includes connection to negative air system. | 850.18 | |
| 02 87 19 00-0066 | EA | Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control<br>Note: Includes connection to negative air system. | 1,001.34 | |
| 02 87 19 00-0067 | EA | Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control<br>Note: Includes connection to negative air system. | 513.06 | |
| 02 87 19 00-0068 | | **Bio-Hazard And Infectious Disease Control Cleaning, Level 2** *(02 87 19)*<br>Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill. | | |
| 02 87 19 00-0069 | | **Bio-Hazard And Infectious Disease Control Cleaning Mobilization** *(02 87 19 00-0068)* | | |
| 02 87 19 00-0070 | EA | Bio-Hazard And Infectious Disease Control Mobilization And Set-Up<br>Note: Mobilization and set-up minimum for each site location. | 317.21 | |
| 02 87 19 00-0071 | | **Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces** *(02 87 19 00-0068)*<br>Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces | | |
| 02 87 19 00-0072 | CSF | Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 23.53 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *12.74* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-4.70* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *7.76* | |
| | | *For >25 To 50, Deduct* | *-2.35* | |
| | | *For >50 To 200, Deduct* | *-4.70* | |
| | | *For >200, Deduct* | *-7.05* | |
| 02 87 19 00-0073 | CSF | Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 27.67 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *12.74* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-5.53* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *9.12* | |
| | | *For >25 To 50, Deduct* | *-2.76* | |
| | | *For >50 To 200, Deduct* | *-5.53* | |
| | | *For >200, Deduct* | *-8.29* | |
| 02 87 19 00-0074 | CSF | Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 31.48 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *12.74* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-6.29* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *10.38* | |
| | | *For >25 To 50, Deduct* | *-3.15* | |
| | | *For >50 To 200, Deduct* | *-6.29* | |
| | | *For >200, Deduct* | *-9.44* | |
| 02 87 19 00-0075 | CSF | Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 25.67 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *12.74* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-5.13* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *8.46* | |
| | | *For >5 To 10, Deduct* | *-1.28* | |
| | | *For >10 To 50, Deduct* | *-2.56* | |
| | | *For >50, Deduct* | *-5.13* | |
| 02 87 19 00-0076 | CSF | Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 32.57 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *12.74* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-6.51* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *10.74* | |
| | | *For >25 To 50, Deduct* | *-3.25* | |
| | | *For >50 To 200, Deduct* | *-6.51* | |
| | | *For >200, Deduct* | *-9.76* | |
| 02 87 19 00-0077 | | **Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials** *(02 87 19 00-0068)*<br>Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect | | |
| 02 87 19 00-0078 | EA | Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 60.80 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *6.37* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-12.15* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *20.05* | |
| 02 87 19 00-0079 | EA | Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 27.90 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *4.25* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-5.57* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *9.20* | |
| 02 87 19 00-0080 | EA | Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 97.93 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *6.37* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-19.58* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *32.31* | |
| 02 87 19 00-0081 | EA | Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution | 6.05 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *1.27* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-1.20* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *1.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 87 19 00-0082 | EA | Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up | 90.28 | |
| | | Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers | | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *6.37* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-18.05* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *29.78* | |
| 02 87 19 00-0083 | EA | Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up | 9.66 | |
| | | *For Cleaning Surfaces With Goldshield® GS5, Add* | *1.27* | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-1.93* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *3.18* | |

## 02 87 19 00-0084 Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork *(02 87 19 00-0068)*

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0085 | LF | Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning | 3.55 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-0.70* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *1.16* | |
| 02 87 19 00-0086 | LF | >2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning | 4.46 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-0.88* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *1.46* | |
| 02 87 19 00-0087 | LF | >4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning | 5.98 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-1.18* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *1.94* | |
| 02 87 19 00-0088 | LF | >8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning | 8.47 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-1.65* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *2.73* | |
| 02 87 19 00-0089 | EA | Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning | 158.64 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-31.72* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *52.34* | |
| 02 87 19 00-0090 | SF | Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning | 11.05 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-2.20* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *3.64* | |
| 02 87 19 00-0091 | EA | Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning | 105.77 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-21.15* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *34.89* | |
| 02 87 19 00-0092 | EA | Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning | 317.24 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-63.44* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *104.68* | |
| 02 87 19 00-0093 | EA | Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning | 26.46 | |
| | | Note: Includes removal and reinstallation. | | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-5.29* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *8.72* | |
| 02 87 19 00-0094 | SF | Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning | 0.49 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-0.09* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *0.14* | |
| 02 87 19 00-0095 | SF | Apply Goldshield® GS5 Antimicrobial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning | 0.56 | |
| | | *For Level 1 Biohazard Cleaning, Deduct* | *-0.09* | |
| | | *For Level 3 Biohazard Cleaning, Add* | *0.14* | |

## 02 87 19 00-0096 Bio-Hazard And Infectious Disease Control Equipment Rental *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

| | | | |
|---|---|---|---|
| 02 87 19 00-0097 | DAY | Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up | 137.11 |
| 02 87 19 00-0098 | WK | Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up | 583.97 |
| 02 87 19 00-0099 | MO | Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up | 1,635.12 |
| 02 87 19 00-0100 | DAY | Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up | 136.54 |
| 02 87 19 00-0101 | WK | Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up | 375.49 |
| 02 87 19 00-0102 | MO | Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up | 1,024.08 |
| 02 87 19 00-0103 | DAY | Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up | 43.07 |
| 02 87 19 00-0104 | WK | Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up | 118.45 |
| 02 87 19 00-0105 | MO | Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up | 323.03 |
| 02 87 19 00-0106 | DAY | Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up | 81.38 |
| 02 87 19 00-0107 | WK | Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up | 334.24 |
| 02 87 19 00-0108 | MO | Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up | 1,009.97 |
| 02 87 19 00-0109 | EA | High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up | 167.57 |
| | | Note: Required if over 800 hours operation. | |
| 02 87 19 00-0110 | DAY | 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 429.30 |
| 02 87 19 00-0111 | WK | 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 858.61 |
| 02 87 19 00-0112 | MO | 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 1,717.21 |
| 02 87 19 00-0113 | DAY | 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 572.40 |
| 02 87 19 00-0114 | WK | 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 1,144.81 |
| 02 87 19 00-0115 | MO | 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 2,289.62 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 87 19 00-0116 | DAY | 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 857.36 | |
| 02 87 19 00-0117 | WK | 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 1,714.71 | |
| 02 87 19 00-0118 | MO | 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 3,429.42 | |
| 02 87 19 00-0119 | DAY | 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 1,143.14 | |
| 02 87 19 00-0120 | WK | 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 2,286.28 | |
| 02 87 19 00-0121 | MO | 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 4,572.57 | |
| 02 87 19 00-0122 | DAY | 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 1,428.93 | |
| 02 87 19 00-0123 | WK | 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 2,857.85 | |
| 02 87 19 00-0124 | MO | 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up | 5,715.71 | |
| 02 87 19 00-0125 | EA | Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up<br>Note: Includes staking down tent. | 93.83 | |
| 02 87 19 00-0126 | EA | Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up<br>Note: Includes staking down tent. | 187.66 | |
| 02 87 19 00-0127 | EA | Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up<br>Note: Includes staking down tent. | 562.99 | |
| 02 87 19 00-0128 | EA | Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up<br>Note: Includes staking down tent. | 1,125.97 | |
| 02 87 19 00-0129 | EA | Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up<br>Note: Includes staking down tent. | 1,876.62 | |
| 02 87 19 00-0130 | DAY | Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up | 93.87 | |
| 02 87 19 00-0131 | WK | Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up | 258.15 | |
| 02 87 19 00-0132 | MO | Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up | 704.06 | |

## 02 87 19 00-0133 Bio-Hazard And Infectious Disease Control Hauling By Truck *(02 87 19)*

Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0134 | EA | Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up<br>Note: Each first 15 miles per trip | 99.48 | |
| | | *For Each Additional Mile Over First 15 Miles, Add Per Mile* | *1.24* | |
| 02 87 19 00-0135 | EA | Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up<br>Note: Each first 15 miles per trip | 160.76 | |
| | | *For Each Additional Mile Over First 15 Miles, Add Per Mile* | *2.01* | |
| 02 87 19 00-0136 | EA | Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up<br>Note: Each first 15 miles per trip | 166.97 | |
| | | *For Each Additional Mile Over First 15 Miles, Add Per Mile* | *2.09* | |
| 02 87 19 00-0137 | EA | Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up<br>Note: Each first 15 miles per trip | 169.32 | |
| | | *For Each Additional Mile Over First 15 Miles, Add Per Mile* | *2.12* | |

## 02 87 19 00-0138 Bio-Hazard And Infectious Disease Control Disposal *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0139 | CY | Bio-Hazard And Infectious Disease Control Landfill Dump Fee | 103.41 | |

## 02 87 19 00-0140 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters *(02 87 19)*

Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0141 | EA | 20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P) | 39,324.62 | |
| 02 87 19 00-0142 | EA | 7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST) | 3,780.42 | |
| 02 87 19 00-0143 | EA | Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04) | 6,255.06 | |
| 02 87 19 00-0144 | SF | Sub Flooring For Medical Shelter (AKS-AB846) | 5.80 | |
| 02 87 19 00-0145 | EA | Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5) | 1,716.89 | |
| 02 87 19 00-0146 | EA | Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5) | 28,120.36 | |
| 02 87 19 00-0147 | EA | 3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915) | 980.16 | |
| 02 87 19 00-0148 | EA | Negative Pressure Isolation (NPI) System (AK-NPIS-5)<br>Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case | 44,260.99 | |
| 02 87 19 00-0149 | EA | 6' Step Ladder (AKS-AC595) | 264.96 | |
| 02 87 19 00-0150 | EA | 10 Lbs Sledgehammer (AKS-AA268) | 81.54 | |

## 02 87 19 00-0151 Bio-Hazard And Infectious Disease Time And Material Tasks *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

## 02 87 19 00-0152 Bio-Hazard And Infectious Disease Control Labor *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0153 | HR | General Laborer For Bio-Hazard And Infectious Disease Control Clean Up | 81.82 | |
| 02 87 19 00-0154 | HR | Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up | 101.54 | |
| 02 87 19 00-0155 | HR | Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up | 101.25 | |
| 02 87 19 00-0156 | HR | Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up | 121.74 | |
| 02 87 19 00-0157 | HR | Project Manager For Bio-Hazard And Infectious Disease Control Clean Up | 133.89 | |

## 02 87 19 00-0158 Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 02 87 19 00-0159 | EA | Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment | 14.26 | |
| 02 87 19 00-0160 | EA | Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment | 23.34 | |
| 02 87 19 00-0161 | PR | Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment | 15.13 | |
| 02 87 19 00-0162 | EA | Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment | 110.05 | |
| 02 87 19 00-0163 | EA | Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment | 49.81 | |
| 02 87 19 00-0164 | EA | Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment<br>Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension | 335.74 | |
| 02 87 19 00-0165 | EA | 14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment<br>Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010 | 45.90 | |
| 02 87 19 00-0166 | EA | 19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment<br>Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat. | 83.38 | |
| 02 87 19 00-0167 | BOX | Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment | 25.84 | |
| 02 87 19 00-0168 | EA | Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment | 22.07 | |
| 02 87 19 00-0169 | EA | Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment<br>Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly | 2,244.13 | |

### 02 87 19 00-0170 Bio-Hazard And Infectious Disease Control Expendables *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0029 for temporary walls.

| | | | | |
|---|---|---|---|---|
| 02 87 19 00-0171 | GAL | Bleach For Bio-Hazard And Infectious Disease Control Clean-up | 11.12 | |
| 02 87 19 00-0172 | EA | N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up | 3.69 | |
| 02 87 19 00-0173 | GAL | Disinfectant/Antimicrobial For Bio-Hazard And Infectious Disease Control Clean Up | 108.92 | |
| 02 87 19 00-0174 | GAL | Goldshield® GS5 Antimicrobial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up<br>Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days | 305.79 | |
| 02 87 19 00-0175 | QT | Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up | 11.55 | |
| 02 87 19 00-0176 | EA | Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up | 5.44 | |
| 02 87 19 00-0177 | ROL | Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up | 14.18 | |
| 02 87 19 00-0178 | EA | UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up | 66.81 | |
| 02 87 19 00-0179 | ROL | Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up | 57.14 | |
| 02 87 19 00-0180 | LB | Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up | 8.42 | |
| 02 87 19 00-0181 | EA | Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up | 17.01 | |
| 02 87 19 00-0182 | ROL | 6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up | 175.89 | |

## 02 89 Hazmat Ancillary Tasks and Support *(02 80)*

### 02 89 00 00-0001 Barriers And Protection *(02 89)*

Note: Includes removal and disposal after use.

### 02 89 00 00-0002 Isolation Barriers *(02 89 00 00-0001)*

See CSI section 01 56 16 00-0029 for temporary stud walls.

### 02 89 00 00-0003 Hazmat Containment Construction Plastic Sheeting *(02 89 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 02 89 00 00-0004 | SF | 6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction | 0.38 | |
| 02 89 00 00-0005 | SF | 6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction | 0.50 | |
| 02 89 00 00-0006 | SF | 6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction | 0.67 | |
| 02 89 00 00-0007 | SF | 6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, Hazmat Containment Construction | 0.54 | |
| 02 89 00 00-0008 | SF | 6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction | 0.67 | |
| 02 89 00 00-0009 | SF | 6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction | 0.87 | |

### 02 89 00 00-0010 Decontamination Chambers *(02 89)*

Note: Includes removal after use.

| | | | | |
|---|---|---|---|---|
| 02 89 00 00-0011 | EA | 3 Stage Portable Personnel Decontamination Wash Facility<br>Note: Includes connection to negative air system. | 825.22 | |
| 02 89 00 00-0012 | EA | 5 Stage Portable Personnel Decontamination Wash Facility<br>Note: Includes connection to negative air system. | 971.35 | |
| 02 89 00 00-0013 | EA | Portable Waste Decontamination Unit<br>Note: Includes connection to negative air system. | 493.09 | |
| | | *For Dismantling And Relocation To A Different Area, Add* | *298.15* | |

**END OF SECTION 02**

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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|

# 03 Concrete

## 03 01 Maintenance of Concrete *(03)*

### 03 01 30 Maintenance of Cast-In-Place Concrete *(03 01)*

#### 03 01 30 51 Cleaning of Cast-In-Place Concrete *(03 01 30)*

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*
Note: Includes containment and clean-up of all material. Includes steel ball media.

| | | | | | |
|---|---|---|---|---|---|
| 03 01 30 51-0002 | SF | Concrete Floors, Abrasive Shot (Bead) Blasting | | 3.28 | |
| | | *For Up To 100, Add* | | *2.70* | |
| | | *For >100 To 250, Add* | | *0.68* | |
| | | *For >250 To 500, Add* | | *0.34* | |
| | | *For >5,000 To 10,000, Deduct* | | *-0.07* | |
| | | *For >10,000, Deduct* | | *-0.14* | |
| 03 01 30 51-0003 | SF | Concrete Walls, Abrasive Shot (Bead) Blasting | | 4.63 | |
| | | *For Up To 100, Add* | | *5.40* | |
| | | *For >100 To 250, Add* | | *1.35* | |
| | | *For >250 To 500, Add* | | *0.68* | |
| | | *For >5,000 To 10,000, Deduct* | | *-0.14* | |
| | | *For >10,000, Deduct* | | *-0.27* | |

#### 03 01 30 71 Rehabilitation of Cast-In-Place Concrete *(03 01 30)*

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*
See CSI section 09 01 90 52-0002 for surface preparation as required.

03 01 30 71-0002 Concrete Repair *(03 01 30 71-0001)*

03 01 30 71-0003 Decks Or Floors *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

| | | | | |
|---|---|---|---|---|
| 03 01 30 71-0004 | SF | Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar | | 6.01 |
| 03 01 30 71-0005 | SF | Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar | | 19.14 |
| 03 01 30 71-0006 | SF | Patch Decks Or Floors With White Aluminum Oxide Grit (Non Slip Aggregate) | | 0.53 |

03 01 30 71-0007 Verticals Or Overheads *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

| | | | | |
|---|---|---|---|---|
| 03 01 30 71-0008 | SF | Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar | | 8.99 |
| 03 01 30 71-0009 | SF | Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar | | 26.10 |
| 03 01 30 71-0010 | SF | Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar | | 29.42 |
| 03 01 30 71-0011 | SF | Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound | | 7.99 |
| 03 01 30 71-0012 | SF | Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound<br>Note: Rapid Set - WunderFixx | | 14.13 |

03 01 30 71-0013 Bridge Deck Treatment *(03 01 30 71-0002)*

| | | | | |
|---|---|---|---|---|
| 03 01 30 71-0014 | SF | Sweep Bridge Deck | | 0.02 |
| 03 01 30 71-0015 | SF | Clean Bridge Deck | | 0.02 |
| 03 01 30 71-0016 | SF | Treat Bridge Deck With Methacrylate Resin Sealant | | 1.98 |

03 01 30 71-0017 Concrete Finishes *(03 01 30 71-0001)*

03 01 30 71-0018 Concrete Patching *(03 01 30 71-0017)*

03 01 30 71-0019 Walls *(03 01 30 71-0018)*

| | | | | |
|---|---|---|---|---|
| 03 01 30 71-0020 | BAG | Sika Top 111 Plus<br>Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel). | | 153.22 |
| | | *For Up To 10, Add* | | *55.65* |
| | | *For >10 To 25, Add* | | *33.39* |
| | | *For >25 To 50, Add* | | *22.26* |
| | | *For >50 To 75, Add* | | *11.13* |
| 03 01 30 71-0021 | BAG | Sika Grout 212, 50 LB Bag<br>Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow. | | 105.45 |
| | | *For Up To 10, Add* | | *35.26* |
| | | *For >10 To 25, Add* | | *21.15* |
| | | *For >25 To 50, Add* | | *14.10* |
| | | *For >50 To 75, Add* | | *7.05* |
| 03 01 30 71-0022 | EA | Sika Flex 1A, 10.3 Ounce Tube<br>Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint. | | 36.11 |
| 03 01 30 71-0023 | BAG | Pea Gravel | | 27.21 |

03 01 30 71-0024 Crack Repair For Concrete *(03 01 30 71-0001)*

03 01 30 71-0025 Non Structural Crack Repair For Concrete *(03 01 30 71-0024)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 01 30 71-0026 | | **Surface Applied, Non Structural Crack Repair For Concrete** *(03 01 30 71-0025)*<br>Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding. | | |
| 03 01 30 71-0027 | LF | Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal) | 4.99 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.96* | |
| 03 01 30 71-0028 | LF | >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal) | 6.55 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.87* | |
| 03 01 30 71-0029 | LF | Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair) | 5.11 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.96* | |
| 03 01 30 71-0030 | LF | >1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair) | 6.79 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.87* | |
| 03 01 30 71-0031 | LF | Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant) | 5.55 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.96* | |
| 03 01 30 71-0032 | LF | >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant) | 7.67 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.87* | |
| 03 01 30 71-0033 | LF | Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix) | 5.87 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.96* | |
| 03 01 30 71-0034 | LF | >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix) | 8.32 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.87* | |
| 03 01 30 71-0035 | | **Pressure Injected, Non Structural Crack Repair For Concrete** *(03 01 30 71-0025)*<br>Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal. | | |
| 03 01 30 71-0036 | LF | Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570) | 24.19 | |
| | | *For Cracks Accessible From Both Sides, Add* | *4.94* | |
| 03 01 30 71-0037 | | **Structural Crack Repair For Concrete** *(03 01 30 71-0024)* | | |
| 03 01 30 71-0038 | | **Surface Applied, Structural Crack Repair For Concrete** *(03 01 30 71-0037)*<br>Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal. | | |
| 03 01 30 71-0039 | LF | Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35) | 5.95 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.96* | |
| 03 01 30 71-0040 | LF | >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35) | 8.48 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.87* | |
| 03 01 30 71-0041 | LF | Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52) | 5.78 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.96* | |
| 03 01 30 71-0042 | LF | >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52) | 8.13 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.87* | |
| 03 01 30 71-0043 | LF | Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix) | 7.22 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.96* | |
| 03 01 30 71-0044 | LF | >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix) | 11.01 | |
| | | *For V-Grooving Crack With Grinder, Add* | *3.87* | |
| 03 01 30 71-0045 | | **Pressure Injected, Structural Crack Repair For Concrete** *(03 01 30 71-0037)*<br>Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal. | | |
| 03 01 30 71-0046 | LF | Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35) | 20.74 | |
| | | *For Cracks Accessible From Both Sides, Add* | *4.94* | |
| 03 01 30 71-0047 | LF | Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52) | 20.57 | |
| | | *For Cracks Accessible From Both Sides, Add* | *4.94* | |
| 03 01 30 71-0048 | | **Pool Deck Texture Repair** *(03 01 30 71-0001)* | | |
| 03 01 30 71-0049 | SF | Pool Deck Texture Repair<br>Note: Includes surface preparation, cleaning, repair of surface, crack repair, liquid underlayment coat, troweled top coat and finish. | 16.55 | |
| 03 01 30 71-0050 | | **Corrosive Inhibitor** *(03 01 30 71)* | | |
| 03 01 30 71-0051 | SF | Corrosive Inhibitor | 5.24 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **03 01 30 72** | | **Strengthening Of Cast-in-Place Concrete** *(03 01 30)* | | |
| 03 01 30 72-0001 | | Concrete Surface Repairs *(03 01 30 72)* | | |
| 03 01 30 72-0002 | SF | Sound The Concrete Surface To Locate Delaminated Areas | 0.34 | |
| **03 05 Common Work Results For Concrete** *(03)* | | | | |
| **03 05 13 Concrete Admixtures** *(03 05)* | | | | |
| 03 05 13 00-0001 | | Concrete Admixtures *(03 05 13)* | | |
| 03 05 13 00-0002 | CY | Low Range Water Reducing (LRWR), Type A Concrete Admixture | 5.87 | |
| 03 05 13 00-0003 | CY | Set Retarding, Type B Concrete Admixture | 4.06 | |
| 03 05 13 00-0004 | CY | 1% Calcium Chloride Accelerating, Type C Concrete Admixture | 6.32 | |
| 03 05 13 00-0005 | CY | 2% Calcium Chloride Accelerating, Type C Concrete Admixture | 12.64 | |
| 03 05 13 00-0006 | CY | 1% Non-Chloride Accelerating, Type C Concrete Admixture | 11.29 | |
| 03 05 13 00-0007 | CY | 2% Non-Chloride Accelerating, Type C Concrete Admixture | 22.57 | |
| 03 05 13 00-0008 | CY | Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture | 4.88 | |
| 03 05 13 00-0009 | CY | 1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture | 6.77 | |
| 03 05 13 00-0010 | CY | 2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture | 13.54 | |
| 03 05 13 00-0011 | CY | Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture | 5.29 | |
| 03 05 13 00-0012 | CY | High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture | 10.83 | |
| 03 05 13 00-0013 | CY | 1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture | 14.45 | |
| 03 05 13 00-0014 | CY | 25 LB/CY Steel Fibers, Concrete Admixture | 32.81 | |
| 03 05 13 00-0015 | CY | 10% Microsilica (Silica Fume), Concrete Admixture | 72.23 | |
| 03 05 13 00-0016 | CY | Corrosion Inhibiting Concrete Admixture | 27.09 | |
| 03 05 13 00-0017 | CY | Winter Service Or Heat, Concrete Add | 6.32 | |
| 03 05 13 00-0018 | CY | Chilled Water, Concrete Add | 6.32 | |
| 03 05 13 00-0019 | CY | Subtle Color (See Davis Colors Color Card), Concrete Admixture | 36.57 | |
| 03 05 13 00-0020 | CY | Standard Color (See Davis Colors Color Card), Concrete Admixture | 60.94 | |
| 03 05 13 00-0021 | CY | Premium Color (See Davis Colors Color Card), Concrete Admixture | 117.01 | |
| 03 05 13 00-0022 | CY | Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture | 162.51 | |
| **03 10 Concrete Forming and Accessories** *(03)* | | | | |
| **03 11 Concrete Forming** *(03 10)* | | | | |
| **03 11 13** | | **Structural Cast-In-Place Concrete Forming** *(03 11)* | | |
| | | Note: Per square foot of formwork. | | |
| 03 11 13 00-0001 | | Wood Formwork *(03 11 13)* | | |
| | | Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips. | | |
| 03 11 13 00-0002 | | Foundation Wood Formwork *(03 11 13 00-0001)* | | |
| | | Note: For foundation work below or at grade. | | |
| 03 11 13 00-0003 | SF | Continuous Footings Foundation Wood Formwork | 7.76 | |
| | | *For <1,000, Add* | *1.32* | |
| | | *For Foundations >8' Below Grade, Add* | *1.21* | |
| | | *For Curved Formwork, Add* | *2.41* | |
| 03 11 13 00-0004 | SF | Pile Cap, Pier Or Spread Footings Foundation Wood Formwork | 9.03 | |
| | | *For <1,000, Add* | *1.57* | |
| | | *For Foundations >8' Below Grade, Add* | *1.44* | |
| | | *For Curved Formwork, Add* | *2.89* | |
| 03 11 13 00-0005 | SF | Mat Foundation Wood Formwork | 10.11 | |
| | | *For <1,000, Add* | *1.80* | |
| | | *For Foundations >8' Below Grade, Add* | *1.68* | |
| | | *For Curved Formwork, Add* | *3.37* | |
| 03 11 13 00-0006 | SF | Grade Beams Or Duct Bank Foundation Wood Formwork | 8.66 | |
| | | *For <1,000, Add* | *1.51* | |
| | | *For Foundations >8' Below Grade, Add* | *1.39* | |
| | | *For Curved Formwork, Add* | *2.79* | |
| 03 11 13 00-0007 | SF | Below Grade Walls Foundation Wood Formwork | 12.38 | |
| | | Note: Excludes footing | | |
| | | *For <1,000, Add* | *2.14* | |
| | | *For Foundations >8' Below Grade, Add* | *1.98* | |
| | | *For Curved Formwork, Add* | *3.95* | |
| 03 11 13 00-0008 | | Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)* | | |
| 03 11 13 00-0009 | LF | Up To 6" High Slab Edge and Block-Out Wood Formwork | 5.64 | |
| | | *For Foundations >8' Below Grade, Add* | *0.95* | |
| | | *For Curved Formwork, Add* | *1.89* | |
| | | *For Up To 250, Add* | *1.01* | |
| 03 11 13 00-0010 | LF | >6" To 12" High Slab Edge and Block-Out Wood Formwork | 8.50 | |
| | | *For Foundations >8' Below Grade, Add* | *1.34* | |
| | | *For Curved Formwork, Add* | *2.68* | |
| | | *For Up To 250, Add* | *1.46* | |
| 03 11 13 00-0011 | SF | >12" High Slab Edge and Block-Out Wood Formwork | 10.83 | |
| | | *For Foundations >8' Below Grade, Add* | *1.73* | |
| | | *For Curved Formwork, Add* | *3.46* | |
| | | *For <1,000, Add* | *1.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **03 11 13 00-0012** | | **Column Wood Formwork** *(03 11 13 00-0001)* | | |
| 03 11 13 00-0013 | LF | Up To 8" Square Column Wood Formwork | 46.02 | |
| 03 11 13 00-0014 | LF | >8" To 12" Square Column Wood Formwork | 68.95 | |
| 03 11 13 00-0015 | LF | >12" To 18" Square Column Wood Formwork | 84.73 | |
| 03 11 13 00-0016 | LF | >18" To 24" Square Column Wood Formwork | 117.44 | |
| 03 11 13 00-0017 | LF | >24" To 36" Square Column Wood Formwork | 167.19 | |
| 03 11 13 00-0018 | LF | >36" To 48" Square Column Wood Formwork | 217.24 | |
| **03 11 13 00-0019** | | **Above Grade Wall Wood Formwork** *(03 11 13 00-0001)* | | |
| 03 11 13 00-0020 | SF | Up To 8' High Above Grade Wall Wood Formwork | 13.58 | |
| | | *For Curved Formwork, Add* | *4.43* | |
| | | *For <1,000, Add* | *2.38* | |
| 03 11 13 00-0021 | SF | >8' High Above Grade Wall Wood Formwork | 16.04 | |
| | | *For Curved Formwork, Add* | *5.26* | |
| | | *For <1,000, Add* | *2.82* | |
| **03 11 13 00-0022** | | **Elevated Beam Wood Formwork** *(03 11 13 00-0001)* | | |
| | | Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam. | | |
| 03 11 13 00-0023 | SF | Bottom of Elevated Beam Wood Formwork | 16.95 | |
| | | *For Curved Formwork, Add* | *5.70* | |
| | | *For <1,000, Add* | *3.03* | |
| 03 11 13 00-0024 | SF | Vertical Sides of Elevated Beam Wood Formwork | 11.20 | |
| | | *For Curved Formwork, Add* | *3.69* | |
| | | *For <1,000, Add* | *1.98* | |
| **03 11 13 00-0025** | | **Elevated Slab Wood Formwork** *(03 11 13 00-0001)* | | |
| | | Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab. | | |
| 03 11 13 00-0026 | SF | Elevated Slab Wood Formwork | 10.76 | |
| | | *For <1,000, Add* | *1.81* | |
| **03 11 13 00-0027** | | **Metal Framed Formwork** *(03 11 13)* | | |
| | | Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips. | | |
| **03 11 13 00-0028** | | **Foundation Metal Framed Formwork** *(03 11 13 00-0027)* | | |
| | | Note: For foundation work below or at grade. | | |
| 03 11 13 00-0029 | SF | Continuous Footings Foundation Metal Framed Formwork | 5.87 | |
| | | *For <1,000, Add* | *1.07* | |
| | | *For Foundations >8' Below Grade, Add* | *1.02* | |
| | | *For Curved Formwork, Add* | *2.05* | |
| 03 11 13 00-0030 | SF | Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork | 6.51 | |
| | | *For <1,000, Add* | *1.20* | |
| | | *For Foundations >8' Below Grade, Add* | *1.15* | |
| | | *For Curved Formwork, Add* | *2.30* | |
| 03 11 13 00-0031 | SF | Mat Foundation Metal Framed Formwork | 7.28 | |
| | | *For <1,000, Add* | *1.33* | |
| | | *For Foundations >8' Below Grade, Add* | *1.26* | |
| | | *For Curved Formwork, Add* | *2.53* | |
| 03 11 13 00-0032 | SF | Grade Beams Or Duct Bank Foundation Metal Framed Formwork | 6.15 | |
| | | *For <1,000, Add* | *1.12* | |
| | | *For Foundations >8' Below Grade, Add* | *1.06* | |
| | | *For Curved Formwork, Add* | *2.13* | |
| 03 11 13 00-0033 | SF | Below Grade Walls Foundation Metal Framed Formwork<br>Note: Excludes footing. | 9.37 | |
| | | *For <1,000, Add* | *1.74* | |
| | | *For Foundations >8' Below Grade, Add* | *1.67* | |
| | | *For Curved Formwork, Add* | *3.33* | |
| **03 11 13 00-0034** | | **Slab Edge And Block-Out Metal Framed Formwork** *(03 11 13 00-0027)* | | |
| 03 11 13 00-0035 | LF | Up To 6" High Slab Edge and Block-Out Metal Framed Formwork | 4.16 | |
| | | *For Foundations >8' Below Grade, Add* | *0.81* | |
| | | *For Curved Formwork, Add* | *1.62* | |
| | | *For <250, Add* | *0.82* | |
| 03 11 13 00-0036 | LF | >6" To 12" High Slab Edge and Block-Out Metal Framed Formwork | 5.22 | |
| | | *For Foundations >8' Below Grade, Add* | *1.01* | |
| | | *For Curved Formwork, Add* | *2.01* | |
| | | *For <250, Add* | *1.02* | |
| 03 11 13 00-0037 | SF | >12" High Slab Edge and Block-Out Metal Framed Formwork | 5.78 | |
| | | *For Foundations >8' Below Grade, Add* | *1.11* | |
| | | *For Curved Formwork, Add* | *2.23* | |
| | | *For <1,000, Add* | *1.13* | |
| **03 11 13 00-0038** | | **Column Metal Framed Formwork** *(03 11 13 00-0027)* | | |
| **03 11 13 00-0039** | | **Square Columns** *(03 11 13 00-0038)* | | |
| 03 11 13 00-0040 | LF | Up To 12" Square Column Metal Framed Formwork | 35.93 | |
| 03 11 13 00-0041 | LF | >12" To 16" Square Column Metal Framed Formwork | 43.45 | |
| 03 11 13 00-0042 | LF | >16" To 20" Square Column Metal Framed Formwork | 51.01 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 11 13 00-0043 | LF | >20" To 24" Square Column Metal Framed Formwork | 60.93 | |
| 03 11 13 00-0044 | LF | >24" To 30" Square Column Metal Framed Formwork | 73.42 | |
| 03 11 13 00-0045 | LF | >30" To 36" Square Column Metal Framed Formwork | 88.19 | |
| 03 11 13 00-0046 | LF | >36" To 48" Square Column Metal Framed Formwork | 113.17 | |
| 03 11 13 00-0047 | LF | >48" To 60" Square Column Metal Framed Formwork | 139.63 | |

### 03 11 13 00-0048 Round Columns *(03 11 13 00-0038)*

| | | | | |
|---|---|---|---|---|
| 03 11 13 00-0049 | LF | Up To 12" Diameter Column Metal Formwork | 36.04 | |
| 03 11 13 00-0050 | LF | >12" To 16" Diameter Column Metal Formwork | 40.04 | |
| 03 11 13 00-0051 | LF | >16" To 20" Diameter Column Metal Formwork | 45.89 | |
| 03 11 13 00-0052 | LF | >20" To 24" Diameter Column Metal Formwork | 53.40 | |
| 03 11 13 00-0053 | LF | >24" To 30" Diameter Column Metal Formwork | 62.98 | |
| 03 11 13 00-0054 | LF | >30" To 36" Diameter Column Metal Formwork | 72.08 | |
| 03 11 13 00-0055 | LF | >36" To 48" Diameter Column Metal Formwork | 93.71 | |
| 03 11 13 00-0056 | LF | >48" To 60" Diameter Column Metal Formwork | 122.96 | |

### 03 11 13 00-0057 Above Grade Wall Metal Framed Formwork *(03 11 13 00-0027)*

| | | | | |
|---|---|---|---|---|
| 03 11 13 00-0058 | SF | Up to 8' High Above Grade Wall Metal Framed Formwork | 5.79 | |
| | | *For Curved Formwork, Add* | *1.90* | |
| | | *For <1,000, Add* | *1.02* | |
| 03 11 13 00-0059 | SF | >8' High Above Grade Wall Metal Framed Formwork | 7.07 | |
| | | *For Curved Formwork, Add* | *2.29* | |
| | | *For <1,000, Add* | *1.24* | |

### 03 11 13 00-0060 Elevated Beam Metal Framed Formwork *(03 11 13 00-0027)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.

| | | | | |
|---|---|---|---|---|
| 03 11 13 00-0061 | SF | Bottom of Elevated Beam Metal Framed Formwork | 5.93 | |
| | | *For Curved Formwork, Add* | *1.79* | |
| | | *For <1,000, Add* | *0.99* | |
| 03 11 13 00-0062 | SF | Vertical Sides of Elevated Beam Metal Framed Formwork | 4.33 | |
| | | *For Curved Formwork, Add* | *1.40* | |
| | | *For <1,000, Add* | *0.75* | |

### 03 11 13 00-0063 Elevated Slab Metal Framed Formwork *(03 11 13 00-0027)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.

| | | | | |
|---|---|---|---|---|
| 03 11 13 00-0064 | SF | Elevated Slab Metal Framed Formwork | 8.52 | |
| | | *For <1,000, Add* | *1.25* | |

### 03 11 13 00-0065 Fiber Tube Formwork *(03 11 13)*

Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.

### 03 11 13 00-0066 Round Column Fiber Tube Formwork *(03 11 13 00-0065)*

| | | | | |
|---|---|---|---|---|
| 03 11 13 00-0067 | LF | 6" Diameter Round Fiber Tube Formwork | 15.68 | |
| | | *For Plastic Lined, Add* | *0.86* | |
| | | *For Columns >12' In Length, Add* | *1.57* | |
| 03 11 13 00-0068 | LF | 8" Diameter Round Fiber Tube Formwork | 16.67 | |
| | | *For Plastic Lined, Add* | *1.01* | |
| | | *For Columns >12' In Length, Add* | *1.67* | |
| 03 11 13 00-0069 | LF | 10" Diameter Round Fiber Tube Formwork | 18.47 | |
| | | *For Plastic Lined, Add* | *1.16* | |
| | | *For Columns >12' In Length, Add* | *1.85* | |
| 03 11 13 00-0070 | LF | 12" Diameter Round Fiber Tube Formwork | 22.14 | |
| | | *For Plastic Lined, Add* | *1.66* | |
| | | *For Columns >12' In Length, Add* | *2.21* | |
| 03 11 13 00-0071 | LF | 14" Diameter Round Fiber Tube Formwork | 25.48 | |
| | | *For Plastic Lined, Add* | *2.25* | |
| | | *For Columns >12' In Length, Add* | *2.55* | |
| 03 11 13 00-0072 | LF | 16" Diameter Round Fiber Tube Formwork | 28.11 | |
| | | *For Plastic Lined, Add* | *2.85* | |
| | | *For Columns >12' In Length, Add* | *2.81* | |
| 03 11 13 00-0073 | LF | 18" Diameter Round Fiber Tube Formwork | 29.66 | |
| | | *For Plastic Lined, Add* | *3.10* | |
| | | *For Columns >12' In Length, Add* | *2.97* | |
| 03 11 13 00-0074 | LF | 20" Diameter Round Fiber Tube Formwork | 32.94 | |
| | | *For Plastic Lined, Add* | *3.87* | |
| | | *For Columns >12' In Length, Add* | *3.29* | |
| 03 11 13 00-0075 | LF | 22" Diameter Round Fiber Tube Formwork | 36.60 | |
| | | *For Plastic Lined, Add* | *4.67* | |
| | | *For Columns >12' In Length, Add* | *3.66* | |
| 03 11 13 00-0076 | LF | 24" Diameter Round Fiber Tube Formwork | 40.27 | |
| | | *For Plastic Lined, Add* | *5.47* | |
| | | *For Columns >12' In Length, Add* | *4.03* | |
| 03 11 13 00-0077 | LF | 26" Diameter Round Fiber Tube Formwork | 42.32 | |
| | | *For Plastic Lined, Add* | *5.96* | |
| | | *For Columns >12' In Length, Add* | *4.23* | |
| 03 11 13 00-0078 | LF | 28" Diameter Round Fiber Tube Formwork | 45.63 | |
| | | *For Plastic Lined, Add* | *6.83* | |
| | | *For Columns >12' In Length, Add* | *4.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 11 13 00-0079 | LF | 30" Diameter Round Fiber Tube Formwork | 49.21 | |
| | | *For Plastic Lined, Add* | *7.79* | |
| | | *For Columns >12' In Length, Add* | *4.92* | |
| 03 11 13 00-0080 | LF | 36" Diameter Round Fiber Tube Formwork | 61.84 | |
| | | *For Plastic Lined, Add* | *11.15* | |
| | | *For Columns >12' In Length, Add* | *6.18* | |
| 03 11 13 00-0081 | LF | 42" Diameter Round Fiber Tube Formwork | 88.85 | |
| | | *For Plastic Lined, Add* | *18.93* | |
| | | *For Columns >12' In Length, Add* | *8.89* | |
| 03 11 13 00-0082 | LF | 48" Diameter Round Fiber Tube Formwork | 108.11 | |
| | | *For Plastic Lined, Add* | *24.40* | |
| | | *For Columns >12' In Length, Add* | *10.81* | |
| 03 11 13 00-0083 | LF | 54" Diameter Round Fiber Tube Formwork | 188.90 | |
| | | *For Plastic Lined, Add* | *48.13* | |
| | | *For Columns >12' In Length, Add* | *18.89* | |
| 03 11 13 00-0084 | LF | 60" Diameter Round Fiber Tube Formwork | 211.03 | |
| | | *For Plastic Lined, Add* | *54.38* | |
| | | *For Columns >12' In Length, Add* | *21.10* | |

### 03 11 13 00-0085 Accessories For Formwork *(03 11 13)*

### 03 11 13 00-0086 Keyway Forms, All Materials *(03 11 13 00-0085)*

| | | | |
|---|---|---|---|
| 03 11 13 00-0087 | LF | 2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials | 1.92 |

### 03 11 13 00-0088 Chamfer Strips, All Materials *(03 11 13 00-0085)*

| | | | |
|---|---|---|---|
| 03 11 13 00-0089 | LF | 1/2" Wide Chamfer Strips for Concrete Formwork, All Materials | 2.00 |
| 03 11 13 00-0090 | LF | 3/4" Wide Chamfer Strips for Concrete Formwork, All Materials | 2.39 |
| 03 11 13 00-0091 | LF | 1" Wide Chamfer Strips for Concrete Formwork, All Materials | 2.76 |

### 03 11 13 00-0092 Strip Out Reglets For Concrete Formwork *(03 11 13 00-0085)*

| | | | |
|---|---|---|---|
| 03 11 13 00-0093 | LF | 24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork | 9.31 |

### 03 11 13 00-0094 Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0085)*

| | | | |
|---|---|---|---|
| 03 11 13 00-0095 | EA | 2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal | 10.70 |
| 03 11 13 00-0096 | EA | 4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal | 13.13 |
| 03 11 13 00-0097 | EA | 6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal | 15.90 |
| 03 11 13 00-0098 | EA | 8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal | 18.40 |
| 03 11 13 00-0099 | EA | 12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal | 23.80 |
| 03 11 13 00-0100 | EA | 18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal | 54.86 |

## 03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

### 03 11 16 13 Concrete Form Liners *(03 11 16)*

### 03 11 16 13-0001 Concrete Form Liners *(03 11 16 13)*

| | | | |
|---|---|---|---|
| 03 11 16 13-0002 | SF | Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork | 4.55 |
| 03 11 16 13-0003 | SF | Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork | 5.83 |
| 03 11 16 13-0004 | SF | Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork | 7.63 |

## 03 11 23 Permanent Stair Forming *(03 11)*

### 03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

| | | | |
|---|---|---|---|
| 03 11 23 00-0002 | SF | Cast On Grade Stairway Wood Formwork | 15.84 |
| | | *For Curved Formwork, Add* | *5.72* |
| | | *For <1,000, Add* | *2.96* |
| 03 11 23 00-0003 | SF | Elevated Stairway Wood Formwork | 31.66 |
| | | Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair. | |
| | | *For Curved Formwork, Add* | *11.19* |
| | | *For <1,000, Add* | *5.84* |

### 03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

| | | | |
|---|---|---|---|
| 03 11 23 00-0005 | SF | Cast On Grade Stairway Metal Framed Formwork | 12.15 |
| | | *For Curved Formwork, Add* | *4.58* |
| | | *For <1,000, Add* | *2.34* |
| 03 11 23 00-0006 | SF | Elevated Stairway Metal Framed Formwork | 22.62 |
| | | Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair. | |
| | | *For Curved Formwork, Add* | *8.51* |
| | | *For <1,000, Add* | *4.35* |

# 03 15 Concrete Accessories *(03 10)*

## 03 15 13 Waterstops *(03 15)*

### 03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

### 03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*

| | | | |
|---|---|---|---|
| 03 15 13 13-0002 | LF | 3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop | 6.92 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 13 13-0003 | LF | 3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop | 7.82 | |
| 03 15 13 13-0004 | LF | 3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb | 9.50 | |
| 03 15 13 13-0005 | LF | 3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb | 10.47 | |
| 03 15 13 13-0006 | LF | 1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop | 16.10 | |
| 03 15 13 13-0007 | LF | 3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop | 7.81 | |
| 03 15 13 13-0008 | LF | 3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop | 9.72 | |
| 03 15 13 13-0009 | LF | 3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop | 17.65 | |
| 03 15 13 13-0010 | LF | 3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb | 13.79 | |
| 03 15 13 13-0011 | | Rubber Waterstops *(03 15 13 13)* | | |
| 03 15 13 13-0012 | LF | 3/8" Thick x 6" Wide Rubber Dumbbell Waterstop | 7.76 | |
| 03 15 13 13-0013 | LF | 3/8" Thick x 9" Wide Rubber Dumbbell Waterstop | 8.95 | |
| 03 15 13 13-0014 | LF | 1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb | 8.25 | |
| 03 15 13 13-0015 | LF | 1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb | 11.46 | |
| 03 15 13 13-0016 | LF | 3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb | 9.35 | |
| 03 15 13 13-0017 | LF | 3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb | 12.10 | |
| **03 15 13 16** | | **Expanding Waterstops** *(03 15 13)* | | |
| 03 15 13 16-0001 | | Bentonite Waterstops *(03 15 13 16)* | | |
| 03 15 13 16-0002 | LF | 3/4" x 3/8" Bentonite Waterstop | 6.21 | |
| 03 15 13 16-0003 | LF | 1-1/4" x 1/2" Bentonite Waterstop | 9.62 | |
| 03 15 13 16-0004 | LF | 1" x 3/4" Bentonite Waterstop | 10.84 | |
| 03 15 13 16-0005 | LF | 1" x 1" Bentonite Waterstop | 12.34 | |
| **03 15 16** | | **Concrete Construction Joints** *(03 15)* | | |
| 03 15 16 00-0001 | | Poured Expansion Joint *(03 15 16)* | | |
| 03 15 16 00-0002 | LF | 1/2" x 1" Plain Asphalt Expansion Joint, Poured | 2.52 | 0.68 |
| | | *For Installation In Walls, Add* | *1.15* | |
| 03 15 16 00-0003 | LF | 1" x 2" Plain Asphalt Expansion Joint, Poured | 5.71 | 0.68 |
| | | *For Installation In Walls, Add* | *1.29* | |
| 03 15 16 00-0004 | LF | 1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied | 2.43 | 0.68 |
| | | *For Installation In Walls, Add* | *1.15* | |
| 03 15 16 00-0005 | LF | 1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied | 5.35 | 0.68 |
| | | *For Installation In Walls, Add* | *1.29* | |
| 03 15 16 00-0006 | LF | 1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts | 3.40 | 0.68 |
| | | *For Installation In Walls, Add* | *1.29* | |
| 03 15 16 00-0007 | LF | 1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts | 6.13 | 0.68 |
| | | *For Installation In Walls, Add* | *2.09* | |
| 03 15 16 00-0008 | LF | 1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied | 2.80 | 0.68 |
| | | *For Installation In Walls, Add* | *1.15* | |
| 03 15 16 00-0009 | LF | 1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant | 3.46 | 0.68 |
| | | *For Installation In Walls, Add* | *1.15* | |
| 03 15 16 00-0010 | LF | 1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant | 9.12 | 0.68 |
| | | *For Installation In Walls, Add* | *1.29* | |
| 03 15 16 00-0011 | | Premolded Expansion Joints *(03 15 16)* | | |
| 03 15 16 00-0012 | | Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)* | | |
| 03 15 16 00-0013 | LF | 1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint | 1.88 | 0.86 |
| 03 15 16 00-0014 | LF | 1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.19 | 0.90 |
| 03 15 16 00-0015 | LF | 1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.36 | 0.95 |
| 03 15 16 00-0016 | LF | 1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.55 | 0.99 |
| 03 15 16 00-0017 | LF | 3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.07 | 0.86 |
| 03 15 16 00-0018 | LF | 3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.34 | 0.90 |
| 03 15 16 00-0019 | LF | 3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.64 | 0.95 |
| 03 15 16 00-0020 | LF | 3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint | 3.09 | 0.99 |
| 03 15 16 00-0021 | LF | 1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint | 1.87 | 0.82 |
| 03 15 16 00-0022 | LF | 1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.04 | 0.86 |
| 03 15 16 00-0023 | LF | 1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.26 | 0.90 |
| 03 15 16 00-0024 | LF | 1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.43 | 0.95 |
| 03 15 16 00-0025 | LF | 1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.66 | 0.99 |
| 03 15 16 00-0026 | LF | 1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.96 | 1.03 |
| 03 15 16 00-0027 | LF | 1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint | 3.20 | 1.07 |
| 03 15 16 00-0028 | LF | 1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint | 3.61 | 1.12 |
| 03 15 16 00-0029 | LF | 3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.28 | 0.90 |
| 03 15 16 00-0030 | LF | 3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint | 2.63 | 0.95 |
| 03 15 16 00-0031 | LF | 3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint | 3.25 | 1.03 |
| 03 15 16 00-0032 | SF | 1" Asphalt Saturated Fiber, Premolded Expansion Joint | 5.74 | 1.41 |
| 03 15 16 00-0033 | | Cork, Premolded Expansion Joints *(03 15 16 00-0011)* | | |
| 03 15 16 00-0034 | LF | 1/2" x 4" Cork, Premolded Expansion Joint | 3.37 | 0.90 |
| 03 15 16 00-0035 | LF | 1/2" x 6" Cork, Premolded Expansion Joint | 3.80 | 0.99 |
| 03 15 16 00-0036 | LF | 1/2" x 8" Cork, Premolded Expansion Joint | 4.13 | 1.03 |
| 03 15 16 00-0037 | LF | 1/2" x 10" Cork, Premolded Expansion Joint | 5.91 | 1.07 |
| 03 15 16 00-0038 | LF | 1/2" x 12" Cork, Premolded Expansion Joint | 6.29 | 1.12 |
| 03 15 16 00-0039 | SF | 1/2" Cork, Premolded Expansion Joint | 6.89 | 1.41 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 16 00-0040 | SF | 3/4" Cork, Premolded Expansion Joint | 8.06 | 1.41 |
| 03 15 16 00-0041 | SF | 1" Cork, Premolded Expansion Joint | 8.59 | 1.41 |
| 03 15 16 00-0042 | | Flexible Polyethylene Foam, Premolded Expansion Joints *(03 15 16 00-0011)* | | |
| 03 15 16 00-0043 | LF | 1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint | 2.05 | 0.90 |
| 03 15 16 00-0044 | LF | 1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint | 2.14 | 0.95 |
| 03 15 16 00-0045 | LF | 1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint | 2.26 | 0.99 |
| 03 15 16 00-0046 | LF | 1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint | 2.65 | 1.03 |
| 03 15 16 00-0047 | LF | 1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint | 2.12 | 0.90 |
| 03 15 16 00-0048 | LF | 1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint | 2.21 | 0.95 |
| 03 15 16 00-0049 | LF | 1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint | 2.31 | 0.99 |
| 03 15 16 00-0050 | LF | 1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint | 2.54 | 1.03 |
| 03 15 16 00-0051 | | Zip Strip, Premolded Expansion Joints *(03 15 16 00-0011)* | | |
| 03 15 16 00-0052 | LF | 1" Zip Strip, Premolded Expansion Joint | 2.08 | 0.90 |
| 03 15 16 00-0053 | LF | 1-1/2" Zip Strip, Premolded Expansion Joint | 2.28 | 0.95 |
| 03 15 16 00-0054 | LF | 2" Zip Strip, Premolded Expansion Joint | 2.54 | 1.03 |
| 03 15 16 00-0055 | | Sponge Rubber, Premolded Expansion Joints *(03 15 16 00-0011)* | | |
| 03 15 16 00-0056 | LF | 1/2" x 4" Sponge Rubber, Premolded Expansion Joint | 3.68 | 0.86 |
| 03 15 16 00-0057 | LF | 1/2" x 6" Sponge Rubber, Premolded Expansion Joint | 4.41 | 0.86 |
| 03 15 16 00-0058 | | Asphalt Felt Control Joints Or Bond Breaker *(03 15 16)* | | |
| 03 15 16 00-0059 | SF | Asphalt Felt Control Joint, 30 LB Felt Bond Breaker | 0.99 | 0.65 |
| | | *>1,250, Deduct* | *-0.05* | |
| 03 15 16 00-0060 | SF | Asphalt Felt Control Joint, 15 LB Felt Bond Breaker | 0.93 | 0.65 |
| | | *>1,250, Deduct* | *-0.05* | |
| 03 15 16 00-0061 | | Keyed Cold Expansion And Control Joints *(03 15 16)* | | |
| 03 15 16 00-0062 | | 24 Gauge Galvanized Steel With Stakes *(03 15 16 00-0061)* | | |
| 03 15 16 00-0063 | LF | 24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint | 5.03 | |
| 03 15 16 00-0064 | LF | 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint | 5.13 | |
| 03 15 16 00-0065 | LF | 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint | 5.33 | |
| 03 15 16 00-0066 | LF | 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint | 5.67 | |
| 03 15 16 00-0067 | LF | 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint | 7.20 | |

## 03 15 19 Cast-In Concrete Anchors *(03 15)*

03 15 19 00-0001 Cast In Place Anchors *(03 15 19)*
Note: For cast in place installations. Includes nut and washer.

03 15 19 00-0002 J-Type Anchor Bolts *(03 15 19 00-0001)*
See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0003 1/2" And 5/8" Diameter *(03 15 19 00-0002)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0004 | EA | 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 8.23 | |
| | | *For Galvanized, Add* | *1.68* | |
| | | *For Stainless Steel, Add* | *11.73* | |
| | | *For >10 To 50, Deduct* | *-0.24* | |
| | | *For >50 To 100, Deduct* | *-0.57* | |
| | | *For >100, Deduct* | *-1.14* | |
| 03 15 19 00-0005 | EA | 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 9.53 | |
| | | *For Galvanized, Add* | *2.14* | |
| | | *For Stainless Steel, Add* | *14.95* | |
| | | *For >10 To 50, Deduct* | *-0.26* | |
| | | *For >50 To 100, Deduct* | *-0.63* | |
| | | *For >100, Deduct* | *-1.27* | |
| 03 15 19 00-0006 | EA | 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 11.58 | |
| | | *For Galvanized, Add* | *2.95* | |
| | | *For Stainless Steel, Add* | *20.62* | |
| | | *For >10 To 50, Deduct* | *-0.28* | |
| | | *For >50 To 100, Deduct* | *-0.72* | |
| | | *For >100, Deduct* | *-1.43* | |
| 03 15 19 00-0007 | EA | 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 13.38 | |
| | | *For Galvanized, Add* | *3.85* | |
| | | *For Stainless Steel, Add* | *26.92* | |
| | | *For >10 To 50, Deduct* | *-0.28* | |
| | | *For >50 To 100, Deduct* | *-0.76* | |
| | | *For >100, Deduct* | *-1.52* | |
| 03 15 19 00-0008 | EA | 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 16.49 | |
| | | *For Galvanized, Add* | *5.14* | |
| | | *For Stainless Steel, Add* | *35.95* | |
| | | *For >10 To 50, Deduct* | *-0.31* | |
| | | *For >50 To 100, Deduct* | *-0.88* | |
| | | *For >100, Deduct* | *-1.76* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 19 00-0009 | EA | 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 18.56 | |
| | | *For Galvanized, Add* | *5.87* | |
| | | *For Stainless Steel, Add* | *41.06* | |
| | | *For >10 To 50, Deduct* | *-0.34* | |
| | | *For >50 To 100, Deduct* | *-0.98* | |
| | | *For >100, Deduct* | *-1.95* | |

## 03 15 19 00-0010 3/4" And 7/8" Diameter *(03 15 19 00-0002)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0011 | EA | 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 18.48 | |
| | | *For Galvanized, Add* | *5.83* | |
| | | *For Stainless Steel, Add* | *40.78* | |
| | | *For >10 To 50, Deduct* | *-0.34* | |
| | | *For >50 To 100, Deduct* | *-0.97* | |
| | | *For >100, Deduct* | *-1.95* | |
| 03 15 19 00-0012 | EA | 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 21.17 | |
| | | *For Galvanized, Add* | *6.79* | |
| | | *For Stainless Steel, Add* | *47.53* | |
| | | *For >10 To 50, Deduct* | *-0.38* | |
| | | *For >50 To 100, Deduct* | *-1.10* | |
| | | *For >100, Deduct* | *-2.20* | |
| 03 15 19 00-0013 | EA | 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 25.93 | |
| | | *For Galvanized, Add* | *8.70* | |
| | | *For Stainless Steel, Add* | *60.87* | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-1.29* | |
| | | *For >100, Deduct* | *-2.58* | |
| 03 15 19 00-0014 | EA | 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 31.49 | |
| | | *For Galvanized, Add* | *10.96* | |
| | | *For Stainless Steel, Add* | *76.72* | |
| | | *For >10 To 50, Deduct* | *-0.48* | |
| | | *For >50 To 100, Deduct* | *-1.51* | |
| | | *For >100, Deduct* | *-3.01* | |
| 03 15 19 00-0015 | EA | 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 24.46 | |
| | | *For Galvanized, Add* | *7.96* | |
| | | *For Stainless Steel, Add* | *55.72* | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-1.25* | |
| | | *For >100, Deduct* | *-2.50* | |
| 03 15 19 00-0016 | EA | 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 28.83 | |
| | | *For Galvanized, Add* | *9.54* | |
| | | *For Stainless Steel, Add* | *66.75* | |
| | | *For >10 To 50, Deduct* | *-0.49* | |
| | | *For >50 To 100, Deduct* | *-1.45* | |
| | | *For >100, Deduct* | *-2.91* | |
| 03 15 19 00-0017 | EA | 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 36.81 | |
| | | *For Galvanized, Add* | *12.71* | |
| | | *For Stainless Steel, Add* | *88.97* | |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.77* | |
| | | *For >100, Deduct* | *-3.55* | |

## 03 15 19 00-0018 1" And 1-1/8" Diameter *(03 15 19 00-0002)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0019 | EA | 1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 30.36 | |
| | | *For Galvanized, Add* | *10.30* | |
| | | *For Stainless Steel, Add* | *72.10* | |
| | | *For >10 To 50, Deduct* | *-0.49* | |
| | | *For >50 To 100, Deduct* | *-1.49* | |
| | | *For >100, Deduct* | *-2.98* | |
| 03 15 19 00-0020 | EA | 1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 36.18 | |
| | | *For Galvanized, Add* | *12.40* | |
| | | *For Stainless Steel, Add* | *86.77* | |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.76* | |
| | | *For >100, Deduct* | *-3.52* | |
| 03 15 19 00-0021 | EA | 1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 44.73 | |
| | | *For Galvanized, Add* | *15.54* | |
| | | *For Stainless Steel, Add* | *108.75* | |
| | | *For >10 To 50, Deduct* | *-0.68* | |
| | | *For >50 To 100, Deduct* | *-2.14* | |
| | | *For >100, Deduct* | *-4.29* | |
| 03 15 19 00-0022 | EA | 1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 55.05 | |
| | | *For Galvanized, Add* | *18.99* | |
| | | *For Stainless Steel, Add* | *132.90* | |
| | | *For >10 To 50, Deduct* | *-0.85* | |
| | | *For >50 To 100, Deduct* | *-2.66* | |
| | | *For >100, Deduct* | *-5.31* | |
| 03 15 19 00-0023 | EA | 1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 36.47 | |
| | | *For Galvanized, Add* | *12.88* | |
| | | *For Stainless Steel, Add* | *90.13* | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100, Deduct* | *-3.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 19 00-0024 | EA | 1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 43.49 | |
| | | *For Galvanized, Add* | *15.50* | |
| | | *For Stainless Steel, Add* | *108.47* | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-2.02* | |
| | | *For >100, Deduct* | *-4.05* | |
| 03 15 19 00-0025 | EA | 1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 53.85 | |
| | | *For Galvanized, Add* | *19.43* | |
| | | *For Stainless Steel, Add* | *135.98* | |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-2.47* | |
| | | *For >100, Deduct* | *-4.94* | |
| 03 15 19 00-0026 | EA | 1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 66.22 | |
| | | *For Galvanized, Add* | *23.73* | |
| | | *For Stainless Steel, Add* | *166.11* | |
| | | *For >10 To 50, Deduct* | *-0.94* | |
| | | *For >50 To 100, Deduct* | *-3.06* | |
| | | *For >100, Deduct* | *-6.13* | |

### 03 15 19 00-0027 1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0028 | EA | 1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 44.06 | |
| | | *For Galvanized, Add* | *16.10* | |
| | | *For Stainless Steel, Add* | *112.67* | |
| | | *For >10 To 50, Deduct* | *-0.59* | |
| | | *For >50 To 100, Deduct* | *-1.99* | |
| | | *For >100, Deduct* | *-3.98* | |
| 03 15 19 00-0029 | EA | 1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 52.58 | |
| | | *For Galvanized, Add* | *19.37* | |
| | | *For Stainless Steel, Add* | *135.59* | |
| | | *For >10 To 50, Deduct* | *-0.69* | |
| | | *For >50 To 100, Deduct* | *-2.35* | |
| | | *For >100, Deduct* | *-4.71* | |
| 03 15 19 00-0030 | EA | 1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 65.19 | |
| | | *For Galvanized, Add* | *24.29* | |
| | | *For Stainless Steel, Add* | *170.00* | |
| | | *For >10 To 50, Deduct* | *-0.83* | |
| | | *For >50 To 100, Deduct* | *-2.88* | |
| | | *For >100, Deduct* | *-5.75* | |
| 03 15 19 00-0031 | EA | 1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 80.09 | |
| | | *For Galvanized, Add* | *29.66* | |
| | | *For Stainless Steel, Add* | *207.62* | |
| | | *For >10 To 50, Deduct* | *-1.04* | |
| | | *For >50 To 100, Deduct* | *-3.56* | |
| | | *For >100, Deduct* | *-7.12* | |
| 03 15 19 00-0032 | EA | 1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 53.54 | |
| | | *For Galvanized, Add* | *20.12* | |
| | | *For Stainless Steel, Add* | *140.81* | |
| | | *For >10 To 50, Deduct* | *-0.67* | |
| | | *For >50 To 100, Deduct* | *-2.34* | |
| | | *For >100, Deduct* | *-4.67* | |
| 03 15 19 00-0033 | EA | 1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 63.95 | |
| | | *For Galvanized, Add* | *24.21* | |
| | | *For Stainless Steel, Add* | *169.47* | |
| | | *For >10 To 50, Deduct* | *-0.78* | |
| | | *For >50 To 100, Deduct* | *-2.76* | |
| | | *For >100, Deduct* | *-5.53* | |
| 03 15 19 00-0034 | EA | 1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 79.36 | |
| | | *For Galvanized, Add* | *30.36* | |
| | | *For Stainless Steel, Add* | *212.52* | |
| | | *For >10 To 50, Deduct* | *-0.93* | |
| | | *For >50 To 100, Deduct* | *-3.38* | |
| | | *For >100, Deduct* | *-6.76* | |
| 03 15 19 00-0035 | EA | 1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 97.45 | |
| | | *For Galvanized, Add* | *37.08* | |
| | | *For Stainless Steel, Add* | *259.56* | |
| | | *For >10 To 50, Deduct* | *-1.16* | |
| | | *For >50 To 100, Deduct* | *-4.18* | |
| | | *For >100, Deduct* | *-8.37* | |

### 03 15 19 00-0036 L-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

### 03 15 19 00-0037 3/4" And 7/8" Diameter *(03 15 19 00-0036)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0038 | EA | 3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 16.50 | |
| | | *For Galvanized, Add* | *4.46* | |
| | | *For Stainless Steel, Add* | *31.19* | |
| | | *For >10 To 50, Deduct* | *-0.38* | |
| | | *For >50 To 100, Deduct* | *-0.98* | |
| | | *For >100, Deduct* | *-1.96* | |
| 03 15 19 00-0039 | EA | 3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 19.54 | |
| | | *For Galvanized, Add* | *5.50* | |
| | | *For Stainless Steel, Add* | *38.50* | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-1.13* | |
| | | *For >100, Deduct* | *-2.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 19 00-0040 | EA | 3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 22.37 | |
| | | *For Galvanized, Add* | *6.31* | |
| | | *For Stainless Steel, Add* | *44.14* | |
| | | *For >10 To 50, Deduct* | *-0.49* | |
| | | *For >50 To 100, Deduct* | *-1.29* | |
| | | *For >100, Deduct* | *-2.58* | |
| 03 15 19 00-0041 | EA | 3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 24.49 | |
| | | *For Galvanized, Add* | *6.55* | |
| | | *For Stainless Steel, Add* | *45.85* | |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.47* | |
| | | *For >100, Deduct* | *-2.93* | |
| 03 15 19 00-0042 | EA | 3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 27.41 | |
| | | *For Galvanized, Add* | *6.88* | |
| | | *For Stainless Steel, Add* | *48.13* | |
| | | *For >10 To 50, Deduct* | *-0.68* | |
| | | *For >50 To 100, Deduct* | *-1.71* | |
| | | *For >100, Deduct* | *-3.42* | |
| 03 15 19 00-0043 | EA | 7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 19.58 | |
| | | *For Galvanized, Add* | *5.52* | |
| | | *For Stainless Steel, Add* | *38.64* | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-1.13* | |
| | | *For >100, Deduct* | *-2.26* | |
| 03 15 19 00-0044 | EA | 7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 22.63 | |
| | | *For Galvanized, Add* | *6.44* | |
| | | *For Stainless Steel, Add* | *45.05* | |
| | | *For >10 To 50, Deduct* | *-0.49* | |
| | | *For >50 To 100, Deduct* | *-1.30* | |
| | | *For >100, Deduct* | *-2.60* | |
| 03 15 19 00-0045 | EA | 7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 26.14 | |
| | | *For Galvanized, Add* | *7.38* | |
| | | *For Stainless Steel, Add* | *51.63* | |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.51* | |
| | | *For >100, Deduct* | *-3.02* | |
| 03 15 19 00-0046 | EA | 7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 28.98 | |
| | | *For Galvanized, Add* | *7.66* | |
| | | *For Stainless Steel, Add* | *53.62* | |
| | | *For >10 To 50, Deduct* | *-0.68* | |
| | | *For >50 To 100, Deduct* | *-1.75* | |
| | | *For >100, Deduct* | *-3.50* | |
| 03 15 19 00-0047 | EA | 7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 33.17 | |
| | | *For Galvanized, Add* | *8.05* | |
| | | *For Stainless Steel, Add* | *56.32* | |
| | | *For >10 To 50, Deduct* | *-0.85* | |
| | | *For >50 To 100, Deduct* | *-2.11* | |
| | | *For >100, Deduct* | *-4.22* | |

## 03 15 19 00-0048 1" And 1-1/8" Diameter *(03 15 19 00-0036)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0049 | EA | 1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 23.92 | |
| | | *For Galvanized, Add* | *7.08* | |
| | | *For Stainless Steel, Add* | *49.56* | |
| | | *For >10 To 50, Deduct* | *-0.49* | |
| | | *For >50 To 100, Deduct* | *-1.33* | |
| | | *For >100, Deduct* | *-2.66* | |
| 03 15 19 00-0050 | EA | 1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 27.31 | |
| | | *For Galvanized, Add* | *7.96* | |
| | | *For Stainless Steel, Add* | *55.72* | |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.54* | |
| | | *For >100, Deduct* | *-3.07* | |
| 03 15 19 00-0051 | EA | 1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 31.47 | |
| | | *For Galvanized, Add* | *8.91* | |
| | | *For Stainless Steel, Add* | *62.34* | |
| | | *For >10 To 50, Deduct* | *-0.68* | |
| | | *For >50 To 100, Deduct* | *-1.81* | |
| | | *For >100, Deduct* | *-3.62* | |
| 03 15 19 00-0052 | EA | 1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 33.50 | |
| | | *For Galvanized, Add* | *9.33* | |
| | | *For Stainless Steel, Add* | *65.28* | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.95* | |
| | | *For >100, Deduct* | *-3.90* | |
| 03 15 19 00-0053 | EA | 1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 36.61 | |
| | | *For Galvanized, Add* | *9.77* | |
| | | *For Stainless Steel, Add* | *68.36* | |
| | | *For >10 To 50, Deduct* | *-0.85* | |
| | | *For >50 To 100, Deduct* | *-2.20* | |
| | | *For >100, Deduct* | *-4.39* | |
| 03 15 19 00-0054 | EA | 1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 41.61 | |
| | | *For Galvanized, Add* | *11.32* | |
| | | *For Stainless Steel, Add* | *79.21* | |
| | | *For >10 To 50, Deduct* | *-0.95* | |
| | | *For >50 To 100, Deduct* | *-2.46* | |
| | | *For >100, Deduct* | *-4.93* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 19 00-0055 | EA | 1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 49.26 | |
| | | *For Galvanized, Add* | *13.25* | |
| | | *For Stainless Steel, Add* | *92.72* | |
| | | *For >10 To 50, Deduct* | *-1.14* | |
| | | *For >50 To 100, Deduct* | *-2.94* | |
| | | *For >100, Deduct* | *-5.88* | |
| 03 15 19 00-0056 | EA | 1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 30.02 | |
| | | *For Galvanized, Add* | *9.32* | |
| | | *For Stainless Steel, Add* | *65.21* | |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.60* | |
| | | *For >100, Deduct* | *-3.21* | |
| 03 15 19 00-0057 | EA | 1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 34.51 | |
| | | *For Galvanized, Add* | *10.43* | |
| | | *For Stainless Steel, Add* | *72.98* | |
| | | *For >10 To 50, Deduct* | *-0.68* | |
| | | *For >50 To 100, Deduct* | *-1.89* | |
| | | *For >100, Deduct* | *-3.77* | |
| 03 15 19 00-0058 | EA | 1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 36.66 | |
| | | *For Galvanized, Add* | *10.91* | |
| | | *For Stainless Steel, Add* | *76.34* | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-2.03* | |
| | | *For >100, Deduct* | *-4.06* | |

## 03 15 19 00-0059 1-1/4" And 1-3/8" Diameter *(03 15 19 00-0036)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0060 | EA | 1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 36.19 | |
| | | *For Galvanized, Add* | *11.27* | |
| | | *For Stainless Steel, Add* | *78.86* | |
| | | *For >10 To 50, Deduct* | *-0.68* | |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100, Deduct* | *-3.86* | |
| 03 15 19 00-0061 | EA | 1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 43.44 | |
| | | *For Galvanized, Add* | *13.18* | |
| | | *For Stainless Steel, Add* | *92.26* | |
| | | *For >10 To 50, Deduct* | *-0.85* | |
| | | *For >50 To 100, Deduct* | *-2.37* | |
| | | *For >100, Deduct* | *-4.73* | |
| 03 15 19 00-0062 | EA | 1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 47.84 | |
| | | *For Galvanized, Add* | *14.93* | |
| | | *For Stainless Steel, Add* | *104.51* | |
| | | *For >10 To 50, Deduct* | *-0.90* | |
| | | *For >50 To 100, Deduct* | *-2.54* | |
| | | *For >100, Deduct* | *-5.09* | |
| 03 15 19 00-0063 | EA | 1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 52.70 | |
| | | *For Galvanized, Add* | *16.86* | |
| | | *For Stainless Steel, Add* | *118.02* | |
| | | *For >10 To 50, Deduct* | *-0.95* | |
| | | *For >50 To 100, Deduct* | *-2.74* | |
| | | *For >100, Deduct* | *-5.48* | |
| 03 15 19 00-0064 | EA | 1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 58.02 | |
| | | *For Galvanized, Add* | *18.34* | |
| | | *For Stainless Steel, Add* | *128.35* | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-3.05* | |
| | | *For >100, Deduct* | *-6.10* | |
| 03 15 19 00-0065 | EA | 1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 63.67 | |
| | | *For Galvanized, Add* | *19.64* | |
| | | *For Stainless Steel, Add* | *137.45* | |
| | | *For >10 To 50, Deduct* | *-1.22* | |
| | | *For >50 To 100, Deduct* | *-3.42* | |
| | | *For >100, Deduct* | *-6.84* | |
| 03 15 19 00-0066 | EA | 1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 70.50 | |
| | | *For Galvanized, Add* | *21.02* | |
| | | *For Stainless Steel, Add* | *147.11* | |
| | | *For >10 To 50, Deduct* | *-1.42* | |
| | | *For >50 To 100, Deduct* | *-3.90* | |
| | | *For >100, Deduct* | *-7.80* | |
| 03 15 19 00-0067 | EA | 1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 80.65 | |
| | | *For Galvanized, Add* | *23.24* | |
| | | *For Stainless Steel, Add* | *162.68* | |
| | | *For >10 To 50, Deduct* | *-1.71* | |
| | | *For >50 To 100, Deduct* | *-4.58* | |
| | | *For >100, Deduct* | *-9.16* | |
| 03 15 19 00-0068 | EA | 1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 41.82 | |
| | | *For Galvanized, Add* | *14.08* | |
| | | *For Stainless Steel, Add* | *98.56* | |
| | | *For >10 To 50, Deduct* | *-0.68* | |
| | | *For >50 To 100, Deduct* | *-2.07* | |
| | | *For >100, Deduct* | *-4.14* | |
| 03 15 19 00-0069 | EA | 1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 50.04 | |
| | | *For Galvanized, Add* | *16.48* | |
| | | *For Stainless Steel, Add* | *115.36* | |
| | | *For >10 To 50, Deduct* | *-0.85* | |
| | | *For >50 To 100, Deduct* | *-2.53* | |
| | | *For >100, Deduct* | *-5.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 19 00-0070 | EA | 1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 55.30 | |
| | | *For Galvanized, Add* | *18.66* | |
| | | *For Stainless Steel, Add* | *130.62* | |
| | | *For >10 To 50, Deduct* | *-0.90* | |
| | | *For >50 To 100, Deduct* | *-2.73* | |
| | | *For >100, Deduct* | *-5.46* | |
| 03 15 19 00-0071 | EA | 1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 61.12 | |
| | | *For Galvanized, Add* | *21.07* | |
| | | *For Stainless Steel, Add* | *147.49* | |
| | | *For >10 To 50, Deduct* | *-0.95* | |
| | | *For >50 To 100, Deduct* | *-2.95* | |
| | | *For >100, Deduct* | *-5.90* | |
| 03 15 19 00-0072 | EA | 1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 67.20 | |
| | | *For Galvanized, Add* | *22.93* | |
| | | *For Stainless Steel, Add* | *160.48* | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-3.28* | |
| | | *For >100, Deduct* | *-6.56* | |
| 03 15 19 00-0073 | EA | 1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 73.50 | |
| | | *For Galvanized, Add* | *24.55* | |
| | | *For Stainless Steel, Add* | *171.85* | |
| | | *For >10 To 50, Deduct* | *-1.22* | |
| | | *For >50 To 100, Deduct* | *-3.67* | |
| | | *For >100, Deduct* | *-7.34* | |
| 03 15 19 00-0074 | EA | 1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 81.44 | |
| | | *For Galvanized, Add* | *26.49* | |
| | | *For Stainless Steel, Add* | *185.40* | |
| | | *For >10 To 50, Deduct* | *-1.42* | |
| | | *For >50 To 100, Deduct* | *-4.17* | |
| | | *For >100, Deduct* | *-8.34* | |
| 03 15 19 00-0075 | EA | 1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 92.28 | |
| | | *For Galvanized, Add* | *29.06* | |
| | | *For Stainless Steel, Add* | *203.39* | |
| | | *For >10 To 50, Deduct* | *-1.71* | |
| | | *For >50 To 100, Deduct* | *-4.87* | |
| | | *For >100, Deduct* | *-9.74* | |

### 03 15 19 00-0076 1-1/2", 1-3/4", And 2" Diameter *(03 15 19 00-0036)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0077 | EA | 1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 54.57 | |
| | | *For Galvanized, Add* | *19.52* | |
| | | *For Stainless Steel, Add* | *136.64* | |
| | | *For >10 To 50, Deduct* | *-0.78* | |
| | | *For >50 To 100, Deduct* | *-2.53* | |
| | | *For >100, Deduct* | *-5.06* | |
| 03 15 19 00-0078 | EA | 1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 58.92 | |
| | | *For Galvanized, Add* | *20.47* | |
| | | *For Stainless Steel, Add* | *143.29* | |
| | | *For >10 To 50, Deduct* | *-0.90* | |
| | | *For >50 To 100, Deduct* | *-2.82* | |
| | | *For >100, Deduct* | *-5.64* | |
| 03 15 19 00-0079 | EA | 1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 65.15 | |
| | | *For Galvanized, Add* | *22.53* | |
| | | *For Stainless Steel, Add* | *157.68* | |
| | | *For >10 To 50, Deduct* | *-1.01* | |
| | | *For >50 To 100, Deduct* | *-3.14* | |
| | | *For >100, Deduct* | *-6.27* | |
| 03 15 19 00-0080 | EA | 1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 70.57 | |
| | | *For Galvanized, Add* | *24.61* | |
| | | *For Stainless Steel, Add* | *172.27* | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-3.37* | |
| | | *For >100, Deduct* | *-6.73* | |
| 03 15 19 00-0081 | EA | 1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 76.16 | |
| | | *For Galvanized, Add* | *26.70* | |
| | | *For Stainless Steel, Add* | *186.87* | |
| | | *For >10 To 50, Deduct* | *-1.14* | |
| | | *For >50 To 100, Deduct* | *-3.61* | |
| | | *For >100, Deduct* | *-7.22* | |
| 03 15 19 00-0082 | EA | 1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 83.70 | |
| | | *For Galvanized, Add* | *28.71* | |
| | | *For Stainless Steel, Add* | *200.94* | |
| | | *For >10 To 50, Deduct* | *-1.31* | |
| | | *For >50 To 100, Deduct* | *-4.06* | |
| | | *For >100, Deduct* | *-8.13* | |
| 03 15 19 00-0083 | EA | 1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 93.17 | |
| | | *For Galvanized, Add* | *31.06* | |
| | | *For Stainless Steel, Add* | *217.39* | |
| | | *For >10 To 50, Deduct* | *-1.55* | |
| | | *For >50 To 100, Deduct* | *-4.66* | |
| | | *For >100, Deduct* | *-9.32* | |
| 03 15 19 00-0084 | EA | 1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 106.84 | |
| | | *For Galvanized, Add* | *34.44* | |
| | | *For Stainless Steel, Add* | *241.08* | |
| | | *For >10 To 50, Deduct* | *-1.90* | |
| | | *For >50 To 100, Deduct* | *-5.52* | |
| | | *For >100, Deduct* | *-11.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 19 00-0085 | EA | 1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 75.81 | |
| | | *For Galvanized, Add* | *29.37* | |
| | | *For Stainless Steel, Add* | *205.56* | |
| | | *For >10 To 50, Deduct* | *-0.85* | |
| | | *For >50 To 100, Deduct* | *-3.18* | |
| | | *For >100, Deduct* | *-6.35* | |
| 03 15 19 00-0086 | EA | 1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 78.99 | |
| | | *For Galvanized, Add* | *30.01* | |
| | | *For Stainless Steel, Add* | *210.04* | |
| | | *For >10 To 50, Deduct* | *-0.95* | |
| | | *For >50 To 100, Deduct* | *-3.40* | |
| | | *For >100, Deduct* | *-6.80* | |
| 03 15 19 00-0087 | EA | 1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 81.08 | |
| | | *For Galvanized, Add* | *30.49* | |
| | | *For Stainless Steel, Add* | *213.43* | |
| | | *For >10 To 50, Deduct* | *-1.01* | |
| | | *For >50 To 100, Deduct* | *-3.53* | |
| | | *For >100, Deduct* | *-7.07* | |
| 03 15 19 00-0088 | EA | 1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 91.78 | |
| | | *For Galvanized, Add* | *35.22* | |
| | | *For Stainless Steel, Add* | *246.51* | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-3.90* | |
| | | *For >100, Deduct* | *-7.79* | |
| 03 15 19 00-0089 | EA | 1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 105.70 | |
| | | *For Galvanized, Add* | *40.65* | |
| | | *For Stainless Steel, Add* | *284.55* | |
| | | *For >10 To 50, Deduct* | *-1.22* | |
| | | *For >50 To 100, Deduct* | *-4.47* | |
| | | *For >100, Deduct* | *-8.95* | |
| 03 15 19 00-0090 | EA | 1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 110.84 | |
| | | *For Galvanized, Add* | *41.19* | |
| | | *For Stainless Steel, Add* | *288.30* | |
| | | *For >10 To 50, Deduct* | *-1.42* | |
| | | *For >50 To 100, Deduct* | *-4.91* | |
| | | *For >100, Deduct* | *-9.81* | |
| 03 15 19 00-0091 | EA | 1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 123.12 | |
| | | *For Galvanized, Add* | *44.48* | |
| | | *For Stainless Steel, Add* | *311.33* | |
| | | *For >10 To 50, Deduct* | *-1.71* | |
| | | *For >50 To 100, Deduct* | *-5.64* | |
| | | *For >100, Deduct* | *-11.28* | |
| 03 15 19 00-0092 | EA | 1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 138.50 | |
| | | *For Galvanized, Add* | *47.90* | |
| | | *For Stainless Steel, Add* | *335.30* | |
| | | *For >10 To 50, Deduct* | *-2.14* | |
| | | *For >50 To 100, Deduct* | *-6.67* | |
| | | *For >100, Deduct* | *-13.33* | |
| 03 15 19 00-0093 | EA | 2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 109.51 | |
| | | *For Galvanized, Add* | *44.71* | |
| | | *For Stainless Steel, Add* | *312.94* | |
| | | *For >10 To 50, Deduct* | *-1.01* | |
| | | *For >50 To 100, Deduct* | *-4.25* | |
| | | *For >100, Deduct* | *-8.49* | |
| 03 15 19 00-0094 | EA | 2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 119.43 | |
| | | *For Galvanized, Add* | *48.33* | |
| | | *For Stainless Steel, Add* | *338.31* | |
| | | *For >10 To 50, Deduct* | *-1.14* | |
| | | *For >50 To 100, Deduct* | *-4.69* | |
| | | *For >100, Deduct* | *-9.39* | |
| 03 15 19 00-0095 | EA | 2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 131.65 | |
| | | *For Galvanized, Add* | *52.68* | |
| | | *For Stainless Steel, Add* | *368.76* | |
| | | *For >10 To 50, Deduct* | *-1.31* | |
| | | *For >50 To 100, Deduct* | *-5.26* | |
| | | *For >100, Deduct* | *-10.53* | |
| 03 15 19 00-0096 | EA | 2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 142.64 | |
| | | *For Galvanized, Add* | *55.79* | |
| | | *For Stainless Steel, Add* | *390.53* | |
| | | *For >10 To 50, Deduct* | *-1.55* | |
| | | *For >50 To 100, Deduct* | *-5.90* | |
| | | *For >100, Deduct* | *-11.79* | |
| 03 15 19 00-0097 | EA | 2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 154.07 | |
| | | *For Galvanized, Add* | *59.95* | |
| | | *For Stainless Steel, Add* | *419.65* | |
| | | *For >10 To 50, Deduct* | *-1.71* | |
| | | *For >50 To 100, Deduct* | *-6.41* | |
| | | *For >100, Deduct* | *-12.83* | |
| 03 15 19 00-0098 | EA | 2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 165.99 | |
| | | *For Galvanized, Add* | *64.02* | |
| | | *For Stainless Steel, Add* | *448.11* | |
| | | *For >10 To 50, Deduct* | *-1.90* | |
| | | *For >50 To 100, Deduct* | *-7.00* | |
| | | *For >100, Deduct* | *-13.99* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 19 00-0099 | EA | 2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 186.31 | |
| | | *For Galvanized, Add* | *68.75* | |
| | | *For Stainless Steel, Add* | *481.25* | |
| | | *For >10 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-8.32* | |
| | | *For >100, Deduct* | *-16.64* | |
| 03 15 19 00-0100 | EA | 2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 199.97 | |
| | | *For Galvanized, Add* | *75.58* | |
| | | *For Stainless Steel, Add* | *529.06* | |
| | | *For >10 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-8.66* | |
| | | *For >100, Deduct* | *-17.32* | |
| 03 15 19 00-0101 | EA | 2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 224.97 | |
| | | *For Galvanized, Add* | *84.02* | |
| | | *For Stainless Steel, Add* | *588.11* | |
| | | *For >10 To 50, Deduct* | *-2.85* | |
| | | *For >50 To 100, Deduct* | *-9.89* | |
| | | *For >100, Deduct* | *-19.79* | |

## 03 15 19 00-0102 2-1/2" And 2-3/4" Diameter *(03 15 19 00-0036)*

| | | | | |
|---|---|---|---|---|
| 03 15 19 00-0103 | EA | 2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 218.74 | |
| | | *For Galvanized, Add* | *99.32* | |
| | | *For Stainless Steel, Add* | *695.24* | |
| | | *For >10 To 50, Deduct* | *-1.01* | |
| | | *For >50 To 100, Deduct* | *-6.98* | |
| | | *For >100, Deduct* | *-13.95* | |
| 03 15 19 00-0104 | EA | 2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 230.40 | |
| | | *For Galvanized, Add* | *103.82* | |
| | | *For Stainless Steel, Add* | *726.71* | |
| | | *For >10 To 50, Deduct* | *-1.14* | |
| | | *For >50 To 100, Deduct* | *-7.47* | |
| | | *For >100, Deduct* | *-14.94* | |
| 03 15 19 00-0105 | EA | 2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 251.46 | |
| | | *For Galvanized, Add* | *112.59* | |
| | | *For Stainless Steel, Add* | *788.10* | |
| | | *For >10 To 50, Deduct* | *-1.31* | |
| | | *For >50 To 100, Deduct* | *-8.26* | |
| | | *For >100, Deduct* | *-16.52* | |
| 03 15 19 00-0106 | EA | 2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 268.36 | |
| | | *For Galvanized, Add* | *118.65* | |
| | | *For Stainless Steel, Add* | *830.55* | |
| | | *For >10 To 50, Deduct* | *-1.55* | |
| | | *For >50 To 100, Deduct* | *-9.04* | |
| | | *For >100, Deduct* | *-18.08* | |
| 03 15 19 00-0107 | EA | 2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 284.19 | |
| | | *For Galvanized, Add* | *125.01* | |
| | | *For Stainless Steel, Add* | *875.07* | |
| | | *For >10 To 50, Deduct* | *-1.71* | |
| | | *For >50 To 100, Deduct* | *-9.67* | |
| | | *For >100, Deduct* | *-19.34* | |
| 03 15 19 00-0108 | EA | 2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 302.23 | |
| | | *For Galvanized, Add* | *132.14* | |
| | | *For Stainless Steel, Add* | *924.95* | |
| | | *For >10 To 50, Deduct* | *-1.90* | |
| | | *For >50 To 100, Deduct* | *-10.40* | |
| | | *For >100, Deduct* | *-20.81* | |
| 03 15 19 00-0109 | EA | 2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 327.67 | |
| | | *For Galvanized, Add* | *139.43* | |
| | | *For Stainless Steel, Add* | *976.01* | |
| | | *For >10 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-11.85* | |
| | | *For >100, Deduct* | *-23.71* | |
| 03 15 19 00-0110 | EA | 2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 246.23 | |
| | | *For Galvanized, Add* | *112.44* | |
| | | *For Stainless Steel, Add* | *787.08* | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-7.76* | |
| | | *For >100, Deduct* | *-15.51* | |
| 03 15 19 00-0111 | EA | 2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 264.95 | |
| | | *For Galvanized, Add* | *120.28* | |
| | | *For Stainless Steel, Add* | *841.93* | |
| | | *For >10 To 50, Deduct* | *-1.22* | |
| | | *For >50 To 100, Deduct* | *-8.45* | |
| | | *For >100, Deduct* | *-16.91* | |
| 03 15 19 00-0112 | EA | 2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 284.84 | |
| | | *For Galvanized, Add* | *128.19* | |
| | | *For Stainless Steel, Add* | *897.30* | |
| | | *For >10 To 50, Deduct* | *-1.42* | |
| | | *For >50 To 100, Deduct* | *-9.26* | |
| | | *For >100, Deduct* | *-18.51* | |
| 03 15 19 00-0113 | EA | 2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 304.79 | |
| | | *For Galvanized, Add* | *135.31* | |
| | | *For Stainless Steel, Add* | *947.17* | |
| | | *For >10 To 50, Deduct* | *-1.71* | |
| | | *For >50 To 100, Deduct* | *-10.18* | |
| | | *For >100, Deduct* | *-20.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 15 19 00-0114 | EA | 2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 324.15 | |
| | | *For Galvanized, Add* | *143.10* | |
| | | *For Stainless Steel, Add* | *1,001.67* | |
| | | *For >10 To 50, Deduct* | *-1.90* | |
| | | *For >50 To 100, Deduct* | *-10.95* | |
| | | *For >100, Deduct* | *-21.90* | |
| 03 15 19 00-0115 | EA | 2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 351.00 | |
| | | *For Galvanized, Add* | *154.15* | |
| | | *For Stainless Steel, Add* | *1,079.05* | |
| | | *For >10 To 50, Deduct* | *-2.14* | |
| | | *For >50 To 100, Deduct* | *-11.98* | |
| | | *For >100, Deduct* | *-23.96* | |
| 03 15 19 00-0116 | EA | 2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt | 382.19 | |
| | | *For Galvanized, Add* | *162.63* | |
| | | *For Stainless Steel, Add* | *1,138.38* | |
| | | *For >10 To 50, Deduct* | *-2.85* | |
| | | *For >50 To 100, Deduct* | *-13.83* | |
| | | *For >100, Deduct* | *-27.65* | |

## 03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

### 03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

#### 03 21 11 Plain Steel Reinforcement Bars *(03 21)*

| | | | |
|---|---|---|---|
| 03 21 11 00-0001 | | Beams And Girders, Steel Reinforcement Bar *(03 21 11)* | |
| | | Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel. | |
| 03 21 11 00-0002 | LF | #3, Grade 40, Beams And Girders, Steel Reinforcement Bar | 0.61 |
| 03 21 11 00-0003 | LF | #4, Grade 40, Beams And Girders, Steel Reinforcement Bar | 1.02 |
| 03 21 11 00-0004 | LF | #5, Grade 40, Beams And Girders, Steel Reinforcement Bar | 1.53 |
| 03 21 11 00-0005 | LF | #6, Grade 40, Beams And Girders, Steel Reinforcement Bar | 2.11 |
| 03 21 11 00-0006 | LF | #3, Grade 50, Beams And Girders, Steel Reinforcement Bar | 0.62 |
| 03 21 11 00-0007 | LF | #4, Grade 50, Beams And Girders, Steel Reinforcement Bar | 1.04 |
| 03 21 11 00-0008 | LF | #5, Grade 50, Beams And Girders, Steel Reinforcement Bar | 1.56 |
| 03 21 11 00-0009 | LF | #6, Grade 50, Beams And Girders, Steel Reinforcement Bar | 2.16 |
| 03 21 11 00-0010 | LF | #3, Grade 60, Beams And Girders, Steel Reinforcement Bar | 0.64 |
| 03 21 11 00-0011 | LF | #4, Grade 60, Beams And Girders, Steel Reinforcement Bar | 1.07 |
| 03 21 11 00-0012 | LF | #5, Grade 60, Beams And Girders, Steel Reinforcement Bar | 1.61 |
| 03 21 11 00-0013 | LF | #6, Grade 60, Beams And Girders, Steel Reinforcement Bar | 2.23 |
| 03 21 11 00-0014 | LF | #7, Grade 60, Beams And Girders, Steel Reinforcement Bar | 2.87 |
| 03 21 11 00-0015 | LF | #8, Grade 60, Beams And Girders, Steel Reinforcement Bar | 3.57 |
| 03 21 11 00-0016 | LF | #9, Grade 60, Beams And Girders, Steel Reinforcement Bar | 4.37 |
| 03 21 11 00-0017 | LF | #10, Grade 60, Beams And Girders, Steel Reinforcement Bar | 5.32 |
| 03 21 11 00-0018 | LF | #11, Grade 60, Beams And Girders, Steel Reinforcement Bar | 6.32 |
| 03 21 11 00-0019 | LF | #14, Grade 60, Beams And Girders, Steel Reinforcement Bar | 8.73 |
| 03 21 11 00-0020 | LF | #18, Grade 60, Beams And Girders, Steel Reinforcement Bar | 14.87 |
| 03 21 11 00-0021 | LF | #6, Grade 75, Beams And Girders, Steel Reinforcement Bar | 2.30 |
| 03 21 11 00-0022 | LF | #7, Grade 75, Beams And Girders, Steel Reinforcement Bar | 2.97 |
| 03 21 11 00-0023 | LF | #8, Grade 75, Beams And Girders, Steel Reinforcement Bar | 3.69 |
| 03 21 11 00-0024 | LF | #9, Grade 75, Beams And Girders, Steel Reinforcement Bar | 4.53 |
| 03 21 11 00-0025 | LF | #10, Grade 75, Beams And Girders, Steel Reinforcement Bar | 5.53 |
| 03 21 11 00-0026 | LF | #11, Grade 75, Beams And Girders, Steel Reinforcement Bar | 6.57 |
| 03 21 11 00-0027 | LF | #14, Grade 75, Beams And Girders, Steel Reinforcement Bar | 9.09 |
| 03 21 11 00-0028 | LF | #18, Grade 75, Beams And Girders, Steel Reinforcement Bar | 15.52 |
| 03 21 11 00-0029 | LF | #3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 0.65 |
| 03 21 11 00-0030 | LF | #4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 1.10 |
| 03 21 11 00-0031 | LF | #5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 1.65 |
| 03 21 11 00-0032 | LF | #6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 2.28 |
| 03 21 11 00-0033 | LF | #7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 2.94 |
| 03 21 11 00-0034 | LF | #8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 3.66 |
| 03 21 11 00-0035 | LF | #9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 4.49 |
| 03 21 11 00-0036 | LF | #10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 5.48 |
| 03 21 11 00-0037 | LF | #11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 6.51 |
| 03 21 11 00-0038 | LF | #14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 9.00 |
| 03 21 11 00-0039 | LF | #18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar | 15.36 |
| 03 21 11 00-0040 | | Columns, Steel Reinforcement Bar *(03 21 11)* | |
| | | Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel. | |
| 03 21 11 00-0041 | LF | #3, Grade 40, Columns, Steel Reinforcement Bar | 0.64 |
| 03 21 11 00-0042 | LF | #4, Grade 40, Columns, Steel Reinforcement Bar | 1.09 |
| 03 21 11 00-0043 | LF | #5, Grade 40, Columns, Steel Reinforcement Bar | 1.61 |
| 03 21 11 00-0044 | LF | #6, Grade 40, Columns, Steel Reinforcement Bar | 2.22 |
| 03 21 11 00-0045 | LF | #3, Grade 50, Columns, Steel Reinforcement Bar | 0.65 |
| 03 21 11 00-0046 | LF | #4, Grade 50, Columns, Steel Reinforcement Bar | 1.11 |
| 03 21 11 00-0047 | LF | #5, Grade 50, Columns, Steel Reinforcement Bar | 1.64 |
| 03 21 11 00-0048 | LF | #6, Grade 50, Columns, Steel Reinforcement Bar | 2.27 |
| 03 21 11 00-0049 | LF | #3, Grade 60, Columns, Steel Reinforcement Bar | 0.67 |
| 03 21 11 00-0050 | LF | #4, Grade 60, Columns, Steel Reinforcement Bar | 1.14 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 11 00-0051 | LF | #5, Grade 60, Columns, Steel Reinforcement Bar | 1.69 | |
| 03 21 11 00-0052 | LF | #6, Grade 60, Columns, Steel Reinforcement Bar | 2.34 | |
| 03 21 11 00-0053 | LF | #7, Grade 60, Columns, Steel Reinforcement Bar | 3.02 | |
| 03 21 11 00-0054 | LF | #8, Grade 60, Columns, Steel Reinforcement Bar | 3.73 | |
| 03 21 11 00-0055 | LF | #9, Grade 60, Columns, Steel Reinforcement Bar | 4.56 | |
| 03 21 11 00-0056 | LF | #10, Grade 60, Columns, Steel Reinforcement Bar | 5.54 | |
| 03 21 11 00-0057 | LF | #11, Grade 60, Columns, Steel Reinforcement Bar | 6.57 | |
| 03 21 11 00-0058 | LF | #14, Grade 60, Columns, Steel Reinforcement Bar | 9.07 | |
| 03 21 11 00-0059 | LF | #18, Grade 60, Columns, Steel Reinforcement Bar | 15.39 | |
| 03 21 11 00-0060 | LF | #6, Grade 75, Columns, Steel Reinforcement Bar | 2.41 | |
| 03 21 11 00-0061 | LF | #7, Grade 75, Columns, Steel Reinforcement Bar | 3.12 | |
| 03 21 11 00-0062 | LF | #8, Grade 75, Columns, Steel Reinforcement Bar | 3.85 | |
| 03 21 11 00-0063 | LF | #9, Grade 75, Columns, Steel Reinforcement Bar | 4.72 | |
| 03 21 11 00-0064 | LF | #10, Grade 75, Columns, Steel Reinforcement Bar | 5.75 | |
| 03 21 11 00-0065 | LF | #11, Grade 75, Columns, Steel Reinforcement Bar | 6.82 | |
| 03 21 11 00-0066 | LF | #14, Grade 75, Columns, Steel Reinforcement Bar | 9.43 | |
| 03 21 11 00-0067 | LF | #18, Grade 75, Columns, Steel Reinforcement Bar | 16.04 | |
| 03 21 11 00-0068 | LF | #3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 0.68 | |
| 03 21 11 00-0069 | LF | #4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 1.17 | |
| 03 21 11 00-0070 | LF | #5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 1.73 | |
| 03 21 11 00-0071 | LF | #6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 2.39 | |
| 03 21 11 00-0072 | LF | #7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 3.09 | |
| 03 21 11 00-0073 | LF | #8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 3.82 | |
| 03 21 11 00-0074 | LF | #9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 4.68 | |
| 03 21 11 00-0075 | LF | #10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 5.70 | |
| 03 21 11 00-0076 | LF | #11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 6.76 | |
| 03 21 11 00-0077 | LF | #14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 9.34 | |
| 03 21 11 00-0078 | LF | #18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar | 15.88 | |

### 03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 11 00-0080 | LF | #3, Grade 40, Footings, Steel Reinforcement Bar | 0.56 | |
| 03 21 11 00-0081 | LF | #4, Grade 40, Footings, Steel Reinforcement Bar | 0.94 | |
| 03 21 11 00-0082 | LF | #5, Grade 40, Footings, Steel Reinforcement Bar | 1.40 | |
| 03 21 11 00-0083 | LF | #6, Grade 40, Footings, Steel Reinforcement Bar | 1.93 | |
| 03 21 11 00-0084 | LF | #3, Grade 50, Footings, Steel Reinforcement Bar | 0.57 | |
| 03 21 11 00-0085 | LF | #4, Grade 50, Footings, Steel Reinforcement Bar | 0.96 | |
| 03 21 11 00-0086 | LF | #5, Grade 50, Footings, Steel Reinforcement Bar | 1.43 | |
| 03 21 11 00-0087 | LF | #6, Grade 50, Footings, Steel Reinforcement Bar | 1.98 | |
| 03 21 11 00-0088 | LF | #3, Grade 60, Footings, Steel Reinforcement Bar | 0.59 | |
| 03 21 11 00-0089 | LF | #4, Grade 60, Footings, Steel Reinforcement Bar | 0.99 | |
| 03 21 11 00-0090 | LF | #5, Grade 60, Footings, Steel Reinforcement Bar | 1.48 | |
| 03 21 11 00-0091 | LF | #6, Grade 60, Footings, Steel Reinforcement Bar | 2.05 | |
| 03 21 11 00-0092 | LF | #7, Grade 60, Footings, Steel Reinforcement Bar | 2.66 | |
| 03 21 11 00-0093 | LF | #8, Grade 60, Footings, Steel Reinforcement Bar | 3.32 | |
| 03 21 11 00-0094 | LF | #9, Grade 60, Footings, Steel Reinforcement Bar | 4.07 | |
| 03 21 11 00-0095 | LF | #10, Grade 60, Footings, Steel Reinforcement Bar | 4.98 | |
| 03 21 11 00-0096 | LF | #11, Grade 60, Footings, Steel Reinforcement Bar | 5.94 | |
| 03 21 11 00-0097 | LF | #14, Grade 60, Footings, Steel Reinforcement Bar | 8.24 | |
| 03 21 11 00-0098 | LF | #18, Grade 60, Footings, Steel Reinforcement Bar | 14.08 | |
| 03 21 11 00-0099 | LF | #6, Grade 75, Footings, Steel Reinforcement Bar | 2.12 | |
| 03 21 11 00-0100 | LF | #7, Grade 75, Footings, Steel Reinforcement Bar | 2.76 | |
| 03 21 11 00-0101 | LF | #8, Grade 75, Footings, Steel Reinforcement Bar | 3.44 | |
| 03 21 11 00-0102 | LF | #9, Grade 75, Footings, Steel Reinforcement Bar | 4.23 | |
| 03 21 11 00-0103 | LF | #10, Grade 75, Footings, Steel Reinforcement Bar | 5.19 | |
| 03 21 11 00-0104 | LF | #11, Grade 75, Footings, Steel Reinforcement Bar | 6.19 | |
| 03 21 11 00-0105 | LF | #14, Grade 75, Footings, Steel Reinforcement Bar | 8.60 | |
| 03 21 11 00-0106 | LF | #18, Grade 75, Footings, Steel Reinforcement Bar | 14.73 | |
| 03 21 11 00-0107 | LF | #3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 0.60 | |
| 03 21 11 00-0108 | LF | #4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 1.02 | |
| 03 21 11 00-0109 | LF | #5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 1.52 | |
| 03 21 11 00-0110 | LF | #6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 2.10 | |
| 03 21 11 00-0111 | LF | #7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 2.73 | |
| 03 21 11 00-0112 | LF | #8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 3.41 | |
| 03 21 11 00-0113 | LF | #9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 4.19 | |
| 03 21 11 00-0114 | LF | #10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 5.14 | |
| 03 21 11 00-0115 | LF | #11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 6.13 | |
| 03 21 11 00-0116 | LF | #14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 8.51 | |
| 03 21 11 00-0117 | LF | #18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar | 14.57 | |

### 03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 11 00-0119 | LF | #3, Grade 40, Slab On Grade, Steel Reinforcement Bar | 0.54 | |
| 03 21 11 00-0120 | LF | #4, Grade 40, Slab On Grade, Steel Reinforcement Bar | 0.91 | |
| 03 21 11 00-0121 | LF | #5, Grade 40, Slab On Grade, Steel Reinforcement Bar | 1.36 | |
| 03 21 11 00-0122 | LF | #6, Grade 40, Slab On Grade, Steel Reinforcement Bar | 1.87 | |
| 03 21 11 00-0123 | LF | #3, Grade 50, Slab On Grade, Steel Reinforcement Bar | 0.55 | |
| 03 21 11 00-0124 | LF | #4, Grade 50, Slab On Grade, Steel Reinforcement Bar | 0.93 | |
| 03 21 11 00-0125 | LF | #5, Grade 50, Slab On Grade, Steel Reinforcement Bar | 1.39 | |
| 03 21 11 00-0126 | LF | #6, Grade 50, Slab On Grade, Steel Reinforcement Bar | 1.92 | |
| 03 21 11 00-0127 | LF | #3, Grade 60, Slab On Grade, Steel Reinforcement Bar | 0.57 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 11 00-0128 | LF | #4, Grade 60, Slab On Grade, Steel Reinforcement Bar | 0.96 | |
| 03 21 11 00-0129 | LF | #5, Grade 60, Slab On Grade, Steel Reinforcement Bar | 1.44 | |
| 03 21 11 00-0130 | LF | #6, Grade 60, Slab On Grade, Steel Reinforcement Bar | 1.99 | |
| 03 21 11 00-0131 | LF | #7, Grade 60, Slab On Grade, Steel Reinforcement Bar | 2.60 | |
| 03 21 11 00-0132 | LF | #8, Grade 60, Slab On Grade, Steel Reinforcement Bar | 3.24 | |
| 03 21 11 00-0133 | LF | #9, Grade 60, Slab On Grade, Steel Reinforcement Bar | 3.98 | |
| 03 21 11 00-0134 | LF | #10, Grade 60, Slab On Grade, Steel Reinforcement Bar | 4.86 | |
| 03 21 11 00-0135 | LF | #11, Grade 60, Slab On Grade, Steel Reinforcement Bar | 5.81 | |
| 03 21 11 00-0136 | LF | #14, Grade 60, Slab On Grade, Steel Reinforcement Bar | 8.07 | |
| 03 21 11 00-0137 | LF | #18, Grade 60, Slab On Grade, Steel Reinforcement Bar | 13.82 | |
| 03 21 11 00-0138 | LF | #6, Grade 75, Slab On Grade, Steel Reinforcement Bar | 2.06 | |
| 03 21 11 00-0139 | LF | #7, Grade 75, Slab On Grade, Steel Reinforcement Bar | 2.70 | |
| 03 21 11 00-0140 | LF | #8, Grade 75, Slab On Grade, Steel Reinforcement Bar | 3.36 | |
| 03 21 11 00-0141 | LF | #9, Grade 75, Slab On Grade, Steel Reinforcement Bar | 4.14 | |
| 03 21 11 00-0142 | LF | #10, Grade 75, Slab On Grade, Steel Reinforcement Bar | 5.07 | |
| 03 21 11 00-0143 | LF | #11, Grade 75, Slab On Grade, Steel Reinforcement Bar | 6.06 | |
| 03 21 11 00-0144 | LF | #14, Grade 75, Slab On Grade, Steel Reinforcement Bar | 8.43 | |
| 03 21 11 00-0145 | LF | #18, Grade 75, Slab On Grade, Steel Reinforcement Bar | 14.47 | |
| 03 21 11 00-0146 | LF | #3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 0.58 | |
| 03 21 11 00-0147 | LF | #4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 0.99 | |
| 03 21 11 00-0148 | LF | #5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 1.48 | |
| 03 21 11 00-0149 | LF | #6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 2.04 | |
| 03 21 11 00-0150 | LF | #7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 2.67 | |
| 03 21 11 00-0151 | LF | #8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 3.33 | |
| 03 21 11 00-0152 | LF | #9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 4.10 | |
| 03 21 11 00-0153 | LF | #10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 5.02 | |
| 03 21 11 00-0154 | LF | #11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 6.00 | |
| 03 21 11 00-0155 | LF | #14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 8.34 | |
| 03 21 11 00-0156 | LF | #18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 14.31 | |

### 03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 11 00-0158 | LF | #3, Grade 40, Elevated Slabs, Steel Reinforcement Bar | 0.50 | |
| 03 21 11 00-0159 | LF | #4, Grade 40, Elevated Slabs, Steel Reinforcement Bar | 0.84 | |
| 03 21 11 00-0160 | LF | #5, Grade 40, Elevated Slabs, Steel Reinforcement Bar | 1.27 | |
| 03 21 11 00-0161 | LF | #6, Grade 40, Elevated Slabs, Steel Reinforcement Bar | 1.75 | |
| 03 21 11 00-0162 | LF | #3, Grade 50, Elevated Slabs, Steel Reinforcement Bar | 0.51 | |
| 03 21 11 00-0163 | LF | #4, Grade 50, Elevated Slabs, Steel Reinforcement Bar | 0.86 | |
| 03 21 11 00-0164 | LF | #5, Grade 50, Elevated Slabs, Steel Reinforcement Bar | 1.30 | |
| 03 21 11 00-0165 | LF | #6, Grade 50, Elevated Slabs, Steel Reinforcement Bar | 1.80 | |
| 03 21 11 00-0166 | LF | #3, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 0.53 | |
| 03 21 11 00-0167 | LF | #4, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 0.89 | |
| 03 21 11 00-0168 | LF | #5, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 1.35 | |
| 03 21 11 00-0169 | LF | #6, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 1.87 | |
| 03 21 11 00-0170 | LF | #7, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 2.45 | |
| 03 21 11 00-0171 | LF | #8, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 3.07 | |
| 03 21 11 00-0172 | LF | #9, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 3.79 | |
| 03 21 11 00-0173 | LF | #10, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 4.64 | |
| 03 21 11 00-0174 | LF | #11, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 5.56 | |
| 03 21 11 00-0175 | LF | #14, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 7.74 | |
| 03 21 11 00-0176 | LF | #18, Grade 60, Elevated Slabs, Steel Reinforcement Bar | 13.31 | |
| 03 21 11 00-0177 | LF | #6, Grade 75, Elevated Slabs, Steel Reinforcement Bar | 1.94 | |
| 03 21 11 00-0178 | LF | #7, Grade 75, Elevated Slabs, Steel Reinforcement Bar | 2.55 | |
| 03 21 11 00-0179 | LF | #8, Grade 75, Elevated Slabs, Steel Reinforcement Bar | 3.19 | |
| 03 21 11 00-0180 | LF | #9, Grade 75, Elevated Slabs, Steel Reinforcement Bar | 3.95 | |
| 03 21 11 00-0181 | LF | #10, Grade 75, Elevated Slabs, Steel Reinforcement Bar | 4.85 | |
| 03 21 11 00-0182 | LF | #11, Grade 75, Elevated Slabs, Steel Reinforcement Bar | 5.81 | |
| 03 21 11 00-0183 | LF | #14, Grade 75, Elevated Slabs, Steel Reinforcement Bar | 8.10 | |
| 03 21 11 00-0184 | LF | #18, Grade 75, Elevated Slabs, Steel Reinforcement Bar | 13.96 | |
| 03 21 11 00-0185 | LF | #3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 0.54 | |
| 03 21 11 00-0186 | LF | #4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 0.92 | |
| 03 21 11 00-0187 | LF | #5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 1.39 | |
| 03 21 11 00-0188 | LF | #6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 1.92 | |
| 03 21 11 00-0189 | LF | #7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 2.52 | |
| 03 21 11 00-0190 | LF | #8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 3.16 | |
| 03 21 11 00-0191 | LF | #9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 3.91 | |
| 03 21 11 00-0192 | LF | #10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 4.80 | |
| 03 21 11 00-0193 | LF | #11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 5.75 | |
| 03 21 11 00-0194 | LF | #14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 8.01 | |
| 03 21 11 00-0195 | LF | #18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | 13.80 | |

### 03 21 11 00-0196 Walls, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 11 00-0197 | LF | #3, Grade 40, Walls, Steel Reinforcement Bar | 0.48 | |
| 03 21 11 00-0198 | LF | #4, Grade 40, Walls, Steel Reinforcement Bar | 0.81 | |
| 03 21 11 00-0199 | LF | #5, Grade 40, Walls, Steel Reinforcement Bar | 1.22 | |
| 03 21 11 00-0200 | LF | #6, Grade 40, Walls, Steel Reinforcement Bar | 1.69 | |
| 03 21 11 00-0201 | LF | #3, Grade 50, Walls, Steel Reinforcement Bar | 0.49 | |
| 03 21 11 00-0202 | LF | #4, Grade 50, Walls, Steel Reinforcement Bar | 0.83 | |
| 03 21 11 00-0203 | LF | #5, Grade 50, Walls, Steel Reinforcement Bar | 1.25 | |
| 03 21 11 00-0204 | LF | #6, Grade 50, Walls, Steel Reinforcement Bar | 1.74 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 11 00-0205 | LF | #3, Grade 60, Walls, Steel Reinforcement Bar | 0.51 | |
| 03 21 11 00-0206 | LF | #4, Grade 60, Walls, Steel Reinforcement Bar | 0.86 | |
| 03 21 11 00-0207 | LF | #5, Grade 60, Walls, Steel Reinforcement Bar | 1.30 | |
| 03 21 11 00-0208 | LF | #6, Grade 60, Walls, Steel Reinforcement Bar | 1.81 | |
| 03 21 11 00-0209 | LF | #7, Grade 60, Walls, Steel Reinforcement Bar | 2.37 | |
| 03 21 11 00-0210 | LF | #8, Grade 60, Walls, Steel Reinforcement Bar | 2.99 | |
| 03 21 11 00-0211 | LF | #9, Grade 60, Walls, Steel Reinforcement Bar | 3.69 | |
| 03 21 11 00-0212 | LF | #10, Grade 60, Walls, Steel Reinforcement Bar | 4.53 | |
| 03 21 11 00-0213 | LF | #11, Grade 60, Walls, Steel Reinforcement Bar | 5.43 | |
| 03 21 11 00-0214 | LF | #14, Grade 60, Walls, Steel Reinforcement Bar | 7.58 | |
| 03 21 11 00-0215 | LF | #18, Grade 60, Walls, Steel Reinforcement Bar | 13.05 | |
| 03 21 11 00-0216 | LF | #6, Grade 75, Walls, Steel Reinforcement Bar | 1.88 | |
| 03 21 11 00-0217 | LF | #7, Grade 75, Walls, Steel Reinforcement Bar | 2.47 | |
| 03 21 11 00-0218 | LF | #8, Grade 75, Walls, Steel Reinforcement Bar | 3.11 | |
| 03 21 11 00-0219 | LF | #9, Grade 75, Walls, Steel Reinforcement Bar | 3.85 | |
| 03 21 11 00-0220 | LF | #10, Grade 75, Walls, Steel Reinforcement Bar | 4.74 | |
| 03 21 11 00-0221 | LF | #11, Grade 75, Walls, Steel Reinforcement Bar | 5.68 | |
| 03 21 11 00-0222 | LF | #14, Grade 75, Walls, Steel Reinforcement Bar | 7.94 | |
| 03 21 11 00-0223 | LF | #18, Grade 75, Walls, Steel Reinforcement Bar | 13.70 | |
| 03 21 11 00-0224 | LF | #3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 0.52 | |
| 03 21 11 00-0225 | LF | #4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 0.89 | |
| 03 21 11 00-0226 | LF | #5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 1.34 | |
| 03 21 11 00-0227 | LF | #6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 1.86 | |
| 03 21 11 00-0228 | LF | #7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 2.44 | |
| 03 21 11 00-0229 | LF | #8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 3.08 | |
| 03 21 11 00-0230 | LF | #9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 3.81 | |
| 03 21 11 00-0231 | LF | #10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 4.69 | |
| 03 21 11 00-0232 | LF | #11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 5.62 | |
| 03 21 11 00-0233 | LF | #14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 7.85 | |
| 03 21 11 00-0234 | LF | #18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | 13.54 | |

### 03 21 11 00-0235 Mechanical Joint Connection *(03 21 11)*

### 03 21 11 00-0236 Thermal Type Mechanical Joint Connection *(03 21 11 00-0235)*

| | | | |
|---|---|---|---|
| 03 21 11 00-0237 | EA | Thermal Type Mechanical Joint Connection, Add Per Splice | 199.44 |

### 03 21 11 00-0238 Screwed Type Mechanical Joint Connection *(03 21 11 00-0235)*

| | | | |
|---|---|---|---|
| 03 21 11 00-0239 | EA | Screwed Type Mechanical Joint Connection, Add Per Splice | 109.42 |

### 03 21 11 00-0240 Deformed Straight Dowels *(03 21 11)*

Note: Excludes drilling. See CSI section 02 41 19 13-0213 for drilling in concrete.

| | | | |
|---|---|---|---|
| 03 21 11 00-0241 | EA | 3/8" Diameter x 24" Long, Deformed Straight Dowel | 2.48 |
| | | *For Up To 12" Length, Deduct* | *-0.39* |
| | | *For >12" To <24" Length, Deduct* | *-0.20* |
| 03 21 11 00-0242 | EA | 1/2" Diameter x 24" Long, Deformed Straight Dowel | 3.01 |
| | | *For Up To 12" Length, Deduct* | *-0.52* |
| | | *For >12" To <24" Length, Deduct* | *-0.26* |
| 03 21 11 00-0243 | EA | 5/8" Diameter x 24" Long, Deformed Straight Dowel | 3.84 |
| | | *For Up To 12" Length, Deduct* | *-0.81* |
| | | *For >12" To <24" Length, Deduct* | *-0.41* |
| 03 21 11 00-0244 | EA | 3/4" Diameter x 24" Long, Deformed Straight Dowel | 4.85 |
| | | *For Up To 12" Length, Deduct* | *-1.18* |
| | | *For >12" To <24" Length, Deduct* | *-0.59* |
| 03 21 11 00-0245 | EA | 7/8" Diameter x 24" Long, Deformed Straight Dowel | 5.95 |
| | | *For Up To 12" Length, Deduct* | *-1.64* |
| | | *For >12" To <24" Length, Deduct* | *-0.82* |
| 03 21 11 00-0246 | EA | 1" Diameter x 24" Long, Deformed Straight Dowel | 7.53 |
| | | *For Up To 12" Length, Deduct* | *-2.10* |
| | | *For >12" To <24" Length, Deduct* | *-1.05* |
| 03 21 11 00-0247 | EA | 1-1/8" Diameter x 24" Long, Deformed Straight Dowel | 8.98 |
| | | *For Up To 12" Length, Deduct* | *-2.59* |
| | | *For >12" To <24" Length, Deduct* | *-1.29* |
| 03 21 11 00-0248 | EA | 1-1/4" Diameter x 24" Long, Deformed Straight Dowel | 11.19 |
| | | *For Up To 12" Length, Deduct* | *-3.38* |
| | | *For >12" To <24" Length, Deduct* | *-1.69* |
| 03 21 11 00-0249 | EA | 1-3/8" Diameter x 24" Long, Deformed Straight Dowel | 13.45 |
| | | *For Up To 12" Length, Deduct* | *-4.18* |
| | | *For >12" To <24" Length, Deduct* | *-2.09* |

### 03 21 11 00-0250 Spirals, Reinforcing Steel *(03 21 11)*

| | | | |
|---|---|---|---|
| 03 21 11 00-0251 | TON | Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel | 3,449.03 |
| | | *For Grade 75, Add* | *140.68* |
| 03 21 11 00-0252 | TON | >15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel | 3,411.26 |
| | | *For Grade 75, Add* | *140.68* |
| 03 21 11 00-0253 | TON | >24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel | 3,382.47 |
| | | *For Grade 75, Add* | *140.68* |
| 03 21 11 00-0254 | TON | >36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel | 3,335.36 |
| | | *For Grade 75, Add* | *140.68* |
| 03 21 11 00-0255 | TON | >48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel | 3,271.67 |
| | | *For Grade 75, Add* | *140.68* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 11 00-0256 | TON | >64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel | 3,254.81 | |
| | | *For Grade 75, Add* | *144.14* | |
| 03 21 11 00-0257 | TON | >84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel | 3,201.49 | |
| | | *For Grade 75, Add* | *144.14* | |

### 03 21 11 00-0258 Dowel Or Hairpin, Drilled And Epoxy Into Concrete *(03 21 11)*

| | | | |
|---|---|---|---|
| 03 21 11 00-0259 | EA | Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment | 21.19 |
| 03 21 11 00-0260 | EA | Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment | 22.21 |

### 03 21 11 00-0261 Accessories For Reinforcing Steel *(03 21 11)*

### 03 21 11 00-0262 Reinforcing Steel Lap-Weld Splice *(03 21 11 00-0261)*

| | | | |
|---|---|---|---|
| 03 21 11 00-0263 | EA | Up To #6 Reinforcing Steel Lap-Weld Splice | 53.80 |
| 03 21 11 00-0264 | EA | >#6 Reinforcing Steel Lap-Weld Splice | 85.21 |

### 03 21 11 00-0265 Reinforcing Steel Sleeve And Wedge Splice Joint *(03 21 11 00-0261)*

| | | | |
|---|---|---|---|
| 03 21 11 00-0266 | EA | Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint | 29.36 |
| 03 21 11 00-0267 | EA | #5 Reinforcing Steel, Sleeve And Wedge Splice Joint | 43.92 |
| 03 21 11 00-0268 | EA | #6 Reinforcing Steel, Sleeve And Wedge Splice Joint | 64.52 |

## 03 21 13 Galvanized Reinforcement Steel Bars *(03 21)*

### 03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

| | | | |
|---|---|---|---|
| 03 21 13 00-0002 | LF | #3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar | 0.73 |
| 03 21 13 00-0003 | LF | #4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar | 1.24 |
| 03 21 13 00-0004 | LF | #5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar | 1.86 |
| 03 21 13 00-0005 | LF | #6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar | 2.59 |
| 03 21 13 00-0006 | LF | #3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar | 0.74 |
| 03 21 13 00-0007 | LF | #4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar | 1.26 |
| 03 21 13 00-0008 | LF | #5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar | 1.90 |
| 03 21 13 00-0009 | LF | #6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar | 2.64 |
| 03 21 13 00-0010 | LF | #3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 0.76 |
| 03 21 13 00-0011 | LF | #4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 1.29 |
| 03 21 13 00-0012 | LF | #5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 1.95 |
| 03 21 13 00-0013 | LF | #6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 2.71 |
| 03 21 13 00-0014 | LF | #7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 3.53 |
| 03 21 13 00-0015 | LF | #8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 4.43 |
| 03 21 13 00-0016 | LF | #9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 5.47 |
| 03 21 13 00-0017 | LF | #10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 6.71 |
| 03 21 13 00-0018 | LF | #11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 8.04 |
| 03 21 13 00-0019 | LF | #14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 11.20 |
| 03 21 13 00-0020 | LF | #18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | 19.27 |
| 03 21 13 00-0021 | LF | #6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | 2.78 |
| 03 21 13 00-0022 | LF | #7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | 3.63 |
| 03 21 13 00-0023 | LF | #8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | 4.55 |
| 03 21 13 00-0024 | LF | #9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | 5.63 |
| 03 21 13 00-0025 | LF | #10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | 6.92 |
| 03 21 13 00-0026 | LF | #11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | 8.29 |
| 03 21 13 00-0027 | LF | #14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | 11.56 |
| 03 21 13 00-0028 | LF | #18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | 19.91 |

### 03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

| | | | |
|---|---|---|---|
| 03 21 13 00-0030 | LF | #3, Grade 40, Columns, Galvanized Steel Reinforcement Bar | 0.76 |
| 03 21 13 00-0031 | LF | #4, Grade 40, Columns, Galvanized Steel Reinforcement Bar | 1.31 |
| 03 21 13 00-0032 | LF | #5, Grade 40, Columns, Galvanized Steel Reinforcement Bar | 1.94 |
| 03 21 13 00-0033 | LF | #6, Grade 40, Columns, Galvanized Steel Reinforcement Bar | 2.70 |
| 03 21 13 00-0034 | LF | #3, Grade 50, Columns, Galvanized Steel Reinforcement Bar | 0.77 |
| 03 21 13 00-0035 | LF | #4, Grade 50, Columns, Galvanized Steel Reinforcement Bar | 1.33 |
| 03 21 13 00-0036 | LF | #5, Grade 50, Columns, Galvanized Steel Reinforcement Bar | 1.98 |
| 03 21 13 00-0037 | LF | #6, Grade 50, Columns, Galvanized Steel Reinforcement Bar | 2.75 |
| 03 21 13 00-0038 | LF | #3, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 0.79 |
| 03 21 13 00-0039 | LF | #4, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 1.36 |
| 03 21 13 00-0040 | LF | #5, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 2.03 |
| 03 21 13 00-0041 | LF | #6, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 2.82 |
| 03 21 13 00-0042 | LF | #7, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 3.68 |
| 03 21 13 00-0043 | LF | #8, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 4.59 |
| 03 21 13 00-0044 | LF | #9, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 5.66 |
| 03 21 13 00-0045 | LF | #10, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 6.93 |
| 03 21 13 00-0046 | LF | #11, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 8.29 |
| 03 21 13 00-0047 | LF | #14, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 11.54 |
| 03 21 13 00-0048 | LF | #18, Grade 60, Columns, Galvanized Steel Reinforcement Bar | 19.79 |
| 03 21 13 00-0049 | LF | #6, Grade 75, Columns, Galvanized Steel Reinforcement Bar | 2.89 |
| 03 21 13 00-0050 | LF | #7, Grade 75, Columns, Galvanized Steel Reinforcement Bar | 3.78 |
| 03 21 13 00-0051 | LF | #8, Grade 75, Columns, Galvanized Steel Reinforcement Bar | 4.71 |
| 03 21 13 00-0052 | LF | #9, Grade 75, Columns, Galvanized Steel Reinforcement Bar | 5.82 |
| 03 21 13 00-0053 | LF | #10, Grade 75, Columns, Galvanized Steel Reinforcement Bar | 7.14 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 13 00-0054 | LF | #11, Grade 75, Columns, Galvanized Steel Reinforcement Bar | 8.54 | |
| 03 21 13 00-0055 | LF | #14, Grade 75, Columns, Galvanized Steel Reinforcement Bar | 11.90 | |
| 03 21 13 00-0056 | LF | #18, Grade 75, Columns, Galvanized Steel Reinforcement Bar | 20.43 | |

## 03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 13 00-0058 | LF | #3, Grade 40, Footings, Galvanized Steel Reinforcement Bar | 0.68 | |
| 03 21 13 00-0059 | LF | #4, Grade 40, Footings, Galvanized Steel Reinforcement Bar | 1.16 | |
| 03 21 13 00-0060 | LF | #5, Grade 40, Footings, Galvanized Steel Reinforcement Bar | 1.73 | |
| 03 21 13 00-0061 | LF | #6, Grade 40, Footings, Galvanized Steel Reinforcement Bar | 2.41 | |
| 03 21 13 00-0062 | LF | #3, Grade 50, Footings, Galvanized Steel Reinforcement Bar | 0.69 | |
| 03 21 13 00-0063 | LF | #4, Grade 50, Footings, Galvanized Steel Reinforcement Bar | 1.18 | |
| 03 21 13 00-0064 | LF | #5, Grade 50, Footings, Galvanized Steel Reinforcement Bar | 1.77 | |
| 03 21 13 00-0065 | LF | #6, Grade 50, Footings, Galvanized Steel Reinforcement Bar | 2.46 | |
| 03 21 13 00-0066 | LF | #3, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 0.71 | |
| 03 21 13 00-0067 | LF | #4, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 1.21 | |
| 03 21 13 00-0068 | LF | #5, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 1.82 | |
| 03 21 13 00-0069 | LF | #6, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 2.53 | |
| 03 21 13 00-0070 | LF | #7, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 3.32 | |
| 03 21 13 00-0071 | LF | #8, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 4.18 | |
| 03 21 13 00-0072 | LF | #9, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 5.17 | |
| 03 21 13 00-0073 | LF | #10, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 6.37 | |
| 03 21 13 00-0074 | LF | #11, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 7.66 | |
| 03 21 13 00-0075 | LF | #14, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 10.71 | |
| 03 21 13 00-0076 | LF | #18, Grade 60, Footings, Galvanized Steel Reinforcement Bar | 18.48 | |
| 03 21 13 00-0077 | LF | #6, Grade 75, Footings, Galvanized Steel Reinforcement Bar | 2.60 | |
| 03 21 13 00-0078 | LF | #7, Grade 75, Footings, Galvanized Steel Reinforcement Bar | 3.42 | |
| 03 21 13 00-0079 | LF | #8, Grade 75, Footings, Galvanized Steel Reinforcement Bar | 4.30 | |
| 03 21 13 00-0080 | LF | #9, Grade 75, Footings, Galvanized Steel Reinforcement Bar | 5.33 | |
| 03 21 13 00-0081 | LF | #10, Grade 75, Footings, Galvanized Steel Reinforcement Bar | 6.58 | |
| 03 21 13 00-0082 | LF | #11, Grade 75, Footings, Galvanized Steel Reinforcement Bar | 7.91 | |
| 03 21 13 00-0083 | LF | #14, Grade 75, Footings, Galvanized Steel Reinforcement Bar | 11.07 | |
| 03 21 13 00-0084 | LF | #18, Grade 75, Footings, Galvanized Steel Reinforcement Bar | 19.12 | |

## 03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 13 00-0086 | LF | #3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar | 0.66 | |
| 03 21 13 00-0087 | LF | #4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar | 1.13 | |
| 03 21 13 00-0088 | LF | #5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar | 1.69 | |
| 03 21 13 00-0089 | LF | #6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar | 2.35 | |
| 03 21 13 00-0090 | LF | #3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar | 0.67 | |
| 03 21 13 00-0091 | LF | #4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar | 1.15 | |
| 03 21 13 00-0092 | LF | #5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar | 1.73 | |
| 03 21 13 00-0093 | LF | #6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar | 2.40 | |
| 03 21 13 00-0094 | LF | #3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 0.69 | |
| 03 21 13 00-0095 | LF | #4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 1.18 | |
| 03 21 13 00-0096 | LF | #5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 1.78 | |
| 03 21 13 00-0097 | LF | #6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 2.47 | |
| 03 21 13 00-0098 | LF | #7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 3.26 | |
| 03 21 13 00-0099 | LF | #8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 4.10 | |
| 03 21 13 00-0100 | LF | #9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 5.08 | |
| 03 21 13 00-0101 | LF | #10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 6.25 | |
| 03 21 13 00-0102 | LF | #11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 7.53 | |
| 03 21 13 00-0103 | LF | #14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 10.54 | |
| 03 21 13 00-0104 | LF | #18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 18.22 | |
| 03 21 13 00-0105 | LF | #6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 2.54 | |
| 03 21 13 00-0106 | LF | #7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 3.36 | |
| 03 21 13 00-0107 | LF | #8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 4.22 | |
| 03 21 13 00-0108 | LF | #9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 5.24 | |
| 03 21 13 00-0109 | LF | #10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 6.46 | |
| 03 21 13 00-0110 | LF | #11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 7.78 | |
| 03 21 13 00-0111 | LF | #14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 10.90 | |
| 03 21 13 00-0112 | LF | #18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 18.86 | |

## 03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 13 00-0114 | LF | #3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar | 0.62 | |
| 03 21 13 00-0115 | LF | #4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.06 | |
| 03 21 13 00-0116 | LF | #5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.60 | |
| 03 21 13 00-0117 | LF | #6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar | 2.23 | |
| 03 21 13 00-0118 | LF | #3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar | 0.63 | |
| 03 21 13 00-0119 | LF | #4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.08 | |
| 03 21 13 00-0120 | LF | #5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.64 | |
| 03 21 13 00-0121 | LF | #6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar | 2.28 | |
| 03 21 13 00-0122 | LF | #3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 0.65 | |
| 03 21 13 00-0123 | LF | #4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.11 | |
| 03 21 13 00-0124 | LF | #5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.69 | |
| 03 21 13 00-0125 | LF | #6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 2.35 | |
| 03 21 13 00-0126 | LF | #7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 3.11 | |
| 03 21 13 00-0127 | LF | #8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 3.93 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 13 00-0128 | LF | #9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 4.89 | |
| 03 21 13 00-0129 | LF | #10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 6.03 | |
| 03 21 13 00-0130 | LF | #11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 7.28 | |
| 03 21 13 00-0131 | LF | #14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 10.21 | |
| 03 21 13 00-0132 | LF | #18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 17.71 | |
| 03 21 13 00-0133 | LF | #6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 2.42 | |
| 03 21 13 00-0134 | LF | #7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 3.21 | |
| 03 21 13 00-0135 | LF | #8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 4.05 | |
| 03 21 13 00-0136 | LF | #9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 5.05 | |
| 03 21 13 00-0137 | LF | #10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 6.24 | |
| 03 21 13 00-0138 | LF | #11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 7.53 | |
| 03 21 13 00-0139 | LF | #14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 10.57 | |
| 03 21 13 00-0140 | LF | #18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 18.35 | |
| 03 21 13 00-0141 | | Walls, Galvanized Steel Reinforcement Bar *(03 21 13)* | | |
| | | Note: ASTM A-767 Hot Dipped Galvanized Steel. | | |
| 03 21 13 00-0142 | LF | #3, Grade 40, Walls, Galvanized Steel Reinforcement Bar | 0.60 | |
| 03 21 13 00-0143 | LF | #4, Grade 40, Walls, Galvanized Steel Reinforcement Bar | 1.03 | |
| 03 21 13 00-0144 | LF | #5, Grade 40, Walls, Galvanized Steel Reinforcement Bar | 1.55 | |
| 03 21 13 00-0145 | LF | #6, Grade 40, Walls, Galvanized Steel Reinforcement Bar | 2.17 | |
| 03 21 13 00-0146 | LF | #3, Grade 50, Walls, Galvanized Steel Reinforcement Bar | 0.61 | |
| 03 21 13 00-0147 | LF | #4, Grade 50, Walls, Galvanized Steel Reinforcement Bar | 1.05 | |
| 03 21 13 00-0148 | LF | #5, Grade 50, Walls, Galvanized Steel Reinforcement Bar | 1.59 | |
| 03 21 13 00-0149 | LF | #6, Grade 50, Walls, Galvanized Steel Reinforcement Bar | 2.22 | |
| 03 21 13 00-0150 | LF | #3, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 0.63 | |
| 03 21 13 00-0151 | LF | #4, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 1.08 | |
| 03 21 13 00-0152 | LF | #5, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 1.64 | |
| 03 21 13 00-0153 | LF | #6, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 2.29 | |
| 03 21 13 00-0154 | LF | #7, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 3.03 | |
| 03 21 13 00-0155 | LF | #8, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 3.85 | |
| 03 21 13 00-0156 | LF | #9, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 4.79 | |
| 03 21 13 00-0157 | LF | #10, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 5.92 | |
| 03 21 13 00-0158 | LF | #11, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 7.15 | |
| 03 21 13 00-0159 | LF | #14, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 10.05 | |
| 03 21 13 00-0160 | LF | #18, Grade 60, Walls, Galvanized Steel Reinforcement Bar | 17.45 | |
| 03 21 13 00-0161 | LF | #6, Grade 75, Walls, Galvanized Steel Reinforcement Bar | 2.36 | |
| 03 21 13 00-0162 | LF | #7, Grade 75, Walls, Galvanized Steel Reinforcement Bar | 3.13 | |
| 03 21 13 00-0163 | LF | #8, Grade 75, Walls, Galvanized Steel Reinforcement Bar | 3.97 | |
| 03 21 13 00-0164 | LF | #9, Grade 75, Walls, Galvanized Steel Reinforcement Bar | 4.95 | |
| 03 21 13 00-0165 | LF | #10, Grade 75, Walls, Galvanized Steel Reinforcement Bar | 6.13 | |
| 03 21 13 00-0166 | LF | #11, Grade 75, Walls, Galvanized Steel Reinforcement Bar | 7.40 | |
| 03 21 13 00-0167 | LF | #14, Grade 75, Walls, Galvanized Steel Reinforcement Bar | 10.41 | |
| 03 21 13 00-0168 | LF | #18, Grade 75, Walls, Galvanized Steel Reinforcement Bar | 18.09 | |
| **03 21 16** | | **Epoxy-Coated Reinforcement Steel Bars** *(03 21)* | | |
| 03 21 16 00-0001 | | Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)* | | |
| | | Note: ASTM A-775 Epoxy Coated Steel. | | |
| 03 21 16 00-0002 | LF | #3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 0.72 | |
| 03 21 16 00-0003 | LF | #4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 1.21 | |
| 03 21 16 00-0004 | LF | #5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 1.83 | |
| 03 21 16 00-0005 | LF | #6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 2.54 | |
| 03 21 16 00-0006 | LF | #3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 0.73 | |
| 03 21 16 00-0007 | LF | #4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 1.23 | |
| 03 21 16 00-0008 | LF | #5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 1.86 | |
| 03 21 16 00-0009 | LF | #6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 2.59 | |
| 03 21 16 00-0010 | LF | #3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 0.75 | |
| 03 21 16 00-0011 | LF | #4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 1.27 | |
| 03 21 16 00-0012 | LF | #5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 1.91 | |
| 03 21 16 00-0013 | LF | #6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 2.66 | |
| 03 21 16 00-0014 | LF | #7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 3.46 | |
| 03 21 16 00-0015 | LF | #8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 4.33 | |
| 03 21 16 00-0016 | LF | #9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 5.35 | |
| 03 21 16 00-0017 | LF | #10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 6.56 | |
| 03 21 16 00-0018 | LF | #11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 7.85 | |
| 03 21 16 00-0019 | LF | #14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 10.93 | |
| 03 21 16 00-0020 | LF | #18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 18.79 | |
| 03 21 16 00-0021 | LF | #6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 2.73 | |
| 03 21 16 00-0022 | LF | #7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 3.56 | |
| 03 21 16 00-0023 | LF | #8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 4.46 | |
| 03 21 16 00-0024 | LF | #9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 5.51 | |
| 03 21 16 00-0025 | LF | #10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 6.77 | |
| 03 21 16 00-0026 | LF | #11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 8.10 | |
| 03 21 16 00-0027 | LF | #14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 11.29 | |
| 03 21 16 00-0028 | LF | #18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar | 19.43 | |
| 03 21 16 00-0029 | | Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)* | | |
| | | Note: ASTM A-775 Epoxy Coated Steel. | | |
| 03 21 16 00-0030 | LF | #3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar | 0.75 | |
| 03 21 16 00-0031 | LF | #4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar | 1.28 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 16 00-0032 | LF | #5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar | 1.91 | |
| 03 21 16 00-0033 | LF | #6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar | 2.65 | |
| 03 21 16 00-0034 | LF | #3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar | 0.76 | |
| 03 21 16 00-0035 | LF | #4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar | 1.30 | |
| 03 21 16 00-0036 | LF | #5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar | 1.94 | |
| 03 21 16 00-0037 | LF | #6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar | 2.70 | |
| 03 21 16 00-0038 | LF | #3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 0.78 | |
| 03 21 16 00-0039 | LF | #4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 1.34 | |
| 03 21 16 00-0040 | LF | #5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 1.99 | |
| 03 21 16 00-0041 | LF | #6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 2.77 | |
| 03 21 16 00-0042 | LF | #7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 3.61 | |
| 03 21 16 00-0043 | LF | #8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 4.49 | |
| 03 21 16 00-0044 | LF | #9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 5.54 | |
| 03 21 16 00-0045 | LF | #10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 6.78 | |
| 03 21 16 00-0046 | LF | #11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 8.10 | |
| 03 21 16 00-0047 | LF | #14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 11.27 | |
| 03 21 16 00-0048 | LF | #18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | 19.31 | |
| 03 21 16 00-0049 | LF | #6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | 2.84 | |
| 03 21 16 00-0050 | LF | #7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | 3.71 | |
| 03 21 16 00-0051 | LF | #8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | 4.62 | |
| 03 21 16 00-0052 | LF | #9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | 5.70 | |
| 03 21 16 00-0053 | LF | #10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | 6.99 | |
| 03 21 16 00-0054 | LF | #11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | 8.35 | |
| 03 21 16 00-0055 | LF | #14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | 11.63 | |
| 03 21 16 00-0056 | LF | #18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | 19.95 | |

### 03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 16 00-0058 | LF | #3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar | 0.67 | |
| 03 21 16 00-0059 | LF | #4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar | 1.13 | |
| 03 21 16 00-0060 | LF | #5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar | 1.70 | |
| 03 21 16 00-0061 | LF | #6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar | 2.36 | |
| 03 21 16 00-0062 | LF | #3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar | 0.68 | |
| 03 21 16 00-0063 | LF | #4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar | 1.15 | |
| 03 21 16 00-0064 | LF | #5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar | 1.73 | |
| 03 21 16 00-0065 | LF | #6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar | 2.41 | |
| 03 21 16 00-0066 | LF | #3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 0.70 | |
| 03 21 16 00-0067 | LF | #4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 1.19 | |
| 03 21 16 00-0068 | LF | #5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 1.78 | |
| 03 21 16 00-0069 | LF | #6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 2.48 | |
| 03 21 16 00-0070 | LF | #7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 3.25 | |
| 03 21 16 00-0071 | LF | #8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 4.08 | |
| 03 21 16 00-0072 | LF | #9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 5.05 | |
| 03 21 16 00-0073 | LF | #10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 6.22 | |
| 03 21 16 00-0074 | LF | #11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 7.47 | |
| 03 21 16 00-0075 | LF | #14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 10.44 | |
| 03 21 16 00-0076 | LF | #18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 18.00 | |
| 03 21 16 00-0077 | LF | #6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 2.55 | |
| 03 21 16 00-0078 | LF | #7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 3.35 | |
| 03 21 16 00-0079 | LF | #8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 4.21 | |
| 03 21 16 00-0080 | LF | #9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 5.21 | |
| 03 21 16 00-0081 | LF | #10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 6.43 | |
| 03 21 16 00-0082 | LF | #11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 7.72 | |
| 03 21 16 00-0083 | LF | #14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 10.80 | |
| 03 21 16 00-0084 | LF | #18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 18.64 | |

### 03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

| | | | | |
|---|---|---|---|---|
| 03 21 16 00-0086 | LF | #3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 0.65 | |
| 03 21 16 00-0087 | LF | #4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 1.10 | |
| 03 21 16 00-0088 | LF | #5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 1.66 | |
| 03 21 16 00-0089 | LF | #6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 2.30 | |
| 03 21 16 00-0090 | LF | #3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 0.66 | |
| 03 21 16 00-0091 | LF | #4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 1.12 | |
| 03 21 16 00-0092 | LF | #5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 1.69 | |
| 03 21 16 00-0093 | LF | #6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 2.35 | |
| 03 21 16 00-0094 | LF | #3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 0.68 | |
| 03 21 16 00-0095 | LF | #4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 1.16 | |
| 03 21 16 00-0096 | LF | #5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 1.74 | |
| 03 21 16 00-0097 | LF | #6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 2.42 | |
| 03 21 16 00-0098 | LF | #7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 3.19 | |
| 03 21 16 00-0099 | LF | #8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 4.00 | |
| 03 21 16 00-0100 | LF | #9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 4.96 | |
| 03 21 16 00-0101 | LF | #10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 6.10 | |
| 03 21 16 00-0102 | LF | #11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 7.34 | |
| 03 21 16 00-0103 | LF | #14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 10.27 | |
| 03 21 16 00-0104 | LF | #18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 17.74 | |
| 03 21 16 00-0105 | LF | #6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 2.49 | |
| 03 21 16 00-0106 | LF | #7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 3.29 | |
| 03 21 16 00-0107 | LF | #8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 4.13 | |
| 03 21 16 00-0108 | LF | #9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 5.12 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 16 00-0109 | LF | #10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 6.31 | |
| 03 21 16 00-0110 | LF | #11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 7.59 | |
| 03 21 16 00-0111 | LF | #14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 10.63 | |
| 03 21 16 00-0112 | LF | #18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar | 18.38 | |
| 03 21 16 00-0113 | | **Elevated Slabs, Epoxy Coated Steel Reinforcement Bar** *(03 21 16)* | | |
| | | Note: ASTM A-775 Epoxy Coated Steel. | | |
| 03 21 16 00-0114 | LF | #3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 0.61 | |
| 03 21 16 00-0115 | LF | #4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 1.03 | |
| 03 21 16 00-0116 | LF | #5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 1.57 | |
| 03 21 16 00-0117 | LF | #6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 2.18 | |
| 03 21 16 00-0118 | LF | #3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 0.62 | |
| 03 21 16 00-0119 | LF | #4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 1.05 | |
| 03 21 16 00-0120 | LF | #5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 1.60 | |
| 03 21 16 00-0121 | LF | #6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 2.23 | |
| 03 21 16 00-0122 | LF | #3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 0.64 | |
| 03 21 16 00-0123 | LF | #4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 1.09 | |
| 03 21 16 00-0124 | LF | #5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 1.65 | |
| 03 21 16 00-0125 | LF | #6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 2.30 | |
| 03 21 16 00-0126 | LF | #7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 3.04 | |
| 03 21 16 00-0127 | LF | #8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 3.83 | |
| 03 21 16 00-0128 | LF | #9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 4.77 | |
| 03 21 16 00-0129 | LF | #10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 5.88 | |
| 03 21 16 00-0130 | LF | #11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 7.09 | |
| 03 21 16 00-0131 | LF | #14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 9.94 | |
| 03 21 16 00-0132 | LF | #18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 17.23 | |
| 03 21 16 00-0133 | LF | #6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 2.37 | |
| 03 21 16 00-0134 | LF | #7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 3.14 | |
| 03 21 16 00-0135 | LF | #8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 3.96 | |
| 03 21 16 00-0136 | LF | #9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 4.93 | |
| 03 21 16 00-0137 | LF | #10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 6.09 | |
| 03 21 16 00-0138 | LF | #11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 7.34 | |
| 03 21 16 00-0139 | LF | #14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 10.30 | |
| 03 21 16 00-0140 | LF | #18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | 17.87 | |
| 03 21 16 00-0141 | | **Walls, Epoxy Coated Steel Reinforcement Bar** *(03 21 16)* | | |
| | | Note: ASTM A-775 Epoxy Coated Steel. | | |
| 03 21 16 00-0142 | LF | #3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar | 0.59 | |
| 03 21 16 00-0143 | LF | #4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar | 1.00 | |
| 03 21 16 00-0144 | LF | #5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar | 1.52 | |
| 03 21 16 00-0145 | LF | #6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar | 2.12 | |
| 03 21 16 00-0146 | LF | #3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar | 0.60 | |
| 03 21 16 00-0147 | LF | #4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar | 1.02 | |
| 03 21 16 00-0148 | LF | #5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar | 1.55 | |
| 03 21 16 00-0149 | LF | #6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar | 2.17 | |
| 03 21 16 00-0150 | LF | #3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 0.62 | |
| 03 21 16 00-0151 | LF | #4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 1.06 | |
| 03 21 16 00-0152 | LF | #5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 1.60 | |
| 03 21 16 00-0153 | LF | #6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 2.24 | |
| 03 21 16 00-0154 | LF | #7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 2.96 | |
| 03 21 16 00-0155 | LF | #8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 3.75 | |
| 03 21 16 00-0156 | LF | #9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 4.67 | |
| 03 21 16 00-0157 | LF | #10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 5.77 | |
| 03 21 16 00-0158 | LF | #11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 6.96 | |
| 03 21 16 00-0159 | LF | #14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 9.78 | |
| 03 21 16 00-0160 | LF | #18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | 16.97 | |
| 03 21 16 00-0161 | LF | #6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | 2.31 | |
| 03 21 16 00-0162 | LF | #7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | 3.06 | |
| 03 21 16 00-0163 | LF | #8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | 3.88 | |
| 03 21 16 00-0164 | LF | #9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | 4.83 | |
| 03 21 16 00-0165 | LF | #10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | 5.98 | |
| 03 21 16 00-0166 | LF | #11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | 7.21 | |
| 03 21 16 00-0167 | LF | #14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | 10.14 | |
| 03 21 16 00-0168 | LF | #18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | 17.61 | |
| 03 21 16 00-0169 | | **Epoxy Coated Deformed Straight Dowels** *(03 21 16)* | | |
| | | Note: Excludes drilling. See CSI section 02 41 19 13-0213 for drilling in concrete. | | |
| 03 21 16 00-0170 | EA | 3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel | 4.03 | |
| | | *For Up To 12" Length, Deduct* | *-0.55* | |
| | | *For >12" To <24" Length, Deduct* | *-0.27* | |
| 03 21 16 00-0171 | EA | 1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel | 4.91 | |
| | | *For Up To 12" Length, Deduct* | *-0.83* | |
| | | *For >12" To <24" Length, Deduct* | *-0.41* | |
| 03 21 16 00-0172 | EA | 5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel | 6.27 | |
| | | *For Up To 12" Length, Deduct* | *-1.24* | |
| | | *For >12" To <24" Length, Deduct* | *-0.62* | |
| 03 21 16 00-0173 | EA | 3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel | 7.89 | |
| | | *For Up To 12" Length, Deduct* | *-1.64* | |
| | | *For >12" To <24" Length, Deduct* | *-0.82* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 21 16 00-0174 | EA | 7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel | 9.73 | |
| | | *For Up To 12" Length, Deduct* | *-2.24* | |
| | | *For >12" To <24" Length, Deduct* | *-1.12* | |
| 03 21 16 00-0175 | EA | 1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel | 11.44 | |
| | | *For Up To 12" Length, Deduct* | *-2.76* | |
| | | *For >12" To <24" Length, Deduct* | *-1.38* | |
| 03 21 16 00-0176 | EA | 1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel | 13.58 | |
| | | *For Up To 12" Length, Deduct* | *-3.34* | |
| | | *For >12" To <24" Length, Deduct* | *-1.67* | |
| 03 21 16 00-0177 | EA | 1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel | 16.37 | |
| | | *For Up To 12" Length, Deduct* | *-4.04* | |
| | | *For >12" To <24" Length, Deduct* | *-2.02* | |

## 03 22 Fabric and Grid Reinforcing *(03 20)*

### 03 22 11 Plain Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

#### 03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 11)*

Note: Includes bar chairs. Under 5 tons. ASTM A-185

| | | | | |
|---|---|---|---|---|
| 03 22 11 00-0002 | SF | 6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) | 0.78 | |
| | | *For >5 Ton, Deduct* | *-0.12* | |
| 03 22 11 00-0003 | SF | 6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) | 0.91 | |
| | | *For >5 Ton, Deduct* | *-0.13* | |
| 03 22 11 00-0004 | SF | 6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) | 1.03 | |
| | | *For >5 Ton, Deduct* | *-0.15* | |
| 03 22 11 00-0005 | SF | 6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) | 1.23 | |
| | | *For >5 Ton, Deduct* | *-0.17* | |
| 03 22 11 00-0006 | SF | 4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) | 0.95 | |
| | | *For >5 Ton, Deduct* | *-0.14* | |
| 03 22 11 00-0007 | SF | 4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) | 1.08 | |
| | | *For >5 Ton, Deduct* | *-0.15* | |
| 03 22 11 00-0008 | SF | 4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) | 1.37 | |
| | | *For >5 Ton, Deduct* | *-0.19* | |
| 03 22 11 00-0009 | SF | 4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) | 1.60 | |
| | | *For >5 Ton, Deduct* | *-0.21* | |
| 03 22 11 00-0010 | SF | 2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9) | 1.51 | |
| | | *For >5 Ton, Deduct* | *-0.19* | |

### 03 22 13 Galvanized Welded Wire Fabric Reinforcing *(03 22)*

#### 03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

| | | | | |
|---|---|---|---|---|
| 03 22 13 00-0002 | SF | 6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) | 0.88 | |
| | | *For >5 Ton, Deduct* | *-0.13* | |
| 03 22 13 00-0003 | SF | 6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) | 1.02 | |
| | | *For >5 Ton, Deduct* | *-0.15* | |
| 03 22 13 00-0004 | SF | 6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) | 1.18 | |
| | | *For >5 Ton, Deduct* | *-0.16* | |
| 03 22 13 00-0005 | SF | 6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) | 1.44 | |
| | | *For >5 Ton, Deduct* | *-0.19* | |
| 03 22 13 00-0006 | SF | 4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) | 1.09 | |
| | | *For >5 Ton, Deduct* | *-0.15* | |
| 03 22 13 00-0007 | SF | 4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) | 1.24 | |
| | | *For >5 Ton, Deduct* | *-0.17* | |
| 03 22 13 00-0008 | SF | 4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) | 1.64 | |
| | | *For >5 Ton, Deduct* | *-0.21* | |
| 03 22 13 00-0009 | SF | 4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) | 1.94 | |
| | | *For >5 Ton, Deduct* | *-0.25* | |

#### 03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

| | | | | |
|---|---|---|---|---|
| 03 22 13 00-0011 | SF | 2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5) | 3.05 | |
| | | *For >5 Ton, Deduct* | *-0.47* | |

### 03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing *(03 22)*

#### 03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 16)*

Note: Includes bar chairs. Under 5 tons.

| | | | | |
|---|---|---|---|---|
| 03 22 16 00-0002 | SF | 6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) | 0.87 | |
| | | *For >5 Ton, Deduct* | *-0.12* | |
| 03 22 16 00-0003 | SF | 6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) | 1.01 | |
| | | *For >5 Ton, Deduct* | *-0.14* | |
| 03 22 16 00-0004 | SF | 6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) | 1.17 | |
| | | *For >5 Ton, Deduct* | *-0.16* | |
| 03 22 16 00-0005 | SF | 6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) | 1.42 | |
| | | *For >5 Ton, Deduct* | *-0.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 22 16 00-0006 | SF | 4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) | 1.07 | |
| | | *For >5 Ton, Deduct* | *-0.15* | |
| 03 22 16 00-0007 | SF | 4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) | 1.22 | |
| | | *For >5 Ton, Deduct* | *-0.17* | |
| 03 22 16 00-0008 | SF | 4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) | 1.61 | |
| | | *For >5 Ton, Deduct* | *-0.21* | |
| 03 22 16 00-0009 | SF | 4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) | 1.89 | |
| | | *For >5 Ton, Deduct* | *-0.24* | |

### 03 22 23 Stainless Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

#### 03 22 23 00-0001 Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 23)*

| | | | |
|---|---|---|---|
| 03 22 23 00-0002 | SF | 6" x 6" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs | 1.50 |
| 03 22 23 00-0003 | SF | 4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs | 1.95 |

## 03 30 Cast-In-Place Concrete *(03)*

### 03 30 53 Miscellaneous Cast-in-Place Concrete *(03 30)*

#### 03 30 53 00-0001 Place Concrete Thrust Blocks And Backfill *(03 30 53)*

| | | | |
|---|---|---|---|
| 03 30 53 00-0002 | CY | Direct Chute, Place 3,000 PSI Concrete Thrust Blocks | 214.71 |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* |
| | | *For 3,500 PSI Concrete, Add* | *7.61* |
| | | *For 3,750 PSI Concrete, Add* | *10.35* |
| | | *For 4,000 PSI Concrete, Add* | *13.09* |
| | | *For 4,500 PSI Concrete, Add* | *15.23* |
| | | *For 5,000 PSI Concrete, Add* | *17.36* |
| | | *For 6,000 PSI Concrete, Add* | *41.11* |
| | | *For 7,500 PSI Concrete, Add* | *102.08* |
| | | *For White Cement Concrete, Add* | *18.27* |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* |

#### 03 30 53 00-0003 Place Concrete Slurry *(03 30 53)*

| | | | |
|---|---|---|---|
| 03 30 53 00-0004 | CY | Direct Chute, Place Two Sack Cement, Concrete Slurry<br>Note: Two 94# sack cement per CY. | 166.29 |
| 03 30 53 00-0005 | CY | Concrete Pump, Place Two Sack Cement, Concrete Slurry<br>Note: Two 94# sack cement per CY. Excludes pumping equipment. | 160.78 |

#### 03 30 53 00-0006 Hand Mix And Place Concrete *(03 30 53)*

| | | | |
|---|---|---|---|
| 03 30 53 00-0007 | CF | Hand Mix And Place Concrete<br>Note: For use where conventional equipment access is limited or when directed by the owner. | 26.72 |
| | | *For 2,000 PSI Concrete, Deduct* | *-0.35* |
| | | *For 2,500 PSI Concrete, Deduct* | *-0.18* |
| | | *For 3,500 PSI Concrete, Add* | *0.33* |

### 03 31 Structural Concrete *(03 30)*

### 03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0088 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

#### 03 31 13 00-0001 Concrete Slab Assemblies *(03 31 13)*

#### 03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0001)*

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

| | | | |
|---|---|---|---|
| 03 31 13 00-0003 | SF | 4" 3,000 PSI Slab On Grade Concrete Slabs Assembly | 6.86 |
| | | *For 2,000 PSI Concrete, Deduct* | *-0.20* |
| | | *For 2,500 PSI Concrete, Deduct* | *-0.10* |
| | | *For 3,500 PSI Concrete, Add* | *0.07* |
| | | *For 4,000 PSI Concrete, Add* | *0.23* |
| | | *For Reinforcing Rods Are At 18" On Center, Deduct* | *-0.13* |
| | | *For Reinforcing Rods Are At 24" On Center, Deduct* | *-0.40* |
| | | *For Up To 500, Add* | *2.64* |
| | | *For >500 To 1,000, Add* | *1.82* |
| | | *For >1,000 To 2,000, Add* | *1.00* |
| | | *For >2,000 To 5,000, Add* | *0.50* |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* |
| | | *For >20,000 To 35,000, Deduct* | *-0.36* |
| | | *For >35,000 To 50,000, Deduct* | *-0.53* |
| | | *For >50,000 To 70,000, Deduct* | *-0.70* |
| | | *For >70,000, Deduct* | *-0.87* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0004 | SF | 5" 3,000 PSI Slab On Grade Concrete Slabs Assembly | 7.50 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-0.23* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-0.11* | |
| | | *For 3,500 PSI Concrete, Add* | *0.08* | |
| | | *For 4,000 PSI Concrete, Add* | *0.26* | |
| | | *For Reinforcing Rods Are At 18" On Center, Deduct* | *-0.13* | |
| | | *For Reinforcing Rods Are At 24" On Center, Deduct* | *-0.40* | |
| | | *For Up To 500, Add* | *2.82* | |
| | | *For >500 To 1,000, Add* | *1.95* | |
| | | *For >1,000 To 2,000, Add* | *1.08* | |
| | | *For >2,000 To 5,000, Add* | *0.54* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000 To 35,000, Deduct* | *-0.40* | |
| | | *For >35,000 To 50,000, Deduct* | *-0.59* | |
| | | *For >50,000 To 70,000, Deduct* | *-0.77* | |
| | | *For >70,000, Deduct* | *-0.96* | |
| 03 31 13 00-0005 | SF | 6" 3,000 PSI Slab On Grade Concrete Slabs Assembly | 8.43 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-0.27* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-0.13* | |
| | | *For 3,500 PSI Concrete, Add* | *0.09* | |
| | | *For 4,000 PSI Concrete, Add* | *0.31* | |
| | | *For Reinforcing Rods Are At 18" On Center, Deduct* | *-0.13* | |
| | | *For Reinforcing Rods Are At 24" On Center, Deduct* | *-0.40* | |
| | | *For Up To 500, Add* | *3.09* | |
| | | *For >500 To 1,000, Add* | *2.14* | |
| | | *For >1,000 To 2,000, Add* | *1.20* | |
| | | *For >2,000 To 5,000, Add* | *0.60* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000 To 35,000, Deduct* | *-0.46* | |
| | | *For >35,000 To 50,000, Deduct* | *-0.67* | |
| | | *For >50,000 To 70,000, Deduct* | *-0.88* | |
| | | *For >70,000, Deduct* | *-1.09* | |
| 03 31 13 00-0006 | SF | 7" 3,000 PSI Slab On Grade Concrete Slabs Assembly | 9.33 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-0.31* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-0.15* | |
| | | *For 3,500 PSI Concrete, Add* | *0.11* | |
| | | *For 4,000 PSI Concrete, Add* | *0.36* | |
| | | *For Reinforcing Rods Are At 18" On Center, Deduct* | *-0.13* | |
| | | *For Reinforcing Rods Are At 24" On Center, Deduct* | *-0.40* | |
| | | *For Up To 500, Add* | *3.34* | |
| | | *For >500 To 1,000, Add* | *2.32* | |
| | | *For >1,000 To 2,000, Add* | *1.30* | |
| | | *For >2,000 To 5,000, Add* | *0.65* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.28* | |
| | | *For >20,000 To 35,000, Deduct* | *-0.52* | |
| | | *For >35,000 To 50,000, Deduct* | *-0.75* | |
| | | *For >50,000 To 70,000, Deduct* | *-0.98* | |
| | | *For >70,000, Deduct* | *-1.22* | |
| 03 31 13 00-0007 | SF | 8" 3,000 PSI Slab On Grade Concrete Slabs Assembly | 10.07 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-0.34* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-0.17* | |
| | | *For 3,500 PSI Concrete, Add* | *0.12* | |
| | | *For 4,000 PSI Concrete, Add* | *0.39* | |
| | | *For Reinforcing Rods Are At 18" On Center, Deduct* | *-0.13* | |
| | | *For Reinforcing Rods Are At 24" On Center, Deduct* | *-0.40* | |
| | | *For Up To 500, Add* | *3.54* | |
| | | *For >500 To 1,000, Add* | *2.47* | |
| | | *For >1,000 To 2,000, Add* | *1.39* | |
| | | *For >2,000 To 5,000, Add* | *0.69* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.31* | |
| | | *For >20,000 To 35,000, Deduct* | *-0.56* | |
| | | *For >35,000 To 50,000, Deduct* | *-0.82* | |
| | | *For >50,000 To 70,000, Deduct* | *-1.07* | |
| | | *For >70,000, Deduct* | *-1.32* | |
| 03 31 13 00-0008 | SF | 10" 3,000 PSI Slab On Grade Concrete Slabs Assembly | 12.01 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-0.43* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-0.21* | |
| | | *For 3,500 PSI Concrete, Add* | *0.15* | |
| | | *For 4,000 PSI Concrete, Add* | *0.50* | |
| | | *For Reinforcing Rods Are At 18" On Center, Deduct* | *-0.13* | |
| | | *For Reinforcing Rods Are At 24" On Center, Deduct* | *-0.40* | |
| | | *For Up To 500, Add* | *4.05* | |
| | | *For >500 To 1,000, Add* | *2.83* | |
| | | *For >1,000 To 2,000, Add* | *1.61* | |
| | | *For >2,000 To 5,000, Add* | *0.81* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.40* | |
| | | *For >20,000 To 35,000, Deduct* | *-0.70* | |
| | | *For >35,000 To 50,000, Deduct* | *-1.00* | |
| | | *For >50,000 To 70,000, Deduct* | *-1.30* | |
| | | *For >70,000, Deduct* | *-1.60* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0009 | SF | 12" 3,000 PSI Slab On Grade Concrete Slabs Assembly | 13.51 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-0.49* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-0.25* | |
| | | *For 3,500 PSI Concrete, Add* | *0.17* | |
| | | *For 4,000 PSI Concrete, Add* | *0.57* | |
| | | *For Reinforcing Rods Are At 18" On Center, Deduct* | *-0.13* | |
| | | *For Reinforcing Rods Are At 24" On Center, Deduct* | *-0.40* | |
| | | *For Up To 500, Add* | *4.47* | |
| | | *For >500 To 1,000, Add* | *3.13* | |
| | | *For >1,000 To 2,000, Add* | *1.79* | |
| | | *For >2,000 To 5,000, Add* | *0.90* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.46* | |
| | | *For >20,000 To 35,000, Deduct* | *-0.79* | |
| | | *For >35,000 To 50,000, Deduct* | *-1.13* | |
| | | *For >50,000 To 70,000, Deduct* | *-1.47* | |
| | | *For >70,000, Deduct* | *-1.81* | |

### 03 31 13 00-0010 Concrete Delivery And Placement *(03 31 13)*

Note: Includes cleaning out equipment and standard concrete placement tests. See CSI section 01 45 23 00-0000 for additional tests, 03 05 13 00-0001 for admixtures.

### 03 31 13 00-0011 Place Concrete By Method Indicated *(03 31 13 00-0010)*

Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.

### 03 31 13 00-0012 Place Concrete Pile Caps *(03 31 13 00-0011)*

| | | | | |
|---|---|---|---|---|
| 03 31 13 00-0013 | CY | Crane And Bucket, Place 3,000 PSI Concrete Pile Caps | 259.95 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *43.08* | |
| | | *For >20 To 50, Add* | *16.16* | |
| | | *For >100 To 200, Deduct* | *-5.20* | |
| | | *For >200 To 400, Deduct* | *-10.40* | |
| | | *For >400, Deduct* | *-15.60* | |
| 03 31 13 00-0014 | CY | Direct Chute, Place 3,000 PSI Concrete Pile Caps | 198.17 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *18.37* | |
| | | *For >20 To 50, Add* | *6.89* | |
| | | *For >100 To 200, Deduct* | *-3.96* | |
| | | *For >200 To 400, Deduct* | *-7.93* | |
| | | *For >400, Deduct* | *-11.89* | |
| 03 31 13 00-0015 | CY | Concrete Pump, Place 3,000 PSI Concrete Pile Caps<br>Note: Excludes pumping equipment. | 208.68 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *17.50* | |
| | | *For >20 To 50, Add* | *6.56* | |
| | | *For >100 To 200, Deduct* | *-4.17* | |
| | | *For >200 To 400, Deduct* | *-8.35* | |
| | | *For >400, Deduct* | *-12.52* | |

### 03 31 13 00-0016 Place Concrete Continuous Footings *(03 31 13 00-0011)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0017 | CY | Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings | 247.98 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *38.29* | |
| | | *For >20 To 50, Add* | *14.36* | |
| | | *For >100 To 200, Deduct* | *-4.96* | |
| | | *For >200 To 400, Deduct* | *-9.92* | |
| | | *For >400, Deduct* | *-14.88* | |
| 03 31 13 00-0018 | CY | Direct Chute, Place 3,000 PSI Concrete Continuous Footings | 193.08 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *16.33* | |
| | | *For >20 To 50, Add* | *6.12* | |
| | | *For >100 To 200, Deduct* | *-3.86* | |
| | | *For >200 To 400, Deduct* | *-7.72* | |
| | | *For >400, Deduct* | *-11.58* | |
| 03 31 13 00-0019 | CY | Concrete Pump, Place 3,000 PSI Concrete Continuous Footings<br>Note: Excludes pumping equipment. | 203.82 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *15.55* | |
| | | *For >20 To 50, Add* | *5.83* | |
| | | *For >100 To 200, Deduct* | *-4.08* | |
| | | *For >200 To 400, Deduct* | *-8.15* | |
| | | *For >400, Deduct* | *-12.23* | |

## 03 31 13 00-0020 Place Concrete Spread Footings *(03 31 13 00-0011)*

| | | | | |
|---|---|---|---|---|
| 03 31 13 00-0021 | CY | Crane And Bucket, Place 3,000 PSI Concrete Spread Footings | 313.80 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *64.62* | |
| | | *For >20 To 50, Add* | *24.23* | |
| | | *For >100 To 200, Deduct* | *-6.28* | |
| | | *For >200 To 400, Deduct* | *-12.55* | |
| | | *For >400, Deduct* | *-18.83* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0022 | CY | Direct Chute, Place 3,000 PSI Concrete Spread Footings | 221.14 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *27.56* | |
| | | *For >20 To 50, Add* | *10.33* | |
| | | *For >100 To 200, Deduct* | *-4.42* | |
| | | *For >200 To 400, Deduct* | *-8.85* | |
| | | *For >400, Deduct* | *-13.27* | |
| 03 31 13 00-0023 | CY | Concrete Pump, Place 3,000 PSI Concrete Spread Footings | 230.55 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *26.24* | |
| | | *For >20 To 50, Add* | *9.84* | |
| | | *For >100 To 200, Deduct* | *-4.61* | |
| | | *For >200 To 400, Deduct* | *-9.22* | |
| | | *For >400, Deduct* | *-13.83* | |

## 03 31 13 00-0024 Place Concrete Mat Foundation *(03 31 13 00-0011)*

| | | | | |
|---|---|---|---|---|
| 03 31 13 00-0025 | CY | Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation | 180.97 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *11.49* | |
| | | *For >20 To 50, Add* | *4.31* | |
| | | *For >100 To 200, Deduct* | *-3.62* | |
| | | *For >200 To 400, Deduct* | *-7.24* | |
| | | *For >400, Deduct* | *-10.86* | |
| 03 31 13 00-0026 | CY | Direct Chute, Place 3,000 PSI Concrete Mat Foundation | 164.50 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *4.90* | |
| | | *For >20 To 50, Add* | *1.84* | |
| | | *For >100 To 200, Deduct* | *-3.29* | |
| | | *For >200 To 400, Deduct* | *-6.58* | |
| | | *For >400, Deduct* | *-9.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0027 | CY | Concrete Pump, Place 3,000 PSI Concrete Mat Foundation | 175.14 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *4.08* | |
| | | *For >20 To 50, Add* | *1.53* | |
| | | *For >100 To 200, Deduct* | *-3.50* | |
| | | *For >200 To 400, Deduct* | *-7.01* | |
| | | *For >400, Deduct* | *-10.51* | |

### 03 31 13 00-0028 Place Concrete Grade Beams *(03 31 13 00-0011)*

| | | | | |
|---|---|---|---|---|
| 03 31 13 00-0029 | CY | Crane And Bucket, Place 3,000 PSI Concrete Grade Beams | 228.84 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *30.64* | |
| | | *For >20 To 50, Add* | *11.49* | |
| | | *For >100 To 200, Deduct* | *-4.58* | |
| | | *For >200 To 400, Deduct* | *-9.15* | |
| | | *For >400, Deduct* | *-13.73* | |
| 03 31 13 00-0030 | CY | Direct Chute, Place 3,000 PSI Concrete Grade Beams | 184.90 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *13.06* | |
| | | *For >20 To 50, Add* | *4.90* | |
| | | *For >100 To 200, Deduct* | *-3.70* | |
| | | *For >200 To 400, Deduct* | *-7.40* | |
| | | *For >400, Deduct* | *-11.09* | |
| 03 31 13 00-0031 | CY | Concrete Pump, Place 3,000 PSI Concrete Grade Beams | 196.04 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *12.44* | |
| | | *For >20 To 50, Add* | *4.67* | |
| | | *For >100 To 200, Deduct* | *-3.92* | |
| | | *For >200 To 400, Deduct* | *-7.84* | |
| | | *For >400, Deduct* | *-11.76* | |

### 03 31 13 00-0032 Place Concrete Slab On Grade *(03 31 13 00-0011)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0033 | CY | Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade | 230.64 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *31.36* | |
| | | *For >20 To 50, Add* | *11.76* | |
| | | *For >100 To 200, Deduct* | *-4.61* | |
| | | *For >200 To 400, Deduct* | *-9.23* | |
| | | *For >400, Deduct* | *-13.84* | |
| 03 31 13 00-0034 | CY | >6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade | 211.73 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *23.79* | |
| | | *For >20 To 50, Add* | *8.92* | |
| | | *For >100 To 200, Deduct* | *-4.23* | |
| | | *For >200 To 400, Deduct* | *-8.47* | |
| | | *For >400, Deduct* | *-12.70* | |
| 03 31 13 00-0035 | CY | Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade | 185.68 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *13.37* | |
| | | *For >20 To 50, Add* | *5.01* | |
| | | *For >100 To 200, Deduct* | *-3.71* | |
| | | *For >200 To 400, Deduct* | *-7.43* | |
| | | *For >400, Deduct* | *-11.14* | |
| 03 31 13 00-0036 | CY | >6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade | 177.61 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *10.14* | |
| | | *For >20 To 50, Add* | *3.80* | |
| | | *For >100 To 200, Deduct* | *-3.55* | |
| | | *For >200 To 400, Deduct* | *-7.10* | |
| | | *For >400, Deduct* | *-10.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0037 | CY | Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade | 192.80 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *11.14* | |
| | | *For >20 To 50, Add* | *4.18* | |
| | | *For >100 To 200, Deduct* | *-3.86* | |
| | | *For >200 To 400, Deduct* | *-7.71* | |
| | | *For >400, Deduct* | *-11.57* | |
| 03 31 13 00-0038 | CY | >6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade | 186.07 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *8.45* | |
| | | *For >20 To 50, Add* | *3.17* | |
| | | *For >100 To 200, Deduct* | *-3.72* | |
| | | *For >200 To 400, Deduct* | *-7.44* | |
| | | *For >400, Deduct* | *-11.16* | |
| 03 31 13 00-0039 | | Place Concrete Duct Bank *(03 31 13 00-0011)* | | |
| 03 31 13 00-0040 | CY | Direct Chute, Place 3,000 PSI Concrete Duct Bank | 179.91 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *11.06* | |
| | | *For >20 To 50, Add* | *4.15* | |
| | | *For >100 To 200, Deduct* | *-3.60* | |
| | | *For >200 To 400, Deduct* | *-7.20* | |
| | | *For >400, Deduct* | *-10.79* | |
| 03 31 13 00-0041 | | Place Concrete Stairs *(03 31 13 00-0011)* | | |
| 03 31 13 00-0042 | CY | Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs | 504.93 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *141.07* | |
| | | *For >20 To 50, Add* | *52.90* | |
| | | *For >100 To 200, Deduct* | *-10.10* | |
| | | *For >200 To 400, Deduct* | *-20.20* | |
| | | *For >400, Deduct* | *-30.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0043 | CY | Direct Chute, Place 3,000 PSI On Grade Concrete Stairs | 302.66 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *60.16* | |
| | | *For >20 To 50, Add* | *22.56* | |
| | | *For >100 To 200, Deduct* | *-6.05* | |
| | | *For >200 To 400, Deduct* | *-12.11* | |
| | | *For >400, Deduct* | *-18.16* | |
| 03 31 13 00-0044 | CY | Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs<br>Note: Excludes pumping equipment. | 290.30 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *50.14* | |
| | | *For >20 To 50, Add* | *18.80* | |
| | | *For >100 To 200, Deduct* | *-5.81* | |
| | | *For >200 To 400, Deduct* | *-11.61* | |
| | | *For >400, Deduct* | *-17.42* | |

### 03 31 13 00-0045 Place Concrete Superstructure By Method Indicated *(03 31 13 00-0010)*

See CSI section 03 37 16 00-0001 for concrete pump truck.

### 03 31 13 00-0046 Place Elevated Concrete Beams *(03 31 13 00-0045)*

| | | | | |
|---|---|---|---|---|
| 03 31 13 00-0047 | CY | Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams | 343.71 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *76.58* | |
| | | *For >20 To 50, Add* | *28.72* | |
| | | *For >100 To 200, Deduct* | *-6.87* | |
| | | *For >200 To 400, Deduct* | *-13.75* | |
| | | *For >400, Deduct* | *-20.62* | |
| 03 31 13 00-0048 | CY | Concrete Pump, Place 3,000 PSI Elevated Concrete Beams<br>Note: Excludes pumping equipment. | 242.70 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *31.10* | |
| | | *For >20 To 50, Add* | *11.66* | |
| | | *For >100 To 200, Deduct* | *-4.85* | |
| | | *For >200 To 400, Deduct* | *-9.71* | |
| | | *For >400, Deduct* | *-14.56* | |

### 03 31 13 00-0049 Place Elevated Concrete Slab *(03 31 13 00-0045)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0050 | CY | Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab | 242.39 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *36.06* | |
| | | *For >20 To 50, Add* | *13.52* | |
| | | *For >100 To 200, Deduct* | *-4.85* | |
| | | *For >200 To 400, Deduct* | *-9.70* | |
| | | *For >400, Deduct* | *-14.54* | |
| 03 31 13 00-0051 | CY | >6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab | 220.64 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *27.36* | |
| | | *For >20 To 50, Add* | *10.26* | |
| | | *For >100 To 200, Deduct* | *-4.41* | |
| | | *For >200 To 400, Deduct* | *-8.83* | |
| | | *For >400, Deduct* | *-13.24* | |
| 03 31 13 00-0052 | CY | Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab<br>Note: Excludes pumping equipment. | 201.55 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *14.64* | |
| | | *For >20 To 50, Add* | *5.49* | |
| | | *For >100 To 200, Deduct* | *-4.03* | |
| | | *For >200 To 400, Deduct* | *-8.06* | |
| | | *For >400, Deduct* | *-12.09* | |
| 03 31 13 00-0053 | CY | >6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab<br>Note: Excludes pumping equipment. | 192.71 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *11.11* | |
| | | *For >20 To 50, Add* | *4.17* | |
| | | *For >100 To 200, Deduct* | *-3.85* | |
| | | *For >200 To 400, Deduct* | *-7.71* | |
| | | *For >400, Deduct* | *-11.56* | |

03 31 13 00-0054 Place Concrete Columns *(03 31 13 00-0045)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0055 | CY | 12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns | 359.03 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *82.71* | |
| | | *For >20 To 50, Add* | *31.02* | |
| | | *For >100 To 200, Deduct* | *-7.18* | |
| | | *For >200 To 400, Deduct* | *-14.36* | |
| | | *For >400, Deduct* | *-21.54* | |
| 03 31 13 00-0056 | CY | 18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns | 302.55 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *60.12* | |
| | | *For >20 To 50, Add* | *22.55* | |
| | | *For >100 To 200, Deduct* | *-6.05* | |
| | | *For >200 To 400, Deduct* | *-12.10* | |
| | | *For >400, Deduct* | *-18.15* | |
| 03 31 13 00-0057 | CY | 24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns | 262.15 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *43.96* | |
| | | *For >20 To 50, Add* | *16.49* | |
| | | *For >100 To 200, Deduct* | *-5.24* | |
| | | *For >200 To 400, Deduct* | *-10.49* | |
| | | *For >400, Deduct* | *-15.73* | |
| 03 31 13 00-0058 | CY | 36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns | 244.16 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *36.76* | |
| | | *For >20 To 50, Add* | *13.79* | |
| | | *For >100 To 200, Deduct* | *-4.88* | |
| | | *For >200 To 400, Deduct* | *-9.77* | |
| | | *For >400, Deduct* | *-14.65* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0059 | CY | 12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns | 248.93 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *33.60* | |
| | | *For >20 To 50, Add* | *12.60* | |
| | | *For >100 To 200, Deduct* | *-4.98* | |
| | | *For >200 To 400, Deduct* | *-9.96* | |
| | | *For >400, Deduct* | *-14.94* | |
| 03 31 13 00-0060 | CY | 18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns | 225.98 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *24.42* | |
| | | *For >20 To 50, Add* | *9.16* | |
| | | *For >100 To 200, Deduct* | *-4.52* | |
| | | *For >200 To 400, Deduct* | *-9.04* | |
| | | *For >400, Deduct* | *-13.56* | |
| 03 31 13 00-0061 | CY | 24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns | 209.57 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *17.85* | |
| | | *For >20 To 50, Add* | *6.69* | |
| | | *For >100 To 200, Deduct* | *-4.19* | |
| | | *For >200 To 400, Deduct* | *-8.38* | |
| | | *For >400, Deduct* | *-12.57* | |
| 03 31 13 00-0062 | CY | 36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns | 202.27 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *14.93* | |
| | | *For >20 To 50, Add* | *5.60* | |
| | | *For >100 To 200, Deduct* | *-4.05* | |
| | | *For >200 To 400, Deduct* | *-8.09* | |
| | | *For >400, Deduct* | *-12.14* | |

03 31 13 00-0063 Place Concrete Walls *(03 31 13 00-0045)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0064 | CY | Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls | 346.11 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *77.54* | |
| | | *For >20 To 50, Add* | *29.08* | |
| | | *For >100 To 200, Deduct* | *-6.92* | |
| | | *For >200 To 400, Deduct* | *-13.84* | |
| | | *For >400, Deduct* | *-20.77* | |
| 03 31 13 00-0065 | CY | 12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls | 330.03 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *71.11* | |
| | | *For >20 To 50, Add* | *26.67* | |
| | | *For >100 To 200, Deduct* | *-6.60* | |
| | | *For >200 To 400, Deduct* | *-13.20* | |
| | | *For >400, Deduct* | *-19.80* | |
| 03 31 13 00-0066 | CY | 15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls | 287.95 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *54.28* | |
| | | *For >20 To 50, Add* | *20.36* | |
| | | *For >100 To 200, Deduct* | *-5.76* | |
| | | *For >200 To 400, Deduct* | *-11.52* | |
| | | *For >400, Deduct* | *-17.28* | |
| 03 31 13 00-0067 | CY | Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls | 234.92 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *33.07* | |
| | | *For >20 To 50, Add* | *12.40* | |
| | | *For >100 To 200, Deduct* | *-4.70* | |
| | | *For >200 To 400, Deduct* | *-9.40* | |
| | | *For >400, Deduct* | *-14.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0068 | CY | 12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls | 218.39 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *26.46* | |
| | | *For >20 To 50, Add* | *9.92* | |
| | | *For >100 To 200, Deduct* | *-4.37* | |
| | | *For >200 To 400, Deduct* | *-8.74* | |
| | | *For >400, Deduct* | *-13.10* | |
| 03 31 13 00-0069 | CY | 15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls | 210.12 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *23.15* | |
| | | *For >20 To 50, Add* | *8.68* | |
| | | *For >100 To 200, Deduct* | *-4.20* | |
| | | *For >200 To 400, Deduct* | *-8.40* | |
| | | *For >400, Deduct* | *-12.61* | |
| 03 31 13 00-0070 | CY | Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls<br>Note: Excludes pumping equipment. | 243.66 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *31.49* | |
| | | *For >20 To 50, Add* | *11.81* | |
| | | *For >100 To 200, Deduct* | *-4.87* | |
| | | *For >200 To 400, Deduct* | *-9.75* | |
| | | *For >400, Deduct* | *-14.62* | |
| 03 31 13 00-0071 | CY | 12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls<br>Note: Excludes pumping equipment. | 227.92 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *25.19* | |
| | | *For >20 To 50, Add* | *9.45* | |
| | | *For >100 To 200, Deduct* | *-4.56* | |
| | | *For >200 To 400, Deduct* | *-9.12* | |
| | | *For >400, Deduct* | *-13.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0072 | CY | 15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls | 220.05 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *22.04* | |
| | | *For >20 To 50, Add* | *8.27* | |
| | | *For >100 To 200, Deduct* | *-4.40* | |
| | | *For >200 To 400, Deduct* | *-8.80* | |
| | | *For >400, Deduct* | *-13.20* | |

### 03 31 13 00-0073 Place Elevated Concrete Stairs *(03 31 13 00-0045)*

| | | | | |
|---|---|---|---|---|
| 03 31 13 00-0074 | CY | Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs | 544.15 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *156.76* | |
| | | *For >20 To 50, Add* | *58.79* | |
| | | *For >100 To 200, Deduct* | *-10.88* | |
| | | *For >200 To 400, Deduct* | *-21.77* | |
| | | *For >400, Deduct* | *-32.65* | |
| 03 31 13 00-0075 | CY | Direct Chute, Place 3,000 PSI Elevated Concrete Stairs | 319.37 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *66.85* | |
| | | *For >20 To 50, Add* | *25.07* | |
| | | *For >100 To 200, Deduct* | *-6.39* | |
| | | *For >200 To 400, Deduct* | *-12.77* | |
| | | *For >400, Deduct* | *-19.16* | |
| 03 31 13 00-0076 | CY | Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs | 304.21 | |
| | | Note: Excludes pumping equipment. | | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *55.71* | |
| | | *For >20 To 50, Add* | *20.89* | |
| | | *For >100 To 200, Deduct* | *-6.08* | |
| | | *For >200 To 400, Deduct* | *-12.17* | |
| | | *For >400, Deduct* | *-18.25* | |

### 03 31 13 00-0077 Place Concrete Coping *(03 31 13 00-0045)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 31 13 00-0078 | CY | Crane And Bucket, Place 3,000 PSI Concrete Coping | 557.71 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *162.18* | |
| | | *For >20 To 50, Add* | *60.82* | |
| | | *For >100 To 200, Deduct* | *-11.15* | |
| | | *For >200 To 400, Deduct* | *-22.31* | |
| | | *For >400, Deduct* | *-33.46* | |
| 03 31 13 00-0079 | CY | Direct Chute, Place 3,000 PSI Concrete Coping | 318.24 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.22* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.11* | |
| | | *For 3,500 PSI Concrete, Add* | *7.61* | |
| | | *For 3,750 PSI Concrete, Add* | *10.35* | |
| | | *For 4,000 PSI Concrete, Add* | *13.09* | |
| | | *For 4,500 PSI Concrete, Add* | *15.23* | |
| | | *For 5,000 PSI Concrete, Add* | *17.36* | |
| | | *For 6,000 PSI Concrete, Add* | *41.11* | |
| | | *For 7,500 PSI Concrete, Add* | *102.08* | |
| | | *For White Cement Concrete, Add* | *18.27* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *19.79* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *15.23* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *45.68* | |
| | | *For Up To 20, Add* | *66.40* | |
| | | *For >20 To 50, Add* | *24.90* | |
| | | *For >100 To 200, Deduct* | *-6.36* | |
| | | *For >200 To 400, Deduct* | *-12.73* | |
| | | *For >400, Deduct* | *-19.09* | |
| 03 31 13 00-0080 | CY | Concrete Pump, Place 3,000 PSI Concrete Coping<br>Note: Excludes pumping equipment. | 416.37 | |
| | | *For 2,000 PSI Concrete, Deduct* | *-8.91* | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Add* | *8.25* | |
| | | *For 3,750 PSI Concrete, Add* | *11.22* | |
| | | *For 4,000 PSI Concrete, Add* | *14.18* | |
| | | *For 4,500 PSI Concrete, Add* | *16.49* | |
| | | *For 5,000 PSI Concrete, Add* | *18.80* | |
| | | *For 6,000 PSI Concrete, Add* | *44.53* | |
| | | *For 7,500 PSI Concrete, Add* | *110.59* | |
| | | *For White Cement Concrete, Add* | *19.79* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *21.44* | |
| | | *For High Early Strength, Type 3 ASTM C150, Add* | *16.49* | |
| | | *For Lightweight Aggregate, ASTM C330, Add* | *49.48* | |
| | | *For Up To 20, Add* | *100.57* | |
| | | *For >20 To 50, Add* | *37.71* | |
| | | *For >100 To 200, Deduct* | *-8.33* | |
| | | *For >200 To 400, Deduct* | *-16.65* | |
| | | *For >400, Deduct* | *-24.98* | |
| 03 31 13 00-0081 | | Concrete Carts *(03 31 13 00-0010)*<br>Note: Used to place concrete were necessary. | | |
| 03 31 13 00-0082 | CY | 50' Haul, Non Motorized, Concrete Buggy | 19.26 | |
| 03 31 13 00-0083 | CY | 150' Haul, Non Motorized, Concrete Buggy | 25.79 | |
| 03 31 13 00-0084 | CY | 250' Haul, Non Motorized, Concrete Buggy | 34.40 | |
| 03 31 13 00-0085 | CY | 50' Haul, Motorized, Concrete Buggy | 9.00 | |
| 03 31 13 00-0086 | CY | 150' Haul, Motorized, Concrete Buggy | 12.08 | |
| 03 31 13 00-0087 | CY | 250' Haul, Motorized, Concrete Buggy | 16.10 | |
| 03 31 13 00-0088 | | Delivery Fee For Small Concrete Purchases (Short Load) *(03 31 13)* | | |
| 03 31 13 00-0089 | CY | Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY<br>Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7. | 28.96 | |
| 03 31 13 00-0090 | | Equipment Pads *(03 31 13)* | | |
| 03 31 13 00-0091 | | Small Concrete Equipment Housekeeping Pad Assemblies *(03 31 13 00-0090)*<br>Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad. See CSI section 03 31 13 00-0002 for >50 SF concrete pads. | | |
| 03 31 13 00-0092 | SF | 4" Equipment Pad With Welded Wire Reinforcement | 17.76 | |
| 03 31 13 00-0093 | SF | 4" Equipment Pad With Rebar | 21.85 | |
| 03 31 13 00-0094 | SF | 6" Equipment Pad With Rebar | 27.67 | |
| 03 31 13 00-0095 | SF | 8" Equipment Pad With Rebar | 34.84 | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **03 31 16** | | **Lightweight Structural Concrete** *(03 31)* | | |
| 03 31 16 00-0001 | | Low Density Cellular / Foam Concrete Fill *(03 31 16)* | | |
| 03 31 16 00-0002 | CY | Lightweight Low Density Cellular/Foam Concrete, 100 To 120 PCF Density Range | 255.53 | |
| 03 35 | | Concrete Finishing *(03 30)* | | |
| **03 35 13** | | **High-Tolerance Concrete Floor Finishing** *(03 35)* | | |
| 03 35 13 00-0001 | | Floor Finishes *(03 35 13)* | | |
| | | Note: Task is for final finish type and includes all required prior finishes. | | |
| 03 35 13 00-0002 | SF | Screed, Concrete Floor Finish | 0.93 | |
| | | *For Up To 100, Add* | *1.86* | |
| | | *For >100 To 250, Add* | *0.47* | |
| | | *For >250 To 500, Add* | *0.23* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000, Deduct* | *-0.09* | |
| 03 35 13 00-0003 | SF | Darby, Concrete Floor Finish | 1.11 | |
| | | *For Up To 100, Add* | *2.22* | |
| | | *For >100 To 250, Add* | *0.56* | |
| | | *For >250 To 500, Add* | *0.28* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000, Deduct* | *-0.11* | |
| 03 35 13 00-0004 | SF | Broom, Concrete Floor Finish | 1.23 | |
| | | *For Up To 100, Add* | *2.46* | |
| | | *For >100 To 250, Add* | *0.62* | |
| | | *For >250 To 500, Add* | *0.31* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000, Deduct* | *-0.12* | |
| 03 35 13 00-0005 | SF | Final Float, Concrete Floor Finish | 1.46 | |
| | | *For Up To 100, Add* | *2.92* | |
| | | *For >100 To 250, Add* | *0.73* | |
| | | *For >250 To 500, Add* | *0.37* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000, Deduct* | *-0.15* | |
| 03 35 13 00-0006 | SF | Steel Trowel, Concrete Floor Finish | 1.65 | |
| | | *For Up To 100, Add* | *3.30* | |
| | | *For >100 To 250, Add* | *0.83* | |
| | | *For >250 To 500, Add* | *0.41* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000, Deduct* | *-0.17* | |
| 03 35 13 00-0007 | SF | Concrete Floor Finishes, Machine | 1.46 | |
| | | *For Up To 100, Add* | *2.92* | |
| | | *For >100 To 250, Add* | *0.73* | |
| | | *For >250 To 500, Add* | *0.37* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000, Deduct* | *-0.15* | |
| **03 35 16** | | **Heavy-Duty Concrete Floor Finishing** *(03 35)* | | |
| 03 35 16 00-0001 | | Shake On Floor Hardeners *(03 35 16)* | | |
| 03 35 16 00-0002 | SF | 0.3 LB/SF, Metallic, Shake On Floor Hardener | 1.16 | |
| 03 35 16 00-0003 | SF | 0.65 LB/SF, Metallic, Shake On Floor Hardener | 1.77 | |
| 03 35 16 00-0004 | SF | 0.3 LB/SF, Non Metallic, Shake On Floor Hardener | 1.10 | |
| 03 35 16 00-0005 | SF | 0.65 LB/SF, Non Metallic, Shake On Floor Hardener | 1.32 | |
| **03 35 19** | | **Colored Concrete Finishing** *(03 35)* | | |
| 03 35 19 00-0001 | | Concrete Surface Treatments *(03 35 19)* | | |
| 03 35 19 00-0002 | SF | Acrylic Latex Bonding Agent | 0.43 | |
| 03 35 19 00-0003 | SF | Epoxy Resin Bonding Agent | 2.71 | |
| 03 35 19 00-0004 | SF | Clear Acrylic Sealer, Hardener And Dustproofer | 0.32 | |
| 03 35 19 00-0005 | SF | Colored Acrylic Sealer, Hardener And Dustproofer | 0.34 | |
| **03 35 23** | | **Exposed Aggregate Concrete Finishing** *(03 35)* | | |
| 03 35 23 00-0001 | | Exposed Aggregate, Concrete Finish *(03 35 23)* | | |
| 03 35 23 00-0002 | SF | Exposed Aggregate, Concrete Floor Finish | 3.05 | |
| **03 35 26** | | **Grooved Concrete Surface Finishing** *(03 35)* | | |
| 03 35 26 00-0001 | | Ramp, Grooved Concrete Surface Finishing *(03 35 26)* | | |
| 03 35 26 00-0002 | SF | Ramp, Grooved Concrete Surface Finishing | 4.09 | |
| **03 35 29** | | **Tooled Concrete Finishing** *(03 35)* | | |
| 03 35 29 00-0001 | | Solid Board Concrete Finish *(03 35 29)* | | |
| 03 35 29 00-0002 | SF | Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork | 12.70 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 35 29 00-0003 | | Marblecrete Finishes *(03 35 29)* | | |
| 03 35 29 00-0004 | SF | 2" Thick Marblecrete And Finish | 36.88 | |
| 03 35 29 00-0005 | SF | 4" Thick Marblecrete And Finish | 49.45 | |
| **03 35 33** | | **Stamped Concrete Finishing** *(03 35)* | | |
| 03 35 33 00-0001 | | Stamped Concrete Finishes *(03 35 33)* | | |
| 03 35 33 00-0002 | SF | Up To 2,500 SF Stamped Concrete Finish | 3.73 | |
| 03 35 33 00-0003 | SF | >2,500 To 10,000 SF Stamped Concrete Finish | 3.38 | |
| 03 35 33 00-0004 | SF | >10,000 SF Stamped Concrete Finish | 3.23 | |
| **03 35 43** | | **Polished Concrete Finishing** *(03 35)* | | |
| 03 35 43 00-0001 | | Concrete Floor Polishing System *(03 35 43)* | | |
| | | Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results. | | |
| 03 35 43 00-0002 | SF | Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels | 1.79 | |
| | | *For Up To 500, Add* | *3.40* | |
| | | *For >500 To 1,000, Add* | *3.15* | |
| | | *For >1,000 To 2,500, Add* | *2.08* | |
| | | *For >2,500 To 4,000, Add* | *1.09* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.42* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.53* | |
| | | *For >25,000, Deduct* | *-0.75* | |
| 03 35 43 00-0003 | SF | Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels | 1.43 | |
| | | *For Up To 500, Add* | *2.70* | |
| | | *For >500 To 1,000, Add* | *2.50* | |
| | | *For >1,000 To 2,500, Add* | *1.65* | |
| | | *For >2,500 To 4,000, Add* | *0.86* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.33* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.42* | |
| | | *For >25,000, Deduct* | *-0.60* | |
| 03 35 43 00-0004 | SF | Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels | 1.20 | |
| | | *For Up To 500, Add* | *2.25* | |
| | | *For >500 To 1,000, Add* | *2.09* | |
| | | *For >1,000 To 2,500, Add* | *1.38* | |
| | | *For >2,500 To 4,000, Add* | *0.72* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.28* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.35* | |
| | | *For >25,000, Deduct* | *-0.50* | |
| 03 35 43 00-0005 | SF | Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels | 1.12 | |
| | | *For Up To 500, Add* | *2.10* | |
| | | *For >500 To 1,000, Add* | *1.94* | |
| | | *For >1,000 To 2,500, Add* | *1.29* | |
| | | *For >2,500 To 4,000, Add* | *0.67* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.26* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.33* | |
| | | *For >25,000, Deduct* | *-0.46* | |
| 03 35 43 00-0006 | SF | Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels | 1.04 | |
| | | *For Up To 500, Add* | *1.94* | |
| | | *For >500 To 1,000, Add* | *1.80* | |
| | | *For >1,000 To 2,500, Add* | *1.19* | |
| | | *For >2,500 To 4,000, Add* | *0.62* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.24* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.31* | |
| | | *For >25,000, Deduct* | *-0.43* | |
| 03 35 43 00-0007 | SF | Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels | 1.04 | |
| | | *For Up To 500, Add* | *1.94* | |
| | | *For >500 To 1,000, Add* | *1.80* | |
| | | *For >1,000 To 2,500, Add* | *1.19* | |
| | | *For >2,500 To 4,000, Add* | *0.62* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.24* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.31* | |
| | | *For >25,000, Deduct* | *-0.43* | |
| 03 35 43 00-0008 | SF | Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels | 1.04 | |
| | | *For Up To 500, Add* | *1.94* | |
| | | *For >500 To 1,000, Add* | *1.80* | |
| | | *For >1,000 To 2,500, Add* | *1.19* | |
| | | *For >2,500 To 4,000, Add* | *0.62* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.24* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.31* | |
| | | *For >25,000, Deduct* | *-0.43* | |
| 03 35 43 00-0009 | SF | Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels | 1.04 | |
| | | *For Up To 500, Add* | *1.94* | |
| | | *For >500 To 1,000, Add* | *1.80* | |
| | | *For >1,000 To 2,500, Add* | *1.19* | |
| | | *For >2,500 To 4,000, Add* | *0.62* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.24* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.31* | |
| | | *For >25,000, Deduct* | *-0.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 35 43 00-0010 | SF | High Speed Burnish Concrete Floor With Diamond Pads | 0.25 | |
| | | *For Up To 500, Add* | *0.41* | |
| | | *For >500 To 1,000, Add* | *0.38* | |
| | | *For >1,000 To 2,500, Add* | *0.25* | |
| | | *For >2,500 To 4,000, Add* | *0.13* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.05* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.06* | |
| | | *For >25,000, Deduct* | *-0.09* | |
| 03 35 43 00-0011 | SF | Apply 1 Coat Of Concrete Densifier | 0.46 | |
| | | *For Up To 500, Add* | *0.50* | |
| | | *For >500 To 1,000, Add* | *0.47* | |
| | | *For >1,000 To 2,500, Add* | *0.31* | |
| | | *For >2,500 To 4,000, Add* | *0.16* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.06* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.08* | |
| | | *For >25,000, Deduct* | *-0.11* | |
| 03 35 43 00-0012 | SF | Apply 2 Coats Of Concrete Densifier With Stain Protector | 0.81 | |
| | | *For Up To 500, Add* | *0.78* | |
| | | *For >500 To 1,000, Add* | *0.72* | |
| | | *For >1,000 To 2,500, Add* | *0.48* | |
| | | *For >2,500 To 4,000, Add* | *0.25* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.10* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.12* | |
| | | *For >25,000, Deduct* | *-0.17* | |
| 03 35 43 00-0013 | SF | Concrete Floor Polishing Final Clean Up | 0.15 | |
| | | *For Up To 500, Add* | *0.29* | |
| | | *For >500 To 1,000, Add* | *0.27* | |
| | | *For >1,000 To 2,500, Add* | *0.18* | |
| | | *For >2,500 To 4,000, Add* | *0.09* | |
| | | *For >8,000 To 15,000, Deduct* | *-0.04* | |
| | | *For >15,000 To 25,000, Deduct* | *-0.05* | |
| | | *For >25,000, Deduct* | *-0.06* | |

## 03 35 63 Slip-Resistant Floor Finishing *(03 35)*

### 03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

| | | | | |
|---|---|---|---|---|
| 03 35 63 00-0002 | SF | Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF | 1.29 | |
| | | *For Up To 100, Add* | *1.80* | |
| | | *For >100 To 250, Add* | *0.45* | |
| | | *For >250 To 500, Add* | *0.23* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000, Deduct* | *-0.09* | |
| 03 35 63 00-0003 | SF | Silicone Carbide Abrasive Floor Finish 0.25 LB/SF | 1.33 | |
| | | *For Up To 100, Add* | *1.80* | |
| | | *For >100 To 250, Add* | *0.45* | |
| | | *For >250 To 500, Add* | *0.23* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000, Deduct* | *-0.09* | |

## 03 35 66 Acid Etch Floor Finishing *(03 35)*

### 03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

| | | | | |
|---|---|---|---|---|
| 03 35 66 00-0002 | SF | Concrete Floor Finishes, Etch With Acid And Rinse | 0.91 | |
| | | *For Up To 100, Add* | *0.86* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000, Deduct* | *-0.04* | |

## 03 35 83 Concrete Wall Finishing *(03 35)*

### 03 35 83 00-0001 Wall Finishes *(03 35 83)*

| | | | | |
|---|---|---|---|---|
| 03 35 83 00-0002 | SF | Burlap Rub With Grout, New Concrete Wall Finishes | 1.65 | |
| | | *For Up To 100, Add* | *3.12* | |
| | | *For >100 To 250, Add* | *0.78* | |
| | | *For >250 To 500, Add* | *0.39* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000, Deduct* | *-0.16* | |
| 03 35 83 00-0003 | SF | 1/16" Float Finish, New Concrete Wall Finishes | 2.46 | |
| | | *For Up To 100, Add* | *4.66* | |
| | | *For >100 To 250, Add* | *1.17* | |
| | | *For >250 To 500, Add* | *0.58* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000, Deduct* | *-0.23* | |
| 03 35 83 00-0004 | SF | Etch With Acid And Rinse, New Concrete Wall Finishes | 1.00 | |
| | | *For Up To 100, Add* | *1.04* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000, Deduct* | *-0.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 35 83 00-0005 | SF | Bush Hammer Green Concrete, New Concrete Wall Finishes | 4.98 | |
| | | *For Up To 100, Add* | *9.88* | |
| | | *For >100 To 250, Add* | *2.47* | |
| | | *For >250 To 500, Add* | *1.24* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.25* | |
| | | *For >10,000, Deduct* | *-0.49* | |
| 03 35 83 00-0006 | SF | Bush Hammer Cured Concrete, New Concrete Wall Finishes | 7.72 | |
| | | *For Up To 100, Add* | *15.26* | |
| | | *For >100 To 250, Add* | *3.82* | |
| | | *For >250 To 500, Add* | *1.91* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.38* | |
| | | *For >10,000, Deduct* | *-0.76* | |
| 03 35 83 00-0007 | SF | Break Ties And Patch, New Concrete Wall Finishes | 0.95 | |
| | | *For Up To 100, Add* | *1.68* | |
| | | *For >100 To 250, Add* | *0.42* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000, Deduct* | *-0.08* | |
| 03 35 83 00-0008 | SF | Carborundum Dry Rub, New Concrete Wall Finishes | 3.22 | |
| | | *For Up To 100, Add* | *6.22* | |
| | | *For >100 To 250, Add* | *1.56* | |
| | | *For >250 To 500, Add* | *0.78* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000, Deduct* | *-0.31* | |
| 03 35 83 00-0009 | SF | Carborundum Wet Rub, New Concrete Wall Finishes | 4.91 | |
| | | *For Up To 100, Add* | *9.60* | |
| | | *For >100 To 250, Add* | *2.40* | |
| | | *For >250 To 500, Add* | *1.20* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.24* | |
| | | *For >10,000, Deduct* | *-0.48* | |
| 03 35 83 00-0010 | SF | Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes<br>Note: 4.5 Lbs of sand or abrasive material per SF | 4.78 | |
| | | *For Up To 100, Add* | *7.64* | |
| | | *For >100 To 250, Add* | *1.91* | |
| | | *For >250 To 500, Add* | *0.96* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000, Deduct* | *-0.38* | |
| 03 35 83 00-0011 | SF | >1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes<br>Note: 9 Lbs of sand abrasive material per SF | 9.57 | |
| | | *For Up To 100, Add* | *15.28* | |
| | | *For >100 To 250, Add* | *3.82* | |
| | | *For >250 To 500, Add* | *1.91* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.38* | |
| | | *For >10,000, Deduct* | *-0.76* | |

## 03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

### 03 37 13 Shotcrete *(03 37)*

#### 03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*

| | | | | |
|---|---|---|---|---|
| 03 37 13 00-0002 | SF | 1" Thick Shotcrete, Fiber Reinforced | 3.06 | |
| | | *For Up To 25, Add* | *0.56* | |
| | | *For >25 To 50, Add* | *0.33* | |
| | | *For >50 To 150, Add* | *0.13* | |
| 03 37 13 00-0003 | SF | 2" Thick Shotcrete, Fiber Reinforced | 5.78 | |
| | | *For Up To 25, Add* | *1.04* | |
| | | *For >25 To 50, Add* | *0.60* | |
| | | *For >50 To 150, Add* | *0.23* | |
| 03 37 13 00-0004 | SF | 3" Thick Shotcrete, Fiber Reinforced | 8.21 | |
| | | *For Up To 25, Add* | *1.45* | |
| | | *For >25 To 50, Add* | *0.83* | |
| | | *For >50 To 150, Add* | *0.31* | |
| 03 37 13 00-0005 | SF | 4" Thick Shotcrete, Fiber Reinforced | 10.39 | |
| | | *For Up To 25, Add* | *1.79* | |
| | | *For >25 To 50, Add* | *1.02* | |
| | | *For >50 To 150, Add* | *0.38* | |
| 03 37 13 00-0006 | SF | 6" Thick Shotcrete, Fiber Reinforced | 14.16 | |
| | | *For Up To 25, Add* | *2.33* | |
| | | *For >25 To 50, Add* | *1.32* | |
| | | *For >50 To 150, Add* | *0.46* | |

#### 03 37 13 00-0007 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

| | | | | |
|---|---|---|---|---|
| 03 37 13 00-0008 | SF | 1" Thick Gunite (Dry Mix Shotcrete), Sprayed | 3.29 | |
| | | *For Radius Or Irregular Surface, Add* | *0.95* | |
| | | *For Up To 25, Add* | *0.68* | |
| | | *For >25 To 50, Add* | *0.40* | |
| | | *For >50 To 150, Add* | *0.18* | |
| 03 37 13 00-0009 | SF | 2" Thick Gunite (Dry Mix Shotcrete), Sprayed | 6.08 | |
| | | *For Radius Or Irregular Surface, Add* | *1.70* | |
| | | *For Up To 25, Add* | *1.25* | |
| | | *For >25 To 50, Add* | *0.73* | |
| | | *For >50 To 150, Add* | *0.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 37 13 00-0010 | SF | 3" Thick Gunite (Dry Mix Shotcrete), Sprayed | 8.48 | |
| | | *For Radius Or Irregular Surface, Add* | *2.29* | |
| | | *For Up To 25, Add* | *1.71* | |
| | | *For >25 To 50, Add* | *1.00* | |
| | | *For >50 To 150, Add* | *0.43* | |
| 03 37 13 00-0011 | SF | 4" Thick Gunite (Dry Mix Shotcrete), Sprayed | 10.55 | |
| | | *For Radius Or Irregular Surface, Add* | *2.76* | |
| | | *For Up To 25, Add* | *2.09* | |
| | | *For >25 To 50, Add* | *1.22* | |
| | | *For >50 To 150, Add* | *0.52* | |

### 03 37 16 Pumped Concrete *(03 37)*

03 37 16 00-0001 Concrete Pumping With Boom Truck *(03 37 16)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

| | | | | |
|---|---|---|---|---|
| 03 37 16 00-0002 | HR | 55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating) | 162.45 | |
| 03 37 16 00-0003 | HR | 70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating) | 173.81 | |
| 03 37 16 00-0004 | HR | 90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating) | 214.83 | |
| 03 37 16 00-0005 | HR | 105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating) | 240.37 | |
| 03 37 16 00-0006 | HR | 120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating) | 266.72 | |
| 03 37 16 00-0007 | HR | 135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating) | 322.54 | |
| 03 37 16 00-0008 | HR | 148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating) | 355.84 | |
| 03 37 16 00-0009 | HR | 170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating) | 436.50 | |
| 03 37 16 00-0010 | HR | 35 CY/HR, 66 HP Trailer Mounted Concrete Pump<br>Note: Includes hoses | 112.46 | |

## 03 39 Concrete Curing *(03 30)*

### 03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

| | | | | |
|---|---|---|---|---|
| 03 39 13 00-0002 | SF | Water Based Curing, Sealing, Hardening And Dustproofing Compound<br>Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL. | 0.30 | |

### 03 39 23 Membrane Concrete Curing *(03 39)*

#### 03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Warm Weather Concrete Curing Blankets *(03 39 23 23)*

| | | | | |
|---|---|---|---|---|
| 03 39 23 23-0002 | CSF | Warm Weather Concrete Curing Blankets | 27.58 | |

03 39 23 23-0003 Cold Weather Concrete Curing Blankets *(03 39 23 23)*

| | | | | |
|---|---|---|---|---|
| 03 39 23 23-0004 | CSF | Electric, Cold Weather Concrete Curing Blanket | 266.33 | |
| 03 39 23 23-0005 | CSF | Non-Electric, Cold Weather Concrete Curing Blanket | 31.13 | |

## 03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

## 03 41 Precast Structural Concrete *(03 40)*

### 03 41 16 Precast Concrete Slabs *(03 41)*

03 41 16 00-0001 Flat Floor Slab/Floor Plank *(03 41 16)*

03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane *(03 41 16 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 16 00-0003 | EA | Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane | 319.37 | 255.51 |
| 03 41 16 00-0004 | EA | Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane | 355.02 | 283.97 |
| 03 41 16 00-0005 | EA | Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane | 376.98 | 301.57 |
| 03 41 16 00-0006 | EA | Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane | 399.64 | 319.74 |
| 03 41 16 00-0007 | EA | Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane | 427.69 | 342.13 |
| 03 41 16 00-0008 | EA | Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane | 457.09 | 365.68 |
| 03 41 16 00-0009 | EA | Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane | 490.84 | 392.65 |
| 03 41 16 00-0010 | EA | Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane | 533.83 | 427.04 |
| 03 41 16 00-0011 | EA | Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane | 580.44 | 464.40 |

03 41 16 00-0012 Material Cost *(03 41 16 00-0001)*

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 16 00-0013 | SF | 4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect | 29.12 | |
| | | *For 3,500 PSI Concrete, Add* | *0.58* | |
| | | *For 4,000 PSI Concrete, Add* | *0.87* | |
| | | *For 4,500 PSI Concrete, Add* | *1.16* | |
| | | *For 5,000 PSI Concrete, Add* | *1.75* | |
| 03 41 16 00-0014 | SF | 5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect | 34.95 | |
| | | *For 3,500 PSI Concrete, Add* | *0.70* | |
| | | *For 4,000 PSI Concrete, Add* | *1.05* | |
| | | *For 4,500 PSI Concrete, Add* | *1.40* | |
| | | *For 5,000 PSI Concrete, Add* | *2.10* | |
| 03 41 16 00-0015 | SF | 6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect | 42.71 | |
| | | *For 3,500 PSI Concrete, Add* | *0.85* | |
| | | *For 4,000 PSI Concrete, Add* | *1.28* | |
| | | *For 4,500 PSI Concrete, Add* | *1.71* | |
| | | *For 5,000 PSI Concrete, Add* | *2.56* | |
| 03 41 16 00-0016 | SF | 8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect | 56.69 | |
| | | *For 3,500 PSI Concrete, Add* | *1.13* | |
| | | *For 4,000 PSI Concrete, Add* | *1.70* | |
| | | *For 4,500 PSI Concrete, Add* | *2.27* | |
| | | *For 5,000 PSI Concrete, Add* | *3.40* | |

### 03 41 16 00-0017 Floor Units, Combination Beam And Slab *(03 41 16)*

### 03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 16 00-0019 | EA | Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane | 392.35 | 313.87 |
| 03 41 16 00-0020 | EA | Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane | 427.64 | 342.16 |
| 03 41 16 00-0021 | EA | Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane | 472.65 | 378.08 |
| 03 41 16 00-0022 | EA | Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane | 524.84 | 419.84 |
| 03 41 16 00-0023 | EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane | 589.96 | 471.92 |

### 03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 16 00-0025 | EA | Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane | 505.69 | 404.58 |
| 03 41 16 00-0026 | EA | Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane | 551.17 | 440.90 |
| 03 41 16 00-0027 | EA | Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane | 609.20 | 487.39 |
| 03 41 16 00-0028 | EA | Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane | 676.44 | 541.17 |
| 03 41 16 00-0029 | EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane | 760.38 | 608.37 |
| 03 41 16 00-0030 | EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane | 826.76 | 661.36 |
| 03 41 16 00-0031 | EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane | 913.79 | 731.03 |
| 03 41 16 00-0032 | EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane | 1,011.38 | 809.15 |
| 03 41 16 00-0033 | EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane | 1,144.74 | 915.80 |

### 03 41 16 00-0034 Material Cost *(03 41 16 00-0017)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

### 03 41 16 00-0035 4" Slab *(03 41 16 00-0034)*

| | | | | |
|---|---|---|---|---|
| 03 41 16 00-0036 | CY | Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete | 3,067.63 | |
| | | *For 3,500 PSI Concrete, Add* | *61.35* | |
| | | *For 4,000 PSI Concrete, Add* | *92.03* | |
| | | *For 4,500 PSI Concrete, Add* | *122.71* | |
| | | *For 5,000 PSI Concrete, Add* | *184.06* | |
| 03 41 16 00-0037 | CY | Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete | 3,106.46 | |
| | | *For 3,500 PSI Concrete, Add* | *62.13* | |
| | | *For 4,000 PSI Concrete, Add* | *93.19* | |
| | | *For 4,500 PSI Concrete, Add* | *124.26* | |
| | | *For 5,000 PSI Concrete, Add* | *186.39* | |
| 03 41 16 00-0038 | CY | Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete | 3,494.77 | |
| | | *For 3,500 PSI Concrete, Add* | *69.90* | |
| | | *For 4,000 PSI Concrete, Add* | *104.84* | |
| | | *For 4,500 PSI Concrete, Add* | *139.79* | |
| | | *For 5,000 PSI Concrete, Add* | *209.69* | |

### 03 41 16 00-0039 5" Slab *(03 41 16 00-0034)*

| | | | | |
|---|---|---|---|---|
| 03 41 16 00-0040 | CY | Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete | 3,145.29 | |
| | | *For 3,500 PSI Concrete, Add* | *62.91* | |
| | | *For 4,000 PSI Concrete, Add* | *94.36* | |
| | | *For 4,500 PSI Concrete, Add* | *125.81* | |
| | | *For 5,000 PSI Concrete, Add* | *188.72* | |
| 03 41 16 00-0041 | CY | Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete | 3,261.78 | |
| | | *For 3,500 PSI Concrete, Add* | *65.24* | |
| | | *For 4,000 PSI Concrete, Add* | *97.85* | |
| | | *For 4,500 PSI Concrete, Add* | *130.47* | |
| | | *For 5,000 PSI Concrete, Add* | *195.71* | |
| 03 41 16 00-0042 | CY | Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete | 4,154.89 | |
| | | *For 3,500 PSI Concrete, Add* | *83.10* | |
| | | *For 4,000 PSI Concrete, Add* | *124.65* | |
| | | *For 4,500 PSI Concrete, Add* | *166.20* | |
| | | *For 5,000 PSI Concrete, Add* | *249.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 16 00-0043 | | 6" Slab *(03 41 16 00-0034)* | | |
| 03 41 16 00-0044 | CY | Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete | 3,261.78 | |
| | | *For 3,500 PSI Concrete, Add* | *65.24* | |
| | | *For 4,000 PSI Concrete, Add* | *97.85* | |
| | | *For 4,500 PSI Concrete, Add* | *130.47* | |
| | | *For 5,000 PSI Concrete, Add* | *195.71* | |
| 03 41 16 00-0045 | CY | Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete | 3,883.07 | |
| | | *For 3,500 PSI Concrete, Add* | *77.66* | |
| | | *For 4,000 PSI Concrete, Add* | *116.49* | |
| | | *For 4,500 PSI Concrete, Add* | *155.32* | |
| | | *For 5,000 PSI Concrete, Add* | *232.98* | |
| 03 41 16 00-0046 | CY | Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete | 4,737.35 | |
| | | *For 3,500 PSI Concrete, Add* | *94.75* | |
| | | *For 4,000 PSI Concrete, Add* | *142.12* | |
| | | *For 4,500 PSI Concrete, Add* | *189.49* | |
| | | *For 5,000 PSI Concrete, Add* | *284.24* | |

## 03 41 19 Precast Concrete Wall Panels *(03 41)*

### 03 41 19 00-0001 Structural Wall Panels *(03 41 19)*

Note: Gray, smooth form or board finish one side.

### 03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0003 | EA | Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane | 315.07 | 252.07 |
| 03 41 19 00-0004 | EA | Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane | 350.25 | 280.15 |
| 03 41 19 00-0005 | EA | Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane | 394.27 | 315.44 |
| 03 41 19 00-0006 | EA | Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane | 421.94 | 337.53 |
| 03 41 19 00-0007 | EA | Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane | 450.94 | 360.76 |
| 03 41 19 00-0008 | EA | Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane | 484.24 | 387.37 |
| 03 41 19 00-0009 | EA | Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane | 526.65 | 421.30 |
| 03 41 19 00-0010 | EA | Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane | 572.63 | 458.16 |

### 03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0012 | EA | Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane | 352.94 | 282.33 |
| 03 41 19 00-0013 | EA | Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane | 392.35 | 313.87 |
| 03 41 19 00-0014 | EA | Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane | 441.66 | 353.38 |
| 03 41 19 00-0015 | EA | Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane | 472.65 | 378.08 |
| 03 41 19 00-0016 | EA | Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane | 505.15 | 404.12 |
| 03 41 19 00-0017 | EA | Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane | 542.45 | 433.99 |
| 03 41 19 00-0018 | EA | Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane | 589.96 | 471.92 |
| 03 41 19 00-0019 | EA | Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane | 641.47 | 513.12 |
| 03 41 19 00-0020 | EA | Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane | 708.98 | 567.23 |
| 03 41 19 00-0021 | EA | Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane | 784.70 | 627.74 |
| 03 41 19 00-0022 | EA | Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane | 888.18 | 710.58 |
| 03 41 19 00-0023 | EA | Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane | 1,010.30 | 808.24 |
| 03 41 19 00-0024 | EA | Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane | 1,171.37 | 937.11 |

### 03 41 19 00-0025 Material Cost *(03 41 19 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0026 | SF | 4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect | 38.83 | |
| | | *For 3,500 PSI Concrete, Add* | *0.78* | |
| | | *For 4,000 PSI Concrete, Add* | *1.16* | |
| | | *For 4,500 PSI Concrete, Add* | *1.55* | |
| | | *For 5,000 PSI Concrete, Add* | *2.33* | |
| | | *For White Facing, Add* | *7.77* | |
| | | *For Solid White Through Thickness, Add* | *7.77* | |
| | | *For Broken Rib Finish, Add* | *3.88* | |
| | | *For Fluted Surface, Add* | *3.88* | |
| | | *For Exposed Aggregate, Add* | *7.77* | |
| | | *For Sandblasting Of Surface, Add* | *3.88* | |
| | | *For 2" Polystyrene Insulation, Add* | *1.15* | |
| 03 41 19 00-0027 | SF | 5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect | 47.76 | |
| | | *For 3,500 PSI Concrete, Add* | *0.96* | |
| | | *For 4,000 PSI Concrete, Add* | *1.43* | |
| | | *For 4,500 PSI Concrete, Add* | *1.91* | |
| | | *For 5,000 PSI Concrete, Add* | *2.87* | |
| | | *For White Facing, Add* | *9.55* | |
| | | *For Solid White Through Thickness, Add* | *9.55* | |
| | | *For Broken Rib Finish, Add* | *4.78* | |
| | | *For Fluted Surface, Add* | *4.78* | |
| | | *For Exposed Aggregate, Add* | *9.55* | |
| | | *For Sandblasting Of Surface, Add* | *4.78* | |
| | | *For 2" Polystyrene Insulation, Add* | *1.15* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 19 00-0028 | SF | 6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect | 57.47 | |
| | | *For 3,500 PSI Concrete, Add* | *1.15* | |
| | | *For 4,000 PSI Concrete, Add* | *1.72* | |
| | | *For 4,500 PSI Concrete, Add* | *2.30* | |
| | | *For 5,000 PSI Concrete, Add* | *3.45* | |
| | | *For White Facing, Add* | *11.49* | |
| | | *For Solid White Through Thickness, Add* | *11.49* | |
| | | *For Broken Rib Finish, Add* | *5.75* | |
| | | *For Fluted Surface, Add* | *5.75* | |
| | | *For Exposed Aggregate, Add* | *11.49* | |
| | | *For Sandblasting Of Surface, Add* | *5.75* | |
| | | *For 2" Polystyrene Insulation, Add* | *1.15* | |
| 03 41 19 00-0029 | SF | 8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect | 75.72 | |
| | | *For 3,500 PSI Concrete, Add* | *1.51* | |
| | | *For 4,000 PSI Concrete, Add* | *2.27* | |
| | | *For 4,500 PSI Concrete, Add* | *3.03* | |
| | | *For 5,000 PSI Concrete, Add* | *4.54* | |
| | | *For White Facing, Add* | *15.14* | |
| | | *For Solid White Through Thickness, Add* | *15.14* | |
| | | *For Broken Rib Finish, Add* | *7.57* | |
| | | *For Fluted Surface, Add* | *7.57* | |
| | | *For Exposed Aggregate, Add* | *15.14* | |
| | | *For Sandblasting Of Surface, Add* | *7.57* | |
| | | *For 2" Polystyrene Insulation, Add* | *1.15* | |

## 03 41 19 00-0030 Partition Panels *(03 41 19)*

## 03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0032 | EA | Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane | 249.91 | 199.90 |
| 03 41 19 00-0033 | EA | Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane | 277.81 | 222.28 |
| 03 41 19 00-0034 | EA | Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane | 312.72 | 250.17 |
| 03 41 19 00-0035 | EA | Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane | 357.68 | 286.15 |
| 03 41 19 00-0036 | EA | Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane | 384.08 | 307.31 |
| 03 41 19 00-0037 | EA | Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane | 417.73 | 334.18 |
| 03 41 19 00-0038 | EA | Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane | 454.20 | 363.41 |
| 03 41 19 00-0039 | EA | Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane | 502.02 | 401.63 |

## 03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0041 | EA | Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane | 315.07 | 252.07 |
| 03 41 19 00-0042 | EA | Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane | 350.25 | 280.15 |
| 03 41 19 00-0043 | EA | Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane | 394.27 | 315.44 |
| 03 41 19 00-0044 | EA | Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane | 450.94 | 360.76 |
| 03 41 19 00-0045 | EA | Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane | 484.24 | 387.37 |
| 03 41 19 00-0046 | EA | Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane | 526.65 | 421.30 |
| 03 41 19 00-0047 | EA | Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane | 572.63 | 458.16 |
| 03 41 19 00-0048 | EA | Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane | 632.90 | 506.30 |
| 03 41 19 00-0049 | EA | Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane | 700.50 | 560.41 |
| 03 41 19 00-0050 | EA | Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane | 792.87 | 634.26 |
| 03 41 19 00-0051 | EA | Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane | 901.89 | 721.52 |
| 03 41 19 00-0052 | EA | Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane | 1,045.67 | 836.50 |

## 03 41 19 00-0053 Material Cost *(03 41 19 00-0030)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0054 | SF | 4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect | 36.89 | |
| | | *For 4,000 PSI Concrete, Add* | *1.11* | |
| | | *For 4,500 PSI Concrete, Add* | *1.48* | |
| | | *For 5,000 PSI Concrete, Add* | *2.21* | |
| | | *For White Facing, Add* | *7.38* | |
| | | *For Solid White Through Thickness, Add* | *7.38* | |
| | | *For Broken Rib Finish, Add* | *3.69* | |
| | | *For Fluted Surface, Add* | *3.69* | |
| | | *For Exposed Aggregate, Add* | *7.38* | |
| | | *For Sandblasting Of Surface, Add* | *3.69* | |
| 03 41 19 00-0055 | SF | 5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect | 45.43 | |
| | | *For 4,000 PSI Concrete, Add* | *1.36* | |
| | | *For 4,500 PSI Concrete, Add* | *1.82* | |
| | | *For 5,000 PSI Concrete, Add* | *2.73* | |
| | | *For White Facing, Add* | *9.09* | |
| | | *For Solid White Through Thickness, Add* | *9.09* | |
| | | *For Broken Rib Finish, Add* | *4.54* | |
| | | *For Fluted Surface, Add* | *4.54* | |
| | | *For Exposed Aggregate, Add* | *9.09* | |
| | | *For Sandblasting Of Surface, Add* | *4.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 19 00-0056 | SF | 6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect | 54.36 | |
| | | *For 4,000 PSI Concrete, Add* | *1.63* | |
| | | *For 4,500 PSI Concrete, Add* | *2.17* | |
| | | *For 5,000 PSI Concrete, Add* | *3.26* | |
| | | *For White Facing, Add* | *10.87* | |
| | | *For Solid White Through Thickness, Add* | *10.87* | |
| | | *For Broken Rib Finish, Add* | *5.44* | |
| | | *For Fluted Surface, Add* | *5.44* | |
| | | *For Exposed Aggregate, Add* | *10.87* | |
| | | *For Sandblasting Of Surface, Add* | *5.44* | |
| 03 41 19 00-0057 | SF | 8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect | 71.84 | |
| | | *For 4,000 PSI Concrete, Add* | *2.16* | |
| | | *For 4,500 PSI Concrete, Add* | *2.87* | |
| | | *For 5,000 PSI Concrete, Add* | *4.31* | |
| | | *For White Facing, Add* | *14.37* | |
| | | *For Solid White Through Thickness, Add* | *14.37* | |
| | | *For Broken Rib Finish, Add* | *7.18* | |
| | | *For Fluted Surface, Add* | *7.18* | |
| | | *For Exposed Aggregate, Add* | *14.37* | |
| | | *For Sandblasting Of Surface, Add* | *7.18* | |

### 03 41 19 00-0058 Cladding Panels *(03 41 19)*

### 03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0060 | EA | Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane | 332.50 | 265.95 |
| 03 41 19 00-0061 | EA | Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane | 371.91 | 297.51 |
| 03 41 19 00-0062 | EA | Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane | 421.94 | 337.53 |
| 03 41 19 00-0063 | EA | Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane | 450.94 | 360.76 |
| 03 41 19 00-0064 | EA | Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane | 484.24 | 387.37 |
| 03 41 19 00-0065 | EA | Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane | 526.65 | 421.30 |
| 03 41 19 00-0066 | EA | Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane | 572.63 | 458.16 |
| 03 41 19 00-0067 | EA | Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane | 632.90 | 506.30 |

### 03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0069 | EA | Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane | 372.46 | 297.93 |
| 03 41 19 00-0070 | EA | Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane | 416.62 | 333.28 |
| 03 41 19 00-0071 | EA | Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane | 472.65 | 378.08 |
| 03 41 19 00-0072 | EA | Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane | 505.15 | 404.12 |
| 03 41 19 00-0073 | EA | Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane | 542.45 | 433.99 |
| 03 41 19 00-0074 | EA | Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane | 589.96 | 471.92 |
| 03 41 19 00-0075 | EA | Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane | 641.47 | 513.12 |
| 03 41 19 00-0076 | EA | Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane | 708.98 | 567.23 |
| 03 41 19 00-0077 | EA | Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane | 784.70 | 627.74 |
| 03 41 19 00-0078 | EA | Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane | 888.18 | 710.58 |
| 03 41 19 00-0079 | EA | Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane | 1,010.30 | 808.24 |
| 03 41 19 00-0080 | EA | Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane | 1,171.37 | 937.11 |

### 03 41 19 00-0081 Material Cost *(03 41 19 00-0058)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0082 | SF | 4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect | 36.89 | |
| | | *For 3,500 PSI Concrete, Add* | *0.74* | |
| | | *For 4,000 PSI Concrete, Add* | *1.11* | |
| | | *For 4,500 PSI Concrete, Add* | *1.48* | |
| | | *For 5,000 PSI Concrete, Add* | *2.21* | |
| | | *For White Facing, Add* | *7.38* | |
| | | *For Solid White Through Thickness, Add* | *7.38* | |
| | | *For Broken Rib Finish, Add* | *3.69* | |
| | | *For Fluted Surface, Add* | *3.69* | |
| | | *For Exposed Aggregate, Add* | *7.38* | |
| | | *For Sandblasting Of Surface, Add* | *3.69* | |
| 03 41 19 00-0083 | SF | 5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect | 45.43 | |
| | | *For 3,500 PSI Concrete, Add* | *0.91* | |
| | | *For 4,000 PSI Concrete, Add* | *1.36* | |
| | | *For 4,500 PSI Concrete, Add* | *1.82* | |
| | | *For 5,000 PSI Concrete, Add* | *2.73* | |
| | | *For White Facing, Add* | *9.09* | |
| | | *For Solid White Through Thickness, Add* | *9.09* | |
| | | *For Broken Rib Finish, Add* | *4.54* | |
| | | *For Fluted Surface, Add* | *4.54* | |
| | | *For Exposed Aggregate, Add* | *9.09* | |
| | | *For Sandblasting Of Surface, Add* | *4.54* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 19 00-0084 | SF | 6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect | 54.36 | |
| | | *For 3,500 PSI Concrete, Add* | *1.09* | |
| | | *For 4,000 PSI Concrete, Add* | *1.63* | |
| | | *For 4,500 PSI Concrete, Add* | *2.17* | |
| | | *For 5,000 PSI Concrete, Add* | *3.26* | |
| | | *For White Facing, Add* | *10.87* | |
| | | *For Solid White Through Thickness, Add* | *10.87* | |
| | | *For Broken Rib Finish, Add* | *5.44* | |
| | | *For Fluted Surface, Add* | *5.44* | |
| | | *For Exposed Aggregate, Add* | *10.87* | |
| | | *For Sandblasting Of Surface, Add* | *5.44* | |
| 03 41 19 00-0085 | SF | 8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect | 71.84 | |
| | | *For 3,500 PSI Concrete, Add* | *1.44* | |
| | | *For 4,000 PSI Concrete, Add* | *2.16* | |
| | | *For 4,500 PSI Concrete, Add* | *2.87* | |
| | | *For 5,000 PSI Concrete, Add* | *4.31* | |
| | | *For White Facing, Add* | *14.37* | |
| | | *For Solid White Through Thickness, Add* | *14.37* | |
| | | *For Broken Rib Finish, Add* | *7.18* | |
| | | *For Fluted Surface, Add* | *7.18* | |
| | | *For Exposed Aggregate, Add* | *14.37* | |
| | | *For Sandblasting Of Surface, Add* | *7.18* | |

## 03 41 19 00-0086 Sandwich Panel *(03 41 19)*

## 03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0088 | EA | Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane | 332.50 | 265.95 |
| 03 41 19 00-0089 | EA | Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane | 371.91 | 297.51 |
| 03 41 19 00-0090 | EA | Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane | 421.94 | 337.53 |
| 03 41 19 00-0091 | EA | Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane | 450.94 | 360.76 |
| 03 41 19 00-0092 | EA | Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane | 484.24 | 387.37 |
| 03 41 19 00-0093 | EA | Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane | 526.65 | 421.30 |
| 03 41 19 00-0094 | EA | Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane | 572.63 | 458.16 |
| 03 41 19 00-0095 | EA | Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane | 632.90 | 506.30 |

## 03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0097 | EA | Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane | 337.03 | 269.57 |
| 03 41 19 00-0098 | EA | Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane | 376.98 | 301.57 |
| 03 41 19 00-0099 | EA | Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane | 427.69 | 342.13 |
| 03 41 19 00-0100 | EA | Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane | 457.09 | 365.68 |
| 03 41 19 00-0101 | EA | Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane | 490.84 | 392.65 |
| 03 41 19 00-0102 | EA | Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane | 533.83 | 427.04 |
| 03 41 19 00-0103 | EA | Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane | 580.44 | 464.40 |
| 03 41 19 00-0104 | EA | Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane | 641.53 | 513.21 |
| 03 41 19 00-0105 | EA | Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane | 710.05 | 568.05 |
| 03 41 19 00-0106 | EA | Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane | 803.68 | 642.91 |
| 03 41 19 00-0107 | EA | Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane | 914.19 | 731.36 |
| 03 41 19 00-0108 | EA | Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane | 1,059.93 | 847.91 |

## 03 41 19 00-0109 Material Cost *(03 41 19 00-0086)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

| | | | | |
|---|---|---|---|---|
| 03 41 19 00-0110 | SF | 4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect | 50.48 | |
| | | *For 3,500 PSI Concrete, Add* | *1.01* | |
| | | *For 4,000 PSI Concrete, Add* | *1.51* | |
| | | *For 4,500 PSI Concrete, Add* | *2.02* | |
| | | *For 5,000 PSI Concrete, Add* | *3.03* | |
| | | *For White Facing, Add* | *10.10* | |
| | | *For Solid White Through Thickness, Add* | *10.10* | |
| | | *For Broken Rib Finish, Add* | *5.05* | |
| | | *For Fluted Surface, Add* | *5.05* | |
| | | *For Exposed Aggregate, Add* | *10.10* | |
| | | *For Sandblasting Of Surface, Add* | *5.05* | |
| 03 41 19 00-0111 | SF | 5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect | 59.41 | |
| | | *For 3,500 PSI Concrete, Add* | *1.19* | |
| | | *For 4,000 PSI Concrete, Add* | *1.78* | |
| | | *For 4,500 PSI Concrete, Add* | *2.38* | |
| | | *For 5,000 PSI Concrete, Add* | *3.56* | |
| | | *For White Facing, Add* | *11.88* | |
| | | *For Solid White Through Thickness, Add* | *11.88* | |
| | | *For Broken Rib Finish, Add* | *5.94* | |
| | | *For Fluted Surface, Add* | *5.94* | |
| | | *For Exposed Aggregate, Add* | *11.88* | |
| | | *For Sandblasting Of Surface, Add* | *5.94* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 19 00-0112 | SF | 6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect | 69.12 | |
| | | *For 3,500 PSI Concrete, Add* | *1.38* | |
| | | *For 4,000 PSI Concrete, Add* | *2.07* | |
| | | *For 4,500 PSI Concrete, Add* | *2.76* | |
| | | *For 5,000 PSI Concrete, Add* | *4.15* | |
| | | *For White Facing, Add* | *13.82* | |
| | | *For Solid White Through Thickness, Add* | *13.82* | |
| | | *For Broken Rib Finish, Add* | *6.91* | |
| | | *For Fluted Surface, Add* | *6.91* | |
| | | *For Exposed Aggregate, Add* | *13.82* | |
| | | *For Sandblasting Of Surface, Add* | *6.91* | |
| 03 41 19 00-0113 | SF | 8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect | 87.37 | |
| | | *For 3,500 PSI Concrete, Add* | *1.75* | |
| | | *For 4,000 PSI Concrete, Add* | *2.62* | |
| | | *For 4,500 PSI Concrete, Add* | *3.49* | |
| | | *For 5,000 PSI Concrete, Add* | *5.24* | |
| | | *For White Facing, Add* | *17.47* | |
| | | *For Solid White Through Thickness, Add* | *17.47* | |
| | | *For Broken Rib Finish, Add* | *8.74* | |
| | | *For Fluted Surface, Add* | *8.74* | |
| | | *For Exposed Aggregate, Add* | *17.47* | |
| | | *For Sandblasting Of Surface, Add* | *8.74* | |

## 03 41 23 Precast Concrete Stairs *(03 41)*

### 03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 23 00-0002 | EA | Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane | 350.25 | 280.15 |
| 03 41 23 00-0003 | EA | Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane | 371.91 | 297.51 |
| 03 41 23 00-0004 | EA | Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane | 394.27 | 315.44 |
| 03 41 23 00-0005 | EA | Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane | 421.94 | 337.53 |
| 03 41 23 00-0006 | EA | Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane | 450.94 | 360.76 |
| 03 41 23 00-0007 | EA | Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane | 484.24 | 387.37 |
| 03 41 23 00-0008 | EA | Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane | 526.65 | 421.30 |
| 03 41 23 00-0009 | EA | Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane | 572.63 | 458.16 |

### 03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 23 00-0011 | EA | Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane | 350.25 | 280.15 |
| 03 41 23 00-0012 | EA | Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane | 371.91 | 297.51 |
| 03 41 23 00-0013 | EA | Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane | 394.27 | 315.44 |
| 03 41 23 00-0014 | EA | Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane | 421.94 | 337.53 |
| 03 41 23 00-0015 | EA | Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane | 450.94 | 360.76 |
| 03 41 23 00-0016 | EA | Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane | 484.24 | 387.37 |
| 03 41 23 00-0017 | EA | Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane | 526.65 | 421.30 |
| 03 41 23 00-0018 | EA | Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane | 572.63 | 458.16 |

### 03 41 23 00-0019 Material Cost *(03 41 23)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

| | | | | |
|---|---|---|---|---|
| 03 41 23 00-0020 | EA | 3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser | 778.21 | |
| | | *For 3,500 PSI Concrete, Add* | *101.56* | |
| | | *For 4,000 PSI Concrete, Add* | *190.82* | |
| | | *For 4,500 PSI Concrete, Add* | *280.47* | |
| | | *For 5,000 PSI Concrete, Add* | *381.56* | |

## 03 41 26 Precast Concrete Structural Sections *(03 41)*

### 03 41 26 00-0001 Precast Beams, Girder And Joists *(03 41 26)*

### 03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 26 00-0003 | EA | Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane | 441.66 | 353.38 |
| 03 41 26 00-0004 | EA | Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane | 472.65 | 378.08 |
| 03 41 26 00-0005 | EA | Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane | 505.15 | 404.12 |
| 03 41 26 00-0006 | EA | Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane | 542.45 | 433.99 |

### 03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

| | | | | |
|---|---|---|---|---|
| 03 41 26 00-0008 | EA | Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane | 569.24 | 455.36 |
| 03 41 26 00-0009 | EA | Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane | 609.20 | 487.39 |
| 03 41 26 00-0010 | EA | Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane | 651.07 | 520.86 |
| 03 41 26 00-0011 | EA | Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane | 699.14 | 559.27 |
| 03 41 26 00-0012 | EA | Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane | 760.38 | 608.37 |
| 03 41 26 00-0013 | EA | Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane | 826.76 | 661.36 |
| 03 41 26 00-0014 | EA | Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane | 913.79 | 731.03 |
| 03 41 26 00-0015 | EA | Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane | 1,011.38 | 809.15 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 26 00-0016 | | **Material Cost** *(03 41 26 00-0001)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. | | |
| 03 41 26 00-0017 | | **1,000 LB/LF Live Load** *(03 41 26 00-0016)* | | |
| 03 41 26 00-0018 | LF | Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI | 155.62 | |
| | | *For 3,500 PSI Concrete, Add* | *4.25* | |
| | | *For 4,000 PSI Concrete, Add* | *6.38* | |
| | | *For 4,500 PSI Concrete, Add* | *8.50* | |
| | | *For 5,000 PSI Concrete, Add* | *12.76* | |
| 03 41 26 00-0019 | LF | Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI | 194.52 | |
| | | *For 3,500 PSI Concrete, Add* | *5.31* | |
| | | *For 4,000 PSI Concrete, Add* | *7.98* | |
| | | *For 4,500 PSI Concrete, Add* | *10.62* | |
| | | *For 5,000 PSI Concrete, Add* | *15.95* | |
| 03 41 26 00-0020 | LF | Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI | 233.43 | |
| | | *For 3,500 PSI Concrete, Add* | *6.37* | |
| | | *For 4,000 PSI Concrete, Add* | *9.57* | |
| | | *For 4,500 PSI Concrete, Add* | *12.75* | |
| | | *For 5,000 PSI Concrete, Add* | *19.14* | |
| 03 41 26 00-0021 | | **3,000 LB/LF Live Load** *(03 41 26 00-0016)* | | |
| 03 41 26 00-0022 | LF | Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI | 194.52 | |
| | | *For 3,500 PSI Concrete, Add* | *5.31* | |
| | | *For 4,000 PSI Concrete, Add* | *7.98* | |
| | | *For 4,500 PSI Concrete, Add* | *10.62* | |
| | | *For 5,000 PSI Concrete, Add* | *15.95* | |
| 03 41 26 00-0023 | LF | Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI | 233.43 | |
| | | *For 3,500 PSI Concrete, Add* | *6.37* | |
| | | *For 4,000 PSI Concrete, Add* | *9.57* | |
| | | *For 4,500 PSI Concrete, Add* | *12.75* | |
| | | *For 5,000 PSI Concrete, Add* | *19.14* | |
| 03 41 26 00-0024 | LF | Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI | 311.24 | |
| | | *For 3,500 PSI Concrete, Add* | *8.50* | |
| | | *For 4,000 PSI Concrete, Add* | *12.76* | |
| | | *For 4,500 PSI Concrete, Add* | *16.99* | |
| | | *For 5,000 PSI Concrete, Add* | *25.52* | |
| 03 41 26 00-0025 | | **5,000 LB/LF Live Load** *(03 41 26 00-0016)* | | |
| 03 41 26 00-0026 | LF | Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI | 272.33 | |
| | | *For 3,500 PSI Concrete, Add* | *7.43* | |
| | | *For 4,000 PSI Concrete, Add* | *11.17* | |
| | | *For 4,500 PSI Concrete, Add* | *14.87* | |
| | | *For 5,000 PSI Concrete, Add* | *22.33* | |
| 03 41 26 00-0027 | LF | Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI | 311.24 | |
| | | *For 3,500 PSI Concrete, Add* | *8.50* | |
| | | *For 4,000 PSI Concrete, Add* | *12.76* | |
| | | *For 4,500 PSI Concrete, Add* | *16.99* | |
| | | *For 5,000 PSI Concrete, Add* | *25.52* | |
| 03 41 26 00-0028 | LF | Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI | 389.05 | |
| | | *For 3,500 PSI Concrete, Add* | *10.62* | |
| | | *For 4,000 PSI Concrete, Add* | *15.95* | |
| | | *For 4,500 PSI Concrete, Add* | *21.24* | |
| | | *For 5,000 PSI Concrete, Add* | *31.90* | |
| 03 41 26 00-0029 | | **Precast Concrete Columns** *(03 41 26)* | | |
| 03 41 26 00-0030 | | **Erection Costs Using A 90 Ton Crawler Crane** *(03 41 26 00-0029)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints. | | |
| 03 41 26 00-0031 | EA | Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane | 255.71 | 204.55 |
| 03 41 26 00-0032 | EA | Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane | 271.88 | 217.46 |
| 03 41 26 00-0033 | EA | Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane | 291.38 | 233.12 |
| 03 41 26 00-0034 | EA | Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane | 312.54 | 250.03 |
| 03 41 26 00-0035 | EA | Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane | 337.03 | 269.57 |
| 03 41 26 00-0036 | EA | Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane | 365.68 | 292.54 |
| 03 41 26 00-0037 | EA | Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane | 399.64 | 319.74 |
| 03 41 26 00-0038 | | **Material Cost** *(03 41 26 00-0029)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations. | | |
| 03 41 26 00-0039 | | **12" x 12" Column, Square, Tied** *(03 41 26 00-0038)* | | |
| 03 41 26 00-0040 | CY | 12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY | 805.45 | |
| | | *For 3,500 PSI Concrete, Add* | *60.41* | |
| | | *For 4,000 PSI Concrete, Add* | *113.57* | |
| | | *For 4,500 PSI Concrete, Add* | *167.53* | |
| | | *For 5,000 PSI Concrete, Add* | *227.94* | |
| 03 41 26 00-0041 | | **16" x 16" Column, Square, Tied** *(03 41 26 00-0038)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 26 00-0042 | CY | 16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY | 825.34 | |
| | | *For 3,500 PSI Concrete, Add* | *61.90* | |
| | | *For 4,000 PSI Concrete, Add* | *116.37* | |
| | | *For 4,500 PSI Concrete, Add* | *171.67* | |
| | | *For 5,000 PSI Concrete, Add* | *233.57* | |
| 03 41 26 00-0043 | | 20" x 20" Column, Square, Tied *(03 41 26 00-0038)* | | |
| 03 41 26 00-0044 | CY | 20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY | 826.93 | |
| | | *For 3,500 PSI Concrete, Add* | *62.02* | |
| | | *For 4,000 PSI Concrete, Add* | *116.60* | |
| | | *For 4,500 PSI Concrete, Add* | *172.00* | |
| | | *For 5,000 PSI Concrete, Add* | *234.02* | |
| 03 41 26 00-0045 | | 24" x 24" Column, Square, Tied *(03 41 26 00-0038)* | | |
| 03 41 26 00-0046 | CY | 24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY | 826.93 | |
| | | *For 3,500 PSI Concrete, Add* | *62.02* | |
| | | *For 4,000 PSI Concrete, Add* | *116.60* | |
| | | *For 4,500 PSI Concrete, Add* | *172.00* | |
| | | *For 5,000 PSI Concrete, Add* | *234.02* | |
| 03 41 26 00-0047 | | 28" x 28" Column, Square, Tied *(03 41 26 00-0038)* | | |
| 03 41 26 00-0048 | CY | 28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY | 826.93 | |
| | | *For 3,500 PSI Concrete, Add* | *62.02* | |
| | | *For 4,000 PSI Concrete, Add* | *116.60* | |
| | | *For 4,500 PSI Concrete, Add* | *172.00* | |
| | | *For 5,000 PSI Concrete, Add* | *234.02* | |
| 03 41 26 00-0049 | | 32" x 32" Column, Square, Tied *(03 41 26 00-0038)* | | |
| 03 41 26 00-0050 | CY | 32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY | 825.34 | |
| | | *For 3,500 PSI Concrete, Add* | *61.90* | |
| | | *For 4,000 PSI Concrete, Add* | *116.37* | |
| | | *For 4,500 PSI Concrete, Add* | *171.67* | |
| | | *For 5,000 PSI Concrete, Add* | *233.57* | |
| 03 41 26 00-0051 | | 36" x 36" Column, Square, Tied *(03 41 26 00-0038)* | | |
| 03 41 26 00-0052 | CY | 36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY | 826.93 | |
| | | *For 3,500 PSI Concrete, Add* | *62.02* | |
| | | *For 4,000 PSI Concrete, Add* | *116.60* | |
| | | *For 4,500 PSI Concrete, Add* | *172.00* | |
| | | *For 5,000 PSI Concrete, Add* | *234.02* | |
| **03 41 33** | | **Precast Structural Pretensioned Concrete** *(03 41)* | | |
| 03 41 33 00-0001 | | Slabs, Roof And Floor Members *(03 41 33)* | | |
| 03 41 33 00-0002 | SF | 4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor | 16.36 | 2.06 |
| 03 41 33 00-0003 | SF | 6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor | 20.40 | 2.06 |
| 03 41 33 00-0004 | SF | 8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor | 24.46 | 2.17 |
| 03 41 33 00-0005 | SF | 10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor | 28.53 | 2.26 |
| 03 41 33 00-0006 | | Tee Members *(03 41 33)* | | |
| 03 41 33 00-0007 | | Multiple Tee, Roof And Floor *(03 41 33 00-0006)* | | |
| 03 41 33 00-0008 | SF | Prestressed Multiple Tee, Roof And Floor Members | 36.84 | 2.68 |
| 03 41 33 00-0009 | | Double Tee Wall Member *(03 41 33 00-0006)* | | |
| 03 41 33 00-0010 | SF | Prestressed Double Tee Wall Members Precast Concrete, <40' Span | 51.96 | 7.32 |
| 03 41 33 00-0011 | | Single Tee, Short Span, Roof Members *(03 41 33 00-0006)* | | |
| 03 41 33 00-0012 | SF | Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span | 43.23 | 4.43 |
| 03 41 33 00-0013 | | Single Tee, Long Span, Roof Members *(03 41 33 00-0006)* | | |
| 03 41 33 00-0014 | SF | Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span | 51.95 | 3.81 |
| 03 41 33 00-0015 | | Prestressed Concrete Items *(03 41 33)* | | |
| 03 41 33 00-0016 | | Prestressed Quad Tee *(03 41 33 00-0015)* | | |
| 03 41 33 00-0017 | SF | Tees, Prestressed Quad Tee, Short Spans, Roof | 26.72 | 0.83 |
| 03 41 33 00-0018 | SF | Tees, Prestressed Quad Tee, Short Spans, Floor | 27.89 | 0.83 |
| 03 41 33 00-0019 | | Prestressed Double Tee *(03 41 33 00-0015)* | | |
| 03 41 33 00-0020 | SF | Tees, Double Tee, Floor Members , 60' Span | 44.47 | 0.72 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 41 33 00-0021 | SF | Tees, Double Tee, Floor Members , 80' Span | 61.24 | 0.72 |
| 03 41 33 00-0022 | SF | Tees, Double Tee, Roof Members, 30' Span | 30.31 | 1.24 |
| 03 41 33 00-0023 | SF | Tees, Double Tee, Roof Members, 50' Span | 47.00 | 0.83 |
| 03 41 33 00-0024 | SF | Tees, Double Tee, Wall Members, Up To 55' High | 32.83 | 1.64 |
| **03 41 33 00-0025** | | **Prestressed Single Tee** *(03 41 33 00-0015)* | | |
| 03 41 33 00-0026 | SF | Tees, Single Tee Roof Members, 40' Span | 52.56 | 1.85 |
| 03 41 33 00-0027 | SF | Tees, Single Tee Roof Members, 80' Span | 60.94 | 1.13 |
| 03 41 33 00-0028 | SF | Tees, Single Tee Roof Members, 100' Span | 80.65 | 1.03 |
| 03 41 33 00-0029 | SF | Tees, Single Tee Roof Members, 120' Span | 84.93 | 1.03 |
| **03 41 33 00-0030** | | **Prestressed Double Tee Floor Members** *(03 41 33 00-0015)* | | |
| 03 41 33 00-0031 | EA | Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45' | 13,600.45 | 296.80 |
| 03 41 33 00-0032 | EA | Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50' | 14,808.94 | 329.77 |
| 03 41 33 00-0033 | EA | Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60' | 24,782.48 | 371.00 |
| 03 41 33 00-0034 | EA | Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25' | 5,317.83 | 269.90 |
| 03 41 33 00-0035 | EA | Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25' | 6,985.74 | 296.80 |
| 03 41 33 00-0036 | EA | Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35' | 8,931.24 | 296.80 |
| 03 41 33 00-0037 | EA | Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45' | 9,945.19 | 329.77 |
| 03 41 33 00-0038 | EA | Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50' | 12,720.36 | 371.00 |
| 03 41 33 00-0039 | EA | Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60' | 22,903.48 | 424.17 |
| **03 41 33 00-0040** | | **Prestressed Double Tee Roof Members** *(03 41 33 00-0015)* | | |
| 03 41 33 00-0041 | EA | Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45' | 10,682.20 | 296.80 |
| 03 41 33 00-0042 | EA | Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50' | 14,030.74 | 329.77 |
| 03 41 33 00-0043 | EA | Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60' | 23,031.53 | 371.00 |
| 03 41 33 00-0044 | EA | Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30' | 7,146.60 | 269.90 |
| 03 41 33 00-0045 | EA | Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30' | 7,530.48 | 296.80 |
| 03 41 33 00-0046 | EA | Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30' | 8,347.59 | 296.80 |
| 03 41 33 00-0047 | EA | Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40' | 8,583.33 | 329.77 |
| 03 41 33 00-0048 | EA | Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50' | 11,358.51 | 371.00 |
| 03 41 33 00-0049 | EA | Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60' | 19,596.12 | 424.17 |
| **03 41 33 00-0050** | | **Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab** *(03 41 33)* | | |
| 03 41 33 00-0051 | SF | Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete | 28.24 | |
| 03 41 33 00-0052 | SF | Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete | 29.40 | |
| 03 41 33 00-0053 | SF | Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete | 30.76 | |
| 03 41 33 00-0054 | SF | Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete | 31.76 | |
| 03 41 33 00-0055 | SF | Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete | 33.93 | |
| **03 41 33 00-0056** | | **Double And Single Tees** *(03 41 33)* | | |
| **03 41 33 00-0057** | | **Double And Single Tees With 16" Roof And Floor Loading** *(03 41 33 00-0056)* | | |
| 03 41 33 00-0058 | SF | Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete | 34.12 | |
| 03 41 33 00-0059 | SF | Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete | 33.32 | |
| 03 41 33 00-0060 | SF | Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete | 31.46 | |
| 03 41 33 00-0061 | SF | Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete | 34.12 | |
| 03 41 33 00-0062 | SF | Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete | 34.02 | |
| 03 41 33 00-0063 | SF | Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete | 52.33 | |
| 03 41 33 00-0064 | SF | Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete | 51.18 | |
| 03 41 33 00-0065 | SF | Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete | 47.92 | |
| 03 41 33 00-0066 | SF | Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete | 52.33 | |
| 03 41 33 00-0067 | SF | Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete | 49.08 | |
| **03 41 33 00-0068** | | **Double And Single Tees With 24" Roof And Floor Loading** *(03 41 33 00-0056)* | | |
| 03 41 33 00-0069 | SF | Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete | 35.17 | |
| 03 41 33 00-0070 | SF | Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete | 34.37 | |
| 03 41 33 00-0071 | SF | Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete | 33.21 | |
| 03 41 33 00-0072 | SF | Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete | 35.17 | |
| 03 41 33 00-0073 | SF | Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete | 34.02 | |
| 03 41 33 00-0074 | SF | Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete | 53.73 | |
| 03 41 33 00-0075 | SF | Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete | 52.58 | |
| 03 41 33 00-0076 | SF | Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete | 50.72 | |
| 03 41 33 00-0077 | SF | Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete | 53.73 | |
| 03 41 33 00-0078 | SF | Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete | 52.23 | |
| **03 41 33 00-0079** | | **Double And Single Tees With 32" Roof And Floor Loading** *(03 41 33 00-0056)* | | |
| 03 41 33 00-0080 | SF | Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete | 37.09 | |
| 03 41 33 00-0081 | SF | Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete | 35.92 | |
| 03 41 33 00-0082 | SF | Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete | 34.76 | |
| 03 41 33 00-0083 | SF | Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete | 57.05 | |
| 03 41 33 00-0084 | SF | Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete | 55.18 | |
| 03 41 33 00-0085 | SF | Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete | 52.97 | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 03 48 Precast Concrete Specialties *(03 40)*

## 03 48 16 Precast Concrete Splash Blocks *(03 48)*

### 03 48 16 00-0001 Precast Concrete Splash Blocks *(03 48 16)*

| | | | | |
|---|---|---|---|---|
| 03 48 16 00-0002 | EA | Precast Concrete Splash Blocks, 20" x 12" x 3" | 35.11 | 3.09 |

## 03 48 21 Precast Concrete Handrails *(03 48)*

### 03 48 21 00-0001 Installation Cost *(03 48 21)*

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

| | | | | |
|---|---|---|---|---|
| 03 48 21 00-0002 | EA | Install Precast Handrails, 0-2 Ton/Handrail | 142.14 | 63.99 |
| 03 48 21 00-0003 | EA | Install Precast Handrails, Over 2 Ton/Handrail | 170.46 | 76.68 |

### 03 48 21 00-0004 Material Cost *(03 48 21)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

| | | | |
|---|---|---|---|
| 03 48 21 00-0005 | CY | 4" Thick 3,000 PSI Concrete Precast Concrete Handrail | 3,074.00 |
| | | *For 3,500 PSI Concrete, Add* | *200.58* |
| | | *For 4,000 PSI Concrete, Add* | *376.87* |
| | | *For 4,500 PSI Concrete, Add* | *553.93* |
| | | *For 5,000 PSI Concrete, Add* | *753.59* |
| 03 48 21 00-0006 | CY | 5" Thick 3,000 PSI Concrete Precast Concrete Handrail | 3,190.73 |
| | | *For 3,500 PSI Concrete, Add* | *208.20* |
| | | *For 4,000 PSI Concrete, Add* | *391.18* |
| | | *For 4,500 PSI Concrete, Add* | *574.97* |
| | | *For 5,000 PSI Concrete, Add* | *782.21* |
| 03 48 21 00-0007 | CY | 6" Thick 3,000 PSI Concrete Precast Concrete Handrail | 3,307.46 |
| | | *For 3,500 PSI Concrete, Add* | *215.81* |
| | | *For 4,000 PSI Concrete, Add* | *405.49* |
| | | *For 4,500 PSI Concrete, Add* | *596.00* |
| | | *For 5,000 PSI Concrete, Add* | *810.82* |
| 03 48 21 00-0008 | CY | 8" Thick 3,000 PSI Concrete Precast Concrete Handrail | 3,463.11 |
| | | *For 3,500 PSI Concrete, Add* | *225.97* |
| | | *For 4,000 PSI Concrete, Add* | *424.58* |
| | | *For 4,500 PSI Concrete, Add* | *624.05* |
| | | *For 5,000 PSI Concrete, Add* | *848.98* |

## 03 48 22 Precast Concrete Sun Screen and Trellis *(03 48)*

### 03 48 22 00-0001 Sun Screen Blades *(03 48 22)*

### 03 48 22 00-0002 Installation Cost *(03 48 22 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

| | | | | |
|---|---|---|---|---|
| 03 48 22 00-0003 | EA | Install Precast Sun Screen Blade, 0-1 Ton/Each | 71.07 | 32.00 |
| 03 48 22 00-0004 | EA | Install Precast Sun Screen Blade, 1-2 Ton/Each | 85.38 | 38.39 |
| 03 48 22 00-0005 | EA | Install Precast Sun Screen Blade, 2-3 Ton/Each | 106.68 | 48.04 |

### 03 48 22 00-0006 Material Cost *(03 48 22 00-0001)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

| | | | |
|---|---|---|---|
| 03 48 22 00-0007 | CY | 4" Thick 3,000 PSI Concrete Precast Sun Screen Blades | 3,268.55 |
| | | *For 3,500 PSI Concrete, Add* | *213.27* |
| | | *For 4,000 PSI Concrete, Add* | *400.72* |
| | | *For 4,500 PSI Concrete, Add* | *588.99* |
| | | *For 5,000 PSI Concrete, Add* | *801.29* |
| 03 48 22 00-0008 | CY | 5" Thick 3,000 PSI Concrete Precast Sun Screen Blades | 3,385.29 |
| | | *For 3,500 PSI Concrete, Add* | *220.89* |
| | | *For 4,000 PSI Concrete, Add* | *415.04* |
| | | *For 4,500 PSI Concrete, Add* | *610.03* |
| | | *For 5,000 PSI Concrete, Add* | *829.90* |
| 03 48 22 00-0009 | CY | 6" Thick 3,000 PSI Concrete Precast Sun Screen Blades | 3,540.93 |
| | | *For 3,500 PSI Concrete, Add* | *231.05* |
| | | *For 4,000 PSI Concrete, Add* | *434.12* |
| | | *For 4,500 PSI Concrete, Add* | *638.08* |
| | | *For 5,000 PSI Concrete, Add* | *868.06* |
| 03 48 22 00-0010 | CY | 8" Thick 3,000 PSI Concrete Precast Sun Screen Blades | 3,696.58 |
| | | *For 3,500 PSI Concrete, Add* | *241.20* |
| | | *For 4,000 PSI Concrete, Add* | *453.20* |
| | | *For 4,500 PSI Concrete, Add* | *666.12* |
| | | *For 5,000 PSI Concrete, Add* | *906.22* |

### 03 48 22 00-0011 Sun Screen/Trellis Units *(03 48 22)*

### 03 48 22 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane *(03 48 22 00-0011)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.

| | | | | |
|---|---|---|---|---|
| 03 48 22 00-0013 | EA | Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane | 332.50 | 149.60 |
| 03 48 22 00-0014 | EA | Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane | 371.91 | 167.41 |
| 03 48 22 00-0015 | EA | Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane | 421.94 | 189.85 |
| 03 48 22 00-0016 | EA | Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane | 450.94 | 202.92 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 48 22 00-0017 | | **Material Cost** *(03 48 22 00-0011)*<br>Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations. | | |
| 03 48 22 00-0018 | CY | 4" Thick 3,000 PSI Concrete Precast Trellises Blades | 3,774.40 | |
| | | *For 3,500 PSI Concrete, Add* | *246.28* | |
| | | *For 4,000 PSI Concrete, Add* | *462.74* | |
| | | *For 4,500 PSI Concrete, Add* | *680.15* | |
| | | *For 5,000 PSI Concrete, Add* | *925.29* | |
| 03 48 22 00-0019 | CY | 5" Thick 3,000 PSI Concrete Precast Trellises Blades | 3,891.13 | |
| | | *For 3,500 PSI Concrete, Add* | *253.90* | |
| | | *For 4,000 PSI Concrete, Add* | *477.05* | |
| | | *For 4,500 PSI Concrete, Add* | *701.18* | |
| | | *For 5,000 PSI Concrete, Add* | *953.91* | |
| 03 48 22 00-0020 | CY | 6" Thick 3,000 PSI Concrete Precast Trellises Blades | 4,046.78 | |
| | | *For 3,500 PSI Concrete, Add* | *264.05* | |
| | | *For 4,000 PSI Concrete, Add* | *496.14* | |
| | | *For 4,500 PSI Concrete, Add* | *729.23* | |
| | | *For 5,000 PSI Concrete, Add* | *992.07* | |
| 03 48 22 00-0021 | CY | 8" Thick 3,000 PSI Concrete Precast Trellises Blades | 4,241.34 | |
| | | *For 3,500 PSI Concrete, Add* | *276.75* | |
| | | *For 4,000 PSI Concrete, Add* | *519.99* | |
| | | *For 4,500 PSI Concrete, Add* | *764.29* | |
| | | *For 5,000 PSI Concrete, Add* | *1,039.76* | |
| **03 48 24** | | **Precast Minaret Segments** *(03 48)* | | |
| 03 48 24 00-0001 | | Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)*<br>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. | | |
| 03 48 24 00-0002 | | L - Shaped Segments *(03 48 24 00-0001)* | | |
| 03 48 24 00-0003 | EA | Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane | 323.55 | 258.85 |
| 03 48 24 00-0004 | EA | Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane | 362.57 | 290.07 |
| 03 48 24 00-0005 | EA | Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane | 409.95 | 327.95 |
| 03 48 24 00-0006 | EA | Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane | 437.28 | 349.82 |
| 03 48 24 00-0007 | | O - Shaped Segments *(03 48 24 00-0001)* | | |
| 03 48 24 00-0008 | EA | Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane | 341.95 | 273.61 |
| 03 48 24 00-0009 | EA | Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane | 383.78 | 306.98 |
| 03 48 24 00-0010 | EA | Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane | 434.65 | 347.68 |
| 03 48 24 00-0011 | EA | Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane | 465.49 | 372.36 |
| 03 48 24 00-0012 | | Platform Segment *(03 48 24 00-0001)* | | |
| 03 48 24 00-0013 | EA | Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane | 655.92 | 524.79 |
| 03 48 24 00-0014 | EA | Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane | 792.87 | 634.26 |
| 03 48 24 00-0015 | EA | Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane | 879.90 | 703.93 |
| 03 48 24 00-0016 | EA | Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane | 988.37 | 790.73 |
| 03 48 24 00-0017 | | Cap Segment *(03 48 24 00-0001)* | | |
| 03 48 24 00-0018 | EA | Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane | 358.97 | 287.14 |
| 03 48 24 00-0019 | EA | Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane | 400.84 | 320.62 |
| 03 48 24 00-0020 | EA | Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane | 456.65 | 365.26 |
| 03 48 24 00-0021 | EA | Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane | 487.51 | 389.95 |
| 03 48 24 00-0022 | | Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)*<br>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints. | | |
| 03 48 24 00-0023 | | L - Shaped Segments *(03 48 24 00-0022)* | | |
| 03 48 24 00-0024 | EA | Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane | 327.96 | 262.38 |
| 03 48 24 00-0025 | EA | Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane | 367.51 | 294.03 |
| 03 48 24 00-0026 | EA | Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane | 415.54 | 332.43 |
| 03 48 24 00-0027 | EA | Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane | 443.24 | 354.59 |
| 03 48 24 00-0028 | | O - Shaped Segment *(03 48 24 00-0022)* | | |
| 03 48 24 00-0029 | EA | Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane | 346.62 | 277.34 |
| 03 48 24 00-0030 | EA | Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane | 389.01 | 311.17 |
| 03 48 24 00-0031 | EA | Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane | 440.57 | 352.42 |
| 03 48 24 00-0032 | EA | Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane | 471.84 | 377.44 |
| 03 48 24 00-0033 | | Platform Segment *(03 48 24 00-0022)* | | |
| 03 48 24 00-0034 | EA | Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane | 529.97 | 423.96 |
| 03 48 24 00-0035 | EA | Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane | 641.53 | 513.21 |
| 03 48 24 00-0036 | EA | Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane | 710.05 | 568.05 |
| 03 48 24 00-0037 | EA | Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane | 803.68 | 642.91 |
| 03 48 24 00-0038 | | Cap Segment *(03 48 24 00-0022)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 48 24 00-0039 | EA | Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane | 363.86 | 291.05 |
| 03 48 24 00-0040 | EA | Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane | 406.31 | 324.99 |
| 03 48 24 00-0041 | EA | Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane | 462.88 | 370.24 |
| 03 48 24 00-0042 | EA | Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane | 494.16 | 395.27 |
| 03 48 24 00-0043 | | Material Costs *(03 48 24)* | | |
| | | Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations. | | |
| 03 48 24 00-0044 | CY | Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete | 9,338.20 | |
| | | Note: Including Post Tension Cost | | |
| 03 48 24 00-0045 | CY | Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete | 9,338.20 | |
| | | Note: Including Post Tension Cost | | |
| 03 48 24 00-0046 | CY | Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete | 9,338.20 | |
| | | Note: Including Post Tension Cost | | |
| 03 48 24 00-0047 | CY | Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete | 9,338.20 | |
| | | Note: Including Post Tension Cost | | |
| **03 48 29** | | **Precast Accessories** *(03 48)* | | |
| | | Note: Includes installation labor, material and equipment. | | |
| 03 48 29 00-0001 | | Bearing Pads For Precast Members *(03 48 29)* | | |
| 03 48 29 00-0002 | | Continuous 2" Wide Strips *(03 48 29 00-0001)* | | |
| 03 48 29 00-0003 | LF | Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips | 1.21 | |
| | | Note: For precast members | | |
| 03 48 29 00-0004 | LF | Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips | 1.78 | |
| | | Note: For precast members. | | |
| 03 48 29 00-0005 | LF | Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips | 3.02 | |
| | | Note: For precast members | | |
| 03 48 29 00-0006 | LF | Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips | 4.28 | |
| | | Note: For precast members | | |
| 03 48 29 00-0007 | LF | Bearing Pads, Continuous 2" Wide x 1" Thick Strips | 5.58 | |
| | | Note: For precast members | | |
| 03 48 29 00-0008 | LF | Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips | 8.07 | |
| | | Note: For precast members | | |
| 03 48 29 00-0009 | | Bearing Pad Pipe Supports *(03 48 29)* | | |
| 03 48 29 00-0010 | LF | 4" x 4" Precast Pipe Support | 8.10 | |
| **03 48 46** | | **Precast Skylight Shells** *(03 48)* | | |
| 03 48 46 00-0001 | | Installation Cost Using A 90 Ton Crawler Crane *(03 48 46)* | | |
| | | Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. | | |
| 03 48 46 00-0002 | EA | Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane | 472.65 | 212.73 |
| 03 48 46 00-0003 | EA | Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane | 524.84 | 236.19 |
| 03 48 46 00-0004 | EA | Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane | 589.96 | 265.48 |
| 03 48 46 00-0005 | | Material Cost *(03 48 46)* | | |
| | | Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations. | | |
| 03 48 46 00-0006 | CY | 3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius | 3,906.81 | |
| **03 48 49** | | **Precast Landings** *(03 48)* | | |
| 03 48 49 00-0001 | SF | 3" Thick Precast Landing | 94.41 | |
| 03 48 49 00-0002 | SF | 4" Thick Precast Landing | 110.26 | |
| 03 48 49 00-0003 | SF | 5" Thick Precast Landing | 125.04 | |
| 03 48 49 00-0004 | SF | 6" Thick Precast Landing | 144.08 | |
| **03 48 54** | | **Precast Concrete Blocks** *(03 48)* | | |
| 03 48 54 00-0001 | | Precast Concrete Blocks *(03 48 54)* | | |
| 03 48 54 00-0002 | EA | 2' x 2' x 2' Precast Concrete Block | 118.48 | 34.69 |
| 03 48 54 00-0003 | EA | 2' x 2' x 4' Precast Concrete Block | 164.35 | 43.36 |
| 03 48 54 00-0004 | EA | 2' x 2' x 8' Precast Concrete Block | 257.95 | 52.04 |

## 03 50 Cast Decks and Underlayment *(03)*

### 03 51 Cast Roof Decks *(03 50)*

**03 51 13 Cementitious Wood Fiber Decks** *(03 51)*

| | | | | |
|---|---|---|---|---|
| 03 51 13 00-0001 | | Cement Fiber Tongue And Groove Planks *(03 51 13)* | | |
| 03 51 13 00-0002 | SF | 1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System | 3.14 | |
| 03 51 13 00-0003 | SF | 1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System | 3.27 | |
| 03 51 13 00-0004 | SF | 2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System | 3.42 | |
| 03 51 13 00-0005 | SF | 2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System | 3.91 | |
| 03 51 13 00-0006 | SF | 3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System | 4.44 | |
| 03 51 13 00-0007 | SF | 3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System | 5.04 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 51 13 00-0008 | SF | 4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System | 5.79 | |

### 03 51 16 Gypsum Concrete Roof Decks *(03 51)*

#### 03 51 16 00-0001 Class A Gypsum Fill Concrete Deck *(03 51 16)*

| | | | | |
|---|---|---|---|---|
| 03 51 16 00-0002 | SF | 2" Thick Precast Gypsum Fill Concrete Deck, Class A | 10.68 | 0.47 |
| 03 51 16 00-0003 | SF | 2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A | 13.25 | 0.55 |
| 03 51 16 00-0004 | SF | 3" Thick Precast Gypsum Fill Concrete Deck, Class A | 15.83 | 0.63 |
| 03 51 16 00-0005 | SF | 3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A | 18.44 | 0.70 |
| 03 51 16 00-0006 | SF | 4" Thick Precast Gypsum Fill Concrete Deck, Class A | 21.06 | 0.78 |

#### 03 51 16 00-0007 Form Board For Lightweight Deck *(03 51 16)*

| | | | | |
|---|---|---|---|---|
| 03 51 16 00-0008 | SF | Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck | 1.95 | |
| 03 51 16 00-0009 | SF | Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck | 2.66 | |
| 03 51 16 00-0010 | SF | Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck | 5.72 | |
| 03 51 16 00-0011 | SF | Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck | 2.17 | 0.46 |
| 03 51 16 00-0012 | SF | Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck | 2.67 | 0.46 |
| 03 51 16 00-0013 | SF | Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck | 3.01 | 0.46 |
| 03 51 16 00-0014 | SF | Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck | 3.76 | 0.46 |

#### 03 51 16 00-0015 Gypsum Plank *(03 51 16)*

| | | | | |
|---|---|---|---|---|
| 03 51 16 00-0016 | SF | 2" Thick, Insulating Concrete Gypsum Plank, Roof Deck | 3.62 | |
| 03 51 16 00-0017 | SF | 3" Thick, Insulating Concrete Gypsum Plank, Roof Deck | 4.76 | |

## 03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

### 03 53 14 Granolithic Concrete Topping *(03 53)*

#### 03 53 14 00-0001 Granolithic Topping Laid After *(03 53 14)*

Note: Using 1:1:1-1/2 mix.

| | | | | |
|---|---|---|---|---|
| 03 53 14 00-0002 | SF | 1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix | 3.85 | |
| 03 53 14 00-0003 | SF | 1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix | 4.17 | |
| 03 53 14 00-0004 | SF | 2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix | 5.25 | |

### 03 53 19 Concrete Overlayment *(03 53)*

#### 03 53 19 00-0001 Integral Topping Including Hard Trowel Finish *(03 53 19)*

Note: Using 1:1:2 mix.

| | | | | |
|---|---|---|---|---|
| 03 53 19 00-0002 | SF | 3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix | 2.29 | |
| 03 53 19 00-0003 | SF | 1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix | 2.57 | |
| 03 53 19 00-0004 | SF | 3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix | 3.02 | |
| 03 53 19 00-0005 | SF | 1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix | 3.57 | |
| 03 53 19 00-0006 | SF | 2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix | 5.07 | |
| 03 53 19 00-0007 | SF | 2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix | 4.36 | |
| 03 53 19 00-0008 | SF | 3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix | 4.87 | |

## 03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

### 03 54 16 Hydraulic Cement Underlayment *(03 54)*

#### 03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors *(03 54 16)*

Note: Includes primer.

| | | | | |
|---|---|---|---|---|
| 03 54 16 00-0002 | SF | 1/8" Thick Self Leveling Cementitious Underlayment For Floors | 1.53 | |
| | | Note: Including Surface Preparation | | |
| | | *For Up To 100 SF, Add* | *0.13* | |
| | | *For >100 To 250 SF, Add* | *0.07* | |
| 03 54 16 00-0003 | SF | 1/4" Thick Self Leveling Cementitious Underlayment For Floors | 2.61 | |
| | | Note: Including Surface Preparation | | |
| | | *For Up To 100 SF, Add* | *0.13* | |
| | | *For >100 To 250 SF, Add* | *0.07* | |
| 03 54 16 00-0004 | SF | 3/8" Thick Self Leveling Cementitious Underlayment For Floors | 3.33 | |
| | | Note: Including Surface Preparation | | |
| | | *For Up To 100 SF, Add* | *0.13* | |
| | | *For >100 To 250 SF, Add* | *0.07* | |
| 03 54 16 00-0005 | SF | 1/2" Thick Self Leveling Cementitious Underlayment For Floors | 4.77 | |
| | | Note: Including Surface Preparation | | |
| | | *For Up To 100 SF, Add* | *0.13* | |
| | | *For >100 To 250 SF, Add* | *0.07* | |
| 03 54 16 00-0006 | SF | 5/8" Thick Self Leveling Cementitious Underlayment For Floors | 5.63 | |
| | | Note: Including Surface Preparation | | |
| | | *For Up To 100 SF, Add* | *0.13* | |
| | | *For >100 To 250 SF, Add* | *0.07* | |
| 03 54 16 00-0007 | SF | 3/4" Thick Self Leveling Cementitious Underlayment For Floors | 6.97 | |
| | | Note: Including Surface Preparation | | |
| | | *For Up To 100 SF, Add* | *0.15* | |
| | | *For >100 To 250 SF, Add* | *0.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 54 16 00-0008 | SF | 1" Thick Self Leveling Cementitious Underlayment For Floors<br>Note: Including Surface Preparation | 9.13 | |
| | | *For Up To 100 SF, Add* | *0.15* | |
| | | *For >100 To 250 SF, Add* | *0.08* | |
| 03 54 16 00-0009 | SF | 1-1/4" Thick Self Leveling Cementitious Underlayment For Floors<br>Note: Including Surface Preparation | 12.05 | |
| | | *For Up To 100 SF, Add* | *0.18* | |
| | | *For >100 To 250 SF, Add* | *0.09* | |
| 03 54 16 00-0010 | SF | 1-1/2" Thick Self Leveling Cementitious Underlayment For Floors<br>Note: Including Surface Preparation | 13.50 | |
| | | *For Up To 100 SF, Add* | *0.18* | |
| | | *For >100 To 250 SF, Add* | *0.09* | |
| 03 54 16 00-0011 | SF | 1-3/4" Thick Self Leveling Cementitious Underlayment For Floors<br>Note: Including Surface Preparation | 17.91 | |
| | | *For Up To 100 SF, Add* | *0.22* | |
| | | *For >100 To 250 SF, Add* | *0.11* | |

## 03 60 Grouting *(03)*

### 03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

#### 03 61 16 Cementitious Flowable Grout *(03 61)*

03 61 16 00-0001 Cementitious Flowable Grout *(03 61 16)*

| | | | |
|---|---|---|---|
| 03 61 16 00-0002 | CY | Cementitious Flowable Grout | 414.20 |

### 03 62 Non-Shrink Grouting *(03 60)*

#### 03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

| | | | |
|---|---|---|---|
| 03 62 13 00-0002 | SF | 1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases | 23.96 |
| 03 62 13 00-0003 | SF | 2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases | 35.34 |

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

| | | | |
|---|---|---|---|
| 03 62 13 00-0005 | SF | 1" Deep, Non-Metallic Non-Shrink Grout For Bases | 36.65 |
| 03 62 13 00-0006 | SF | 2" Deep, Non-Metallic Non-Shrink Grout For Bases | 58.58 |

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

| | | | |
|---|---|---|---|
| 03 62 13 00-0009 | LF | 4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints | 1.80 |
| 03 62 13 00-0010 | LF | 6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints | 2.37 |
| 03 62 13 00-0011 | LF | 8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints | 3.14 |

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

| | | | |
|---|---|---|---|
| 03 62 13 00-0013 | LF | 4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints | 2.68 |
| 03 62 13 00-0014 | LF | 6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints | 3.57 |
| 03 62 13 00-0015 | LF | 8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints | 4.75 |

#### 03 62 16 Metallic Non-Shrink Grouting *(03 62)*

03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases *(03 62 16)*

| | | | |
|---|---|---|---|
| 03 62 16 00-0002 | SF | 1" Deep, Metallic Non-Shrink Grout For Bases | 31.15 |
| 03 62 16 00-0003 | SF | 2" Deep, Metallic Non-Shrink Grout For Bases | 47.92 |

03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints *(03 62 16)*

03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

| | | | |
|---|---|---|---|
| 03 62 16 00-0006 | LF | 4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints | 1.46 |
| 03 62 16 00-0007 | LF | 6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints | 1.85 |
| 03 62 16 00-0008 | LF | 8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints | 2.47 |

03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

| | | | |
|---|---|---|---|
| 03 62 16 00-0010 | LF | 4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints | 2.01 |
| 03 62 16 00-0011 | LF | 6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints | 2.53 |
| 03 62 16 00-0012 | LF | 8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints | 3.39 |

### 03 64 Injection Grouting *(03 60)*

Note: By volume of void filled. Includes injection ports.

#### 03 64 23 Epoxy Injection Grouting *(03 64)*

03 64 23 00-0001 Pressure Injected Epoxy Grout *(03 64 23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 03 64 23 00-0002 | CF | Pressure Injected Epoxy Grout | 1,160.52 | |
| | | *For >4, Deduct* | *-123.18* | |

**03 64 26 Cementitious Injection Grouting** *(03 64)*

03 64 26 00-0001 Pressure Injected Cementitious Grout *(03 64 26)*

| | | | | |
|---|---|---|---|---|
| 03 64 26 00-0002 | CF | Pressure Injected Cementitious Grout | 200.06 | |
| | | *For >4, Deduct* | *-52.89* | |

## 03 80 Concrete Cutting and Boring *(03)*

### 03 81 Concrete Cutting *(03 80)*

**03 81 13 Flat Concrete Sawing** *(03 81)*

See CSI section 02 41 19 13-0001 for saw cutting.

**03 81 16 Track Mounted Concrete Wall Sawing** *(03 81)*

See CSI section 02 41 19 13-0001 for saw cutting.

### 03 82 Concrete Boring *(03 80)*

**03 82 13 Concrete Core Drilling** *(03 82)*

See CSI section 02 41 19 13-0024 for core drilling.

**END OF SECTION 03**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 04 Masonry

## 04 01 Maintenance of Masonry *(04)*

### 04 01 20 Maintenance of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

**04 01 20 41 Unit Masonry Stabilization** *(04 01 20)*

04 01 20 41-0001 Unit Masonry Stabilization (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0004 | EA | 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) | 19.39 | |
| | | *For Up To 10, Add* | *7.69* | |
| | | *For >10 To 50, Add* | *3.85* | |
| 04 01 20 41-0005 | EA | 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) | 28.52 | |
| | | *For Up To 10, Add* | *7.69* | |
| | | *For >10 To 50, Add* | *3.85* | |
| 04 01 20 41-0006 | EA | 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) | 38.43 | |
| | | *For Up To 10, Add* | *7.69* | |
| | | *For >10 To 50, Add* | *3.85* | |

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0008 | EA | 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) | 21.37 | |
| | | *For Up To 10, Add* | *7.69* | |
| | | *For >10 To 50, Add* | *3.85* | |
| 04 01 20 41-0009 | EA | 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) | 32.03 | |
| | | *For Up To 10, Add* | *7.69* | |
| | | *For >10 To 50, Add* | *3.85* | |
| 04 01 20 41-0010 | EA | 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) | 43.70 | |
| | | *For Up To 10, Add* | *7.69* | |
| | | *For >10 To 50, Add* | *3.85* | |

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0013 | EA | 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 50.18 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0014 | EA | 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 55.36 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0015 | EA | 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 175.67 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0016 | EA | 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 50.18 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0017 | EA | 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 55.36 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0018 | EA | 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 61.26 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0019 | EA | 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 72.35 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0020 | EA | 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 175.67 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |

04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 01 20 41-0022 | EA | 4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 53.00 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0023 | EA | 4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 59.13 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0024 | EA | 4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 199.20 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0025 | EA | 6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 53.00 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0026 | EA | 6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 59.13 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0027 | EA | 6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 65.97 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0028 | EA | 6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 78.94 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |
| 04 01 20 41-0029 | EA | 6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 199.20 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |

### 04 01 20 41-0030 Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.

### 04 01 20 41-0031 304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0032 | EA | 4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 9.68 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0033 | EA | 5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 10.61 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0034 | EA | 6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 11.54 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0035 | EA | 7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 12.47 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0036 | EA | 8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 13.40 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0037 | EA | 9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 14.33 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0038 | EA | 4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 9.68 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0039 | EA | 5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 10.61 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0040 | EA | 6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 11.54 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0041 | EA | 7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 12.47 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0042 | EA | 8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 13.40 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0043 | EA | 10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 15.25 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0044 | EA | 4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix) | 9.68 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0045 | EA | 6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix) | 11.54 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0046 | EA | 8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix) | 12.93 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |

### 04 01 20 41-0047 316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 01 20 41-0048 | EA | 4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 9.68 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0049 | EA | 5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 10.61 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0050 | EA | 6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 11.54 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0051 | EA | 7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 12.47 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0052 | EA | 8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 13.40 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0053 | EA | 9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 14.33 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0054 | EA | 4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 9.68 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0055 | EA | 5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 10.61 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0056 | EA | 6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 11.54 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0057 | EA | 7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 12.47 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0058 | EA | 8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 13.40 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0059 | EA | 10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 15.25 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0060 | EA | 4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix) | 9.68 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0061 | EA | 6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix) | 11.54 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0062 | EA | 8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix) | 12.93 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |

### 04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.

### 04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0065 | EA | 8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 7.49 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0066 | EA | 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 7.83 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0067 | EA | 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 7.89 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0068 | EA | 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.03 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0069 | EA | 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.27 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 04 01 20 41-0070 | | EA | 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.48 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0071 | | EA | 8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.58 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0072 | | EA | 8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.71 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0073 | | EA | 8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.30 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0074 | | EA | 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.39 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0075 | | EA | 8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.10 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0076 | | EA | 8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.71 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0077 | | EA | 8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 11.23 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0078 | | EA | 8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 13.05 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0079 | | EA | 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 14.67 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0080 | | EA | 8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 16.83 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0081 | | EA | 10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 7.61 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0082 | | EA | 10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 7.97 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0083 | | EA | 10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.29 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0084 | | EA | 10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.58 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0085 | | EA | 10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.77 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0086 | | EA | 10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.90 | |
| | | | *For Up To 10, Add* | *4.62* | |
| | | | *For >10 To 50, Add* | *2.31* | |
| | | | *For Metal Stud Clip, Add* | *2.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 01 20 41-0087 | EA | 10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.11 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0088 | EA | 10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.20 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0089 | EA | 10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.62 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0090 | EA | 10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.22 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0091 | EA | 10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.72 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0092 | EA | 10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 11.36 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0093 | EA | 10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 14.78 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0094 | EA | 10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 16.69 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0095 | EA | 10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 19.67 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0096 | EA | 8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 8.39 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0097 | EA | 8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 8.60 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0098 | EA | 8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 8.74 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0099 | EA | 8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 8.84 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0100 | EA | 8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.14 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0101 | EA | 8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.61 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0102 | EA | 8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.79 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0103 | EA | 8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.26 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 01 20 41-0104 | EA | 10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 8.94 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0105 | EA | 10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.35 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0106 | EA | 10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.64 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0107 | EA | 10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.82 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0108 | EA | 10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.95 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0109 | EA | 10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.26 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0110 | EA | 304 Stainless Steel, Seismic Connector (Helifix® DryFix®)<br>Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire. | 4.01 | |
| | | *For Up To 10, Add* | *2.31* | |
| | | *For >10 To 50, Add* | *1.16* | |

### 04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0112 | EA | 8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.02 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0113 | EA | 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.44 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0114 | EA | 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.52 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0115 | EA | 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.69 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0116 | EA | 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.00 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0117 | EA | 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.25 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0118 | EA | 8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.38 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0119 | EA | 8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.55 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0120 | EA | 8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.16 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 01 20 41-0121 | EA | 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.27 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0122 | EA | 8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 11.16 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0123 | EA | 8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 11.92 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0124 | EA | 8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 12.57 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0125 | EA | 8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 14.84 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0126 | EA | 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 16.69 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0127 | EA | 8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 19.38 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0128 | EA | 10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.24 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0129 | EA | 10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.65 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0130 | EA | 10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.05 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0131 | EA | 10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.42 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0132 | EA | 10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.65 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0133 | EA | 10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.81 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0134 | EA | 10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.08 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0135 | EA | 10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.19 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0136 | EA | 10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 10.68 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0137 | EA | 10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 11.36 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 01 20 41-0138 | EA | 10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 11.98 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0139 | EA | 10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 12.77 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0140 | EA | 10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 17.04 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0141 | EA | 10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 19.09 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0142 | EA | 10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 22.81 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0143 | EA | 8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.23 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0144 | EA | 8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.47 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0145 | EA | 8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.63 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0146 | EA | 8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.76 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0147 | EA | 8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.14 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0148 | EA | 8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.73 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0149 | EA | 8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.92 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0150 | EA | 8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 11.51 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0151 | EA | 10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 9.83 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0152 | EA | 10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.35 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0153 | EA | 10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.71 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0154 | EA | 10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.94 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 01 20 41-0155 | EA | 10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 11.10 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0156 | EA | 10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 11.48 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| | | *For Metal Stud Clip, Add* | *2.15* | |
| 04 01 20 41-0157 | EA | 316 Stainless Steel, Seismic Connector (Helifix® DryFix®) | 4.42 | |
| | | Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire. | | |
| | | *For Up To 10, Add* | *2.31* | |
| | | *For >10 To 50, Add* | *1.16* | |

### 04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.

### 04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0160 | EA | 8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) | 6.20 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0161 | EA | 8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) | 6.24 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |

### 04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0163 | EA | 8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) | 6.48 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |
| 04 01 20 41-0164 | EA | 8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) | 6.55 | |
| | | *For Up To 10, Add* | *4.62* | |
| | | *For >10 To 50, Add* | *2.31* | |

### 04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.

### 04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0167 | EA | 6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie) | 39.82 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |

### 04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

| | | | | |
|---|---|---|---|---|
| 04 01 20 41-0169 | EA | 6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie) | 41.12 | |
| | | *For Up To 10, Add* | *30.78* | |
| | | *For >10 To 50, Add* | *15.39* | |

### 04 01 20 41-0170 Unit Masonry Stabilization *(04 01 20 41)*

### 04 01 20 41-0171 Repair Bulging Or Loose Masonry *(04 01 20 41-0170)*

| | | | |
|---|---|---|---|
| 04 01 20 41-0172 | SF | Repair Bulging Or Loose Masonry Using Existing Masonry<br>Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar. | 67.85 |
| 04 01 20 41-0173 | SF | Repair Bulging Or Loose Masonry Using New Masonry<br>Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar. | 73.09 |

## 04 01 20 51 Unit Masonry Maintenance *(04 01 20)*

### 04 01 20 51-0001 Grind Unit Masonry *(04 01 20 51)*

| | | | |
|---|---|---|---|
| 04 01 20 51-0002 | SF | Grind Smooth Masonry Wall | 3.21 |

## 04 01 20 91 Unit Masonry Restoration *(04 01 20)*

### 04 01 20 91-0001 Cut And Repoint Masonry *(04 01 20 91)*

Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 01 20 91-0002 | SF | Cut And Repoint, Hard Mortar, Running Bond, Brick | 7.86 | |
| | | *For Common Bond, Add* | *0.29* | |
| | | *For Flemish Bond, Add* | *1.01* | |
| | | *For English Bond, Add* | *1.66* | |
| | | *For Oversized Or Larger Than Standard, Deduct* | *-1.18* | |
| | | *For >250 To 1,000, Deduct* | *-0.36* | |
| | | *For >1,000, Deduct* | *-0.75* | |
| 04 01 20 91-0003 | SF | Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick | 5.54 | |
| | | *For Common Bond, Add* | *0.20* | |
| | | *For Flemish Bond, Add* | *0.69* | |
| | | *For English Bond, Add* | *1.13* | |
| | | *For Oversized Or Larger Than Standard, Deduct* | *-0.83* | |
| | | *For >250 To 1,000, Deduct* | *-0.25* | |
| | | *For >1,000, Deduct* | *-0.52* | |
| 04 01 20 91-0004 | SF | Cut And Repoint, Hard Mortar, Running Bond, Concrete Block | 4.27 | |
| | | *For Common Bond, Add* | *0.15* | |
| | | *For Oversized Or Larger Than Standard, Deduct* | *-0.64* | |
| | | *For >250 To 1,000, Deduct* | *-0.18* | |
| | | *For >1,000, Deduct* | *-0.40* | |
| 04 01 20 91-0005 | SF | Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block | 3.12 | |
| | | *For Common Bond, Add* | *0.10* | |
| | | *For Oversized Or Larger Than Standard, Deduct* | *-0.47* | |
| | | *For >250 To 1,000, Deduct* | *-0.12* | |
| | | *For >1,000, Deduct* | *-0.28* | |
| 04 01 20 91-0006 | LF | Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area | 2.70 | |

### 04 01 20 91-0007 Repair Masonry *(04 01 20 91)*

Note: Includes mortar for repair.

| | | | | |
|---|---|---|---|---|
| 04 01 20 91-0008 | SF | Patch And Repair Terra Cotta Walls Or Coping<br>Note: Including Replacement Of Damaged Material | 16.88 | |
| 04 01 20 91-0009 | SF | Patch And Repair Terra Cotta Floors<br>Note: Including Replacement Of Damaged Material | 15.76 | |
| 04 01 20 91-0010 | LF | Chip And Repair With Masonry Patch, Cracks Up To 1/4" | 3.61 | |
| 04 01 20 91-0011 | SF | Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade | 6.61 | |
| 04 01 20 91-0012 | LF | Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base) | 363.18 | |
| 04 01 20 91-0013 | LF | Pressure Grout Block/Brick Master Builders RHEOCEM 900 (Portland Cement Base) | 103.62 | |
| 04 01 20 91-0014 | LF | Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570) | 28.29 | |
| | | *For Cracks Accessible From Both Sides, Add* | *5.76* | |
| 04 01 20 91-0015 | LF | Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52) | 24.67 | |
| | | *For Cracks Accessible From Both Sides, Add* | *5.76* | |
| 04 01 20 91-0016 | LF | Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52) | 6.47 | |
| | | *For V-Grooving Crack With Grinder, Add* | *4.53* | |
| 04 01 20 91-0017 | LF | >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52) | 8.82 | |
| | | *For V-Grooving Crack With Grinder, Add* | *4.30* | |

## 04 01 50 Maintenance of Refractory Masonry *(04 01)*

### 04 01 50 52 Refractory Masonry Cleaning *(04 01 50)*

#### 04 01 50 52-0001 Chimney Cleaning *(04 01 50 52)*

| | | | | |
|---|---|---|---|---|
| 04 01 50 52-0002 | LF | Up To 2 SF Cross Section Chimney Cleaning | 5.51 | |
| 04 01 50 52-0003 | LF | >2 To 4 SF Cross Section Chimney Cleaning | 11.01 | |
| 04 01 50 52-0004 | LF | >4 SF Cross Section Chimney Cleaning | 16.52 | |

# 04 05 Common Work Results for Masonry *(04)*

## 04 05 13 Masonry Mortaring *(04 05)*

### 04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

#### 04 05 13 26-0001 Masonry Cement Mortar *(04 05 13 26)*

Note: Ratio is bag material to sand.

| | | | | |
|---|---|---|---|---|
| 04 05 13 26-0002 | CF | Type M Masonry Cement 1:1:6 Mix | 7.65 | |
| 04 05 13 26-0003 | CF | Type N Masonry Cement 1:3 Mix | 7.06 | |
| 04 05 13 26-0004 | CF | Type O Masonry Cement 1:3 Mix | 7.25 | |
| 04 05 13 26-0005 | CF | Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI | 7.93 | |
| 04 05 13 26-0006 | CF | Type S Masonry Cement 1/2:1:4 Mix | 8.37 | |

#### 04 05 13 26-0007 Mortar Admixture *(04 05 13 26)*

| | | | | |
|---|---|---|---|---|
| 04 05 13 26-0008 | CF | Water - Repellent Stearate - Cost Based On CF Of Mortar | 0.37 | |
| 04 05 13 26-0009 | CF | Pozzolanic Plasticizers - Cost Based On CF Of Mortar | 0.07 | |

#### 04 05 13 26-0010 Color Admixtures For Mortar *(04 05 13 26)*

Note: Costs are based on CF of mortar.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 13 26-0011 | CF | Buff Colored Admixture | 2.38 | |
| 04 05 13 26-0012 | CF | Brown Colored Admixture | 2.69 | |
| 04 05 13 26-0013 | CF | Black Colored Admixture | 3.33 | |
| 04 05 13 26-0014 | CF | Red Colored Admixture | 7.30 | |
| 04 05 13 26-0015 | | Portland Cement *(04 05 13 26)* | | |
| 04 05 13 26-0016 | CF | Normal Portland Cement (Type I) | 12.65 | |
| 04 05 13 26-0017 | CF | Modified Portland Cement (Type II) | 6.31 | |
| 04 05 13 26-0018 | CF | High Early Strength Portland Cement (Type III) | 6.69 | |
| 04 05 13 26-0019 | CF | White Non Staining Portland Cement (Type I) | 14.01 | |

## 04 05 16 Masonry Grouting *(04 05)*

### 04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Excludes reinforcement.

| | | | | |
|---|---|---|---|---|
| 04 05 16 26-0001 | | Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)* | | |
| | | Note: Excludes block. | | |
| 04 05 16 26-0002 | LF | Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep | 3.62 | |
| 04 05 16 26-0003 | LF | Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep | 3.96 | |
| 04 05 16 26-0004 | LF | Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep | 4.44 | |
| 04 05 16 26-0005 | LF | Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep | 4.97 | |
| 04 05 16 26-0006 | | Grout Concrete Block Cores, Grout Fill *(04 05 16 26)* | | |
| | | Note: Per SF of face area filled. | | |
| 04 05 16 26-0007 | SF | Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF) | 2.77 | |
| 04 05 16 26-0008 | SF | Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF) | 4.09 | |
| 04 05 16 26-0009 | SF | Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF) | 5.84 | |
| 04 05 16 26-0010 | SF | Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF) | 7.19 | |
| 04 05 16 26-0011 | SF | Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF) | 8.51 | |
| 04 05 16 26-0012 | | Grout Cavity Walls, Grout Fill *(04 05 16 26)* | | |
| | | Note: Per SF of face area filled. | | |
| 04 05 16 26-0013 | SF | Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF) | 3.33 | |
| 04 05 16 26-0014 | SF | Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF) | 4.70 | |
| 04 05 16 26-0015 | SF | Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF) | 5.92 | |
| 04 05 16 26-0016 | SF | Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF) | 8.07 | |
| 04 05 16 26-0017 | | Grout Frames, Grout Fill *(04 05 16 26)* | | |
| 04 05 16 26-0018 | LF | Grout Door Frames - Grout Fill | 5.35 | |
| 04 05 16 26-0019 | LF | Grout Window Frames - Grout Fill | 4.60 | |
| 04 05 16 26-0020 | | Sand Filled Walls *(04 05 16 26)* | | |
| 04 05 16 26-0021 | | Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)* | | |
| | | Note: Per SF of face area filled. | | |
| 04 05 16 26-0022 | SF | Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF) | 2.73 | |
| 04 05 16 26-0023 | SF | Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF) | 3.78 | |
| 04 05 16 26-0024 | SF | Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF) | 4.65 | |
| 04 05 16 26-0025 | SF | Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF) | 6.24 | |

## 04 05 19 Masonry Anchorage and Reinforcing *(04 05)*

### 04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*

Note: Includes cutting and bending.

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0001 | | Continuous Joint Reinforcing *(04 05 19 13)* | | |
| 04 05 19 13-0002 | | Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)* | | |
| 04 05 19 13-0003 | | Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)* | | |
| 04 05 19 13-0004 | | Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)* | | |
| 04 05 19 13-0005 | CLF | #4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 49.43 | |
| | | *For Hot-Dipped Galvanized, Add* | *9.63* | |
| | | *For Stainless Steel, Add* | *38.50* | |
| 04 05 19 13-0006 | CLF | #6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 52.47 | |
| | | *For Hot-Dipped Galvanized, Add* | *10.11* | |
| | | *For Stainless Steel, Add* | *40.44* | |
| 04 05 19 13-0007 | CLF | #8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 56.49 | |
| | | *For Hot-Dipped Galvanized, Add* | *10.66* | |
| | | *For Stainless Steel, Add* | *42.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0008 | CLF | #10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 61.25 | |
| | | *For Hot-Dipped Galvanized, Add* | *11.28* | |
| | | *For Stainless Steel, Add* | *45.10* | |
| 04 05 19 13-0009 | CLF | #12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 66.76 | |
| | | *For Hot-Dipped Galvanized, Add* | *11.88* | |
| | | *For Stainless Steel, Add* | *47.52* | |
| 04 05 19 13-0010 | CLF | #13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 70.79 | |
| | | *For Hot-Dipped Galvanized, Add* | *12.18* | |
| | | *For Stainless Steel, Add* | *48.70* | |
| 04 05 19 13-0011 | CLF | #14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 73.79 | |
| | | *For Hot-Dipped Galvanized, Add* | *12.52* | |
| | | *For Stainless Steel, Add* | *50.06* | |
| 04 05 19 13-0012 | CLF | #16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 86.25 | |
| | | *For Hot-Dipped Galvanized, Add* | *17.20* | |
| | | *For Stainless Steel, Add* | *68.80* | |
| 04 05 19 13-0013 | CLF | #18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 108.13 | |
| | | *For Hot-Dipped Galvanized, Add* | *26.59* | |
| | | *For Stainless Steel, Add* | *106.36* | |

### 04 05 19 13-0014 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0015 | CLF | #4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 60.11 | |
| | | *For Hot-Dipped Galvanized, Add* | *14.96* | |
| | | *For Stainless Steel, Add* | *59.84* | |
| 04 05 19 13-0016 | CLF | #6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 63.26 | |
| | | *For Hot-Dipped Galvanized, Add* | *15.51* | |
| | | *For Stainless Steel, Add* | *62.02* | |
| 04 05 19 13-0017 | CLF | #8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 67.40 | |
| | | *For Hot-Dipped Galvanized, Add* | *16.11* | |
| | | *For Stainless Steel, Add* | *64.44* | |
| 04 05 19 13-0018 | CLF | #10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 72.04 | |
| | | *For Hot-Dipped Galvanized, Add* | *16.67* | |
| | | *For Stainless Steel, Add* | *66.68* | |
| 04 05 19 13-0019 | CLF | #12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 77.52 | |
| | | *For Hot-Dipped Galvanized, Add* | *17.26* | |
| | | *For Stainless Steel, Add* | *69.04* | |
| 04 05 19 13-0020 | CLF | #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 81.60 | |
| | | *For Hot-Dipped Galvanized, Add* | *17.59* | |
| | | *For Stainless Steel, Add* | *70.34* | |
| 04 05 19 13-0021 | CLF | #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 84.52 | |
| | | *For Hot-Dipped Galvanized, Add* | *17.88* | |
| | | *For Stainless Steel, Add* | *71.52* | |
| 04 05 19 13-0022 | CLF | #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 100.44 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.30* | |
| | | *For Stainless Steel, Add* | *97.18* | |
| 04 05 19 13-0023 | CLF | #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 132.47 | |
| | | *For Hot-Dipped Galvanized, Add* | *38.77* | |
| | | *For Stainless Steel, Add* | *155.06* | |

### 04 05 19 13-0024 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0025 | CLF | #4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 70.46 | |
| | | *For Hot-Dipped Galvanized, Add* | *20.14* | |
| | | *For Stainless Steel, Add* | *80.54* | |
| 04 05 19 13-0026 | CLF | #6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 74.99 | |
| | | *For Hot-Dipped Galvanized, Add* | *21.24* | |
| | | *For Stainless Steel, Add* | *84.96* | |
| 04 05 19 13-0027 | CLF | #8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 79.52 | |
| | | *For Hot-Dipped Galvanized, Add* | *22.35* | |
| | | *For Stainless Steel, Add* | *89.38* | |
| 04 05 19 13-0028 | CLF | #10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 86.04 | |
| | | *For Hot-Dipped Galvanized, Add* | *23.67* | |
| | | *For Stainless Steel, Add* | *94.68* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0029 | CLF | #12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 92.55 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.99* | |
| | | *For Stainless Steel, Add* | *99.94* | |
| 04 05 19 13-0030 | CLF | #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 97.82 | |
| | | *For Hot-Dipped Galvanized, Add* | *25.69* | |
| | | *For Stainless Steel, Add* | *102.76* | |
| 04 05 19 13-0031 | CLF | #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 100.97 | |
| | | *For Hot-Dipped Galvanized, Add* | *26.30* | |
| | | *For Stainless Steel, Add* | *105.18* | |
| 04 05 19 13-0032 | CLF | #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 106.87 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.51* | |
| | | *For Stainless Steel, Add* | *110.02* | |
| 04 05 19 13-0033 | CLF | #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 146.34 | |
| | | *For Hot-Dipped Galvanized, Add* | *45.69* | |
| | | *For Stainless Steel, Add* | *182.76* | |

### 04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0035 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 74.02 | |
| | | *For Hot-Dipped Galvanized, Add* | *21.92* | |
| | | *For Stainless Steel, Add* | *87.66* | |
| 04 05 19 13-0036 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 77.03 | |
| | | *For Hot-Dipped Galvanized, Add* | *22.39* | |
| | | *For Stainless Steel, Add* | *89.56* | |
| 04 05 19 13-0037 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 81.05 | |
| | | *For Hot-Dipped Galvanized, Add* | *22.94* | |
| | | *For Stainless Steel, Add* | *91.74* | |
| 04 05 19 13-0038 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 85.81 | |
| | | *For Hot-Dipped Galvanized, Add* | *23.56* | |
| | | *For Stainless Steel, Add* | *94.22* | |
| 04 05 19 13-0039 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 91.33 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.16* | |
| | | *For Stainless Steel, Add* | *96.64* | |
| 04 05 19 13-0040 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 95.35 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.46* | |
| | | *For Stainless Steel, Add* | *97.82* | |
| 04 05 19 13-0041 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 98.33 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.79* | |
| | | *For Stainless Steel, Add* | *99.16* | |
| 04 05 19 13-0042 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 110.82 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.48* | |
| | | *For Stainless Steel, Add* | *117.92* | |

### 04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0044 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 84.68 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.25* | |
| | | *For Stainless Steel, Add* | *108.98* | |
| 04 05 19 13-0045 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 87.84 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.80* | |
| | | *For Stainless Steel, Add* | *111.18* | |
| 04 05 19 13-0046 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 91.98 | |
| | | *For Hot-Dipped Galvanized, Add* | *28.40* | |
| | | *For Stainless Steel, Add* | *113.60* | |
| 04 05 19 13-0047 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 96.62 | |
| | | *For Hot-Dipped Galvanized, Add* | *28.96* | |
| | | *For Stainless Steel, Add* | *115.84* | |
| 04 05 19 13-0048 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 102.11 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.55* | |
| | | *For Stainless Steel, Add* | *118.20* | |
| 04 05 19 13-0049 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 106.17 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.87* | |
| | | *For Stainless Steel, Add* | *119.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0050 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 109.09 | |
| | | *For Hot-Dipped Galvanized, Add* | *30.17* | |
| | | *For Stainless Steel, Add* | *120.66* | |
| 04 05 19 13-0051 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 125.01 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.58* | |
| | | *For Stainless Steel, Add* | *146.32* | |
| 04 05 19 13-0052 | CLF | #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 157.05 | |
| | | *For Hot-Dipped Galvanized, Add* | *51.06* | |
| | | *For Stainless Steel, Add* | *204.22* | |

## 04 05 19 13-0053 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0054 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 95.02 | |
| | | *For Hot-Dipped Galvanized, Add* | *32.42* | |
| | | *For Stainless Steel, Add* | *129.66* | |
| 04 05 19 13-0055 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 99.55 | |
| | | *For Hot-Dipped Galvanized, Add* | *33.52* | |
| | | *For Stainless Steel, Add* | *134.08* | |
| 04 05 19 13-0056 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 104.09 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.63* | |
| | | *For Stainless Steel, Add* | *138.52* | |
| 04 05 19 13-0057 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 110.60 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.95* | |
| | | *For Stainless Steel, Add* | *143.80* | |
| 04 05 19 13-0058 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 117.12 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.27* | |
| | | *For Stainless Steel, Add* | *149.08* | |
| 04 05 19 13-0059 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 122.38 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.97* | |
| | | *For Stainless Steel, Add* | *151.88* | |
| 04 05 19 13-0060 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 125.53 | |
| | | *For Hot-Dipped Galvanized, Add* | *38.58* | |
| | | *For Stainless Steel, Add* | *154.30* | |
| 04 05 19 13-0061 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 131.42 | |
| | | *For Hot-Dipped Galvanized, Add* | *39.78* | |
| | | *For Stainless Steel, Add* | *159.12* | |
| 04 05 19 13-0062 | CLF | #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 170.91 | |
| | | *For Hot-Dipped Galvanized, Add* | *57.98* | |
| | | *For Stainless Steel, Add* | *231.90* | |

## 04 05 19 13-0063 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0064 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 98.58 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.20* | |
| | | *For Stainless Steel, Add* | *136.78* | |
| 04 05 19 13-0065 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 101.60 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.68* | |
| | | *For Stainless Steel, Add* | *138.70* | |
| 04 05 19 13-0066 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 105.62 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.22* | |
| | | *For Stainless Steel, Add* | *140.88* | |
| 04 05 19 13-0067 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 110.38 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.84* | |
| | | *For Stainless Steel, Add* | *143.36* | |
| 04 05 19 13-0068 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 115.89 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.44* | |
| | | *For Stainless Steel, Add* | *145.76* | |
| 04 05 19 13-0069 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 119.91 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.74* | |
| | | *For Stainless Steel, Add* | *146.94* | |
| 04 05 19 13-0070 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 122.90 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.08* | |
| | | *For Stainless Steel, Add* | *148.30* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0071 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 135.38 | |
| | | *For Hot-Dipped Galvanized, Add* | *41.76* | |
| | | *For Stainless Steel, Add* | *167.04* | |
| 04 05 19 13-0072 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 157.26 | |
| | | *For Hot-Dipped Galvanized, Add* | *51.16* | |
| | | *For Stainless Steel, Add* | *204.62* | |

## 04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0074 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 109.25 | |
| | | *For Hot-Dipped Galvanized, Add* | *39.53* | |
| | | *For Stainless Steel, Add* | *158.12* | |
| 04 05 19 13-0075 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 112.40 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.08* | |
| | | *For Stainless Steel, Add* | *160.30* | |
| 04 05 19 13-0076 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 116.54 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.68* | |
| | | *For Stainless Steel, Add* | *162.72* | |
| 04 05 19 13-0077 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 121.18 | |
| | | *For Hot-Dipped Galvanized, Add* | *41.24* | |
| | | *For Stainless Steel, Add* | *164.96* | |
| 04 05 19 13-0078 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 126.67 | |
| | | *For Hot-Dipped Galvanized, Add* | *41.83* | |
| | | *For Stainless Steel, Add* | *167.32* | |
| 04 05 19 13-0079 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 130.74 | |
| | | *For Hot-Dipped Galvanized, Add* | *42.16* | |
| | | *For Stainless Steel, Add* | *168.62* | |
| 04 05 19 13-0080 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 133.66 | |
| | | *For Hot-Dipped Galvanized, Add* | *42.45* | |
| | | *For Stainless Steel, Add* | *169.80* | |
| 04 05 19 13-0081 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 149.58 | |
| | | *For Hot-Dipped Galvanized, Add* | *48.87* | |
| | | *For Stainless Steel, Add* | *195.46* | |
| 04 05 19 13-0082 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 181.61 | |
| | | *For Hot-Dipped Galvanized, Add* | *63.34* | |
| | | *For Stainless Steel, Add* | *253.34* | |

## 04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0084 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 119.58 | |
| | | *For Hot-Dipped Galvanized, Add* | *44.70* | |
| | | *For Stainless Steel, Add* | *178.78* | |
| 04 05 19 13-0085 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 124.12 | |
| | | *For Hot-Dipped Galvanized, Add* | *45.81* | |
| | | *For Stainless Steel, Add* | *183.22* | |
| 04 05 19 13-0086 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 128.66 | |
| | | *For Hot-Dipped Galvanized, Add* | *46.92* | |
| | | *For Stainless Steel, Add* | *187.66* | |
| 04 05 19 13-0087 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 135.17 | |
| | | *For Hot-Dipped Galvanized, Add* | *48.24* | |
| | | *For Stainless Steel, Add* | *192.94* | |
| 04 05 19 13-0088 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 141.68 | |
| | | *For Hot-Dipped Galvanized, Add* | *49.55* | |
| | | *For Stainless Steel, Add* | *198.20* | |
| 04 05 19 13-0089 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 146.95 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.26* | |
| | | *For Stainless Steel, Add* | *201.02* | |
| 04 05 19 13-0090 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 150.10 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.86* | |
| | | *For Stainless Steel, Add* | *203.44* | |
| 04 05 19 13-0091 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 155.99 | |
| | | *For Hot-Dipped Galvanized, Add* | *52.07* | |
| | | *For Stainless Steel, Add* | *208.26* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0092 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 195.48 | |
| | | *For Hot-Dipped Galvanized, Add* | *70.26* | |
| | | *For Stainless Steel, Add* | *281.04* | |

### 04 05 19 13-0093 Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*

### 04 05 19 13-0094 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0095 | CLF | #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 71.91 | |
| | | *For Hot-Dipped Galvanized, Add* | *16.36* | |
| | | *For Stainless Steel, Add* | *65.44* | |
| 04 05 19 13-0096 | CLF | #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 79.27 | |
| | | *For Hot-Dipped Galvanized, Add* | *17.87* | |
| | | *For Stainless Steel, Add* | *71.46* | |
| 04 05 19 13-0097 | CLF | #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 86.28 | |
| | | *For Hot-Dipped Galvanized, Add* | *19.19* | |
| | | *For Stainless Steel, Add* | *76.76* | |
| 04 05 19 13-0098 | CLF | #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 92.15 | |
| | | *For Hot-Dipped Galvanized, Add* | *19.96* | |
| | | *For Stainless Steel, Add* | *79.82* | |
| 04 05 19 13-0099 | CLF | #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 95.76 | |
| | | *For Hot-Dipped Galvanized, Add* | *20.67* | |
| | | *For Stainless Steel, Add* | *82.66* | |
| 04 05 19 13-0100 | CLF | #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 102.82 | |
| | | *For Hot-Dipped Galvanized, Add* | *22.24* | |
| | | *For Stainless Steel, Add* | *88.96* | |
| 04 05 19 13-0101 | CLF | #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 108.90 | |
| | | *For Hot-Dipped Galvanized, Add* | *23.54* | |
| | | *For Stainless Steel, Add* | *94.16* | |

### 04 05 19 13-0102 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0103 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 85.21 | |
| | | *For Hot-Dipped Galvanized, Add* | *23.01* | |
| | | *For Stainless Steel, Add* | *92.04* | |
| 04 05 19 13-0104 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 92.59 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.53* | |
| | | *For Stainless Steel, Add* | *98.10* | |
| 04 05 19 13-0105 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 99.46 | |
| | | *For Hot-Dipped Galvanized, Add* | *25.78* | |
| | | *For Stainless Steel, Add* | *103.12* | |
| 04 05 19 13-0106 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 105.48 | |
| | | *For Hot-Dipped Galvanized, Add* | *26.62* | |
| | | *For Stainless Steel, Add* | *106.48* | |
| 04 05 19 13-0107 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 109.05 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.31* | |
| | | *For Stainless Steel, Add* | *109.24* | |
| 04 05 19 13-0108 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 116.12 | |
| | | *For Hot-Dipped Galvanized, Add* | *28.89* | |
| | | *For Stainless Steel, Add* | *115.56* | |
| 04 05 19 13-0109 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 122.37 | |
| | | *For Hot-Dipped Galvanized, Add* | *30.28* | |
| | | *For Stainless Steel, Add* | *121.10* | |

### 04 05 19 13-0110 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0111 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 91.66 | |
| | | *For Hot-Dipped Galvanized, Add* | *26.24* | |
| | | *For Stainless Steel, Add* | *104.94* | |
| 04 05 19 13-0112 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 100.58 | |
| | | *For Hot-Dipped Galvanized, Add* | *28.52* | |
| | | *For Stainless Steel, Add* | *114.08* | |
| 04 05 19 13-0113 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 109.42 | |
| | | *For Hot-Dipped Galvanized, Add* | *30.76* | |
| | | *For Stainless Steel, Add* | *123.04* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0114 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 116.15 | |
| | | *For Hot-Dipped Galvanized, Add* | *31.96* | |
| | | *For Stainless Steel, Add* | *127.82* | |
| 04 05 19 13-0115 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 120.52 | |
| | | *For Hot-Dipped Galvanized, Add* | *33.05* | |
| | | *For Stainless Steel, Add* | *132.18* | |
| 04 05 19 13-0116 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 129.09 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.38* | |
| | | *For Stainless Steel, Add* | *141.50* | |
| 04 05 19 13-0117 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 137.14 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.66* | |
| | | *For Stainless Steel, Add* | *150.64* | |

### 04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

### 04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0120 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 107.70 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.26* | |
| | | *For Stainless Steel, Add* | *137.02* | |
| 04 05 19 13-0121 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 114.14 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.30* | |
| | | *For Stainless Steel, Add* | *141.20* | |
| 04 05 19 13-0122 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 120.62 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.36* | |
| | | *For Stainless Steel, Add* | *145.44* | |
| 04 05 19 13-0123 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 129.51 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.54* | |
| | | *For Stainless Steel, Add* | *150.16* | |
| 04 05 19 13-0124 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 135.78 | |
| | | *For Hot-Dipped Galvanized, Add* | *38.72* | |
| | | *For Stainless Steel, Add* | *154.88* | |
| 04 05 19 13-0125 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 142.86 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.52* | |
| | | *For Stainless Steel, Add* | *162.08* | |

### 04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0127 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 128.54 | |
| | | *For Hot-Dipped Galvanized, Add* | *44.68* | |
| | | *For Stainless Steel, Add* | *178.70* | |
| 04 05 19 13-0128 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 135.01 | |
| | | *For Hot-Dipped Galvanized, Add* | *45.74* | |
| | | *For Stainless Steel, Add* | *182.94* | |
| 04 05 19 13-0129 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 141.76 | |
| | | *For Hot-Dipped Galvanized, Add* | *46.93* | |
| | | *For Stainless Steel, Add* | *187.72* | |
| 04 05 19 13-0130 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 150.38 | |
| | | *For Hot-Dipped Galvanized, Add* | *47.98* | |
| | | *For Stainless Steel, Add* | *191.90* | |
| 04 05 19 13-0131 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 156.68 | |
| | | *For Hot-Dipped Galvanized, Add* | *49.17* | |
| | | *For Stainless Steel, Add* | *196.68* | |
| 04 05 19 13-0132 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 162.55 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.37* | |
| | | *For Stainless Steel, Add* | *201.46* | |

### 04 05 19 13-0133 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0134 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 130.07 | |
| | | *For Hot-Dipped Galvanized, Add* | *45.44* | |
| | | *For Stainless Steel, Add* | *181.76* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0135 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 137.70 | |
| | | *For Hot-Dipped Galvanized, Add* | *47.08* | |
| | | *For Stainless Steel, Add* | *188.32* | |
| 04 05 19 13-0136 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 145.30 | |
| | | *For Hot-Dipped Galvanized, Add* | *48.70* | |
| | | *For Stainless Steel, Add* | *194.80* | |
| 04 05 19 13-0137 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 155.75 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.66* | |
| | | *For Stainless Steel, Add* | *202.64* | |
| 04 05 19 13-0138 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 163.55 | |
| | | *For Hot-Dipped Galvanized, Add* | *52.61* | |
| | | *For Stainless Steel, Add* | *210.42* | |
| 04 05 19 13-0139 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 170.89 | |
| | | *For Hot-Dipped Galvanized, Add* | *54.54* | |
| | | *For Stainless Steel, Add* | *218.14* | |

### 04 05 19 13-0140 Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

### 04 05 19 13-0141 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0142 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 115.94 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.20* | |
| | | *For Stainless Steel, Add* | *144.80* | |
| 04 05 19 13-0143 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 122.36 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.23* | |
| | | *For Stainless Steel, Add* | *148.92* | |
| 04 05 19 13-0144 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 130.96 | |
| | | *For Hot-Dipped Galvanized, Add* | *38.27* | |
| | | *For Stainless Steel, Add* | *153.06* | |
| 04 05 19 13-0145 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 137.31 | |
| | | *For Hot-Dipped Galvanized, Add* | *39.49* | |
| | | *For Stainless Steel, Add* | *157.94* | |
| 04 05 19 13-0146 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 143.15 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.67* | |
| | | *For Stainless Steel, Add* | *162.66* | |
| 04 05 19 13-0147 | CLF | #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 150.33 | |
| | | *For Hot-Dipped Galvanized, Add* | *43.04* | |
| | | *For Stainless Steel, Add* | *172.16* | |

### 04 05 19 13-0148 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0149 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 136.81 | |
| | | *For Hot-Dipped Galvanized, Add* | *46.64* | |
| | | *For Stainless Steel, Add* | *186.54* | |
| 04 05 19 13-0150 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 143.26 | |
| | | *For Hot-Dipped Galvanized, Add* | *47.68* | |
| | | *For Stainless Steel, Add* | *190.72* | |
| 04 05 19 13-0151 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 152.15 | |
| | | *For Hot-Dipped Galvanized, Add* | *48.86* | |
| | | *For Stainless Steel, Add* | *195.44* | |
| 04 05 19 13-0152 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 158.16 | |
| | | *For Hot-Dipped Galvanized, Add* | *49.91* | |
| | | *For Stainless Steel, Add* | *199.64* | |
| 04 05 19 13-0153 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 164.02 | |
| | | *For Hot-Dipped Galvanized, Add* | *51.10* | |
| | | *For Stainless Steel, Add* | *204.40* | |
| 04 05 19 13-0154 | CLF | #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 171.46 | |
| | | *For Hot-Dipped Galvanized, Add* | *53.61* | |
| | | *For Stainless Steel, Add* | *214.42* | |

### 04 05 19 13-0155 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 04 05 19 13-0156 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | | 138.28 | |
| | | *For Hot-Dipped Galvanized, Add* | | *47.37* | |
| | | *For Stainless Steel, Add* | | *189.48* | |
| 04 05 19 13-0157 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | | 145.92 | |
| | | *For Hot-Dipped Galvanized, Add* | | *49.01* | |
| | | *For Stainless Steel, Add* | | *196.04* | |
| 04 05 19 13-0158 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | | 155.75 | |
| | | *For Hot-Dipped Galvanized, Add* | | *50.66* | |
| | | *For Stainless Steel, Add* | | *202.64* | |
| 04 05 19 13-0159 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | | 163.55 | |
| | | *For Hot-Dipped Galvanized, Add* | | *52.61* | |
| | | *For Stainless Steel, Add* | | *210.42* | |
| 04 05 19 13-0160 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | | 170.89 | |
| | | *For Hot-Dipped Galvanized, Add* | | *54.54* | |
| | | *For Stainless Steel, Add* | | *218.14* | |
| 04 05 19 13-0161 | CLF | #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | | 178.86 | |
| | | *For Hot-Dipped Galvanized, Add* | | *57.31* | |
| | | *For Stainless Steel, Add* | | *229.22* | |

### 04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

### 04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

| | | | | | |
|---|---|---|---|---|---|
| 04 05 19 13-0164 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 109.07 | |
| | | *For Hot-Dipped Galvanized, Add* | | *32.77* | |
| | | *For Stainless Steel, Add* | | *131.06* | |
| | | *For Seismic Hook And Eye, Add* | | *14.09* | |
| 04 05 19 13-0165 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 115.14 | |
| | | *For Hot-Dipped Galvanized, Add* | | *33.62* | |
| | | *For Stainless Steel, Add* | | *134.48* | |
| | | *For Seismic Hook And Eye, Add* | | *14.46* | |
| 04 05 19 13-0166 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 123.50 | |
| | | *For Hot-Dipped Galvanized, Add* | | *34.54* | |
| | | *For Stainless Steel, Add* | | *138.14* | |
| | | *For Seismic Hook And Eye, Add* | | *14.85* | |
| 04 05 19 13-0167 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 129.35 | |
| | | *For Hot-Dipped Galvanized, Add* | | *35.51* | |
| | | *For Stainless Steel, Add* | | *142.02* | |
| | | *For Seismic Hook And Eye, Add* | | *15.27* | |
| 04 05 19 13-0168 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 134.87 | |
| | | *For Hot-Dipped Galvanized, Add* | | *36.53* | |
| | | *For Stainless Steel, Add* | | *146.10* | |
| | | *For Seismic Hook And Eye, Add* | | *15.71* | |
| 04 05 19 13-0169 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 139.13 | |
| | | *For Hot-Dipped Galvanized, Add* | | *37.44* | |
| | | *For Stainless Steel, Add* | | *149.76* | |
| | | *For Seismic Hook And Eye, Add* | | *16.10* | |

### 04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

| | | | | | |
|---|---|---|---|---|---|
| 04 05 19 13-0171 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 128.65 | |
| | | *For Hot-Dipped Galvanized, Add* | | *42.56* | |
| | | *For Stainless Steel, Add* | | *170.22* | |
| | | *For Seismic Hook And Eye, Add* | | *18.30* | |
| 04 05 19 13-0172 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 134.33 | |
| | | *For Hot-Dipped Galvanized, Add* | | *43.22* | |
| | | *For Stainless Steel, Add* | | *172.86* | |
| | | *For Seismic Hook And Eye, Add* | | *18.58* | |
| 04 05 19 13-0173 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 142.75 | |
| | | *For Hot-Dipped Galvanized, Add* | | *44.16* | |
| | | *For Stainless Steel, Add* | | *176.64* | |
| | | *For Seismic Hook And Eye, Add* | | *18.99* | |
| 04 05 19 13-0174 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | | 148.49 | |
| | | *For Hot-Dipped Galvanized, Add* | | *45.08* | |
| | | *For Stainless Steel, Add* | | *180.30* | |
| | | *For Seismic Hook And Eye, Add* | | *19.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0175 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 153.79 | |
| | | *For Hot-Dipped Galvanized, Add* | *45.99* | |
| | | *For Stainless Steel, Add* | *183.94* | |
| | | *For Seismic Hook And Eye, Add* | *19.77* | |
| 04 05 19 13-0176 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 160.17 | |
| | | *For Hot-Dipped Galvanized, Add* | *47.96* | |
| | | *For Stainless Steel, Add* | *191.84* | |
| | | *For Seismic Hook And Eye, Add* | *20.62* | |

### 04 05 19 13-0177 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0178 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 130.09 | |
| | | *For Hot-Dipped Galvanized, Add* | *43.28* | |
| | | *For Stainless Steel, Add* | *173.10* | |
| | | *For Seismic Hook And Eye, Add* | *18.61* | |
| 04 05 19 13-0179 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 137.57 | |
| | | *For Hot-Dipped Galvanized, Add* | *44.84* | |
| | | *For Stainless Steel, Add* | *179.34* | |
| | | *For Seismic Hook And Eye, Add* | *19.28* | |
| 04 05 19 13-0180 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 147.20 | |
| | | *For Hot-Dipped Galvanized, Add* | *46.39* | |
| | | *For Stainless Steel, Add* | *185.54* | |
| | | *For Seismic Hook And Eye, Add* | *19.95* | |
| 04 05 19 13-0181 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 154.82 | |
| | | *For Hot-Dipped Galvanized, Add* | *48.24* | |
| | | *For Stainless Steel, Add* | *192.96* | |
| | | *For Seismic Hook And Eye, Add* | *20.74* | |
| 04 05 19 13-0182 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 162.02 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.10* | |
| | | *For Stainless Steel, Add* | *200.40* | |
| | | *For Seismic Hook And Eye, Add* | *21.54* | |
| 04 05 19 13-0183 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 168.13 | |
| | | *For Hot-Dipped Galvanized, Add* | *51.94* | |
| | | *For Stainless Steel, Add* | *207.76* | |
| | | *For Seismic Hook And Eye, Add* | *22.33* | |

### 04 05 19 13-0184 Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

### 04 05 19 13-0185 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0186 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 117.32 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.71* | |
| | | *For Stainless Steel, Add* | *138.84* | |
| | | *For Seismic Hook And Eye, Add* | *14.93* | |
| 04 05 19 13-0187 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 125.53 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.55* | |
| | | *For Stainless Steel, Add* | *142.20* | |
| | | *For Seismic Hook And Eye, Add* | *15.29* | |
| 04 05 19 13-0188 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 131.12 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.39* | |
| | | *For Stainless Steel, Add* | *145.56* | |
| | | *For Seismic Hook And Eye, Add* | *15.65* | |
| 04 05 19 13-0189 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 136.76 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.47* | |
| | | *For Stainless Steel, Add* | *149.88* | |
| | | *For Seismic Hook And Eye, Add* | *16.11* | |
| 04 05 19 13-0190 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 141.13 | |
| | | *For Hot-Dipped Galvanized, Add* | *38.44* | |
| | | *For Stainless Steel, Add* | *153.76* | |
| | | *For Seismic Hook And Eye, Add* | *16.53* | |

### 04 05 19 13-0191 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0192 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 136.19 | |
| | | *For Hot-Dipped Galvanized, Add* | *44.15* | |
| | | *For Stainless Steel, Add* | *176.58* | |
| | | *For Seismic Hook And Eye, Add* | *18.98* | |

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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 04 05 19 13-0193 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 144.55 | |
| | | *For Hot-Dipped Galvanized, Add* | | *45.06* | |
| | | *For Stainless Steel, Add* | | *180.24* | |
| | | *For Seismic Hook And Eye, Add* | | *19.38* | |
| 04 05 19 13-0194 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 150.40 | |
| | | *For Hot-Dipped Galvanized, Add* | | *46.03* | |
| | | *For Stainless Steel, Add* | | *184.12* | |
| | | *For Seismic Hook And Eye, Add* | | *19.79* | |
| 04 05 19 13-0195 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 155.44 | |
| | | *For Hot-Dipped Galvanized, Add* | | *46.81* | |
| | | *For Stainless Steel, Add* | | *187.24* | |
| | | *For Seismic Hook And Eye, Add* | | *20.13* | |
| 04 05 19 13-0196 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 160.00 | |
| | | *For Hot-Dipped Galvanized, Add* | | *47.88* | |
| | | *For Stainless Steel, Add* | | *191.50* | |
| | | *For Seismic Hook And Eye, Add* | | *20.59* | |

### 04 05 19 13-0197 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

| | | | | | |
|---|---|---|---|---|---|
| 04 05 19 13-0198 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 138.13 | |
| | | *For Hot-Dipped Galvanized, Add* | | *45.12* | |
| | | *For Stainless Steel, Add* | | *180.46* | |
| | | *For Seismic Hook And Eye, Add* | | *19.40* | |
| 04 05 19 13-0199 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 147.79 | |
| | | *For Hot-Dipped Galvanized, Add* | | *46.68* | |
| | | *For Stainless Steel, Add* | | *186.72* | |
| | | *For Seismic Hook And Eye, Add* | | *20.07* | |
| 04 05 19 13-0200 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 154.82 | |
| | | *For Hot-Dipped Galvanized, Add* | | *48.24* | |
| | | *For Stainless Steel, Add* | | *192.96* | |
| | | *For Seismic Hook And Eye, Add* | | *20.74* | |
| 04 05 19 13-0201 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 162.02 | |
| | | *For Hot-Dipped Galvanized, Add* | | *50.10* | |
| | | *For Stainless Steel, Add* | | *200.40* | |
| | | *For Seismic Hook And Eye, Add* | | *21.54* | |
| 04 05 19 13-0202 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | | 168.13 | |
| | | *For Hot-Dipped Galvanized, Add* | | *51.94* | |
| | | *For Stainless Steel, Add* | | *207.76* | |
| | | *For Seismic Hook And Eye, Add* | | *22.33* | |

### 04 05 19 13-0203 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

### 04 05 19 13-0204 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0203)*

### 04 05 19 13-0205 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

| | | | | | |
|---|---|---|---|---|---|
| 04 05 19 13-0206 | CLF | #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | | 57.48 | |
| | | *For Hot-Dipped Galvanized, Add* | | *13.65* | |
| | | *For Stainless Steel, Add* | | *54.60* | |
| 04 05 19 13-0207 | CLF | #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | | 59.84 | |
| | | *For Hot-Dipped Galvanized, Add* | | *13.80* | |
| | | *For Stainless Steel, Add* | | *55.18* | |
| 04 05 19 13-0208 | CLF | #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | | 63.86 | |
| | | *For Hot-Dipped Galvanized, Add* | | *14.34* | |
| | | *For Stainless Steel, Add* | | *57.36* | |
| 04 05 19 13-0209 | CLF | #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | | 68.80 | |
| | | *For Hot-Dipped Galvanized, Add* | | *15.05* | |
| | | *For Stainless Steel, Add* | | *60.20* | |
| 04 05 19 13-0210 | CLF | #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | | 74.69 | |
| | | *For Hot-Dipped Galvanized, Add* | | *15.85* | |
| | | *For Stainless Steel, Add* | | *63.38* | |
| 04 05 19 13-0211 | CLF | #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | | 78.98 | |
| | | *For Hot-Dipped Galvanized, Add* | | *16.27* | |
| | | *For Stainless Steel, Add* | | *65.08* | |
| 04 05 19 13-0212 | CLF | #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | | 82.16 | |
| | | *For Hot-Dipped Galvanized, Add* | | *16.89* | |
| | | *For Stainless Steel, Add* | | *67.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0213 | CLF | #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 99.31 | |
| | | *For Hot-Dipped Galvanized, Add* | *23.73* | |
| | | *For Stainless Steel, Add* | *94.92* | |
| 04 05 19 13-0214 | CLF | #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 105.11 | |
| | | *For Hot-Dipped Galvanized, Add* | *25.09* | |
| | | *For Stainless Steel, Add* | *100.34* | |
| 04 05 19 13-0215 | CLF | #20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 145.61 | |
| | | *For Hot-Dipped Galvanized, Add* | *43.40* | |
| | | *For Stainless Steel, Add* | *173.58* | |

### 04 05 19 13-0216 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0217 | CLF | #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 68.04 | |
| | | *For Hot-Dipped Galvanized, Add* | *18.93* | |
| | | *For Stainless Steel, Add* | *75.70* | |
| 04 05 19 13-0218 | CLF | #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 70.63 | |
| | | *For Hot-Dipped Galvanized, Add* | *19.19* | |
| | | *For Stainless Steel, Add* | *76.76* | |
| 04 05 19 13-0219 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 74.65 | |
| | | *For Hot-Dipped Galvanized, Add* | *19.74* | |
| | | *For Stainless Steel, Add* | *78.94* | |
| 04 05 19 13-0220 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 79.56 | |
| | | *For Hot-Dipped Galvanized, Add* | *20.43* | |
| | | *For Stainless Steel, Add* | *81.72* | |
| 04 05 19 13-0221 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 85.30 | |
| | | *For Hot-Dipped Galvanized, Add* | *21.15* | |
| | | *For Stainless Steel, Add* | *84.60* | |
| 04 05 19 13-0222 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 89.73 | |
| | | *For Hot-Dipped Galvanized, Add* | *21.65* | |
| | | *For Stainless Steel, Add* | *86.60* | |
| 04 05 19 13-0223 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 92.75 | |
| | | *For Hot-Dipped Galvanized, Add* | *22.19* | |
| | | *For Stainless Steel, Add* | *88.74* | |
| 04 05 19 13-0224 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 113.52 | |
| | | *For Hot-Dipped Galvanized, Add* | *30.84* | |
| | | *For Stainless Steel, Add* | *123.34* | |
| 04 05 19 13-0225 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 119.32 | |
| | | *For Hot-Dipped Galvanized, Add* | *32.19* | |
| | | *For Stainless Steel, Add* | *128.76* | |
| 04 05 19 13-0226 | CLF | #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 176.57 | |
| | | *For Hot-Dipped Galvanized, Add* | *60.82* | |
| | | *For Stainless Steel, Add* | *243.26* | |

### 04 05 19 13-0227 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0228 | CLF | #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 84.20 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.01* | |
| | | *For Stainless Steel, Add* | *108.02* | |
| 04 05 19 13-0229 | CLF | #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 87.19 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.34* | |
| | | *For Stainless Steel, Add* | *109.36* | |
| 04 05 19 13-0230 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 91.52 | |
| | | *For Hot-Dipped Galvanized, Add* | *28.35* | |
| | | *For Stainless Steel, Add* | *113.38* | |
| 04 05 19 13-0231 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 98.13 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.72* | |
| | | *For Stainless Steel, Add* | *118.86* | |
| 04 05 19 13-0232 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 105.43 | |
| | | *For Hot-Dipped Galvanized, Add* | *31.43* | |
| | | *For Stainless Steel, Add* | *125.70* | |
| 04 05 19 13-0233 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 110.85 | |
| | | *For Hot-Dipped Galvanized, Add* | *32.21* | |
| | | *For Stainless Steel, Add* | *128.82* | |
| 04 05 19 13-0234 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 115.12 | |
| | | *For Hot-Dipped Galvanized, Add* | *33.37* | |
| | | *For Stainless Steel, Add* | *133.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0235 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 145.54 | |
| | | *For Hot-Dipped Galvanized, Add* | *46.84* | |
| | | *For Stainless Steel, Add* | *187.36* | |
| 04 05 19 13-0236 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 153.95 | |
| | | *For Hot-Dipped Galvanized, Add* | *49.50* | |
| | | *For Stainless Steel, Add* | *197.98* | |
| 04 05 19 13-0237 | CLF | #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 229.97 | |
| | | *For Hot-Dipped Galvanized, Add* | *85.58* | |
| | | *For Stainless Steel, Add* | *342.30* | |

## 04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0239 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 74.02 | |
| | | *For Hot-Dipped Galvanized, Add* | *21.92* | |
| | | *For Stainless Steel, Add* | *87.66* | |
| 04 05 19 13-0240 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 77.03 | |
| | | *For Hot-Dipped Galvanized, Add* | *22.39* | |
| | | *For Stainless Steel, Add* | *89.56* | |
| 04 05 19 13-0241 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 81.05 | |
| | | *For Hot-Dipped Galvanized, Add* | *22.94* | |
| | | *For Stainless Steel, Add* | *91.74* | |
| 04 05 19 13-0242 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 85.81 | |
| | | *For Hot-Dipped Galvanized, Add* | *23.56* | |
| | | *For Stainless Steel, Add* | *94.22* | |
| 04 05 19 13-0243 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 91.33 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.16* | |
| | | *For Stainless Steel, Add* | *96.64* | |
| 04 05 19 13-0244 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 95.35 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.46* | |
| | | *For Stainless Steel, Add* | *97.82* | |
| 04 05 19 13-0245 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 98.33 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.79* | |
| | | *For Stainless Steel, Add* | *99.16* | |
| 04 05 19 13-0246 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 110.82 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.48* | |
| | | *For Stainless Steel, Add* | *117.92* | |

## 04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0248 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 84.68 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.25* | |
| | | *For Stainless Steel, Add* | *108.98* | |
| 04 05 19 13-0249 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 87.84 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.80* | |
| | | *For Stainless Steel, Add* | *111.18* | |
| 04 05 19 13-0250 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 91.98 | |
| | | *For Hot-Dipped Galvanized, Add* | *28.40* | |
| | | *For Stainless Steel, Add* | *113.60* | |
| 04 05 19 13-0251 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 96.62 | |
| | | *For Hot-Dipped Galvanized, Add* | *28.96* | |
| | | *For Stainless Steel, Add* | *115.84* | |
| 04 05 19 13-0252 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 102.11 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.55* | |
| | | *For Stainless Steel, Add* | *118.20* | |
| 04 05 19 13-0253 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 106.17 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.87* | |
| | | *For Stainless Steel, Add* | *119.48* | |
| 04 05 19 13-0254 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 109.09 | |
| | | *For Hot-Dipped Galvanized, Add* | *30.17* | |
| | | *For Stainless Steel, Add* | *120.66* | |
| 04 05 19 13-0255 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 125.01 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.58* | |
| | | *For Stainless Steel, Add* | *146.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0256 | CLF | #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 157.05 | |
| | | *For Hot-Dipped Galvanized, Add* | *51.06* | |
| | | *For Stainless Steel, Add* | *204.22* | |

## 04 05 19 13-0257 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0258 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 95.02 | |
| | | *For Hot-Dipped Galvanized, Add* | *32.42* | |
| | | *For Stainless Steel, Add* | *129.66* | |
| 04 05 19 13-0259 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 99.55 | |
| | | *For Hot-Dipped Galvanized, Add* | *33.52* | |
| | | *For Stainless Steel, Add* | *134.08* | |
| 04 05 19 13-0260 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 104.09 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.63* | |
| | | *For Stainless Steel, Add* | *138.52* | |
| 04 05 19 13-0261 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 110.60 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.95* | |
| | | *For Stainless Steel, Add* | *143.80* | |
| 04 05 19 13-0262 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 117.12 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.27* | |
| | | *For Stainless Steel, Add* | *149.08* | |
| 04 05 19 13-0263 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 122.38 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.97* | |
| | | *For Stainless Steel, Add* | *151.88* | |
| 04 05 19 13-0264 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 125.53 | |
| | | *For Hot-Dipped Galvanized, Add* | *38.58* | |
| | | *For Stainless Steel, Add* | *154.30* | |
| 04 05 19 13-0265 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 131.42 | |
| | | *For Hot-Dipped Galvanized, Add* | *39.78* | |
| | | *For Stainless Steel, Add* | *159.12* | |
| 04 05 19 13-0266 | CLF | #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 170.91 | |
| | | *For Hot-Dipped Galvanized, Add* | *57.98* | |
| | | *For Stainless Steel, Add* | *231.90* | |

## 04 05 19 13-0267 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0268 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 98.58 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.20* | |
| | | *For Stainless Steel, Add* | *136.78* | |
| 04 05 19 13-0269 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 101.60 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.68* | |
| | | *For Stainless Steel, Add* | *138.70* | |
| 04 05 19 13-0270 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 105.62 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.22* | |
| | | *For Stainless Steel, Add* | *140.88* | |
| 04 05 19 13-0271 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 110.38 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.84* | |
| | | *For Stainless Steel, Add* | *143.36* | |
| 04 05 19 13-0272 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 115.89 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.44* | |
| | | *For Stainless Steel, Add* | *145.76* | |
| 04 05 19 13-0273 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 119.91 | |
| | | *For Hot-Dipped Galvanized, Add* | *36.74* | |
| | | *For Stainless Steel, Add* | *146.94* | |
| 04 05 19 13-0274 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 122.90 | |
| | | *For Hot-Dipped Galvanized, Add* | *37.08* | |
| | | *For Stainless Steel, Add* | *148.30* | |
| 04 05 19 13-0275 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 135.38 | |
| | | *For Hot-Dipped Galvanized, Add* | *41.76* | |
| | | *For Stainless Steel, Add* | *167.04* | |
| 04 05 19 13-0276 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 157.26 | |
| | | *For Hot-Dipped Galvanized, Add* | *51.16* | |
| | | *For Stainless Steel, Add* | *204.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0277 | | Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)* | | |
| 04 05 19 13-0278 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 109.25 | |
| | | *For Hot-Dipped Galvanized, Add* | *39.53* | |
| | | *For Stainless Steel, Add* | *158.12* | |
| 04 05 19 13-0279 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 112.40 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.08* | |
| | | *For Stainless Steel, Add* | *160.30* | |
| 04 05 19 13-0280 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 116.54 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.68* | |
| | | *For Stainless Steel, Add* | *162.72* | |
| 04 05 19 13-0281 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 121.18 | |
| | | *For Hot-Dipped Galvanized, Add* | *41.24* | |
| | | *For Stainless Steel, Add* | *164.96* | |
| 04 05 19 13-0282 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 126.67 | |
| | | *For Hot-Dipped Galvanized, Add* | *41.83* | |
| | | *For Stainless Steel, Add* | *167.32* | |
| 04 05 19 13-0283 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 130.74 | |
| | | *For Hot-Dipped Galvanized, Add* | *42.16* | |
| | | *For Stainless Steel, Add* | *168.62* | |
| 04 05 19 13-0284 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 133.66 | |
| | | *For Hot-Dipped Galvanized, Add* | *42.45* | |
| | | *For Stainless Steel, Add* | *169.80* | |
| 04 05 19 13-0285 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 149.58 | |
| | | *For Hot-Dipped Galvanized, Add* | *48.87* | |
| | | *For Stainless Steel, Add* | *195.46* | |
| 04 05 19 13-0286 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 181.61 | |
| | | *For Hot-Dipped Galvanized, Add* | *63.34* | |
| | | *For Stainless Steel, Add* | *253.34* | |
| 04 05 19 13-0287 | | Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)* | | |
| 04 05 19 13-0288 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 119.58 | |
| | | *For Hot-Dipped Galvanized, Add* | *44.70* | |
| | | *For Stainless Steel, Add* | *178.78* | |
| 04 05 19 13-0289 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 124.12 | |
| | | *For Hot-Dipped Galvanized, Add* | *45.81* | |
| | | *For Stainless Steel, Add* | *183.22* | |
| 04 05 19 13-0290 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 128.66 | |
| | | *For Hot-Dipped Galvanized, Add* | *46.92* | |
| | | *For Stainless Steel, Add* | *187.66* | |
| 04 05 19 13-0291 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 135.17 | |
| | | *For Hot-Dipped Galvanized, Add* | *48.24* | |
| | | *For Stainless Steel, Add* | *192.94* | |
| 04 05 19 13-0292 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 141.68 | |
| | | *For Hot-Dipped Galvanized, Add* | *49.55* | |
| | | *For Stainless Steel, Add* | *198.20* | |
| 04 05 19 13-0293 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 146.95 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.26* | |
| | | *For Stainless Steel, Add* | *201.02* | |
| 04 05 19 13-0294 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 150.10 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.86* | |
| | | *For Stainless Steel, Add* | *203.44* | |
| 04 05 19 13-0295 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 155.99 | |
| | | *For Hot-Dipped Galvanized, Add* | *52.07* | |
| | | *For Stainless Steel, Add* | *208.26* | |
| 04 05 19 13-0296 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement | 195.48 | |
| | | *For Hot-Dipped Galvanized, Add* | *70.26* | |
| | | *For Stainless Steel, Add* | *281.04* | |
| 04 05 19 13-0297 | | Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0203)* | | |
| 04 05 19 13-0298 | | 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0299 | CLF | #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 81.96 | |
| | | *For Hot-Dipped Galvanized, Add* | *21.39* | |
| | | *For Stainless Steel, Add* | *85.54* | |
| 04 05 19 13-0300 | CLF | #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 88.38 | |
| | | *For Hot-Dipped Galvanized, Add* | *22.42* | |
| | | *For Stainless Steel, Add* | *89.68* | |
| 04 05 19 13-0301 | CLF | #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 95.36 | |
| | | *For Hot-Dipped Galvanized, Add* | *23.73* | |
| | | *For Stainless Steel, Add* | *94.92* | |
| 04 05 19 13-0302 | CLF | #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 101.50 | |
| | | *For Hot-Dipped Galvanized, Add* | *24.63* | |
| | | *For Stainless Steel, Add* | *98.52* | |
| 04 05 19 13-0303 | CLF | #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 105.19 | |
| | | *For Hot-Dipped Galvanized, Add* | *25.38* | |
| | | *For Stainless Steel, Add* | *101.52* | |
| 04 05 19 13-0304 | CLF | #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 112.73 | |
| | | *For Hot-Dipped Galvanized, Add* | *27.20* | |
| | | *For Stainless Steel, Add* | *108.78* | |
| 04 05 19 13-0305 | CLF | #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 119.83 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.01* | |
| | | *For Stainless Steel, Add* | *116.02* | |

### 04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0307 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 95.29 | |
| | | *For Hot-Dipped Galvanized, Add* | *28.05* | |
| | | *For Stainless Steel, Add* | *112.20* | |
| 04 05 19 13-0308 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 101.73 | |
| | | *For Hot-Dipped Galvanized, Add* | *29.10* | |
| | | *For Stainless Steel, Add* | *116.38* | |
| 04 05 19 13-0309 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 108.66 | |
| | | *For Hot-Dipped Galvanized, Add* | *30.38* | |
| | | *For Stainless Steel, Add* | *121.52* | |
| 04 05 19 13-0310 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 114.82 | |
| | | *For Hot-Dipped Galvanized, Add* | *31.29* | |
| | | *For Stainless Steel, Add* | *125.16* | |
| 04 05 19 13-0311 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 118.43 | |
| | | *For Hot-Dipped Galvanized, Add* | *32.00* | |
| | | *For Stainless Steel, Add* | *128.00* | |
| 04 05 19 13-0312 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 125.99 | |
| | | *For Hot-Dipped Galvanized, Add* | *33.83* | |
| | | *For Stainless Steel, Add* | *135.30* | |
| 04 05 19 13-0313 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 133.16 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.67* | |
| | | *For Stainless Steel, Add* | *142.68* | |

### 04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0315 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 107.64 | |
| | | *For Hot-Dipped Galvanized, Add* | *34.23* | |
| | | *For Stainless Steel, Add* | *136.90* | |
| 04 05 19 13-0316 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 115.23 | |
| | | *For Hot-Dipped Galvanized, Add* | *35.85* | |
| | | *For Stainless Steel, Add* | *143.38* | |
| 04 05 19 13-0317 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 124.04 | |
| | | *For Hot-Dipped Galvanized, Add* | *38.07* | |
| | | *For Stainless Steel, Add* | *152.28* | |
| 04 05 19 13-0318 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 130.80 | |
| | | *For Hot-Dipped Galvanized, Add* | *39.28* | |
| | | *For Stainless Steel, Add* | *157.12* | |
| 04 05 19 13-0319 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 135.41 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.49* | |
| | | *For Stainless Steel, Add* | *161.96* | |

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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 04 05 19 13-0320 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | | 144.77 | |
| | | *For Hot-Dipped Galvanized, Add* | | *43.22* | |
| | | *For Stainless Steel, Add* | | *172.86* | |
| 04 05 19 13-0321 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | | 152.76 | |
| | | *For Hot-Dipped Galvanized, Add* | | *45.47* | |
| | | *For Stainless Steel, Add* | | *181.88* | |

### 04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

### 04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

| | | | | | |
|---|---|---|---|---|---|
| 04 05 19 13-0324 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 123.50 | |
| | | *For Hot-Dipped Galvanized, Add* | | *42.16* | |
| | | *For Stainless Steel, Add* | | *168.62* | |
| 04 05 19 13-0325 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 128.44 | |
| | | *For Hot-Dipped Galvanized, Add* | | *42.45* | |
| | | *For Stainless Steel, Add* | | *169.80* | |
| 04 05 19 13-0326 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 134.86 | |
| | | *For Hot-Dipped Galvanized, Add* | | *43.48* | |
| | | *For Stainless Steel, Add* | | *173.92* | |
| 04 05 19 13-0327 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 144.13 | |
| | | *For Hot-Dipped Galvanized, Add* | | *44.85* | |
| | | *For Stainless Steel, Add* | | *179.40* | |
| 04 05 19 13-0328 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 151.29 | |
| | | *For Hot-Dipped Galvanized, Add* | | *46.48* | |
| | | *For Stainless Steel, Add* | | *185.90* | |
| 04 05 19 13-0329 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 158.72 | |
| | | *For Hot-Dipped Galvanized, Add* | | *48.45* | |
| | | *For Stainless Steel, Add* | | *193.80* | |

### 04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

| | | | | | |
|---|---|---|---|---|---|
| 04 05 19 13-0331 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 144.10 | |
| | | *For Hot-Dipped Galvanized, Add* | | *52.46* | |
| | | *For Stainless Steel, Add* | | *209.82* | |
| 04 05 19 13-0332 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 149.34 | |
| | | *For Hot-Dipped Galvanized, Add* | | *52.90* | |
| | | *For Stainless Steel, Add* | | *211.60* | |
| 04 05 19 13-0333 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 155.76 | |
| | | *For Hot-Dipped Galvanized, Add* | | *53.93* | |
| | | *For Stainless Steel, Add* | | *215.72* | |
| 04 05 19 13-0334 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 164.98 | |
| | | *For Hot-Dipped Galvanized, Add* | | *55.28* | |
| | | *For Stainless Steel, Add* | | *221.10* | |
| 04 05 19 13-0335 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 171.86 | |
| | | *For Hot-Dipped Galvanized, Add* | | *56.76* | |
| | | *For Stainless Steel, Add* | | *227.04* | |
| 04 05 19 13-0336 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 178.35 | |
| | | *For Hot-Dipped Galvanized, Add* | | *58.27* | |
| | | *For Stainless Steel, Add* | | *233.06* | |

### 04 05 19 13-0337 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

| | | | | | |
|---|---|---|---|---|---|
| 04 05 19 13-0338 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 155.40 | |
| | | *For Hot-Dipped Galvanized, Add* | | *58.11* | |
| | | *For Stainless Steel, Add* | | *232.42* | |
| 04 05 19 13-0339 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 160.63 | |
| | | *For Hot-Dipped Galvanized, Add* | | *58.55* | |
| | | *For Stainless Steel, Add* | | *234.18* | |
| 04 05 19 13-0340 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | | 168.23 | |
| | | *For Hot-Dipped Galvanized, Add* | | *60.17* | |
| | | *For Stainless Steel, Add* | | *240.66* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0341 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 179.01 | |
| | | *For Hot-Dipped Galvanized, Add* | *62.29* | |
| | | *For Stainless Steel, Add* | *249.16* | |
| 04 05 19 13-0342 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 188.28 | |
| | | *For Hot-Dipped Galvanized, Add* | *64.97* | |
| | | *For Stainless Steel, Add* | *259.88* | |
| 04 05 19 13-0343 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 197.72 | |
| | | *For Hot-Dipped Galvanized, Add* | *67.95* | |
| | | *For Stainless Steel, Add* | *271.80* | |

### 04 05 19 13-0344 Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

### 04 05 19 13-0345 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0346 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 131.77 | |
| | | *For Hot-Dipped Galvanized, Add* | *44.12* | |
| | | *For Stainless Steel, Add* | *176.46* | |
| 04 05 19 13-0347 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 136.75 | |
| | | *For Hot-Dipped Galvanized, Add* | *44.43* | |
| | | *For Stainless Steel, Add* | *177.70* | |
| 04 05 19 13-0348 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 145.28 | |
| | | *For Hot-Dipped Galvanized, Add* | *45.43* | |
| | | *For Stainless Steel, Add* | *181.70* | |
| 04 05 19 13-0349 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 151.91 | |
| | | *For Hot-Dipped Galvanized, Add* | *46.79* | |
| | | *For Stainless Steel, Add* | *187.14* | |
| 04 05 19 13-0350 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 158.69 | |
| | | *For Hot-Dipped Galvanized, Add* | *48.44* | |
| | | *For Stainless Steel, Add* | *193.74* | |
| 04 05 19 13-0351 | CLF | #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 164.48 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.12* | |
| | | *For Stainless Steel, Add* | *200.46* | |

### 04 05 19 13-0352 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0353 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 152.32 | |
| | | *For Hot-Dipped Galvanized, Add* | *54.39* | |
| | | *For Stainless Steel, Add* | *217.56* | |
| 04 05 19 13-0354 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 157.56 | |
| | | *For Hot-Dipped Galvanized, Add* | *54.83* | |
| | | *For Stainless Steel, Add* | *219.32* | |
| 04 05 19 13-0355 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 166.15 | |
| | | *For Hot-Dipped Galvanized, Add* | *55.86* | |
| | | *For Stainless Steel, Add* | *223.44* | |
| 04 05 19 13-0356 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 172.78 | |
| | | *For Hot-Dipped Galvanized, Add* | *57.22* | |
| | | *For Stainless Steel, Add* | *228.88* | |
| 04 05 19 13-0357 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 179.23 | |
| | | *For Hot-Dipped Galvanized, Add* | *58.71* | |
| | | *For Stainless Steel, Add* | *234.82* | |
| 04 05 19 13-0358 | CLF | #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 185.20 | |
| | | *For Hot-Dipped Galvanized, Add* | *60.48* | |
| | | *For Stainless Steel, Add* | *241.90* | |

### 04 05 19 13-0359 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0360 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 163.64 | |
| | | *For Hot-Dipped Galvanized, Add* | *60.05* | |
| | | *For Stainless Steel, Add* | *240.20* | |
| 04 05 19 13-0361 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 168.85 | |
| | | *For Hot-Dipped Galvanized, Add* | *60.48* | |
| | | *For Stainless Steel, Add* | *241.90* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0362 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 178.68 | |
| | | *For Hot-Dipped Galvanized, Add* | *62.13* | |
| | | *For Stainless Steel, Add* | *248.50* | |
| 04 05 19 13-0363 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 186.81 | |
| | | *For Hot-Dipped Galvanized, Add* | *64.24* | |
| | | *For Stainless Steel, Add* | *256.94* | |
| 04 05 19 13-0364 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 195.62 | |
| | | *For Hot-Dipped Galvanized, Add* | *66.90* | |
| | | *For Stainless Steel, Add* | *267.60* | |
| 04 05 19 13-0365 | CLF | #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement | 202.12 | |
| | | *For Hot-Dipped Galvanized, Add* | *68.94* | |
| | | *For Stainless Steel, Add* | *275.74* | |

### 04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

### 04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0368 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 123.84 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.15* | |
| | | *For Stainless Steel, Add* | *160.60* | |
| | | *For Seismic Hook And Eye, Add* | *17.26* | |
| 04 05 19 13-0369 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 128.76 | |
| | | *For Hot-Dipped Galvanized, Add* | *40.43* | |
| | | *For Stainless Steel, Add* | *161.72* | |
| | | *For Seismic Hook And Eye, Add* | *17.38* | |
| 04 05 19 13-0370 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 137.03 | |
| | | *For Hot-Dipped Galvanized, Add* | *41.30* | |
| | | *For Stainless Steel, Add* | *165.20* | |
| | | *For Seismic Hook And Eye, Add* | *17.76* | |
| 04 05 19 13-0371 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 143.45 | |
| | | *For Hot-Dipped Galvanized, Add* | *42.56* | |
| | | *For Stainless Steel, Add* | *170.22* | |
| | | *For Seismic Hook And Eye, Add* | *18.30* | |
| 04 05 19 13-0372 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 149.52 | |
| | | *For Hot-Dipped Galvanized, Add* | *43.85* | |
| | | *For Stainless Steel, Add* | *175.40* | |
| | | *For Seismic Hook And Eye, Add* | *18.86* | |
| 04 05 19 13-0373 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 155.13 | |
| | | *For Hot-Dipped Galvanized, Add* | *45.44* | |
| | | *For Stainless Steel, Add* | *181.76* | |
| | | *For Seismic Hook And Eye, Add* | *19.54* | |

### 04 05 19 13-0374 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0375 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 142.77 | |
| | | *For Hot-Dipped Galvanized, Add* | *49.62* | |
| | | *For Stainless Steel, Add* | *198.46* | |
| | | *For Seismic Hook And Eye, Add* | *21.33* | |
| 04 05 19 13-0376 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 147.89 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.00* | |
| | | *For Stainless Steel, Add* | *199.98* | |
| | | *For Seismic Hook And Eye, Add* | *21.50* | |
| 04 05 19 13-0377 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 156.01 | |
| | | *For Hot-Dipped Galvanized, Add* | *50.79* | |
| | | *For Stainless Steel, Add* | *203.16* | |
| | | *For Seismic Hook And Eye, Add* | *21.84* | |
| 04 05 19 13-0378 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 162.31 | |
| | | *For Hot-Dipped Galvanized, Add* | *51.99* | |
| | | *For Stainless Steel, Add* | *207.94* | |
| | | *For Seismic Hook And Eye, Add* | *22.35* | |
| 04 05 19 13-0379 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 168.36 | |
| | | *For Hot-Dipped Galvanized, Add* | *53.27* | |
| | | *For Stainless Steel, Add* | *213.08* | |
| | | *For Seismic Hook And Eye, Add* | *22.91* | |
| 04 05 19 13-0380 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 173.62 | |
| | | *For Hot-Dipped Galvanized, Add* | *54.69* | |
| | | *For Stainless Steel, Add* | *218.74* | |
| | | *For Seismic Hook And Eye, Add* | *23.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0381 | | 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)* | | |
| 04 05 19 13-0382 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 154.20 | |
| | | *For Hot-Dipped Galvanized, Add* | *55.33* | |
| | | *For Stainless Steel, Add* | *221.32* | |
| | | *For Seismic Hook And Eye, Add* | *23.79* | |
| 04 05 19 13-0383 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 159.42 | |
| | | *For Hot-Dipped Galvanized, Add* | *55.76* | |
| | | *For Stainless Steel, Add* | *223.04* | |
| | | *For Seismic Hook And Eye, Add* | *23.98* | |
| 04 05 19 13-0384 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 169.04 | |
| | | *For Hot-Dipped Galvanized, Add* | *57.31* | |
| | | *For Stainless Steel, Add* | *229.22* | |
| | | *For Seismic Hook And Eye, Add* | *24.64* | |
| 04 05 19 13-0385 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 176.99 | |
| | | *For Hot-Dipped Galvanized, Add* | *59.33* | |
| | | *For Stainless Steel, Add* | *237.30* | |
| | | *For Seismic Hook And Eye, Add* | *25.51* | |
| 04 05 19 13-0386 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 185.57 | |
| | | *For Hot-Dipped Galvanized, Add* | *61.88* | |
| | | *For Stainless Steel, Add* | *247.50* | |
| | | *For Seismic Hook And Eye, Add* | *26.61* | |
| 04 05 19 13-0387 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement | 193.66 | |
| | | *For Hot-Dipped Galvanized, Add* | *64.71* | |
| | | *For Stainless Steel, Add* | *258.82* | |
| | | *For Seismic Hook And Eye, Add* | *27.82* | |
| 04 05 19 13-0388 | | Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)* | | |
| 04 05 19 13-0389 | | 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0388)* | | |
| 04 05 19 13-0390 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 131.97 | |
| | | *For Hot-Dipped Galvanized, Add* | *42.04* | |
| | | *For Stainless Steel, Add* | *168.14* | |
| | | *For Seismic Hook And Eye, Add* | *18.08* | |
| 04 05 19 13-0391 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 139.09 | |
| | | *For Hot-Dipped Galvanized, Add* | *42.33* | |
| | | *For Stainless Steel, Add* | *169.32* | |
| | | *For Seismic Hook And Eye, Add* | *18.20* | |
| 04 05 19 13-0392 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 144.86 | |
| | | *For Hot-Dipped Galvanized, Add* | *43.26* | |
| | | *For Stainless Steel, Add* | *173.04* | |
| | | *For Seismic Hook And Eye, Add* | *18.60* | |
| 04 05 19 13-0393 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 150.99 | |
| | | *For Hot-Dipped Galvanized, Add* | *44.59* | |
| | | *For Stainless Steel, Add* | *178.34* | |
| | | *For Seismic Hook And Eye, Add* | *19.17* | |
| 04 05 19 13-0394 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 156.49 | |
| | | *For Hot-Dipped Galvanized, Add* | *46.12* | |
| | | *For Stainless Steel, Add* | *184.48* | |
| | | *For Seismic Hook And Eye, Add* | *19.83* | |
| 04 05 19 13-0395 | | 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)* | | |
| 04 05 19 13-0396 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 152.37 | |
| | | *For Hot-Dipped Galvanized, Add* | *52.24* | |
| | | *For Stainless Steel, Add* | *208.94* | |
| | | *For Seismic Hook And Eye, Add* | *22.46* | |
| 04 05 19 13-0397 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 159.55 | |
| | | *For Hot-Dipped Galvanized, Add* | *52.56* | |
| | | *For Stainless Steel, Add* | *210.24* | |
| | | *For Seismic Hook And Eye, Add* | *22.60* | |
| 04 05 19 13-0398 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 165.26 | |
| | | *For Hot-Dipped Galvanized, Add* | *53.46* | |
| | | *For Stainless Steel, Add* | *213.84* | |
| | | *For Seismic Hook And Eye, Add* | *22.99* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 13-0399 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 171.16 | |
| | | *For Hot-Dipped Galvanized, Add* | *54.67* | |
| | | *For Stainless Steel, Add* | *218.68* | |
| | | *For Seismic Hook And Eye, Add* | *23.51* | |
| 04 05 19 13-0400 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 176.06 | |
| | | *For Hot-Dipped Galvanized, Add* | *55.91* | |
| | | *For Stainless Steel, Add* | *223.62* | |
| | | *For Seismic Hook And Eye, Add* | *24.04* | |

### 04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

| | | | | |
|---|---|---|---|---|
| 04 05 19 13-0402 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 162.28 | |
| | | *For Hot-Dipped Galvanized, Add* | *57.19* | |
| | | *For Stainless Steel, Add* | *228.76* | |
| | | *For Seismic Hook And Eye, Add* | *24.59* | |
| 04 05 19 13-0403 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 169.63 | |
| | | *For Hot-Dipped Galvanized, Add* | *57.60* | |
| | | *For Stainless Steel, Add* | *230.40* | |
| | | *For Seismic Hook And Eye, Add* | *24.77* | |
| 04 05 19 13-0404 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 176.67 | |
| | | *For Hot-Dipped Galvanized, Add* | *59.17* | |
| | | *For Stainless Steel, Add* | *236.66* | |
| | | *For Seismic Hook And Eye, Add* | *25.44* | |
| 04 05 19 13-0405 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 184.16 | |
| | | *For Hot-Dipped Galvanized, Add* | *61.17* | |
| | | *For Stainless Steel, Add* | *244.68* | |
| | | *For Seismic Hook And Eye, Add* | *26.30* | |
| 04 05 19 13-0406 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement | 191.69 | |
| | | *For Hot-Dipped Galvanized, Add* | *63.72* | |
| | | *For Stainless Steel, Add* | *254.88* | |
| | | *For Seismic Hook And Eye, Add* | *27.40* | |

## 04 05 19 16 Masonry Anchors *(04 05 19)*

### 04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

### 04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

| | | | |
|---|---|---|---|
| 04 05 19 16-0003 | EA | 2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 0.97 |
| 04 05 19 16-0004 | EA | 2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 1.03 |
| 04 05 19 16-0005 | EA | 2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 1.08 |
| 04 05 19 16-0006 | EA | 2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 1.14 |
| 04 05 19 16-0007 | EA | 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 1.21 |
| 04 05 19 16-0008 | EA | 4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 1.08 |
| 04 05 19 16-0009 | EA | 4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 1.14 |
| 04 05 19 16-0010 | EA | 4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 1.21 |
| 04 05 19 16-0011 | EA | 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie | 1.27 |

### 04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

| | | | |
|---|---|---|---|
| 04 05 19 16-0013 | EA | 2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 0.88 |
| 04 05 19 16-0014 | EA | 2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 0.90 |
| 04 05 19 16-0015 | EA | 2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 0.92 |
| 04 05 19 16-0016 | EA | 2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 0.96 |
| 04 05 19 16-0017 | EA | 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 0.99 |
| 04 05 19 16-0018 | EA | 4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 0.92 |
| 04 05 19 16-0019 | EA | 4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 0.96 |
| 04 05 19 16-0020 | EA | 4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 0.99 |
| 04 05 19 16-0021 | EA | 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie | 1.03 |

### 04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*

### 04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

| | | | |
|---|---|---|---|
| 04 05 19 16-0024 | EA | 6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie | 0.88 |
| 04 05 19 16-0025 | EA | 8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie | 0.91 |
| 04 05 19 16-0026 | EA | 10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie | 1.01 |
| 04 05 19 16-0027 | EA | 12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie | 1.05 |
| 04 05 19 16-0028 | EA | 6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie | 1.06 |
| 04 05 19 16-0029 | EA | 8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie | 1.12 |
| 04 05 19 16-0030 | EA | 10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie | 1.19 |
| 04 05 19 16-0031 | EA | 12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie | 1.24 |

### 04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

| | | | |
|---|---|---|---|
| 04 05 19 16-0033 | EA | 6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie | 0.81 |
| 04 05 19 16-0034 | EA | 8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie | 0.82 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 16-0035 | EA | 10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie | 0.89 | |
| 04 05 19 16-0036 | EA | 12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie | 0.91 | |
| 04 05 19 16-0037 | EA | 6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie | 0.92 | |
| 04 05 19 16-0038 | EA | 8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie | 0.96 | |
| 04 05 19 16-0039 | EA | 10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie | 0.99 | |
| 04 05 19 16-0040 | EA | 12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie | 1.04 | |
| 04 05 19 16-0041 | | Wire Beam Ties *(04 05 19 16)* | | |
| 04 05 19 16-0042 | | Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)* | | |
| 04 05 19 16-0043 | EA | 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie | 1.14 | |
| 04 05 19 16-0044 | EA | 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie | 1.16 | |
| 04 05 19 16-0045 | EA | 6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie | 1.18 | |
| 04 05 19 16-0046 | EA | 8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie | 1.21 | |
| 04 05 19 16-0047 | EA | 10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie | 1.25 | |
| 04 05 19 16-0048 | | Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)* | | |
| 04 05 19 16-0049 | EA | 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie | 1.33 | |
| 04 05 19 16-0050 | EA | 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie | 1.38 | |
| 04 05 19 16-0051 | EA | 6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie | 1.44 | |
| 04 05 19 16-0052 | EA | 8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie | 1.47 | |
| 04 05 19 16-0053 | EA | 10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie | 1.51 | |
| 04 05 19 16-0054 | | Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)* | | |
| 04 05 19 16-0055 | | Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)* | | |
| 04 05 19 16-0056 | EA | 6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.25 | |
| 04 05 19 16-0057 | EA | 7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.30 | |
| 04 05 19 16-0058 | EA | 8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.32 | |
| 04 05 19 16-0059 | EA | 9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.36 | |
| 04 05 19 16-0060 | EA | 10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.38 | |
| 04 05 19 16-0061 | | Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)* | | |
| 04 05 19 16-0062 | EA | 6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.08 | |
| 04 05 19 16-0063 | EA | 7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.11 | |
| 04 05 19 16-0064 | EA | 8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.12 | |
| 04 05 19 16-0065 | EA | 9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.15 | |
| 04 05 19 16-0066 | EA | 10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie | 1.16 | |
| 04 05 19 16-0067 | | Corrugated Buck (Brick) Anchors *(04 05 19 16)* | | |
| 04 05 19 16-0068 | | Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)* | | |
| 04 05 19 16-0069 | EA | 3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.49 | |
| 04 05 19 16-0070 | EA | 4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.55 | |
| 04 05 19 16-0071 | EA | 5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.60 | |
| 04 05 19 16-0072 | EA | 6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.65 | |
| 04 05 19 16-0073 | EA | 7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.70 | |
| 04 05 19 16-0074 | EA | 3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.54 | |
| 04 05 19 16-0075 | EA | 4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.59 | |
| 04 05 19 16-0076 | EA | 5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.65 | |
| 04 05 19 16-0077 | EA | 6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.71 | |
| 04 05 19 16-0078 | EA | 7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 1.77 | |
| 04 05 19 16-0079 | | Mill Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)* | | |
| 04 05 19 16-0080 | EA | 3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.30 | |
| 04 05 19 16-0081 | EA | 4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.34 | |
| 04 05 19 16-0082 | EA | 5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.38 | |
| 04 05 19 16-0083 | EA | 6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.42 | |
| 04 05 19 16-0084 | EA | 7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.46 | |
| 04 05 19 16-0085 | EA | 3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.34 | |
| 04 05 19 16-0086 | EA | 4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.38 | |
| 04 05 19 16-0087 | EA | 5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.42 | |
| 04 05 19 16-0088 | EA | 6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.46 | |
| 04 05 19 16-0089 | EA | 7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor | 1.51 | |
| 04 05 19 16-0090 | | Corrugated Wall Ties *(04 05 19 16)* | | |
| 04 05 19 16-0091 | | Hot-Dipped Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)* | | |
| 04 05 19 16-0092 | EA | 7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie | 0.81 | |
| 04 05 19 16-0093 | EA | 7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie | 0.85 | |
| 04 05 19 16-0094 | EA | 7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie | 0.87 | |
| 04 05 19 16-0095 | EA | 7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie | 0.88 | |
| 04 05 19 16-0096 | EA | 7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie | 1.03 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **04 05 19 16-0097** | | **Mill Galvanized, Corrugated Wall Ties** *(04 05 19 16-0090)* | | |
| 04 05 19 16-0098 | EA | 7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie | 0.82 | |
| 04 05 19 16-0099 | EA | 7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie | 0.83 | |
| 04 05 19 16-0100 | EA | 7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie | 0.85 | |
| 04 05 19 16-0101 | EA | 7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie | 0.96 | |
| **04 05 19 16-0102** | | **Stainless Steel, Corrugated Wall Ties** *(04 05 19 16-0090)* | | |
| 04 05 19 16-0103 | EA | 7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie | 1.11 | |
| 04 05 19 16-0104 | EA | 7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie | 1.17 | |
| 04 05 19 16-0105 | EA | 7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie | 1.23 | |
| 04 05 19 16-0106 | EA | 7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie | 1.28 | |
| 04 05 19 16-0107 | EA | 7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie | 1.55 | |
| **04 05 19 16-0108** | | **Wire Mesh Wall Ties** *(04 05 19 16)*<br>Note: 1/2" square mesh. | | |
| 04 05 19 16-0109 | EA | 3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie | 1.58 | |
| 04 05 19 16-0110 | EA | 3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie | 1.89 | |
| 04 05 19 16-0111 | EA | 6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie | 2.22 | |
| 04 05 19 16-0112 | EA | 6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie | 2.81 | |
| 04 05 19 16-0113 | EA | 10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie | 2.67 | |
| 04 05 19 16-0114 | EA | 10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie | 3.23 | |
| **04 05 19 16-0115** | | **Triangle Brick Ties** *(04 05 19 16)* | | |
| **04 05 19 16-0116** | | **Hot-Dipped Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)* | | |
| 04 05 19 16-0117 | EA | 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.41 | |
| 04 05 19 16-0118 | EA | 3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.43 | |
| 04 05 19 16-0119 | EA | 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.46 | |
| 04 05 19 16-0120 | EA | 4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.51 | |
| 04 05 19 16-0121 | EA | 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.53 | |
| 04 05 19 16-0122 | EA | 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.62 | |
| 04 05 19 16-0123 | EA | 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.66 | |
| 04 05 19 16-0124 | EA | 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.78 | |
| 04 05 19 16-0125 | EA | 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.65 | |
| 04 05 19 16-0126 | EA | 3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.67 | |
| 04 05 19 16-0127 | EA | 4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.68 | |
| 04 05 19 16-0128 | EA | 4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.73 | |
| 04 05 19 16-0129 | EA | 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.75 | |
| 04 05 19 16-0130 | EA | 6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.83 | |
| 04 05 19 16-0131 | EA | 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.87 | |
| 04 05 19 16-0132 | EA | 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie | 1.99 | |
| **04 05 19 16-0133** | | **Mill Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)* | | |
| 04 05 19 16-0134 | EA | 3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie | 1.30 | |
| 04 05 19 16-0135 | EA | 3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie | 1.30 | |
| 04 05 19 16-0136 | EA | 4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie | 1.31 | |
| 04 05 19 16-0137 | EA | 4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie | 1.35 | |
| 04 05 19 16-0138 | EA | 5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie | 1.36 | |
| 04 05 19 16-0139 | EA | 6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie | 1.41 | |
| 04 05 19 16-0140 | EA | 7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie | 1.43 | |
| 04 05 19 16-0141 | EA | 9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie | 1.47 | |
| 04 05 19 16-0142 | EA | 3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie | 1.44 | |
| 04 05 19 16-0143 | EA | 3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie | 1.45 | |
| 04 05 19 16-0144 | EA | 4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie | 1.46 | |
| 04 05 19 16-0145 | EA | 4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie | 1.51 | |
| 04 05 19 16-0146 | EA | 5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie | 1.52 | |
| 04 05 19 16-0147 | EA | 6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie | 1.58 | |
| 04 05 19 16-0148 | EA | 7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie | 1.61 | |
| 04 05 19 16-0149 | EA | 9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie | 1.67 | |
| **04 05 19 16-0150** | | **Seismic Veneer Anchors** *(04 05 19 16)* | | |
| 04 05 19 16-0151 | EA | 3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor<br>Note: For horizontal wire attachment. Excludes wire. | 5.13 | |
| **04 05 19 16-0152** | | **Slip-Set, Joint Stabilization Anchors** *(04 05 19 16)*<br>Note: For restraining lateral movement at control joints. Field bendable. | | |
| 04 05 19 16-0153 | EA | 9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor | 4.20 | |
| 04 05 19 16-0154 | EA | 9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor | 4.55 | |
| 04 05 19 16-0155 | EA | 9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor | 5.13 | |
| **04 05 19 16-0156** | | **Strap Partition Top Anchors** *(04 05 19 16)* | | |
| 04 05 19 16-0157 | EA | 12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor | 2.47 | |
| 04 05 19 16-0158 | EA | 12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor | 5.41 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 16-0159 | | Rigid Partition Anchors *(04 05 19 16)* | | |
| 04 05 19 16-0160 | | Hot-Dipped Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)* | | |
| 04 05 19 16-0161 | EA | 1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 1.95 | |
| 04 05 19 16-0162 | EA | 1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 2.10 | |
| 04 05 19 16-0163 | EA | 1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 2.28 | |
| 04 05 19 16-0164 | EA | 1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 2.45 | |
| 04 05 19 16-0165 | EA | 2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 2.61 | |
| 04 05 19 16-0166 | EA | 2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 2.78 | |
| 04 05 19 16-0167 | EA | 1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 2.62 | |
| 04 05 19 16-0168 | EA | 1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 3.14 | |
| 04 05 19 16-0169 | EA | 1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 3.67 | |
| 04 05 19 16-0170 | EA | 1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 4.20 | |
| 04 05 19 16-0171 | EA | 2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 4.73 | |
| 04 05 19 16-0172 | EA | 2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor | 5.26 | |
| 04 05 19 16-0173 | | Mill Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)* | | |
| 04 05 19 16-0174 | EA | 1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor | 1.81 | |
| 04 05 19 16-0175 | EA | 1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor | 1.93 | |
| 04 05 19 16-0176 | EA | 1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor | 2.06 | |
| 04 05 19 16-0177 | EA | 1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor | 2.19 | |
| 04 05 19 16-0178 | EA | 2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor | 2.32 | |
| 04 05 19 16-0179 | EA | 2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor | 2.45 | |
| 04 05 19 16-0180 | | Screw-On Masonry Veneer Anchor Plates *(04 05 19 16)* | | |
| 04 05 19 16-0181 | EA | 12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate | 1.25 | |
| 04 05 19 16-0182 | EA | 14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate | 1.31 | |
| 04 05 19 16-0183 | | Wire Column Ties *(04 05 19 16)* | | |
| 04 05 19 16-0184 | | Hot-Dipped Galvanized, Wire Column Ties *(04 05 19 16-0183)* | | |
| 04 05 19 16-0185 | EA | 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.48 | |
| 04 05 19 16-0186 | EA | 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.57 | |
| 04 05 19 16-0187 | EA | 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.64 | |
| 04 05 19 16-0188 | EA | 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.72 | |
| 04 05 19 16-0189 | EA | 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.56 | |
| 04 05 19 16-0190 | EA | 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.64 | |
| 04 05 19 16-0191 | EA | 14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.69 | |
| 04 05 19 16-0192 | EA | 16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.75 | |
| 04 05 19 16-0193 | EA | 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 1.95 | |
| 04 05 19 16-0194 | EA | 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 2.10 | |
| 04 05 19 16-0195 | EA | 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 2.20 | |
| 04 05 19 16-0196 | EA | 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 2.34 | |
| 04 05 19 16-0197 | EA | 10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 2.10 | |
| 04 05 19 16-0198 | EA | 12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 2.20 | |
| 04 05 19 16-0199 | EA | 14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 2.29 | |
| 04 05 19 16-0200 | EA | 16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie | 2.39 | |
| 04 05 19 16-0201 | | Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)* | | |
| 04 05 19 16-0202 | EA | 3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie | 1.33 | |
| 04 05 19 16-0203 | EA | 5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie | 1.38 | |
| 04 05 19 16-0204 | EA | 7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie | 1.41 | |
| 04 05 19 16-0205 | EA | 9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie | 1.47 | |
| 04 05 19 16-0206 | EA | 10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie | 1.35 | |
| 04 05 19 16-0207 | EA | 12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie | 1.40 | |
| 04 05 19 16-0208 | EA | 14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie | 1.44 | |
| 04 05 19 16-0209 | EA | 16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie | 1.48 | |
| 04 05 19 16-0210 | EA | 3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie | 1.67 | |
| 04 05 19 16-0211 | EA | 5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie | 1.77 | |
| 04 05 19 16-0212 | EA | 7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie | 1.81 | |
| 04 05 19 16-0213 | EA | 9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie | 1.91 | |
| 04 05 19 16-0214 | EA | 10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie | 1.63 | |
| 04 05 19 16-0215 | EA | 12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie | 1.79 | |
| 04 05 19 16-0216 | EA | 14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie | 1.86 | |
| 04 05 19 16-0217 | EA | 16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie | 1.91 | |
| 04 05 19 16-0218 | | Dovetail Anchors, Slots And Ties *(04 05 19 16)* | | |
| 04 05 19 16-0219 | | Dovetail Anchor Slots *(04 05 19 16-0218)* | | |
| 04 05 19 16-0220 | | Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)* | | |
| 04 05 19 16-0221 | LF | 24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot | 3.02 | |
| 04 05 19 16-0222 | LF | 22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot | 3.28 | |
| 04 05 19 16-0223 | LF | 20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot | 3.43 | |
| 04 05 19 16-0224 | LF | 18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot | 3.50 | |
| 04 05 19 16-0225 | LF | 16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot | 3.68 | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 16-0226 | | Mill Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)* | | |
| 04 05 19 16-0227 | LF | 24 Gauge, Mill Galvanized, Dovetail Anchor Slot | 2.50 | |
| 04 05 19 16-0228 | LF | 22 Gauge, Mill Galvanized, Dovetail Anchor Slot | 2.83 | |
| 04 05 19 16-0229 | LF | 20 Gauge, Mill Galvanized, Dovetail Anchor Slot | 2.90 | |
| 04 05 19 16-0230 | LF | 18 Gauge, Mill Galvanized, Dovetail Anchor Slot | 3.02 | |
| 04 05 19 16-0231 | LF | 16 Gauge, Mill Galvanized, Dovetail Anchor Slot | 3.09 | |
| 04 05 19 16-0232 | | 304 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)* | | |
| 04 05 19 16-0233 | LF | 24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot | 3.22 | |
| 04 05 19 16-0234 | LF | 22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot | 3.59 | |
| 04 05 19 16-0235 | LF | 20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot | 3.72 | |
| 04 05 19 16-0236 | LF | 18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot | 4.14 | |
| 04 05 19 16-0237 | LF | 16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot | 4.55 | |
| 04 05 19 16-0238 | | 316 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)* | | |
| 04 05 19 16-0239 | LF | 24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot | 3.51 | |
| 04 05 19 16-0240 | LF | 22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot | 3.79 | |
| 04 05 19 16-0241 | LF | 20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot | 4.08 | |
| 04 05 19 16-0242 | LF | 18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot | 4.44 | |
| 04 05 19 16-0243 | LF | 16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot | 4.65 | |
| 04 05 19 16-0244 | | Dovetail Corrugated Brick Ties *(04 05 19 16-0218)* | | |
| 04 05 19 16-0245 | | Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)* | | |
| 04 05 19 16-0246 | EA | 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.04 | |
| 04 05 19 16-0247 | EA | 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.12 | |
| 04 05 19 16-0248 | EA | 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.20 | |
| 04 05 19 16-0249 | EA | 3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.06 | |
| 04 05 19 16-0250 | EA | 5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.21 | |
| 04 05 19 16-0251 | EA | 7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.33 | |
| 04 05 19 16-0252 | EA | 3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.10 | |
| 04 05 19 16-0253 | EA | 5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.21 | |
| 04 05 19 16-0254 | EA | 7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie | 1.32 | |
| 04 05 19 16-0255 | | Mill Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)* | | |
| 04 05 19 16-0256 | EA | 3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 0.96 | |
| 04 05 19 16-0257 | EA | 5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 1.01 | |
| 04 05 19 16-0258 | EA | 7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 1.07 | |
| 04 05 19 16-0259 | EA | 3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 1.00 | |
| 04 05 19 16-0260 | EA | 5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 1.11 | |
| 04 05 19 16-0261 | EA | 7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 1.19 | |
| 04 05 19 16-0262 | EA | 3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 1.02 | |
| 04 05 19 16-0263 | EA | 5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 1.15 | |
| 04 05 19 16-0264 | EA | 7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie | 1.23 | |
| 04 05 19 16-0265 | | Dovetail Stone Anchors *(04 05 19 16-0218)* | | |
| 04 05 19 16-0266 | | Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)* | | |
| 04 05 19 16-0267 | EA | 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor | 1.21 | |
| 04 05 19 16-0268 | EA | 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor | 1.30 | |
| 04 05 19 16-0269 | EA | 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor | 1.39 | |
| 04 05 19 16-0270 | | Dovetail Partition Top Anchors *(04 05 19 16-0218)* | | |
| 04 05 19 16-0271 | EA | 3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor | 2.60 | |
| 04 05 19 16-0272 | EA | 3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor | 5.81 | |
| 04 05 19 16-0273 | | Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)* | | |
| 04 05 19 16-0274 | | Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)* | | |
| 04 05 19 16-0275 | EA | 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie | 1.78 | |
| 04 05 19 16-0276 | EA | 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie | 1.89 | |
| 04 05 19 16-0277 | EA | 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie | 1.97 | |
| 04 05 19 16-0278 | EA | 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie | 2.04 | |
| 04 05 19 16-0279 | | Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)* | | |
| 04 05 19 16-0280 | EA | 3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie | 1.62 | |
| 04 05 19 16-0281 | EA | 5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie | 1.63 | |
| 04 05 19 16-0282 | EA | 7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie | 1.68 | |
| 04 05 19 16-0283 | EA | 9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie | 1.81 | |
| 04 05 19 16-0284 | | Dowel Or Hairpin, Drill And Epoxy Into Brick *(04 05 19 16)* | | |
| 04 05 19 16-0285 | EA | Dowels Or Hairpin, 1/2" x 30" L, Drill And Epoxy In Brick | 21.19 | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 16-0286 | EA | Dowels Or Hairpin, 1/2" x 36" L, Drill And Epoxy In Brick | 22.21 | |

## 04 05 19 26 Masonry Reinforcing Bars *(04 05 19)*

Note: Includes cutting and bending.

### 04 05 19 26-0001 Plain Steel Masonry Reinforcement Bar *(04 05 19 26)*

| | | | |
|---|---|---|---|
| 04 05 19 26-0002 | LF | #3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar | 0.88 |
| 04 05 19 26-0003 | LF | #4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar | 1.43 |
| 04 05 19 26-0004 | LF | #5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar | 2.02 |
| 04 05 19 26-0005 | LF | #6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar | 2.62 |
| 04 05 19 26-0006 | LF | #3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar | 0.89 |
| 04 05 19 26-0007 | LF | #4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar | 1.45 |
| 04 05 19 26-0008 | LF | #5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar | 2.05 |
| 04 05 19 26-0009 | LF | #6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar | 2.67 |
| 04 05 19 26-0010 | LF | #3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar | 0.91 |
| 04 05 19 26-0011 | LF | #4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar | 1.48 |
| 04 05 19 26-0012 | LF | #5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar | 2.10 |
| 04 05 19 26-0013 | LF | #6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar | 2.74 |
| 04 05 19 26-0014 | LF | #3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar | 1.04 |
| 04 05 19 26-0015 | LF | #4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar | 1.68 |
| 04 05 19 26-0016 | LF | #5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar | 2.36 |
| 04 05 19 26-0017 | LF | #6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar | 3.04 |
| 04 05 19 26-0018 | LF | #3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar | 1.05 |
| 04 05 19 26-0019 | LF | #4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar | 1.70 |
| 04 05 19 26-0020 | LF | #5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar | 2.39 |
| 04 05 19 26-0021 | LF | #6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar | 3.09 |
| 04 05 19 26-0022 | LF | #3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar | 1.07 |
| 04 05 19 26-0023 | LF | #4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar | 1.73 |
| 04 05 19 26-0024 | LF | #5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar | 2.44 |
| 04 05 19 26-0025 | LF | #6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar | 3.16 |

### 04 05 19 26-0026 Galvanized Steel Masonry Reinforcement Bar *(04 05 19 26)*

| | | | |
|---|---|---|---|
| 04 05 19 26-0027 | LF | #3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 1.00 |
| 04 05 19 26-0028 | LF | #4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 1.65 |
| 04 05 19 26-0029 | LF | #5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 2.35 |
| 04 05 19 26-0030 | LF | #6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 3.10 |
| 04 05 19 26-0031 | LF | #3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 1.01 |
| 04 05 19 26-0032 | LF | #4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 1.67 |
| 04 05 19 26-0033 | LF | #5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 2.39 |
| 04 05 19 26-0034 | LF | #6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 3.15 |
| 04 05 19 26-0035 | LF | #3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 1.03 |
| 04 05 19 26-0036 | LF | #4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 1.70 |
| 04 05 19 26-0037 | LF | #5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 2.44 |
| 04 05 19 26-0038 | LF | #6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar | 3.22 |
| 04 05 19 26-0039 | LF | #3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 1.16 |
| 04 05 19 26-0040 | LF | #4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 1.90 |
| 04 05 19 26-0041 | LF | #5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 2.69 |
| 04 05 19 26-0042 | LF | #6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 3.52 |
| 04 05 19 26-0043 | LF | #3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 1.17 |
| 04 05 19 26-0044 | LF | #4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 1.92 |
| 04 05 19 26-0045 | LF | #5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 2.73 |
| 04 05 19 26-0046 | LF | #6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 3.57 |
| 04 05 19 26-0047 | LF | #3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 1.19 |
| 04 05 19 26-0048 | LF | #4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 1.95 |
| 04 05 19 26-0049 | LF | #5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 2.78 |
| 04 05 19 26-0050 | LF | #6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar | 3.64 |

### 04 05 19 26-0051 Epoxy-Coated Masonry Reinforcement Bar *(04 05 19 26)*

| | | | |
|---|---|---|---|
| 04 05 19 26-0052 | LF | #3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 0.99 |
| 04 05 19 26-0053 | LF | #4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.62 |
| 04 05 19 26-0054 | LF | #5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 2.32 |
| 04 05 19 26-0055 | LF | #6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 3.05 |
| 04 05 19 26-0056 | LF | #3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.00 |
| 04 05 19 26-0057 | LF | #4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.64 |
| 04 05 19 26-0058 | LF | #5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 2.35 |
| 04 05 19 26-0059 | LF | #6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 3.10 |
| 04 05 19 26-0060 | LF | #3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.02 |
| 04 05 19 26-0061 | LF | #4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.68 |
| 04 05 19 26-0062 | LF | #5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 2.40 |
| 04 05 19 26-0063 | LF | #6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar | 3.17 |
| 04 05 19 26-0064 | LF | #3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.15 |
| 04 05 19 26-0065 | LF | #4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.87 |
| 04 05 19 26-0066 | LF | #5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 2.66 |
| 04 05 19 26-0067 | LF | #6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 3.47 |
| 04 05 19 26-0068 | LF | #3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.16 |
| 04 05 19 26-0069 | LF | #4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.89 |
| 04 05 19 26-0070 | LF | #5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 2.69 |
| 04 05 19 26-0071 | LF | #6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 3.52 |
| 04 05 19 26-0072 | LF | #3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.18 |
| 04 05 19 26-0073 | LF | #4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 1.93 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 19 26-0074 | LF | #5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 2.74 | |
| 04 05 19 26-0075 | LF | #6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar | 3.59 | |

## 04 05 23 Masonry Accessories *(04 05)*

### 04 05 23 13 Masonry Control and Expansion Joints *(04 05 23)*

#### 04 05 23 13-0001 Masonry Control Joints *(04 05 23 13)*

#### 04 05 23 13-0002 Rubber, Masonry Control Joints *(04 05 23 13-0001)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 13-0003 | LF | 1-5/8" Width, T-Style, Rubber, Masonry Control Joint | 4.25 | 0.77 |
| 04 05 23 13-0004 | LF | 2-5/8" Width, Rubber, Masonry Control Joint | 4.14 | 0.77 |
| 04 05 23 13-0005 | LF | 6-7/8" Width, Rubber, Masonry Control Joint | 8.50 | 0.77 |

#### 04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 13-0007 | LF | 1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint | 2.74 | 0.77 |
| 04 05 23 13-0008 | LF | 2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint | 2.83 | 0.77 |
| 04 05 23 13-0009 | LF | 4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint | 3.57 | 0.77 |
| 04 05 23 13-0010 | LF | 6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint | 3.99 | 0.77 |
| 04 05 23 13-0011 | LF | 11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint | 3.79 | 0.77 |

### 04 05 23 16 Masonry Embedded Flashing *(04 05 23)*

#### 04 05 23 16-0001 Lead Coated Copper Through Wall Flashing *(04 05 23 16)*

#### 04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 16-0003 | SF | 2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 8.70 | 1.67 |
| 04 05 23 16-0004 | SF | 3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 9.66 | 1.67 |
| 04 05 23 16-0005 | SF | 5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 12.30 | 1.67 |
| 04 05 23 16-0006 | SF | 7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 14.64 | 1.67 |

#### 04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 16-0008 | SF | 2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 9.63 | 1.67 |
| 04 05 23 16-0009 | SF | 3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 10.49 | 1.67 |
| 04 05 23 16-0010 | SF | 5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 13.54 | 1.67 |
| 04 05 23 16-0011 | SF | 7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 16.36 | 1.67 |

#### 04 05 23 16-0012 Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 16-0013 | SF | 2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 8.92 | 1.67 |
| 04 05 23 16-0014 | SF | 3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 10.11 | 1.67 |
| 04 05 23 16-0015 | SF | 5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 11.83 | 1.67 |
| 04 05 23 16-0016 | SF | 7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing | 15.40 | 1.67 |

#### 04 05 23 16-0017 Copper Through Wall Flashing *(04 05 23 16)*

#### 04 05 23 16-0018 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 16-0019 | SF | 2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing | 7.27 | 1.56 |
| 04 05 23 16-0020 | SF | 3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing | 7.97 | 1.56 |
| 04 05 23 16-0021 | SF | 5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing | 9.91 | 1.56 |
| 04 05 23 16-0022 | SF | 7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing | 11.62 | 1.56 |
| 04 05 23 16-0023 | SF | 10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing | 12.35 | 1.56 |

#### 04 05 23 16-0024 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 16-0025 | SF | 2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing | 7.96 | 1.56 |
| 04 05 23 16-0026 | SF | 3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing | 8.58 | 1.56 |
| 04 05 23 16-0027 | SF | 5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing | 10.82 | 1.56 |
| 04 05 23 16-0028 | SF | 7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing | 12.87 | 1.56 |
| 04 05 23 16-0029 | SF | 10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing | 14.09 | 1.56 |

#### 04 05 23 16-0030 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 16-0031 | SF | 2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 7.34 | 1.56 |
| 04 05 23 16-0032 | SF | 3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 8.06 | 1.56 |
| 04 05 23 16-0033 | SF | 5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 9.99 | 1.56 |
| 04 05 23 16-0034 | SF | 7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 11.69 | 1.56 |
| 04 05 23 16-0035 | SF | 10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 12.42 | 1.56 |

#### 04 05 23 16-0036 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*

| | | | | |
|---|---|---|---|---|
| 04 05 23 16-0037 | SF | 2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 7.44 | 1.56 |
| 04 05 23 16-0038 | SF | 3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 8.30 | 1.56 |
| 04 05 23 16-0039 | SF | 5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 9.56 | 1.56 |
| 04 05 23 16-0040 | SF | 7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 12.18 | 1.56 |
| 04 05 23 16-0041 | SF | 10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing | 7.94 | 1.56 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 05 23 16-0042 | | 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)* | | |
| 04 05 23 16-0043 | SF | 3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing | 10.31 | 1.56 |
| 04 05 23 16-0044 | SF | 5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing | 12.90 | 1.56 |
| 04 05 23 16-0045 | | 2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0017)* | | |
| | | Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive. | | |
| 04 05 23 16-0046 | SF | 3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing | 8.81 | 1.56 |
| 04 05 23 16-0047 | SF | 5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing | 11.13 | 1.56 |
| 04 05 23 16-0048 | | Stainless Steel Through Wall Flashing *(04 05 23 16)* | | |
| 04 05 23 16-0049 | | Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0048)* | | |
| 04 05 23 16-0050 | SF | 0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing | 7.49 | 1.56 |
| 04 05 23 16-0051 | | Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)* | | |
| 04 05 23 16-0052 | SF | 0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing | 2.94 | 1.23 |
| 04 05 23 16-0053 | SF | 0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing | 3.11 | 1.23 |
| 04 05 23 16-0054 | SF | 0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing | 3.29 | 1.23 |
| 04 05 23 16-0055 | SF | 0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing | 3.92 | 1.23 |
| **04 05 23 19** | | **Masonry Cavity Drainage, Weepholes, and Vents** *(04 05 23)* | | |
| 04 05 23 19-0001 | | Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)* | | |
| | | Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame. | | |
| 04 05 23 19-0002 | EA | 8-1/8" x 2-3/8" Aluminum Brick Vent | 66.66 | |
| 04 05 23 19-0003 | EA | 8-1/8" x 4-3/4" Aluminum Brick Vent | 83.03 | |
| 04 05 23 19-0004 | EA | 8-1/8" x 7-3/4" Aluminum Brick Vent | 105.47 | |
| 04 05 23 19-0005 | EA | 12" x 2-3/8" Aluminum Brick Vent | 83.00 | |
| 04 05 23 19-0006 | EA | 12" x 4-3/4" Aluminum Brick Vent | 103.02 | |
| 04 05 23 19-0007 | EA | 12" x 7-3/4" Aluminum Brick Vent | 131.18 | |
| 04 05 23 19-0008 | EA | 16-1/2" x 2-3/8" Aluminum Brick Vent | 99.06 | |
| 04 05 23 19-0009 | EA | 16-1/2" x 4-3/4" Aluminum Brick Vent | 135.51 | |
| 04 05 23 19-0010 | EA | 16-1/2" x 7-3/4" Aluminum Brick Vent | 166.92 | |
| 04 05 23 19-0011 | EA | 24" x 2-3/8" Aluminum Brick Vent | 137.21 | |
| 04 05 23 19-0012 | EA | 24" x 4-3/4" Aluminum Brick Vent | 179.18 | |
| 04 05 23 19-0013 | EA | 24" x 7-3/4" Aluminum Brick Vent | 221.92 | |

# 04 20 Unit Masonry *(04)*

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

## 04 21 Clay Unit Masonry *(04 20)*

### 04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

| | | | |
|---|---|---|---|
| 04 21 13 00-0001 | | Brick Masonry *(04 21 13)* | |
| 04 21 13 00-0002 | SF | Standard Size Red Brick, Running Bond | 20.57 |
| | | Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF) | |
| | | *For Buff Or Gray, Add* | *0.87* |
| | | *For Common Or American Bond, Add* | *0.61* |
| | | *For English Bond, Add* | *1.23* |
| | | *For Flemish Bond, Add* | *2.56* |
| | | *For Stacked Bond, Add* | *1.80* |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *23.26* |
| | | *For Curved Wall, Add* | *3.07* |
| | | *For Corbels, Add* | *11.50* |
| | | *For Severe Weather (SW) Brick, Add* | *0.79* |
| | | *For Glazed Brick, Add* | *18.34* |
| 04 21 13 00-0003 | SF | Engineer Standard Size Red Brick, Running Bond | 21.49 |
| | | Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF) | |
| | | *For Buff Or Gray, Add* | *1.08* |
| | | *For Common Or American Bond, Add* | *0.60* |
| | | *For English Bond, Add* | *1.20* |
| | | *For Flemish Bond, Add* | *2.57* |
| | | *For Stacked Bond, Add* | *1.82* |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *22.81* |
| | | *For Curved Wall, Add* | *3.00* |
| | | *For Corbels, Add* | *11.24* |
| | | *For Severe Weather (SW) Brick, Add* | *0.98* |
| | | *For Glazed Brick, Add* | *22.75* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 21 13 00-0004 | SF | Modular Size Red Brick, Running Bond | 20.57 | |
| | | Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF) | | |
| | | *For Buff Or Gray, Add* | *0.87* | |
| | | *For Common Or American Bond, Add* | *0.61* | |
| | | *For English Bond, Add* | *1.23* | |
| | | *For Flemish Bond, Add* | *2.56* | |
| | | *For Stacked Bond, Add* | *1.80* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *23.26* | |
| | | *For Curved Wall, Add* | *3.07* | |
| | | *For Corbels, Add* | *11.50* | |
| | | *For Severe Weather (SW) Brick, Add* | *0.79* | |
| | | *For Glazed Brick, Add* | *18.34* | |
| 04 21 13 00-0005 | SF | Engineer Modular Size Red Brick, Running Bond | 21.49 | |
| | | Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF) | | |
| | | *For Buff Or Gray, Add* | *1.08* | |
| | | *For Common Or American Bond, Add* | *0.60* | |
| | | *For English Bond, Add* | *1.20* | |
| | | *For Flemish Bond, Add* | *2.57* | |
| | | *For Stacked Bond, Add* | *1.82* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *22.81* | |
| | | *For Curved Wall, Add* | *3.00* | |
| | | *For Corbels, Add* | *11.24* | |
| | | *For Severe Weather (SW) Brick, Add* | *0.98* | |
| | | *For Glazed Brick, Add* | *22.75* | |
| 04 21 13 00-0006 | SF | Economy Size Red Brick, Running Bond | 21.31 | |
| | | Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF) | | |
| | | *For Buff Or Gray, Add* | *1.05* | |
| | | *For Common Or American Bond, Add* | *0.60* | |
| | | *For English Bond, Add* | *1.20* | |
| | | *For Flemish Bond, Add* | *2.56* | |
| | | *For Stacked Bond, Add* | *1.82* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *22.80* | |
| | | *For Curved Wall, Add* | *3.00* | |
| | | *For Corbels, Add* | *11.24* | |
| | | *For Severe Weather (SW) Brick, Add* | *0.95* | |
| | | *For Glazed Brick, Add* | *22.12* | |
| 04 21 13 00-0007 | SF | Utility Size Red Brick, Running Bond | 15.87 | |
| | | Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF) | | |
| | | *For Buff Or Gray, Add* | *0.90* | |
| | | *For Common Or American Bond, Add* | *0.42* | |
| | | *For English Bond, Add* | *0.84* | |
| | | *For Flemish Bond, Add* | *1.84* | |
| | | *For Stacked Bond, Add* | *1.32* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.96* | |
| | | *For Curved Wall, Add* | *2.09* | |
| | | *For Corbels, Add* | *7.85* | |
| | | *For Severe Weather (SW) Brick, Add* | *0.81* | |
| | | *For Glazed Brick, Add* | *18.94* | |
| 04 21 13 00-0008 | SF | Double Utility Size Red Brick, Running Bond | 14.25 | |
| | | Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF) | | |
| | | *For Buff Or Gray, Add* | *0.63* | |
| | | *For Common Or American Bond, Add* | *0.42* | |
| | | *For English Bond, Add* | *0.84* | |
| | | *For Flemish Bond, Add* | *1.76* | |
| | | *For Stacked Bond, Add* | *1.24* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.88* | |
| | | *For Curved Wall, Add* | *2.09* | |
| | | *For Corbels, Add* | *7.85* | |
| | | *For Severe Weather (SW) Brick, Add* | *0.57* | |
| | | *For Glazed Brick, Add* | *13.27* | |
| 04 21 13 00-0009 | SF | Norman Size Red Brick, Running Bond | 21.81 | |
| | | Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF) | | |
| | | *For Buff Or Gray, Add* | *1.14* | |
| | | *For Common Or American Bond, Add* | *0.60* | |
| | | *For English Bond, Add* | *1.20* | |
| | | *For Flemish Bond, Add* | *2.59* | |
| | | *For Stacked Bond, Add* | *1.84* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *22.83* | |
| | | *For Curved Wall, Add* | *3.00* | |
| | | *For Corbels, Add* | *11.24* | |
| | | *For Severe Weather (SW) Brick, Add* | *1.02* | |
| | | *For Glazed Brick, Add* | *23.87* | |
| 04 21 13 00-0010 | SF | Roman Size Red Brick, Running Bond | 23.25 | |
| | | Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF) | | |
| | | *For Buff Or Gray, Add* | *1.38* | |
| | | *For Common Or American Bond, Add* | *0.60* | |
| | | *For English Bond, Add* | *1.20* | |
| | | *For Flemish Bond, Add* | *2.66* | |
| | | *For Stacked Bond, Add* | *1.91* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *22.90* | |
| | | *For Curved Wall, Add* | *3.00* | |
| | | *For Corbels, Add* | *11.24* | |
| | | *For Severe Weather (SW) Brick, Add* | *1.24* | |
| | | *For Glazed Brick, Add* | *28.91* | |

04 21 13 00-0011 Fire Brick *(04 21 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 21 13 00-0012 | SF | Running Bond, Red Fire Brick | 24.68 | |
| | | *For Buff Or Gray, Add* | *1.62* | |
| | | *For Common Or American Bond, Add* | *0.60* | |
| | | *For English Bond, Add* | *1.20* | |
| | | *For Flemish Bond, Add* | *2.73* | |
| | | *For Stacked Bond, Add* | *1.98* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *22.97* | |

### 04 21 13 00-0013 Window Sill *(04 21 13)*

| | | | | |
|---|---|---|---|---|
| 04 21 13 00-0014 | LF | Standard Size Red Brick, Window Sill<br>Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge. | 17.95 | |
| | | *For Buff Or Gray, Add* | *0.24* | |
| 04 21 13 00-0015 | LF | Engineer Standard Size Red Brick, Window Sill<br>Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge. | 18.13 | |
| | | *For Buff Or Gray, Add* | *0.27* | |
| 04 21 13 00-0016 | LF | Modular Size Red Brick, Window Sill<br>Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge. | 17.95 | |
| | | *For Buff Or Gray, Add* | *0.24* | |
| 04 21 13 00-0017 | LF | Engineer Modular Size Red Brick, Window Sill<br>Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge. | 18.25 | |
| | | *For Buff Or Gray, Add* | *0.29* | |
| 04 21 13 00-0018 | LF | Economy Size Red Brick, Window Sill<br>Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge. | 19.00 | |
| | | *For Buff Or Gray, Add* | *0.42* | |
| 04 21 13 00-0019 | LF | Utility Size Red Brick, Window Sill<br>Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge. | 19.16 | |
| | | *For Buff Or Gray, Add* | *0.44* | |
| 04 21 13 00-0020 | LF | Double Utility Size Red Brick, Window Sill<br>Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge. | 19.16 | |
| | | *For Buff Or Gray, Add* | *0.44* | |
| 04 21 13 00-0021 | LF | Norman Size Red Brick, Window Sill<br>Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge. | 18.34 | |
| | | *For Buff Or Gray, Add* | *0.31* | |
| 04 21 13 00-0022 | LF | Roman Size Red Brick, Window Sill<br>Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge. | 18.42 | |
| | | *For Buff Or Gray, Add* | *0.32* | |

## 04 21 26 Glazed Structural Clay Tile Masonry *(04 21)*

Note: Includes tile and mortar in all colors.

### 04 21 26 00-0001 6T Series Structural Glazed Clay Tile *(04 21 26)*

### 04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

| | | | | |
|---|---|---|---|---|
| 04 21 26 00-0003 | SF | 2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" | 27.00 | |
| | | *For Stacked Bond, Add* | *1.64* | |
| 04 21 26 00-0004 | SF | 4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" | 30.69 | |
| | | *For Stacked Bond, Add* | *1.64* | |
| 04 21 26 00-0005 | SF | 6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" | 38.12 | |
| | | *For Stacked Bond, Add* | *1.71* | |

### 04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

| | | | | |
|---|---|---|---|---|
| 04 21 26 00-0007 | LF | Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile | 27.77 | |
| | | *For Stacked Bond, Add* | *1.94* | |
| 04 21 26 00-0008 | LF | 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile | 33.93 | |
| | | *For Stacked Bond, Add* | *1.94* | |

### 04 21 26 00-0009 8W Series Structural Glazed Clay Tile *(04 21 26)*

### 04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

| | | | | |
|---|---|---|---|---|
| 04 21 26 00-0011 | SF | 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" | 21.73 | |
| | | *For Stacked Bond, Add* | *1.04* | |
| 04 21 26 00-0012 | SF | 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" | 27.44 | |
| | | *For Stacked Bond, Add* | *1.12* | |
| 04 21 26 00-0013 | SF | 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" | 38.68 | |
| | | *For Stacked Bond, Add* | *1.19* | |

### 04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

| | | | | |
|---|---|---|---|---|
| 04 21 26 00-0015 | LF | Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile | 29.91 | |
| | | *For Stacked Bond, Add* | *1.34* | |
| 04 21 26 00-0016 | LF | 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile | 29.86 | |
| | | *For Stacked Bond, Add* | *1.34* | |

### 04 21 26 00-0017 4W Series Structural Glazed Clay Tile *(04 21 26)*

### 04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

| | | | | |
|---|---|---|---|---|
| 04 21 26 00-0019 | SF | 2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" | 28.38 | |
| | | *For Stacked Bond, Add* | *1.64* | |
| 04 21 26 00-0020 | SF | 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" | 30.23 | |
| | | *For Stacked Bond, Add* | *1.64* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 21 26 00-0021 | SF | 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" | 38.35 | |
| | | *For Stacked Bond, Add* | *1.71* | |

### 04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

| | | | | |
|---|---|---|---|---|
| 04 21 26 00-0023 | LF | Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile | 28.90 | |
| | | *For Stacked Bond, Add* | *1.94* | |
| 04 21 26 00-0024 | LF | 2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile | 33.82 | |
| | | *For Stacked Bond, Add* | *1.94* | |

### 04 21 26 00-0025 6T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*

| | | | | |
|---|---|---|---|---|
| 04 21 26 00-0026 | SF | 4" Thick, 6T Sound Absorbing Structural Glazed Tile | 29.27 | |
| 04 21 26 00-0027 | SF | 6" Thick, 6T Sound Absorbing Structural Glazed Tile | 31.69 | |
| 04 21 26 00-0028 | SF | 8" Thick, 6T Sound Absorbing Structural Glazed Tile | 36.96 | |

### 04 21 26 00-0029 8T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*

| | | | | |
|---|---|---|---|---|
| 04 21 26 00-0030 | SF | 4" Thick, 8T Sound Absorbing Structural Glazed Tile | 34.14 | |
| 04 21 26 00-0031 | SF | 6" Thick, 8T Sound Absorbing Structural Glazed Tile | 38.77 | |
| 04 21 26 00-0032 | SF | 8" Thick, 8T Acoustical Glazed Tile | 45.85 | |

## 04 22 Concrete Unit Masonry *(04 20)*

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

### 04 22 23 Architectural Concrete Unit Masonry *(04 22)*

### 04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

### 04 22 23 13-0001 Concrete Blocks *(04 22 23 13)*

### 04 22 23 13-0002 Lightweight Concrete Blocks *(04 22 23 13-0001)*

### 04 22 23 13-0003 Cored, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 04 22 23 13-0004 | SF | 4" x 8" x 16", Cored, Lightweight, Concrete Block | 9.00 | |
| | | *For Stacked Bond, Add* | *2.06* | |
| | | *For Scored Block, Add* | *0.22* | |
| | | *For Curved Wall Application, Add* | *1.58* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *11.96* | |
| 04 22 23 13-0005 | SF | 6" x 8" x 16", Cored, Lightweight, Concrete Block | 9.95 | |
| | | *For Stacked Bond, Add* | *2.23* | |
| | | *For Scored Block, Add* | *0.28* | |
| | | *For Curved Wall Application, Add* | *1.71* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *12.96* | |
| 04 22 23 13-0006 | SF | 8" x 8" x 16", Cored, Lightweight, Concrete Block | 10.75 | |
| | | *For Stacked Bond, Add* | *2.39* | |
| | | *For Scored Block, Add* | *0.31* | |
| | | *For Curved Wall Application, Add* | *1.84* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *13.92* | |
| 04 22 23 13-0007 | SF | 10" x 8" x 16", Cored, Lightweight, Concrete Block | 11.69 | |
| | | *For Stacked Bond, Add* | *2.50* | |
| | | *For Scored Block, Add* | *0.41* | |
| | | *For Curved Wall Application, Add* | *1.92* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *14.59* | |
| 04 22 23 13-0008 | SF | 12" x 8" x 16", Cored, Lightweight, Concrete Block | 14.07 | |
| | | *For Stacked Bond, Add* | *3.08* | |
| | | *For Scored Block, Add* | *0.44* | |
| | | *For Curved Wall Application, Add* | *2.37* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *17.94* | |

### 04 22 23 13-0009 Solid, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 04 22 23 13-0010 | SF | 4" x 8" x 16", Solid, Lightweight, Concrete Block | 9.57 | |
| | | *For Stacked Bond, Add* | *2.11* | |
| | | *For Scored Block, Add* | *0.29* | |
| | | *For Curved Wall Application, Add* | *1.62* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *12.29* | |
| 04 22 23 13-0011 | SF | 6" x 8" x 16", Solid, Lightweight, Concrete Block | 10.50 | |
| | | *For Stacked Bond, Add* | *2.32* | |
| | | *For Scored Block, Add* | *0.31* | |
| | | *For Curved Wall Application, Add* | *1.79* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *13.51* | |
| 04 22 23 13-0012 | SF | 8" x 8" x 16", Solid, Lightweight, Concrete Block | 11.10 | |
| | | *For Stacked Bond, Add* | *2.46* | |
| | | *For Scored Block, Add* | *0.32* | |
| | | *For Curved Wall Application, Add* | *1.90* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *14.34* | |
| 04 22 23 13-0013 | SF | 10" x 8" x 16", Solid, Lightweight, Concrete Block | 12.17 | |
| | | *For Stacked Bond, Add* | *2.58* | |
| | | *For Scored Block, Add* | *0.45* | |
| | | *For Curved Wall Application, Add* | *1.99* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 22 23 13-0014 | SF | 12" x 8" x 16", Solid, Lightweight, Concrete Block | 14.63 | |
| | | *For Stacked Bond, Add* | *3.18* | |
| | | *For Scored Block, Add* | *0.48* | |
| | | *For Curved Wall Application, Add* | *2.45* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *18.54* | |

### 04 22 23 13-0015 Normal Weight Concrete Blocks *(04 22 23 13-0001)*

### 04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

| | | | | |
|---|---|---|---|---|
| 04 22 23 13-0017 | SF | 4" x 8" x 16", Cored, Normal Weight, Concrete Block | 9.20 | |
| | | *For Stacked Bond, Add* | *2.11* | |
| | | *For Scored Block, Add* | *0.22* | |
| | | *For Curved Wall Application, Add* | *1.62* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *12.26* | |
| 04 22 23 13-0018 | SF | 6" x 8" x 16", Cored, Normal Weight, Concrete Block | 10.17 | |
| | | *For Stacked Bond, Add* | *2.32* | |
| | | *For Scored Block, Add* | *0.25* | |
| | | *For Curved Wall Application, Add* | *1.79* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *13.49* | |
| 04 22 23 13-0019 | SF | 8" x 8" x 16", Cored, Normal Weight, Concrete Block | 10.91 | |
| | | *For Stacked Bond, Add* | *2.46* | |
| | | *For Scored Block, Add* | *0.29* | |
| | | *For Curved Wall Application, Add* | *1.90* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *14.33* | |
| 04 22 23 13-0020 | SF | 10" x 8" x 16", Cored, Normal Weight, Concrete Block | 12.69 | |
| | | *For Stacked Bond, Add* | *2.58* | |
| | | *For Scored Block, Add* | *0.55* | |
| | | *For Curved Wall Application, Add* | *1.99* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.10* | |
| 04 22 23 13-0021 | SF | 12" x 8" x 16", Cored, Normal Weight, Concrete Block | 15.08 | |
| | | *For Stacked Bond, Add* | *3.18* | |
| | | *For Scored Block, Add* | *0.57* | |
| | | *For Curved Wall Application, Add* | *2.45* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *18.57* | |

### 04 22 23 13-0022 Solid, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

| | | | | |
|---|---|---|---|---|
| 04 22 23 13-0023 | SF | 4" x 8" x 16", Solid, Normal Weight, Concrete Block | 9.72 | |
| | | *For Stacked Bond, Add* | *2.17* | |
| | | *For Scored Block, Add* | *0.28* | |
| | | *For Curved Wall Application, Add* | *1.67* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *12.61* | |
| 04 22 23 13-0024 | SF | 6" x 8" x 16", Solid, Normal Weight, Concrete Block | 10.47 | |
| | | *For Stacked Bond, Add* | *2.39* | |
| | | *For Scored Block, Add* | *0.25* | |
| | | *For Curved Wall Application, Add* | *1.84* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *13.90* | |
| 04 22 23 13-0025 | SF | 8" x 8" x 16", Solid, Normal Weight, Concrete Block | 11.25 | |
| | | *For Stacked Bond, Add* | *2.54* | |
| | | *For Scored Block, Add* | *0.30* | |
| | | *For Curved Wall Application, Add* | *1.95* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *14.77* | |
| 04 22 23 13-0026 | SF | 10" x 8" x 16", Solid, Normal Weight, Concrete Block | 12.23 | |
| | | *For Stacked Bond, Add* | *2.67* | |
| | | *For Scored Block, Add* | *0.40* | |
| | | *For Curved Wall Application, Add* | *2.05* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.52* | |
| 04 22 23 13-0027 | SF | 12" x 8" x 16", Solid, Normal Weight, Concrete Block | 14.74 | |
| | | *For Stacked Bond, Add* | *3.29* | |
| | | *For Scored Block, Add* | *0.41* | |
| | | *For Curved Wall Application, Add* | *2.53* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *19.16* | |

### 04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

### 04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

| | | | | |
|---|---|---|---|---|
| 04 22 23 13-0030 | LF | 6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block | 10.27 | |
| | | *For Stacked Bond, Add* | *2.23* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *5.99* | |
| | | *For Scored Block, Add* | *0.34* | |
| | | *For Curved Wall Application, Add* | *1.71* | |
| 04 22 23 13-0031 | LF | 8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block | 11.25 | |
| | | *For Stacked Bond, Add* | *2.39* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *6.65* | |
| | | *For Scored Block, Add* | *0.41* | |
| | | *For Curved Wall Application, Add* | *1.84* | |
| 04 22 23 13-0032 | LF | 12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block | 14.03 | |
| | | *For Stacked Bond, Add* | *3.08* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *8.11* | |
| | | *For Scored Block, Add* | *0.44* | |
| | | *For Curved Wall Application, Add* | *2.37* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 22 23 13-0033 | | Normal Weight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)* | | |
| | | Note: Excludes concrete fill and reinforcing. | | |
| 04 22 23 13-0034 | LF | 6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block | 10.39 | |
| | | *For Stacked Bond, Add* | *2.32* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *5.93* | |
| | | *For Scored Block, Add* | *0.29* | |
| | | *For Curved Wall Application, Add* | *1.79* | |
| 04 22 23 13-0035 | LF | 8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block | 11.29 | |
| | | *For Stacked Bond, Add* | *2.46* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *6.55* | |
| | | *For Scored Block, Add* | *0.36* | |
| | | *For Curved Wall Application, Add* | *1.90* | |
| 04 22 23 13-0036 | LF | 12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block | 14.18 | |
| | | *For Stacked Bond, Add* | *3.18* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *8.06* | |
| | | *For Scored Block, Add* | *0.39* | |
| | | *For Curved Wall Application, Add* | *2.45* | |
| **04 22 23 23** | | **Prefaced Concrete Unit Masonry** *(04 22 23)* | | |
| 04 22 23 23-0001 | | Ground Face Concrete Blocks *(04 22 23 23)* | | |
| 04 22 23 23-0002 | SF | 4" x 8" x 16", Ground Face, Concrete Block | 11.67 | |
| | | *For Stacked Bond, Add* | *2.58* | |
| | | *For Scored Block, Add* | *0.35* | |
| | | *For Curved Wall Application, Add* | *1.99* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.03* | |
| 04 22 23 23-0003 | SF | 6" x 8" x 16", Ground Face, Concrete Block | 13.15 | |
| | | *For Stacked Bond, Add* | *2.90* | |
| | | *For Scored Block, Add* | *0.40* | |
| | | *For Curved Wall Application, Add* | *2.23* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *16.90* | |
| 04 22 23 23-0004 | SF | 8" x 8" x 16", Ground Face, Concrete Block | 14.14 | |
| | | *For Stacked Bond, Add* | *3.07* | |
| | | *For Scored Block, Add* | *0.47* | |
| | | *For Curved Wall Application, Add* | *2.36* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *17.88* | |
| 04 22 23 23-0005 | SF | 10" x 8" x 16", Ground Face, Concrete Block | 15.09 | |
| | | *For Stacked Bond, Add* | *3.25* | |
| | | *For Scored Block, Add* | *0.52* | |
| | | *For Curved Wall Application, Add* | *2.50* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *18.96* | |
| 04 22 23 23-0006 | SF | 12" x 8" x 16", Ground Face, Concrete Block | 18.12 | |
| | | *For Stacked Bond, Add* | *3.98* | |
| | | *For Scored Block, Add* | *0.56* | |
| | | *For Curved Wall Application, Add* | *3.06* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *23.16* | |
| **04 22 23 26** | | **Sound-Absorbing Concrete Unit Masonry** *(04 22 23)* | | |
| 04 22 23 26-0001 | | Slotted, Acoustical Concrete Block *(04 22 23 26)* | | |
| 04 22 23 26-0002 | SF | 4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block | 14.73 | |
| | | *For Stacked Bond, Add* | *2.58* | |
| | | *For Curved Wall Application, Add* | *1.99* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.26* | |
| 04 22 23 26-0003 | SF | 6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block | 16.42 | |
| | | *For Stacked Bond, Add* | *2.81* | |
| | | *For Curved Wall Application, Add* | *2.16* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *16.61* | |
| 04 22 23 26-0004 | SF | 8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block | 18.74 | |
| | | *For Stacked Bond, Add* | *3.07* | |
| | | *For Curved Wall Application, Add* | *2.36* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *18.22* | |
| **04 22 23 29** | | **Split-Face Concrete Unit Masonry** *(04 22 23)* | | |
| 04 22 23 29-0001 | | Split Face, Concrete Blocks *(04 22 23 29)* | | |
| 04 22 23 29-0002 | | Plain Or Scored, Split Face, Concrete Blocks *(04 22 23 29-0001)* | | |
| 04 22 23 29-0003 | SF | 4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block | 11.88 | |
| | | *For Stacked Bond, Add* | *2.58* | |
| | | *For Curved Wall Application, Add* | *1.99* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.04* | |
| 04 22 23 29-0004 | SF | 6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block | 13.39 | |
| | | *For Stacked Bond, Add* | *2.90* | |
| | | *For Curved Wall Application, Add* | *2.23* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *16.92* | |
| 04 22 23 29-0005 | SF | 8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block | 14.42 | |
| | | *For Stacked Bond, Add* | *3.07* | |
| | | *For Curved Wall Application, Add* | *2.36* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *17.90* | |
| 04 22 23 29-0006 | SF | 10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block | 15.42 | |
| | | *For Stacked Bond, Add* | *3.25* | |
| | | *For Curved Wall Application, Add* | *2.50* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *18.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 22 23 29-0007 | SF | 12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block | 18.11 | |
| | | *For Stacked Bond, Add* | *3.98* | |
| | | *For Curved Wall Application, Add* | *3.06* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *23.16* | |
| 04 22 23 29-0008 | | Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)* | | |
| 04 22 23 29-0009 | SF | 4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block | 12.36 | |
| | | *For Stacked Bond, Add* | *2.58* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *7.40* | |
| | | *For Curved Wall Application, Add* | *1.99* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.08* | |
| 04 22 23 29-0010 | SF | 6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block | 13.95 | |
| | | *For Stacked Bond, Add* | *2.90* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *8.37* | |
| | | *For Curved Wall Application, Add* | *2.23* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *16.96* | |
| 04 22 23 29-0011 | SF | 8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block | 15.07 | |
| | | *For Stacked Bond, Add* | *3.07* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *9.17* | |
| | | *For Curved Wall Application, Add* | *2.36* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *17.95* | |
| 04 22 23 29-0012 | SF | 10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block | 16.15 | |
| | | *For Stacked Bond, Add* | *3.25* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *9.90* | |
| | | *For Curved Wall Application, Add* | *2.50* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *19.04* | |
| 04 22 23 29-0013 | SF | 12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block | 18.81 | |
| | | *For Stacked Bond, Add* | *3.98* | |
| | | *For Grout And Fill With 2 #5 Rebar, Add* | *11.16* | |
| | | *For Curved Wall Application, Add* | *3.06* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *23.21* | |
| 04 22 23 29-0014 | | Split Rib, Concrete Block *(04 22 23 29)* | | |
| 04 22 23 29-0015 | | Split Rib, Concrete Block *(04 22 23 29-0014)* | | |
| 04 22 23 29-0016 | SF | 4" x 8" x 16", Split Rib, Concrete Block | 11.72 | |
| | | *For Stacked Bond, Add* | *2.58* | |
| | | *For Curved Wall Application, Add* | *1.99* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.03* | |
| 04 22 23 29-0017 | SF | 6" x 8" x 16", Split Rib, Concrete Block | 13.75 | |
| | | *For Stacked Bond, Add* | *2.90* | |
| | | *For Curved Wall Application, Add* | *2.23* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *16.95* | |
| 04 22 23 29-0018 | SF | 8" x 8" x 16", Split Rib, Concrete Block | 14.61 | |
| | | *For Stacked Bond, Add* | *3.07* | |
| | | *For Curved Wall Application, Add* | *2.36* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *17.91* | |
| 04 22 23 29-0019 | SF | 10" x 8" x 16", Split Rib, Concrete Block | 15.58 | |
| | | *For Stacked Bond, Add* | *3.25* | |
| | | *For Curved Wall Application, Add* | *2.50* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *19.00* | |
| 04 22 23 29-0020 | SF | 12" x 8" x 16", Split Rib, Concrete Block | 18.66 | |
| | | *For Stacked Bond, Add* | *3.98* | |
| | | *For Curved Wall Application, Add* | *3.06* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *23.20* | |
| **04 22 23 31** | | **Glazed Concrete Masonry Unit** *(04 22 23)* | | |
| 04 22 23 31-0001 | | One Glazed Face, Concrete Blocks *(04 22 23 31)* | | |
| 04 22 23 31-0002 | | One Glazed Face, Concrete Blocks *(04 22 23 31-0001)* | | |
| 04 22 23 31-0003 | SF | 4" x 8" x 16", One Glazed Face, Concrete Block | 18.23 | |
| | | *For Stacked Bond, Add* | *2.50* | |
| | | *For Curved Wall Application, Add* | *1.92* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *15.08* | |
| 04 22 23 31-0004 | SF | 6" x 8" x 16", One Glazed Face, Concrete Block | 19.61 | |
| | | *For Stacked Bond, Add* | *2.76* | |
| | | *For Curved Wall Application, Add* | *2.12* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *16.58* | |
| 04 22 23 31-0005 | SF | 8" x 8" x 16", One Glazed Face, Concrete Block | 20.75 | |
| | | *For Stacked Bond, Add* | *2.90* | |
| | | *For Curved Wall Application, Add* | *2.23* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *17.47* | |
| 04 22 23 31-0006 | SF | 10" x 8" x 16", One Glazed Face, Concrete Block | 21.97 | |
| | | *For Stacked Bond, Add* | *3.07* | |
| | | *For Curved Wall Application, Add* | *2.36* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *18.46* | |
| 04 22 23 31-0007 | SF | 12" x 8" x 16", One Glazed Face, Concrete Block | 25.08 | |
| | | *For Stacked Bond, Add* | *3.75* | |
| | | *For Curved Wall Application, Add* | *2.88* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *22.42* | |
| 04 22 23 31-0008 | | Two Glazed Faces, Concrete Blocks *(04 22 23 31)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 22 23 31-0009 | | Two Glazed Faces, Concrete Blocks *(04 22 23 31-0008)* | | |
| 04 22 23 31-0010 | SF | 4" x 8" x 16", Two Glazed Faces, Concrete Block | 23.76 | |
| | | *For Stacked Bond, Add* | *2.85* | |
| | | *For Curved Wall Application, Add* | *2.20* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *17.43* | |
| 04 22 23 31-0011 | SF | 6" x 8" x 16", Two Glazed Faces, Concrete Block | 25.01 | |
| | | *For Stacked Bond, Add* | *3.07* | |
| | | *For Curved Wall Application, Add* | *2.36* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *18.69* | |
| 04 22 23 31-0012 | SF | 8" x 8" x 16", Two Glazed Faces, Concrete Block | 26.81 | |
| | | *For Stacked Bond, Add* | *3.39* | |
| | | *For Curved Wall Application, Add* | *2.61* | |
| | | *For <10, Small Area Replacements (Individual Areas), Add* | *20.58* | |

## 04 23 Glass Unit Masonry *(04 20)*

### 04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

#### 04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

| | | | | |
|---|---|---|---|---|
| 04 23 13 00-0002 | SF | 6" x 6" x 4" Plain Glass Block | 60.97 | |
| | | *For Solar Reflective (Suntrol) Blocks, Add* | *12.48* | |
| | | *For Essex (Horizontal Striated) Blocks, Add* | *7.13* | |
| | | *For Sculptured Or Patterned Blocks, Add* | *12.48* | |
| | | *For Colored Glass, Add* | *35.66* | |
| | | *For Thinline Block, Deduct* | *-8.92* | |
| | | *For >1,000 To 5,000, Deduct* | *-4.30* | |
| | | *For >5,000, Deduct* | *-7.34* | |
| 04 23 13 00-0003 | SF | 8" x 8" x 4" Plain Glass Block | 43.85 | |
| | | *For Solar Reflective (Suntrol) Blocks, Add* | *8.83* | |
| | | *For Essex (Horizontal Striated) Blocks, Add* | *5.05* | |
| | | *For Sculptured Or Patterned Blocks, Add* | *8.83* | |
| | | *For Colored Glass, Add* | *25.24* | |
| | | *For Thinline Block, Deduct* | *-6.31* | |
| | | *For >1,000 To 5,000, Deduct* | *-3.11* | |
| | | *For >5,000, Deduct* | *-5.30* | |
| 04 23 13 00-0004 | SF | 12" x 12" x 4" Plain Glass Block | 49.37 | |
| | | *For Solar Reflective (Suntrol) Blocks, Add* | *11.29* | |
| | | *For Essex (Horizontal Striated) Blocks, Add* | *6.45* | |
| | | *For Sculptured Or Patterned Blocks, Add* | *11.29* | |
| | | *For Colored Glass, Add* | *32.25* | |
| | | *For Thinline Block, Deduct* | *-8.06* | |
| | | *For >1,000 To 5,000, Deduct* | *-3.31* | |
| | | *For >5,000, Deduct* | *-5.78* | |

#### 04 23 13 00-0005 Solid Glass Block (Vistabrik®) *(04 23 13)*

| | | | | |
|---|---|---|---|---|
| 04 23 13 00-0006 | SF | 3" x 8" x 3" Solid Glass Block (Vistabrik®) | 621.82 | |
| 04 23 13 00-0007 | SF | 4" x 8" x 3" Solid Glass Block (Vistabrik®) | 470.74 | |
| 04 23 13 00-0008 | SF | 6" x 8" x 3" Solid Glass Block (Vistabrik®) | 321.47 | |
| 04 23 13 00-0009 | SF | 8" x 8" x 3" Solid Glass Block (Vistabrik®) | 224.95 | |

## 04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

## 04 41 Dry-Placed Stone *(04 40)*

#### 04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*

| | | | | |
|---|---|---|---|---|
| 04 41 00 00-0002 | SF | 4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone | 21.78 | 5.96 |
| 04 41 00 00-0003 | SF | 6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone | 22.21 | 5.96 |

## 04 42 Exterior Stone Cladding *(04 40)*

### 04 42 43 Stone Panels for Curtain Walls *(04 42)*

#### 04 42 43 00-0001 Marble Facing Panels *(04 42 43)*

Note: 3' x 1.5'

| | | | | |
|---|---|---|---|---|
| 04 42 43 00-0002 | SF | 3/4" Thick Marble Facing Panels | 60.07 | 13.82 |
| 04 42 43 00-0003 | SF | 7/8" Thick Marble Facing Panels | 63.54 | 14.00 |
| 04 42 43 00-0004 | SF | 1-1/2" Thick Marble Facing Panels | 73.68 | 14.27 |
| 04 42 43 00-0005 | SF | 2" Thick Marble Facing Panels | 81.11 | 14.72 |
| 04 42 43 00-0006 | SF | 2-1/4" Thick Marble Facing Panels | 86.46 | 15.61 |
| 04 42 43 00-0007 | CF | Marble Face Panel | 366.86 | 50.83 |

#### 04 42 43 00-0008 Smooth Limestone Panels *(04 42 43)*

Note: Up to 12' x 5' panels.

| | | | | |
|---|---|---|---|---|
| 04 42 43 00-0009 | SF | 1-1/2" Thick Smooth Limestone Panels | 49.50 | 27.73 |
| 04 42 43 00-0010 | SF | 2" Thick Smooth Limestone Panels | 52.55 | 29.08 |
| 04 42 43 00-0011 | SF | 3" Thick Smooth Limestone Panels | 55.77 | 30.41 |
| 04 42 43 00-0012 | SF | 4" Thick Smooth Limestone Panels | 64.92 | 33.44 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 42 43 00-0013 | | **Sandstone Panels** *(04 42 43)* | | |
| 04 42 43 00-0014 | SF | 2-1/2" Thick Sandstone Panels | 57.20 | 29.08 |
| 04 42 43 00-0015 | SF | 4" Thick Sandstone Panels | 62.56 | 33.44 |
| 04 42 43 00-0016 | SF | Split Face Sandstone Panels, Random Sizes | 57.05 | 33.44 |

## 04 43 Stone Masonry *(04 40)*

### 04 43 16 Stone Fabrications *(04 43)*

| | | | | |
|---|---|---|---|---|
| 04 43 16 00-0001 | | **Marble** *(04 43 16)* | | |
| 04 43 16 00-0002 | | **Marble Base** *(04 43 16 00-0001)* | | |
| | | Note: 1" thick. | | |
| 04 43 16 00-0003 | LF | 4" High Marble Base | 86.56 | 54.13 |
| 04 43 16 00-0004 | LF | 6" High Marble Base | 98.50 | 58.96 |
| 04 43 16 00-0005 | | **Marble Columns** *(04 43 16 00-0001)* | | |
| 04 43 16 00-0006 | CF | Plain Faced Solid Marble Columns | 250.53 | 50.83 |
| 04 43 16 00-0007 | CF | Fluted, Carved Solid Marble Columns | 421.46 | 50.83 |
| 04 43 16 00-0008 | | **Marble Flooring** *(04 43 16 00-0001)* | | |
| 04 43 16 00-0009 | SF | 3/8" Uniform Color Marble Flooring | 24.62 | 12.39 |
| 04 43 16 00-0010 | SF | 1/2" Uniform Color Marble Flooring | 26.52 | 12.39 |
| 04 43 16 00-0011 | SF | 1/2" Travertine Marble Flooring | 31.88 | 14.15 |
| 04 43 16 00-0012 | | **Marble Items** *(04 43 16 00-0001)* | | |
| 04 43 16 00-0013 | LF | 12" Wide Marble Stair Treads | 66.96 | 19.51 |
| 04 43 16 00-0014 | LF | 6" Wide Marble Stair Risers | 50.90 | 15.64 |
| 04 43 16 00-0015 | LF | 6" Wide x 2" Thick Marble Window Sills | 30.22 | 11.59 |
| 04 43 16 00-0016 | LF | 5" Wide x 7/8" Thick Marble Window Stool, Polished | 59.78 | 14.22 |
| 04 43 16 00-0017 | SF | 7/8" Thick, Non Skid, Marble Patio Blocks | 32.70 | 17.96 |
| 04 43 16 00-0018 | | **Limestone** *(04 43 16)* | | |
| 04 43 16 00-0019 | | **Ashlar Veneer Limestone** *(04 43 16 00-0018)* | | |
| 04 43 16 00-0020 | SF | 4" Ashlar Veneer Limestone, Random Sizes | 50.77 | 19.51 |
| 04 43 16 00-0021 | SF | 6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes | 77.70 | 26.80 |
| 04 43 16 00-0022 | | **Limestone Items** *(04 43 16 00-0018)* | | |
| 04 43 16 00-0023 | CF | Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim | 153.78 | 66.00 |
| 04 43 16 00-0024 | | **Limestone Coping** *(04 43 16 00-0018)* | | |
| | | Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties. | | |
| 04 43 16 00-0025 | SF | 2-1/2" Thick Limestone Coping | 24.90 | 7.13 |
| 04 43 16 00-0026 | SF | 3" Thick Limestone Coping | 27.92 | 7.58 |
| 04 43 16 00-0027 | SF | 3-1/2" Thick Limestone Coping | 30.93 | 8.03 |
| 04 43 16 00-0028 | SF | 4" Thick Limestone Coping | 33.06 | 8.29 |
| 04 43 16 00-0029 | SF | 5" Thick Limestone Coping | 38.20 | 8.47 |
| 04 43 16 00-0030 | SF | 6" Thick Limestone Coping | 55.86 | 8.92 |
| 04 43 16 00-0031 | CF | >6" Thick Limestone Coping | 90.88 | 17.60 |
| 04 43 16 00-0032 | | **Limestone Stair Treads** *(04 43 16 00-0018)* | | |
| 04 43 16 00-0033 | SF | 2" Thick Limestone Treads | 29.60 | 6.69 |
| 04 43 16 00-0034 | SF | 2-1/2" Thick Limestone Treads | 31.50 | 7.13 |
| 04 43 16 00-0035 | SF | 3" Thick Limestone Treads | 35.30 | 7.58 |
| 04 43 16 00-0036 | SF | 3-1/2" Thick Limestone Treads | 38.22 | 8.03 |
| 04 43 16 00-0037 | SF | 4" Thick Limestone Treads | 41.13 | 8.03 |
| 04 43 16 00-0038 | SF | 5" Thick Limestone Treads | 45.17 | 8.47 |
| 04 43 16 00-0039 | SF | 6" Thick Limestone Tread, Smooth Finish | 62.88 | 8.92 |
| 04 43 16 00-0040 | | **Granite** *(04 43 16)* | | |
| 04 43 16 00-0041 | | **Polished Granite Veneer Facing Panels** *(04 43 16 00-0040)* | | |
| | | Note: Excludes structural support steel. | | |
| 04 43 16 00-0042 | SF | 7/8" Thick Black Polished Granite Veneer Facing Panels | 85.23 | 27.92 |
| 04 43 16 00-0043 | SF | 7/8" Thick Gray Polished Granite Veneer Facing Panels | 77.63 | 27.92 |
| 04 43 16 00-0044 | | **Granite Stair Treads** *(04 43 16 00-0040)* | | |
| 04 43 16 00-0045 | SF | 2" Thick Granite Stair Tread | 49.85 | 6.69 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 43 16 00-0046 | | Slate *(04 43 16)* | | |
| 04 43 16 00-0047 | | Slate Panels Or Sills *(04 43 16 00-0046)* | | |
| 04 43 16 00-0048 | SF | 1" Thick Slate Panels | 51.19 | 27.92 |
| 04 43 16 00-0049 | SF | 2" Thick Slate Panels | 60.25 | 27.92 |
| 04 43 16 00-0050 | | Slate Sills Or Stools *(04 43 16 00-0046)* | | |
| 04 43 16 00-0051 | LF | 6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish | 22.96 | 11.66 |
| 04 43 16 00-0052 | LF | 10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish | 28.72 | 11.66 |
| 04 43 16 00-0053 | LF | 6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish | 27.91 | 11.66 |
| 04 43 16 00-0054 | LF | 10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish | 40.27 | 11.66 |
| 04 43 16 00-0055 | | Slate Stair Treads *(04 43 16 00-0046)* | | |
| 04 43 16 00-0056 | SF | 2" Thick Slate Stair Tread | 35.20 | 6.69 |

## 04 50 Refractory Masonry *(04)*

### 04 51 Flue Liner Masonry *(04 50)*

Note: Includes mortar joints.

| | | | | |
|---|---|---|---|---|
| 04 51 00 00-0001 | | Rectangular Flue Liners *(04 51)* | | |
| 04 51 00 00-0002 | VLF | 4" x 8" Clay Flue Liners | 16.77 | |
| 04 51 00 00-0003 | VLF | 8" x 8" Clay Flue Liners | 23.62 | |
| 04 51 00 00-0004 | VLF | 8" x 12" Clay Flue Liners | 26.78 | |
| 04 51 00 00-0005 | VLF | 12" x 12" Clay Flue Liners | 33.44 | |
| 04 51 00 00-0006 | VLF | 12" x 16" Clay Flue Liners | 41.36 | |
| 04 51 00 00-0007 | VLF | 12" x 18" Clay Flue Liners | 47.23 | |
| 04 51 00 00-0008 | VLF | 16" x 16" Clay Flue Liners | 51.37 | |
| 04 51 00 00-0009 | VLF | 16" x 20" Clay Flue Liners | 64.03 | |
| 04 51 00 00-0010 | VLF | 18" x 18" Clay Flue Liners | 68.49 | |
| 04 51 00 00-0011 | VLF | 20" x 20" Clay Flue Liners | 88.80 | |
| 04 51 00 00-0012 | VLF | 20" x 24" Clay Flue Liners | 96.80 | |
| 04 51 00 00-0013 | VLF | 24" x 24" Clay Flue Liners | 115.26 | |
| 04 51 00 00-0014 | | Round Flue Liners *(04 51)* | | |
| 04 51 00 00-0015 | VLF | 6" Diameter Clay Flue Liners | 42.25 | |
| 04 51 00 00-0016 | VLF | 8" Diameter Clay Flue Liners | 62.67 | |
| 04 51 00 00-0017 | VLF | 10" Diameter Clay Flue Liners | 83.09 | |
| 04 51 00 00-0018 | VLF | 12" Diameter Clay Flue Liners | 101.62 | |
| 04 51 00 00-0019 | VLF | 15" Diameter Clay Flue Liners | 125.25 | |
| 04 51 00 00-0020 | VLF | 18" Diameter Clay Flue Liners | 135.44 | |
| 04 51 00 00-0021 | VLF | 21" Diameter Clay Flue Liners | 173.16 | |
| 04 51 00 00-0022 | VLF | 24" Diameter Clay Flue Liners | 212.92 | |
| 04 51 00 00-0023 | VLF | 27" Diameter Clay Flue Liners | 245.81 | |
| 04 51 00 00-0024 | VLF | 30" Diameter Clay Flue Liners | 279.70 | |
| 04 51 00 00-0025 | VLF | 33" Diameter Clay Flue Liners | 292.85 | |
| 04 51 00 00-0026 | VLF | 36" Diameter Clay Flue Liners | 299.37 | |
| 04 51 00 00-0027 | | Standard Chimney Block *(04 51)* | | |
| | | Note: Includes refractory mortar. Excludes flue liners. | | |
| 04 51 00 00-0028 | EA | 14" x 14" x 8" Concrete Block Chimney Unit | 25.85 | |
| 04 51 00 00-0029 | EA | 14" x 18" x 8" Concrete Block Chimney Unit | 28.51 | |
| 04 51 00 00-0030 | EA | 16" x 16" x 8" Concrete Block Chimney Unit | 28.69 | |
| 04 51 00 00-0031 | EA | 17" x 17" x 8" Concrete Block Chimney Unit | 30.14 | |
| 04 51 00 00-0032 | EA | 16" x 20" x 8" Concrete Block Chimney Unit | 31.78 | |
| 04 51 00 00-0033 | EA | 17" x 21" x 8" Concrete Block Chimney Unit | 33.55 | |
| 04 51 00 00-0034 | EA | 21" x 21" x 8" Concrete Block Chimney Unit | 37.98 | |

## 04 70 Manufactured Masonry *(04)*

### 04 72 Cast Stone Masonry *(04 70)*

| | | | | |
|---|---|---|---|---|
| 04 72 00 00-0001 | | Precast Concrete Lintels *(04 72)* | | |
| 04 72 00 00-0002 | | Solid Precast Concrete Lintels *(04 72 00 00-0001)* | | |
| 04 72 00 00-0003 | LF | 4" x 8", Solid Precast Concrete Lintel | 14.42 | |
| 04 72 00 00-0004 | LF | 6" x 8", Solid Precast Concrete Lintel | 18.68 | |
| 04 72 00 00-0005 | LF | 8" x 8", Solid Precast Concrete Lintel | 23.28 | |
| 04 72 00 00-0006 | | U Shaped Precast Concrete Lintels *(04 72 00 00-0001)* | | |
| | | Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill. | | |
| 04 72 00 00-0007 | LF | 6" x 8", U Shaped Precast Concrete Lintel | 15.48 | |
| 04 72 00 00-0008 | LF | 8" x 8", U Shaped Precast Concrete Lintel | 18.94 | |
| 04 72 00 00-0009 | LF | 12" x 8", U Shaped Precast Concrete Lintel | 31.98 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 04 72 00 00-0010 | | **Precast Concrete Coping** *(04 72)*<br>Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 43 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings. | | |
| 04 72 00 00-0011 | | **Precast Concrete Coping** *(04 72 00 00-0010)*<br>Note: Measured at highest point. | | |
| 04 72 00 00-0012 | SF | 2" Thick Precast Concrete Coping | 34.82 | 9.54 |
| 04 72 00 00-0013 | SF | 2-1/2" Thick Precast Concrete Coping | 38.28 | 10.27 |
| 04 72 00 00-0014 | SF | 3" Thick Precast Concrete Coping | 43.71 | 11.00 |
| 04 72 00 00-0015 | SF | 3-1/2" Thick Precast Concrete Coping | 46.40 | 11.74 |
| 04 72 00 00-0016 | SF | 4" Thick Precast Concrete Coping | 49.11 | 12.46 |
| 04 72 00 00-0017 | SF | 5" Thick Precast Concrete Coping | 57.40 | 13.20 |
| 04 72 00 00-0018 | SF | 6" Thick Precast Concrete Coping | 64.47 | 13.93 |
| 04 72 00 00-0019 | | **Precast Concrete Window Sills** *(04 72)*<br>Note: Includes caulk and ties. | | |
| 04 72 00 00-0020 | | **Precast Concrete Window Sills** *(04 72 00 00-0019)* | | |
| 04 72 00 00-0021 | LF | 6" Wide Precast Concrete Window Sill | 25.00 | 7.33 |
| 04 72 00 00-0022 | LF | 10" Wide Precast Concrete Window Sill | 35.24 | 7.33 |
| 04 72 00 00-0023 | LF | 14" Wide Precast Concrete Window Sill | 40.64 | 7.33 |

**END OF SECTION 04**

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 05 Metals

## 05 05 Common Work Results for Metals *(05)*

### 05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

#### 05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

#### 05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*

Note: Includes drilling.

#### 05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

#### 05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0005 | EA | 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 9.14 | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-0.87* | |
| | | *For >100, Deduct* | *-1.74* | |
| 05 05 19 00-0006 | EA | 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 9.24 | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-0.87* | |
| | | *For >100, Deduct* | *-1.74* | |
| 05 05 19 00-0007 | EA | 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 9.53 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.90* | |
| | | *For >100, Deduct* | *-1.79* | |
| 05 05 19 00-0008 | EA | 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 11.24 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.12* | |
| 05 05 19 00-0009 | EA | 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 11.31 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.13* | |
| 05 05 19 00-0010 | EA | 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 11.34 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.13* | |
| 05 05 19 00-0011 | EA | 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 11.61 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.07* | |
| | | *For >100, Deduct* | *-2.14* | |
| 05 05 19 00-0012 | EA | 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 16.31 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.52* | |
| | | *For >100, Deduct* | *-3.03* | |
| 05 05 19 00-0013 | EA | 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 16.37 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.52* | |
| | | *For >100, Deduct* | *-3.04* | |
| 05 05 19 00-0014 | EA | 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 16.48 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.52* | |
| | | *For >100, Deduct* | *-3.04* | |
| 05 05 19 00-0015 | EA | 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 16.77 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.53* | |
| | | *For >100, Deduct* | *-3.06* | |
| 05 05 19 00-0016 | EA | 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 17.20 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.54* | |
| | | *For >100, Deduct* | *-3.08* | |
| 05 05 19 00-0017 | EA | 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 21.32 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.90* | |
| | | *For >100, Deduct* | *-3.80* | |
| 05 05 19 00-0018 | EA | 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 21.41 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.90* | |
| | | *For >100, Deduct* | *-3.81* | |
| 05 05 19 00-0019 | EA | 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 21.60 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.91* | |
| | | *For >100, Deduct* | *-3.82* | |
| 05 05 19 00-0020 | EA | 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 21.97 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.92* | |
| | | *For >100, Deduct* | *-3.84* | |
| 05 05 19 00-0021 | EA | 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 22.34 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100, Deduct* | *-3.85* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0022 | EA | 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 25.26 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.00* | |
| | | *For >100, Deduct* | *-4.00* | |
| 05 05 19 00-0023 | EA | 5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 27.76 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.06* | |
| | | *For >100, Deduct* | *-4.13* | |
| 05 05 19 00-0024 | EA | 3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 25.77 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.27* | |
| | | *For >100, Deduct* | *-4.55* | |
| 05 05 19 00-0025 | EA | 3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 25.85 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.28* | |
| | | *For >100, Deduct* | *-4.55* | |
| 05 05 19 00-0026 | EA | 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 26.30 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.29* | |
| | | *For >100, Deduct* | *-4.57* | |
| 05 05 19 00-0027 | EA | 3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 26.84 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.30* | |
| | | *For >100, Deduct* | *-4.60* | |
| 05 05 19 00-0028 | EA | 3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 27.45 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.32* | |
| | | *For >100, Deduct* | *-4.63* | |
| 05 05 19 00-0029 | EA | 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 29.79 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.37* | |
| | | *For >100, Deduct* | *-4.75* | |
| 05 05 19 00-0030 | EA | 3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 32.90 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.45* | |
| | | *For >100, Deduct* | *-4.90* | |
| 05 05 19 00-0031 | EA | 3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 36.42 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.54* | |
| | | *For >100, Deduct* | *-5.08* | |
| 05 05 19 00-0032 | EA | 7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 35.15 | |
| | | *For >10 To 50, Deduct* | *-1.18* | |
| | | *For >50 To 100, Deduct* | *-2.65* | |
| | | *For >100, Deduct* | *-5.29* | |
| 05 05 19 00-0033 | EA | 7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 37.00 | |
| | | *For >10 To 50, Deduct* | *-1.18* | |
| | | *For >50 To 100, Deduct* | *-2.69* | |
| | | *For >100, Deduct* | *-5.39* | |
| 05 05 19 00-0034 | EA | 7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 39.45 | |
| | | *For >10 To 50, Deduct* | *-1.18* | |
| | | *For >50 To 100, Deduct* | *-2.75* | |
| | | *For >100, Deduct* | *-5.51* | |
| 05 05 19 00-0035 | EA | 1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 43.38 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-3.37* | |
| | | *For >100, Deduct* | *-6.74* | |
| 05 05 19 00-0036 | EA | 1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 46.86 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-3.46* | |
| | | *For >100, Deduct* | *-6.92* | |
| 05 05 19 00-0037 | EA | 1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 50.31 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-3.55* | |
| | | *For >100, Deduct* | *-7.09* | |
| 05 05 19 00-0038 | EA | 1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 56.59 | |
| | | *For >10 To 50, Deduct* | *-1.95* | |
| | | *For >50 To 100, Deduct* | *-4.34* | |
| | | *For >100, Deduct* | *-8.69* | |
| 05 05 19 00-0039 | EA | 1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt | 59.07 | |
| | | *For >10 To 50, Deduct* | *-1.95* | |
| | | *For >50 To 100, Deduct* | *-4.41* | |
| | | *For >100, Deduct* | *-8.81* | |

### 05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0041 | EA | 1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 10.20 | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-0.90* | |
| | | *For >100, Deduct* | *-1.79* | |
| 05 05 19 00-0042 | EA | 1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 10.59 | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-0.91* | |
| | | *For >100, Deduct* | *-1.81* | |
| 05 05 19 00-0043 | EA | 1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 11.06 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.94* | |
| | | *For >100, Deduct* | *-1.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0044 | EA | 3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 13.18 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.11* | |
| | | *For >100, Deduct* | *-2.22* | |
| 05 05 19 00-0045 | EA | 3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 13.51 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.12* | |
| | | *For >100, Deduct* | *-2.24* | |
| 05 05 19 00-0046 | EA | 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 13.75 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.12* | |
| | | *For >100, Deduct* | *-2.25* | |
| 05 05 19 00-0047 | EA | 3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 15.55 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.17* | |
| | | *For >100, Deduct* | *-2.34* | |
| 05 05 19 00-0048 | EA | 1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 20.61 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.62* | |
| | | *For >100, Deduct* | *-3.25* | |
| 05 05 19 00-0049 | EA | 1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 21.23 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.64* | |
| | | *For >100, Deduct* | *-3.28* | |
| 05 05 19 00-0050 | EA | 1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 21.59 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.65* | |
| | | *For >100, Deduct* | *-3.30* | |
| 05 05 19 00-0051 | EA | 1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 23.22 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.69* | |
| | | *For >100, Deduct* | *-3.38* | |
| 05 05 19 00-0052 | EA | 1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 25.69 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.75* | |
| | | *For >100, Deduct* | *-3.50* | |
| 05 05 19 00-0053 | EA | 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 30.05 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.12* | |
| | | *For >100, Deduct* | *-4.24* | |
| 05 05 19 00-0054 | EA | 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 31.65 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.16* | |
| | | *For >100, Deduct* | *-4.32* | |
| 05 05 19 00-0055 | EA | 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 33.39 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.20* | |
| | | *For >100, Deduct* | *-4.41* | |
| 05 05 19 00-0056 | EA | 5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 35.69 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.26* | |
| | | *For >100, Deduct* | *-4.52* | |
| 05 05 19 00-0057 | EA | 5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 45.80 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.51* | |
| | | *For >100, Deduct* | *-5.03* | |
| 05 05 19 00-0058 | EA | 3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 35.89 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.53* | |
| | | *For >100, Deduct* | *-5.05* | |
| 05 05 19 00-0059 | EA | 3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 39.15 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.61* | |
| | | *For >100, Deduct* | *-5.22* | |
| 05 05 19 00-0060 | EA | 3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 41.93 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.68* | |
| | | *For >100, Deduct* | *-5.35* | |
| 05 05 19 00-0061 | EA | 3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 42.27 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.69* | |
| | | *For >100, Deduct* | *-5.37* | |
| 05 05 19 00-0062 | EA | 3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 44.88 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.75* | |
| | | *For >100, Deduct* | *-5.50* | |
| 05 05 19 00-0063 | EA | 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 51.65 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.92* | |
| | | *For >100, Deduct* | *-5.84* | |
| 05 05 19 00-0064 | EA | 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 61.21 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-3.16* | |
| | | *For >100, Deduct* | *-6.32* | |
| 05 05 19 00-0065 | EA | 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 61.28 | |
| | | *For >10 To 50, Deduct* | *-1.18* | |
| | | *For >50 To 100, Deduct* | *-3.30* | |
| | | *For >100, Deduct* | *-6.60* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0066 | EA | 1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 89.65 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-4.53* | |
| | | *For >100, Deduct* | *-9.06* | |
| 05 05 19 00-0067 | EA | 1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt | 103.78 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-4.88* | |
| | | *For >100, Deduct* | *-9.76* | |

### 05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0069 | EA | 1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 10.53 | |
| | | *For >10 To 50, Deduct* | *-0.43* | |
| | | *For >50 To 100, Deduct* | *-0.90* | |
| | | *For >100, Deduct* | *-1.81* | |
| 05 05 19 00-0070 | EA | 1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 11.20 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.94* | |
| | | *For >100, Deduct* | *-1.88* | |
| 05 05 19 00-0071 | EA | 3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 14.25 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.14* | |
| | | *For >100, Deduct* | *-2.27* | |
| 05 05 19 00-0072 | EA | 3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 14.82 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.15* | |
| | | *For >100, Deduct* | *-2.30* | |
| 05 05 19 00-0073 | EA | 3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 14.97 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.15* | |
| | | *For >100, Deduct* | *-2.31* | |
| 05 05 19 00-0074 | EA | 3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 17.68 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.22* | |
| | | *For >100, Deduct* | *-2.44* | |
| 05 05 19 00-0075 | EA | 1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 23.21 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.69* | |
| | | *For >100, Deduct* | *-3.38* | |
| 05 05 19 00-0076 | EA | 1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 24.78 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.73* | |
| | | *For >100, Deduct* | *-3.46* | |
| 05 05 19 00-0077 | EA | 1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 27.64 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.80* | |
| | | *For >100, Deduct* | *-3.60* | |
| 05 05 19 00-0078 | EA | 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 28.34 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.82* | |
| | | *For >100, Deduct* | *-3.63* | |
| 05 05 19 00-0079 | EA | 5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 38.81 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.34* | |
| | | *For >100, Deduct* | *-4.68* | |
| 05 05 19 00-0080 | EA | 5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 39.67 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.36* | |
| | | *For >100, Deduct* | *-4.72* | |
| 05 05 19 00-0081 | EA | 3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 48.15 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.83* | |
| | | *For >100, Deduct* | *-5.67* | |
| 05 05 19 00-0082 | EA | 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt | 51.72 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.92* | |
| | | *For >100, Deduct* | *-5.84* | |

### 05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0084 | EA | 1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 18.68 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.58* | |
| | | *For >100, Deduct* | *-3.15* | |
| 05 05 19 00-0085 | EA | 1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 19.71 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.60* | |
| | | *For >100, Deduct* | *-3.20* | |
| 05 05 19 00-0086 | EA | 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 20.72 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.63* | |
| | | *For >100, Deduct* | *-3.25* | |
| 05 05 19 00-0087 | EA | 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 21.25 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.64* | |
| | | *For >100, Deduct* | *-3.28* | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0088 | EA | 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 25.63 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.01* | |
| | | *For >100, Deduct* | *-4.02* | |
| 05 05 19 00-0089 | EA | 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 24.40 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.98* | |
| | | *For >100, Deduct* | *-3.96* | |
| 05 05 19 00-0090 | EA | 3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 33.21 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.46* | |
| | | *For >100, Deduct* | *-4.92* | |
| 05 05 19 00-0091 | EA | 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 34.34 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.49* | |
| | | *For >100, Deduct* | *-4.98* | |
| 05 05 19 00-0092 | EA | 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 39.88 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.63* | |
| | | *For >100, Deduct* | *-5.25* | |
| 05 05 19 00-0093 | EA | 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 42.31 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-3.35* | |
| | | *For >100, Deduct* | *-6.69* | |
| 05 05 19 00-0094 | EA | 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 45.51 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-3.43* | |
| | | *For >100, Deduct* | *-6.85* | |
| 05 05 19 00-0095 | EA | 1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt | 48.67 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-3.50* | |
| | | *For >100, Deduct* | *-7.01* | |

### 05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

### 05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0098 | EA | 1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 9.18 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.89* | |
| | | *For >100, Deduct* | *-1.77* | |
| 05 05 19 00-0099 | EA | 1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 9.31 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.89* | |
| | | *For >100, Deduct* | *-1.78* | |
| 05 05 19 00-0100 | EA | 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 9.47 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.89* | |
| | | *For >100, Deduct* | *-1.78* | |
| 05 05 19 00-0101 | EA | 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 9.68 | |
| | | *For >10 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-0.93* | |
| | | *For >100, Deduct* | *-1.86* | |
| 05 05 19 00-0102 | EA | 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 9.80 | |
| | | *For >10 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-0.93* | |
| | | *For >100, Deduct* | *-1.87* | |
| 05 05 19 00-0103 | EA | 3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 10.96 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100, Deduct* | *-2.11* | |
| 05 05 19 00-0104 | EA | 3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 11.18 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.12* | |
| 05 05 19 00-0105 | EA | 3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 11.40 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.13* | |
| 05 05 19 00-0106 | EA | 1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 15.81 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100, Deduct* | *-3.01* | |
| 05 05 19 00-0107 | EA | 1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 16.09 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.51* | |
| | | *For >100, Deduct* | *-3.02* | |
| 05 05 19 00-0108 | EA | 1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 16.34 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.52* | |
| | | *For >100, Deduct* | *-3.03* | |
| 05 05 19 00-0109 | EA | 1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 16.63 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.52* | |
| | | *For >100, Deduct* | *-3.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0110 | EA | 5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 19.85 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.86* | |
| | | *For >100, Deduct* | *-3.73* | |
| 05 05 19 00-0111 | EA | 5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 20.28 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.88* | |
| | | *For >100, Deduct* | *-3.75* | |
| 05 05 19 00-0112 | EA | 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 20.60 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.88* | |
| | | *For >100, Deduct* | *-3.77* | |
| 05 05 19 00-0113 | EA | 5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 21.52 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.91* | |
| | | *For >100, Deduct* | *-3.81* | |
| 05 05 19 00-0114 | EA | 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 24.40 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.24* | |
| | | *For >100, Deduct* | *-4.48* | |
| 05 05 19 00-0115 | EA | 3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 25.19 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.26* | |
| | | *For >100, Deduct* | *-4.52* | |
| 05 05 19 00-0116 | EA | 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 25.91 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.28* | |
| | | *For >100, Deduct* | *-4.55* | |
| 05 05 19 00-0117 | EA | 3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor | 27.05 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.30* | |
| | | *For >100, Deduct* | *-4.61* | |

### 05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0119 | EA | 1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor | 10.79 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.93* | |
| | | *For >100, Deduct* | *-1.85* | |
| 05 05 19 00-0120 | EA | 3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor | 14.23 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.14* | |
| | | *For >100, Deduct* | *-2.27* | |
| 05 05 19 00-0121 | EA | 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor | 15.75 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.17* | |
| | | *For >100, Deduct* | *-2.35* | |
| 05 05 19 00-0122 | EA | 1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor | 21.28 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.64* | |
| | | *For >100, Deduct* | *-3.28* | |
| 05 05 19 00-0123 | EA | 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor | 24.02 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.71* | |
| | | *For >100, Deduct* | *-3.42* | |
| 05 05 19 00-0124 | EA | 5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor | 33.13 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.20* | |
| | | *For >100, Deduct* | *-4.39* | |

### 05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0126 | EA | 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor | 9.82 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.90* | |
| | | *For >100, Deduct* | *-1.80* | |
| 05 05 19 00-0127 | EA | 1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor | 10.05 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.91* | |
| | | *For >100, Deduct* | *-1.81* | |
| 05 05 19 00-0128 | EA | 5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor | 10.48 | |
| | | *For >10 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-0.95* | |
| | | *For >100, Deduct* | *-1.90* | |
| 05 05 19 00-0129 | EA | 5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor | 11.41 | |
| | | *For >10 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-0.97* | |
| | | *For >100, Deduct* | *-1.95* | |
| 05 05 19 00-0130 | EA | 3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor | 11.97 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100, Deduct* | *-2.16* | |
| 05 05 19 00-0131 | EA | 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor | 12.66 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.10* | |
| | | *For >100, Deduct* | *-2.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0132 | EA | 3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor | 13.20 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.11* | |
| | | *For >100, Deduct* | *-2.22* | |
| 05 05 19 00-0133 | EA | 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor | 17.53 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.55* | |
| | | *For >100, Deduct* | *-3.09* | |
| 05 05 19 00-0134 | EA | 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor | 17.95 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.56* | |
| | | *For >100, Deduct* | *-3.11* | |
| 05 05 19 00-0135 | EA | 1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor | 19.17 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.59* | |
| | | *For >100, Deduct* | *-3.17* | |
| 05 05 19 00-0136 | EA | 1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor | 20.75 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.63* | |
| | | *For >100, Deduct* | *-3.25* | |
| 05 05 19 00-0137 | EA | 5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor | 23.51 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.96* | |
| | | *For >100, Deduct* | *-3.91* | |
| 05 05 19 00-0138 | EA | 5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor | 24.97 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.99* | |
| | | *For >100, Deduct* | *-3.98* | |
| 05 05 19 00-0139 | EA | 5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor | 26.25 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.02* | |
| | | *For >100, Deduct* | *-4.05* | |
| 05 05 19 00-0140 | EA | 3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor | 30.47 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.39* | |
| | | *For >100, Deduct* | *-4.78* | |
| 05 05 19 00-0141 | EA | 3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor | 31.84 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.42* | |
| | | *For >100, Deduct* | *-4.85* | |

### 05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

### 05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0144 | EA | 1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor | 12.75 | |
| | | *For >10 To 50, Deduct* | *-0.61* | |
| | | *For >50 To 100, Deduct* | *-1.23* | |
| | | *For >100, Deduct* | *-2.46* | |
| 05 05 19 00-0145 | EA | 3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor | 15.59 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100, Deduct* | *-3.00* | |
| 05 05 19 00-0146 | EA | 1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor | 19.10 | |
| | | *For >10 To 50, Deduct* | *-0.87* | |
| | | *For >50 To 100, Deduct* | *-1.79* | |
| | | *For >100, Deduct* | *-3.58* | |
| 05 05 19 00-0147 | EA | 5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor | 21.77 | |
| | | *For >10 To 50, Deduct* | *-0.96* | |
| | | *For >50 To 100, Deduct* | *-1.99* | |
| | | *For >100, Deduct* | *-3.97* | |
| 05 05 19 00-0148 | EA | 3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor | 26.26 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.30* | |
| | | *For >100, Deduct* | *-4.59* | |

### 05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0150 | EA | 1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor | 16.02 | |
| | | *For >10 To 50, Deduct* | *-0.61* | |
| | | *For >50 To 100, Deduct* | *-1.31* | |
| | | *For >100, Deduct* | *-2.63* | |
| 05 05 19 00-0151 | EA | 3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor | 21.72 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.66* | |
| | | *For >100, Deduct* | *-3.31* | |
| 05 05 19 00-0152 | EA | 1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor | 27.27 | |
| | | *For >10 To 50, Deduct* | *-0.87* | |
| | | *For >50 To 100, Deduct* | *-1.99* | |
| | | *For >100, Deduct* | *-3.99* | |
| 05 05 19 00-0153 | EA | 5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor | 34.92 | |
| | | *For >10 To 50, Deduct* | *-0.96* | |
| | | *For >50 To 100, Deduct* | *-2.31* | |
| | | *For >100, Deduct* | *-4.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0154 | EA | 3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor | 48.86 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.86* | |
| | | *For >100, Deduct* | *-5.72* | |

## 05 05 19 00-0155 Single Bolt Expansion Anchors *(05 05 19 00-0002)*

Note: Excludes bolt, nut and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0156 | EA | 1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor | 9.37 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.89* | |
| | | *For >100, Deduct* | *-1.78* | |
| 05 05 19 00-0157 | EA | 5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor | 10.04 | |
| | | *For >10 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-0.94* | |
| | | *For >100, Deduct* | *-1.88* | |
| 05 05 19 00-0158 | EA | 3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor | 11.35 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.13* | |
| 05 05 19 00-0159 | EA | 1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor | 16.63 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.52* | |
| | | *For >100, Deduct* | *-3.05* | |
| 05 05 19 00-0160 | EA | 5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor | 23.33 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.95* | |
| | | *For >100, Deduct* | *-3.90* | |
| 05 05 19 00-0161 | EA | 3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor | 28.19 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.33* | |
| | | *For >100, Deduct* | *-4.67* | |

## 05 05 19 00-0162 Concrete Lag Shield Anchors *(05 05 19 00-0002)*

Note: Excludes lag bolt and washer.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0163 | EA | 1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor | 9.43 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.89* | |
| | | *For >100, Deduct* | *-1.78* | |
| 05 05 19 00-0164 | EA | 5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor | 11.22 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.12* | |
| 05 05 19 00-0165 | EA | 3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor | 11.78 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.07* | |
| | | *For >100, Deduct* | *-2.15* | |
| 05 05 19 00-0166 | EA | 1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor | 16.59 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.52* | |
| | | *For >100, Deduct* | *-3.05* | |
| 05 05 19 00-0167 | EA | 5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor | 22.46 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100, Deduct* | *-3.86* | |
| 05 05 19 00-0168 | EA | 3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor | 25.05 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.25* | |
| | | *For >100, Deduct* | *-4.51* | |

## 05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

## 05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0171 | EA | 1/4" x 1-9/16" Long Chemically Adhered Anchor Rod | 12.19 | |
| | | *For >10 To 50, Deduct* | *-0.48* | |
| | | *For >50 To 100, Deduct* | *-1.03* | |
| | | *For >100, Deduct* | *-2.05* | |
| 05 05 19 00-0172 | EA | 5/16" x 2-3/8" Long Chemically Adhered Anchor Rod | 14.24 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.14* | |
| | | *For >100, Deduct* | *-2.28* | |
| 05 05 19 00-0173 | EA | 3/8" x 2-3/4" Long Chemically Adhered Anchor Rod | 17.67 | |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-1.43* | |
| | | *For >100, Deduct* | *-2.85* | |
| 05 05 19 00-0174 | EA | 1/2" x 3-11/16" Long Chemically Adhered Anchor Rod | 20.79 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.63* | |
| | | *For >100, Deduct* | *-3.26* | |
| 05 05 19 00-0175 | EA | 1/2" x 5-1/2" Long Chemically Adhered Anchor Rod | 22.16 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.66* | |
| | | *For >100, Deduct* | *-3.32* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0176 | EA | 5/8" x 7" Long Chemically Adhered Anchor Rod | 27.42 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-2.05* | |
| | | *For >100, Deduct* | *-4.11* | |
| 05 05 19 00-0177 | EA | 3/4" x 9-1/2" Long Chemically Adhered Anchor Rod | 35.93 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.53* | |
| | | *For >100, Deduct* | *-5.05* | |
| 05 05 19 00-0178 | EA | 7/8" x 10" Long Chemically Adhered Anchor Rod | 42.94 | |
| | | *For >10 To 50, Deduct* | *-1.18* | |
| | | *For >50 To 100, Deduct* | *-2.84* | |
| | | *For >100, Deduct* | *-5.67* | |
| 05 05 19 00-0179 | EA | 1" x 11-3/4" Long Chemically Adhered Anchor Rod | 58.94 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-3.76* | |
| | | *For >100, Deduct* | *-7.52* | |
| 05 05 19 00-0180 | EA | 1-1/4" x 14" Long Chemically Adhered Anchor Rod | 85.44 | |
| | | *For >10 To 50, Deduct* | *-1.92* | |
| | | *For >50 To 100, Deduct* | *-5.02* | |
| | | *For >100, Deduct* | *-10.04* | |

### 05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0182 | EA | 1/4" Chemical Adhesive For Bolt Or Threaded Rod | 9.93 | |
| | | *For >10 To 50, Deduct* | *-0.48* | |
| | | *For >50 To 100, Deduct* | *-0.97* | |
| | | *For >100, Deduct* | *-1.94* | |
| 05 05 19 00-0183 | EA | 5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 10.88 | |
| | | *For >10 To 50, Deduct* | *-0.52* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.12* | |
| 05 05 19 00-0184 | EA | 3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 13.64 | |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-1.32* | |
| | | *For >100, Deduct* | *-2.65* | |
| 05 05 19 00-0185 | EA | 1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 15.52 | |
| | | *For >10 To 50, Deduct* | *-0.74* | |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100, Deduct* | *-2.99* | |
| 05 05 19 00-0186 | EA | 5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 20.06 | |
| | | *For >10 To 50, Deduct* | *-0.91* | |
| | | *For >50 To 100, Deduct* | *-1.87* | |
| | | *For >100, Deduct* | *-3.74* | |
| 05 05 19 00-0187 | EA | 3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 24.90 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.25* | |
| | | *For >100, Deduct* | *-4.50* | |
| 05 05 19 00-0188 | EA | 7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 27.77 | |
| | | *For >10 To 50, Deduct* | *-1.18* | |
| | | *For >50 To 100, Deduct* | *-2.46* | |
| | | *For >100, Deduct* | *-4.92* | |
| 05 05 19 00-0189 | EA | 1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 36.88 | |
| | | *For >10 To 50, Deduct* | *-1.53* | |
| | | *For >50 To 100, Deduct* | *-3.21* | |
| | | *For >100, Deduct* | *-6.42* | |
| 05 05 19 00-0190 | EA | 1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 42.33 | |
| | | *For >10 To 50, Deduct* | *-1.72* | |
| | | *For >50 To 100, Deduct* | *-3.64* | |
| | | *For >100, Deduct* | *-7.29* | |
| 05 05 19 00-0191 | EA | 1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 48.66 | |
| | | *For >10 To 50, Deduct* | *-1.92* | |
| | | *For >50 To 100, Deduct* | *-4.10* | |
| | | *For >100, Deduct* | *-8.20* | |
| 05 05 19 00-0192 | EA | 1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 52.97 | |
| | | *For >10 To 50, Deduct* | *-2.01* | |
| | | *For >50 To 100, Deduct* | *-4.34* | |
| | | *For >100, Deduct* | *-8.68* | |
| 05 05 19 00-0193 | EA | 1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 58.97 | |
| | | *For >10 To 50, Deduct* | *-2.10* | |
| | | *For >50 To 100, Deduct* | *-4.62* | |
| | | *For >100, Deduct* | *-9.24* | |
| 05 05 19 00-0194 | EA | 1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 70.98 | |
| | | *For >10 To 50, Deduct* | *-2.27* | |
| | | *For >50 To 100, Deduct* | *-5.18* | |
| | | *For >100, Deduct* | *-10.37* | |
| 05 05 19 00-0195 | EA | 2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod | 98.26 | |
| | | *For >10 To 50, Deduct* | *-2.36* | |
| | | *For >50 To 100, Deduct* | *-6.00* | |
| | | *For >100, Deduct* | *-11.99* | |

### 05 05 19 00-0196 Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0197 | EA | Grout Concrete Anchor Bolt or Threaded Rod | 4.33 | |
| | | *For >10 To 50, Deduct* | *-0.21* | |
| | | *For >50 To 100, Deduct* | *-0.42* | |
| | | *For >100, Deduct* | *-0.85* | |

## 05 05 19 00-0198 Other Concrete And Masonry Anchors *(05 05 19 00-0001)*

## 05 05 19 00-0199 Tapcon Masonry Screws *(05 05 19 00-0198)*

Note: Includes drilling. Countersunk or hex head.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0200 | EA | 3/16" x 1-1/4" Tapcon Masonry Screw | 9.00 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.88* | |
| | | *For >100, Deduct* | *-1.76* | |
| 05 05 19 00-0201 | EA | 3/16" x 2-1/4" Tapcon Masonry Screw | 9.06 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.88* | |
| | | *For >100, Deduct* | *-1.76* | |
| 05 05 19 00-0202 | EA | 3/16" x 3-1/4" Tapcon Masonry Screw | 9.21 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.89* | |
| | | *For >100, Deduct* | *-1.77* | |
| 05 05 19 00-0203 | EA | 1/4" x 1-1/4" Tapcon Masonry Screw | 9.08 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.88* | |
| | | *For >100, Deduct* | *-1.77* | |
| 05 05 19 00-0204 | EA | 1/4" x 2-1/4" Tapcon Masonry Screw | 9.16 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.88* | |
| | | *For >100, Deduct* | *-1.77* | |
| 05 05 19 00-0205 | EA | 1/4" x 3-1/4" Tapcon Masonry Screw | 9.33 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.89* | |
| | | *For >100, Deduct* | *-1.78* | |

## 05 05 19 00-0206 Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0207 | EA | 3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener | 9.91 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.90* | |
| | | *For >100, Deduct* | *-1.81* | |
| 05 05 19 00-0208 | EA | 3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener | 10.33 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.91* | |
| | | *For >100, Deduct* | *-1.83* | |
| 05 05 19 00-0209 | EA | 3/8" x 3", Large Diameter, Self-Threading Concrete Fastener | 10.45 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.92* | |
| | | *For >100, Deduct* | *-1.83* | |
| 05 05 19 00-0210 | EA | 3/8" x 4", Large Diameter, Self-Threading Concrete Fastener | 10.65 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.92* | |
| | | *For >100, Deduct* | *-1.84* | |
| 05 05 19 00-0211 | EA | 3/8" x 5", Large Diameter, Self-Threading Concrete Fastener | 10.82 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.93* | |
| | | *For >100, Deduct* | *-1.85* | |
| 05 05 19 00-0212 | EA | 1/2" x 3", Large Diameter, Self-Threading Concrete Fastener | 11.19 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.94* | |
| | | *For >100, Deduct* | *-1.87* | |
| 05 05 19 00-0213 | EA | 1/2" x 4", Large Diameter, Self-Threading Concrete Fastener | 11.64 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.95* | |
| | | *For >100, Deduct* | *-1.89* | |
| 05 05 19 00-0214 | EA | 1/2" x 5", Large Diameter, Self-Threading Concrete Fastener | 12.06 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.96* | |
| | | *For >100, Deduct* | *-1.91* | |
| 05 05 19 00-0215 | EA | 1/2" x 6", Large Diameter, Self-Threading Concrete Fastener | 13.22 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.99* | |
| | | *For >100, Deduct* | *-1.97* | |
| 05 05 19 00-0216 | EA | 5/8" x 3", Large Diameter, Self-Threading Concrete Fastener | 13.36 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-0.99* | |
| | | *For >100, Deduct* | *-1.98* | |
| 05 05 19 00-0217 | EA | 5/8" x 4", Large Diameter, Self-Threading Concrete Fastener | 14.07 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-1.01* | |
| | | *For >100, Deduct* | *-2.01* | |
| 05 05 19 00-0218 | EA | 5/8" x 5", Large Diameter, Self-Threading Concrete Fastener | 14.80 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-1.03* | |
| | | *For >100, Deduct* | *-2.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 19 00-0219 | EA | 5/8" x 6", Large Diameter, Self-Threading Concrete Fastener | 15.27 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-1.04* | |
| | | *For >100, Deduct* | *-2.07* | |
| 05 05 19 00-0220 | EA | 3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener | 15.06 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-1.03* | |
| | | *For >100, Deduct* | *-2.06* | |
| 05 05 19 00-0221 | EA | 3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener | 15.74 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100, Deduct* | *-2.10* | |
| 05 05 19 00-0222 | EA | 3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener | 17.32 | |
| | | *For >10 To 50, Deduct* | *-0.44* | |
| | | *For >50 To 100, Deduct* | *-1.09* | |
| | | *For >100, Deduct* | *-2.18* | |

### 05 05 19 00-0223 Pin Bolt Drives *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0224 | EA | 1/4" x 1" Pin Bolt Drive | 5.64 | |
| | | *For >10 To 50, Deduct* | *-0.26* | |
| | | *For >50 To 100, Deduct* | *-0.53* | |
| | | *For >100, Deduct* | *-1.07* | |
| 05 05 19 00-0225 | EA | 1/4" x 1-1/4" Pin Bolt Drive | 5.64 | |
| | | *For >10 To 50, Deduct* | *-0.26* | |
| | | *For >50 To 100, Deduct* | *-0.53* | |
| | | *For >100, Deduct* | *-1.07* | |
| 05 05 19 00-0226 | EA | 1/4" x 1-1/2" Pin Bolt Drive | 5.69 | |
| | | *For >10 To 50, Deduct* | *-0.26* | |
| | | *For >50 To 100, Deduct* | *-0.54* | |
| | | *For >100, Deduct* | *-1.07* | |
| 05 05 19 00-0227 | EA | 1/4" x 2" Pin Bolt Drive | 5.71 | |
| | | *For >10 To 50, Deduct* | *-0.26* | |
| | | *For >50 To 100, Deduct* | *-0.54* | |
| | | *For >100, Deduct* | *-1.07* | |

### 05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors *(05 05 19 00-0198)*

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0229 | EA | 0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor | 1.42 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.12* | |
| | | *For >100, Deduct* | *-0.25* | |
| 05 05 19 00-0230 | EA | 0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor | 1.50 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.13* | |
| | | *For >100, Deduct* | *-0.26* | |
| 05 05 19 00-0231 | EA | 0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor | 1.63 | |
| | | *For >10 To 50, Deduct* | *-0.07* | |
| | | *For >50 To 100, Deduct* | *-0.14* | |
| | | *For >100, Deduct* | *-0.28* | |
| 05 05 19 00-0232 | EA | 0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor | 1.82 | |
| | | *For >10 To 50, Deduct* | *-0.07* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100, Deduct* | *-0.30* | |
| 05 05 19 00-0233 | EA | 0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor | 1.92 | |
| | | *For >10 To 50, Deduct* | *-0.07* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100, Deduct* | *-0.31* | |

### 05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0198)*

| | | | | |
|---|---|---|---|---|
| 05 05 19 00-0235 | EA | 0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor | 1.70 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.13* | |
| | | *For >100, Deduct* | *-0.27* | |
| 05 05 19 00-0236 | EA | 0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor | 2.34 | |
| | | *For >10 To 50, Deduct* | *-0.07* | |
| | | *For >50 To 100, Deduct* | *-0.17* | |
| | | *For >100, Deduct* | *-0.34* | |

## 05 05 21 Fastening Methods for Metal *(05 05)*

### 05 05 21 00-0001 Welding *(05 05 21)*

### 05 05 21 00-0002 Minimum Charge For Welding *(05 05 21 00-0001)*

| | | | |
|---|---|---|---|
| 05 05 21 00-0003 | EA | Welding Minimum Charge | 447.14 |

Note: For projects where the total weldting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

### 05 05 21 00-0004 Spot Welding *(05 05 21 00-0001)*

See CSI section 05 05 21 00-0007 for a series of welds.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 21 00-0005 | EA | Up To 15 Spot Weldings, Welds Up To 1" Length Each | 10.83 | |
| | | *For Aluminum Welding, Add* | *1.70* | |
| | | *For Stainless Steel Welding, Add* | *2.80* | |
| 05 05 21 00-0006 | EA | >15 Spot Weldings, Welds Up To 1" Length Each | 8.44 | |
| | | *For Aluminum Welding, Add* | *1.34* | |
| | | *For Stainless Steel Welding, Add* | *2.20* | |

## 05 05 21 00-0007 Field Welding (Seam And Stitch Welding) *(05 05 21 00-0001)*

## 05 05 21 00-0008 Vertical Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

| | | | | |
|---|---|---|---|---|
| 05 05 21 00-0009 | LF | 1/8" Vertical Fillet Weld | 7.25 | |
| | | *For Aluminum Welding, Add* | *1.44* | |
| | | *For Stainless Steel Welding, Add* | *2.26* | |
| | | *For Up To 25, Add* | *2.39* | |
| | | *For >25 To 50, Add* | *1.69* | |
| 05 05 21 00-0010 | LF | 3/16" Vertical Fillet Weld | 14.05 | |
| | | *For Aluminum Welding, Add* | *2.55* | |
| | | *For Stainless Steel Welding, Add* | *4.06* | |
| | | *For Up To 25, Add* | *4.74* | |
| | | *For >25 To 50, Add* | *3.37* | |
| 05 05 21 00-0011 | LF | 1/4" Vertical Fillet Weld | 21.09 | |
| | | *For Aluminum Welding, Add* | *3.83* | |
| | | *For Stainless Steel Welding, Add* | *6.11* | |
| | | *For Up To 25, Add* | *7.10* | |
| | | *For >25 To 50, Add* | *5.05* | |
| 05 05 21 00-0012 | LF | 5/16" Vertical Fillet Weld | 27.83 | |
| | | *For Aluminum Welding, Add* | *5.07* | |
| | | *For Stainless Steel Welding, Add* | *8.08* | |
| | | *For Up To 25, Add* | *9.37* | |
| | | *For >25 To 50, Add* | *6.66* | |
| 05 05 21 00-0013 | LF | 3/8" Vertical Fillet Weld | 35.14 | |
| | | *For Aluminum Welding, Add* | *6.38* | |
| | | *For Stainless Steel Welding, Add* | *10.17* | |
| | | *For Up To 25, Add* | *11.84* | |
| | | *For >25 To 50, Add* | *8.42* | |
| 05 05 21 00-0014 | LF | 7/16" Vertical Fillet Weld | 40.90 | |
| | | *For Aluminum Welding, Add* | *7.01* | |
| | | *For Stainless Steel Welding, Add* | *11.32* | |
| | | *For Up To 25, Add* | *13.95* | |
| | | *For >25 To 50, Add* | *9.93* | |
| 05 05 21 00-0015 | LF | 1/2" Vertical Fillet Weld | 48.05 | |
| | | *For Aluminum Welding, Add* | *8.76* | |
| | | *For Stainless Steel Welding, Add* | *13.95* | |
| | | *For Up To 25, Add* | *16.17* | |
| | | *For >25 To 50, Add* | *11.50* | |
| 05 05 21 00-0016 | LF | 9/16" Vertical Fillet Weld | 56.22 | |
| | | *For Aluminum Welding, Add* | *9.82* | |
| | | *For Stainless Steel Welding, Add* | *15.79* | |
| | | *For Up To 25, Add* | *19.10* | |
| | | *For >25 To 50, Add* | *13.59* | |
| 05 05 21 00-0017 | LF | 5/8" Vertical Fillet Weld | 65.17 | |
| | | *For Aluminum Welding, Add* | *11.41* | |
| | | *For Stainless Steel Welding, Add* | *18.34* | |
| | | *For Up To 25, Add* | *22.13* | |
| | | *For >25 To 50, Add* | *15.75* | |
| 05 05 21 00-0018 | LF | 3/4" Vertical Fillet Weld | 87.94 | |
| | | *For Aluminum Welding, Add* | *16.01* | |
| | | *For Stainless Steel Welding, Add* | *25.50* | |
| | | *For Up To 25, Add* | *29.61* | |
| | | *For >25 To 50, Add* | *21.05* | |
| 05 05 21 00-0019 | LF | 7/8" Vertical Fillet Weld | 130.10 | |
| | | *For Aluminum Welding, Add* | *22.65* | |
| | | *For Stainless Steel Welding, Add* | *36.45* | |
| | | *For Up To 25, Add* | *44.23* | |
| | | *For >25 To 50, Add* | *31.48* | |
| 05 05 21 00-0020 | LF | 1" Vertical Fillet Weld | 175.26 | |
| | | *For Aluminum Welding, Add* | *31.55* | |
| | | *For Stainless Steel Welding, Add* | *50.39* | |
| | | *For Up To 25, Add* | *59.15* | |
| | | *For >25 To 50, Add* | *42.06* | |

## 05 05 21 00-0021 Horizontal Or Flat Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

| | | | | |
|---|---|---|---|---|
| 05 05 21 00-0022 | LF | 1/8" Horizontal Or Flat Fillet Weld | 6.11 | |
| | | *For Aluminum Welding, Add* | *1.27* | |
| | | *For Stainless Steel Welding, Add* | *1.97* | |
| | | *For Up To 25, Add* | *1.99* | |
| | | *For >25 To 50, Add* | *1.41* | |
| 05 05 21 00-0023 | LF | 3/16" Horizontal Or Flat Fillet Weld | 11.91 | |
| | | *For Aluminum Welding, Add* | *2.25* | |
| | | *For Stainless Steel Welding, Add* | *3.56* | |
| | | *For Up To 25, Add* | *3.98* | |
| | | *For >25 To 50, Add* | *2.82* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 21 00-0024 | LF | 1/4" Horizontal Or Flat Fillet Weld | 17.80 | |
| | | *For Aluminum Welding, Add* | *3.36* | |
| | | *For Stainless Steel Welding, Add* | *5.31* | |
| | | *For Up To 25, Add* | *5.94* | |
| | | *For >25 To 50, Add* | *4.22* | |
| 05 05 21 00-0025 | LF | 5/16" Horizontal Or Flat Fillet Weld | 23.53 | |
| | | *For Aluminum Welding, Add* | *4.48* | |
| | | *For Stainless Steel Welding, Add* | *7.07* | |
| | | *For Up To 25, Add* | *7.84* | |
| | | *For >25 To 50, Add* | *5.57* | |
| 05 05 21 00-0026 | LF | 3/8" Horizontal Or Flat Fillet Weld | 29.71 | |
| | | *For Aluminum Welding, Add* | *5.61* | |
| | | *For Stainless Steel Welding, Add* | *8.87* | |
| | | *For Up To 25, Add* | *9.92* | |
| | | *For >25 To 50, Add* | *7.04* | |
| 05 05 21 00-0027 | LF | 7/16" Horizontal Or Flat Fillet Weld | 34.42 | |
| | | *For Aluminum Welding, Add* | *6.09* | |
| | | *For Stainless Steel Welding, Add* | *9.76* | |
| | | *For Up To 25, Add* | *11.66* | |
| | | *For >25 To 50, Add* | *8.30* | |
| 05 05 21 00-0028 | LF | 1/2" Horizontal Or Flat Fillet Weld | 40.57 | |
| | | *For Aluminum Welding, Add* | *7.70* | |
| | | *For Stainless Steel Welding, Add* | *12.16* | |
| | | *For Up To 25, Add* | *13.53* | |
| | | *For >25 To 50, Add* | *9.60* | |
| 05 05 21 00-0029 | LF | 9/16" Horizontal Or Flat Fillet Weld | 47.41 | |
| | | *For Aluminum Welding, Add* | *8.59* | |
| | | *For Stainless Steel Welding, Add* | *13.70* | |
| | | *For Up To 25, Add* | *15.98* | |
| | | *For >25 To 50, Add* | *11.36* | |
| 05 05 21 00-0030 | LF | 5/8" Horizontal Or Flat Fillet Weld | 55.22 | |
| | | *For Aluminum Welding, Add* | *10.20* | |
| | | *For Stainless Steel Welding, Add* | *16.20* | |
| | | *For Up To 25, Add* | *18.53* | |
| | | *For >25 To 50, Add* | *13.17* | |
| 05 05 21 00-0031 | LF | 3/4" Horizontal Or Flat Fillet Weld | 74.33 | |
| | | *For Aluminum Welding, Add* | *14.10* | |
| | | *For Stainless Steel Welding, Add* | *22.27* | |
| | | *For Up To 25, Add* | *24.79* | |
| | | *For >25 To 50, Add* | *17.60* | |
| 05 05 21 00-0032 | LF | 7/8" Horizontal Or Flat Fillet Weld | 108.94 | |
| | | *For Aluminum Welding, Add* | *19.27* | |
| | | *For Stainless Steel Welding, Add* | *30.90* | |
| | | *For Up To 25, Add* | *36.91* | |
| | | *For >25 To 50, Add* | *26.26* | |
| 05 05 21 00-0033 | LF | 1" Horizontal Or Flat Fillet Weld | 147.59 | |
| | | *For Aluminum Welding, Add* | *27.65* | |
| | | *For Stainless Steel Welding, Add* | *43.79* | |
| | | *For Up To 25, Add* | *49.36* | |
| | | *For >25 To 50, Add* | *35.06* | |

## 05 05 23 Metal Fastenings *(05 05)*

### 05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0213 for drilling into concrete, 02 41 19 13-0223 for drilling into brick or block, 02 41 19 13-0233 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

### 05 05 23 00-0002 A307B Heavy Hex Bolts *(05 05 23 00-0001)*

Note: Includes A307B heavy hex nut and two structural washers.

### 05 05 23 00-0003 Plain Finish A307B Heavy Hex Bolts *(05 05 23 00-0002)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0004 | EA | 1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt | 12.01 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.11* | |
| 05 05 23 00-0005 | EA | 1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt | 13.13 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100, Deduct* | *-2.17* | |
| 05 05 23 00-0006 | EA | 5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt | 13.16 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.09* | |
| | | *For >100, Deduct* | *-2.17* | |
| 05 05 23 00-0007 | EA | 5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt | 15.62 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.25* | |
| | | *For >100, Deduct* | *-2.51* | |
| 05 05 23 00-0008 | EA | 3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt | 15.04 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.13* | |
| | | *For >100, Deduct* | *-2.26* | |
| 05 05 23 00-0009 | EA | 3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt | 17.95 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.31* | |
| | | *For >100, Deduct* | *-2.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0010 | EA | 3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt | 22.40 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.46* | |
| | | *For >100, Deduct* | *-2.92* | |
| 05 05 23 00-0011 | EA | 3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt | 24.03 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.55* | |
| | | *For >100, Deduct* | *-3.10* | |
| 05 05 23 00-0012 | EA | 7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt | 17.88 | 1.31 |
| | | *For >10 To 50, Deduct* | *-0.55* | |
| | | *For >50 To 100, Deduct* | *-1.27* | |
| | | *For >100, Deduct* | *-2.53* | |
| 05 05 23 00-0013 | EA | 7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt | 21.41 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.44* | |
| | | *For >100, Deduct* | *-2.87* | |
| 05 05 23 00-0014 | EA | 1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt | 25.03 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.57* | |
| | | *For >100, Deduct* | *-3.15* | |
| 05 05 23 00-0015 | EA | 1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt | 35.18 | 1.59 |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-1.88* | |
| | | *For >100, Deduct* | *-3.75* | |
| 05 05 23 00-0016 | EA | 1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt | 41.12 | 1.81 |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-2.15* | |
| | | *For >100, Deduct* | *-4.31* | |
| 05 05 23 00-0017 | EA | 1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt | 46.19 | 1.93 |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-2.36* | |
| | | *For >100, Deduct* | *-4.72* | |

### 05 05 23 00-0018 Galvanized A307B Heavy Hex Bolts *(05 05 23 00-0002)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0019 | EA | 1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt | 12.56 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.07* | |
| | | *For >100, Deduct* | *-2.14* | |
| 05 05 23 00-0020 | EA | 1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt | 13.50 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.09* | |
| | | *For >100, Deduct* | *-2.19* | |
| 05 05 23 00-0021 | EA | 5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt | 14.51 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.12* | |
| | | *For >100, Deduct* | *-2.24* | |
| 05 05 23 00-0022 | EA | 5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt | 16.97 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.29* | |
| | | *For >100, Deduct* | *-2.58* | |
| 05 05 23 00-0023 | EA | 3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt | 16.57 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.17* | |
| | | *For >100, Deduct* | *-2.34* | |
| 05 05 23 00-0024 | EA | 3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt | 20.79 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.38* | |
| | | *For >100, Deduct* | *-2.76* | |
| 05 05 23 00-0025 | EA | 3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt | 27.29 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.58* | |
| | | *For >100, Deduct* | *-3.17* | |
| 05 05 23 00-0026 | EA | 3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt | 31.95 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.75* | |
| | | *For >100, Deduct* | *-3.50* | |
| 05 05 23 00-0027 | EA | 7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt | 21.90 | 1.31 |
| | | *For >10 To 50, Deduct* | *-0.55* | |
| | | *For >50 To 100, Deduct* | *-1.37* | |
| | | *For >100, Deduct* | *-2.73* | |
| 05 05 23 00-0028 | EA | 7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt | 25.95 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.55* | |
| | | *For >100, Deduct* | *-3.10* | |
| 05 05 23 00-0029 | EA | 1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt | 30.88 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100, Deduct* | *-3.44* | |
| 05 05 23 00-0030 | EA | 1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt | 45.78 | 1.59 |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-2.14* | |
| | | *For >100, Deduct* | *-4.28* | |
| 05 05 23 00-0031 | EA | 1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt | 45.87 | 1.81 |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-2.27* | |
| | | *For >100, Deduct* | *-4.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0032 | EA | 1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt | 57.17 | 1.93 |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-2.64* | |
| | | *For >100, Deduct* | *-5.27* | |

## 05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

## 05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0035 | EA | 1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt | 11.76 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100, Deduct* | *-2.10* | |
| 05 05 23 00-0036 | EA | 1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt | 12.00 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.11* | |
| 05 05 23 00-0037 | EA | 5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt | 12.79 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100, Deduct* | *-2.15* | |
| 05 05 23 00-0038 | EA | 5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt | 15.64 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.25* | |
| | | *For >100, Deduct* | *-2.51* | |
| 05 05 23 00-0039 | EA | 5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt | 18.03 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.35* | |
| | | *For >100, Deduct* | *-2.70* | |
| 05 05 23 00-0040 | EA | 3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt | 13.89 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.10* | |
| | | *For >100, Deduct* | *-2.21* | |
| 05 05 23 00-0041 | EA | 3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt | 16.81 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.28* | |
| | | *For >100, Deduct* | *-2.57* | |
| 05 05 23 00-0042 | EA | 3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt | 19.06 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.38* | |
| | | *For >100, Deduct* | *-2.76* | |
| 05 05 23 00-0043 | EA | 3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt | 23.34 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.53* | |
| | | *For >100, Deduct* | *-3.06* | |
| 05 05 23 00-0044 | EA | 7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt | 16.07 | 1.31 |
| | | *For >10 To 50, Deduct* | *-0.55* | |
| | | *For >50 To 100, Deduct* | *-1.22* | |
| | | *For >100, Deduct* | *-2.44* | |
| 05 05 23 00-0045 | EA | 7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt | 19.49 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.39* | |
| | | *For >100, Deduct* | *-2.77* | |
| 05 05 23 00-0046 | EA | 7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt | 22.20 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100, Deduct* | *-3.01* | |
| 05 05 23 00-0047 | EA | 7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt | 24.03 | 1.59 |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-1.60* | |
| | | *For >100, Deduct* | *-3.20* | |
| 05 05 23 00-0048 | EA | 1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt | 17.72 | 1.36 |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.30* | |
| | | *For >100, Deduct* | *-2.59* | |
| 05 05 23 00-0049 | EA | 1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt | 21.27 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.48* | |
| | | *For >100, Deduct* | *-2.96* | |
| 05 05 23 00-0050 | EA | 1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt | 24.56 | 1.59 |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100, Deduct* | *-3.22* | |
| 05 05 23 00-0051 | EA | 1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt | 31.29 | 1.69 |
| | | *For >10 To 50, Deduct* | *-0.71* | |
| | | *For >50 To 100, Deduct* | *-1.84* | |
| | | *For >100, Deduct* | *-3.69* | |
| 05 05 23 00-0052 | EA | 1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt | 29.91 | 1.69 |
| | | *For >10 To 50, Deduct* | *-0.71* | |
| | | *For >50 To 100, Deduct* | *-1.81* | |
| | | *For >100, Deduct* | *-3.62* | |
| 05 05 23 00-0053 | EA | 1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt | 33.84 | 1.81 |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-1.97* | |
| | | *For >100, Deduct* | *-3.94* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0054 | EA | 1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt | 39.63 | 1.93 |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-2.20* | |
| | | *For >100, Deduct* | *-4.39* | |
| 05 05 23 00-0055 | EA | 1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt | 46.42 | 2.06 |
| | | *For >10 To 50, Deduct* | *-0.86* | |
| | | *For >50 To 100, Deduct* | *-2.45* | |
| | | *For >100, Deduct* | *-4.89* | |

### 05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0057 | EA | 1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt | 12.25 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100, Deduct* | *-2.12* | |
| 05 05 23 00-0058 | EA | 1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt | 12.42 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.07* | |
| | | *For >100, Deduct* | *-2.13* | |
| 05 05 23 00-0059 | EA | 5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt | 13.83 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.10* | |
| | | *For >100, Deduct* | *-2.20* | |
| 05 05 23 00-0060 | EA | 5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt | 16.38 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.27* | |
| | | *For >100, Deduct* | *-2.55* | |
| 05 05 23 00-0061 | EA | 5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt | 17.32 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.33* | |
| | | *For >100, Deduct* | *-2.67* | |
| 05 05 23 00-0062 | EA | 3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt | 14.37 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.12* | |
| | | *For >100, Deduct* | *-2.23* | |
| 05 05 23 00-0063 | EA | 3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt | 17.41 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.30* | |
| | | *For >100, Deduct* | *-2.60* | |
| 05 05 23 00-0064 | EA | 3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt | 20.00 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.40* | |
| | | *For >100, Deduct* | *-2.80* | |
| 05 05 23 00-0065 | EA | 3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt | 25.56 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.59* | |
| | | *For >100, Deduct* | *-3.18* | |
| 05 05 23 00-0066 | EA | 7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt | 18.94 | 1.31 |
| | | *For >10 To 50, Deduct* | *-0.55* | |
| | | *For >50 To 100, Deduct* | *-1.29* | |
| | | *For >100, Deduct* | *-2.59* | |
| 05 05 23 00-0067 | EA | 7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt | 21.19 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.43* | |
| | | *For >100, Deduct* | *-2.86* | |
| 05 05 23 00-0068 | EA | 7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt | 24.26 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.56* | |
| | | *For >100, Deduct* | *-3.11* | |
| 05 05 23 00-0069 | EA | 7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt | 30.20 | 1.59 |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-1.75* | |
| | | *For >100, Deduct* | *-3.50* | |
| 05 05 23 00-0070 | EA | 1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt | 19.95 | 1.36 |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.35* | |
| | | *For >100, Deduct* | *-2.70* | |
| 05 05 23 00-0071 | EA | 1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt | 26.38 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100, Deduct* | *-3.22* | |
| 05 05 23 00-0072 | EA | 1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt | 28.84 | 1.59 |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100, Deduct* | *-3.44* | |
| 05 05 23 00-0073 | EA | 1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt | 36.57 | 1.69 |
| | | *For >10 To 50, Deduct* | *-0.71* | |
| | | *For >50 To 100, Deduct* | *-1.98* | |
| | | *For >100, Deduct* | *-3.95* | |
| 05 05 23 00-0074 | EA | 1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt | 36.35 | 1.69 |
| | | *For >10 To 50, Deduct* | *-0.71* | |
| | | *For >50 To 100, Deduct* | *-1.97* | |
| | | *For >100, Deduct* | *-3.94* | |
| 05 05 23 00-0075 | EA | 1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt | 38.76 | 1.81 |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-2.09* | |
| | | *For >100, Deduct* | *-4.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0076 | EA | 1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt | 45.27 | 1.93 |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-2.34* | |
| | | *For >100, Deduct* | *-4.68* | |
| 05 05 23 00-0077 | EA | 1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt | 52.32 | 2.06 |
| | | *For >10 To 50, Deduct* | *-0.86* | |
| | | *For >50 To 100, Deduct* | *-2.59* | |
| | | *For >100, Deduct* | *-5.19* | |

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0080 | EA | 5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt | 13.18 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.09* | |
| | | *For >100, Deduct* | *-2.17* | |
| 05 05 23 00-0081 | EA | 5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt | 18.32 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.32* | |
| | | *For >100, Deduct* | *-2.64* | |
| 05 05 23 00-0082 | EA | 5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt | 19.57 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.39* | |
| | | *For >100, Deduct* | *-2.78* | |
| 05 05 23 00-0083 | EA | 3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt | 14.70 | 1.21 |
| | | *For >10 To 50, Deduct* | *-0.50* | |
| | | *For >50 To 100, Deduct* | *-1.12* | |
| | | *For >100, Deduct* | *-2.25* | |
| 05 05 23 00-0084 | EA | 3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt | 17.73 | 1.38 |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.31* | |
| | | *For >100, Deduct* | *-2.61* | |
| 05 05 23 00-0085 | EA | 3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt | 20.55 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.42* | |
| | | *For >100, Deduct* | *-2.83* | |
| 05 05 23 00-0086 | EA | 3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt | 26.23 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.60* | |
| | | *For >100, Deduct* | *-3.21* | |
| 05 05 23 00-0087 | EA | 7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt | 17.01 | 1.31 |
| | | *For >10 To 50, Deduct* | *-0.55* | |
| | | *For >50 To 100, Deduct* | *-1.25* | |
| | | *For >100, Deduct* | *-2.49* | |
| 05 05 23 00-0088 | EA | 7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt | 19.79 | 1.44 |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.39* | |
| | | *For >100, Deduct* | *-2.79* | |
| 05 05 23 00-0089 | EA | 7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt | 28.24 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.65* | |
| | | *For >100, Deduct* | *-3.31* | |
| 05 05 23 00-0090 | EA | 1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt | 19.90 | 1.36 |
| | | *For >10 To 50, Deduct* | *-0.57* | |
| | | *For >50 To 100, Deduct* | *-1.35* | |
| | | *For >100, Deduct* | *-2.70* | |
| 05 05 23 00-0091 | EA | 1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt | 23.72 | 1.52 |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.54* | |
| | | *For >100, Deduct* | *-3.08* | |
| 05 05 23 00-0092 | EA | 1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt | 27.19 | 1.59 |
| | | *For >10 To 50, Deduct* | *-0.66* | |
| | | *For >50 To 100, Deduct* | *-1.68* | |
| | | *For >100, Deduct* | *-3.35* | |
| 05 05 23 00-0093 | EA | 1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt | 33.81 | 1.69 |
| | | *For >10 To 50, Deduct* | *-0.71* | |
| | | *For >50 To 100, Deduct* | *-1.91* | |
| | | *For >100, Deduct* | *-3.81* | |
| 05 05 23 00-0094 | EA | 1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt | 43.15 | 1.81 |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-2.20* | |
| | | *For >100, Deduct* | *-4.41* | |
| 05 05 23 00-0095 | EA | 1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt | 45.43 | 1.93 |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-2.34* | |
| | | *For >100, Deduct* | *-4.68* | |
| 05 05 23 00-0096 | EA | 1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt | 47.42 | 2.06 |
| | | *For >10 To 50, Deduct* | *-0.86* | |
| | | *For >50 To 100, Deduct* | *-2.47* | |
| | | *For >100, Deduct* | *-4.94* | |

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

| | | | |
|---|---|---|---|
| 05 05 23 00-0100 | EA | 1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.49 |
| | | *For >100 To 250, Deduct* | *-1.08* |
| | | *For >250 To 500, Deduct* | *-1.35* |
| | | *For >500, Deduct* | *-1.62* |
| 05 05 23 00-0101 | EA | 1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.52 |
| | | *For >100 To 250, Deduct* | *-1.08* |
| | | *For >250 To 500, Deduct* | *-1.35* |
| | | *For >500, Deduct* | *-1.62* |
| 05 05 23 00-0102 | EA | 1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.58 |
| | | *For >100 To 250, Deduct* | *-1.08* |
| | | *For >250 To 500, Deduct* | *-1.35* |
| | | *For >500, Deduct* | *-1.62* |
| 05 05 23 00-0103 | EA | 1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.61 |
| | | *For >100 To 250, Deduct* | *-1.08* |
| | | *For >250 To 500, Deduct* | *-1.35* |
| | | *For >500, Deduct* | *-1.62* |
| 05 05 23 00-0104 | EA | 1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.81 |
| | | *For >100 To 250, Deduct* | *-1.11* |
| | | *For >250 To 500, Deduct* | *-1.39* |
| | | *For >500, Deduct* | *-1.67* |
| 05 05 23 00-0105 | EA | 1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.84 |
| | | *For >100 To 250, Deduct* | *-1.11* |
| | | *For >250 To 500, Deduct* | *-1.39* |
| | | *For >500, Deduct* | *-1.67* |
| 05 05 23 00-0106 | EA | 1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.93 |
| | | *For >100 To 250, Deduct* | *-1.11* |
| | | *For >250 To 500, Deduct* | *-1.39* |
| | | *For >500, Deduct* | *-1.67* |
| 05 05 23 00-0107 | EA | 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.09 |
| | | *For >100 To 250, Deduct* | *-1.14* |
| | | *For >250 To 500, Deduct* | *-1.43* |
| | | *For >500, Deduct* | *-1.72* |
| 05 05 23 00-0108 | EA | 1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.12 |
| | | *For >100 To 250, Deduct* | *-1.14* |
| | | *For >250 To 500, Deduct* | *-1.43* |
| | | *For >500, Deduct* | *-1.72* |
| 05 05 23 00-0109 | EA | 1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.27 |
| | | *For >100 To 250, Deduct* | *-1.14* |
| | | *For >250 To 500, Deduct* | *-1.43* |
| | | *For >500, Deduct* | *-1.72* |
| 05 05 23 00-0110 | EA | 1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.53 |
| | | *For >100 To 250, Deduct* | *-1.17* |
| | | *For >250 To 500, Deduct* | *-1.47* |
| | | *For >500, Deduct* | *-1.76* |
| 05 05 23 00-0111 | EA | 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.64 |
| | | *For >100 To 250, Deduct* | *-1.17* |
| | | *For >250 To 500, Deduct* | *-1.47* |
| | | *For >500, Deduct* | *-1.76* |
| 05 05 23 00-0112 | EA | 1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.79 |
| | | *For >100 To 250, Deduct* | *-1.17* |
| | | *For >250 To 500, Deduct* | *-1.47* |
| | | *For >500, Deduct* | *-1.76* |
| 05 05 23 00-0113 | EA | 1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.28 |
| | | *For >100 To 250, Deduct* | *-1.21* |
| | | *For >250 To 500, Deduct* | *-1.51* |
| | | *For >500, Deduct* | *-1.81* |
| 05 05 23 00-0114 | EA | 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.52 |
| | | *For >100 To 250, Deduct* | *-1.21* |
| | | *For >250 To 500, Deduct* | *-1.51* |
| | | *For >500, Deduct* | *-1.81* |
| 05 05 23 00-0115 | EA | 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.58 |
| | | *For >100 To 250, Deduct* | *-1.21* |
| | | *For >250 To 500, Deduct* | *-1.51* |
| | | *For >500, Deduct* | *-1.81* |

## 05 05 23 00-0116 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

| | | | |
|---|---|---|---|
| 05 05 23 00-0117 | EA | 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.55 |
| | | *For >100 To 250, Deduct* | *-1.08* |
| | | *For >250 To 500, Deduct* | *-1.35* |
| | | *For >500, Deduct* | *-1.62* |
| 05 05 23 00-0118 | EA | 5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.57 |
| | | *For >100 To 250, Deduct* | *-1.08* |
| | | *For >250 To 500, Deduct* | *-1.35* |
| | | *For >500, Deduct* | *-1.62* |
| 05 05 23 00-0119 | EA | 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.63 |
| | | *For >100 To 250, Deduct* | *-1.08* |
| | | *For >250 To 500, Deduct* | *-1.35* |
| | | *For >500, Deduct* | *-1.62* |
| 05 05 23 00-0120 | EA | 5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.67 |
| | | *For >100 To 250, Deduct* | *-1.08* |
| | | *For >250 To 500, Deduct* | *-1.35* |
| | | *For >500, Deduct* | *-1.62* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0121 | EA | 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.88 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0122 | EA | 5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.98 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0123 | EA | 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.02 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0124 | EA | 5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.26 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0125 | EA | 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.40 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0126 | EA | 5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.46 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0127 | EA | 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.65 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0128 | EA | 5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.71 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0129 | EA | 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.25 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0130 | EA | 5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.67 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0131 | EA | 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.91 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0132 | EA | 5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.12 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

### 05 05 23 00-0133 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0134 | EA | 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.62 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0135 | EA | 3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.64 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0136 | EA | 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.71 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0137 | EA | 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.78 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0138 | EA | 3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.00 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0139 | EA | 3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.13 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0140 | EA | 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.25 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0141 | EA | 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.52 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0142 | EA | 3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.69 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0143 | EA | 3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.78 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0144 | EA | 3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.09 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0145 | EA | 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.18 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0146 | EA | 3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.25 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0147 | EA | 3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.45 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0148 | EA | 3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.55 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0149 | EA | 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.69 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0150 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0151 | EA | 7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.69 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0152 | EA | 7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.79 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0153 | EA | 7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.80 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0154 | EA | 7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.09 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0155 | EA | 7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.24 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0156 | EA | 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.37 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0157 | EA | 7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.86 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0158 | EA | 7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.95 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0159 | EA | 7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.13 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0160 | EA | 7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.59 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0161 | EA | 7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.68 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0162 | EA | 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.91 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0163 | EA | 7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.16 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0164 | EA | 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.37 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0165 | EA | 7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.78 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |

## 05 05 23 00-0166 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0167 | EA | 1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.61 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0168 | EA | 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.73 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0169 | EA | 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.85 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0170 | EA | 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.13 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0171 | EA | 1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.26 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0172 | EA | 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.39 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0173 | EA | 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.71 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0174 | EA | 1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.86 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0175 | EA | 1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.11 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0176 | EA | 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.30 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0177 | EA | 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.33 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0178 | EA | 1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.55 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0179 | EA | 1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.89 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0180 | EA | 1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.03 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0181 | EA | 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.40 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0182 | EA | 1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.73 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0183 | EA | 1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.87 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0184 | EA | 1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.39 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0185 | EA | 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.53 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |

## 05 05 23 00-0186 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0187 | EA | 9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.73 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0188 | EA | 9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.90 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0189 | EA | 9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.94 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0190 | EA | 9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.63 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0191 | EA | 9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.85 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0192 | EA | 9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.92 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0193 | EA | 9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.11 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0194 | EA | 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.16 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0195 | EA | 9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.35 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0196 | EA | 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.55 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0197 | EA | 9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.60 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0198 | EA | 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.76 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0199 | EA | 9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.09 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0200 | EA | 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.28 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0201 | EA | 9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.48 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0202 | EA | 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.80 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0203 | EA | 9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.03 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0204 | EA | 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.18 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0205 | EA | 9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.42 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0206 | | 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)* | | |
| 05 05 23 00-0207 | EA | 5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.87 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0208 | EA | 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.98 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0209 | EA | 5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.12 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0210 | EA | 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.48 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0211 | EA | 5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.69 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0212 | EA | 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.96 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0213 | EA | 5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.45 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0214 | EA | 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.86 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0215 | EA | 5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.18 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0216 | EA | 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.46 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0217 | EA | 5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.50 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0218 | EA | 5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.04 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0219 | EA | 5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.51 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0220 | EA | 5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.94 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0221 | EA | 5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.45 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0222 | EA | 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.14 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0223 | EA | 5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.63 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0224 | EA | 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.14 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0225 | EA | 5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.53 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

### 05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0227 | EA | 3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.23 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0228 | EA | 3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.46 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0229 | EA | 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.66 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0230 | EA | 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.08 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0231 | EA | 3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.40 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0232 | EA | 3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.68 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0233 | EA | 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.13 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0234 | EA | 3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.52 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0235 | EA | 3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.83 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0236 | EA | 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.62 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0237 | EA | 3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.88 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0238 | EA | 3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.36 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0239 | EA | 3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.55 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0240 | EA | 3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.68 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0241 | EA | 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.20 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0242 | EA | 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.04 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0243 | EA | 3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.56 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0244 | EA | 3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 16.26 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0245 | EA | 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 16.94 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

### 05 05 23 00-0246 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0247 | EA | 7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.18 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0248 | EA | 7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.37 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0249 | EA | 7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.46 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0250 | EA | 7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.88 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0251 | EA | 7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.39 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0252 | EA | 7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.99 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0253 | EA | 7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.65 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0254 | EA | 7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.52 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0255 | EA | 7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.00 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0256 | EA | 7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.53 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0257 | EA | 7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.82 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0258 | EA | 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.51 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0259 | EA | 7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 16.35 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0260 | EA | 7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 17.04 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0261 | EA | 7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 17.73 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0262 | EA | 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 18.54 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0263 | EA | 7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 19.27 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0264 | EA | 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 19.93 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0265 | EA | 7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 20.65 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0266 | | 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)* | | |
| 05 05 23 00-0267 | EA | 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.03 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0268 | EA | 1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.29 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0269 | EA | 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.24 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0270 | EA | 1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.23 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0271 | EA | 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.14 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0272 | EA | 1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 16.23 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0273 | EA | 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 17.10 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0274 | EA | 1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 18.01 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0275 | EA | 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 18.61 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0276 | EA | 1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 19.04 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0277 | EA | 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 19.80 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0278 | EA | 1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 20.71 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0279 | EA | 1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 21.46 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0280 | EA | 1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 22.24 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0281 | EA | 1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 23.02 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0282 | EA | 1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 23.91 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0283 | EA | 1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 24.69 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0284 | EA | 1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt | 25.48 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

## 05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

## 05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0287 | EA | 1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.54 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0288 | EA | 1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.58 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0289 | EA | 1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.61 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0290 | EA | 1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.68 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0291 | EA | 1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.91 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0292 | EA | 1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.02 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0293 | EA | 1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.15 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0294 | EA | 1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.41 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0295 | EA | 1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.56 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0296 | EA | 1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.67 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0297 | EA | 1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.94 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0298 | EA | 1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.04 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0299 | EA | 1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.14 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0300 | EA | 1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.44 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0301 | EA | 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.58 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0302 | EA | 1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.72 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0303 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0304 | EA | 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.62 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0305 | EA | 5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.65 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0306 | EA | 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.69 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0307 | EA | 5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.78 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0308 | EA | 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.01 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0309 | EA | 5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.12 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0310 | EA | 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.33 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0311 | EA | 5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.58 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0312 | EA | 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.73 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0313 | EA | 5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.88 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0314 | EA | 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.32 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0315 | EA | 5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.37 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0316 | EA | 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.56 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0317 | EA | 5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.98 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0318 | EA | 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.25 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0319 | EA | 5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.50 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0321 | EA | 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.66 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0322 | EA | 3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.68 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0323 | EA | 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.77 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0324 | EA | 3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 5.87 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0325 | EA | 3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.13 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0326 | EA | 3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.24 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0327 | EA | 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.42 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0328 | EA | 3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.76 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0329 | EA | 3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.17 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0330 | EA | 3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.35 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0331 | EA | 3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.75 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0332 | EA | 3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.92 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0333 | EA | 3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.23 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0334 | EA | 3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.62 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0335 | EA | 3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.03 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0336 | EA | 3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.36 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0338 | EA | 7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.62 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0339 | EA | 7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.70 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0340 | EA | 7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.91 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0341 | EA | 7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.22 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0342 | EA | 7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.38 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0343 | EA | 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.52 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0344 | EA | 7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.87 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0345 | EA | 7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.68 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0346 | EA | 7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.04 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0347 | EA | 7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.31 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0348 | EA | 7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.47 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0349 | EA | 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.65 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0350 | EA | 7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.03 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0351 | EA | 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.27 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0352 | EA | 7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.51 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |

## 05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0354 | EA | 1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.73 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0355 | EA | 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.84 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0356 | EA | 1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 6.96 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0357 | EA | 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.31 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0358 | EA | 1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.49 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0359 | EA | 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.68 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0360 | EA | 1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.02 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0361 | EA | 1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.66 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0362 | EA | 1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.70 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0363 | EA | 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.29 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0364 | EA | 1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.53 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0365 | EA | 1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.17 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0366 | EA | 1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.90 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0367 | EA | 1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 11.25 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0368 | EA | 1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 11.39 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0369 | EA | 1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.20 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0370 | EA | 1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.82 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0371 | EA | 1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.70 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0372 | EA | 1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 14.04 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |

### 05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0374 | EA | 9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.07 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0375 | EA | 9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.28 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0376 | EA | 9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.46 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0377 | EA | 9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 7.82 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0378 | EA | 9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.07 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0379 | EA | 9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.36 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0380 | EA | 9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.85 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0381 | EA | 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.96 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0382 | EA | 9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.25 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0383 | EA | 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.73 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0384 | EA | 9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 11.03 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0385 | EA | 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.06 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0386 | EA | 9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.47 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0387 | EA | 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.89 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0388 | EA | 9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 14.60 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0389 | EA | 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 15.42 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0390 | EA | 9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 15.67 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0391 | EA | 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 15.93 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0392 | EA | 9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 16.57 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |

## 05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0394 | EA | 5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.06 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0395 | EA | 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.13 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0396 | EA | 5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.19 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0397 | EA | 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.55 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0398 | EA | 5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.89 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0399 | EA | 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.19 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0400 | EA | 5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.66 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0401 | EA | 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.26 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0402 | EA | 5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.58 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0403 | EA | 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.89 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0404 | EA | 5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 11.40 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0405 | EA | 5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.21 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0406 | EA | 5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.11 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0407 | EA | 5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.78 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0408 | EA | 5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.88 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0409 | EA | 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 15.24 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0410 | EA | 5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 16.15 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0411 | EA | 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 17.47 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0412 | EA | 5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 17.93 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

## 05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0414 | EA | 3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.82 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0415 | EA | 3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 8.95 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0416 | EA | 3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.02 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0417 | EA | 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.47 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0418 | EA | 3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 9.81 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0419 | EA | 3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.32 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0420 | EA | 3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.82 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0421 | EA | 3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 11.15 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0422 | EA | 3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 11.85 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0423 | EA | 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.32 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0424 | EA | 3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.89 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0425 | EA | 3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.59 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0426 | EA | 3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 14.74 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0427 | EA | 3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 15.47 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0428 | EA | 3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 15.88 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0429 | EA | 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 17.12 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0430 | EA | 3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 17.49 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0431 | EA | 3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 18.69 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0432 | EA | 3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 18.99 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

## 05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0434 | EA | 7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.54 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0435 | EA | 7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.71 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0436 | EA | 7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 10.93 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0437 | EA | 7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 11.32 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0438 | EA | 7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.00 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0439 | EA | 7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.45 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0440 | EA | 7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.95 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0441 | EA | 7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.75 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0442 | EA | 7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 14.35 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0443 | EA | 7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 14.79 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0444 | EA | 7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 15.29 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0445 | EA | 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 17.45 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0446 | EA | 7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 18.37 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0447 | EA | 7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 19.31 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0448 | EA | 7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 19.37 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0449 | EA | 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 20.90 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0450 | EA | 7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 21.82 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0451 | EA | 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 22.61 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0452 | EA | 7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 23.40 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

## 05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0454 | EA | 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.05 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0455 | EA | 1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.10 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0456 | EA | 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 12.77 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0457 | EA | 1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.42 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0458 | EA | 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 13.91 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0459 | EA | 1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 14.68 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0460 | EA | 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 15.45 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0461 | EA | 1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 16.57 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0462 | EA | 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 17.52 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0463 | EA | 1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 17.76 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0464 | EA | 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 19.32 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0465 | EA | 1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 20.47 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0466 | EA | 1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 22.14 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0467 | EA | 1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 22.61 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0468 | EA | 1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 28.09 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0469 | EA | 1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 28.52 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0470 | EA | 1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 29.66 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0471 | EA | 1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt | 30.44 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

## 05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **05 05 23 00-0473** | | **1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts** *(05 05 23 00-0472)* | | |
| 05 05 23 00-0474 | EA | 1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.56 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0475 | EA | 1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.64 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0476 | EA | 1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.68 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0477 | EA | 1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.76 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0478 | EA | 1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.98 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0479 | EA | 1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.07 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0480 | EA | 1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.16 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0481 | EA | 1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.32 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0482 | EA | 1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.58 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0483 | EA | 1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.82 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0484 | EA | 1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.09 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0485 | EA | 1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.22 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0486 | EA | 1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.39 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0487 | EA | 1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.66 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0488 | EA | 1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.98 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0489 | EA | 1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.12 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| **05 05 23 00-0490** | | **5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts** *(05 05 23 00-0472)* | | |
| 05 05 23 00-0491 | EA | 5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.63 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0492 | EA | 5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.68 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0493 | EA | 5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.83 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0494 | EA | 5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.86 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0495 | EA | 5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.11 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0496 | EA | 5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.33 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0497 | EA | 5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.40 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0498 | EA | 5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.68 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0499 | EA | 5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.83 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0500 | EA | 5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.16 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0501 | EA | 5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.50 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0502 | EA | 5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.63 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0503 | EA | 5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.82 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0504 | EA | 5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.11 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0505 | EA | 5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.26 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0506 | EA | 5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.53 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

### 05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0508 | EA | 3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.79 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0509 | EA | 3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.81 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0510 | EA | 3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 5.82 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0511 | EA | 3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.00 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0512 | EA | 3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.27 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0513 | EA | 3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.45 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0514 | EA | 3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.61 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0515 | EA | 3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.27 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0516 | EA | 3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.48 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0517 | EA | 3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.52 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0518 | EA | 3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.75 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0519 | EA | 3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.97 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0520 | EA | 3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.98 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0521 | EA | 3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.38 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0522 | EA | 3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.83 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0523 | EA | 3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.89 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0525 | EA | 7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.74 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0526 | EA | 7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.76 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0527 | EA | 7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.05 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0528 | EA | 7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.22 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0529 | EA | 7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.54 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0530 | EA | 7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.72 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0531 | EA | 7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.91 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0532 | EA | 7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.61 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0533 | EA | 7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.17 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0534 | EA | 7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.70 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0535 | EA | 7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.89 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0536 | EA | 7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.18 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0537 | EA | 7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.76 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0538 | EA | 7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.70 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0539 | EA | 7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.77 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |

## 05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0541 | EA | 1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 6.92 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0542 | EA | 1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.13 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0543 | EA | 1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.26 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0544 | EA | 1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.54 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0545 | EA | 1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.77 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0546 | EA | 1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.28 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0547 | EA | 1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.80 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0548 | EA | 1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.10 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0549 | EA | 1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.31 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0550 | EA | 1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.84 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0551 | EA | 1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.49 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0552 | EA | 1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.08 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0553 | EA | 1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.75 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0554 | EA | 1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.01 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0555 | EA | 1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.75 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0556 | EA | 1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 14.14 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0557 | EA | 1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 14.67 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0558 | EA | 1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 14.95 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0559 | EA | 1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 16.27 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |

## 05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0561 | EA | 9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.11 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0562 | EA | 9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.24 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0563 | EA | 9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 7.52 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0564 | EA | 9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.10 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0565 | EA | 9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.20 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0566 | EA | 9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.62 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0567 | EA | 9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.06 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0568 | EA | 9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.43 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0569 | EA | 9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.70 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0570 | EA | 9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.07 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0571 | EA | 9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.67 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0572 | EA | 9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 13.92 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0573 | EA | 9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 16.71 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0574 | EA | 9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 19.96 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0575 | EA | 9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 23.50 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |

### 05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0577 | EA | 5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.33 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0578 | EA | 5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.45 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0579 | EA | 5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 8.77 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0580 | EA | 5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.39 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0581 | EA | 5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.77 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0582 | EA | 5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.97 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0583 | EA | 5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.27 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0584 | EA | 5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.94 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0585 | EA | 5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.24 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0586 | EA | 5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.71 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0587 | EA | 5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.03 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0588 | EA | 5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.70 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0589 | EA | 5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 14.44 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0590 | EA | 5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 15.20 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0591 | EA | 5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 15.51 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0592 | EA | 5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 17.01 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0593 | EA | 5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 18.50 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0594 | EA | 5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 18.61 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0595 | EA | 5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 20.00 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

## 05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0597 | EA | 3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.03 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0598 | EA | 3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.17 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0599 | EA | 3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.26 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0600 | EA | 3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.61 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0601 | EA | 3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 9.89 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0602 | EA | 3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 10.70 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0603 | EA | 3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.19 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0604 | EA | 3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.26 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0605 | EA | 3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.36 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0606 | EA | 3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.91 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0607 | EA | 3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 13.49 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0608 | EA | 3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 14.56 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0609 | EA | 3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 16.04 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0610 | EA | 3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 16.61 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0611 | EA | 3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 16.91 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0612 | EA | 3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 18.48 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0613 | EA | 3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 19.52 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0614 | EA | 3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 20.27 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0615 | EA | 3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 20.55 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

## 05 05 23 00-0616 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0617 | EA | 7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 11.75 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0618 | EA | 7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.11 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0619 | EA | 7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.80 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0620 | EA | 7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 13.86 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0621 | EA | 7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 13.99 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0622 | EA | 7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 14.37 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0623 | EA | 7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 16.95 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0624 | EA | 7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 17.61 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0625 | EA | 7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 19.29 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0626 | EA | 7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 20.25 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0627 | EA | 7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 22.75 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0628 | EA | 7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 23.73 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0629 | EA | 7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 26.29 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0630 | EA | 7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 27.33 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0631 | EA | 7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 28.32 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0632 | EA | 7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 28.62 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0633 | EA | 7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 28.88 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0634 | EA | 7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 29.49 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

## 05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0636 | EA | 1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 12.77 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0637 | EA | 1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 13.66 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0638 | EA | 1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 14.21 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0639 | EA | 1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 14.88 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0640 | EA | 1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 16.13 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0641 | EA | 1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 16.62 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0642 | EA | 1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 17.70 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0643 | EA | 1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 19.14 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0644 | EA | 1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 19.96 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0645 | EA | 1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 20.57 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0646 | EA | 1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 23.58 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0647 | EA | 1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 24.19 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0648 | EA | 1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 27.59 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0649 | EA | 1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 28.17 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0650 | EA | 1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 30.14 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0651 | EA | 1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 31.12 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0652 | EA | 1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 33.71 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0653 | EA | 1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt | 35.29 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

### 05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

### 05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0656 | EA | 1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.67 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0657 | EA | 1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.68 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0658 | EA | 1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.70 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0659 | EA | 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.88 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0660 | EA | 1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.13 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0661 | EA | 1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.24 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0662 | EA | 1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.28 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0663 | EA | 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.44 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0664 | EA | 1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.57 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0665 | EA | 1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.61 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0666 | EA | 1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.85 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0667 | EA | 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.96 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0668 | EA | 1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.00 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0669 | EA | 1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.26 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0670 | EA | 1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.57 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0671 | EA | 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.96 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0673 | EA | 5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.58 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0674 | EA | 5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.94 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0675 | EA | 5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.97 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0676 | EA | 5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.98 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0677 | EA | 5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.30 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0678 | EA | 5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.64 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0679 | EA | 5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.70 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0680 | EA | 5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.94 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0681 | EA | 5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.97 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0682 | EA | 5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.24 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0683 | EA | 5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.46 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0684 | EA | 5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.56 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0685 | EA | 5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.82 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0686 | EA | 5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.49 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0687 | EA | 5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.90 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0688 | EA | 5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.28 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0690 | EA | 3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.69 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0691 | EA | 3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.78 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0692 | EA | 3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 5.86 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0693 | EA | 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.08 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0694 | EA | 3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.33 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0695 | EA | 3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.51 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0696 | EA | 3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.64 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0697 | EA | 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.96 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0698 | EA | 3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.05 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0699 | EA | 3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.27 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0700 | EA | 3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.51 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0701 | EA | 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.81 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0702 | EA | 3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.86 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0703 | EA | 3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.04 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0704 | EA | 3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.07 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0705 | EA | 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.42 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

### 05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0707 | EA | 7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.00 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0708 | EA | 7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.38 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0709 | EA | 7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.68 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0710 | EA | 7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.33 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0711 | EA | 7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.35 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0712 | EA | 7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.38 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0713 | EA | 7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.79 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0714 | EA | 7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.07 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0715 | EA | 7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.31 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0716 | EA | 7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.75 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0717 | EA | 7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.04 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |

## 05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0719 | EA | 1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.82 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0720 | EA | 1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 6.95 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0721 | EA | 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.20 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0722 | EA | 1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.64 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0723 | EA | 1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 7.84 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0724 | EA | 1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.20 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0725 | EA | 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.42 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0726 | EA | 1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.55 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0727 | EA | 1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.84 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0728 | EA | 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.13 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0729 | EA | 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.45 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0730 | EA | 1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.48 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0731 | EA | 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.69 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0732 | EA | 1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.78 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0733 | EA | 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.02 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0734 | EA | 1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.32 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0735 | EA | 1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.52 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0736 | EA | 1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.56 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0737 | EA | 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.67 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |

## 05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0739 | EA | 5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.05 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0740 | EA | 5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.24 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0741 | EA | 5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.38 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0742 | EA | 5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.75 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0743 | EA | 5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.04 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0744 | EA | 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.68 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0745 | EA | 5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.93 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0746 | EA | 5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.04 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0747 | EA | 5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.24 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0748 | EA | 5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.64 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0749 | EA | 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.87 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0750 | EA | 5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.53 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0751 | EA | 5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.73 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0752 | EA | 5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.88 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0753 | EA | 5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.22 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0754 | EA | 5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.85 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0755 | EA | 5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.39 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0756 | EA | 5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.63 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0757 | EA | 5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.73 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

### 05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0759 | EA | 3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 8.98 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0760 | EA | 3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.02 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0761 | EA | 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.26 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0762 | EA | 3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 9.95 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0763 | EA | 3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 10.85 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0764 | EA | 3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.42 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0765 | EA | 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.88 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0766 | EA | 3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.93 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0767 | EA | 3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.05 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0768 | EA | 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.29 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0769 | EA | 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.05 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0770 | EA | 3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 13.36 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0771 | EA | 3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.14 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0772 | EA | 3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.24 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0773 | EA | 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.55 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0774 | EA | 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.16 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0775 | EA | 3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.49 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0776 | EA | 3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.68 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0777 | EA | 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.77 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

## 05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0779 | EA | 7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.61 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0780 | EA | 7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 11.98 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0781 | EA | 7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 12.35 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0782 | EA | 7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.26 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0783 | EA | 7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.55 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0784 | EA | 7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.08 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0785 | EA | 7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.48 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0786 | EA | 7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 16.00 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0787 | EA | 7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 16.50 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0788 | EA | 7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 16.90 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0789 | EA | 7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 20.08 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0790 | EA | 7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 20.67 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0791 | EA | 7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 21.41 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0792 | EA | 7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 21.58 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0793 | EA | 7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 21.95 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0794 | EA | 7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 22.36 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0795 | EA | 7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 22.87 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0796 | EA | 7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 23.35 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0797 | | 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)* | | |
| 05 05 23 00-0798 | EA | 1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.19 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0799 | EA | 1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 14.46 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0800 | EA | 1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.15 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0801 | EA | 1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 15.69 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0802 | EA | 1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 17.09 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0803 | EA | 1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 17.37 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0804 | EA | 1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 18.17 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0805 | EA | 1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 18.40 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0806 | EA | 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 18.70 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0807 | EA | 1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 21.42 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0808 | EA | 1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 22.08 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0809 | EA | 1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 23.22 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0810 | EA | 1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 24.35 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0811 | EA | 1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 24.85 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0812 | EA | 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 25.76 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0813 | EA | 1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 26.46 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0814 | EA | 1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt | 27.49 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0815 | | 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)* | | |
| 05 05 23 00-0816 | | 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)* | | |
| 05 05 23 00-0817 | EA | 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 5.65 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0818 | EA | 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 5.75 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0819 | EA | 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 5.87 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0820 | EA | 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.00 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0821 | EA | 1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.29 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0822 | EA | 1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.48 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0823 | EA | 1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.71 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0824 | EA | 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.03 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0825 | EA | 1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.31 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0826 | EA | 1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.56 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0827 | EA | 1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.92 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0828 | EA | 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 8.34 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0829 | EA | 1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 13.41 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0830 | EA | 1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.05 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0831 | EA | 1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.29 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0832 | EA | 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.85 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0834 | EA | 5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 5.83 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0835 | EA | 5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 5.92 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0836 | EA | 5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.10 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0837 | EA | 5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.25 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0838 | EA | 5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.67 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0839 | EA | 5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.76 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0840 | EA | 5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.24 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0841 | EA | 5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.72 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0842 | EA | 5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 8.25 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0843 | EA | 5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 8.51 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0844 | EA | 5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 9.47 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0845 | EA | 5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.79 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0846 | EA | 5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 13.81 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0847 | EA | 5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 18.85 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0849 | EA | 3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.06 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0850 | EA | 3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.17 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0851 | EA | 3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.45 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0852 | EA | 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 6.81 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0853 | EA | 3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.16 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0854 | EA | 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.45 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0855 | EA | 3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.83 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0856 | EA | 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 8.33 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0857 | EA | 3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 8.78 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0858 | EA | 3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 9.77 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0859 | EA | 3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.04 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0860 | EA | 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.86 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0861 | EA | 3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 12.61 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-0862 | EA | 3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 13.18 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-0863 | EA | 3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 13.43 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0864 | EA | 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 15.17 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0866 | EA | 7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.75 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0867 | EA | 7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.87 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0868 | EA | 7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 8.34 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0869 | EA | 7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 8.76 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0870 | EA | 7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 9.32 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0871 | EA | 7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.25 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0872 | EA | 7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.83 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0873 | EA | 7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 11.92 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0874 | EA | 7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 12.39 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0875 | EA | 7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 14.03 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0876 | EA | 7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 15.69 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0877 | EA | 7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 15.91 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0878 | EA | 7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.26 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |

## 05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0880 | EA | 1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.74 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0881 | EA | 1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 7.87 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0882 | EA | 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 8.60 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0883 | EA | 1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 9.04 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0884 | EA | 1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 9.70 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0885 | EA | 1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.06 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0886 | EA | 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.66 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0887 | EA | 1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.98 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0888 | EA | 1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 12.71 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0889 | EA | 1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 13.35 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0890 | EA | 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 14.13 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0891 | EA | 1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 15.01 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0892 | EA | 1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.47 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0893 | EA | 1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 17.00 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0894 | EA | 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 17.84 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-0895 | EA | 1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 22.06 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0896 | EA | 1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 22.39 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0897 | EA | 1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 24.70 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0898 | EA | 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 26.98 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |

## 05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0900 | EA | 9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 11.55 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0901 | EA | 9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 13.06 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0902 | EA | 9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 15.71 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-0903 | EA | 9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.39 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0904 | EA | 9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 17.33 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0905 | EA | 9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 18.97 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-0906 | EA | 9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 21.54 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0907 | EA | 9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 21.91 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0908 | EA | 9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 25.37 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-0909 | EA | 9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 27.16 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-0910 | EA | 9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 29.01 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |

## 05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0912 | EA | 5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 9.80 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0913 | EA | 5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 10.14 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0914 | EA | 5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 11.58 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0915 | EA | 5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 11.98 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0916 | EA | 5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 12.67 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0917 | EA | 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 13.65 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0918 | EA | 5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 15.03 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0919 | EA | 5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 15.04 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0920 | EA | 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.14 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0921 | EA | 5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.91 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0922 | EA | 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 17.90 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0923 | EA | 5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 21.53 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0924 | EA | 5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 23.67 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0925 | EA | 5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 25.32 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0926 | EA | 5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 26.06 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0927 | EA | 5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 29.24 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0928 | EA | 5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 30.20 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0929 | EA | 5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 34.52 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0930 | EA | 5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 36.29 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

## 05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0932 | EA | 3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 11.37 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0933 | EA | 3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 12.04 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0934 | EA | 3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 12.93 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-0935 | EA | 3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 14.06 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0936 | EA | 3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 15.04 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0937 | EA | 3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.69 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-0938 | EA | 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 17.82 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0939 | EA | 3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 19.36 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0940 | EA | 3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 20.59 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-0941 | EA | 3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 22.01 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0942 | EA | 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 23.44 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0943 | EA | 3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 26.12 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-0944 | EA | 3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 33.41 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0945 | EA | 3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 35.69 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0946 | EA | 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 40.56 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-0947 | EA | 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 40.93 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0948 | EA | 3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 41.70 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0949 | EA | 3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 43.78 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0950 | EA | 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 45.38 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

## 05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0952 | EA | 7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 16.37 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0953 | EA | 7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 18.06 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0954 | EA | 7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 19.50 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0955 | EA | 7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 21.21 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0956 | EA | 7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 21.76 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0957 | EA | 7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 23.32 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0958 | EA | 7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 23.87 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0959 | EA | 7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 27.59 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0960 | EA | 7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 28.29 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0961 | EA | 7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 29.72 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0962 | EA | 7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 37.59 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0963 | EA | 7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 40.76 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0964 | EA | 7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 44.29 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0965 | EA | 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 47.14 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0966 | EA | 7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 55.94 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0967 | EA | 7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 62.86 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0968 | EA | 7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 66.06 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0969 | EA | 7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 69.25 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

## 05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0971 | EA | 1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 20.45 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0972 | EA | 1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 21.68 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-0973 | EA | 1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 23.67 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0974 | EA | 1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 25.22 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0975 | EA | 1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 27.76 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-0976 | EA | 1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 30.77 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0977 | EA | 1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 32.55 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0978 | EA | 1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 35.17 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-0979 | EA | 1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 37.78 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0980 | EA | 1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 37.92 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0981 | EA | 1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 44.95 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-0982 | EA | 1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 53.99 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0983 | EA | 1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 55.32 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0984 | EA | 1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 56.64 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-0985 | EA | 1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 59.45 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0986 | EA | 1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 63.51 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0987 | EA | 1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 81.94 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-0988 | EA | 1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt | 103.42 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

### 05 05 23 00-0989 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

### 05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-0991 | EA | 1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 5.84 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0992 | EA | 1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 6.03 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0993 | EA | 1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 6.17 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0994 | EA | 2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 6.27 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-0995 | EA | 2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 6.71 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-0996 | EA | 3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 6.96 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0997 | EA | 3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 7.21 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-0998 | EA | 4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 7.56 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-0999 | EA | 4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 7.77 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-1000 | EA | 5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 7.86 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-1001 | EA | 5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 8.66 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1002 | EA | 6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 8.83 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1003 | EA | 6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 15.29 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1004 | EA | 7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 23.27 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-1005 | EA | 7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 40.50 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-1006 | EA | 8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt | 44.43 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1008 | EA | 5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt | 6.10 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-1009 | EA | 5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt | 6.32 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-1010 | EA | 5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 6.69 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-1011 | EA | 5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 6.97 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-1012 | EA | 5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 7.25 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-1013 | EA | 5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 7.82 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-1014 | EA | 5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 8.22 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-1015 | EA | 5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 8.54 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-1016 | EA | 5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 9.39 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-1017 | EA | 5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 9.56 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1018 | EA | 5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 10.30 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1019 | EA | 5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 10.96 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1020 | EA | 5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 16.46 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1021 | EA | 5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt | 24.42 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1023 | EA | 3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt | 6.69 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-1024 | EA | 3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt | 6.77 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-1025 | EA | 3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 7.12 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-1026 | EA | 3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 7.94 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.62* | |
| 05 05 23 00-1027 | EA | 3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 8.39 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-1028 | EA | 3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 8.53 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-1029 | EA | 3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 9.25 | |
| | | *For >100 To 250, Deduct* | *-1.11* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-1.67* | |
| 05 05 23 00-1030 | EA | 3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 9.50 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-1031 | EA | 3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 9.95 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-1032 | EA | 3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 10.26 | |
| | | *For >100 To 250, Deduct* | *-1.14* | |
| | | *For >250 To 500, Deduct* | *-1.43* | |
| | | *For >500, Deduct* | *-1.72* | |
| 05 05 23 00-1033 | EA | 3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 11.40 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1034 | EA | 3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 12.61 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1035 | EA | 3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 12.66 | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 05 23 00-1036 | EA | 3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt | 15.88 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-1037 | EA | 3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 20.85 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |
| 05 05 23 00-1038 | EA | 3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt | 26.22 | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.51* | |
| | | *For >500, Deduct* | *-1.81* | |

## 05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1040 | EA | 7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt | 8.83 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1041 | EA | 7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 9.34 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1042 | EA | 7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 10.31 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1043 | EA | 7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 11.29 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1044 | EA | 7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 12.22 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1045 | EA | 7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 13.74 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1046 | EA | 7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 15.36 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-1047 | EA | 7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 15.62 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-1048 | EA | 7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 16.18 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-1049 | EA | 7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 16.71 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-1050 | EA | 7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 17.10 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-1051 | EA | 7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 17.50 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-1052 | EA | 7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt | 17.97 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |

## 05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1054 | EA | 1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt | 8.80 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1055 | EA | 1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 9.36 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1056 | EA | 1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 10.14 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1057 | EA | 1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 11.21 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1058 | EA | 1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 12.07 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1059 | EA | 1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 12.28 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1060 | EA | 1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 12.80 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-1061 | EA | 1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 14.46 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1062 | EA | 1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 17.82 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-1063 | EA | 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 18.23 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-1064 | EA | 1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 18.76 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-1065 | EA | 1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 22.91 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |
| 05 05 23 00-1066 | EA | 1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt | 25.84 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-1067 | EA | 1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 27.64 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-1068 | EA | 1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt | 30.62 | |
| | | *For >100 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.04* | |
| 05 05 23 00-1069 | EA | 1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 38.64 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1070 | EA | 1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt | 43.72 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1071 | EA | 1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 44.56 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1072 | EA | 1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt | 45.85 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |

## 05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1074 | EA | 9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt | 22.72 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1075 | EA | 9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 24.55 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1076 | EA | 9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 30.66 | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.55* | |
| | | *For >500, Deduct* | *-1.85* | |
| 05 05 23 00-1077 | EA | 9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 34.24 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1078 | EA | 9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 37.85 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1079 | EA | 9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 41.46 | |
| | | *For >100 To 250, Deduct* | *-1.27* | |
| | | *For >250 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-1.90* | |
| 05 05 23 00-1080 | EA | 9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 43.87 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-1081 | EA | 9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 46.85 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-1082 | EA | 9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 49.50 | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-1.95* | |
| 05 05 23 00-1083 | EA | 9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 50.45 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1084 | EA | 9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 52.78 | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500, Deduct* | *-2.00* | |

## 05 05 23 00-1085 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1086 | EA | 5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt | 12.40 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1087 | EA | 5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 12.56 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1088 | EA | 5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 12.61 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1089 | EA | 5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 13.82 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-1090 | EA | 5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 14.89 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-1091 | EA | 5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 18.29 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-1092 | EA | 5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 19.16 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-1093 | EA | 5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 22.13 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-1094 | EA | 5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 23.17 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-1095 | EA | 5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 25.27 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-1096 | EA | 5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 26.12 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-1097 | EA | 5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 31.34 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-1098 | EA | 5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt | 33.37 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-1099 | EA | 5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 34.04 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-1100 | EA | 5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt | 36.47 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-1101 | EA | 5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 38.82 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-1102 | EA | 5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt | 40.88 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-1103 | EA | 5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 50.73 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-1104 | EA | 5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt | 61.25 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

## 05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1106 | EA | 3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt | 16.54 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1107 | EA | 3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 16.91 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1108 | EA | 3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 18.33 | |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.09* | |
| 05 05 23 00-1109 | EA | 3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 19.73 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-1110 | EA | 3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 22.38 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-1111 | EA | 3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 23.92 | |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.13* | |
| 05 05 23 00-1112 | EA | 3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 27.33 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-1113 | EA | 3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 28.68 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-1114 | EA | 3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 29.43 | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.18* | |
| 05 05 23 00-1115 | EA | 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 30.57 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-1116 | EA | 3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 32.26 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-1117 | EA | 3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 37.48 | |
| | | *For >100 To 250, Deduct* | *-1.48* | |
| | | *For >250 To 500, Deduct* | *-1.85* | |
| | | *For >500, Deduct* | *-2.22* | |
| 05 05 23 00-1118 | EA | 3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt | 45.18 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-1119 | EA | 3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 51.05 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-1120 | EA | 3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt | 51.94 | |
| | | *For >100 To 250, Deduct* | *-1.51* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 05 23 00-1121 | EA | 3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 55.62 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-1122 | EA | 3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt | 64.53 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-1123 | EA | 3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 65.28 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-1124 | EA | 3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt | 67.16 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

### 05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1126 | EA | 7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 18.66 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-1127 | EA | 7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 21.11 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1128 | EA | 7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 22.61 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-1129 | EA | 7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 26.04 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-1130 | EA | 7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 27.57 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-1131 | EA | 7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 29.08 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-1132 | EA | 7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 31.16 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-1133 | EA | 7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 35.83 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-1134 | EA | 7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 36.10 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-1135 | EA | 7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 37.65 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-1136 | EA | 7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 50.72 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-1137 | EA | 7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt | 56.64 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-1138 | EA | 7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 62.85 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-1139 | EA | 7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt | 65.90 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-1140 | EA | 7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 70.03 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-1141 | EA | 7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt | 72.69 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-1142 | EA | 7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 75.33 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-1143 | EA | 7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt | 78.29 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

### 05 05 23 00-1144 1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1145 | EA | 1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt | 24.05 | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-1.93* | |
| | | *For >500, Deduct* | *-2.32* | |
| 05 05 23 00-1146 | EA | 1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 27.98 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-1147 | EA | 1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt | 30.51 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-1148 | EA | 1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 34.54 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500, Deduct* | *-2.36* | |
| 05 05 23 00-1149 | EA | 1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt | 36.15 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1150 | EA | 1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 38.89 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-1151 | EA | 1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt | 41.65 | |
| | | *For >100 To 250, Deduct* | *-1.61* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.41* | |
| 05 05 23 00-1152 | EA | 1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 44.58 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-1153 | EA | 1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt | 51.73 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-1154 | EA | 1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 58.77 | |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500, Deduct* | *-2.46* | |
| 05 05 23 00-1155 | EA | 1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt | 68.55 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-1156 | EA | 1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 76.65 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-1157 | EA | 1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt | 77.81 | |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.50* | |
| 05 05 23 00-1158 | EA | 1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 80.62 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-1159 | EA | 1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt | 81.73 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-1160 | EA | 1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 95.18 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |
| 05 05 23 00-1161 | EA | 1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt | 108.16 | |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.55* | |

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Includes Climaseal® finish, self-drill point and tapping threads.

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1164 | EA | 12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw | 3.03 | |
| | | *For >10 To 50, Deduct* | *-0.13* | |
| | | *For >50 To 100, Deduct* | *-0.27* | |
| | | *For >100, Deduct* | *-0.54* | |
| 05 05 23 00-1165 | EA | 12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw | 3.19 | |
| | | *For >10 To 50, Deduct* | *-0.13* | |
| | | *For >50 To 100, Deduct* | *-0.27* | |
| | | *For >100, Deduct* | *-0.55* | |
| 05 05 23 00-1166 | EA | 12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw | 3.59 | |
| | | *For >10 To 50, Deduct* | *-0.14* | |
| | | *For >50 To 100, Deduct* | *-0.30* | |
| | | *For >100, Deduct* | *-0.59* | |
| 05 05 23 00-1167 | EA | 1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw | 5.05 | |
| | | *For >10 To 50, Deduct* | *-0.17* | |
| | | *For >50 To 100, Deduct* | *-0.38* | |
| | | *For >100, Deduct* | *-0.77* | |
| 05 05 23 00-1168 | EA | 1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw | 5.42 | |
| | | *For >10 To 50, Deduct* | *-0.18* | |
| | | *For >50 To 100, Deduct* | *-0.41* | |
| | | *For >100, Deduct* | *-0.81* | |
| 05 05 23 00-1169 | EA | 1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw | 6.90 | |
| | | *For >10 To 50, Deduct* | *-0.19* | |
| | | *For >50 To 100, Deduct* | *-0.46* | |
| | | *For >100, Deduct* | *-0.91* | |
| 05 05 23 00-1170 | EA | 1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw | 7.79 | |
| | | *For >10 To 50, Deduct* | *-0.20* | |
| | | *For >50 To 100, Deduct* | *-0.49* | |
| | | *For >100, Deduct* | *-0.98* | |

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*

Note: Includes "security" style drive in machine or sheet metal screw threads.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1173 | EA | #4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws | 2.33 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100, Deduct* | *-0.45* | |
| 05 05 23 00-1174 | EA | #6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw | 2.71 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.23* | |
| | | *For >100, Deduct* | *-0.46* | |
| 05 05 23 00-1175 | EA | #6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw | 3.04 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100, Deduct* | *-0.48* | |
| 05 05 23 00-1176 | EA | #6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw | 3.15 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100, Deduct* | *-0.49* | |
| 05 05 23 00-1177 | EA | #6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw | 3.36 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100, Deduct* | *-0.50* | |
| 05 05 23 00-1178 | EA | #8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw | 2.80 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.23* | |
| | | *For >100, Deduct* | *-0.47* | |
| 05 05 23 00-1179 | EA | #8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw | 2.95 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100, Deduct* | *-0.48* | |
| 05 05 23 00-1180 | EA | #8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw | 3.28 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100, Deduct* | *-0.49* | |
| 05 05 23 00-1181 | EA | #8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw | 3.38 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100, Deduct* | *-0.50* | |
| 05 05 23 00-1182 | EA | #10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw | 2.90 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100, Deduct* | *-0.47* | |
| 05 05 23 00-1183 | EA | #10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw | 2.94 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100, Deduct* | *-0.48* | |
| 05 05 23 00-1184 | EA | #10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw | 3.08 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100, Deduct* | *-0.48* | |
| 05 05 23 00-1185 | EA | #10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw | 3.52 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100, Deduct* | *-0.50* | |
| 05 05 23 00-1186 | EA | 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw | 3.15 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100, Deduct* | *-0.49* | |
| 05 05 23 00-1187 | EA | 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw | 3.25 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100, Deduct* | *-0.49* | |
| 05 05 23 00-1188 | EA | 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw | 3.67 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.26* | |
| | | *For >100, Deduct* | *-0.51* | |
| 05 05 23 00-1189 | EA | 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw | 4.34 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.27* | |
| | | *For >100, Deduct* | *-0.55* | |

## 05 05 23 00-1190 Threaded Rod *(05 05 23)*

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

## 05 05 23 00-1191 Plain Finish Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1192 | LF | 1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 1.95 | 0.48 |
| | | *For Left Hand Threaded Rod, Add* | *0.10* | |
| 05 05 23 00-1193 | LF | 5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 2.56 | 0.52 |
| | | *For Left Hand Threaded Rod, Add* | *0.15* | |
| 05 05 23 00-1194 | LF | 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 2.97 | 0.61 |
| | | *For Left Hand Threaded Rod, Add* | *0.18* | |
| 05 05 23 00-1195 | LF | 7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 3.99 | 0.63 |
| | | *For Left Hand Threaded Rod, Add* | *0.28* | |
| 05 05 23 00-1196 | LF | 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 4.10 | 0.65 |
| | | *For Left Hand Threaded Rod, Add* | *0.28* | |
| 05 05 23 00-1197 | LF | 9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 5.05 | 0.66 |
| | | *For Left Hand Threaded Rod, Add* | *0.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1198 | LF | 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 5.69 | 0.67 |
| | | *For Left Hand Threaded Rod, Add* | *0.44* | |
| 05 05 23 00-1199 | LF | 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 9.29 | 0.69 |
| | | *For Left Hand Threaded Rod, Add* | *0.79* | |
| 05 05 23 00-1200 | LF | 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 10.12 | 0.71 |
| | | *For Left Hand Threaded Rod, Add* | *0.87* | |
| 05 05 23 00-1201 | LF | 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 13.83 | 0.80 |
| | | *For Left Hand Threaded Rod, Add* | *1.22* | |
| 05 05 23 00-1202 | LF | 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 17.21 | 0.89 |
| | | *For Left Hand Threaded Rod, Add* | *1.54* | |
| 05 05 23 00-1203 | LF | 1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 22.81 | 0.96 |
| | | *For Left Hand Threaded Rod, Add* | *2.08* | |
| 05 05 23 00-1204 | LF | 1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 28.36 | 1.05 |
| | | *For Left Hand Threaded Rod, Add* | *2.63* | |
| 05 05 23 00-1205 | LF | 1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 33.91 | 1.09 |
| | | *For Left Hand Threaded Rod, Add* | *3.17* | |
| 05 05 23 00-1206 | LF | 1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 41.56 | 1.15 |
| | | *For Left Hand Threaded Rod, Add* | *3.93* | |
| 05 05 23 00-1207 | LF | 2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 53.06 | 1.20 |
| | | *For Left Hand Threaded Rod, Add* | *5.07* | |

### 05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1209 | LF | 1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 1.97 | 0.48 |
| | | *For Left Hand Threaded Rod, Add* | *0.10* | |
| 05 05 23 00-1210 | LF | 5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 2.89 | 0.52 |
| | | *For Left Hand Threaded Rod, Add* | *0.18* | |
| 05 05 23 00-1211 | LF | 3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 3.22 | 0.61 |
| | | *For Left Hand Threaded Rod, Add* | *0.20* | |
| 05 05 23 00-1212 | LF | 7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 4.61 | 0.63 |
| | | *For Left Hand Threaded Rod, Add* | *0.34* | |
| 05 05 23 00-1213 | LF | 1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 4.97 | 0.65 |
| | | *For Left Hand Threaded Rod, Add* | *0.37* | |
| 05 05 23 00-1214 | LF | 9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 6.48 | 0.66 |
| | | *For Left Hand Threaded Rod, Add* | *0.52* | |
| 05 05 23 00-1215 | LF | 5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 6.89 | 0.67 |
| | | *For Left Hand Threaded Rod, Add* | *0.56* | |
| 05 05 23 00-1216 | LF | 3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 10.31 | 0.69 |
| | | *For Left Hand Threaded Rod, Add* | *0.90* | |
| 05 05 23 00-1217 | LF | 7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 13.34 | 0.71 |
| | | *For Left Hand Threaded Rod, Add* | *1.19* | |
| 05 05 23 00-1218 | LF | 1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 17.89 | 0.80 |
| | | *For Left Hand Threaded Rod, Add* | *1.63* | |
| 05 05 23 00-1219 | LF | 1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 23.07 | 0.89 |
| | | *For Left Hand Threaded Rod, Add* | *2.13* | |
| 05 05 23 00-1220 | LF | 1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 27.53 | 0.96 |
| | | *For Left Hand Threaded Rod, Add* | *2.55* | |
| 05 05 23 00-1221 | LF | 1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 31.28 | 1.05 |
| | | *For Left Hand Threaded Rod, Add* | *2.92* | |
| 05 05 23 00-1222 | LF | 1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 39.37 | 1.09 |
| | | *For Left Hand Threaded Rod, Add* | *3.72* | |
| 05 05 23 00-1223 | LF | 1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 48.76 | 1.15 |
| | | *For Left Hand Threaded Rod, Add* | *4.65* | |
| 05 05 23 00-1224 | LF | 2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod | 71.10 | 1.20 |
| | | *For Left Hand Threaded Rod, Add* | *6.87* | |

### 05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1226 | LF | 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 5.26 | 0.61 |
| | | *For Left Hand Threaded Rod, Add* | *0.41* | |
| 05 05 23 00-1227 | LF | 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 7.35 | 0.65 |
| | | *For Left Hand Threaded Rod, Add* | *0.61* | |
| 05 05 23 00-1228 | LF | 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 9.90 | 0.67 |
| | | *For Left Hand Threaded Rod, Add* | *0.86* | |
| 05 05 23 00-1229 | LF | 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 13.56 | 0.69 |
| | | *For Left Hand Threaded Rod, Add* | *1.22* | |
| 05 05 23 00-1230 | LF | 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 18.76 | 0.71 |
| | | *For Left Hand Threaded Rod, Add* | *1.74* | |
| 05 05 23 00-1231 | LF | 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 24.19 | 0.80 |
| | | *For Left Hand Threaded Rod, Add* | *2.26* | |
| 05 05 23 00-1232 | LF | 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 31.81 | 0.89 |
| | | *For Left Hand Threaded Rod, Add* | *3.00* | |
| 05 05 23 00-1233 | LF | 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 41.82 | 0.96 |
| | | *For Left Hand Threaded Rod, Add* | *3.98* | |
| 05 05 23 00-1234 | LF | 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 46.72 | 1.05 |
| | | *For Left Hand Threaded Rod, Add* | *4.46* | |
| 05 05 23 00-1235 | LF | 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 55.61 | 1.09 |
| | | *For Left Hand Threaded Rod, Add* | *5.34* | |
| 05 05 23 00-1236 | LF | 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 67.54 | 1.15 |
| | | *For Left Hand Threaded Rod, Add* | *6.53* | |
| 05 05 23 00-1237 | LF | 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod | 117.80 | 1.20 |
| | | *For Left Hand Threaded Rod, Add* | *11.54* | |

### 05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1239 | LF | 1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod | 2.96 | 0.48 |
| | | *For Left Hand Threaded Rod, Add* | *0.20* | |
| 05 05 23 00-1240 | LF | 5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod | 4.48 | 0.52 |
| | | *For Left Hand Threaded Rod, Add* | *0.34* | |
| 05 05 23 00-1241 | LF | 3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod | 5.76 | 0.61 |
| | | *For Left Hand Threaded Rod, Add* | *0.46* | |
| 05 05 23 00-1242 | LF | 7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod | 8.02 | 0.63 |
| | | *For Left Hand Threaded Rod, Add* | *0.68* | |
| 05 05 23 00-1243 | LF | 1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod | 9.64 | 0.65 |
| | | *For Left Hand Threaded Rod, Add* | *0.84* | |
| 05 05 23 00-1244 | LF | 9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod | 13.87 | 0.66 |
| | | *For Left Hand Threaded Rod, Add* | *1.26* | |
| 05 05 23 00-1245 | LF | 5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod | 14.50 | 0.67 |
| | | *For Left Hand Threaded Rod, Add* | *1.32* | |
| 05 05 23 00-1246 | LF | 3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod | 20.31 | 0.69 |
| | | *For Left Hand Threaded Rod, Add* | *1.90* | |
| 05 05 23 00-1247 | LF | 7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod | 27.96 | 0.71 |
| | | *For Left Hand Threaded Rod, Add* | *2.66* | |
| 05 05 23 00-1248 | LF | 1" Diameter, 304/18-8 Stainless Steel Threaded Rod | 35.88 | 0.80 |
| | | *For Left Hand Threaded Rod, Add* | *3.43* | |
| 05 05 23 00-1249 | LF | 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod | 76.03 | 0.96 |
| | | *For Left Hand Threaded Rod, Add* | *7.40* | |
| 05 05 23 00-1250 | LF | 1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod | 115.80 | 1.09 |
| | | *For Left Hand Threaded Rod, Add* | *11.36* | |
| 05 05 23 00-1251 | LF | 1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod | 119.11 | 1.15 |
| | | *For Left Hand Threaded Rod, Add* | *11.68* | |
| 05 05 23 00-1252 | LF | 2" Diameter, 304/18-8 Stainless Steel Threaded Rod | 164.84 | 1.20 |
| | | *For Left Hand Threaded Rod, Add* | *16.24* | |

### 05 05 23 00-1253 316 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1254 | LF | 1/4" Diameter, 316 Stainless Steel Threaded Rod | 4.30 | 0.48 |
| | | *For Left Hand Threaded Rod, Add* | *0.33* | |
| 05 05 23 00-1255 | LF | 5/16" Diameter, 316 Stainless Steel Threaded Rod | 6.96 | 0.52 |
| | | *For Left Hand Threaded Rod, Add* | *0.59* | |
| 05 05 23 00-1256 | LF | 3/8" Diameter, 316 Stainless Steel Threaded Rod | 9.25 | 0.61 |
| | | *For Left Hand Threaded Rod, Add* | *0.81* | |
| 05 05 23 00-1257 | LF | 7/16" Diameter, 316 Stainless Steel Threaded Rod | 14.47 | 0.63 |
| | | *For Left Hand Threaded Rod, Add* | *1.32* | |
| 05 05 23 00-1258 | LF | 1/2" Diameter, 316 Stainless Steel Threaded Rod | 15.35 | 0.65 |
| | | *For Left Hand Threaded Rod, Add* | *1.41* | |
| 05 05 23 00-1259 | LF | 9/16" Diameter, 316 Stainless Steel Threaded Rod | 20.16 | 0.66 |
| | | *For Left Hand Threaded Rod, Add* | *1.89* | |
| 05 05 23 00-1260 | LF | 5/8" Diameter, 316 Stainless Steel Threaded Rod | 21.70 | 0.67 |
| | | *For Left Hand Threaded Rod, Add* | *2.04* | |
| 05 05 23 00-1261 | LF | 3/4" Diameter, 316 Stainless Steel Threaded Rod | 31.66 | 0.69 |
| | | *For Left Hand Threaded Rod, Add* | *3.03* | |
| 05 05 23 00-1262 | LF | 7/8" Diameter, 316 Stainless Steel Threaded Rod | 43.37 | 0.71 |
| | | *For Left Hand Threaded Rod, Add* | *4.20* | |
| 05 05 23 00-1263 | LF | 1" Diameter, 316 Stainless Steel Threaded Rod | 54.89 | 0.80 |
| | | *For Left Hand Threaded Rod, Add* | *5.33* | |
| 05 05 23 00-1264 | LF | 1-1/4" Diameter, 316 Stainless Steel Threaded Rod | 115.95 | 0.96 |
| | | *For Left Hand Threaded Rod, Add* | *11.39* | |
| 05 05 23 00-1265 | LF | 1-1/2" Diameter, 316 Stainless Steel Threaded Rod | 152.01 | 1.09 |
| | | *For Left Hand Threaded Rod, Add* | *14.98* | |

### 05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1190)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1267 | LF | 1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 3.36 | 0.48 |
| | | *For Zinc Plating, Add* | *1.20* | |
| 05 05 23 00-1268 | LF | 5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 5.17 | 0.52 |
| | | *For Zinc Plating, Add* | *2.06* | |
| 05 05 23 00-1269 | LF | 3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 5.40 | 0.61 |
| | | *For Zinc Plating, Add* | *2.10* | |
| 05 05 23 00-1270 | LF | 7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 5.90 | 0.63 |
| | | *For Zinc Plating, Add* | *2.33* | |
| 05 05 23 00-1271 | LF | 1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 6.50 | 0.65 |
| | | *For Zinc Plating, Add* | *2.61* | |
| 05 05 23 00-1272 | LF | 9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 8.11 | 0.66 |
| | | *For Zinc Plating, Add* | *3.41* | |
| 05 05 23 00-1273 | LF | 5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 8.38 | 0.67 |
| | | *For Zinc Plating, Add* | *3.53* | |
| 05 05 23 00-1274 | LF | 3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 11.10 | 0.69 |
| | | *For Zinc Plating, Add* | *4.87* | |
| 05 05 23 00-1275 | LF | 7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 13.30 | 0.71 |
| | | *For Zinc Plating, Add* | *5.95* | |
| 05 05 23 00-1276 | LF | 1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 17.26 | 0.80 |
| | | *For Zinc Plating, Add* | *7.83* | |
| 05 05 23 00-1277 | LF | 1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 22.45 | 0.89 |
| | | *For Zinc Plating, Add* | *10.34* | |
| 05 05 23 00-1278 | LF | 1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 24.99 | 0.96 |
| | | *For Zinc Plating, Add* | *11.49* | |
| 05 05 23 00-1279 | LF | 1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 28.83 | 1.05 |
| | | *For Zinc Plating, Add* | *13.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1280 | LF | 1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 35.06 | 1.09 |
| | | *For Zinc Plating, Add* | *16.44* | |
| 05 05 23 00-1281 | LF | 1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 36.24 | 1.15 |
| | | *For Zinc Plating, Add* | *16.98* | |
| 05 05 23 00-1282 | LF | 2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod | 48.63 | 1.20 |
| | | *For Zinc Plating, Add* | *23.12* | |

### 05 05 23 00-1283 Nuts And Washers *(05 05 23)*

### 05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

### 05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1286 | EA | 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.48 | 0.21 |
| 05 05 23 00-1287 | EA | 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.53 | 0.21 |
| 05 05 23 00-1288 | EA | 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.57 | 0.21 |
| 05 05 23 00-1289 | EA | 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.67 | 0.21 |
| 05 05 23 00-1290 | EA | 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.73 | 0.21 |
| 05 05 23 00-1291 | EA | 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.98 | 0.21 |
| 05 05 23 00-1292 | EA | 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.01 | 0.21 |
| 05 05 23 00-1293 | EA | 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.19 | 0.43 |
| 05 05 23 00-1294 | EA | 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.77 | 0.43 |
| 05 05 23 00-1295 | EA | 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 2.25 | 0.43 |
| 05 05 23 00-1296 | EA | 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 3.69 | 0.43 |
| 05 05 23 00-1297 | EA | 1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 4.52 | 0.43 |
| 05 05 23 00-1298 | EA | 1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 6.68 | 0.43 |
| 05 05 23 00-1299 | EA | 1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 7.73 | 0.65 |
| 05 05 23 00-1300 | EA | 1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 11.37 | 0.65 |
| 05 05 23 00-1301 | EA | 2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 16.45 | 0.65 |

### 05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts *(05 05 23 00-1284)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1303 | EA | 1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 0.50 | 0.21 |
| 05 05 23 00-1304 | EA | 5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 0.54 | 0.21 |
| 05 05 23 00-1305 | EA | 3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 0.59 | 0.21 |
| 05 05 23 00-1306 | EA | 7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 0.70 | 0.21 |
| 05 05 23 00-1307 | EA | 1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 0.82 | 0.21 |
| 05 05 23 00-1308 | EA | 9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 1.00 | 0.21 |
| 05 05 23 00-1309 | EA | 5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 1.03 | 0.21 |
| 05 05 23 00-1310 | EA | 3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 1.35 | 0.43 |
| 05 05 23 00-1311 | EA | 7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 1.93 | 0.43 |
| 05 05 23 00-1312 | EA | 1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 2.73 | 0.43 |
| 05 05 23 00-1313 | EA | 1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 4.18 | 0.43 |
| 05 05 23 00-1314 | EA | 1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 5.92 | 0.43 |
| 05 05 23 00-1315 | EA | 1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 8.71 | 0.43 |
| 05 05 23 00-1316 | EA | 1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 9.62 | 0.65 |
| 05 05 23 00-1317 | EA | 1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 17.39 | 0.65 |
| 05 05 23 00-1318 | EA | 2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut | 24.96 | 0.65 |

### 05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts *(05 05 23 00-1284)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1320 | EA | 1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 0.51 | 0.21 |
| 05 05 23 00-1321 | EA | 5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 0.58 | 0.21 |
| 05 05 23 00-1322 | EA | 3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 0.63 | 0.21 |
| 05 05 23 00-1323 | EA | 7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 0.80 | 0.21 |
| 05 05 23 00-1324 | EA | 1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 0.96 | 0.21 |
| 05 05 23 00-1325 | EA | 9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 1.16 | 0.21 |
| 05 05 23 00-1326 | EA | 5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 1.32 | 0.21 |
| 05 05 23 00-1327 | EA | 3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 1.65 | 0.43 |
| 05 05 23 00-1328 | EA | 7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 2.50 | 0.43 |
| 05 05 23 00-1329 | EA | 1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 3.33 | 0.43 |
| 05 05 23 00-1330 | EA | 1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 5.22 | 0.43 |
| 05 05 23 00-1331 | EA | 1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 6.52 | 0.43 |
| 05 05 23 00-1332 | EA | 1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 10.77 | 0.43 |
| 05 05 23 00-1333 | EA | 1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 11.43 | 0.65 |
| 05 05 23 00-1334 | EA | 1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 17.44 | 0.65 |
| 05 05 23 00-1335 | EA | 2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut | 24.68 | 0.65 |

### 05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

| | | | | |
|---|---|---|---|---|
| 05 05 23 00-1337 | EA | 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 0.51 | 0.21 |
| 05 05 23 00-1338 | EA | 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 0.56 | 0.21 |
| 05 05 23 00-1339 | EA | 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 0.61 | 0.21 |
| 05 05 23 00-1340 | EA | 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 0.78 | 0.21 |
| 05 05 23 00-1341 | EA | 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 0.90 | 0.21 |
| 05 05 23 00-1342 | EA | 9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 1.01 | 0.21 |
| 05 05 23 00-1343 | EA | 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 1.12 | 0.21 |
| 05 05 23 00-1344 | EA | 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 1.50 | 0.43 |
| 05 05 23 00-1345 | EA | 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 2.20 | 0.43 |
| 05 05 23 00-1346 | EA | 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 3.04 | 0.43 |
| 05 05 23 00-1347 | EA | 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 5.05 | 0.43 |
| 05 05 23 00-1348 | EA | 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 6.48 | 0.43 |
| 05 05 23 00-1349 | EA | 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 9.64 | 0.43 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1350 | EA | 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 11.25 | 0.65 |
| 05 05 23 00-1351 | EA | 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 19.65 | 0.65 |
| 05 05 23 00-1352 | EA | 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut | 34.03 | 0.65 |
| **05 05 23 00-1353** | | **304 Stainless Steel Hex Nuts** *(05 05 23 00-1284)* | | |
| 05 05 23 00-1354 | EA | 1/4" Diameter, 304 Stainless Steel Hex Nut | 0.59 | 0.21 |
| 05 05 23 00-1355 | EA | 5/16" Diameter, 304 Stainless Steel Hex Nut | 0.70 | 0.21 |
| 05 05 23 00-1356 | EA | 3/8" Diameter, 304 Stainless Steel Hex Nut | 0.79 | 0.21 |
| 05 05 23 00-1357 | EA | 7/16" Diameter, 304 Stainless Steel Hex Nut | 1.24 | 0.21 |
| 05 05 23 00-1358 | EA | 1/2" Diameter, 304 Stainless Steel Hex Nut | 1.34 | 0.21 |
| 05 05 23 00-1359 | EA | 9/16" Diameter, 304 Stainless Steel Hex Nut | 2.10 | 0.21 |
| 05 05 23 00-1360 | EA | 5/8" Diameter, 304 Stainless Steel Hex Nut | 2.35 | 0.21 |
| 05 05 23 00-1361 | EA | 3/4" Diameter, 304 Stainless Steel Hex Nut | 2.71 | 0.43 |
| 05 05 23 00-1362 | EA | 7/8" Diameter, 304 Stainless Steel Hex Nut | 4.53 | 0.43 |
| 05 05 23 00-1363 | EA | 1" Diameter, 304 Stainless Steel Hex Nut | 6.98 | 0.43 |
| 05 05 23 00-1364 | EA | 1-1/4" Diameter, 304 Stainless Steel Hex Nut | 16.94 | 0.43 |
| 05 05 23 00-1365 | EA | 1-1/2" Diameter, 304 Stainless Steel Hex Nut | 32.70 | 0.65 |
| 05 05 23 00-1366 | EA | 1-3/4" Diameter, 304 Stainless Steel Hex Nut | 57.64 | 0.65 |
| 05 05 23 00-1367 | EA | 2" Diameter, 304 Stainless Steel Hex Nut | 82.24 | 0.65 |
| **05 05 23 00-1368** | | **316 Stainless Steel Hex Nuts** *(05 05 23 00-1284)* | | |
| 05 05 23 00-1369 | EA | 1/4" Diameter, 316 Stainless Steel Hex Nut | 0.70 | 0.21 |
| 05 05 23 00-1370 | EA | 5/16" Diameter, 316 Stainless Steel Hex Nut | 0.80 | 0.21 |
| 05 05 23 00-1371 | EA | 3/8" Diameter, 316 Stainless Steel Hex Nut | 0.97 | 0.21 |
| 05 05 23 00-1372 | EA | 7/16" Diameter, 316 Stainless Steel Hex Nut | 1.66 | 0.21 |
| 05 05 23 00-1373 | EA | 1/2" Diameter, 316 Stainless Steel Hex Nut | 1.78 | 0.21 |
| 05 05 23 00-1374 | EA | 9/16" Diameter, 316 Stainless Steel Hex Nut | 2.47 | 0.21 |
| 05 05 23 00-1375 | EA | 5/8" Diameter, 316 Stainless Steel Hex Nut | 2.80 | 0.21 |
| 05 05 23 00-1376 | EA | 3/4" Diameter, 316 Stainless Steel Hex Nut | 3.94 | 0.43 |
| 05 05 23 00-1377 | EA | 7/8" Diameter, 316 Stainless Steel Hex Nut | 5.53 | 0.43 |
| 05 05 23 00-1378 | EA | 1" Diameter, 316 Stainless Steel Hex Nut | 8.58 | 0.43 |
| 05 05 23 00-1379 | EA | 1-1/4" Diameter, 316 Stainless Steel Hex Nut | 26.37 | 0.43 |
| 05 05 23 00-1380 | EA | 1-1/2" Diameter, 316 Stainless Steel Hex Nut | 42.76 | 0.65 |
| 05 05 23 00-1381 | EA | 1-3/4" Diameter, 316 Stainless Steel Hex Nut | 72.29 | 0.65 |
| 05 05 23 00-1382 | EA | 2" Diameter, 316 Stainless Steel Hex Nut | 134.58 | 0.65 |
| **05 05 23 00-1383** | | **Flat Washers** *(05 05 23 00-1283)* | | |
| **05 05 23 00-1384** | | **Zinc Plated Steel, Low Carbon Flat Washers** *(05 05 23 00-1383)* | | |
| 05 05 23 00-1385 | EA | 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.04 | |
| 05 05 23 00-1386 | EA | 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.06 | |
| 05 05 23 00-1387 | EA | 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.11 | |
| 05 05 23 00-1388 | EA | 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.16 | |
| 05 05 23 00-1389 | EA | 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.23 | |
| 05 05 23 00-1390 | EA | 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.26 | |
| 05 05 23 00-1391 | EA | 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.44 | |
| 05 05 23 00-1392 | EA | 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.64 | |
| 05 05 23 00-1393 | EA | 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.76 | |
| 05 05 23 00-1394 | EA | 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.94 | |
| 05 05 23 00-1395 | EA | 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.06 | |
| 05 05 23 00-1396 | EA | 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.26 | |
| 05 05 23 00-1397 | EA | 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.98 | |
| 05 05 23 00-1398 | EA | 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 2.03 | |
| 05 05 23 00-1399 | EA | 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 3.01 | |
| 05 05 23 00-1400 | EA | 2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 3.74 | |
| **05 05 23 00-1401** | | **Zinc Plated Steel, Hardened Flat Washers** *(05 05 23 00-1383)* | | |
| 05 05 23 00-1402 | EA | 1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 0.14 | |
| 05 05 23 00-1403 | EA | 5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 0.19 | |
| 05 05 23 00-1404 | EA | 3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 0.22 | |
| 05 05 23 00-1405 | EA | 7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 0.29 | |
| 05 05 23 00-1406 | EA | 1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 0.40 | |
| 05 05 23 00-1407 | EA | 9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 0.64 | |
| 05 05 23 00-1408 | EA | 5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 0.92 | |
| 05 05 23 00-1409 | EA | 3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 1.29 | |
| 05 05 23 00-1410 | EA | 7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 2.16 | |
| 05 05 23 00-1411 | EA | 1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 2.39 | |
| 05 05 23 00-1412 | EA | 1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 3.48 | |
| 05 05 23 00-1413 | EA | 1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 3.80 | |
| 05 05 23 00-1414 | EA | 1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 5.01 | |
| 05 05 23 00-1415 | EA | 1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 5.73 | |
| 05 05 23 00-1416 | EA | 1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 7.70 | |
| 05 05 23 00-1417 | EA | 2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer | 9.24 | |
| **05 05 23 00-1418** | | **Hot Dipped Galvanized Steel Flat Washers** *(05 05 23 00-1383)* | | |
| 05 05 23 00-1419 | EA | 1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 0.09 | |
| 05 05 23 00-1420 | EA | 5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 0.13 | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1421 | EA | 3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 0.14 | |
| 05 05 23 00-1422 | EA | 7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 0.27 | |
| 05 05 23 00-1423 | EA | 1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 0.34 | |
| 05 05 23 00-1424 | EA | 9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 0.56 | |
| 05 05 23 00-1425 | EA | 5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 0.63 | |
| 05 05 23 00-1426 | EA | 3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 0.96 | |
| 05 05 23 00-1427 | EA | 7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 1.34 | |
| 05 05 23 00-1428 | EA | 1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 1.48 | |
| 05 05 23 00-1429 | EA | 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 2.26 | |
| 05 05 23 00-1430 | EA | 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 2.51 | |
| 05 05 23 00-1431 | EA | 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 3.59 | |
| 05 05 23 00-1432 | EA | 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 3.89 | |
| 05 05 23 00-1433 | EA | 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer | 5.65 | |
| 05 05 23 00-1434 | | 304/18-8 Stainless Steel Flat Washers *(05 05 23 00-1383)* | | |
| 05 05 23 00-1435 | EA | 1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 0.12 | |
| 05 05 23 00-1436 | EA | 5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 0.17 | |
| 05 05 23 00-1437 | EA | 3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 0.24 | |
| 05 05 23 00-1438 | EA | 7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 0.44 | |
| 05 05 23 00-1439 | EA | 1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 0.79 | |
| 05 05 23 00-1440 | EA | 9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 0.99 | |
| 05 05 23 00-1441 | EA | 5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 1.46 | |
| 05 05 23 00-1442 | EA | 3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 1.48 | |
| 05 05 23 00-1443 | EA | 7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 3.12 | |
| 05 05 23 00-1444 | EA | 1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 3.96 | |
| 05 05 23 00-1445 | EA | 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 4.61 | |
| 05 05 23 00-1446 | EA | 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 4.96 | |
| 05 05 23 00-1447 | EA | 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 5.24 | |
| 05 05 23 00-1448 | EA | 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 6.39 | |
| 05 05 23 00-1449 | EA | 1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 7.94 | |
| 05 05 23 00-1450 | EA | 2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer | 15.60 | |
| 05 05 23 00-1451 | | 316 Stainless Steel Flat Washers *(05 05 23 00-1383)* | | |
| 05 05 23 00-1452 | EA | 1/4" Inside Diameter, 316 Stainless Steel Flat Washer | 0.24 | |
| 05 05 23 00-1453 | EA | 5/16" Inside Diameter, 316 Stainless Steel Flat Washer | 0.26 | |
| 05 05 23 00-1454 | EA | 3/8" Inside Diameter, 316 Stainless Steel Flat Washer | 0.47 | |
| 05 05 23 00-1455 | EA | 7/16" Inside Diameter, 316 Stainless Steel Flat Washer | 0.56 | |
| 05 05 23 00-1456 | EA | 1/2" Inside Diameter, 316 Stainless Steel Flat Washer | 1.03 | |
| 05 05 23 00-1457 | EA | 9/16" Inside Diameter, 316 Stainless Steel Flat Washer | 1.85 | |
| 05 05 23 00-1458 | EA | 5/8" Inside Diameter, 316 Stainless Steel Flat Washer | 2.18 | |
| 05 05 23 00-1459 | EA | 3/4" Inside Diameter, 316 Stainless Steel Flat Washer | 2.75 | |
| 05 05 23 00-1460 | EA | 7/8" Inside Diameter, 316 Stainless Steel Flat Washer | 4.26 | |
| 05 05 23 00-1461 | EA | 1" Inside Diameter, 316 Stainless Steel Flat Washer | 4.76 | |
| 05 05 23 00-1462 | EA | 1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer | 5.43 | |
| 05 05 23 00-1463 | EA | 1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer | 6.68 | |
| 05 05 23 00-1464 | EA | 1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer | 7.07 | |
| 05 05 23 00-1465 | EA | 1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer | 7.23 | |
| 05 05 23 00-1466 | EA | 1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer | 10.59 | |
| 05 05 23 00-1467 | | Lock Washers *(05 05 23 00-1283)* | | |
| 05 05 23 00-1468 | | Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)* | | |
| 05 05 23 00-1469 | EA | 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.02 | |
| 05 05 23 00-1470 | EA | 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.03 | |
| 05 05 23 00-1471 | EA | 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.04 | |
| 05 05 23 00-1472 | EA | 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.06 | |
| 05 05 23 00-1473 | EA | 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.09 | |
| 05 05 23 00-1474 | EA | 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.15 | |
| 05 05 23 00-1475 | EA | 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.17 | |
| 05 05 23 00-1476 | EA | 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.26 | |
| 05 05 23 00-1477 | EA | 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.42 | |
| 05 05 23 00-1478 | EA | 1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 0.76 | |
| 05 05 23 00-1479 | EA | 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 1.12 | |
| 05 05 23 00-1480 | EA | 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 1.71 | |
| 05 05 23 00-1481 | EA | 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 2.71 | |
| 05 05 23 00-1482 | EA | 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 3.19 | |
| 05 05 23 00-1483 | EA | 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 5.70 | |
| 05 05 23 00-1484 | EA | 2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer | 6.42 | |
| 05 05 23 00-1485 | | Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)* | | |
| 05 05 23 00-1486 | EA | 1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.07 | |
| 05 05 23 00-1487 | EA | 5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.08 | |
| 05 05 23 00-1488 | EA | 3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.11 | |
| 05 05 23 00-1489 | EA | 7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.12 | |
| 05 05 23 00-1490 | EA | 1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.19 | |
| 05 05 23 00-1491 | EA | 9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.25 | |
| 05 05 23 00-1492 | EA | 5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.29 | |
| 05 05 23 00-1493 | EA | 3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.49 | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1494 | EA | 7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 0.71 | |
| 05 05 23 00-1495 | EA | 1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 1.12 | |
| 05 05 23 00-1496 | EA | 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 2.02 | |
| 05 05 23 00-1497 | EA | 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 2.41 | |
| 05 05 23 00-1498 | EA | 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 3.48 | |
| 05 05 23 00-1499 | EA | 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 3.98 | |
| 05 05 23 00-1500 | EA | 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 5.39 | |
| 05 05 23 00-1501 | EA | 2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer | 7.34 | |
| 05 05 23 00-1502 | | 304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)* | | |
| 05 05 23 00-1503 | EA | 1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 0.10 | |
| 05 05 23 00-1504 | EA | 5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 0.15 | |
| 05 05 23 00-1505 | EA | 3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 0.20 | |
| 05 05 23 00-1506 | EA | 7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 0.38 | |
| 05 05 23 00-1507 | EA | 1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 0.42 | |
| 05 05 23 00-1508 | EA | 9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 1.02 | |
| 05 05 23 00-1509 | EA | 5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 1.20 | |
| 05 05 23 00-1510 | EA | 3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 1.40 | |
| 05 05 23 00-1511 | EA | 7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 2.54 | |
| 05 05 23 00-1512 | EA | 1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 3.59 | |
| 05 05 23 00-1513 | EA | 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 6.26 | |
| 05 05 23 00-1514 | EA | 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 8.32 | |
| 05 05 23 00-1515 | EA | 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 10.59 | |
| 05 05 23 00-1516 | EA | 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer | 12.70 | |
| 05 05 23 00-1517 | | 316 Stainless Steel Lock Washers *(05 05 23 00-1467)* | | |
| 05 05 23 00-1518 | EA | 1/4" Inside Diameter, 316 Stainless Steel Lock Washer | 0.13 | |
| 05 05 23 00-1519 | EA | 5/16" Inside Diameter, 316 Stainless Steel Lock Washer | 0.28 | |
| 05 05 23 00-1520 | EA | 3/8" Inside Diameter, 316 Stainless Steel Lock Washer | 0.32 | |
| 05 05 23 00-1521 | EA | 7/16" Inside Diameter, 316 Stainless Steel Lock Washer | 0.55 | |
| 05 05 23 00-1522 | EA | 1/2" Inside Diameter, 316 Stainless Steel Lock Washer | 0.61 | |
| 05 05 23 00-1523 | EA | 9/16" Inside Diameter, 316 Stainless Steel Lock Washer | 1.09 | |
| 05 05 23 00-1524 | EA | 5/8" Inside Diameter, 316 Stainless Steel Lock Washer | 1.20 | |
| 05 05 23 00-1525 | EA | 3/4" Inside Diameter, 316 Stainless Steel Lock Washer | 2.06 | |
| 05 05 23 00-1526 | EA | 7/8" Inside Diameter, 316 Stainless Steel Lock Washer | 3.41 | |
| 05 05 23 00-1527 | EA | 1" Inside Diameter, 316 Stainless Steel Lock Washer | 4.64 | |
| 05 05 23 00-1528 | EA | 1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer | 6.48 | |
| 05 05 23 00-1529 | EA | 1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer | 9.98 | |
| 05 05 23 00-1530 | EA | 1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer | 17.86 | |
| 05 05 23 00-1531 | EA | 1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer | 19.84 | |
| 05 05 23 00-1532 | | Load Indicating Washers *(05 05 23 00-1283)* | | |
| 05 05 23 00-1533 | | A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)* | | |
| 05 05 23 00-1534 | | Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)* | | |
| 05 05 23 00-1535 | EA | 1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 1.86 | |
| 05 05 23 00-1536 | EA | 5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 2.10 | |
| 05 05 23 00-1537 | EA | 3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 2.27 | |
| 05 05 23 00-1538 | EA | 7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 2.58 | |
| 05 05 23 00-1539 | EA | 1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 3.11 | |
| 05 05 23 00-1540 | EA | 1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 5.17 | |
| 05 05 23 00-1541 | EA | 1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 6.68 | |
| 05 05 23 00-1542 | EA | 1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 8.53 | |
| 05 05 23 00-1543 | EA | 1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 9.38 | |
| 05 05 23 00-1544 | | Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)* | | |
| 05 05 23 00-1545 | EA | 1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 2.35 | |
| 05 05 23 00-1546 | EA | 5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 2.62 | |
| 05 05 23 00-1547 | EA | 3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 2.55 | |
| 05 05 23 00-1548 | EA | 7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 3.11 | |
| 05 05 23 00-1549 | EA | 1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 3.68 | |
| 05 05 23 00-1550 | EA | 1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 5.55 | |
| 05 05 23 00-1551 | EA | 1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 6.99 | |
| 05 05 23 00-1552 | EA | 1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 9.95 | |
| 05 05 23 00-1553 | EA | 1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) | 10.94 | |
| 05 05 23 00-1554 | | Beveled Washers *(05 05 23 00-1283)* | | |
| 05 05 23 00-1555 | | Plain Finish, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)* | | |
| 05 05 23 00-1556 | EA | 1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436) | 3.07 | |
| 05 05 23 00-1557 | EA | 5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436) | 3.13 | |
| 05 05 23 00-1558 | EA | 3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436) | 3.20 | |
| 05 05 23 00-1559 | EA | 7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436) | 3.89 | |
| 05 05 23 00-1560 | EA | 1", Plain Finish, Square Beveled Structural Washer (ASTM F436) | 4.10 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **05 05 23 00-1561** | | **Galvanized, Square Beveled Structural Washers (ASTM F436)** *(05 05 23 00-1554)* | | |
| 05 05 23 00-1562 | EA | 1/2", Galvanized, Square Beveled Structural Washer (ASTM F436) | 4.41 | |
| 05 05 23 00-1563 | EA | 5/8", Galvanized, Square Beveled Structural Washer (ASTM F436) | 4.61 | |
| 05 05 23 00-1564 | EA | 3/4", Galvanized, Square Beveled Structural Washer (ASTM F436) | 4.61 | |
| 05 05 23 00-1565 | EA | 7/8", Galvanized, Square Beveled Structural Washer (ASTM F436) | 4.88 | |
| 05 05 23 00-1566 | EA | 1", Galvanized, Square Beveled Structural Washer (ASTM F436) | 5.18 | |
| **05 05 23 00-1567** | | **Drilling In Steel Plates** *(05 05 23)* | | |
| 05 05 23 00-1568 | EA | Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate | 18.38 | |
| | | *For Aluminum, Deduct* | *-1.84* | |
| | | *For Stainless Steel, Add* | *2.30* | |
| | | *For >5 To 10, Deduct* | *-1.84* | |
| | | *For >10 To 25, Deduct* | *-4.60* | |
| | | *For >25 To 50, Deduct* | *-6.43* | |
| | | *For >50, Deduct* | *-9.19* | |
| 05 05 23 00-1569 | EA | >1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate | 21.62 | |
| | | *For Aluminum, Deduct* | *-2.16* | |
| | | *For Stainless Steel, Add* | *2.70* | |
| | | *For >5 To 10, Deduct* | *-2.16* | |
| | | *For >10 To 25, Deduct* | *-5.41* | |
| | | *For >25 To 50, Deduct* | *-7.57* | |
| | | *For >50, Deduct* | *-10.81* | |
| 05 05 23 00-1570 | EA | >7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate | 25.94 | |
| | | *For Aluminum, Deduct* | *-2.59* | |
| | | *For Stainless Steel, Add* | *3.24* | |
| | | *For >5 To 10, Deduct* | *-2.59* | |
| | | *For >10 To 25, Deduct* | *-6.49* | |
| | | *For >25 To 50, Deduct* | *-9.08* | |
| | | *For >50, Deduct* | *-12.97* | |
| 05 05 23 00-1571 | EA | >1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate | 30.27 | |
| | | *For Aluminum, Deduct* | *-3.03* | |
| | | *For Stainless Steel, Add* | *3.78* | |
| | | *For >5 To 10, Deduct* | *-3.03* | |
| | | *For >10 To 25, Deduct* | *-7.57* | |
| | | *For >25 To 50, Deduct* | *-10.59* | |
| | | *For >50, Deduct* | *-15.14* | |
| 05 05 23 00-1572 | EA | >4" To 10" Diameter Drill Through Up To 1/4" Steel Plate | 40.55 | |
| | | *For Aluminum, Deduct* | *-4.06* | |
| | | *For Stainless Steel, Add* | *5.07* | |
| | | *For >5 To 10, Deduct* | *-4.06* | |
| | | *For >10 To 25, Deduct* | *-10.14* | |
| | | *For >25 To 50, Deduct* | *-14.19* | |
| | | *For >50, Deduct* | *-20.28* | |
| 05 05 23 00-1573 | EA | Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate | 21.62 | |
| | | *For Aluminum, Deduct* | *-2.16* | |
| | | *For Stainless Steel, Add* | *2.70* | |
| | | *For >5 To 10, Deduct* | *-2.16* | |
| | | *For >10 To 25, Deduct* | *-5.41* | |
| | | *For >25 To 50, Deduct* | *-7.57* | |
| | | *For >50, Deduct* | *-10.81* | |
| 05 05 23 00-1574 | EA | >1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate | 27.03 | |
| | | *For Aluminum, Deduct* | *-2.70* | |
| | | *For Stainless Steel, Add* | *3.38* | |
| | | *For >5 To 10, Deduct* | *-2.70* | |
| | | *For >10 To 25, Deduct* | *-6.76* | |
| | | *For >25 To 50, Deduct* | *-9.46* | |
| | | *For >50, Deduct* | *-13.52* | |
| 05 05 23 00-1575 | EA | >7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate | 32.43 | |
| | | *For Aluminum, Deduct* | *-3.24* | |
| | | *For Stainless Steel, Add* | *4.05* | |
| | | *For >5 To 10, Deduct* | *-3.24* | |
| | | *For >10 To 25, Deduct* | *-8.11* | |
| | | *For >25 To 50, Deduct* | *-11.35* | |
| | | *For >50, Deduct* | *-16.22* | |
| 05 05 23 00-1576 | EA | >1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate | 40.55 | |
| | | *For Aluminum, Deduct* | *-4.06* | |
| | | *For Stainless Steel, Add* | *5.07* | |
| | | *For >5 To 10, Deduct* | *-4.06* | |
| | | *For >10 To 25, Deduct* | *-10.14* | |
| | | *For >25 To 50, Deduct* | *-14.19* | |
| | | *For >50, Deduct* | *-20.28* | |
| 05 05 23 00-1577 | EA | Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate | 27.03 | |
| | | *For Aluminum, Deduct* | *-2.70* | |
| | | *For Stainless Steel, Add* | *3.38* | |
| | | *For >5 To 10, Deduct* | *-2.70* | |
| | | *For >10 To 25, Deduct* | *-6.76* | |
| | | *For >25 To 50, Deduct* | *-9.46* | |
| | | *For >50, Deduct* | *-13.52* | |
| 05 05 23 00-1578 | EA | >1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate | 35.67 | |
| | | *For Aluminum, Deduct* | *-3.57* | |
| | | *For Stainless Steel, Add* | *4.46* | |
| | | *For >5 To 10, Deduct* | *-3.57* | |
| | | *For >10 To 25, Deduct* | *-8.92* | |
| | | *For >25 To 50, Deduct* | *-12.48* | |
| | | *For >50, Deduct* | *-17.84* | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 05 23 00-1579 | EA | >7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate | 43.25 | |
| | | *For Aluminum, Deduct* | *-4.33* | |
| | | *For Stainless Steel, Add* | *5.41* | |
| | | *For >5 To 10, Deduct* | *-4.33* | |
| | | *For >10 To 25, Deduct* | *-10.81* | |
| | | *For >25 To 50, Deduct* | *-15.14* | |
| | | *For >50, Deduct* | *-21.63* | |

### 05 05 23 00-1580 Welded Stud Anchors *(05 05 23)*

| | | | |
|---|---|---|---|
| 05 05 23 00-1581 | EA | 1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors | 4.05 |
| 05 05 23 00-1582 | EA | 2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors | 4.14 |
| 05 05 23 00-1583 | EA | 3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors | 4.18 |
| 05 05 23 00-1584 | EA | 4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors | 4.22 |
| 05 05 23 00-1585 | EA | 1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors | 3.95 |
| 05 05 23 00-1586 | EA | 1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors | 4.17 |
| 05 05 23 00-1587 | EA | 2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors | 4.40 |
| 05 05 23 00-1588 | EA | 2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors | 4.52 |
| 05 05 23 00-1589 | EA | 3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors | 4.64 |
| 05 05 23 00-1590 | EA | 4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors | 5.12 |
| 05 05 23 00-1591 | EA | 5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors | 5.50 |
| 05 05 23 00-1592 | EA | 6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors | 5.81 |
| 05 05 23 00-1593 | EA | 1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 4.87 |
| 05 05 23 00-1594 | EA | 1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 4.90 |
| 05 05 23 00-1595 | EA | 2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 5.26 |
| 05 05 23 00-1596 | EA | 2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 5.59 |
| 05 05 23 00-1597 | EA | 3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 6.01 |
| 05 05 23 00-1598 | EA | 4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 6.65 |
| 05 05 23 00-1599 | EA | 5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 7.07 |
| 05 05 23 00-1600 | EA | 6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 8.20 |
| 05 05 23 00-1601 | EA | 8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors | 10.35 |
| 05 05 23 00-1602 | EA | 2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 7.04 |
| 05 05 23 00-1603 | EA | 3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 7.59 |
| 05 05 23 00-1604 | EA | 3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 8.03 |
| 05 05 23 00-1605 | EA | 4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 8.46 |
| 05 05 23 00-1606 | EA | 4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 8.83 |
| 05 05 23 00-1607 | EA | 5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 9.16 |
| 05 05 23 00-1608 | EA | 6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 9.60 |
| 05 05 23 00-1609 | EA | 6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 11.43 |
| 05 05 23 00-1610 | EA | 8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors | 13.96 |

### 05 05 23 00-1611 Welded Shear Stud Connector *(05 05 23)*

#### 05 05 23 00-1612 3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

| | | | |
|---|---|---|---|
| 05 05 23 00-1613 | EA | 3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector | 9.08 |
| 05 05 23 00-1614 | EA | 3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector | 9.46 |
| 05 05 23 00-1615 | EA | 3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector | 9.57 |
| 05 05 23 00-1616 | EA | 3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector | 9.62 |
| 05 05 23 00-1617 | EA | 3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector | 10.06 |
| 05 05 23 00-1618 | EA | 3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector | 10.86 |
| 05 05 23 00-1619 | EA | 3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector | 18.63 |
| 05 05 23 00-1620 | EA | 3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector | 11.79 |
| 05 05 23 00-1621 | EA | 3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector | 13.21 |
| 05 05 23 00-1622 | EA | 3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector | 17.04 |
| 05 05 23 00-1623 | EA | 3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector | 17.48 |
| 05 05 23 00-1624 | EA | 3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector | 19.03 |
| 05 05 23 00-1625 | EA | 3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector | 25.53 |

#### 05 05 23 00-1626 7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

| | | | |
|---|---|---|---|
| 05 05 23 00-1627 | EA | 7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector | 11.01 |
| 05 05 23 00-1628 | EA | 7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector | 11.63 |
| 05 05 23 00-1629 | EA | 7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector | 12.25 |
| 05 05 23 00-1630 | EA | 7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector | 14.03 |
| 05 05 23 00-1631 | EA | 7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector | 17.99 |
| 05 05 23 00-1632 | EA | 7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector | 19.88 |
| 05 05 23 00-1633 | EA | 7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector | 21.74 |
| 05 05 23 00-1634 | EA | 7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector | 26.95 |

#### 05 05 23 00-1635 1" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

| | | | |
|---|---|---|---|
| 05 05 23 00-1636 | EA | 1" Diameter x 3-1/4" Long, Welded Shear Stud Connector | 15.07 |
| 05 05 23 00-1637 | EA | 1" Diameter x 4-1/4" Long, Welded Shear Stud Connector | 16.98 |
| 05 05 23 00-1638 | EA | 1" Diameter x 5-1/4" Long, Welded Shear Stud Connector | 19.79 |
| 05 05 23 00-1639 | EA | 1" Diameter x 6-1/4" Long, Welded Shear Stud Connector | 25.04 |
| 05 05 23 00-1640 | EA | 1" Diameter x 7-1/4" Long, Welded Shear Stud Connector | 27.99 |
| 05 05 23 00-1641 | EA | 1" Diameter x 8-1/4" Long, Welded Shear Stud Connector | 30.93 |

## 05 10 Structural Metal Framing *(05)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 05 12 Structural Steel Framing *(05 10)*

### 05 12 23 Structural Steel for Buildings *(05 12)*

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.

#### 05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.

#### 05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0003 | TON | Up To 30 LB/LF Beams, Girders And Columns | 8,955.10 | 1,149.55 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *526.15* | |
| | | *For Hot Dip Galvanizing, Add* | *1,841.54* | |
| | | *For >10 To 25 Tons, Deduct* | *-559.04* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,150.96* | |
| | | *For >50 Tons, Deduct* | *-1,644.23* | |
| 05 12 23 00-0004 | TON | >30-65 LB/LF Beams, Girders And Columns | 6,190.46 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *431.82* | |
| | | *For Hot Dip Galvanizing, Add* | *1,511.37* | |
| | | *For >10 To 25 Tons, Deduct* | *-458.81* | |
| | | *For >25 To 50 Tons, Deduct* | *-944.60* | |
| | | *For >50 Tons, Deduct* | *-1,349.44* | |
| 05 12 23 00-0005 | TON | >65-100 LB/LF Beams, Girders And Columns | 5,237.93 | 418.04 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *383.36* | |
| | | *For Hot Dip Galvanizing, Add* | *1,341.77* | |
| | | *For >10 To 25 Tons, Deduct* | *-407.32* | |
| | | *For >25 To 50 Tons, Deduct* | *-838.60* | |
| | | *For >50 Tons, Deduct* | *-1,198.01* | |
| 05 12 23 00-0006 | TON | >100-300 LB/LF Beams, Girders And Columns | 3,513.73 | 222.51 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *262.07* | |
| | | *For Hot Dip Galvanizing, Add* | *917.25* | |
| | | *For >10 To 25 Tons, Deduct* | *-278.45* | |
| | | *For >25 To 50 Tons, Deduct* | *-573.28* | |
| | | *For >50 Tons, Deduct* | *-818.98* | |

#### 05 12 23 00-0007 Trusses, Built-Up *(05 12 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0008 | TON | Built-Up Trusses, Rolled Structural Steel Members | 6,568.11 | 781.78 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *458.77* | |
| | | *For Hot Dip Galvanizing, Add* | *1,605.70* | |
| | | *For >10 To 25 Tons, Deduct* | *-487.44* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,003.56* | |
| | | *For >50 Tons, Deduct* | *-1,433.66* | |

#### 05 12 23 00-0009 Shapes *(05 12 23 00-0001)*

#### 05 12 23 00-0010 Rolled Shape Steel Angles *(05 12 23 00-0009)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0011 | TON | Up To 10 LB/LF Rolled Shape Steel Angles | 13,059.69 | 2,137.01 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *759.84* | |
| | | *For Hot Dip Galvanizing, Add* | *2,659.44* | |
| | | *For >10 To 25 Tons, Deduct* | *-807.33* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,662.15* | |
| | | *For >50 Tons, Deduct* | *-2,374.50* | |
| 05 12 23 00-0012 | TON | >10 To 20 LB/LF Rolled Shape Steel Angles | 11,464.00 | 1,254.12 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *726.87* | |
| | | *For Hot Dip Galvanizing, Add* | *2,544.03* | |
| | | *For >10 To 25 Tons, Deduct* | *-772.29* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,590.02* | |
| | | *For >50 Tons, Deduct* | *-2,271.46* | |
| 05 12 23 00-0013 | TON | >20 To 58 LB/LF Rolled Shape Steel Angles | 8,785.25 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *639.41* | |
| | | *For Hot Dip Galvanizing, Add* | *2,237.94* | |
| | | *For >10 To 25 Tons, Deduct* | *-679.38* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,398.71* | |
| | | *For >50 Tons, Deduct* | *-1,998.16* | |

#### 05 12 23 00-0014 Rolled C, MC Steel Channels *(05 12 23 00-0009)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0015 | TON | Up To 10 LB/LF Rolled C, MC Steel Channels | 14,254.72 | 2,926.28 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *748.37* | |
| | | *For Hot Dip Galvanizing, Add* | *2,619.30* | |
| | | *For >10 To 25 Tons, Deduct* | *-795.14* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,637.06* | |
| | | *For >50 Tons, Deduct* | *-2,338.66* | |
| 05 12 23 00-0016 | TON | >10 To 20 Rolled C, MC Steel Channels | 11,338.55 | 2,229.54 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *716.83* | |
| | | *For Hot Dip Galvanizing, Add* | *2,508.90* | |
| | | *For >10 To 25 Tons, Deduct* | *-761.63* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,568.06* | |
| | | *For >50 Tons, Deduct* | *-2,240.09* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0017 | TON | >20 To 58 LB/LF Rolled C, MC Steel Channels | 8,641.88 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *627.94* | |
| | | *For Hot Dip Galvanizing, Add* | *2,197.80* | |
| | | *For >10 To 25 Tons, Deduct* | *-667.19* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,373.62* | |
| | | *For >50 Tons, Deduct* | *-1,962.32* | |

## 05 12 23 00-0018 Double L Shape Steel Angles *(05 12 23 00-0009)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0019 | TON | Up To 20 LB/LF Double L Shape Steel Angles | 12,107.66 | 1,695.56 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *731.17* | |
| | | *For Hot Dip Galvanizing, Add* | *2,559.08* | |
| | | *For >10 To 25 Tons, Deduct* | *-776.86* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,599.43* | |
| | | *For >50 Tons, Deduct* | *-2,284.90* | |
| 05 12 23 00-0020 | TON | >20 To 50 LB/LF Double L Shape Steel Angles | 9,394.56 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *688.16* | |
| | | *For Hot Dip Galvanizing, Add* | *2,408.55* | |
| | | *For >10 To 25 Tons, Deduct* | *-731.17* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,505.34* | |
| | | *For >50 Tons, Deduct* | *-2,150.49* | |
| 05 12 23 00-0021 | TON | >50 To 80 LB/LF Double L Shape Steel Angles | 7,076.58 | 418.04 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *530.45* | |
| | | *For Hot Dip Galvanizing, Add* | *1,856.59* | |
| | | *For >10 To 25 Tons, Deduct* | *-563.61* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,160.37* | |
| | | *For >50 Tons, Deduct* | *-1,657.67* | |
| 05 12 23 00-0022 | TON | >80 To 115 LB/LF Double L Shape Steel Angles | 4,538.43 | 222.85 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *344.08* | |
| | | *For Hot Dip Galvanizing, Add* | *1,204.27* | |
| | | *For >10 To 25 Tons, Deduct* | *-365.58* | |
| | | *For >25 To 50 Tons, Deduct* | *-752.67* | |
| | | *For >50 Tons, Deduct* | *-1,075.25* | |

## 05 12 23 00-0023 Structural WT, MT, ST Tee Shapes *(05 12 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0024 | TON | Up To 30 LB/LF Structural WT, MT, ST Tee Shapes | 10,980.14 | 1,254.12 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *688.16* | |
| | | *For Hot Dip Galvanizing, Add* | *2,408.55* | |
| | | *For >10 To 25 Tons, Deduct* | *-731.17* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,505.34* | |
| | | *For >50 Tons, Deduct* | *-2,150.49* | |
| 05 12 23 00-0025 | TON | >30 To 65 LB/LF Structural WT, MT, ST Tee Shapes | 7,369.63 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *526.15* | |
| | | *For Hot Dip Galvanizing, Add* | *1,841.53* | |
| | | *For >10 To 25 Tons, Deduct* | *-559.04* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,150.96* | |
| | | *For >50 Tons, Deduct* | *-1,644.23* | |
| 05 12 23 00-0026 | TON | >65 To 100 LB/LF Structural WT, MT, ST Tee Shapes | 5,822.13 | 418.04 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *430.10* | |
| | | *For Hot Dip Galvanizing, Add* | *1,505.34* | |
| | | *For >10 To 25 Tons, Deduct* | *-456.98* | |
| | | *For >25 To 50 Tons, Deduct* | *-940.84* | |
| | | *For >50 Tons, Deduct* | *-1,344.06* | |
| 05 12 23 00-0027 | TON | >100 To 365 LB/LF Structural WT, MT, ST Tee Shapes | 4,287.91 | 222.51 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *324.01* | |
| | | *For Hot Dip Galvanizing, Add* | *1,134.03* | |
| | | *For >10 To 25 Tons, Deduct* | *-344.26* | |
| | | *For >25 To 50 Tons, Deduct* | *-708.77* | |
| | | *For >50 Tons, Deduct* | *-1,012.52* | |

## 05 12 23 00-0028 Combination Section Shapes *(05 12 23 00-0001)*

## 05 12 23 00-0029 Combination Section, W Shapes And Angles *(05 12 23 00-0028)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0030 | TON | Up To 30 LB/LF Combination Section - W Shapes And Angles | 10,424.59 | 1,254.12 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *643.71* | |
| | | *For Hot Dip Galvanizing, Add* | *2,252.99* | |
| | | *For >10 To 25 Tons, Deduct* | *-683.94* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,408.12* | |
| | | *For >50 Tons, Deduct* | *-2,011.60* | |
| 05 12 23 00-0031 | TON | >30-65 LB/LF Combination Section - W Shapes And Angles | 7,423.41 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *530.46* | |
| | | *For Hot Dip Galvanizing, Add* | *1,856.59* | |
| | | *For >10 To 25 Tons, Deduct* | *-563.61* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,160.37* | |
| | | *For >50 Tons, Deduct* | *-1,657.67* | |
| 05 12 23 00-0032 | TON | >65-100 LB/LF Combination Section - W Shapes And Angles | 5,374.11 | 418.04 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *394.26* | |
| | | *For Hot Dip Galvanizing, Add* | *1,379.90* | |
| | | *For >10 To 25 Tons, Deduct* | *-418.90* | |
| | | *For >25 To 50 Tons, Deduct* | *-862.44* | |
| | | *For >50 Tons, Deduct* | *-1,232.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0033 | TON | >100-300 LB/LF Combination Section - W Shapes And Angles | 4,645.96 | 222.51 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *352.68* | |
| | | *For Hot Dip Galvanizing, Add* | *1,234.38* | |
| | | *For >10 To 25 Tons, Deduct* | *-374.72* | |
| | | *For >25 To 50 Tons, Deduct* | *-771.49* | |
| | | *For >50 Tons, Deduct* | *-1,102.13* | |
| 05 12 23 00-0034 | TON | >300-500 LB/LF Combination Section - W Shapes And Angles | 4,007.72 | 111.70 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *311.10* | |
| | | *For Hot Dip Galvanizing, Add* | *1,088.87* | |
| | | *For >10 To 25 Tons, Deduct* | *-330.55* | |
| | | *For >25 To 50 Tons, Deduct* | *-680.54* | |
| | | *For >50 Tons, Deduct* | *-972.20* | |

### 05 12 23 00-0035 Combination Section, S Shapes And Angles *(05 12 23 00-0028)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0036 | TON | >30-65 LB/LF Combination Section - S Shapes And Angles | 7,136.66 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *507.52* | |
| | | *For Hot Dip Galvanizing, Add* | *1,776.30* | |
| | | *For >10 To 25 Tons, Deduct* | *-539.23* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,110.19* | |
| | | *For >50 Tons, Deduct* | *-1,585.99* | |
| 05 12 23 00-0037 | TON | >65-100 LB/LF Combination Section - S Shapes And Angles | 5,392.03 | 418.04 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *395.69* | |
| | | *For Hot Dip Galvanizing, Add* | *1,384.91* | |
| | | *For >10 To 25 Tons, Deduct* | *-420.42* | |
| | | *For >25 To 50 Tons, Deduct* | *-865.57* | |
| | | *For >50 Tons, Deduct* | *-1,236.53* | |

### 05 12 23 00-0038 Combination Section, Channels And Angles *(05 12 23 00-0028)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0039 | TON | Up To 30 LB/LF Combination Section - Channels And Angles | 10,980.14 | 1,254.12 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *688.16* | |
| | | *For Hot Dip Galvanizing, Add* | *2,408.55* | |
| | | *For >10 To 25 Tons, Deduct* | *-731.17* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,505.34* | |
| | | *For >50 Tons, Deduct* | *-2,150.49* | |
| 05 12 23 00-0040 | TON | >30-65 LB/LF Combination Section - Channels And Angles | 7,781.81 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *559.13* | |
| | | *For Hot Dip Galvanizing, Add* | *1,956.95* | |
| | | *For >10 To 25 Tons, Deduct* | *-594.07* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,223.09* | |
| | | *For >50 Tons, Deduct* | *-1,747.27* | |
| 05 12 23 00-0041 | TON | >65-100 LB/LF Combination Section - Channels And Angles | 5,517.48 | 418.04 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *405.73* | |
| | | *For Hot Dip Galvanizing, Add* | *1,420.04* | |
| | | *For >10 To 25 Tons, Deduct* | *-431.08* | |
| | | *For >25 To 50 Tons, Deduct* | *-887.52* | |
| | | *For >50 Tons, Deduct* | *-1,267.89* | |

### 05 12 23 00-0042 Standard Weight Pipe *(05 12 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0043 | TON | 1/2" To 5" Diameter Standard Weight Pipe | 6,304.73 | 668.86 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *447.30* | |
| | | *For Hot Dip Galvanizing, Add* | *1,565.56* | |
| | | *For >10 To 25 Tons, Deduct* | *-475.26* | |
| | | *For >25 To 50 Tons, Deduct* | *-978.47* | |
| | | *For >50 Tons, Deduct* | *-1,397.82* | |
| 05 12 23 00-0044 | TON | >5" To 12" Diameter Standard Weight Pipe | 6,733.97 | 836.08 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *467.37* | |
| | | *For Hot Dip Galvanizing, Add* | *1,635.80* | |
| | | *For >10 To 25 Tons, Deduct* | *-496.58* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,022.38* | |
| | | *For >50 Tons, Deduct* | *-1,460.54* | |

### 05 12 23 00-0045 Structural Steel Shapes *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.

### 05 12 23 00-0046 Steel Rods *(05 12 23 00-0045)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0047 | TON | 1/2" To 5" Diameter Extra Strong Steel, Solid | 6,793.80 | 522.60 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *498.91* | |
| | | *For Hot Dip Galvanizing, Add* | *1,746.19* | |
| | | *For >10 To 25 Tons, Deduct* | *-530.09* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,091.37* | |
| | | *For >50 Tons, Deduct* | *-1,559.10* | |
| 05 12 23 00-0048 | TON | >5" To 12" Diameter Extra Strong Steel, Solid | 7,781.81 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *559.13* | |
| | | *For Hot Dip Galvanizing, Add* | *1,956.95* | |
| | | *For >10 To 25 Tons, Deduct* | *-594.07* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,223.09* | |
| | | *For >50 Tons, Deduct* | *-1,747.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **05 12 23 00-0049** | | **Column Base Plates** *(05 12 23 00-0045)* | | |
| 05 12 23 00-0050 | LB | Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items | 3.41 | 0.68 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *0.22* | |
| | | *For Hot Dip Galvanizing, Add* | *0.75* | |
| 05 12 23 00-0051 | LB | Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items | 3.20 | 0.57 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *0.20* | |
| | | *For Hot Dip Galvanizing, Add* | *0.71* | |
| 05 12 23 00-0052 | TON | Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items | 6,184.78 | 601.14 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *443.48* | |
| | | *For Hot Dip Galvanizing, Add* | *1,552.20* | |
| | | *For >10 To 25 Tons, Deduct* | *-471.20* | |
| | | *For >25 To 50 Tons, Deduct* | *-970.12* | |
| | | *For >50 Tons, Deduct* | *-1,385.89* | |
| 05 12 23 00-0053 | TON | Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items | 4,394.32 | 360.68 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *320.77* | |
| | | *For Hot Dip Galvanizing, Add* | *1,122.69* | |
| | | *For >10 To 25 Tons, Deduct* | *-340.82* | |
| | | *For >25 To 50 Tons, Deduct* | *-701.68* | |
| | | *For >50 Tons, Deduct* | *-1,002.40* | |
| **05 12 23 00-0054** | | **Double Extra Strong Pipes** *(05 12 23 00-0045)* | | |
| 05 12 23 00-0055 | TON | 2" To 5" Diameter Double Extra Strong Pipe | 8,151.68 | 955.47 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *570.60* | |
| | | *For Hot Dip Galvanizing, Add* | *1,997.09* | |
| | | *For >10 To 25 Tons, Deduct* | *-606.26* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,248.18* | |
| | | *For >50 Tons, Deduct* | *-1,783.12* | |
| 05 12 23 00-0056 | TON | >5" To 8" Diameter Double Extra Strong Pipe | 7,681.27 | 514.47 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *570.60* | |
| | | *For Hot Dip Galvanizing, Add* | *1,997.09* | |
| | | *For >10 To 25 Tons, Deduct* | *-606.26* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,248.18* | |
| | | *For >50 Tons, Deduct* | *-1,783.12* | |
| **05 12 23 00-0057** | | **Structural Pipes** *(05 12 23 00-0045)* | | |
| 05 12 23 00-0058 | TON | 3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items | 5,697.03 | 441.45 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *401.42* | |
| | | *For Hot Dip Galvanizing, Add* | *1,404.99* | |
| | | *For >10 To 25 Tons, Deduct* | *-426.51* | |
| | | *For >25 To 50 Tons, Deduct* | *-878.12* | |
| | | *For >50 Tons, Deduct* | *-1,254.45* | |
| 05 12 23 00-0059 | TON | >5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items | 6,141.00 | 509.12 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *401.42* | |
| | | *For Hot Dip Galvanizing, Add* | *1,404.99* | |
| | | *For >10 To 25 Tons, Deduct* | *-426.51* | |
| | | *For >25 To 50 Tons, Deduct* | *-878.12* | |
| | | *For >50 Tons, Deduct* | *-1,254.45* | |
| **05 12 23 00-0060** | | **Structural Tubing** *(05 12 23 00-0045)* | | |
| **05 12 23 00-0061** | | **Rectangle Structural Tubing** *(05 12 23 00-0060)* | | |
| 05 12 23 00-0062 | TON | 3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle | 9,436.01 | 445.91 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *716.83* | |
| | | *For Hot Dip Galvanizing, Add* | *2,508.90* | |
| | | *For >10 To 25 Tons, Deduct* | *-761.63* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,568.06* | |
| | | *For >50 Tons, Deduct* | *-2,240.09* | |
| 05 12 23 00-0063 | TON | 4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle | 9,509.18 | 514.47 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *716.83* | |
| | | *For Hot Dip Galvanizing, Add* | *2,508.90* | |
| | | *For >10 To 25 Tons, Deduct* | *-761.63* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,568.06* | |
| | | *For >50 Tons, Deduct* | *-2,240.09* | |
| 05 12 23 00-0064 | TON | 5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle | 8,300.47 | 557.39 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *616.47* | |
| | | *For Hot Dip Galvanizing, Add* | *2,157.66* | |
| | | *For >10 To 25 Tons, Deduct* | *-655.00* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,348.54* | |
| | | *For >50 Tons, Deduct* | *-1,926.48* | |
| 05 12 23 00-0065 | TON | 6" x 4", 3 ", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle | 7,881.76 | 668.86 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *573.46* | |
| | | *For Hot Dip Galvanizing, Add* | *2,007.12* | |
| | | *For >10 To 25 Tons, Deduct* | *-609.31* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,254.45* | |
| | | *For >50 Tons, Deduct* | *-1,792.08* | |
| 05 12 23 00-0066 | TON | 7" x 5", 4 ", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle | 7,423.39 | 743.11 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *530.45* | |
| | | *For Hot Dip Galvanizing, Add* | *1,856.59* | |
| | | *For >10 To 25 Tons, Deduct* | *-563.61* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,160.37* | |
| | | *For >50 Tons, Deduct* | *-1,657.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0067 | TON | 8" x 6", 4 ", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle | 7,727.61 | 1,028.37 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *530.45* | |
| | | *For Hot Dip Galvanizing, Add* | *1,856.59* | |
| | | *For >10 To 25 Tons, Deduct* | *-563.61* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,160.37* | |
| | | *For >50 Tons, Deduct* | *-1,657.67* | |
| 05 12 23 00-0068 | TON | 10" x 6", 4 ", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle | 8,224.15 | 1,359.46 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *541.92* | |
| | | *For Hot Dip Galvanizing, Add* | *1,896.73* | |
| | | *For >10 To 25 Tons, Deduct* | *-575.79* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,185.46* | |
| | | *For >50 Tons, Deduct* | *-1,693.51* | |
| 05 12 23 00-0069 | TON | 12" x 6", 4 ", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle | 8,429.77 | 1,484.98 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *547.66* | |
| | | *For Hot Dip Galvanizing, Add* | *1,916.80* | |
| | | *For >10 To 25 Tons, Deduct* | *-581.89* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,198.00* | |
| | | *For >50 Tons, Deduct* | *-1,711.43* | |
| 05 12 23 00-0070 | TON | 14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle | 8,629.35 | 1,672.16 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *547.66* | |
| | | *For Hot Dip Galvanizing, Add* | *1,916.80* | |
| | | *For >10 To 25 Tons, Deduct* | *-581.89* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,198.00* | |
| | | *For >50 Tons, Deduct* | *-1,711.43* | |
| 05 12 23 00-0071 | TON | 16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle | 10,521.16 | 3,512.97 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *541.92* | |
| | | *For Hot Dip Galvanizing, Add* | *1,896.73* | |
| | | *For >10 To 25 Tons, Deduct* | *-575.79* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,185.46* | |
| | | *For >50 Tons, Deduct* | *-1,693.51* | |
| 05 12 23 00-0072 | TON | 18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle | 8,973.01 | 2,229.54 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *527.59* | |
| | | *For Hot Dip Galvanizing, Add* | *1,846.55* | |
| | | *For >10 To 25 Tons, Deduct* | *-560.56* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,154.10* | |
| | | *For >50 Tons, Deduct* | *-1,648.71* | |
| 05 12 23 00-0073 | TON | 20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle | 12,424.51 | 5,129.40 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *556.26* | |
| | | *For Hot Dip Galvanizing, Add* | *1,946.91* | |
| | | *For >10 To 25 Tons, Deduct* | *-591.03* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,216.82* | |
| | | *For >50 Tons, Deduct* | *-1,738.31* | |
| 05 12 23 00-0074 | | Square Structural Tubing *(05 12 23 00-0060)* | | |
| 05 12 23 00-0075 | TON | 2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square | 9,406.28 | 418.04 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *716.83* | |
| | | *For Hot Dip Galvanizing, Add* | *2,508.90* | |
| | | *For >10 To 25 Tons, Deduct* | *-761.63* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,568.06* | |
| | | *For >50 Tons, Deduct* | *-2,240.09* | |
| 05 12 23 00-0076 | TON | 2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square | 9,436.01 | 445.91 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *716.83* | |
| | | *For Hot Dip Galvanizing, Add* | *2,508.90* | |
| | | *For >10 To 25 Tons, Deduct* | *-761.63* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,568.06* | |
| | | *For >50 Tons, Deduct* | *-2,240.09* | |
| 05 12 23 00-0077 | TON | 3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square | 8,479.68 | 557.39 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *630.81* | |
| | | *For Hot Dip Galvanizing, Add* | *2,207.84* | |
| | | *For >10 To 25 Tons, Deduct* | *-670.24* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,379.90* | |
| | | *For >50 Tons, Deduct* | *-1,971.28* | |
| 05 12 23 00-0078 | TON | 3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square | 8,419.38 | 668.86 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *616.47* | |
| | | *For Hot Dip Galvanizing, Add* | *2,157.66* | |
| | | *For >10 To 25 Tons, Deduct* | *-655.00* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,348.54* | |
| | | *For >50 Tons, Deduct* | *-1,926.48* | |
| 05 12 23 00-0079 | TON | 4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square | 6,769.81 | 836.08 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *470.24* | |
| | | *For Hot Dip Galvanizing, Add* | *1,645.84* | |
| | | *For >10 To 25 Tons, Deduct* | *-499.63* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,028.65* | |
| | | *For >50 Tons, Deduct* | *-1,469.50* | |
| 05 12 23 00-0080 | TON | 5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square | 6,897.22 | 955.47 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *470.24* | |
| | | *For Hot Dip Galvanizing, Add* | *1,645.84* | |
| | | *For >10 To 25 Tons, Deduct* | *-499.63* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,028.65* | |
| | | *For >50 Tons, Deduct* | *-1,469.50* | |
| 05 12 23 00-0081 | TON | 6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square | 7,304.91 | 1,337.73 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *470.24* | |
| | | *For Hot Dip Galvanizing, Add* | *1,645.84* | |
| | | *For >10 To 25 Tons, Deduct* | *-499.63* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,028.65* | |
| | | *For >50 Tons, Deduct* | *-1,469.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0082 | TON | 7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square | 7,769.16 | 1,672.16 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *478.84* | |
| | | *For Hot Dip Galvanizing, Add* | *1,675.95* | |
| | | *For >10 To 25 Tons, Deduct* | *-508.77* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,047.47* | |
| | | *For >50 Tons, Deduct* | *-1,496.38* | |
| 05 12 23 00-0083 | TON | 8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square | 9,331.43 | 2,229.54 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *556.26* | |
| | | *For Hot Dip Galvanizing, Add* | *1,946.91* | |
| | | *For >10 To 25 Tons, Deduct* | *-591.03* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,216.82* | |
| | | *For >50 Tons, Deduct* | *-1,738.31* | |
| 05 12 23 00-0084 | TON | 10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square | 10,520.52 | 3,344.31 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *556.26* | |
| | | *For Hot Dip Galvanizing, Add* | *1,946.91* | |
| | | *For >10 To 25 Tons, Deduct* | *-591.03* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,216.82* | |
| | | *For >50 Tons, Deduct* | *-1,738.31* | |
| 05 12 23 00-0085 | TON | 12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square | 10,172.47 | 3,925.21 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *478.84* | |
| | | *For Hot Dip Galvanizing, Add* | *1,675.95* | |
| | | *For >10 To 25 Tons, Deduct* | *-508.77* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,047.47* | |
| | | *For >50 Tons, Deduct* | *-1,496.38* | |
| 05 12 23 00-0086 | TON | 14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square | 12,281.14 | 5,129.40 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *544.79* | |
| | | *For Hot Dip Galvanizing, Add* | *1,906.77* | |
| | | *For >10 To 25 Tons, Deduct* | *-578.84* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,191.73* | |
| | | *For >50 Tons, Deduct* | *-1,702.47* | |
| 05 12 23 00-0087 | TON | 16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square | 14,087.79 | 6,688.62 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *556.26* | |
| | | *For Hot Dip Galvanizing, Add* | *1,946.91* | |
| | | *For >10 To 25 Tons, Deduct* | *-591.03* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,216.82* | |
| | | *For >50 Tons, Deduct* | *-1,738.31* | |

## 05 12 23 00-0088 Structural Shapes *(05 12 23 00-0045)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0089 | TON | Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF) | 7,964.08 | 2,404.56 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *331.79* | |
| | | *For Hot Dip Galvanizing, Add* | *1,161.25* | |
| | | *For >20 To 50 LB/LF, Deduct* | *-987.25* | |
| | | *For >50 To 75 LB/LF, Deduct* | *-1,576.29* | |
| | | *For >75 To 100 LB/LF, Deduct* | *-2,165.33* | |
| | | *For >10 To 25 Tons, Deduct* | *-352.52* | |
| | | *For >25 To 50 Tons, Deduct* | *-725.78* | |
| | | *For >50 Tons, Deduct* | *-1,036.83* | |
| 05 12 23 00-0090 | TON | Structural Shapes, Steel Plate A36 Structural Steel<br>Note: Up to 21.5 LB per SF | 7,013.78 | 961.82 |
| | | *For ASTM A242 Type 2 High Strength Steel, Add* | *458.78* | |
| | | *For Hot Dip Galvanizing, Add* | *1,605.73* | |
| | | *For >21.5 To 50 LB/LF, Deduct* | *-765.33* | |
| | | *For >10 To 25 Tons, Deduct* | *-487.45* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,003.58* | |
| | | *For >50 Tons, Deduct* | *-1,433.69* | |
| 05 12 23 00-0091 | LB | Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF) | 4.09 | 0.21 |
| 05 12 23 00-0092 | LB | Structural Shapes, Galvanized Pipe Supports | 4.99 | 0.21 |

## 05 12 23 00-0093 Built-Up Trusses *(05 12 23 00-0045)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0094 | TON | Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up | 7,650.47 | 334.43 |
| | | *For >10 To 25 Tons, Deduct* | *-619.97* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,276.40* | |
| | | *For >50 Tons, Deduct* | *-1,823.44* | |
| 05 12 23 00-0095 | TON | >50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up | 7,563.61 | 185.72 |
| | | *For >10 To 25 Tons, Deduct* | *-626.06* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,288.95* | |
| | | *For >50 Tons, Deduct* | *-1,841.36* | |
| 05 12 23 00-0096 | TON | >100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up | 6,735.59 | 98.32 |
| | | *For >10 To 25 Tons, Deduct* | *-563.61* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,160.37* | |
| | | *For >50 Tons, Deduct* | *-1,657.67* | |
| 05 12 23 00-0097 | TON | >200 LF Span Average Weight 180 LB/LF Trusses, Built-up | 6,550.56 | 92.97 |
| | | *For >10 To 25 Tons, Deduct* | *-548.37* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,129.01* | |
| | | *For >50 Tons, Deduct* | *-1,612.87* | |

## 05 12 23 00-0098 Accessories For Steel *(05 12 23)*

## 05 12 23 00-0099 Field Painting For Touch-Up Of Shop Prime Coat *(05 12 23 00-0098)*

| | | | |
|---|---|---|---|
| 05 12 23 00-0100 | SF | Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat | 1.07 |

## 05 12 23 00-0101 Connection And Stiffener Plates *(05 12 23 00-0098)*

Note: For field fabrication of additional structural metal connections.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0102 | TON | 1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates | 16,555.68 | |
| | | *For >10 To 25 Tons, Deduct* | *-1,407.23* | |
| | | *For >25 To 50 Tons, Deduct* | *-2,897.24* | |
| | | *For >50 Tons, Deduct* | *-4,138.92* | |
| 05 12 23 00-0103 | TON | 3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates | 14,125.24 | |
| | | *For >10 To 25 Tons, Deduct* | *-1,200.65* | |
| | | *For >25 To 50 Tons, Deduct* | *-2,471.92* | |
| | | *For >50 Tons, Deduct* | *-3,531.31* | |
| 05 12 23 00-0104 | TON | 1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates | 10,923.34 | |
| | | *For >10 To 25 Tons, Deduct* | *-928.48* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,911.58* | |
| | | *For >50 Tons, Deduct* | *-2,730.84* | |
| 05 12 23 00-0105 | TON | 5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates | 10,923.34 | |
| | | *For >10 To 25 Tons, Deduct* | *-928.48* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,911.58* | |
| | | *For >50 Tons, Deduct* | *-2,730.84* | |
| 05 12 23 00-0106 | TON | 3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates | 10,923.34 | |
| | | *For >10 To 25 Tons, Deduct* | *-928.48* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,911.58* | |
| | | *For >50 Tons, Deduct* | *-2,730.84* | |
| 05 12 23 00-0107 | TON | 1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates | 10,923.34 | |
| | | *For >10 To 25 Tons, Deduct* | *-928.48* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,911.58* | |
| | | *For >50 Tons, Deduct* | *-2,730.84* | |
| 05 12 23 00-0108 | TON | 9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates | 10,923.34 | |
| | | *For >10 To 25 Tons, Deduct* | *-928.48* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,911.58* | |
| | | *For >50 Tons, Deduct* | *-2,730.84* | |
| 05 12 23 00-0109 | TON | 5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates | 10,923.34 | |
| | | *For >10 To 25 Tons, Deduct* | *-928.48* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,911.58* | |
| | | *For >50 Tons, Deduct* | *-2,730.84* | |
| 05 12 23 00-0110 | TON | 3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates | 10,240.63 | |
| | | *For >10 To 25 Tons, Deduct* | *-870.45* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,792.11* | |
| | | *For >50 Tons, Deduct* | *-2,560.16* | |
| 05 12 23 00-0111 | TON | 7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates | 10,240.63 | |
| | | *For >10 To 25 Tons, Deduct* | *-870.45* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,792.11* | |
| | | *For >50 Tons, Deduct* | *-2,560.16* | |
| 05 12 23 00-0112 | TON | 1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates | 10,240.63 | |
| | | *For >10 To 25 Tons, Deduct* | *-870.45* | |
| | | *For >25 To 50 Tons, Deduct* | *-1,792.11* | |
| | | *For >50 Tons, Deduct* | *-2,560.16* | |

## 05 12 23 00-0113 Field Applied Cold Galvanizing *(05 12 23 00-0098)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0114 | SF | Brush Applied Cold Galvanizing | 1.34 | |

## 05 12 23 00-0115 Metal Grinding *(05 12 23 00-0098)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0116 | SI | Metal Grinding Up To 1/32" Thickness To Be Removed<br>Note: Includes rust or scale removal on metal and smoothing surface. | 0.97 | |

## 05 12 23 00-0117 Structural Steel For Buildings And Structures *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.

## 05 12 23 00-0118 First Tier A992/A36 Structural Steel Columns, W Shapes *(05 12 23 00-0117)*

Note: With base plate. Includes material delivery and erection.

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0119 | LF | W14 x 730 A992/A36 Structural Column | 1,630.27 | 66.70 |
| | | *For Hot Dip Galvanizing, Add* | *432.67* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *146.72* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *326.05* | |
| 05 12 23 00-0120 | LF | W14 x 665 A992/A36 Structural Column | 1,486.62 | 62.16 |
| | | *For Hot Dip Galvanizing, Add* | *394.15* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *133.80* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *297.32* | |
| 05 12 23 00-0121 | LF | W14 x 605 A992/A36 Structural Column | 1,353.90 | 57.86 |
| | | *For Hot Dip Galvanizing, Add* | *358.59* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *121.85* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *270.78* | |
| 05 12 23 00-0122 | LF | W14 x 550 A992/A36 Structural Column | 1,232.11 | 53.82 |
| | | *For Hot Dip Galvanizing, Add* | *325.99* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *110.89* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *246.42* | |
| 05 12 23 00-0123 | LF | W14 x 500 A992/A36 Structural Column | 1,129.79 | 57.97 |
| | | *For Hot Dip Galvanizing, Add* | *296.35* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *101.68* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *225.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0124 | LF | W14 x 426 A992/A36 Structural Column | 963.81 | 50.61 |
| | | *For Hot Dip Galvanizing, Add* | *252.49* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *86.74* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *192.76* | |
| 05 12 23 00-0125 | LF | W14 x 342 A992/A36 Structural Column | 778.96 | 43.81 |
| | | *For Hot Dip Galvanizing, Add* | *203.21* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *70.11* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *155.79* | |
| 05 12 23 00-0126 | LF | W14 x 311 A992/A36 Structural Column | 701.37 | 40.91 |
| | | *For Hot Dip Galvanizing, Add* | *182.52* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *63.12* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *140.27* | |
| 05 12 23 00-0127 | LF | W14 x 283 A992/A36 Structural Column | 636.42 | 38.57 |
| | | *For Hot Dip Galvanizing, Add* | *165.21* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *57.28* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *127.28* | |
| 05 12 23 00-0128 | LF | W14 x 257 A992/A36 Structural Column | 559.02 | 36.57 |
| | | *For Hot Dip Galvanizing, Add* | *144.32* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *50.31* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *111.80* | |
| 05 12 23 00-0129 | LF | W14 x 233 A992/A36 Structural Column | 514.41 | 34.00 |
| | | *For Hot Dip Galvanizing, Add* | *132.69* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *46.30* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *102.88* | |
| 05 12 23 00-0130 | LF | W14 x 211 A992/A36 Structural Column | 457.36 | 31.66 |
| | | *For Hot Dip Galvanizing, Add* | *117.54* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *41.16* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *91.47* | |
| 05 12 23 00-0131 | LF | W14 x 193 A992/A36 Structural Column | 413.45 | 30.09 |
| | | *For Hot Dip Galvanizing, Add* | *105.82* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *37.21* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *82.69* | |
| 05 12 23 00-0132 | LF | W14 x 176 A992/A36 Structural Column | 372.42 | 28.77 |
| | | *For Hot Dip Galvanizing, Add* | *94.84* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *33.52* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *74.48* | |
| 05 12 23 00-0133 | LF | W14 x 159 A992/A36 Structural Column | 336.50 | 27.76 |
| | | *For Hot Dip Galvanizing, Add* | *85.18* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *30.29* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *67.30* | |
| 05 12 23 00-0134 | LF | W14 x 145 A992/A36 Structural Column | 325.17 | 26.87 |
| | | *For Hot Dip Galvanizing, Add* | *82.28* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *29.27* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *65.03* | |
| 05 12 23 00-0135 | LF | W14 x 132 A992/A36 Structural Column | 277.71 | 25.64 |
| | | *For Hot Dip Galvanizing, Add* | *69.49* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *24.99* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *55.54* | |
| 05 12 23 00-0136 | LF | W14 x 120 A992/A36 Structural Column | 260.25 | 24.97 |
| | | *For Hot Dip Galvanizing, Add* | *64.83* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *23.42* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *52.05* | |
| 05 12 23 00-0137 | LF | W14 x 109 A992/A36 Structural Column | 232.81 | 23.97 |
| | | *For Hot Dip Galvanizing, Add* | *57.52* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *20.95* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *46.56* | |
| 05 12 23 00-0138 | LF | W14 x 99 A992/A36 Structural Column | 212.24 | 23.30 |
| | | *For Hot Dip Galvanizing, Add* | *52.03* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *19.10* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *42.45* | |
| 05 12 23 00-0139 | LF | W14 x 90 A992/A36 Structural Column | 197.01 | 22.74 |
| | | *For Hot Dip Galvanizing, Add* | *47.96* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.73* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *39.40* | |
| 05 12 23 00-0140 | LF | W14 x 82 A992/A36 Structural Column | 181.32 | 22.07 |
| | | *For Hot Dip Galvanizing, Add* | *43.79* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.32* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *36.26* | |
| 05 12 23 00-0141 | LF | W14 x 74 A992/A36 Structural Column | 163.51 | 21.51 |
| | | *For Hot Dip Galvanizing, Add* | *39.03* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.72* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *32.70* | |
| 05 12 23 00-0142 | LF | W14 x 68 A992/A36 Structural Column | 152.58 | 21.18 |
| | | *For Hot Dip Galvanizing, Add* | *36.09* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.73* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *30.52* | |
| 05 12 23 00-0143 | LF | W14 x 61 A992/A36 Structural Column | 138.94 | 20.63 |
| | | *For Hot Dip Galvanizing, Add* | *32.46* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.50* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *27.79* | |
| 05 12 23 00-0144 | LF | W14 x 53 A992/A36 Structural Column | 126.38 | 20.07 |
| | | *For Hot Dip Galvanizing, Add* | *29.13* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.37* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *25.28* | |
| 05 12 23 00-0145 | LF | W14 x 48 A992/A36 Structural Column | 118.26 | 19.73 |
| | | *For Hot Dip Galvanizing, Add* | *26.97* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.64* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *23.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0146 | LF | W14 x 43 A992/A36 Structural Column | 106.51 | 19.40 |
| | | *For Hot Dip Galvanizing, Add* | *23.83* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.59* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *21.30* | |
| 05 12 23 00-0147 | LF | W12 x 336 A992/A36 Structural Column | 743.54 | 29.70 |
| | | *For Hot Dip Galvanizing, Add* | *197.55* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *66.92* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *148.71* | |
| 05 12 23 00-0148 | LF | W12 x 305 A992/A36 Structural Column | 677.24 | 29.11 |
| | | *For Hot Dip Galvanizing, Add* | *179.32* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *60.95* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *135.45* | |
| 05 12 23 00-0149 | LF | W12 x 279 A992/A36 Structural Column | 621.77 | 28.76 |
| | | *For Hot Dip Galvanizing, Add* | *164.03* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *55.96* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *124.35* | |
| 05 12 23 00-0150 | LF | W12 x 252 A992/A36 Structural Column | 563.80 | 28.04 |
| | | *For Hot Dip Galvanizing, Add* | *148.16* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *50.74* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *112.76* | |
| 05 12 23 00-0151 | LF | W12 x 230 A992/A36 Structural Column | 516.76 | 27.63 |
| | | *For Hot Dip Galvanizing, Add* | *135.23* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *46.51* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *103.35* | |
| 05 12 23 00-0152 | LF | W12 x 210 A992/A36 Structural Column | 473.96 | 27.25 |
| | | *For Hot Dip Galvanizing, Add* | *123.47* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *42.66* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *94.79* | |
| 05 12 23 00-0153 | LF | W12 x 190 A992/A36 Structural Column | 435.44 | 30.76 |
| | | *For Hot Dip Galvanizing, Add* | *111.71* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *39.19* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *87.09* | |
| 05 12 23 00-0154 | LF | W12 x 170 A992/A36 Structural Column | 393.21 | 29.87 |
| | | *For Hot Dip Galvanizing, Add* | *100.30* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *35.39* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *78.64* | |
| 05 12 23 00-0155 | LF | W12 x 152 A992/A36 Structural Column | 354.35 | 27.76 |
| | | *For Hot Dip Galvanizing, Add* | *90.13* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *31.89* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *70.87* | |
| 05 12 23 00-0156 | LF | W12 x 136 A992/A36 Structural Column | 336.78 | 26.98 |
| | | *For Hot Dip Galvanizing, Add* | *85.47* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *30.31* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *67.36* | |
| 05 12 23 00-0157 | LF | W12 x 120 A992/A36 Structural Column | 254.31 | 24.75 |
| | | *For Hot Dip Galvanizing, Add* | *63.21* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *22.89* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *50.86* | |
| 05 12 23 00-0158 | LF | W12 x 106 A992/A36 Structural Column | 234.23 | 23.97 |
| | | *For Hot Dip Galvanizing, Add* | *57.91* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *21.08* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *46.85* | |
| 05 12 23 00-0159 | LF | W12 x 96 A992/A36 Structural Column | 209.30 | 23.18 |
| | | *For Hot Dip Galvanizing, Add* | *51.24* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *18.84* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *41.86* | |
| 05 12 23 00-0160 | LF | W12 x 87 A992/A36 Structural Column | 192.91 | 22.40 |
| | | *For Hot Dip Galvanizing, Add* | *46.88* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.36* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *38.58* | |
| 05 12 23 00-0161 | LF | W12 x 79 A992/A36 Structural Column | 168.97 | 21.73 |
| | | *For Hot Dip Galvanizing, Add* | *40.46* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.21* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *33.79* | |
| 05 12 23 00-0162 | LF | W12 x 72 A992/A36 Structural Column | 154.46 | 21.18 |
| | | *For Hot Dip Galvanizing, Add* | *36.58* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.90* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *30.89* | |
| 05 12 23 00-0163 | LF | W12 x 65 A992/A36 Structural Column | 141.00 | 20.74 |
| | | *For Hot Dip Galvanizing, Add* | *33.00* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.69* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *28.20* | |
| 05 12 23 00-0164 | LF | W12 x 58 A992/A36 Structural Column | 136.37 | 20.52 |
| | | *For Hot Dip Galvanizing, Add* | *31.78* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.27* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *27.27* | |
| 05 12 23 00-0165 | LF | W12 x 53 A992/A36 Structural Column | 126.38 | 20.07 |
| | | *For Hot Dip Galvanizing, Add* | *29.13* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.37* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *25.28* | |
| 05 12 23 00-0166 | LF | W12 x 50 A992/A36 Structural Column | 122.38 | 19.96 |
| | | *For Hot Dip Galvanizing, Add* | *28.05* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.01* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *24.48* | |
| 05 12 23 00-0167 | LF | W12 x 45 A992/A36 Structural Column | 110.97 | 19.51 |
| | | *For Hot Dip Galvanizing, Add* | *25.01* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.99* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *22.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0168 | LF | W12 x 40 A992/A36 Structural Column | 99.21 | 19.07 |
| | | *For Hot Dip Galvanizing, Add* | *21.87* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.93* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *19.84* | |
| 05 12 23 00-0169 | LF | W10 x 112 A992/A36 Structural Column | 245.10 | 24.41 |
| | | *For Hot Dip Galvanizing, Add* | *60.81* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *22.06* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *49.02* | |
| 05 12 23 00-0170 | LF | W10 x 110 A992/A36 Structural Column | 221.47 | 23.41 |
| | | *For Hot Dip Galvanizing, Add* | *54.53* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *19.93* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *44.29* | |
| 05 12 23 00-0171 | LF | W10 x 88 A992/A36 Structural Column | 198.85 | 22.63 |
| | | *For Hot Dip Galvanizing, Add* | *48.50* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.90* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *39.77* | |
| 05 12 23 00-0172 | LF | W10 x 77 A992/A36 Structural Column | 176.57 | 21.73 |
| | | *For Hot Dip Galvanizing, Add* | *42.57* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.89* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *35.31* | |
| 05 12 23 00-0173 | LF | W10 x 68 A992/A36 Structural Column | 158.76 | 21.18 |
| | | *For Hot Dip Galvanizing, Add* | *37.81* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.29* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *31.75* | |
| 05 12 23 00-0174 | LF | W10 x 60 A992/A36 Structural Column | 138.94 | 20.63 |
| | | *For Hot Dip Galvanizing, Add* | *32.46* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.50* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *27.79* | |
| 05 12 23 00-0175 | LF | W10 x 54 A992/A36 Structural Column | 138.01 | 20.29 |
| | | *For Hot Dip Galvanizing, Add* | *32.27* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.42* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *27.60* | |
| 05 12 23 00-0176 | LF | W10 x 49 A992/A36 Structural Column | 120.86 | 19.96 |
| | | *For Hot Dip Galvanizing, Add* | *27.66* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.88* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *24.17* | |
| 05 12 23 00-0177 | LF | W10 x 45 A992/A36 Structural Column | 116.56 | 19.62 |
| | | *For Hot Dip Galvanizing, Add* | *26.53* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.49* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *23.31* | |
| 05 12 23 00-0178 | LF | W10 x 39 A992/A36 Structural Column | 101.10 | 19.29 |
| | | *For Hot Dip Galvanizing, Add* | *22.36* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.10* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *20.22* | |
| 05 12 23 00-0179 | LF | W10 x 33 A992/A36 Structural Column | 87.82 | 18.73 |
| | | *For Hot Dip Galvanizing, Add* | *18.83* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.90* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *17.56* | |
| 05 12 23 00-0180 | LF | W8 x 67 A992/A36 Structural Column | 152.76 | 21.18 |
| | | *For Hot Dip Galvanizing, Add* | *36.14* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.75* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *30.55* | |
| 05 12 23 00-0181 | LF | W8 x 58 A992/A36 Structural Column | 136.89 | 20.52 |
| | | *For Hot Dip Galvanizing, Add* | *31.92* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.32* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *27.38* | |
| 05 12 23 00-0182 | LF | W8 x 48 A992/A36 Structural Column | 122.27 | 19.96 |
| | | *For Hot Dip Galvanizing, Add* | *28.05* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.00* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *24.45* | |
| 05 12 23 00-0183 | LF | W8 x 40 A992/A36 Structural Column | 104.57 | 19.40 |
| | | *For Hot Dip Galvanizing, Add* | *23.29* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.41* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *20.91* | |
| 05 12 23 00-0184 | LF | W8 x 35 A992/A36 Structural Column | 94.22 | 18.95 |
| | | *For Hot Dip Galvanizing, Add* | *20.55* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.48* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *18.84* | |
| 05 12 23 00-0185 | LF | W8 x 31 A992/A36 Structural Column | 85.87 | 18.73 |
| | | *For Hot Dip Galvanizing, Add* | *18.29* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.73* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *17.17* | |
| 05 12 23 00-0186 | LF | W8 x 28 A992/A36 Structural Column | 80.70 | 18.51 |
| | | *For Hot Dip Galvanizing, Add* | *16.92* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.26* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *16.14* | |
| 05 12 23 00-0187 | LF | W8 x 24 A992/A36 Structural Column | 74.47 | 18.28 |
| | | *For Hot Dip Galvanizing, Add* | *15.25* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.70* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *14.89* | |
| 05 12 23 00-0188 | LF | W8 x 21 A992/A36 Structural Column | 70.36 | 18.17 |
| | | *For Hot Dip Galvanizing, Add* | *14.17* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.33* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *14.07* | |
| 05 12 23 00-0189 | LF | W8 x 18 A992/A36 Structural Column | 62.54 | 17.84 |
| | | *For Hot Dip Galvanizing, Add* | *12.06* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.63* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *12.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0190 | LF | W6 x 25 A992/A36 Structural Column | 78.35 | 18.28 |
| | | *For Hot Dip Galvanizing, Add* | *16.33* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.05* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *15.67* | |
| 05 12 23 00-0191 | LF | W6 x 20 A992/A36 Structural Column | 65.83 | 17.95 |
| | | *For Hot Dip Galvanizing, Add* | *12.95* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.92* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *13.17* | |
| 05 12 23 00-0192 | LF | W6 x 15 A992/A36 Structural Column | 56.08 | 17.39 |
| | | *For Hot Dip Galvanizing, Add* | *10.40* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.05* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *11.22* | |
| 05 12 23 00-0193 | LF | W6 x 12 A992/A36 Structural Column | 52.37 | 17.39 |
| | | *For Hot Dip Galvanizing, Add* | *9.37* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.71* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *10.47* | |
| 05 12 23 00-0194 | LF | W6 x 9 A992/A36 Structural Column | 47.67 | 17.28 |
| | | *For Hot Dip Galvanizing, Add* | *8.09* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.29* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *9.53* | |
| 05 12 23 00-0195 | LF | W5 x 19 A992/A36 Structural Column | 64.77 | 17.95 |
| | | *For Hot Dip Galvanizing, Add* | *12.65* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.83* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *12.95* | |
| 05 12 23 00-0196 | LF | W5 x 16 A992/A36 Structural Column | 59.42 | 17.84 |
| | | *For Hot Dip Galvanizing, Add* | *11.23* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.35* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *11.88* | |
| 05 12 23 00-0197 | LF | W4 x 13 A992/A36 Structural Column | 55.49 | 17.61 |
| | | *For Hot Dip Galvanizing, Add* | *10.20* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.99* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *11.10* | |

## 05 12 23 00-0198 A992/A36 Structural Steel Beams And Girders, W Shapes *(05 12 23 00-0117)*

Note: Includes material delivery and erection.

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0199 | LF | W36 x 300 A992/A36 Structural Beam Or Girder | 579.65 | 73.04 |
| | | *For Hot Dip Galvanizing, Add* | *139.23* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *52.17* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *115.93* | |
| | | *For Each Additional Top Copes >2, Add* | *5.02* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-191.19* | |
| | | *For Skewed Or Sloped Connections, Add* | *69.56* | |
| 05 12 23 00-0200 | LF | W36 x 280 A992/A36 Structural Beam Or Girder | 557.47 | 83.61 |
| | | *For Hot Dip Galvanizing, Add* | *129.95* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *50.17* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *111.49* | |
| | | *For Each Additional Top Copes >2, Add* | *4.68* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-181.74* | |
| | | *For Skewed Or Sloped Connections, Add* | *66.90* | |
| 05 12 23 00-0201 | LF | W36 x 260 A992/A36 Structural Beam Or Girder | 527.24 | 82.60 |
| | | *For Hot Dip Galvanizing, Add* | *121.87* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *47.45* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *105.45* | |
| | | *For Each Additional Top Copes >2, Add* | *4.39* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-171.33* | |
| | | *For Skewed Or Sloped Connections, Add* | *63.27* | |
| 05 12 23 00-0202 | LF | W36 x 240 A992/A36 Structural Beam Or Girder | 492.16 | 70.40 |
| | | *For Hot Dip Galvanizing, Add* | *115.74* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *44.29* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *98.43* | |
| | | *For Each Additional Top Copes >2, Add* | *4.17* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-160.99* | |
| | | *For Skewed Or Sloped Connections, Add* | *59.06* | |
| 05 12 23 00-0203 | LF | W36 x 230 A992/A36 Structural Beam Or Girder | 475.85 | 71.40 |
| | | *For Hot Dip Galvanizing, Add* | *110.92* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *42.83* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *95.17* | |
| | | *For Each Additional Top Copes >2, Add* | *4.00* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-155.13* | |
| | | *For Skewed Or Sloped Connections, Add* | *57.10* | |
| 05 12 23 00-0204 | LF | W36 x 210 A992/A36 Structural Beam Or Girder | 450.22 | 79.93 |
| | | *For Hot Dip Galvanizing, Add* | *101.27* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *40.52* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *90.04* | |
| | | *For Each Additional Top Copes >2, Add* | *3.65* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-144.79* | |
| | | *For Skewed Or Sloped Connections, Add* | *54.03* | |
| 05 12 23 00-0205 | LF | W36 x 194 A992/A36 Structural Beam Or Girder | 425.30 | 68.28 |
| | | *For Hot Dip Galvanizing, Add* | *97.81* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *38.28* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *85.06* | |
| | | *For Each Additional Top Copes >2, Add* | *3.52* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-137.93* | |
| | | *For Skewed Or Sloped Connections, Add* | *51.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0206 | LF | W36 x 182 A992/A36 Structural Beam Or Girder | 402.97 | 67.78 |
| | | *For Hot Dip Galvanizing, Add* | *91.76* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *36.27* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *80.59* | |
| | | *For Each Additional Top Copes >2, Add* | *3.31* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-130.19* | |
| | | *For Skewed Or Sloped Connections, Add* | *48.36* | |
| 05 12 23 00-0207 | LF | W36 x 170 A992/A36 Structural Beam Or Girder | 380.34 | 67.00 |
| | | *For Hot Dip Galvanizing, Add* | *85.71* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *34.23* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *76.07* | |
| | | *For Each Additional Top Copes >2, Add* | *3.09* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-122.40* | |
| | | *For Skewed Or Sloped Connections, Add* | *45.64* | |
| 05 12 23 00-0208 | LF | W36 x 160 A992/A36 Structural Beam Or Girder | 373.19 | 77.37 |
| | | *For Hot Dip Galvanizing, Add* | *80.67* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *33.59* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *74.64* | |
| | | *For Each Additional Top Copes >2, Add* | *2.91* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-118.24* | |
| | | *For Skewed Or Sloped Connections, Add* | *44.78* | |
| 05 12 23 00-0209 | LF | W36 x 150 A992/A36 Structural Beam Or Girder | 357.40 | 76.81 |
| | | *For Hot Dip Galvanizing, Add* | *76.44* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *32.17* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *71.48* | |
| | | *For Each Additional Top Copes >2, Add* | *2.75* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-112.80* | |
| | | *For Skewed Or Sloped Connections, Add* | *42.89* | |
| 05 12 23 00-0210 | LF | W36 x 135 A992/A36 Structural Beam Or Girder | 335.32 | 76.14 |
| | | *For Hot Dip Galvanizing, Add* | *70.53* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *30.18* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *67.06* | |
| | | *For Each Additional Top Copes >2, Add* | *2.54* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-105.19* | |
| | | *For Skewed Or Sloped Connections, Add* | *40.24* | |
| 05 12 23 00-0211 | LF | W33 x 241 A992/A36 Structural Beam Or Girder | 498.15 | 72.61 |
| | | *For Hot Dip Galvanizing, Add* | *116.74* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *44.83* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *99.63* | |
| | | *For Each Additional Top Copes >2, Add* | *4.21* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-162.74* | |
| | | *For Skewed Or Sloped Connections, Add* | *59.78* | |
| 05 12 23 00-0212 | LF | W33 x 221 A992/A36 Structural Beam Or Girder | 461.34 | 70.83 |
| | | *For Hot Dip Galvanizing, Add* | *107.06* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *41.52* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *92.27* | |
| | | *For Each Additional Top Copes >2, Add* | *3.86* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-150.14* | |
| | | *For Skewed Or Sloped Connections, Add* | *55.36* | |
| 05 12 23 00-0213 | LF | W33 x 201 A992/A36 Structural Beam Or Girder | 435.59 | 79.38 |
| | | *For Hot Dip Galvanizing, Add* | *97.37* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *39.20* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *87.12* | |
| | | *For Each Additional Top Copes >2, Add* | *3.51* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-139.75* | |
| | | *For Skewed Or Sloped Connections, Add* | *52.27* | |
| 05 12 23 00-0214 | LF | W33 x 170 A992/A36 Structural Beam Or Girder | 390.16 | 77.92 |
| | | *For Hot Dip Galvanizing, Add* | *85.22* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *35.11* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *78.03* | |
| | | *For Each Additional Top Copes >2, Add* | *3.07* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-124.10* | |
| | | *For Skewed Or Sloped Connections, Add* | *46.82* | |
| 05 12 23 00-0215 | LF | W33 x 152 A992/A36 Structural Beam Or Girder | 355.15 | 66.79 |
| | | *For Hot Dip Galvanizing, Add* | *78.78* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *31.96* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *71.03* | |
| | | *For Each Additional Top Copes >2, Add* | *2.84* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-113.62* | |
| | | *For Skewed Or Sloped Connections, Add* | *42.62* | |
| 05 12 23 00-0216 | LF | W33 x 141 A992/A36 Structural Beam Or Girder | 344.84 | 76.36 |
| | | *For Hot Dip Galvanizing, Add* | *73.08* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *31.04* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *68.97* | |
| | | *For Each Additional Top Copes >2, Add* | *2.63* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-108.47* | |
| | | *For Skewed Or Sloped Connections, Add* | *41.38* | |
| 05 12 23 00-0217 | LF | W33 x 130 A992/A36 Structural Beam Or Girder | 326.99 | 75.80 |
| | | *For Hot Dip Galvanizing, Add* | *68.31* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *29.43* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *65.40* | |
| | | *For Each Additional Top Copes >2, Add* | *2.46* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-102.32* | |
| | | *For Skewed Or Sloped Connections, Add* | *39.24* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0218 | LF | W33 x 118 A992/A36 Structural Beam Or Girder | 306.19 | 75.13 |
| | | *For Hot Dip Galvanizing, Add* | *62.73* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *27.56* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *61.24* | |
| | | *For Each Additional Top Copes >2, Add* | *2.26* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-95.14* | |
| | | *For Skewed Or Sloped Connections, Add* | *36.74* | |
| 05 12 23 00-0219 | LF | W30 x 211 A992/A36 Structural Beam Or Girder | 441.87 | 70.69 |
| | | *For Hot Dip Galvanizing, Add* | *101.69* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *39.77* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *88.37* | |
| | | *For Each Additional Top Copes >2, Add* | *3.66* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-143.34* | |
| | | *For Skewed Or Sloped Connections, Add* | *53.02* | |
| 05 12 23 00-0220 | LF | W30 x 191 A992/A36 Structural Beam Or Girder | 415.89 | 78.82 |
| | | *For Hot Dip Galvanizing, Add* | *92.06* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *37.43* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *83.18* | |
| | | *For Each Additional Top Copes >2, Add* | *3.32* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-132.94* | |
| | | *For Skewed Or Sloped Connections, Add* | *49.91* | |
| 05 12 23 00-0221 | LF | W30 x 173 A992/A36 Structural Beam Or Girder | 381.63 | 67.47 |
| | | *For Hot Dip Galvanizing, Add* | *85.93* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *34.35* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *76.33* | |
| | | *For Each Additional Top Copes >2, Add* | *3.10* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-122.78* | |
| | | *For Skewed Or Sloped Connections, Add* | *45.80* | |
| 05 12 23 00-0222 | LF | W30 x 154 A992/A36 Structural Beam Or Girder | 357.70 | 76.92 |
| | | *For Hot Dip Galvanizing, Add* | *76.50* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *32.19* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *71.54* | |
| | | *For Each Additional Top Copes >2, Add* | *2.76* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-112.89* | |
| | | *For Skewed Or Sloped Connections, Add* | *42.92* | |
| 05 12 23 00-0223 | LF | W30 x 132 A992/A36 Structural Beam Or Girder | 319.31 | 65.09 |
| | | *For Hot Dip Galvanizing, Add* | *69.34* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *28.74* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *63.86* | |
| | | *For Each Additional Top Copes >2, Add* | *2.50* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-101.34* | |
| | | *For Skewed Or Sloped Connections, Add* | *38.32* | |
| 05 12 23 00-0224 | LF | W30 x 124 A992/A36 Structural Beam Or Girder | 304.13 | 65.05 |
| | | *For Hot Dip Galvanizing, Add* | *65.14* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *27.37* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *60.83* | |
| | | *For Each Additional Top Copes >2, Add* | *2.35* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-96.04* | |
| | | *For Skewed Or Sloped Connections, Add* | *36.50* | |
| 05 12 23 00-0225 | LF | W30 x 116 A992/A36 Structural Beam Or Girder | 299.64 | 75.02 |
| | | *For Hot Dip Galvanizing, Add* | *60.94* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *26.97* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *59.93* | |
| | | *For Each Additional Top Copes >2, Add* | *2.20* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-92.87* | |
| | | *For Skewed Or Sloped Connections, Add* | *35.96* | |
| 05 12 23 00-0226 | LF | W30 x 108 A992/A36 Structural Beam Or Girder | 277.53 | 67.56 |
| | | *For Hot Dip Galvanizing, Add* | *57.03* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *24.98* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *55.51* | |
| | | *For Each Additional Top Copes >2, Add* | *2.06* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-86.33* | |
| | | *For Skewed Or Sloped Connections, Add* | *33.30* | |
| 05 12 23 00-0227 | LF | W30 x 99 A992/A36 Structural Beam Or Girder | 264.78 | 67.22 |
| | | *For Hot Dip Galvanizing, Add* | *53.62* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *23.83* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *52.96* | |
| | | *For Each Additional Top Copes >2, Add* | *1.93* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-81.94* | |
| | | *For Skewed Or Sloped Connections, Add* | *31.77* | |
| 05 12 23 00-0228 | LF | W27 x 178 A992/A36 Structural Beam Or Girder | 423.48 | 78.99 |
| | | *For Hot Dip Galvanizing, Add* | *94.13* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *38.11* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *84.70* | |
| | | *For Each Additional Top Copes >2, Add* | *3.39* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-135.58* | |
| | | *For Skewed Or Sloped Connections, Add* | *50.82* | |
| 05 12 23 00-0229 | LF | W27 x 161 A992/A36 Structural Beam Or Girder | 387.91 | 76.02 |
| | | *For Hot Dip Galvanizing, Add* | *85.15* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *34.91* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *77.58* | |
| | | *For Each Additional Top Copes >2, Add* | *3.07* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-123.61* | |
| | | *For Skewed Or Sloped Connections, Add* | *46.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0230 | LF | W27 x 146 A992/A36 Structural Beam Or Girder | 356.45 | 73.33 |
| | | *For Hot Dip Galvanizing, Add* | *77.21* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *32.08* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *71.29* | |
| | | *For Each Additional Top Copes >2, Add* | *2.78* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-113.03* | |
| | | *For Skewed Or Sloped Connections, Add* | *42.77* | |
| 05 12 23 00-0231 | LF | W27 x 114 A992/A36 Structural Beam Or Girder | 282.23 | 60.91 |
| | | *For Hot Dip Galvanizing, Add* | *60.29* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *25.40* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *56.45* | |
| | | *For Each Additional Top Copes >2, Add* | *2.17* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-89.04* | |
| | | *For Skewed Or Sloped Connections, Add* | *33.87* | |
| 05 12 23 00-0232 | LF | W27 x 102 A992/A36 Structural Beam Or Girder | 266.06 | 67.22 |
| | | *For Hot Dip Galvanizing, Add* | *53.94* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *23.95* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *53.21* | |
| | | *For Each Additional Top Copes >2, Add* | *1.94* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-82.37* | |
| | | *For Skewed Or Sloped Connections, Add* | *31.93* | |
| 05 12 23 00-0233 | LF | W27 x 94 A992/A36 Structural Beam Or Girder | 254.09 | 66.77 |
| | | *For Hot Dip Galvanizing, Add* | *50.74* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *22.87* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *50.82* | |
| | | *For Each Additional Top Copes >2, Add* | *1.83* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-78.25* | |
| | | *For Skewed Or Sloped Connections, Add* | *30.49* | |
| 05 12 23 00-0234 | LF | W27 x 84 A992/A36 Structural Beam Or Girder | 239.47 | 66.33 |
| | | *For Hot Dip Galvanizing, Add* | *46.84* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *21.55* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *47.89* | |
| | | *For Each Additional Top Copes >2, Add* | *1.69* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-73.21* | |
| | | *For Skewed Or Sloped Connections, Add* | *28.74* | |
| 05 12 23 00-0235 | LF | W24 x 162 A992/A36 Structural Beam Or Girder | 373.68 | 72.88 |
| | | *For Hot Dip Galvanizing, Add* | *82.13* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *33.63* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *74.74* | |
| | | *For Each Additional Top Copes >2, Add* | *2.96* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-119.13* | |
| | | *For Skewed Or Sloped Connections, Add* | *44.84* | |
| 05 12 23 00-0236 | LF | W24 x 146 A992/A36 Structural Beam Or Girder | 341.25 | 69.86 |
| | | *For Hot Dip Galvanizing, Add* | *74.01* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *30.71* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *68.25* | |
| | | *For Each Additional Top Copes >2, Add* | *2.67* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-108.26* | |
| | | *For Skewed Or Sloped Connections, Add* | *40.95* | |
| 05 12 23 00-0237 | LF | W24 x 131 A992/A36 Structural Beam Or Girder | 310.45 | 66.70 |
| | | *For Hot Dip Galvanizing, Add* | *66.41* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *27.94* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *62.09* | |
| | | *For Each Additional Top Copes >2, Add* | *2.39* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-97.99* | |
| | | *For Skewed Or Sloped Connections, Add* | *37.25* | |
| 05 12 23 00-0238 | LF | W24 x 117 A992/A36 Structural Beam Or Girder | 281.32 | 63.37 |
| | | *For Hot Dip Galvanizing, Add* | *59.31* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *25.32* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *56.26* | |
| | | *For Each Additional Top Copes >2, Add* | *2.14* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-88.33* | |
| | | *For Skewed Or Sloped Connections, Add* | *33.76* | |
| 05 12 23 00-0239 | LF | W24 x 104 A992/A36 Structural Beam Or Girder | 253.90 | 59.92 |
| | | *For Hot Dip Galvanizing, Add* | *52.72* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *22.85* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *50.78* | |
| | | *For Each Additional Top Copes >2, Add* | *1.90* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-79.28* | |
| | | *For Skewed Or Sloped Connections, Add* | *30.47* | |
| 05 12 23 00-0240 | LF | W24 x 94 A992/A36 Structural Beam Or Girder | 242.95 | 66.77 |
| | | *For Hot Dip Galvanizing, Add* | *47.65* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *21.87* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *48.59* | |
| | | *For Each Additional Top Copes >2, Add* | *1.72* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-74.35* | |
| | | *For Skewed Or Sloped Connections, Add* | *29.15* | |
| 05 12 23 00-0241 | LF | W24 x 84 A992/A36 Structural Beam Or Girder | 221.85 | 59.19 |
| | | *For Hot Dip Galvanizing, Add* | *44.02* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *19.97* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *44.37* | |
| | | *For Each Additional Top Copes >2, Add* | *1.59* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-68.17* | |
| | | *For Skewed Or Sloped Connections, Add* | *26.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0242 | LF | W24 x 76 A992/A36 Structural Beam Or Girder | 210.65 | 58.75 |
| | | *For Hot Dip Galvanizing, Add* | *41.04* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *18.96* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *42.13* | |
| | | *For Each Additional Top Copes >2, Add* | *1.48* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-64.31* | |
| | | *For Skewed Or Sloped Connections, Add* | *25.28* | |
| 05 12 23 00-0243 | LF | W24 x 68 A992/A36 Structural Beam Or Girder | 196.53 | 58.41 |
| | | *For Hot Dip Galvanizing, Add* | *37.24* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.69* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *39.31* | |
| | | *For Each Additional Top Copes >2, Add* | *1.34* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-59.44* | |
| | | *For Skewed Or Sloped Connections, Add* | *23.58* | |
| 05 12 23 00-0244 | LF | W24 x 62 A992/A36 Structural Beam Or Girder | 189.17 | 58.08 |
| | | *For Hot Dip Galvanizing, Add* | *35.29* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.03* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *37.83* | |
| | | *For Each Additional Top Copes >2, Add* | *1.27* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-56.91* | |
| | | *For Skewed Or Sloped Connections, Add* | *22.70* | |
| 05 12 23 00-0245 | LF | W24 x 55 A992/A36 Structural Beam Or Girder | 179.06 | 57.86 |
| | | *For Hot Dip Galvanizing, Add* | *32.58* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.12* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *35.81* | |
| | | *For Each Additional Top Copes >2, Add* | *1.17* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-53.42* | |
| | | *For Skewed Or Sloped Connections, Add* | *21.49* | |
| 05 12 23 00-0246 | LF | W21 x 147 A992/A36 Structural Beam Or Girder | 327.65 | 59.93 |
| | | *For Hot Dip Galvanizing, Add* | *73.18* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *29.49* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *65.53* | |
| | | *For Each Additional Top Copes >2, Add* | *2.64* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-105.09* | |
| | | *For Skewed Or Sloped Connections, Add* | *39.32* | |
| 05 12 23 00-0247 | LF | W21 x 132 A992/A36 Structural Beam Or Girder | 297.89 | 57.26 |
| | | *For Hot Dip Galvanizing, Add* | *65.71* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *26.81* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *59.58* | |
| | | *For Each Additional Top Copes >2, Add* | *2.37* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-95.10* | |
| | | *For Skewed Or Sloped Connections, Add* | *35.75* | |
| 05 12 23 00-0248 | LF | W21 x 122 A992/A36 Structural Beam Or Girder | 278.91 | 56.29 |
| | | *For Hot Dip Galvanizing, Add* | *60.74* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *25.10* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *55.78* | |
| | | *For Each Additional Top Copes >2, Add* | *2.19* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-88.61* | |
| | | *For Skewed Or Sloped Connections, Add* | *33.47* | |
| 05 12 23 00-0249 | LF | W21 x 111 A992/A36 Structural Beam Or Girder | 257.26 | 54.49 |
| | | *For Hot Dip Galvanizing, Add* | *55.26* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *23.15* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *51.45* | |
| | | *For Each Additional Top Copes >2, Add* | *1.99* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-81.32* | |
| | | *For Skewed Or Sloped Connections, Add* | *30.87* | |
| 05 12 23 00-0250 | LF | W21 x 101 A992/A36 Structural Beam Or Girder | 237.45 | 52.75 |
| | | *For Hot Dip Galvanizing, Add* | *50.28* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *21.37* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *47.49* | |
| | | *For Each Additional Top Copes >2, Add* | *1.81* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-74.67* | |
| | | *For Skewed Or Sloped Connections, Add* | *28.49* | |
| 05 12 23 00-0251 | LF | W21 x 93 A992/A36 Structural Beam Or Girder | 230.71 | 59.86 |
| | | *For Hot Dip Galvanizing, Add* | *46.30* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *20.76* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *46.14* | |
| | | *For Each Additional Top Copes >2, Add* | *1.67* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-71.17* | |
| | | *For Skewed Or Sloped Connections, Add* | *27.69* | |
| 05 12 23 00-0252 | LF | W21 x 83 A992/A36 Structural Beam Or Girder | 217.55 | 59.19 |
| | | *For Hot Dip Galvanizing, Add* | *42.83* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *19.58* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *43.51* | |
| | | *For Each Additional Top Copes >2, Add* | *1.54* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-66.66* | |
| | | *For Skewed Or Sloped Connections, Add* | *26.11* | |
| 05 12 23 00-0253 | LF | W21 x 73 A992/A36 Structural Beam Or Girder | 201.36 | 58.75 |
| | | *For Hot Dip Galvanizing, Add* | *38.49* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *18.12* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *40.27* | |
| | | *For Each Additional Top Copes >2, Add* | *1.39* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-61.08* | |
| | | *For Skewed Or Sloped Connections, Add* | *24.16* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0254 | LF | W21 x 68 A992/A36 Structural Beam Or Girder | 193.21 | 58.41 |
| | | *For Hot Dip Galvanizing, Add* | *36.32* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.39* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *38.64* | |
| | | *For Each Additional Top Copes >2, Add* | *1.31* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-58.28* | |
| | | *For Skewed Or Sloped Connections, Add* | *23.19* | |
| 05 12 23 00-0255 | LF | W21 x 62 A992/A36 Structural Beam Or Girder | 185.85 | 58.08 |
| | | *For Hot Dip Galvanizing, Add* | *34.37* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.73* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *37.17* | |
| | | *For Each Additional Top Copes >2, Add* | *1.24* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-55.75* | |
| | | *For Skewed Or Sloped Connections, Add* | *22.30* | |
| 05 12 23 00-0256 | LF | W21 x 57 A992/A36 Structural Beam Or Girder | 179.17 | 57.97 |
| | | *For Hot Dip Galvanizing, Add* | *32.58* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.13* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *35.83* | |
| | | *For Each Additional Top Copes >2, Add* | *1.17* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-53.45* | |
| | | *For Skewed Or Sloped Connections, Add* | *21.50* | |
| 05 12 23 00-0257 | LF | W21 x 50 A992/A36 Structural Beam Or Girder | 159.04 | 50.28 |
| | | *For Hot Dip Galvanizing, Add* | *29.22* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.31* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *31.81* | |
| | | *For Each Additional Top Copes >2, Add* | *1.05* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-47.60* | |
| | | *For Skewed Or Sloped Connections, Add* | *19.08* | |
| 05 12 23 00-0258 | LF | W21 x 44 A992/A36 Structural Beam Or Girder | 151.28 | 50.05 |
| | | *For Hot Dip Galvanizing, Add* | *27.16* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.62* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *30.26* | |
| | | *For Each Additional Top Copes >2, Add* | *0.98* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-44.94* | |
| | | *For Skewed Or Sloped Connections, Add* | *18.15* | |
| 05 12 23 00-0259 | LF | W18 x 119 A992/A36 Structural Beam Or Girder | 270.99 | 56.10 |
| | | *For Hot Dip Galvanizing, Add* | *58.59* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *24.39* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *54.20* | |
| | | *For Each Additional Top Copes >2, Add* | *2.11* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-85.87* | |
| | | *For Skewed Or Sloped Connections, Add* | *32.52* | |
| 05 12 23 00-0260 | LF | W18 x 106 A992/A36 Structural Beam Or Girder | 244.79 | 53.17 |
| | | *For Hot Dip Galvanizing, Add* | *52.19* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *22.03* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *48.96* | |
| | | *For Each Additional Top Copes >2, Add* | *1.88* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-77.17* | |
| | | *For Skewed Or Sloped Connections, Add* | *29.37* | |
| 05 12 23 00-0261 | LF | W18 x 97 A992/A36 Structural Beam Or Girder | 236.11 | 59.86 |
| | | *For Hot Dip Galvanizing, Add* | *47.76* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *21.25* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *47.22* | |
| | | *For Each Additional Top Copes >2, Add* | *1.72* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-73.04* | |
| | | *For Skewed Or Sloped Connections, Add* | *28.33* | |
| 05 12 23 00-0262 | LF | W18 x 86 A992/A36 Structural Beam Or Girder | 220.97 | 59.31 |
| | | *For Hot Dip Galvanizing, Add* | *43.75* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *19.89* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *44.19* | |
| | | *For Each Additional Top Copes >2, Add* | *1.58* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-67.84* | |
| | | *For Skewed Or Sloped Connections, Add* | *26.52* | |
| 05 12 23 00-0263 | LF | W18 x 76 A992/A36 Structural Beam Or Girder | 207.33 | 58.75 |
| | | *For Hot Dip Galvanizing, Add* | *40.12* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *18.66* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *41.47* | |
| | | *For Each Additional Top Copes >2, Add* | *1.45* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-63.15* | |
| | | *For Skewed Or Sloped Connections, Add* | *24.88* | |
| 05 12 23 00-0264 | LF | W18 x 71 A992/A36 Structural Beam Or Girder | 197.34 | 58.64 |
| | | *For Hot Dip Galvanizing, Add* | *37.41* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.76* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *39.47* | |
| | | *For Each Additional Top Copes >2, Add* | *1.35* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-59.69* | |
| | | *For Skewed Or Sloped Connections, Add* | *23.68* | |
| 05 12 23 00-0265 | LF | W18 x 65 A992/A36 Structural Beam Or Girder | 187.63 | 58.41 |
| | | *For Hot Dip Galvanizing, Add* | *34.80* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.89* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *37.53* | |
| | | *For Each Additional Top Copes >2, Add* | *1.25* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-56.34* | |
| | | *For Skewed Or Sloped Connections, Add* | *22.52* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0266 | LF | W18 x 60 A992/A36 Structural Beam Or Girder | 178.88 | 57.97 |
| | | *For Hot Dip Galvanizing, Add* | *32.47* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.10* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *35.78* | |
| | | *For Each Additional Top Copes >2, Add* | *1.17* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-53.33* | |
| | | *For Skewed Or Sloped Connections, Add* | *21.47* | |
| 05 12 23 00-0267 | LF | W18 x 55 A992/A36 Structural Beam Or Girder | 170.08 | 57.86 |
| | | *For Hot Dip Galvanizing, Add* | *30.09* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.31* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *34.02* | |
| | | *For Each Additional Top Copes >2, Add* | *1.08* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-50.28* | |
| | | *For Skewed Or Sloped Connections, Add* | *20.41* | |
| 05 12 23 00-0268 | LF | W18 x 50 A992/A36 Structural Beam Or Girder | 153.57 | 50.28 |
| | | *For Hot Dip Galvanizing, Add* | *27.70* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.82* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *30.71* | |
| | | *For Each Additional Top Copes >2, Add* | *1.00* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-45.69* | |
| | | *For Skewed Or Sloped Connections, Add* | *18.43* | |
| 05 12 23 00-0269 | LF | W18 x 46 A992/A36 Structural Beam Or Girder | 146.70 | 50.16 |
| | | *For Hot Dip Galvanizing, Add* | *25.86* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.20* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *29.34* | |
| | | *For Each Additional Top Copes >2, Add* | *0.93* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-43.32* | |
| | | *For Skewed Or Sloped Connections, Add* | *17.60* | |
| 05 12 23 00-0270 | LF | W18 x 40 A992/A36 Structural Beam Or Girder | 128.54 | 42.81 |
| | | *For Hot Dip Galvanizing, Add* | *22.99* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.57* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *25.71* | |
| | | *For Each Additional Top Copes >2, Add* | *0.83* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-38.13* | |
| | | *For Skewed Or Sloped Connections, Add* | *15.42* | |
| 05 12 23 00-0271 | LF | W18 x 35 A992/A36 Structural Beam Or Girder | 119.92 | 42.70 |
| | | *For Hot Dip Galvanizing, Add* | *20.65* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.79* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *23.98* | |
| | | *For Each Additional Top Copes >2, Add* | *0.74* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-35.15* | |
| | | *For Skewed Or Sloped Connections, Add* | *14.39* | |
| 05 12 23 00-0272 | LF | W16 x 100 A992/A36 Structural Beam Or Girder | 226.48 | 38.90 |
| | | *For Hot Dip Galvanizing, Add* | *51.34* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *20.38* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *45.30* | |
| | | *For Each Additional Top Copes >2, Add* | *1.85* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-73.05* | |
| | | *For Skewed Or Sloped Connections, Add* | *27.18* | |
| 05 12 23 00-0273 | LF | W16 x 89 A992/A36 Structural Beam Or Girder | 207.05 | 38.23 |
| | | *For Hot Dip Galvanizing, Add* | *46.13* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *18.63* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *41.41* | |
| | | *For Each Additional Top Copes >2, Add* | *1.66* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-66.35* | |
| | | *For Skewed Or Sloped Connections, Add* | *24.85* | |
| 05 12 23 00-0274 | LF | W16 x 77 A992/A36 Structural Beam Or Girder | 186.18 | 37.80 |
| | | *For Hot Dip Galvanizing, Add* | *40.50* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.76* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *37.24* | |
| | | *For Each Additional Top Copes >2, Add* | *1.46* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-59.13* | |
| | | *For Skewed Or Sloped Connections, Add* | *22.34* | |
| 05 12 23 00-0275 | LF | W16 x 67 A992/A36 Structural Beam Or Girder | 168.42 | 37.24 |
| | | *For Hot Dip Galvanizing, Add* | *35.73* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.16* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *33.68* | |
| | | *For Each Additional Top Copes >2, Add* | *1.29* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-53.00* | |
| | | *For Skewed Or Sloped Connections, Add* | *20.21* | |
| 05 12 23 00-0276 | LF | W16 x 57 A992/A36 Structural Beam Or Girder | 150.87 | 36.68 |
| | | *For Hot Dip Galvanizing, Add* | *31.01* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.58* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *30.17* | |
| | | *For Each Additional Top Copes >2, Add* | *1.12* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-46.94* | |
| | | *For Skewed Or Sloped Connections, Add* | *18.10* | |
| 05 12 23 00-0277 | LF | W16 x 50 A992/A36 Structural Beam Or Girder | 138.62 | 36.34 |
| | | *For Hot Dip Galvanizing, Add* | *27.70* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.48* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *27.72* | |
| | | *For Each Additional Top Copes >2, Add* | *1.00* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-42.70* | |
| | | *For Skewed Or Sloped Connections, Add* | *16.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0278 | LF | W16 x 45 A992/A36 Structural Beam Or Girder | 130.00 | 36.12 |
| | | *For Hot Dip Galvanizing, Add* | *25.37* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.70* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *26.00* | |
| | | *For Each Additional Top Copes >2, Add* | *0.91* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-39.71* | |
| | | *For Skewed Or Sloped Connections, Add* | *15.60* | |
| 05 12 23 00-0279 | LF | W16 x 40 A992/A36 Structural Beam Or Girder | 121.06 | 35.79 |
| | | *For Hot Dip Galvanizing, Add* | *22.99* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.90* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *24.21* | |
| | | *For Each Additional Top Copes >2, Add* | *0.83* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-36.64* | |
| | | *For Skewed Or Sloped Connections, Add* | *14.53* | |
| 05 12 23 00-0280 | LF | W16 x 36 A992/A36 Structural Beam Or Girder | 114.09 | 35.56 |
| | | *For Hot Dip Galvanizing, Add* | *21.14* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.27* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *22.82* | |
| | | *For Each Additional Top Copes >2, Add* | *0.76* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-34.25* | |
| | | *For Skewed Or Sloped Connections, Add* | *13.69* | |
| 05 12 23 00-0281 | LF | W16 x 31 A992/A36 Structural Beam Or Girder | 97.81 | 28.32 |
| | | *For Hot Dip Galvanizing, Add* | *18.76* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.80* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *19.56* | |
| | | *For Each Additional Top Copes >2, Add* | *0.68* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-29.70* | |
| | | *For Skewed Or Sloped Connections, Add* | *11.74* | |
| 05 12 23 00-0282 | LF | W16 x 26 A992/A36 Structural Beam Or Girder | 86.55 | 27.98 |
| | | *For Hot Dip Galvanizing, Add* | *15.73* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.79* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *17.31* | |
| | | *For Each Additional Top Copes >2, Add* | *0.57* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-25.81* | |
| | | *For Skewed Or Sloped Connections, Add* | *10.39* | |
| 05 12 23 00-0283 | LF | W14 x 99 A992/A36 Structural Beam Or Girder | 217.25 | 31.88 |
| | | *For Hot Dip Galvanizing, Add* | *50.85* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *19.55* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *43.45* | |
| | | *For Each Additional Top Copes >2, Add* | *1.83* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-70.94* | |
| | | *For Skewed Or Sloped Connections, Add* | *26.07* | |
| 05 12 23 00-0284 | LF | W14 x 90 A992/A36 Structural Beam Or Girder | 201.45 | 31.32 |
| | | *For Hot Dip Galvanizing, Add* | *46.62* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *18.13* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *40.29* | |
| | | *For Each Additional Top Copes >2, Add* | *1.68* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-65.49* | |
| | | *For Skewed Or Sloped Connections, Add* | *24.17* | |
| 05 12 23 00-0285 | LF | W14 x 82 A992/A36 Structural Beam Or Girder | 187.34 | 30.99 |
| | | *For Hot Dip Galvanizing, Add* | *42.83* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.86* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *37.47* | |
| | | *For Each Additional Top Copes >2, Add* | *1.54* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-60.62* | |
| | | *For Skewed Or Sloped Connections, Add* | *22.48* | |
| 05 12 23 00-0286 | LF | W14 x 74 A992/A36 Structural Beam Or Girder | 173.22 | 30.54 |
| | | *For Hot Dip Galvanizing, Add* | *39.03* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.59* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *34.64* | |
| | | *For Each Additional Top Copes >2, Add* | *1.41* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-55.74* | |
| | | *For Skewed Or Sloped Connections, Add* | *20.79* | |
| 05 12 23 00-0287 | LF | W14 x 68 A992/A36 Structural Beam Or Girder | 162.71 | 30.21 |
| | | *For Hot Dip Galvanizing, Add* | *36.21* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.64* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *32.54* | |
| | | *For Each Additional Top Copes >2, Add* | *1.31* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-52.12* | |
| | | *For Skewed Or Sloped Connections, Add* | *19.53* | |
| 05 12 23 00-0288 | LF | W14 x 61 A992/A36 Structural Beam Or Girder | 150.47 | 29.87 |
| | | *For Hot Dip Galvanizing, Add* | *32.91* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.54* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *30.09* | |
| | | *For Each Additional Top Copes >2, Add* | *1.19* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-47.88* | |
| | | *For Skewed Or Sloped Connections, Add* | *18.06* | |
| 05 12 23 00-0289 | LF | W14 x 53 A992/A36 Structural Beam Or Girder | 136.54 | 29.43 |
| | | *For Hot Dip Galvanizing, Add* | *29.17* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.29* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *27.31* | |
| | | *For Each Additional Top Copes >2, Add* | *1.05* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-43.07* | |
| | | *For Skewed Or Sloped Connections, Add* | *16.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0290 | LF | W14 x 48 A992/A36 Structural Beam Or Girder | 127.61 | 29.10 |
| | | *For Hot Dip Galvanizing, Add* | *26.78* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.48* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *25.52* | |
| | | *For Each Additional Top Copes >2, Add* | *0.97* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-40.00* | |
| | | *For Skewed Or Sloped Connections, Add* | *15.31* | |
| 05 12 23 00-0291 | LF | W14 x 43 A992/A36 Structural Beam Or Girder | 118.79 | 28.99 |
| | | *For Hot Dip Galvanizing, Add* | *24.40* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.69* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *23.76* | |
| | | *For Each Additional Top Copes >2, Add* | *0.88* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-36.94* | |
| | | *For Skewed Or Sloped Connections, Add* | *14.25* | |
| 05 12 23 00-0292 | LF | W14 x 38 A992/A36 Structural Beam Or Girder | 110.05 | 28.77 |
| | | *For Hot Dip Galvanizing, Add* | *22.06* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.90* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *22.01* | |
| | | *For Each Additional Top Copes >2, Add* | *0.80* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-33.94* | |
| | | *For Skewed Or Sloped Connections, Add* | *13.21* | |
| 05 12 23 00-0293 | LF | W14 x 34 A992/A36 Structural Beam Or Girder | 103.00 | 28.43 |
| | | *For Hot Dip Galvanizing, Add* | *20.17* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.27* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *20.60* | |
| | | *For Each Additional Top Copes >2, Add* | *0.73* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-31.50* | |
| | | *For Skewed Or Sloped Connections, Add* | *12.36* | |
| 05 12 23 00-0294 | LF | W14 x 30 A992/A36 Structural Beam Or Girder | 95.93 | 28.32 |
| | | *For Hot Dip Galvanizing, Add* | *18.27* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.63* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *19.19* | |
| | | *For Each Additional Top Copes >2, Add* | *0.66* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-29.06* | |
| | | *For Skewed Or Sloped Connections, Add* | *11.51* | |
| 05 12 23 00-0295 | LF | W14 x 26 A992/A36 Structural Beam Or Girder | 88.87 | 27.98 |
| | | *For Hot Dip Galvanizing, Add* | *16.37* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.00* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *17.77* | |
| | | *For Each Additional Top Copes >2, Add* | *0.59* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-26.62* | |
| | | *For Skewed Or Sloped Connections, Add* | *10.66* | |
| 05 12 23 00-0296 | LF | W14 x 22 A992/A36 Structural Beam Or Girder | 82.01 | 27.87 |
| | | *For Hot Dip Galvanizing, Add* | *14.53* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.38* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *16.40* | |
| | | *For Each Additional Top Copes >2, Add* | *0.52* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-24.26* | |
| | | *For Skewed Or Sloped Connections, Add* | *9.84* | |
| 05 12 23 00-0297 | LF | W12 x 87 A992/A36 Structural Beam Or Girder | 196.26 | 31.21 |
| | | *For Hot Dip Galvanizing, Add* | *45.21* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.66* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *39.25* | |
| | | *For Each Additional Top Copes >2, Add* | *1.63* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-63.69* | |
| | | *For Skewed Or Sloped Connections, Add* | *23.55* | |
| 05 12 23 00-0298 | LF | W12 x 79 A992/A36 Structural Beam Or Girder | 182.14 | 30.76 |
| | | *For Hot Dip Galvanizing, Add* | *41.42* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.39* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *36.43* | |
| | | *For Each Additional Top Copes >2, Add* | *1.49* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-58.82* | |
| | | *For Skewed Or Sloped Connections, Add* | *21.86* | |
| 05 12 23 00-0299 | LF | W12 x 72 A992/A36 Structural Beam Or Girder | 169.78 | 30.43 |
| | | *For Hot Dip Galvanizing, Add* | *38.11* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.28* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *33.96* | |
| | | *For Each Additional Top Copes >2, Add* | *1.37* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-54.56* | |
| | | *For Skewed Or Sloped Connections, Add* | *20.37* | |
| 05 12 23 00-0300 | LF | W12 x 65 A992/A36 Structural Beam Or Girder | 157.52 | 30.09 |
| | | *For Hot Dip Galvanizing, Add* | *34.80* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.18* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *31.50* | |
| | | *For Each Additional Top Copes >2, Add* | *1.25* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-50.32* | |
| | | *For Skewed Or Sloped Connections, Add* | *18.90* | |
| 05 12 23 00-0301 | LF | W12 x 58 A992/A36 Structural Beam Or Girder | 145.17 | 29.65 |
| | | *For Hot Dip Galvanizing, Add* | *31.50* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.07* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *29.03* | |
| | | *For Each Additional Top Copes >2, Add* | *1.14* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-46.06* | |
| | | *For Skewed Or Sloped Connections, Add* | *17.42* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0302 | LF | W12 x 53 A992/A36 Structural Beam Or Girder | 136.54 | 29.43 |
| | | *For Hot Dip Galvanizing, Add* | *29.17* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.29* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *27.31* | |
| | | *For Each Additional Top Copes >2, Add* | *1.05* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-43.07* | |
| | | *For Skewed Or Sloped Connections, Add* | *16.38* | |
| 05 12 23 00-0303 | LF | W12 x 50 A992/A36 Structural Beam Or Girder | 131.04 | 29.32 |
| | | *For Hot Dip Galvanizing, Add* | *27.70* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.79* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *26.21* | |
| | | *For Each Additional Top Copes >2, Add* | *1.00* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-41.18* | |
| | | *For Skewed Or Sloped Connections, Add* | *15.72* | |
| 05 12 23 00-0304 | LF | W12 x 45 A992/A36 Structural Beam Or Girder | 122.42 | 29.10 |
| | | *For Hot Dip Galvanizing, Add* | *25.37* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.02* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *24.48* | |
| | | *For Each Additional Top Copes >2, Add* | *0.91* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-38.20* | |
| | | *For Skewed Or Sloped Connections, Add* | *14.69* | |
| 05 12 23 00-0305 | LF | W12 x 40 A992/A36 Structural Beam Or Girder | 105.90 | 21.62 |
| | | *For Hot Dip Galvanizing, Add* | *22.99* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.53* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *21.18* | |
| | | *For Each Additional Top Copes >2, Add* | *0.83* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-33.60* | |
| | | *For Skewed Or Sloped Connections, Add* | *12.71* | |
| 05 12 23 00-0306 | LF | W12 x 35 A992/A36 Structural Beam Or Girder | 97.28 | 21.51 |
| | | *For Hot Dip Galvanizing, Add* | *20.65* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.76* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *19.46* | |
| | | *For Each Additional Top Copes >2, Add* | *0.74* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-30.62* | |
| | | *For Skewed Or Sloped Connections, Add* | *11.67* | |
| 05 12 23 00-0307 | LF | W12 x 30 A992/A36 Structural Beam Or Girder | 88.35 | 21.18 |
| | | *For Hot Dip Galvanizing, Add* | *18.27* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.95* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *17.67* | |
| | | *For Each Additional Top Copes >2, Add* | *0.66* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-27.55* | |
| | | *For Skewed Or Sloped Connections, Add* | *10.60* | |
| 05 12 23 00-0308 | LF | W12 x 26 A992/A36 Structural Beam Or Girder | 81.29 | 20.96 |
| | | *For Hot Dip Galvanizing, Add* | *16.37* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.32* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *16.26* | |
| | | *For Each Additional Top Copes >2, Add* | *0.59* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-25.11* | |
| | | *For Skewed Or Sloped Connections, Add* | *9.75* | |
| 05 12 23 00-0309 | LF | W12 x 22 A992/A36 Structural Beam Or Girder | 74.43 | 20.74 |
| | | *For Hot Dip Galvanizing, Add* | *14.53* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.70* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *14.89* | |
| | | *For Each Additional Top Copes >2, Add* | *0.52* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-22.74* | |
| | | *For Skewed Or Sloped Connections, Add* | *8.93* | |
| 05 12 23 00-0310 | LF | W12 x 19 A992/A36 Structural Beam Or Girder | 69.04 | 20.63 |
| | | *For Hot Dip Galvanizing, Add* | *13.06* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.21* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *13.81* | |
| | | *For Each Additional Top Copes >2, Add* | *0.47* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-20.87* | |
| | | *For Skewed Or Sloped Connections, Add* | *8.28* | |
| 05 12 23 00-0311 | LF | W12 x 16 A992/A36 Structural Beam Or Girder | 63.73 | 20.29 |
| | | *For Hot Dip Galvanizing, Add* | *11.66* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.74* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *12.75* | |
| | | *For Each Additional Top Copes >2, Add* | *0.42* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-19.05* | |
| | | *For Skewed Or Sloped Connections, Add* | *7.65* | |
| 05 12 23 00-0312 | LF | W12 x 14 A992/A36 Structural Beam Or Girder | 60.30 | 20.29 |
| | | *For Hot Dip Galvanizing, Add* | *10.73* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.43* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *12.06* | |
| | | *For Each Additional Top Copes >2, Add* | *0.39* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-17.86* | |
| | | *For Skewed Or Sloped Connections, Add* | *7.24* | |
| 05 12 23 00-0313 | LF | W10 x 68 A992/A36 Structural Beam Or Girder | 155.64 | 23.30 |
| | | *For Hot Dip Galvanizing, Add* | *36.32* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.01* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *31.13* | |
| | | *For Each Additional Top Copes >2, Add* | *1.31* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-50.76* | |
| | | *For Skewed Or Sloped Connections, Add* | *18.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0314 | LF | W10 x 60 A992/A36 Structural Beam Or Girder | 141.71 | 22.85 |
| | | *For Hot Dip Galvanizing, Add* | *32.58* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.75* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *28.34* | |
| | | *For Each Additional Top Copes >2, Add* | *1.17* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-45.95* | |
| | | *For Skewed Or Sloped Connections, Add* | *17.01* | |
| 05 12 23 00-0315 | LF | W10 x 54 A992/A36 Structural Beam Or Girder | 131.03 | 22.40 |
| | | *For Hot Dip Galvanizing, Add* | *29.71* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.79* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *26.21* | |
| | | *For Each Additional Top Copes >2, Add* | *1.07* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-42.27* | |
| | | *For Skewed Or Sloped Connections, Add* | *15.72* | |
| 05 12 23 00-0316 | LF | W10 x 49 A992/A36 Structural Beam Or Girder | 122.29 | 22.18 |
| | | *For Hot Dip Galvanizing, Add* | *27.38* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.01* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *24.46* | |
| | | *For Each Additional Top Copes >2, Add* | *0.99* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-39.26* | |
| | | *For Skewed Or Sloped Connections, Add* | *14.67* | |
| 05 12 23 00-0317 | LF | W10 x 45 A992/A36 Structural Beam Or Girder | 115.23 | 22.07 |
| | | *For Hot Dip Galvanizing, Add* | *25.48* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.37* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *23.05* | |
| | | *For Each Additional Top Copes >2, Add* | *0.92* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-36.82* | |
| | | *For Skewed Or Sloped Connections, Add* | *13.83* | |
| 05 12 23 00-0318 | LF | W10 x 39 A992/A36 Structural Beam Or Girder | 104.73 | 21.62 |
| | | *For Hot Dip Galvanizing, Add* | *22.66* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.43* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *20.95* | |
| | | *For Each Additional Top Copes >2, Add* | *0.82* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-33.20* | |
| | | *For Skewed Or Sloped Connections, Add* | *12.57* | |
| 05 12 23 00-0319 | LF | W10 x 33 A992/A36 Structural Beam Or Girder | 94.24 | 21.29 |
| | | *For Hot Dip Galvanizing, Add* | *19.84* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.48* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *18.85* | |
| | | *For Each Additional Top Copes >2, Add* | *0.72* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-29.57* | |
| | | *For Skewed Or Sloped Connections, Add* | *11.31* | |
| 05 12 23 00-0320 | LF | W10 x 30 A992/A36 Structural Beam Or Girder | 88.86 | 21.18 |
| | | *For Hot Dip Galvanizing, Add* | *18.38* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.00* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *17.77* | |
| | | *For Each Additional Top Copes >2, Add* | *0.66* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-27.71* | |
| | | *For Skewed Or Sloped Connections, Add* | *10.66* | |
| 05 12 23 00-0321 | LF | W10 x 26 A992/A36 Structural Beam Or Girder | 81.99 | 21.07 |
| | | *For Hot Dip Galvanizing, Add* | *16.54* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.38* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *16.40* | |
| | | *For Each Additional Top Copes >2, Add* | *0.60* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-25.34* | |
| | | *For Skewed Or Sloped Connections, Add* | *9.84* | |
| 05 12 23 00-0322 | LF | W10 x 22 A992/A36 Structural Beam Or Girder | 74.82 | 20.74 |
| | | *For Hot Dip Galvanizing, Add* | *14.64* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.73* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *14.96* | |
| | | *For Each Additional Top Copes >2, Add* | *0.53* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-22.88* | |
| | | *For Skewed Or Sloped Connections, Add* | *8.98* | |
| 05 12 23 00-0323 | LF | W10 x 19 A992/A36 Structural Beam Or Girder | 69.63 | 20.63 |
| | | *For Hot Dip Galvanizing, Add* | *13.23* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.27* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *13.93* | |
| | | *For Each Additional Top Copes >2, Add* | *0.48* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-21.08* | |
| | | *For Skewed Or Sloped Connections, Add* | *8.36* | |
| 05 12 23 00-0324 | LF | W10 x 17 A992/A36 Structural Beam Or Girder | 66.00 | 20.52 |
| | | *For Hot Dip Galvanizing, Add* | *12.25* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.94* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *13.20* | |
| | | *For Each Additional Top Copes >2, Add* | *0.44* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-19.82* | |
| | | *For Skewed Or Sloped Connections, Add* | *7.92* | |
| 05 12 23 00-0325 | LF | W10 x 15 A992/A36 Structural Beam Or Girder | 62.56 | 20.29 |
| | | *For Hot Dip Galvanizing, Add* | *11.33* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.63* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *12.51* | |
| | | *For Each Additional Top Copes >2, Add* | *0.41* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-18.64* | |
| | | *For Skewed Or Sloped Connections, Add* | *7.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0326 | LF | W10 x 12 A992/A36 Structural Beam Or Girder | 57.37 | 20.29 |
| | | *For Hot Dip Galvanizing, Add* | *9.92* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.16* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *11.47* | |
| | | *For Each Additional Top Copes >2, Add* | *0.36* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-16.84* | |
| | | *For Skewed Or Sloped Connections, Add* | *6.88* | |
| 05 12 23 00-0327 | LF | W8 x 35 A992/A36 Structural Beam Or Girder | 97.67 | 21.51 |
| | | *For Hot Dip Galvanizing, Add* | *20.76* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.79* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *19.53* | |
| | | *For Each Additional Top Copes >2, Add* | *0.75* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-30.76* | |
| | | *For Skewed Or Sloped Connections, Add* | *11.72* | |
| 05 12 23 00-0328 | LF | W8 x 31 A992/A36 Structural Beam Or Girder | 90.62 | 21.18 |
| | | *For Hot Dip Galvanizing, Add* | *18.87* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.16* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *18.12* | |
| | | *For Each Additional Top Copes >2, Add* | *0.68* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-28.32* | |
| | | *For Skewed Or Sloped Connections, Add* | *10.87* | |
| 05 12 23 00-0329 | LF | W8 x 28 A992/A36 Structural Beam Or Girder | 75.24 | 19.96 |
| | | *For Hot Dip Galvanizing, Add* | *14.97* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.77* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *15.05* | |
| | | *For Each Additional Top Copes >2, Add* | *0.54* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-23.14* | |
| | | *For Skewed Or Sloped Connections, Add* | *9.03* | |
| 05 12 23 00-0330 | LF | W8 x 24 A992/A36 Structural Beam Or Girder | 68.57 | 18.73 |
| | | *For Hot Dip Galvanizing, Add* | *13.49* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.17* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *13.71* | |
| | | *For Each Additional Top Copes >2, Add* | *0.49* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-21.01* | |
| | | *For Skewed Or Sloped Connections, Add* | *8.23* | |
| 05 12 23 00-0331 | LF | W8 x 21 A992/A36 Structural Beam Or Girder | 63.80 | 17.39 |
| | | *For Hot Dip Galvanizing, Add* | *12.54* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.74* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *12.76* | |
| | | *For Each Additional Top Copes >2, Add* | *0.45* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-19.54* | |
| | | *For Skewed Or Sloped Connections, Add* | *7.66* | |
| 05 12 23 00-0332 | LF | W8 x 18 A992/A36 Structural Beam Or Girder | 55.75 | 16.16 |
| | | *For Hot Dip Galvanizing, Add* | *10.68* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.02* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *11.15* | |
| | | *For Each Additional Top Copes >2, Add* | *0.38* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-16.92* | |
| | | *For Skewed Or Sloped Connections, Add* | *6.69* | |
| 05 12 23 00-0333 | LF | W8 x 10 A992/A36 Structural Beam Or Girder | 36.22 | 11.60 |
| | | *For Hot Dip Galvanizing, Add* | *6.65* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *3.26* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *7.24* | |
| | | *For Each Additional Top Copes >2, Add* | *0.24* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-10.84* | |
| | | *For Skewed Or Sloped Connections, Add* | *4.35* | |
| 05 12 23 00-0334 | LF | W6 x 9 A992/A36 Structural Beam Or Girder | 33.67 | 9.48 |
| | | *For Hot Dip Galvanizing, Add* | *6.56* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *3.03* | |
| | | *For High Strength Low Alloy A588 Steel, Add* | *6.73* | |
| | | *For Each Additional Top Copes >2, Add* | *0.24* | |
| | | *For Structural Tees, WT, MT Or ST, Deduct* | *-10.28* | |
| | | *For Skewed Or Sloped Connections, Add* | *4.04* | |

### 05 12 23 00-0335 A992/A36 Structural Steel, M Shapes *(05 12 23 00-0117)*

Note: Includes material delivery and erection.

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0336 | LF | M14 x 18 A992/A36 Structural Steel | 64.95 | 14.78 |
| | | *For Hot Dip Galvanizing, Add* | *13.65* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.85* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *12.99* | |
| 05 12 23 00-0337 | LF | M12 x 11.8 A992/A36 Structural Steel | 46.19 | 13.07 |
| | | *For Hot Dip Galvanizing, Add* | *8.95* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.16* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *9.24* | |
| 05 12 23 00-0338 | LF | M10 x 9 A992/A36 Structural Steel | 35.78 | 10.50 |
| | | *For Hot Dip Galvanizing, Add* | *6.83* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *3.22* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *7.16* | |
| 05 12 23 00-0339 | LF | M8 x 6.5 A992/A36 Structural Steel | 25.85 | 7.58 |
| | | *For Hot Dip Galvanizing, Add* | *4.93* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *2.33* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *5.17* | |
| 05 12 23 00-0340 | LF | M6 x 20 A992/A36 Structural Steel | 73.62 | 17.95 |
| | | *For Hot Dip Galvanizing, Add* | *15.17* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.63* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *14.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0341 | LF | M6 x 4.4 A992/A36 Structural Steel | 17.48 | 5.12 |
| | | *For Hot Dip Galvanizing, Add* | *3.33* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *1.57* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *3.50* | |
| 05 12 23 00-0342 | LF | M5 x 18.9 A992/A36 Structural Steel | 70.75 | 17.95 |
| | | *For Hot Dip Galvanizing, Add* | *14.31* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.37* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *14.15* | |
| 05 12 23 00-0343 | LF | M4 x 13 A992/A36 Structural Steel | 57.61 | 17.61 |
| | | *For Hot Dip Galvanizing, Add* | *10.79* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.18* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *11.52* | |

## 05 12 23 00-0344 A992/A36 Structural Steel, S Shapes *(05 12 23 00-0117)*

Note: Includes material delivery and erection.

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0345 | LF | S24 x 121 A992/A36 Structural Steel | 393.09 | 74.87 |
| | | *For Hot Dip Galvanizing, Add* | *86.93* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *35.38* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *78.62* | |
| 05 12 23 00-0346 | LF | S24 x 106 A992/A36 Structural Steel | 348.04 | 69.04 |
| | | *For Hot Dip Galvanizing, Add* | *76.15* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *31.32* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *69.61* | |
| 05 12 23 00-0347 | LF | S24 x 100 A992/A36 Structural Steel | 332.00 | 68.56 |
| | | *For Hot Dip Galvanizing, Add* | *71.84* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *29.88* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *66.40* | |
| 05 12 23 00-0348 | LF | S24 x 90 A992/A36 Structural Steel | 302.26 | 64.95 |
| | | *For Hot Dip Galvanizing, Add* | *64.66* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *27.20* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *60.45* | |
| 05 12 23 00-0349 | LF | S24 x 80 A992/A36 Structural Steel | 271.91 | 60.78 |
| | | *For Hot Dip Galvanizing, Add* | *57.48* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *24.47* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *54.38* | |
| 05 12 23 00-0350 | LF | S20 x 96 A992/A36 Structural Steel | 318.72 | 65.82 |
| | | *For Hot Dip Galvanizing, Add* | *68.97* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *28.68* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *63.74* | |
| 05 12 23 00-0351 | LF | S20 x 86 A992/A36 Structural Steel | 288.82 | 62.07 |
| | | *For Hot Dip Galvanizing, Add* | *61.79* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *25.99* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *57.76* | |
| 05 12 23 00-0352 | LF | S20 x 75 A992/A36 Structural Steel | 254.91 | 56.98 |
| | | *For Hot Dip Galvanizing, Add* | *53.88* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *22.94* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *50.98* | |
| 05 12 23 00-0353 | LF | S20 x 66 A992/A36 Structural Steel | 227.14 | 52.77 |
| | | *For Hot Dip Galvanizing, Add* | *47.42* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *20.44* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *45.43* | |
| 05 12 23 00-0354 | LF | S18 x 70 A992/A36 Structural Steel | 240.91 | 55.98 |
| | | *For Hot Dip Galvanizing, Add* | *50.29* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *21.68* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *48.18* | |
| 05 12 23 00-0355 | LF | S18 x 54.7 A992/A36 Structural Steel | 190.71 | 46.04 |
| | | *For Hot Dip Galvanizing, Add* | *39.30* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.16* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *38.14* | |
| 05 12 23 00-0356 | LF | S15 x 50 A992/A36 Structural Steel | 176.68 | 44.30 |
| | | *For Hot Dip Galvanizing, Add* | *35.92* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.90* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *35.34* | |
| 05 12 23 00-0357 | LF | S15 x 42.9 A992/A36 Structural Steel | 153.73 | 40.01 |
| | | *For Hot Dip Galvanizing, Add* | *30.82* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *13.84* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *30.75* | |
| 05 12 23 00-0358 | LF | S12 x 50 A992/A36 Structural Steel | 174.32 | 42.09 |
| | | *For Hot Dip Galvanizing, Add* | *35.92* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.69* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *34.86* | |
| 05 12 23 00-0359 | LF | S12 x 40.8 A992/A36 Structural Steel | 144.17 | 36.15 |
| | | *For Hot Dip Galvanizing, Add* | *29.31* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.98* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *28.83* | |
| 05 12 23 00-0360 | LF | S12 x 35 A992/A36 Structural Steel | 125.41 | 32.64 |
| | | *For Hot Dip Galvanizing, Add* | *25.14* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.29* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *25.08* | |
| 05 12 23 00-0361 | LF | S12 x 31.8 A992/A36 Structural Steel | 115.62 | 31.22 |
| | | *For Hot Dip Galvanizing, Add* | *22.85* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *10.41* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *23.12* | |
| 05 12 23 00-0362 | LF | S10 x 35 A992/A36 Structural Steel | 127.25 | 34.37 |
| | | *For Hot Dip Galvanizing, Add* | *25.14* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.45* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *25.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0363 | LF | S10 x 25.4 A992/A36 Structural Steel | 93.75 | 26.25 |
| | | *For Hot Dip Galvanizing, Add* | *18.25* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.44* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *18.75* | |
| 05 12 23 00-0364 | LF | S8 x 23 A992/A36 Structural Steel | 84.89 | 23.77 |
| | | *For Hot Dip Galvanizing, Add* | *16.53* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *7.64* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *16.98* | |
| 05 12 23 00-0365 | LF | S8 x 18.4 A992/A36 Structural Steel | 68.98 | 20.02 |
| | | *For Hot Dip Galvanizing, Add* | *13.22* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.21* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *13.80* | |
| 05 12 23 00-0366 | LF | S7 x 20 A992/A36 Structural Steel | 74.98 | 21.75 |
| | | *For Hot Dip Galvanizing, Add* | *14.37* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *6.75* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *15.00* | |
| 05 12 23 00-0367 | LF | S7 x 15.3 A992/A36 Structural Steel | 58.29 | 17.53 |
| | | *For Hot Dip Galvanizing, Add* | *10.99* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.25* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *11.66* | |
| 05 12 23 00-0368 | LF | S6 x 17.25 A992/A36 Structural Steel | 64.73 | 18.82 |
| | | *For Hot Dip Galvanizing, Add* | *12.39* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.83* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *12.95* | |
| 05 12 23 00-0369 | LF | S6 x 12.5 A992/A36 Structural Steel | 55.25 | 17.39 |
| | | *For Hot Dip Galvanizing, Add* | *10.16* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.97* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *11.05* | |
| 05 12 23 00-0370 | LF | S5 x 14.75 A992/A36 Structural Steel | 59.00 | 17.73 |
| | | *For Hot Dip Galvanizing, Add* | *11.14* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *5.31* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *11.80* | |
| 05 12 23 00-0371 | LF | S5 x 10 A992/A36 Structural Steel | 49.68 | 17.28 |
| | | *For Hot Dip Galvanizing, Add* | *8.65* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.47* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *9.94* | |
| 05 12 23 00-0372 | LF | S4 x 9.5 A992/A36 Structural Steel | 48.23 | 17.28 |
| | | *For Hot Dip Galvanizing, Add* | *8.25* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.34* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *9.65* | |
| 05 12 23 00-0373 | LF | S4 x 7.7 A992/A36 Structural Steel | 44.91 | 17.28 |
| | | *For Hot Dip Galvanizing, Add* | *7.36* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.04* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *8.98* | |
| 05 12 23 00-0374 | LF | S3 x 7.5 A992/A36 Structural Steel | 44.59 | 17.28 |
| | | *For Hot Dip Galvanizing, Add* | *7.27* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *4.01* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *8.92* | |
| 05 12 23 00-0375 | LF | S3 x 5.7 A992/A36 Structural Steel | 40.61 | 17.17 |
| | | *For Hot Dip Galvanizing, Add* | *6.20* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *3.65* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *8.12* | |

## 05 12 23 00-0376 A992/A36 Structural Steel, HP Shapes *(05 12 23 00-0117)*

Note: Includes material delivery and erection.

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0377 | LF | HP14 x 117 A992/A36 Structural Steel | 246.14 | 22.18 |
| | | *For Hot Dip Galvanizing, Add* | *61.74* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *22.15* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *49.23* | |
| 05 12 23 00-0378 | LF | HP14 x 102 A992/A36 Structural Steel | 215.16 | 20.64 |
| | | *For Hot Dip Galvanizing, Add* | *53.60* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *19.36* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *43.03* | |
| 05 12 23 00-0379 | LF | HP14 x 89 A992/A36 Structural Steel | 191.54 | 19.36 |
| | | *For Hot Dip Galvanizing, Add* | *47.42* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *17.24* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *38.31* | |
| 05 12 23 00-0380 | LF | HP14 x 73 A992/A36 Structural Steel | 158.21 | 18.24 |
| | | *For Hot Dip Galvanizing, Add* | *38.51* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.24* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *31.64* | |
| 05 12 23 00-0381 | LF | HP13 x 100 A992/A36 Structural Steel | 210.95 | 20.24 |
| | | *For Hot Dip Galvanizing, Add* | *52.55* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *18.99* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *42.19* | |
| 05 12 23 00-0382 | LF | HP13 x 87 A992/A36 Structural Steel | 187.24 | 18.93 |
| | | *For Hot Dip Galvanizing, Add* | *46.36* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *16.85* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *37.45* | |
| 05 12 23 00-0383 | LF | HP13 x 73 A992/A36 Structural Steel | 158.21 | 18.24 |
| | | *For Hot Dip Galvanizing, Add* | *38.51* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.24* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *31.64* | |
| 05 12 23 00-0384 | LF | HP13 x 60 A992/A36 Structural Steel | 133.70 | 17.49 |
| | | *For Hot Dip Galvanizing, Add* | *31.93* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.03* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *26.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0385 | LF | HP12 x 84 A992/A36 Structural Steel | 176.29 | 19.96 |
| | | *For Hot Dip Galvanizing, Add* | *43.02* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *15.87* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *35.26* | |
| 05 12 23 00-0386 | LF | HP12 x 74 A992/A36 Structural Steel | 155.56 | 18.83 |
| | | *For Hot Dip Galvanizing, Add* | *37.60* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *14.00* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *31.11* | |
| 05 12 23 00-0387 | LF | HP12 x 63 A992/A36 Structural Steel | 133.72 | 17.31 |
| | | *For Hot Dip Galvanizing, Add* | *31.99* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *12.03* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *26.74* | |
| 05 12 23 00-0388 | LF | HP12 x 53 A992/A36 Structural Steel | 122.52 | 16.46 |
| | | *For Hot Dip Galvanizing, Add* | *29.13* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.03* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *24.50* | |
| 05 12 23 00-0389 | LF | HP10 x 57 A992/A36 Structural Steel | 129.13 | 16.89 |
| | | *For Hot Dip Galvanizing, Add* | *30.84* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *11.62* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *25.83* | |
| 05 12 23 00-0390 | LF | HP10 x 42 A992/A36 Structural Steel | 106.11 | 15.83 |
| | | *For Hot Dip Galvanizing, Add* | *24.76* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *9.55* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *21.22* | |
| 05 12 23 00-0391 | LF | HP8 x 36 A992/A36 Structural Steel | 92.07 | 14.92 |
| | | *For Hot Dip Galvanizing, Add* | *21.13* | |
| | | *For High Strength Low Alloy A572-50 Steel, Add* | *8.29* | |
| | | *For High Strength Low Alloy A588 Grade B Steel, Add* | *18.41* | |

## 05 12 23 00-0392 Lightweight Framing Steel Shapes *(05 12 23)*

Note: Includes cutting to length. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.

## 05 12 23 00-0393 Angle Iron - L *(05 12 23 00-0392)*

## 05 12 23 00-0394 1/8" Thick *(05 12 23 00-0393)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0395 | LF | 1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron | 2.63 | 1.51 |
| | | *For >100 To 250, Deduct* | *-0.15* | |
| | | *For >250 To 500, Deduct* | *-0.22* | |
| | | *For >500 To 1,000, Deduct* | *-0.33* | |
| | | *For >1,000, Deduct* | *-0.45* | |
| | | *For Galvanized Steel, Add* | *0.38* | |
| | | *For 304 Stainless Steel, Add* | *1.74* | |
| | | *For High Strength Steel (HSS), Add* | *0.53* | |
| 05 12 23 00-0396 | LF | 3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron | 3.06 | 1.71 |
| | | *For >100 To 250, Deduct* | *-0.17* | |
| | | *For >250 To 500, Deduct* | *-0.25* | |
| | | *For >500 To 1,000, Deduct* | *-0.38* | |
| | | *For >1,000, Deduct* | *-0.52* | |
| | | *For Galvanized Steel, Add* | *0.48* | |
| | | *For 304 Stainless Steel, Add* | *2.19* | |
| | | *For High Strength Steel (HSS), Add* | *0.61* | |
| 05 12 23 00-0397 | LF | 3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron | 3.47 | 1.90 |
| | | *For >100 To 250, Deduct* | *-0.19* | |
| | | *For >250 To 500, Deduct* | *-0.28* | |
| | | *For >500 To 1,000, Deduct* | *-0.43* | |
| | | *For >1,000, Deduct* | *-0.58* | |
| | | *For Galvanized Steel, Add* | *0.59* | |
| | | *For 304 Stainless Steel, Add* | *2.71* | |
| | | *For High Strength Steel (HSS), Add* | *0.69* | |
| 05 12 23 00-0398 | LF | 1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron | 3.90 | 2.11 |
| | | *For >100 To 250, Deduct* | *-0.21* | |
| | | *For >250 To 500, Deduct* | *-0.31* | |
| | | *For >500 To 1,000, Deduct* | *-0.48* | |
| | | *For >1,000, Deduct* | *-0.64* | |
| | | *For Galvanized Steel, Add* | *0.68* | |
| | | *For 304 Stainless Steel, Add* | *3.14* | |
| | | *For High Strength Steel (HSS), Add* | *0.78* | |
| 05 12 23 00-0399 | LF | 1" x 1" x 1/8" Thick, Plain Steel Angle Iron | 4.31 | 2.27 |
| | | *For >100 To 250, Deduct* | *-0.23* | |
| | | *For >250 To 500, Deduct* | *-0.34* | |
| | | *For >500 To 1,000, Deduct* | *-0.52* | |
| | | *For >1,000, Deduct* | *-0.70* | |
| | | *For Galvanized Steel, Add* | *0.79* | |
| | | *For 304 Stainless Steel, Add* | *3.65* | |
| | | *For High Strength Steel (HSS), Add* | *0.86* | |
| 05 12 23 00-0400 | LF | 1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron | 5.19 | 2.67 |
| | | *For >100 To 250, Deduct* | *-0.27* | |
| | | *For >250 To 500, Deduct* | *-0.40* | |
| | | *For >500 To 1,000, Deduct* | *-0.62* | |
| | | *For >1,000, Deduct* | *-0.84* | |
| | | *For Galvanized Steel, Add* | *1.00* | |
| | | *For 304 Stainless Steel, Add* | *4.62* | |
| | | *For High Strength Steel (HSS), Add* | *1.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0401 | LF | 1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron | 5.19 | 2.67 |
| | | *For >100 To 250, Deduct* | *-0.27* | |
| | | *For >250 To 500, Deduct* | *-0.40* | |
| | | *For >500 To 1,000, Deduct* | *-0.62* | |
| | | *For >1,000, Deduct* | *-0.84* | |
| | | *For Galvanized Steel, Add* | *1.00* | |
| | | *For 304 Stainless Steel, Add* | *4.62* | |
| | | *For High Strength Steel (HSS), Add* | *1.04* | |
| 05 12 23 00-0402 | LF | 1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron | 6.22 | 3.20 |
| | | *For >100 To 250, Deduct* | *-0.32* | |
| | | *For >250 To 500, Deduct* | *-0.48* | |
| | | *For >500 To 1,000, Deduct* | *-0.74* | |
| | | *For >1,000, Deduct* | *-1.00* | |
| | | *For Galvanized Steel, Add* | *1.21* | |
| | | *For 304 Stainless Steel, Add* | *5.56* | |
| | | *For High Strength Steel (HSS), Add* | *1.24* | |
| 05 12 23 00-0403 | LF | 2" x 2" x 1/8" Thick, Plain Steel Angle Iron | 8.47 | 4.36 |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.65* | |
| | | *For >500 To 1,000, Deduct* | *-1.00* | |
| | | *For >1,000, Deduct* | *-1.36* | |
| | | *For Galvanized Steel, Add* | *1.65* | |
| | | *For 304 Stainless Steel, Add* | *7.58* | |
| | | *For High Strength Steel (HSS), Add* | *1.69* | |

## 05 12 23 00-0404 3/16" Thick *(05 12 23 00-0393)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0405 | LF | 1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron | 6.15 | 2.82 |
| | | *For >100 To 250, Deduct* | *-0.28* | |
| | | *For >250 To 500, Deduct* | *-0.44* | |
| | | *For >500 To 1,000, Deduct* | *-0.68* | |
| | | *For >1,000, Deduct* | *-0.93* | |
| | | *For Galvanized Steel, Add* | *1.48* | |
| | | *For 304 Stainless Steel, Add* | *6.78* | |
| | | *For High Strength Steel (HSS), Add* | *1.23* | |
| 05 12 23 00-0406 | LF | 1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron | 6.15 | 2.82 |
| | | *For >100 To 250, Deduct* | *-0.28* | |
| | | *For >250 To 500, Deduct* | *-0.44* | |
| | | *For >500 To 1,000, Deduct* | *-0.68* | |
| | | *For >1,000, Deduct* | *-0.93* | |
| | | *For Galvanized Steel, Add* | *1.48* | |
| | | *For 304 Stainless Steel, Add* | *6.78* | |
| | | *For High Strength Steel (HSS), Add* | *1.23* | |
| 05 12 23 00-0407 | LF | 1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron | 6.93 | 3.03 |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.48* | |
| | | *For >500 To 1,000, Deduct* | *-0.75* | |
| | | *For >1,000, Deduct* | *-1.02* | |
| | | *For Galvanized Steel, Add* | *1.79* | |
| | | *For 304 Stainless Steel, Add* | *8.24* | |
| | | *For High Strength Steel (HSS), Add* | *1.39* | |
| 05 12 23 00-0408 | LF | 2" x 2" x 3/16" Thick, Plain Steel Angle Iron | 8.26 | 3.25 |
| | | *For >100 To 250, Deduct* | *-0.32* | |
| | | *For >250 To 500, Deduct* | *-0.53* | |
| | | *For >500 To 1,000, Deduct* | *-0.85* | |
| | | *For >1,000, Deduct* | *-1.16* | |
| | | *For Galvanized Steel, Add* | *2.44* | |
| | | *For 304 Stainless Steel, Add* | *11.20* | |
| | | *For High Strength Steel (HSS), Add* | *1.65* | |
| 05 12 23 00-0409 | LF | 2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron | 9.07 | 3.48 |
| | | *For >100 To 250, Deduct* | *-0.35* | |
| | | *For >250 To 500, Deduct* | *-0.57* | |
| | | *For >500 To 1,000, Deduct* | *-0.92* | |
| | | *For >1,000, Deduct* | *-1.26* | |
| | | *For Galvanized Steel, Add* | *2.75* | |
| | | *For 304 Stainless Steel, Add* | *12.63* | |
| | | *For High Strength Steel (HSS), Add* | *1.81* | |
| 05 12 23 00-0410 | LF | 2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron | 9.92 | 3.73 |
| | | *For >100 To 250, Deduct* | *-0.37* | |
| | | *For >250 To 500, Deduct* | *-0.62* | |
| | | *For >500 To 1,000, Deduct* | *-0.99* | |
| | | *For >1,000, Deduct* | *-1.37* | |
| | | *For Galvanized Steel, Add* | *3.07* | |
| | | *For 304 Stainless Steel, Add* | *14.11* | |
| | | *For High Strength Steel (HSS), Add* | *1.98* | |
| 05 12 23 00-0411 | LF | 3" x 2" x 3/16" Thick, Plain Steel Angle Iron | 9.91 | 3.73 |
| | | *For >100 To 250, Deduct* | *-0.37* | |
| | | *For >250 To 500, Deduct* | *-0.62* | |
| | | *For >500 To 1,000, Deduct* | *-0.99* | |
| | | *For >1,000, Deduct* | *-1.36* | |
| | | *For Galvanized Steel, Add* | *3.06* | |
| | | *For 304 Stainless Steel, Add* | *14.08* | |
| | | *For High Strength Steel (HSS), Add* | *1.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0412 | LF | 3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron | 10.95 | 4.11 |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.69* | |
| | | *For >500 To 1,000, Deduct* | *-1.10* | |
| | | *For >1,000, Deduct* | *-1.51* | |
| | | *For Galvanized Steel, Add* | *3.39* | |
| | | *For 304 Stainless Steel, Add* | *15.56* | |
| | | *For High Strength Steel (HSS), Add* | *2.19* | |
| 05 12 23 00-0413 | LF | 3" x 3" x 3/16" Thick, Plain Steel Angle Iron | 11.98 | 4.51 |
| | | *For >100 To 250, Deduct* | *-0.45* | |
| | | *For >250 To 500, Deduct* | *-0.75* | |
| | | *For >500 To 1,000, Deduct* | *-1.20* | |
| | | *For >1,000, Deduct* | *-1.65* | |
| | | *For Galvanized Steel, Add* | *3.70* | |
| | | *For 304 Stainless Steel, Add* | *17.01* | |
| | | *For High Strength Steel (HSS), Add* | *2.40* | |
| **05 12 23 00-0414** | | **1/4" Thick** *(05 12 23 00-0393)* | | |
| 05 12 23 00-0415 | LF | 1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron | 7.03 | 2.98 |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.47* | |
| | | *For >500 To 1,000, Deduct* | *-0.75* | |
| | | *For >1,000, Deduct* | *-1.02* | |
| | | *For Galvanized Steel, Add* | *1.89* | |
| | | *For 304 Stainless Steel, Add* | *8.69* | |
| | | *For High Strength Steel (HSS), Add* | *1.41* | |
| 05 12 23 00-0416 | LF | 1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron | 8.00 | 3.20 |
| | | *For >100 To 250, Deduct* | *-0.32* | |
| | | *For >250 To 500, Deduct* | *-0.52* | |
| | | *For >500 To 1,000, Deduct* | *-0.83* | |
| | | *For >1,000, Deduct* | *-1.13* | |
| | | *For Galvanized Steel, Add* | *2.31* | |
| | | *For 304 Stainless Steel, Add* | *10.63* | |
| | | *For High Strength Steel (HSS), Add* | *1.60* | |
| 05 12 23 00-0417 | LF | 2" x 2" x 1/4" Thick, Plain Steel Angle Iron | 9.67 | 3.41 |
| | | *For >100 To 250, Deduct* | *-0.34* | |
| | | *For >250 To 500, Deduct* | *-0.58* | |
| | | *For >500 To 1,000, Deduct* | *-0.94* | |
| | | *For >1,000, Deduct* | *-1.29* | |
| | | *For Galvanized Steel, Add* | *3.17* | |
| | | *For 304 Stainless Steel, Add* | *14.59* | |
| | | *For High Strength Steel (HSS), Add* | *1.93* | |
| 05 12 23 00-0418 | LF | 2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron | 10.86 | 3.78 |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.65* | |
| | | *For >500 To 1,000, Deduct* | *-1.05* | |
| | | *For >1,000, Deduct* | *-1.44* | |
| | | *For Galvanized Steel, Add* | *3.61* | |
| | | *For 304 Stainless Steel, Add* | *16.62* | |
| | | *For High Strength Steel (HSS), Add* | *2.17* | |
| 05 12 23 00-0419 | LF | 2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron | 12.10 | 4.14 |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.72* | |
| | | *For >500 To 1,000, Deduct* | *-1.16* | |
| | | *For >1,000, Deduct* | *-1.60* | |
| | | *For Galvanized Steel, Add* | *4.08* | |
| | | *For 304 Stainless Steel, Add* | *18.75* | |
| | | *For High Strength Steel (HSS), Add* | *2.42* | |
| 05 12 23 00-0420 | LF | 3" x 2" x 1/4" Thick, Plain Steel Angle Iron | 12.10 | 4.14 |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.72* | |
| | | *For >500 To 1,000, Deduct* | *-1.16* | |
| | | *For >1,000, Deduct* | *-1.60* | |
| | | *For Galvanized Steel, Add* | *4.08* | |
| | | *For 304 Stainless Steel, Add* | *18.75* | |
| | | *For High Strength Steel (HSS), Add* | *2.42* | |
| 05 12 23 00-0421 | LF | 3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron | 13.37 | 4.60 |
| | | *For >100 To 250, Deduct* | *-0.46* | |
| | | *For >250 To 500, Deduct* | *-0.79* | |
| | | *For >500 To 1,000, Deduct* | *-1.28* | |
| | | *For >1,000, Deduct* | *-1.77* | |
| | | *For Galvanized Steel, Add* | *4.49* | |
| | | *For 304 Stainless Steel, Add* | *20.63* | |
| | | *For High Strength Steel (HSS), Add* | *2.67* | |
| 05 12 23 00-0422 | LF | 3" x 3" x 1/4" Thick, Plain Steel Angle Iron | 14.61 | 5.05 |
| | | *For >100 To 250, Deduct* | *-0.51* | |
| | | *For >250 To 500, Deduct* | *-0.87* | |
| | | *For >500 To 1,000, Deduct* | *-1.40* | |
| | | *For >1,000, Deduct* | *-1.94* | |
| | | *For Galvanized Steel, Add* | *4.88* | |
| | | *For 304 Stainless Steel, Add* | *22.43* | |
| | | *For High Strength Steel (HSS), Add* | *2.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0423 | LF | 3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron | 15.91 | 5.43 |
| | | *For >100 To 250, Deduct* | *-0.54* | |
| | | *For >250 To 500, Deduct* | *-0.94* | |
| | | *For >500 To 1,000, Deduct* | *-1.52* | |
| | | *For >1,000, Deduct* | *-2.10* | |
| | | *For Galvanized Steel, Add* | *5.38* | |
| | | *For 304 Stainless Steel, Add* | *24.71* | |
| | | *For High Strength Steel (HSS), Add* | *3.18* | |
| 05 12 23 00-0424 | LF | 3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron | 16.90 | 0.56 |
| | | *For >100 To 250, Deduct* | *-0.57* | |
| | | *For >250 To 500, Deduct* | *-0.99* | |
| | | *For >500 To 1,000, Deduct* | *-1.60* | |
| | | *For >1,000, Deduct* | *-2.21* | |
| | | *For Galvanized Steel, Add* | *5.79* | |
| | | *For 304 Stainless Steel, Add* | *26.62* | |
| | | *For High Strength Steel (HSS), Add* | *3.38* | |
| 05 12 23 00-0425 | LF | 4" x 3" x 1/4" Thick, Plain Steel Angle Iron | 16.90 | 5.67 |
| | | *For >100 To 250, Deduct* | *-0.57* | |
| | | *For >250 To 500, Deduct* | *-0.99* | |
| | | *For >500 To 1,000, Deduct* | *-1.60* | |
| | | *For >1,000, Deduct* | *-2.21* | |
| | | *For Galvanized Steel, Add* | *5.79* | |
| | | *For 304 Stainless Steel, Add* | *26.62* | |
| | | *For High Strength Steel (HSS), Add* | *3.38* | |
| 05 12 23 00-0426 | LF | 4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron | 17.83 | 5.91 |
| | | *For >100 To 250, Deduct* | *-0.59* | |
| | | *For >250 To 500, Deduct* | *-1.04* | |
| | | *For >500 To 1,000, Deduct* | *-1.68* | |
| | | *For >1,000, Deduct* | *-2.32* | |
| | | *For Galvanized Steel, Add* | *6.17* | |
| | | *For 304 Stainless Steel, Add* | *28.36* | |
| | | *For High Strength Steel (HSS), Add* | *3.57* | |
| 05 12 23 00-0427 | LF | 4" x 4" x 1/4" Thick, Plain Steel Angle Iron | 18.84 | 6.16 |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.09* | |
| | | *For >500 To 1,000, Deduct* | *-1.76* | |
| | | *For >1,000, Deduct* | *-2.44* | |
| | | *For Galvanized Steel, Add* | *6.58* | |
| | | *For 304 Stainless Steel, Add* | *30.27* | |
| | | *For High Strength Steel (HSS), Add* | *3.77* | |
| 05 12 23 00-0428 | LF | 5" x 3" x 1/4" Thick, Plain Steel Angle Iron | 18.84 | 6.16 |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.09* | |
| | | *For >500 To 1,000, Deduct* | *-1.76* | |
| | | *For >1,000, Deduct* | *-2.44* | |
| | | *For Galvanized Steel, Add* | *6.58* | |
| | | *For 304 Stainless Steel, Add* | *30.27* | |
| | | *For High Strength Steel (HSS), Add* | *3.77* | |
| 05 12 23 00-0429 | LF | 5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron | 19.89 | 6.49 |
| | | *For >100 To 250, Deduct* | *-0.65* | |
| | | *For >250 To 500, Deduct* | *-1.15* | |
| | | *For >500 To 1,000, Deduct* | *-1.86* | |
| | | *For >1,000, Deduct* | *-2.57* | |
| | | *For Galvanized Steel, Add* | *6.97* | |
| | | *For 304 Stainless Steel, Add* | *32.03* | |
| | | *For High Strength Steel (HSS), Add* | *3.98* | |

## 05 12 23 00-0430 5/16" Thick *(05 12 23 00-0393)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0431 | LF | 2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron | 13.09 | 4.39 |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.77* | |
| | | *For >500 To 1,000, Deduct* | *-1.24* | |
| | | *For >1,000, Deduct* | *-1.71* | |
| | | *For Galvanized Steel, Add* | *4.49* | |
| | | *For 304 Stainless Steel, Add* | *20.63* | |
| | | *For High Strength Steel (HSS), Add* | *2.62* | |
| 05 12 23 00-0432 | LF | 2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron | 14.25 | 4.65 |
| | | *For >100 To 250, Deduct* | *-0.47* | |
| | | *For >250 To 500, Deduct* | *-0.82* | |
| | | *For >500 To 1,000, Deduct* | *-1.33* | |
| | | *For >1,000, Deduct* | *-1.84* | |
| | | *For Galvanized Steel, Add* | *4.99* | |
| | | *For 304 Stainless Steel, Add* | *22.94* | |
| | | *For High Strength Steel (HSS), Add* | *2.85* | |
| 05 12 23 00-0433 | LF | 3" x 2" x 5/16" Thick, Plain Steel Angle Iron | 14.25 | 4.65 |
| | | *For >100 To 250, Deduct* | *-0.47* | |
| | | *For >250 To 500, Deduct* | *-0.82* | |
| | | *For >500 To 1,000, Deduct* | *-1.33* | |
| | | *For >1,000, Deduct* | *-1.84* | |
| | | *For Galvanized Steel, Add* | *4.99* | |
| | | *For 304 Stainless Steel, Add* | *22.94* | |
| | | *For High Strength Steel (HSS), Add* | *2.85* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0434 | LF | 3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron | 15.82 | 5.10 |
| | | *For >100 To 250, Deduct* | *-0.51* | |
| | | *For >250 To 500, Deduct* | *-0.91* | |
| | | *For >500 To 1,000, Deduct* | *-1.47* | |
| | | *For >1,000, Deduct* | *-2.04* | |
| | | *For Galvanized Steel, Add* | *5.59* | |
| | | *For 304 Stainless Steel, Add* | *25.68* | |
| | | *For High Strength Steel (HSS), Add* | *3.16* | |
| 05 12 23 00-0435 | LF | 3" x 3" x 5/16" Thick, Plain Steel Angle Iron | 17.21 | 5.55 |
| | | *For >100 To 250, Deduct* | *-0.55* | |
| | | *For >250 To 500, Deduct* | *-0.98* | |
| | | *For >500 To 1,000, Deduct* | *-1.60* | |
| | | *For >1,000, Deduct* | *-2.21* | |
| | | *For Galvanized Steel, Add* | *6.09* | |
| | | *For 304 Stainless Steel, Add* | *27.99* | |
| | | *For High Strength Steel (HSS), Add* | *3.44* | |
| 05 12 23 00-0436 | LF | 3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron | 18.38 | 5.83 |
| | | *For >100 To 250, Deduct* | *-0.58* | |
| | | *For >250 To 500, Deduct* | *-1.04* | |
| | | *For >500 To 1,000, Deduct* | *-1.70* | |
| | | *For >1,000, Deduct* | *-2.35* | |
| | | *For Galvanized Steel, Add* | *6.58* | |
| | | *For 304 Stainless Steel, Add* | *30.27* | |
| | | *For High Strength Steel (HSS), Add* | *3.68* | |
| 05 12 23 00-0437 | LF | 3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron | 19.71 | 6.11 |
| | | *For >100 To 250, Deduct* | *-0.61* | |
| | | *For >250 To 500, Deduct* | *-1.10* | |
| | | *For >500 To 1,000, Deduct* | *-1.80* | |
| | | *For >1,000, Deduct* | *-2.50* | |
| | | *For Galvanized Steel, Add* | *7.17* | |
| | | *For 304 Stainless Steel, Add* | *32.95* | |
| | | *For High Strength Steel (HSS), Add* | *3.94* | |
| 05 12 23 00-0438 | LF | 4" x 3" x 5/16" Thick, Plain Steel Angle Iron | 19.71 | 6.11 |
| | | *For >100 To 250, Deduct* | *-0.61* | |
| | | *For >250 To 500, Deduct* | *-1.10* | |
| | | *For >500 To 1,000, Deduct* | *-1.80* | |
| | | *For >1,000, Deduct* | *-2.50* | |
| | | *For Galvanized Steel, Add* | *7.17* | |
| | | *For 304 Stainless Steel, Add* | *32.95* | |
| | | *For High Strength Steel (HSS), Add* | *3.94* | |
| 05 12 23 00-0439 | LF | 4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron | 20.98 | 6.46 |
| | | *For >100 To 250, Deduct* | *-0.65* | |
| | | *For >250 To 500, Deduct* | *-1.17* | |
| | | *For >500 To 1,000, Deduct* | *-1.91* | |
| | | *For >1,000, Deduct* | *-2.65* | |
| | | *For Galvanized Steel, Add* | *7.66* | |
| | | *For 304 Stainless Steel, Add* | *35.23* | |
| | | *For High Strength Steel (HSS), Add* | *4.20* | |
| 05 12 23 00-0440 | LF | 4" x 4" x 5/16" Thick, Plain Steel Angle Iron | 22.21 | 6.76 |
| | | *For >100 To 250, Deduct* | *-0.68* | |
| | | *For >250 To 500, Deduct* | *-1.23* | |
| | | *For >500 To 1,000, Deduct* | *-2.01* | |
| | | *For >1,000, Deduct* | *-2.79* | |
| | | *For Galvanized Steel, Add* | *8.18* | |
| | | *For 304 Stainless Steel, Add* | *37.62* | |
| | | *For High Strength Steel (HSS), Add* | *4.44* | |
| 05 12 23 00-0441 | LF | 5" x 3" x 5/16" Thick, Plain Steel Angle Iron | 22.21 | 6.76 |
| | | *For >100 To 250, Deduct* | *-0.68* | |
| | | *For >250 To 500, Deduct* | *-1.23* | |
| | | *For >500 To 1,000, Deduct* | *-2.01* | |
| | | *For >1,000, Deduct* | *-2.79* | |
| | | *For Galvanized Steel, Add* | *8.18* | |
| | | *For 304 Stainless Steel, Add* | *37.62* | |
| | | *For High Strength Steel (HSS), Add* | *4.44* | |
| 05 12 23 00-0442 | LF | 5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron | 23.35 | 7.03 |
| | | *For >100 To 250, Deduct* | *-0.70* | |
| | | *For >250 To 500, Deduct* | *-1.29* | |
| | | *For >500 To 1,000, Deduct* | *-2.11* | |
| | | *For >1,000, Deduct* | *-2.92* | |
| | | *For Galvanized Steel, Add* | *8.66* | |
| | | *For 304 Stainless Steel, Add* | *39.81* | |
| | | *For High Strength Steel (HSS), Add* | *4.67* | |
| 05 12 23 00-0443 | LF | 5" x 5" x 5/16" Thick, Plain Steel Angle Iron | 26.35 | 7.33 |
| | | *For >100 To 250, Deduct* | *-0.73* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500 To 1,000, Deduct* | *-2.29* | |
| | | *For >1,000, Deduct* | *-3.20* | |
| | | *For Galvanized Steel, Add* | *10.28* | |
| | | *For 304 Stainless Steel, Add* | *47.25* | |
| | | *For High Strength Steel (HSS), Add* | *5.27* | |
| 05 12 23 00-0444 | LF | 6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron | 25.92 | 7.63 |
| | | *For >100 To 250, Deduct* | *-0.76* | |
| | | *For >250 To 500, Deduct* | *-1.41* | |
| | | *For >500 To 1,000, Deduct* | *-2.32* | |
| | | *For >1,000, Deduct* | *-3.22* | |
| | | *For Galvanized Steel, Add* | *9.75* | |
| | | *For 304 Stainless Steel, Add* | *44.83* | |
| | | *For High Strength Steel (HSS), Add* | *5.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0445 | | 3/8" Thick *(05 12 23 00-0393)* | | |
| 05 12 23 00-0446 | LF | 3" x 2" x 3/8" Thick, Plain Steel Angle Iron | 15.96 | 4.87 |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-0.89* | |
| | | *For >500 To 1,000, Deduct* | *-1.45* | |
| | | *For >1,000, Deduct* | *-2.01* | |
| | | *For Galvanized Steel, Add* | *5.87* | |
| | | *For 304 Stainless Steel, Add* | *26.99* | |
| | | *For High Strength Steel (HSS), Add* | *3.19* | |
| 05 12 23 00-0447 | LF | 3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron | 17.65 | 5.27 |
| | | *For >100 To 250, Deduct* | *-0.53* | |
| | | *For >250 To 500, Deduct* | *-0.97* | |
| | | *For >500 To 1,000, Deduct* | *-1.59* | |
| | | *For >1,000, Deduct* | *-2.20* | |
| | | *For Galvanized Steel, Add* | *6.58* | |
| | | *For 304 Stainless Steel, Add* | *30.27* | |
| | | *For High Strength Steel (HSS), Add* | *3.53* | |
| 05 12 23 00-0448 | LF | 3" x 3" x 3/8" Thick, Plain Steel Angle Iron | 19.13 | 5.68 |
| | | *For >100 To 250, Deduct* | *-0.57* | |
| | | *For >250 To 500, Deduct* | *-1.05* | |
| | | *For >500 To 1,000, Deduct* | *-1.71* | |
| | | *For >1,000, Deduct* | *-2.38* | |
| | | *For Galvanized Steel, Add* | *7.17* | |
| | | *For 304 Stainless Steel, Add* | *32.95* | |
| | | *For High Strength Steel (HSS), Add* | *3.83* | |
| 05 12 23 00-0449 | LF | 3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron | 20.50 | 5.84 |
| | | *For >100 To 250, Deduct* | *-0.58* | |
| | | *For >250 To 500, Deduct* | *-1.10* | |
| | | *For >500 To 1,000, Deduct* | *-1.80* | |
| | | *For >1,000, Deduct* | *-2.51* | |
| | | *For Galvanized Steel, Add* | *7.89* | |
| | | *For 304 Stainless Steel, Add* | *36.25* | |
| | | *For High Strength Steel (HSS), Add* | *4.10* | |
| 05 12 23 00-0450 | LF | 3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron | 21.86 | 6.16 |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.16* | |
| | | *For >500 To 1,000, Deduct* | *-1.91* | |
| | | *For >1,000, Deduct* | *-2.67* | |
| | | *For Galvanized Steel, Add* | *8.46* | |
| | | *For 304 Stainless Steel, Add* | *38.90* | |
| | | *For High Strength Steel (HSS), Add* | *4.37* | |
| 05 12 23 00-0451 | LF | 4" x 3" x 3/8" Thick, Plain Steel Angle Iron | 21.86 | 6.16 |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.16* | |
| | | *For >500 To 1,000, Deduct* | *-1.91* | |
| | | *For >1,000, Deduct* | *-2.67* | |
| | | *For Galvanized Steel, Add* | *8.46* | |
| | | *For 304 Stainless Steel, Add* | *38.90* | |
| | | *For High Strength Steel (HSS), Add* | *4.37* | |
| 05 12 23 00-0452 | LF | 4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron | 23.55 | 6.71 |
| | | *For >100 To 250, Deduct* | *-0.67* | |
| | | *For >250 To 500, Deduct* | *-1.26* | |
| | | *For >500 To 1,000, Deduct* | *-2.07* | |
| | | *For >1,000, Deduct* | *-2.88* | |
| | | *For Galvanized Steel, Add* | *9.06* | |
| | | *For 304 Stainless Steel, Add* | *41.64* | |
| | | *For High Strength Steel (HSS), Add* | *4.71* | |
| 05 12 23 00-0453 | LF | 4" x 4" x 3/8" Thick, Plain Steel Angle Iron | 24.94 | 6.91 |
| | | *For >100 To 250, Deduct* | *-0.69* | |
| | | *For >250 To 500, Deduct* | *-1.31* | |
| | | *For >500 To 1,000, Deduct* | *-2.17* | |
| | | *For >1,000, Deduct* | *-3.02* | |
| | | *For Galvanized Steel, Add* | *9.75* | |
| | | *For 304 Stainless Steel, Add* | *44.83* | |
| | | *For High Strength Steel (HSS), Add* | *4.99* | |
| 05 12 23 00-0454 | LF | 5" x 3" x 3/8" Thick, Plain Steel Angle Iron | 25.30 | 7.18 |
| | | *For >100 To 250, Deduct* | *-0.72* | |
| | | *For >250 To 500, Deduct* | *-1.35* | |
| | | *For >500 To 1,000, Deduct* | *-2.22* | |
| | | *For >1,000, Deduct* | *-3.09* | |
| | | *For Galvanized Steel, Add* | *9.75* | |
| | | *For 304 Stainless Steel, Add* | *44.83* | |
| | | *For High Strength Steel (HSS), Add* | *5.06* | |
| 05 12 23 00-0455 | LF | 5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron | 27.02 | 7.73 |
| | | *For >100 To 250, Deduct* | *-0.77* | |
| | | *For >250 To 500, Deduct* | *-1.45* | |
| | | *For >500 To 1,000, Deduct* | *-2.38* | |
| | | *For >1,000, Deduct* | *-3.32* | |
| | | *For Galvanized Steel, Add* | *10.35* | |
| | | *For 304 Stainless Steel, Add* | *47.60* | |
| | | *For High Strength Steel (HSS), Add* | *5.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0456 | LF | 5" x 5" x 3/8" Thick, Plain Steel Angle Iron | 31.82 | 9.02 |
| | | *For >100 To 250, Deduct* | *-0.90* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500 To 1,000, Deduct* | *-2.79* | |
| | | *For >1,000, Deduct* | *-3.89* | |
| | | *For Galvanized Steel, Add* | *12.28* | |
| | | *For 304 Stainless Steel, Add* | *56.43* | |
| | | *For High Strength Steel (HSS), Add* | *6.36* | |
| 05 12 23 00-0457 | LF | 6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron | 29.95 | 8.38 |
| | | *For >100 To 250, Deduct* | *-0.84* | |
| | | *For >250 To 500, Deduct* | *-1.59* | |
| | | *For >500 To 1,000, Deduct* | *-2.61* | |
| | | *For >1,000, Deduct* | *-3.64* | |
| | | *For Galvanized Steel, Add* | *11.64* | |
| | | *For 304 Stainless Steel, Add* | *53.52* | |
| | | *For High Strength Steel (HSS), Add* | *5.99* | |
| 05 12 23 00-0458 | LF | 6" x 4" x 3/8" Thick, Plain Steel Angle Iron | 31.82 | 9.02 |
| | | *For >100 To 250, Deduct* | *-0.90* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500 To 1,000, Deduct* | *-2.79* | |
| | | *For >1,000, Deduct* | *-3.89* | |
| | | *For Galvanized Steel, Add* | *12.28* | |
| | | *For 304 Stainless Steel, Add* | *56.43* | |
| | | *For High Strength Steel (HSS), Add* | *6.36* | |
| 05 12 23 00-0459 | LF | 6" x 6" x 3/8" Thick, Plain Steel Angle Iron | 38.40 | 10.82 |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-2.04* | |
| | | *For >500 To 1,000, Deduct* | *-3.36* | |
| | | *For >1,000, Deduct* | *-4.68* | |
| | | *For Galvanized Steel, Add* | *14.87* | |
| | | *For 304 Stainless Steel, Add* | *68.34* | |
| | | *For High Strength Steel (HSS), Add* | *7.68* | |
| 05 12 23 00-0460 | LF | 7" x 4" x 3/8" Thick, Plain Steel Angle Iron | 35.10 | 9.91 |
| | | *For >100 To 250, Deduct* | *-0.99* | |
| | | *For >250 To 500, Deduct* | *-1.87* | |
| | | *For >500 To 1,000, Deduct* | *-3.08* | |
| | | *For >1,000, Deduct* | *-4.29* | |
| | | *For Galvanized Steel, Add* | *13.57* | |
| | | *For 304 Stainless Steel, Add* | *62.36* | |
| | | *For High Strength Steel (HSS), Add* | *7.02* | |

## 05 12 23 00-0461 1/2" Thick *(05 12 23 00-0393)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0462 | LF | 3" x 3" x 1/2" Thick, Plain Steel Angle Iron | 22.86 | 5.81 |
| | | *For >100 To 250, Deduct* | *-0.58* | |
| | | *For >250 To 500, Deduct* | *-1.15* | |
| | | *For >500 To 1,000, Deduct* | *-1.92* | |
| | | *For >1,000, Deduct* | *-2.68* | |
| | | *For Galvanized Steel, Add* | *9.38* | |
| | | *For 304 Stainless Steel, Add* | *43.12* | |
| | | *For High Strength Steel (HSS), Add* | *4.57* | |
| 05 12 23 00-0463 | LF | 4" x 3" x 1/2" Thick, Plain Steel Angle Iron | 27.01 | 6.86 |
| | | *For >100 To 250, Deduct* | *-0.69* | |
| | | *For >250 To 500, Deduct* | *-1.36* | |
| | | *For >500 To 1,000, Deduct* | *-2.26* | |
| | | *For >1,000, Deduct* | *-3.17* | |
| | | *For Galvanized Steel, Add* | *11.08* | |
| | | *For 304 Stainless Steel, Add* | *50.93* | |
| | | *For High Strength Steel (HSS), Add* | *5.40* | |
| 05 12 23 00-0464 | LF | 4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron | 28.94 | 7.35 |
| | | *For >100 To 250, Deduct* | *-0.73* | |
| | | *For >250 To 500, Deduct* | *-1.46* | |
| | | *For >500 To 1,000, Deduct* | *-2.43* | |
| | | *For >1,000, Deduct* | *-3.39* | |
| | | *For Galvanized Steel, Add* | *11.87* | |
| | | *For 304 Stainless Steel, Add* | *54.58* | |
| | | *For High Strength Steel (HSS), Add* | *5.79* | |
| 05 12 23 00-0465 | LF | 4" x 4" x 1/2" Thick, Plain Steel Angle Iron | 31.14 | 7.91 |
| | | *For >100 To 250, Deduct* | *-0.79* | |
| | | *For >250 To 500, Deduct* | *-1.57* | |
| | | *For >500 To 1,000, Deduct* | *-2.61* | |
| | | *For >1,000, Deduct* | *-3.65* | |
| | | *For Galvanized Steel, Add* | *12.77* | |
| | | *For 304 Stainless Steel, Add* | *58.71* | |
| | | *For High Strength Steel (HSS), Add* | *6.23* | |
| 05 12 23 00-0466 | LF | 5" x 3" x 1/2" Thick, Plain Steel Angle Iron | 31.14 | 7.91 |
| | | *For >100 To 250, Deduct* | *-0.79* | |
| | | *For >250 To 500, Deduct* | *-1.57* | |
| | | *For >500 To 1,000, Deduct* | *-2.61* | |
| | | *For >1,000, Deduct* | *-3.65* | |
| | | *For Galvanized Steel, Add* | *12.77* | |
| | | *For 304 Stainless Steel, Add* | *58.71* | |
| | | *For High Strength Steel (HSS), Add* | *6.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0467 | LF | 5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron | 33.08 | 8.40 |
| | | *For >100 To 250, Deduct* | *-0.84* | |
| | | *For >250 To 500, Deduct* | *-1.67* | |
| | | *For >500 To 1,000, Deduct* | *-2.77* | |
| | | *For >1,000, Deduct* | *-3.88* | |
| | | *For Galvanized Steel, Add* | *13.57* | |
| | | *For 304 Stainless Steel, Add* | *62.39* | |
| | | *For High Strength Steel (HSS), Add* | *6.62* | |
| 05 12 23 00-0468 | LF | 5" x 5" x 1/2" Thick, Plain Steel Angle Iron | 39.41 | 10.00 |
| | | *For >100 To 250, Deduct* | *-1.00* | |
| | | *For >250 To 500, Deduct* | *-1.99* | |
| | | *For >500 To 1,000, Deduct* | *-3.30* | |
| | | *For >1,000, Deduct* | *-4.62* | |
| | | *For Galvanized Steel, Add* | *16.16* | |
| | | *For 304 Stainless Steel, Add* | *74.30* | |
| | | *For High Strength Steel (HSS), Add* | *7.88* | |
| 05 12 23 00-0469 | LF | 6" x 4" x 1/2" Thick, Plain Steel Angle Iron | 39.41 | 10.00 |
| | | *For >100 To 250, Deduct* | *-1.00* | |
| | | *For >250 To 500, Deduct* | *-1.99* | |
| | | *For >500 To 1,000, Deduct* | *-3.30* | |
| | | *For >1,000, Deduct* | *-4.62* | |
| | | *For Galvanized Steel, Add* | *16.16* | |
| | | *For 304 Stainless Steel, Add* | *74.30* | |
| | | *For High Strength Steel (HSS), Add* | *7.88* | |
| 05 12 23 00-0470 | LF | 6" x 6" x 1/2" Thick, Plain Steel Angle Iron | 47.67 | 12.10 |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-2.40* | |
| | | *For >500 To 1,000, Deduct* | *-4.00* | |
| | | *For >1,000, Deduct* | *-5.59* | |
| | | *For Galvanized Steel, Add* | *19.55* | |
| | | *For 304 Stainless Steel, Add* | *89.89* | |
| | | *For High Strength Steel (HSS), Add* | *9.53* | |
| 05 12 23 00-0471 | LF | 7" x 4" x 1/2" Thick, Plain Steel Angle Iron | 43.53 | 11.05 |
| | | *For >100 To 250, Deduct* | *-1.10* | |
| | | *For >250 To 500, Deduct* | *-2.19* | |
| | | *For >500 To 1,000, Deduct* | *-3.65* | |
| | | *For >1,000, Deduct* | *-5.11* | |
| | | *For Galvanized Steel, Add* | *17.86* | |
| | | *For 304 Stainless Steel, Add* | *82.08* | |
| | | *For High Strength Steel (HSS), Add* | *8.71* | |
| 05 12 23 00-0472 | LF | 8" x 4" x 1/2" Thick, Plain Steel Angle Iron | 47.67 | 12.10 |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-2.40* | |
| | | *For >500 To 1,000, Deduct* | *-4.00* | |
| | | *For >1,000, Deduct* | *-5.59* | |
| | | *For Galvanized Steel, Add* | *19.55* | |
| | | *For 304 Stainless Steel, Add* | *89.89* | |
| | | *For High Strength Steel (HSS), Add* | *9.53* | |
| 05 12 23 00-0473 | LF | 8" x 6" x 1/2" Thick, Plain Steel Angle Iron | 55.96 | 14.21 |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-2.82* | |
| | | *For >500 To 1,000, Deduct* | *-4.69* | |
| | | *For >1,000, Deduct* | *-6.56* | |
| | | *For Galvanized Steel, Add* | *22.95* | |
| | | *For 304 Stainless Steel, Add* | *105.51* | |
| | | *For High Strength Steel (HSS), Add* | *11.19* | |
| 05 12 23 00-0474 | LF | 8" x 8" x 1/2" Thick, Plain Steel Angle Iron | 64.22 | 16.31 |
| | | *For >100 To 250, Deduct* | *-1.63* | |
| | | *For >250 To 500, Deduct* | *-3.24* | |
| | | *For >500 To 1,000, Deduct* | *-5.39* | |
| | | *For >1,000, Deduct* | *-7.53* | |
| | | *For Galvanized Steel, Add* | *26.34* | |
| | | *For 304 Stainless Steel, Add* | *121.07* | |
| | | *For High Strength Steel (HSS), Add* | *12.84* | |

### 05 12 23 00-0475 5/8" Thick *(05 12 23 00-0393)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0476 | LF | 4" x 4" x 5/8" Thick, Plain Steel Angle Iron | 37.35 | 9.06 |
| | | *For >100 To 250, Deduct* | *-0.91* | |
| | | *For >250 To 500, Deduct* | *-1.84* | |
| | | *For >500 To 1,000, Deduct* | *-3.08* | |
| | | *For >1,000, Deduct* | *-4.31* | |
| | | *For Galvanized Steel, Add* | *15.67* | |
| | | *For High Strength Steel (HSS), Add* | *7.47* | |
| 05 12 23 00-0477 | LF | 5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron | 39.98 | 9.69 |
| | | *For >100 To 250, Deduct* | *-0.97* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500 To 1,000, Deduct* | *-3.29* | |
| | | *For >1,000, Deduct* | *-4.61* | |
| | | *For Galvanized Steel, Add* | *16.77* | |
| | | *For High Strength Steel (HSS), Add* | *8.00* | |
| 05 12 23 00-0478 | LF | 5" x 5" x 5/8" Thick, Plain Steel Angle Iron | 47.57 | 11.55 |
| | | *For >100 To 250, Deduct* | *-1.15* | |
| | | *For >250 To 500, Deduct* | *-2.34* | |
| | | *For >500 To 1,000, Deduct* | *-3.92* | |
| | | *For >1,000, Deduct* | *-5.49* | |
| | | *For Galvanized Steel, Add* | *19.95* | |
| | | *For High Strength Steel (HSS), Add* | *9.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0479 | LF | 6" x 4" x 5/8" Thick, Plain Steel Angle Iron | 47.57 | 11.55 |
| | | *For >100 To 250, Deduct* | *-1.15* | |
| | | *For >250 To 500, Deduct* | *-2.34* | |
| | | *For >500 To 1,000, Deduct* | *-3.92* | |
| | | *For >1,000, Deduct* | *-5.49* | |
| | | *For Galvanized Steel, Add* | *19.95* | |
| | | *For High Strength Steel (HSS), Add* | *9.51* | |
| 05 12 23 00-0480 | LF | 6" x 6" x 5/8" Thick, Plain Steel Angle Iron | 57.58 | 13.97 |
| | | *For >100 To 250, Deduct* | *-1.40* | |
| | | *For >250 To 500, Deduct* | *-2.84* | |
| | | *For >500 To 1,000, Deduct* | *-4.74* | |
| | | *For >1,000, Deduct* | *-6.65* | |
| | | *For Galvanized Steel, Add* | *24.15* | |
| | | *For High Strength Steel (HSS), Add* | *11.52* | |
| 05 12 23 00-0481 | LF | 7" x 4" x 5/8" Thick, Plain Steel Angle Iron | 52.57 | 12.76 |
| | | *For >100 To 250, Deduct* | *-1.28* | |
| | | *For >250 To 500, Deduct* | *-2.59* | |
| | | *For >500 To 1,000, Deduct* | *-4.33* | |
| | | *For >1,000, Deduct* | *-6.07* | |
| | | *For Galvanized Steel, Add* | *22.05* | |
| | | *For High Strength Steel (HSS), Add* | *10.51* | |
| 05 12 23 00-0482 | LF | 8" x 6" x 5/8" Thick, Plain Steel Angle Iron | 67.80 | 16.45 |
| | | *For >100 To 250, Deduct* | *-1.64* | |
| | | *For >250 To 500, Deduct* | *-3.34* | |
| | | *For >500 To 1,000, Deduct* | *-5.58* | |
| | | *For >1,000, Deduct* | *-7.83* | |
| | | *For Galvanized Steel, Add* | *28.44* | |
| | | *For High Strength Steel (HSS), Add* | *13.56* | |
| 05 12 23 00-0483 | LF | 8" x 8" x 5/8" Thick, Plain Steel Angle Iron | 77.79 | 18.87 |
| | | *For >100 To 250, Deduct* | *-1.89* | |
| | | *For >250 To 500, Deduct* | *-3.83* | |
| | | *For >500 To 1,000, Deduct* | *-6.41* | |
| | | *For >1,000, Deduct* | *-8.98* | |
| | | *For Galvanized Steel, Add* | *32.63* | |
| | | *For High Strength Steel (HSS), Add* | *15.56* | |
| 05 12 23 00-0484 | | 3/4" Thick *(05 12 23 00-0393)* | | |
| 05 12 23 00-0485 | LF | 4" x 4" x 3/4" Thick, Plain Steel Angle Iron | 43.14 | 10.01 |
| | | *For >100 To 250, Deduct* | *-1.00* | |
| | | *For >250 To 500, Deduct* | *-2.08* | |
| | | *For >500 To 1,000, Deduct* | *-3.49* | |
| | | *For >1,000, Deduct* | *-4.90* | |
| | | *For Galvanized Steel, Add* | *18.47* | |
| | | *For High Strength Steel (HSS), Add* | *8.63* | |
| 05 12 23 00-0486 | LF | 5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron | 46.14 | 10.72 |
| | | *For >100 To 250, Deduct* | *-1.07* | |
| | | *For >250 To 500, Deduct* | *-2.22* | |
| | | *For >500 To 1,000, Deduct* | *-3.74* | |
| | | *For >1,000, Deduct* | *-5.25* | |
| | | *For Galvanized Steel, Add* | *19.75* | |
| | | *For High Strength Steel (HSS), Add* | *9.23* | |
| 05 12 23 00-0487 | LF | 5" x 5" x 3/4" Thick, Plain Steel Angle Iron | 55.01 | 12.78 |
| | | *For >100 To 250, Deduct* | *-1.28* | |
| | | *For >250 To 500, Deduct* | *-2.65* | |
| | | *For >500 To 1,000, Deduct* | *-4.45* | |
| | | *For >1,000, Deduct* | *-6.25* | |
| | | *For Galvanized Steel, Add* | *23.55* | |
| | | *For High Strength Steel (HSS), Add* | *11.00* | |
| 05 12 23 00-0488 | LF | 6" x 4" x 3/4" Thick, Plain Steel Angle Iron | 55.01 | 12.78 |
| | | *For >100 To 250, Deduct* | *-1.28* | |
| | | *For >250 To 500, Deduct* | *-2.65* | |
| | | *For >500 To 1,000, Deduct* | *-4.45* | |
| | | *For >1,000, Deduct* | *-6.25* | |
| | | *For Galvanized Steel, Add* | *23.55* | |
| | | *For High Strength Steel (HSS), Add* | *11.00* | |
| 05 12 23 00-0489 | LF | 6" x 6" x 3/4" Thick, Plain Steel Angle Iron | 66.90 | 15.52 |
| | | *For >100 To 250, Deduct* | *-1.55* | |
| | | *For >250 To 500, Deduct* | *-3.23* | |
| | | *For >500 To 1,000, Deduct* | *-5.42* | |
| | | *For >1,000, Deduct* | *-7.61* | |
| | | *For Galvanized Steel, Add* | *28.64* | |
| | | *For High Strength Steel (HSS), Add* | *13.38* | |
| 05 12 23 00-0490 | LF | 7" x 4" x 3/4" Thick, Plain Steel Angle Iron | 61.06 | 14.18 |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-2.94* | |
| | | *For >500 To 1,000, Deduct* | *-4.94* | |
| | | *For >1,000, Deduct* | *-6.94* | |
| | | *For Galvanized Steel, Add* | *26.14* | |
| | | *For High Strength Steel (HSS), Add* | *12.21* | |
| 05 12 23 00-0491 | LF | 8" x 4" x 3/4" Thick, Plain Steel Angle Iron | 66.90 | 15.52 |
| | | *For >100 To 250, Deduct* | *-1.55* | |
| | | *For >250 To 500, Deduct* | *-3.23* | |
| | | *For >500 To 1,000, Deduct* | *-5.42* | |
| | | *For >1,000, Deduct* | *-7.61* | |
| | | *For Galvanized Steel, Add* | *28.64* | |
| | | *For High Strength Steel (HSS), Add* | *13.38* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0492 | LF | 8" x 6" x 3/4" Thick, Plain Steel Angle Iron | 78.79 | 18.28 |
| | | *For >100 To 250, Deduct* | *-1.83* | |
| | | *For >250 To 500, Deduct* | *-3.80* | |
| | | *For >500 To 1,000, Deduct* | *-6.38* | |
| | | *For >1,000, Deduct* | *-8.96* | |
| | | *For Galvanized Steel, Add* | *33.73* | |
| | | *For High Strength Steel (HSS), Add* | *15.76* | |
| 05 12 23 00-0493 | LF | 8" x 8" x 3/4" Thick, Plain Steel Angle Iron | 90.67 | 21.05 |
| | | *For >100 To 250, Deduct* | *-2.10* | |
| | | *For >250 To 500, Deduct* | *-4.37* | |
| | | *For >500 To 1,000, Deduct* | *-7.34* | |
| | | *For >1,000, Deduct* | *-10.31* | |
| | | *For Galvanized Steel, Add* | *38.82* | |
| | | *For High Strength Steel (HSS), Add* | *18.13* | |

## 05 12 23 00-0494 7/8" Thick *(05 12 23 00-0393)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0495 | LF | 5" x 5" x 7/8" Thick, Plain Steel Angle Iron | 62.08 | 13.73 |
| | | *For >100 To 250, Deduct* | *-1.37* | |
| | | *For >250 To 500, Deduct* | *-2.93* | |
| | | *For >500 To 1,000, Deduct* | *-4.94* | |
| | | *For >1,000, Deduct* | *-6.94* | |
| | | *For Galvanized Steel, Add* | *27.14* | |
| | | *For High Strength Steel (HSS), Add* | *12.42* | |
| 05 12 23 00-0496 | LF | 6" x 4" x 7/8" Thick, Plain Steel Angle Iron | 62.08 | 13.73 |
| | | *For >100 To 250, Deduct* | *-1.37* | |
| | | *For >250 To 500, Deduct* | *-2.93* | |
| | | *For >500 To 1,000, Deduct* | *-4.94* | |
| | | *For >1,000, Deduct* | *-6.94* | |
| | | *For Galvanized Steel, Add* | *27.14* | |
| | | *For High Strength Steel (HSS), Add* | *12.42* | |
| 05 12 23 00-0497 | LF | 6" x 6" x 7/8" Thick, Plain Steel Angle Iron | 75.57 | 16.72 |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-3.56* | |
| | | *For >500 To 1,000, Deduct* | *-6.01* | |
| | | *For >1,000, Deduct* | *-8.45* | |
| | | *For Galvanized Steel, Add* | *33.03* | |
| | | *For High Strength Steel (HSS), Add* | *15.11* | |
| 05 12 23 00-0498 | LF | 8" x 6" x 7/8" Thick, Plain Steel Angle Iron | 89.26 | 19.74 |
| | | *For >100 To 250, Deduct* | *-1.97* | |
| | | *For >250 To 500, Deduct* | *-4.21* | |
| | | *For >500 To 1,000, Deduct* | *-7.10* | |
| | | *For >1,000, Deduct* | *-9.99* | |
| | | *For Galvanized Steel, Add* | *39.02* | |
| | | *For High Strength Steel (HSS), Add* | *17.85* | |
| 05 12 23 00-0499 | LF | 8" x 8" x 7/8" Thick, Plain Steel Angle Iron | 102.71 | 22.73 |
| | | *For >100 To 250, Deduct* | *-2.27* | |
| | | *For >250 To 500, Deduct* | *-4.84* | |
| | | *For >500 To 1,000, Deduct* | *-8.16* | |
| | | *For >1,000, Deduct* | *-11.49* | |
| | | *For Galvanized Steel, Add* | *44.90* | |
| | | *For High Strength Steel (HSS), Add* | *20.54* | |

## 05 12 23 00-0500 Bar Channel *(05 12 23 00-0392)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0501 | LF | 1" x 1/2" x 1/8" Thick Bar Channel | 4.78 | |
| | | *For 316 Stainless Steel, Add* | *5.60* | |
| | | *For Aluminum, Add* | *0.32* | |
| | | *For Galvanized Steel, Add* | *1.09* | |
| | | *For 304 Stainless Steel, Add* | *4.99* | |
| | | *For High Strength Steel (HSS), Add* | *0.96* | |
| 05 12 23 00-0502 | LF | 1-1/4" x 1/2" x 1/8" Thick Bar Channel | 5.40 | |
| | | *For 316 Stainless Steel, Add* | *6.72* | |
| | | *For Aluminum, Add* | *0.38* | |
| | | *For Galvanized Steel, Add* | *1.30* | |
| | | *For 304 Stainless Steel, Add* | *5.99* | |
| | | *For High Strength Steel (HSS), Add* | *1.08* | |
| 05 12 23 00-0503 | LF | 1-1/2" x 1/2" x 1/8" Thick Bar Channel | 5.89 | |
| | | *For 316 Stainless Steel, Add* | *7.42* | |
| | | *For Aluminum, Add* | *0.42* | |
| | | *For Galvanized Steel, Add* | *1.44* | |
| | | *For 304 Stainless Steel, Add* | *6.61* | |
| | | *For High Strength Steel (HSS), Add* | *1.18* | |
| 05 12 23 00-0504 | LF | 1-1/2" x 3/4" x 1/8" Thick Bar Channel | 6.69 | |
| | | *For 316 Stainless Steel, Add* | *7.74* | |
| | | *For Aluminum, Add* | *0.44* | |
| | | *For Galvanized Steel, Add* | *1.50* | |
| | | *For 304 Stainless Steel, Add* | *6.90* | |
| | | *For High Strength Steel (HSS), Add* | *1.34* | |
| 05 12 23 00-0505 | LF | 2" x 1/2" x 1/8" Thick Bar Channel | 7.23 | |
| | | *For 316 Stainless Steel, Add* | *9.47* | |
| | | *For Aluminum, Add* | *0.53* | |
| | | *For Galvanized Steel, Add* | *1.84* | |
| | | *For 304 Stainless Steel, Add* | *8.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0506 | LF | 2" x 1" x 1/8" Thick Bar Channel | 9.41 | |
| | | *For 316 Stainless Steel, Add* | *10.59* | |
| | | *For Aluminum, Add* | *0.60* | |
| | | *For Galvanized Steel, Add* | *2.05* | |
| | | *For 304 Stainless Steel, Add* | *9.43* | |
| **05 12 23 00-0507** | | **Channels - C** *(05 12 23 00-0392)* | | |
| 05 12 23 00-0508 | LF | C2 x 1.78 - 2" Wide Channel | 7.83 | 3.76 |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.57* | |
| | | *For >500 To 1,000, Deduct* | *-0.89* | |
| | | *For >1,000, Deduct* | *-1.21* | |
| | | *For 316 Stainless Steel, Add* | *8.99* | |
| | | *For Aluminum, Add* | *0.51* | |
| | | *For Galvanized Steel, Add* | *1.74* | |
| | | *For 304 Stainless Steel, Add* | *8.01* | |
| 05 12 23 00-0509 | LF | C3 x 4.1 - 3" Wide Channel | 13.81 | 5.41 |
| | | *For >100 To 250, Deduct* | *-0.54* | |
| | | *For >250 To 500, Deduct* | *-0.89* | |
| | | *For >500 To 1,000, Deduct* | *-1.41* | |
| | | *For >1,000, Deduct* | *-1.94* | |
| | | *For 316 Stainless Steel, Add* | *21.12* | |
| | | *For Aluminum, Add* | *1.19* | |
| | | *For Galvanized Steel, Add* | *4.09* | |
| | | *For 304 Stainless Steel, Add* | *18.81* | |
| 05 12 23 00-0510 | LF | C3 x 5 - 3" Wide Channel | 16.85 | 6.60 |
| | | *For >100 To 250, Deduct* | *-0.66* | |
| | | *For >250 To 500, Deduct* | *-1.08* | |
| | | *For >500 To 1,000, Deduct* | *-1.72* | |
| | | *For >1,000, Deduct* | *-2.36* | |
| | | *For 316 Stainless Steel, Add* | *25.76* | |
| | | *For Aluminum, Add* | *1.45* | |
| | | *For Galvanized Steel, Add* | *4.99* | |
| | | *For 304 Stainless Steel, Add* | *22.94* | |
| 05 12 23 00-0511 | LF | C3 x 6 - 3" Wide Channel | 20.22 | 7.92 |
| | | *For >100 To 250, Deduct* | *-0.79* | |
| | | *For >250 To 500, Deduct* | *-1.30* | |
| | | *For >500 To 1,000, Deduct* | *-2.07* | |
| | | *For >1,000, Deduct* | *-2.84* | |
| | | *For 316 Stainless Steel, Add* | *30.91* | |
| | | *For Aluminum, Add* | *1.74* | |
| | | *For Galvanized Steel, Add* | *5.99* | |
| | | *For 304 Stainless Steel, Add* | *27.53* | |
| 05 12 23 00-0512 | LF | C4 x 5.4 - 4" Wide Channel | 17.34 | 6.49 |
| | | *For >100 To 250, Deduct* | *-0.65* | |
| | | *For >250 To 500, Deduct* | *-1.08* | |
| | | *For >500 To 1,000, Deduct* | *-1.73* | |
| | | *For >1,000, Deduct* | *-2.38* | |
| | | *For 316 Stainless Steel, Add* | *27.81* | |
| | | *For Aluminum, Add* | *1.56* | |
| | | *For Galvanized Steel, Add* | *5.39* | |
| | | *For 304 Stainless Steel, Add* | *24.77* | |
| 05 12 23 00-0513 | LF | C4 x 7.25 - 4" Wide Channel | 23.29 | 8.71 |
| | | *For >100 To 250, Deduct* | *-0.87* | |
| | | *For >250 To 500, Deduct* | *-1.45* | |
| | | *For >500 To 1,000, Deduct* | *-2.33* | |
| | | *For >1,000, Deduct* | *-3.20* | |
| | | *For 316 Stainless Steel, Add* | *37.34* | |
| | | *For Aluminum, Add* | *2.10* | |
| | | *For Galvanized Steel, Add* | *7.24* | |
| | | *For 304 Stainless Steel, Add* | *33.26* | |
| 05 12 23 00-0514 | LF | C5 x 6.7 - 5" Wide Channel | 20.88 | 7.57 |
| | | *For >100 To 250, Deduct* | *-0.76* | |
| | | *For >250 To 500, Deduct* | *-1.28* | |
| | | *For >500 To 1,000, Deduct* | *-2.05* | |
| | | *For >1,000, Deduct* | *-2.83* | |
| | | *For 316 Stainless Steel, Add* | *34.50* | |
| | | *For Aluminum, Add* | *1.94* | |
| | | *For Galvanized Steel, Add* | *6.68* | |
| | | *For 304 Stainless Steel, Add* | *30.72* | |
| 05 12 23 00-0515 | LF | C5 x 9 - 5" Wide Channel | 28.04 | 10.17 |
| | | *For >100 To 250, Deduct* | *-1.02* | |
| | | *For >250 To 500, Deduct* | *-1.72* | |
| | | *For >500 To 1,000, Deduct* | *-2.76* | |
| | | *For >1,000, Deduct* | *-3.80* | |
| | | *For 316 Stainless Steel, Add* | *46.34* | |
| | | *For Aluminum, Add* | *2.61* | |
| | | *For Galvanized Steel, Add* | *8.98* | |
| | | *For 304 Stainless Steel, Add* | *41.27* | |
| 05 12 23 00-0516 | LF | C6 x 8.2 - 6" Wide Channel | 25.32 | 9.09 |
| | | *For >100 To 250, Deduct* | *-0.91* | |
| | | *For >250 To 500, Deduct* | *-1.54* | |
| | | *For >500 To 1,000, Deduct* | *-2.48* | |
| | | *For >1,000, Deduct* | *-3.41* | |
| | | *For 316 Stainless Steel, Add* | *42.24* | |
| | | *For Aluminum, Add* | *2.38* | |
| | | *For Galvanized Steel, Add* | *8.18* | |
| | | *For 304 Stainless Steel, Add* | *37.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0517 | LF | C6 x 10.5 - 6" Wide Channel | 32.41 | 11.64 |
| | | *For >100 To 250, Deduct* | *-1.16* | |
| | | *For >250 To 500, Deduct* | *-1.97* | |
| | | *For >500 To 1,000, Deduct* | *-3.17* | |
| | | *For >1,000, Deduct* | *-4.37* | |
| | | *For 316 Stainless Steel, Add* | *54.08* | |
| | | *For Aluminum, Add* | *3.04* | |
| | | *For Galvanized Steel, Add* | *10.48* | |
| | | *For 304 Stainless Steel, Add* | *48.17* | |
| 05 12 23 00-0518 | LF | C6 x 13 - 6" Wide Channel | 40.14 | 14.41 |
| | | *For >100 To 250, Deduct* | *-1.44* | |
| | | *For >250 To 500, Deduct* | *-2.45* | |
| | | *For >500 To 1,000, Deduct* | *-3.93* | |
| | | *For >1,000, Deduct* | *-5.41* | |
| | | *For 316 Stainless Steel, Add* | *66.94* | |
| | | *For Aluminum, Add* | *3.77* | |
| | | *For Galvanized Steel, Add* | *12.97* | |
| | | *For 304 Stainless Steel, Add* | *59.62* | |
| 05 12 23 00-0519 | LF | C7 x 9.8 - 7" Wide Channel | 30.20 | 10.82 |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.84* | |
| | | *For >500 To 1,000, Deduct* | *-2.95* | |
| | | *For >1,000, Deduct* | *-4.07* | |
| | | *For 316 Stainless Steel, Add* | *50.46* | |
| | | *For Aluminum, Add* | *2.84* | |
| | | *For Galvanized Steel, Add* | *9.78* | |
| | | *For 304 Stainless Steel, Add* | *44.94* | |
| 05 12 23 00-0520 | LF | C7 x 12.25 - 7" Wide Channel | 37.74 | 13.52 |
| | | *For >100 To 250, Deduct* | *-1.35* | |
| | | *For >250 To 500, Deduct* | *-2.30* | |
| | | *For >500 To 1,000, Deduct* | *-3.69* | |
| | | *For >1,000, Deduct* | *-5.08* | |
| | | *For 316 Stainless Steel, Add* | *63.07* | |
| | | *For Aluminum, Add* | *3.55* | |
| | | *For Galvanized Steel, Add* | *12.22* | |
| | | *For 304 Stainless Steel, Add* | *56.17* | |
| 05 12 23 00-0521 | LF | C7 x 14.75 - 7" Wide Channel | 45.46 | 16.29 |
| | | *For >100 To 250, Deduct* | *-1.63* | |
| | | *For >250 To 500, Deduct* | *-2.77* | |
| | | *For >500 To 1,000, Deduct* | *-4.45* | |
| | | *For >1,000, Deduct* | *-6.12* | |
| | | *For 316 Stainless Steel, Add* | *75.97* | |
| | | *For Aluminum, Add* | *4.27* | |
| | | *For Galvanized Steel, Add* | *14.72* | |
| | | *For 304 Stainless Steel, Add* | *67.66* | |
| 05 12 23 00-0522 | LF | C8 x 11.5 - 8" Wide Channel | 34.38 | 11.90 |
| | | *For >100 To 250, Deduct* | *-1.19* | |
| | | *For >250 To 500, Deduct* | *-2.05* | |
| | | *For >500 To 1,000, Deduct* | *-3.31* | |
| | | *For >1,000, Deduct* | *-4.56* | |
| | | *For 316 Stainless Steel, Add* | *59.23* | |
| | | *For Aluminum, Add* | *3.33* | |
| | | *For Galvanized Steel, Add* | *11.48* | |
| | | *For 304 Stainless Steel, Add* | *52.75* | |
| 05 12 23 00-0523 | LF | C8 x 13.75 - 8" Wide Channel | 41.11 | 14.24 |
| | | *For >100 To 250, Deduct* | *-1.42* | |
| | | *For >250 To 500, Deduct* | *-2.45* | |
| | | *For >500 To 1,000, Deduct* | *-3.95* | |
| | | *For >1,000, Deduct* | *-5.46* | |
| | | *For 316 Stainless Steel, Add* | *70.82* | |
| | | *For Aluminum, Add* | *3.98* | |
| | | *For Galvanized Steel, Add* | *13.72* | |
| | | *For 304 Stainless Steel, Add* | *63.07* | |
| 05 12 23 00-0524 | LF | C8 x 18.75 - 8" Wide Channel | 56.05 | 19.41 |
| | | *For >100 To 250, Deduct* | *-1.94* | |
| | | *For >250 To 500, Deduct* | *-3.34* | |
| | | *For >500 To 1,000, Deduct* | *-5.39* | |
| | | *For >1,000, Deduct* | *-7.44* | |
| | | *For 316 Stainless Steel, Add* | *96.54* | |
| | | *For Aluminum, Add* | *5.43* | |
| | | *For Galvanized Steel, Add* | *18.71* | |
| | | *For 304 Stainless Steel, Add* | *85.98* | |
| 05 12 23 00-0525 | LF | C9 x 13.4 - 9" Wide Channel | 40.05 | 13.87 |
| | | *For >100 To 250, Deduct* | *-1.39* | |
| | | *For >250 To 500, Deduct* | *-2.39* | |
| | | *For >500 To 1,000, Deduct* | *-3.85* | |
| | | *For >1,000, Deduct* | *-5.32* | |
| | | *For 316 Stainless Steel, Add* | *68.99* | |
| | | *For Aluminum, Add* | *3.88* | |
| | | *For Galvanized Steel, Add* | *13.37* | |
| | | *For 304 Stainless Steel, Add* | *61.45* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0526 | LF | C9 x 15 - 9" Wide Channel | 44.84 | 15.52 |
| | | *For >100 To 250, Deduct* | *-1.55* | |
| | | *For >250 To 500, Deduct* | *-2.67* | |
| | | *For >500 To 1,000, Deduct* | *-4.31* | |
| | | *For >1,000, Deduct* | *-5.95* | |
| | | *For 316 Stainless Steel, Add* | *77.25* | |
| | | *For Aluminum, Add* | *4.35* | |
| | | *For Galvanized Steel, Add* | *14.97* | |
| | | *For 304 Stainless Steel, Add* | *68.80* | |
| 05 12 23 00-0527 | LF | C9 x 20 - 9" Wide Channel | 59.78 | 20.70 |
| | | *For >100 To 250, Deduct* | *-2.07* | |
| | | *For >250 To 500, Deduct* | *-3.56* | |
| | | *For >500 To 1,000, Deduct* | *-5.75* | |
| | | *For >1,000, Deduct* | *-7.93* | |
| | | *For 316 Stainless Steel, Add* | *102.98* | |
| | | *For Aluminum, Add* | *5.79* | |
| | | *For Galvanized Steel, Add* | *19.95* | |
| | | *For 304 Stainless Steel, Add* | *91.71* | |
| 05 12 23 00-0528 | LF | C10 x 15.3 - 10" Wide Channel | 45.74 | 15.83 |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-2.73* | |
| | | *For >500 To 1,000, Deduct* | *-4.40* | |
| | | *For >1,000, Deduct* | *-6.07* | |
| | | *For 316 Stainless Steel, Add* | *78.78* | |
| | | *For Aluminum, Add* | *4.43* | |
| | | *For Galvanized Steel, Add* | *15.26* | |
| | | *For 304 Stainless Steel, Add* | *70.17* | |
| 05 12 23 00-0529 | LF | C10 x 20 - 10" Wide Channel | 59.78 | 20.70 |
| | | *For >100 To 250, Deduct* | *-2.07* | |
| | | *For >250 To 500, Deduct* | *-3.56* | |
| | | *For >500 To 1,000, Deduct* | *-5.75* | |
| | | *For >1,000, Deduct* | *-7.93* | |
| | | *For 316 Stainless Steel, Add* | *102.98* | |
| | | *For Aluminum, Add* | *5.79* | |
| | | *For Galvanized Steel, Add* | *19.95* | |
| | | *For 304 Stainless Steel, Add* | *91.71* | |
| 05 12 23 00-0530 | LF | C10 x 25 - 10" Wide Channel | 74.73 | 25.88 |
| | | *For >100 To 250, Deduct* | *-2.59* | |
| | | *For >250 To 500, Deduct* | *-4.46* | |
| | | *For >500 To 1,000, Deduct* | *-7.19* | |
| | | *For >1,000, Deduct* | *-9.92* | |
| | | *For 316 Stainless Steel, Add* | *128.74* | |
| | | *For Aluminum, Add* | *7.24* | |
| | | *For Galvanized Steel, Add* | *24.94* | |
| | | *For 304 Stainless Steel, Add* | *114.66* | |
| 05 12 23 00-0531 | LF | C10 x 30 - 10" Wide Channel | 89.68 | 31.05 |
| | | *For >100 To 250, Deduct* | *-3.11* | |
| | | *For >250 To 500, Deduct* | *-5.35* | |
| | | *For >500 To 1,000, Deduct* | *-8.62* | |
| | | *For >1,000, Deduct* | *-11.90* | |
| | | *For 316 Stainless Steel, Add* | *154.50* | |
| | | *For Aluminum, Add* | *8.69* | |
| | | *For Galvanized Steel, Add* | *29.93* | |
| | | *For 304 Stainless Steel, Add* | *137.60* | |
| 05 12 23 00-0532 | LF | C12 x 20.7 - 12" Wide Channel | 61.88 | 21.43 |
| | | *For >100 To 250, Deduct* | *-2.14* | |
| | | *For >250 To 500, Deduct* | *-3.69* | |
| | | *For >500 To 1,000, Deduct* | *-5.95* | |
| | | *For >1,000, Deduct* | *-8.21* | |
| | | *For 316 Stainless Steel, Add* | *106.59* | |
| | | *For Aluminum, Add* | *6.00* | |
| | | *For Galvanized Steel, Add* | *20.65* | |
| | | *For 304 Stainless Steel, Add* | *94.93* | |
| 05 12 23 00-0533 | LF | C12 x 25 - 12" Wide Channel | 74.73 | 25.88 |
| | | *For >100 To 250, Deduct* | *-2.59* | |
| | | *For >250 To 500, Deduct* | *-4.46* | |
| | | *For >500 To 1,000, Deduct* | *-7.19* | |
| | | *For >1,000, Deduct* | *-9.92* | |
| | | *For 316 Stainless Steel, Add* | *128.74* | |
| | | *For Aluminum, Add* | *7.24* | |
| | | *For Galvanized Steel, Add* | *24.94* | |
| | | *For 304 Stainless Steel, Add* | *114.66* | |
| 05 12 23 00-0534 | LF | C12 x 30 - 12" Wide Channel | 89.68 | 31.05 |
| | | *For >100 To 250, Deduct* | *-3.11* | |
| | | *For >250 To 500, Deduct* | *-5.35* | |
| | | *For >500 To 1,000, Deduct* | *-8.62* | |
| | | *For >1,000, Deduct* | *-11.90* | |
| | | *For 316 Stainless Steel, Add* | *154.50* | |
| | | *For Aluminum, Add* | *8.69* | |
| | | *For Galvanized Steel, Add* | *29.93* | |
| | | *For 304 Stainless Steel, Add* | *137.60* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0535 | LF | C15 x 33.9 - 15" Wide Channel | 101.33 | 35.08 |
| | | *For >100 To 250, Deduct* | *-3.51* | |
| | | *For >250 To 500, Deduct* | *-6.04* | |
| | | *For >500 To 1,000, Deduct* | *-9.74* | |
| | | *For >1,000, Deduct* | *-13.45* | |
| | | *For 316 Stainless Steel, Add* | *174.56* | |
| | | *For Aluminum, Add* | *9.82* | |
| | | *For Galvanized Steel, Add* | *33.82* | |
| | | *For 304 Stainless Steel, Add* | *155.47* | |
| 05 12 23 00-0536 | LF | C15 x 40 - 15" Wide Channel | 119.57 | 41.40 |
| | | *For >100 To 250, Deduct* | *-4.14* | |
| | | *For >250 To 500, Deduct* | *-7.13* | |
| | | *For >500 To 1,000, Deduct* | *-11.50* | |
| | | *For >1,000, Deduct* | *-15.87* | |
| | | *For 316 Stainless Steel, Add* | *205.98* | |
| | | *For Aluminum, Add* | *11.59* | |
| | | *For Galvanized Steel, Add* | *39.91* | |
| | | *For 304 Stainless Steel, Add* | *183.45* | |
| 05 12 23 00-0537 | LF | C15 x 50 - 15" Wide Channel | 149.46 | 51.74 |
| | | *For >100 To 250, Deduct* | *-5.18* | |
| | | *For >250 To 500, Deduct* | *-8.91* | |
| | | *For >500 To 1,000, Deduct* | *-14.37* | |
| | | *For >1,000, Deduct* | *-19.83* | |
| | | *For 316 Stainless Steel, Add* | *257.47* | |
| | | *For Aluminum, Add* | *14.48* | |
| | | *For Galvanized Steel, Add* | *49.89* | |
| | | *For 304 Stainless Steel, Add* | *229.31* | |

## 05 12 23 00-0538 Miscellaneous Channels - MC *(05 12 23 00-0392)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0539 | LF | MC6 x 12 - 6" Wide Channel | 37.05 | 13.30 |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-2.26* | |
| | | *For >500 To 1,000, Deduct* | *-3.63* | |
| | | *For >1,000, Deduct* | *-5.00* | |
| | | *For 316 Stainless Steel, Add* | *61.79* | |
| | | *For Aluminum, Add* | *3.48* | |
| | | *For Galvanized Steel, Add* | *11.97* | |
| | | *For 304 Stainless Steel, Add* | *55.03* | |
| 05 12 23 00-0540 | LF | MC6 x 15.1 - 6" Wide Channel | 46.62 | 16.74 |
| | | *For >100 To 250, Deduct* | *-1.67* | |
| | | *For >250 To 500, Deduct* | *-2.84* | |
| | | *For >500 To 1,000, Deduct* | *-4.56* | |
| | | *For >1,000, Deduct* | *-6.29* | |
| | | *For 316 Stainless Steel, Add* | *77.76* | |
| | | *For Aluminum, Add* | *4.37* | |
| | | *For Galvanized Steel, Add* | *15.07* | |
| | | *For 304 Stainless Steel, Add* | *69.26* | |
| 05 12 23 00-0541 | LF | MC6 x 15.3 - 6" Wide Channel | 47.23 | 16.96 |
| | | *For >100 To 250, Deduct* | *-1.70* | |
| | | *For >250 To 500, Deduct* | *-2.88* | |
| | | *For >500 To 1,000, Deduct* | *-4.62* | |
| | | *For >1,000, Deduct* | *-6.37* | |
| | | *For 316 Stainless Steel, Add* | *78.78* | |
| | | *For Aluminum, Add* | *4.43* | |
| | | *For Galvanized Steel, Add* | *15.26* | |
| | | *For 304 Stainless Steel, Add* | *70.17* | |
| 05 12 23 00-0542 | LF | MC6 x 16.3 - 6" Wide Channel | 50.32 | 18.06 |
| | | *For >100 To 250, Deduct* | *-1.81* | |
| | | *For >250 To 500, Deduct* | *-3.06* | |
| | | *For >500 To 1,000, Deduct* | *-4.93* | |
| | | *For >1,000, Deduct* | *-6.79* | |
| | | *For 316 Stainless Steel, Add* | *83.94* | |
| | | *For Aluminum, Add* | *4.72* | |
| | | *For Galvanized Steel, Add* | *16.26* | |
| | | *For 304 Stainless Steel, Add* | *74.76* | |
| 05 12 23 00-0543 | LF | MC6 x 18 - 6" Wide Channel | 55.57 | 19.95 |
| | | *For >100 To 250, Deduct* | *-2.00* | |
| | | *For >250 To 500, Deduct* | *-3.38* | |
| | | *For >500 To 1,000, Deduct* | *-5.44* | |
| | | *For >1,000, Deduct* | *-7.49* | |
| | | *For 316 Stainless Steel, Add* | *92.70* | |
| | | *For Aluminum, Add* | *5.21* | |
| | | *For Galvanized Steel, Add* | *17.96* | |
| | | *For 304 Stainless Steel, Add* | *82.56* | |
| 05 12 23 00-0544 | LF | MC7 x 17.6 - 7" Wide Channel | 54.23 | 19.44 |
| | | *For >100 To 250, Deduct* | *-1.94* | |
| | | *For >250 To 500, Deduct* | *-3.30* | |
| | | *For >500 To 1,000, Deduct* | *-5.30* | |
| | | *For >1,000, Deduct* | *-7.31* | |
| | | *For 316 Stainless Steel, Add* | *90.62* | |
| | | *For Aluminum, Add* | *5.10* | |
| | | *For Galvanized Steel, Add* | *17.56* | |
| | | *For 304 Stainless Steel, Add* | *80.71* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0545 | LF | MC7 x 19.1 - 7" Wide Channel | 58.87 | 21.10 |
| | | *For >100 To 250, Deduct* | *-2.11* | |
| | | *For >250 To 500, Deduct* | *-3.58* | |
| | | *For >500 To 1,000, Deduct* | *-5.76* | |
| | | *For >1,000, Deduct* | *-7.93* | |
| | | *For 316 Stainless Steel, Add* | *98.37* | |
| | | *For Aluminum, Add* | *5.53* | |
| | | *For Galvanized Steel, Add* | *19.06* | |
| | | *For 304 Stainless Steel, Add* | *87.61* | |
| 05 12 23 00-0546 | LF | MC7 x 22.7 - 7" Wide Channel | 69.95 | 25.07 |
| | | *For >100 To 250, Deduct* | *-2.51* | |
| | | *For >250 To 500, Deduct* | *-4.26* | |
| | | *For >500 To 1,000, Deduct* | *-6.84* | |
| | | *For >1,000, Deduct* | *-9.42* | |
| | | *For 316 Stainless Steel, Add* | *116.90* | |
| | | *For Aluminum, Add* | *6.58* | |
| | | *For Galvanized Steel, Add* | *22.65* | |
| | | *For 304 Stainless Steel, Add* | *104.11* | |
| 05 12 23 00-0547 | LF | MC8 x 8.5 - 8" Wide Channel | 25.42 | 8.80 |
| | | *For >100 To 250, Deduct* | *-0.88* | |
| | | *For >250 To 500, Deduct* | *-1.52* | |
| | | *For >500 To 1,000, Deduct* | *-2.45* | |
| | | *For >1,000, Deduct* | *-3.37* | |
| | | *For 316 Stainless Steel, Add* | *43.78* | |
| | | *For Aluminum, Add* | *2.46* | |
| | | *For Galvanized Steel, Add* | *8.48* | |
| | | *For 304 Stainless Steel, Add* | *38.99* | |
| 05 12 23 00-0548 | LF | MC8 x 18.7 - 8" Wide Channel | 55.90 | 19.35 |
| | | *For >100 To 250, Deduct* | *-1.94* | |
| | | *For >250 To 500, Deduct* | *-3.33* | |
| | | *For >500 To 1,000, Deduct* | *-5.38* | |
| | | *For >1,000, Deduct* | *-7.42* | |
| | | *For 316 Stainless Steel, Add* | *96.29* | |
| | | *For Aluminum, Add* | *5.42* | |
| | | *For Galvanized Steel, Add* | *18.66* | |
| | | *For 304 Stainless Steel, Add* | *85.76* | |
| 05 12 23 00-0549 | LF | MC8 x 20 - 8" Wide Channel | 59.78 | 20.70 |
| | | *For >100 To 250, Deduct* | *-2.07* | |
| | | *For >250 To 500, Deduct* | *-3.56* | |
| | | *For >500 To 1,000, Deduct* | *-5.75* | |
| | | *For >1,000, Deduct* | *-7.93* | |
| | | *For 316 Stainless Steel, Add* | *102.98* | |
| | | *For Aluminum, Add* | *5.79* | |
| | | *For Galvanized Steel, Add* | *19.95* | |
| | | *For 304 Stainless Steel, Add* | *91.71* | |
| 05 12 23 00-0550 | LF | MC8 x 21.4 - 8" Wide Channel | 63.98 | 22.16 |
| | | *For >100 To 250, Deduct* | *-2.22* | |
| | | *For >250 To 500, Deduct* | *-3.82* | |
| | | *For >500 To 1,000, Deduct* | *-6.15* | |
| | | *For >1,000, Deduct* | *-8.49* | |
| | | *For 316 Stainless Steel, Add* | *110.21* | |
| | | *For Aluminum, Add* | *6.20* | |
| | | *For Galvanized Steel, Add* | *21.35* | |
| | | *For 304 Stainless Steel, Add* | *98.15* | |
| 05 12 23 00-0551 | LF | MC8 x 22.8 - 8" Wide Channel | 68.15 | 23.61 |
| | | *For >100 To 250, Deduct* | *-2.36* | |
| | | *For >250 To 500, Deduct* | *-4.06* | |
| | | *For >500 To 1,000, Deduct* | *-6.55* | |
| | | *For >1,000, Deduct* | *-9.04* | |
| | | *For 316 Stainless Steel, Add* | *117.41* | |
| | | *For Aluminum, Add* | *6.60* | |
| | | *For Galvanized Steel, Add* | *22.75* | |
| | | *For 304 Stainless Steel, Add* | *104.57* | |
| 05 12 23 00-0552 | LF | MC9 x 23.9 - 9" Wide Channel | 71.45 | 24.74 |
| | | *For >100 To 250, Deduct* | *-2.47* | |
| | | *For >250 To 500, Deduct* | *-4.26* | |
| | | *For >500 To 1,000, Deduct* | *-6.87* | |
| | | *For >1,000, Deduct* | *-9.48* | |
| | | *For 316 Stainless Steel, Add* | *123.07* | |
| | | *For Aluminum, Add* | *6.92* | |
| | | *For Galvanized Steel, Add* | *23.85* | |
| | | *For 304 Stainless Steel, Add* | *109.61* | |
| 05 12 23 00-0553 | LF | MC9 x 25.4 - 9" Wide Channel | 75.92 | 26.29 |
| | | *For >100 To 250, Deduct* | *-2.63* | |
| | | *For >250 To 500, Deduct* | *-4.53* | |
| | | *For >500 To 1,000, Deduct* | *-7.30* | |
| | | *For >1,000, Deduct* | *-10.08* | |
| | | *For 316 Stainless Steel, Add* | *130.78* | |
| | | *For Aluminum, Add* | *7.36* | |
| | | *For Galvanized Steel, Add* | *25.34* | |
| | | *For 304 Stainless Steel, Add* | *116.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0554 | LF | MC10 x 6.5 - 10" Wide Channel | 19.44 | 6.73 |
| | | *For >100 To 250, Deduct* | *-0.67* | |
| | | *For >250 To 500, Deduct* | *-1.16* | |
| | | *For >500 To 1,000, Deduct* | *-1.87* | |
| | | *For >1,000, Deduct* | *-2.58* | |
| | | *For 316 Stainless Steel, Add* | *33.47* | |
| | | *For Aluminum, Add* | *1.88* | |
| | | *For Galvanized Steel, Add* | *6.49* | |
| | | *For 304 Stainless Steel, Add* | *29.81* | |
| 05 12 23 00-0555 | LF | MC10 x 8.4 - 10" Wide Channel | 25.11 | 8.69 |
| | | *For >100 To 250, Deduct* | *-0.87* | |
| | | *For >250 To 500, Deduct* | *-1.50* | |
| | | *For >500 To 1,000, Deduct* | *-2.41* | |
| | | *For >1,000, Deduct* | *-3.33* | |
| | | *For 316 Stainless Steel, Add* | *43.26* | |
| | | *For Aluminum, Add* | *2.43* | |
| | | *For Galvanized Steel, Add* | *8.38* | |
| | | *For 304 Stainless Steel, Add* | *38.53* | |
| 05 12 23 00-0556 | LF | MC10 x 21.9 - 10" Wide Channel | 65.46 | 22.67 |
| | | *For >100 To 250, Deduct* | *-2.27* | |
| | | *For >250 To 500, Deduct* | *-3.90* | |
| | | *For >500 To 1,000, Deduct* | *-6.30* | |
| | | *For >1,000, Deduct* | *-8.69* | |
| | | *For 316 Stainless Steel, Add* | *112.77* | |
| | | *For Aluminum, Add* | *6.34* | |
| | | *For Galvanized Steel, Add* | *21.85* | |
| | | *For 304 Stainless Steel, Add* | *100.43* | |
| 05 12 23 00-0557 | LF | MC10 x 24.9 - 10" Wide Channel | 74.44 | 25.78 |
| | | *For >100 To 250, Deduct* | *-2.58* | |
| | | *For >250 To 500, Deduct* | *-4.44* | |
| | | *For >500 To 1,000, Deduct* | *-7.16* | |
| | | *For >1,000, Deduct* | *-9.88* | |
| | | *For 316 Stainless Steel, Add* | *128.22* | |
| | | *For Aluminum, Add* | *7.21* | |
| | | *For Galvanized Steel, Add* | *24.84* | |
| | | *For 304 Stainless Steel, Add* | *114.20* | |
| 05 12 23 00-0558 | LF | MC10 x 25.3 - 10" Wide Channel | 75.62 | 26.19 |
| | | *For >100 To 250, Deduct* | *-2.62* | |
| | | *For >250 To 500, Deduct* | *-4.51* | |
| | | *For >500 To 1,000, Deduct* | *-7.27* | |
| | | *For >1,000, Deduct* | *-10.04* | |
| | | *For 316 Stainless Steel, Add* | *130.27* | |
| | | *For Aluminum, Add* | *7.33* | |
| | | *For Galvanized Steel, Add* | *25.24* | |
| | | *For 304 Stainless Steel, Add* | *116.02* | |
| 05 12 23 00-0559 | LF | MC10 x 28.3 - 10" Wide Channel | 84.60 | 29.28 |
| | | *For >100 To 250, Deduct* | *-2.93* | |
| | | *For >250 To 500, Deduct* | *-5.04* | |
| | | *For >500 To 1,000, Deduct* | *-8.14* | |
| | | *For >1,000, Deduct* | *-11.23* | |
| | | *For 316 Stainless Steel, Add* | *145.73* | |
| | | *For Aluminum, Add* | *8.20* | |
| | | *For Galvanized Steel, Add* | *28.23* | |
| | | *For 304 Stainless Steel, Add* | *129.79* | |
| 05 12 23 00-0560 | LF | MC10 x 28.5 - 10" Wide Channel | 85.19 | 29.50 |
| | | *For >100 To 250, Deduct* | *-2.95* | |
| | | *For >250 To 500, Deduct* | *-5.08* | |
| | | *For >500 To 1,000, Deduct* | *-8.19* | |
| | | *For >1,000, Deduct* | *-11.31* | |
| | | *For 316 Stainless Steel, Add* | *146.75* | |
| | | *For Aluminum, Add* | *8.25* | |
| | | *For Galvanized Steel, Add* | *28.43* | |
| | | *For 304 Stainless Steel, Add* | *130.70* | |
| 05 12 23 00-0561 | LF | MC10 x 33.6 - 10" Wide Channel | 100.44 | 34.78 |
| | | *For >100 To 250, Deduct* | *-3.48* | |
| | | *For >250 To 500, Deduct* | *-5.99* | |
| | | *For >500 To 1,000, Deduct* | *-9.66* | |
| | | *For >1,000, Deduct* | *-13.33* | |
| | | *For 316 Stainless Steel, Add* | *173.02* | |
| | | *For Aluminum, Add* | *9.73* | |
| | | *For Galvanized Steel, Add* | *33.52* | |
| | | *For 304 Stainless Steel, Add* | *154.10* | |
| 05 12 23 00-0562 | LF | MC10 x 41.1 - 10" Wide Channel | 122.85 | 42.55 |
| | | *For >100 To 250, Deduct* | *-4.25* | |
| | | *For >250 To 500, Deduct* | *-7.32* | |
| | | *For >500 To 1,000, Deduct* | *-11.81* | |
| | | *For >1,000, Deduct* | *-16.30* | |
| | | *For 316 Stainless Steel, Add* | *211.65* | |
| | | *For Aluminum, Add* | *11.91* | |
| | | *For Galvanized Steel, Add* | *41.01* | |
| | | *For 304 Stainless Steel, Add* | *188.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0563 | LF | MC12 x 30.9 - 12" Wide Channel | 92.37 | 31.98 |
| | | *For >100 To 250, Deduct* | *-3.20* | |
| | | *For >250 To 500, Deduct* | *-5.51* | |
| | | *For >500 To 1,000, Deduct* | *-8.88* | |
| | | *For >1,000, Deduct* | *-12.26* | |
| | | *For 316 Stainless Steel, Add* | *159.10* | |
| | | *For Aluminum, Add* | *8.95* | |
| | | *For Galvanized Steel, Add* | *30.83* | |
| | | *For 304 Stainless Steel, Add* | *141.70* | |
| 05 12 23 00-0564 | LF | MC12 x 32.9 - 12" Wide Channel | 98.35 | 34.04 |
| | | *For >100 To 250, Deduct* | *-3.41* | |
| | | *For >250 To 500, Deduct* | *-5.86* | |
| | | *For >500 To 1,000, Deduct* | *-9.46* | |
| | | *For >1,000, Deduct* | *-13.05* | |
| | | *For 316 Stainless Steel, Add* | *169.41* | |
| | | *For Aluminum, Add* | *9.53* | |
| | | *For Galvanized Steel, Add* | *32.82* | |
| | | *For 304 Stainless Steel, Add* | *150.88* | |
| 05 12 23 00-0565 | LF | MC12 x 35 - 12" Wide Channel | 104.62 | 36.22 |
| | | *For >100 To 250, Deduct* | *-3.62* | |
| | | *For >250 To 500, Deduct* | *-6.24* | |
| | | *For >500 To 1,000, Deduct* | *-10.06* | |
| | | *For >1,000, Deduct* | *-13.88* | |
| | | *For 316 Stainless Steel, Add* | *180.22* | |
| | | *For Aluminum, Add* | *10.14* | |
| | | *For Galvanized Steel, Add* | *34.92* | |
| | | *For 304 Stainless Steel, Add* | *160.51* | |
| 05 12 23 00-0566 | LF | MC12 x 37 - 12" Wide Channel | 110.61 | 38.30 |
| | | *For >100 To 250, Deduct* | *-3.83* | |
| | | *For >250 To 500, Deduct* | *-6.60* | |
| | | *For >500 To 1,000, Deduct* | *-10.64* | |
| | | *For >1,000, Deduct* | *-14.68* | |
| | | *For 316 Stainless Steel, Add* | *190.53* | |
| | | *For Aluminum, Add* | *10.72* | |
| | | *For Galvanized Steel, Add* | *36.91* | |
| | | *For 304 Stainless Steel, Add* | *169.69* | |
| 05 12 23 00-0567 | LF | MC12 x 40 - 12" Wide Channel | 119.57 | 41.40 |
| | | *For >100 To 250, Deduct* | *-4.14* | |
| | | *For >250 To 500, Deduct* | *-7.13* | |
| | | *For >500 To 1,000, Deduct* | *-11.50* | |
| | | *For >1,000, Deduct* | *-15.87* | |
| | | *For 316 Stainless Steel, Add* | *205.98* | |
| | | *For Aluminum, Add* | *11.59* | |
| | | *For Galvanized Steel, Add* | *39.91* | |
| | | *For 304 Stainless Steel, Add* | *183.45* | |
| 05 12 23 00-0568 | LF | MC12 x 45 - 12" Wide Channel | 134.52 | 46.58 |
| | | *For >100 To 250, Deduct* | *-4.66* | |
| | | *For >250 To 500, Deduct* | *-8.02* | |
| | | *For >500 To 1,000, Deduct* | *-12.94* | |
| | | *For >1,000, Deduct* | *-17.85* | |
| | | *For 316 Stainless Steel, Add* | *231.71* | |
| | | *For Aluminum, Add* | *13.03* | |
| | | *For Galvanized Steel, Add* | *44.89* | |
| | | *For 304 Stainless Steel, Add* | *206.37* | |
| 05 12 23 00-0569 | LF | MC12 x 50 - 12" Wide Channel | 149.46 | 51.75 |
| | | *For >100 To 250, Deduct* | *-5.18* | |
| | | *For >250 To 500, Deduct* | *-8.91* | |
| | | *For >500 To 1,000, Deduct* | *-14.37* | |
| | | *For >1,000, Deduct* | *-19.83* | |
| | | *For 316 Stainless Steel, Add* | *257.47* | |
| | | *For Aluminum, Add* | *14.48* | |
| | | *For Galvanized Steel, Add* | *49.89* | |
| | | *For 304 Stainless Steel, Add* | *229.31* | |
| 05 12 23 00-0570 | LF | MC13 x 31.8 - 13" Wide Channel | 95.06 | 32.92 |
| | | *For >100 To 250, Deduct* | *-3.29* | |
| | | *For >250 To 500, Deduct* | *-5.67* | |
| | | *For >500 To 1,000, Deduct* | *-9.14* | |
| | | *For >1,000, Deduct* | *-12.62* | |
| | | *For 316 Stainless Steel, Add* | *163.74* | |
| | | *For Aluminum, Add* | *9.21* | |
| | | *For Galvanized Steel, Add* | *31.73* | |
| | | *For 304 Stainless Steel, Add* | *145.83* | |
| 05 12 23 00-0571 | LF | MC13 x 35 - 13" Wide Channel | 104.62 | 36.22 |
| | | *For >100 To 250, Deduct* | *-3.62* | |
| | | *For >250 To 500, Deduct* | *-6.24* | |
| | | *For >500 To 1,000, Deduct* | *-10.06* | |
| | | *For >1,000, Deduct* | *-13.88* | |
| | | *For 316 Stainless Steel, Add* | *180.22* | |
| | | *For Aluminum, Add* | *10.14* | |
| | | *For Galvanized Steel, Add* | *34.92* | |
| | | *For 304 Stainless Steel, Add* | *160.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0572 | LF | MC13 x 40 - 13" Wide Channel | 119.57 | 41.40 |
| | | *For >100 To 250, Deduct* | *-4.14* | |
| | | *For >250 To 500, Deduct* | *-7.13* | |
| | | *For >500 To 1,000, Deduct* | *-11.50* | |
| | | *For >1,000, Deduct* | *-15.87* | |
| | | *For 316 Stainless Steel, Add* | *205.98* | |
| | | *For Aluminum, Add* | *11.59* | |
| | | *For Galvanized Steel, Add* | *39.91* | |
| | | *For 304 Stainless Steel, Add* | *183.45* | |
| 05 12 23 00-0573 | LF | MC13 x 50 - 13" Wide Channel | 149.46 | 51.75 |
| | | *For >100 To 250, Deduct* | *-5.18* | |
| | | *For >250 To 500, Deduct* | *-8.91* | |
| | | *For >500 To 1,000, Deduct* | *-14.37* | |
| | | *For >1,000, Deduct* | *-19.83* | |
| | | *For 316 Stainless Steel, Add* | *257.47* | |
| | | *For Aluminum, Add* | *14.48* | |
| | | *For Galvanized Steel, Add* | *49.89* | |
| | | *For 304 Stainless Steel, Add* | *229.31* | |
| 05 12 23 00-0574 | LF | MC18 x 42.7 - 18" Wide Channel | 127.64 | 44.20 |
| | | *For >100 To 250, Deduct* | *-4.42* | |
| | | *For >250 To 500, Deduct* | *-7.61* | |
| | | *For >500 To 1,000, Deduct* | *-12.28* | |
| | | *For >1,000, Deduct* | *-16.94* | |
| | | *For 316 Stainless Steel, Add* | *219.87* | |
| | | *For Aluminum, Add* | *12.37* | |
| | | *For Galvanized Steel, Add* | *42.60* | |
| | | *For 304 Stainless Steel, Add* | *195.82* | |
| 05 12 23 00-0575 | LF | MC18 x 45.8 - 18" Wide Channel | 136.90 | 47.41 |
| | | *For >100 To 250, Deduct* | *-4.74* | |
| | | *For >250 To 500, Deduct* | *-8.16* | |
| | | *For >500 To 1,000, Deduct* | *-13.17* | |
| | | *For >1,000, Deduct* | *-18.17* | |
| | | *For 316 Stainless Steel, Add* | *235.84* | |
| | | *For Aluminum, Add* | *13.27* | |
| | | *For Galvanized Steel, Add* | *45.69* | |
| | | *For 304 Stainless Steel, Add* | *210.05* | |
| 05 12 23 00-0576 | LF | MC18 x 51.9 - 18" Wide Channel | 155.15 | 53.72 |
| | | *For >100 To 250, Deduct* | *-5.37* | |
| | | *For >250 To 500, Deduct* | *-9.25* | |
| | | *For >500 To 1,000, Deduct* | *-14.92* | |
| | | *For >1,000, Deduct* | *-20.59* | |
| | | *For 316 Stainless Steel, Add* | *267.26* | |
| | | *For Aluminum, Add* | *15.03* | |
| | | *For Galvanized Steel, Add* | *51.78* | |
| | | *For 304 Stainless Steel, Add* | *238.03* | |
| 05 12 23 00-0577 | LF | MC18 x 58 - 18" Wide Channel | 173.37 | 60.03 |
| | | *For >100 To 250, Deduct* | *-6.00* | |
| | | *For >250 To 500, Deduct* | *-10.34* | |
| | | *For >500 To 1,000, Deduct* | *-16.67* | |
| | | *For >1,000, Deduct* | *-23.01* | |
| | | *For 316 Stainless Steel, Add* | *298.66* | |
| | | *For Aluminum, Add* | *16.80* | |
| | | *For Galvanized Steel, Add* | *57.86* | |
| | | *For 304 Stainless Steel, Add* | *265.99* | |

## 05 12 23 00-0578 Structural Bar Tees *(05 12 23 00-0392)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0579 | LF | 3/4" x 3/4" x 1/8" Structural Bar Tee | 4.97 | 2.75 |
| | | *For >100 To 250, Deduct* | *-0.28* | |
| | | *For >250 To 500, Deduct* | *-0.40* | |
| | | *For >500 To 1,000, Deduct* | *-0.62* | |
| | | *For >1,000, Deduct* | *-0.83* | |
| | | *For 316 Stainless Steel, Add* | *4.16* | |
| | | *For Aluminum, Add* | *0.23* | |
| | | *For Galvanized Steel, Add* | *0.81* | |
| | | *For 304 Stainless Steel, Add* | *3.71* | |
| 05 12 23 00-0580 | LF | 1" x 1" x 1/8" Structural Bar Tee | 6.11 | 3.25 |
| | | *For >100 To 250, Deduct* | *-0.32* | |
| | | *For >250 To 500, Deduct* | *-0.48* | |
| | | *For >500 To 1,000, Deduct* | *-0.74* | |
| | | *For >1,000, Deduct* | *-1.00* | |
| | | *For 316 Stainless Steel, Add* | *5.70* | |
| | | *For Aluminum, Add* | *0.32* | |
| | | *For Galvanized Steel, Add* | *1.10* | |
| | | *For 304 Stainless Steel, Add* | *5.07* | |
| 05 12 23 00-0581 | LF | 1-1/2" x 1-1/2" x 1/4" Structural Bar Tee | 10.10 | 3.75 |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.63* | |
| | | *For >500 To 1,000, Deduct* | *-1.01* | |
| | | *For >1,000, Deduct* | *-1.38* | |
| | | *For 316 Stainless Steel, Add* | *16.32* | |
| | | *For Aluminum, Add* | *0.92* | |
| | | *For Galvanized Steel, Add* | *3.16* | |
| | | *For 304 Stainless Steel, Add* | *14.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0582 | LF | 2" x 2" x 1/4" Structural Bar Tee | 14.13 | 4.90 |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-0.84* | |
| | | *For >500 To 1,000, Deduct* | *-1.36* | |
| | | *For >1,000, Deduct* | *-1.88* | |
| | | *For 316 Stainless Steel, Add* | *24.32* | |
| | | *For Aluminum, Add* | *1.37* | |
| | | *For Galvanized Steel, Add* | *4.71* | |
| | | *For 304 Stainless Steel, Add* | *21.66* | |
| 05 12 23 00-0583 | LF | 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee | 21.54 | 5.92 |
| | | *For >100 To 250, Deduct* | *-0.59* | |
| | | *For >250 To 500, Deduct* | *-1.13* | |
| | | *For >500 To 1,000, Deduct* | *-1.87* | |
| | | *For >1,000, Deduct* | *-2.60* | |
| | | *For 316 Stainless Steel, Add* | *43.68* | |
| | | *For Aluminum, Add* | *2.46* | |
| | | *For Galvanized Steel, Add* | *8.46* | |
| | | *For 304 Stainless Steel, Add* | *38.90* | |
| 05 12 23 00-0584 | LF | 3" x 3" x 3/8" Structural Bar Tee | 26.48 | 7.57 |
| | | *For >100 To 250, Deduct* | *-0.76* | |
| | | *For >250 To 500, Deduct* | *-1.42* | |
| | | *For >500 To 1,000, Deduct* | *-2.33* | |
| | | *For >1,000, Deduct* | *-3.25* | |
| | | *For 316 Stainless Steel, Add* | *52.42* | |
| | | *For Aluminum, Add* | *2.95* | |
| | | *For Galvanized Steel, Add* | *10.16* | |
| | | *For 304 Stainless Steel, Add* | *46.68* | |

## 05 12 23 00-0585 Structural Zees *(05 12 23 00-0392)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0586 | LF | 1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee | 12.61 | 3.75 |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.69* | |
| | | *For >500 To 1,000, Deduct* | *-1.13* | |
| | | *For >1,000, Deduct* | *-1.57* | |
| | | *For 316 Stainless Steel, Add* | *24.35* | |
| | | *For Aluminum, Add* | *1.37* | |
| | | *For Galvanized Steel, Add* | *4.72* | |
| | | *For 304 Stainless Steel, Add* | *21.69* | |
| 05 12 23 00-0587 | LF | 2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee | 24.16 | 4.47 |
| | | *For >100 To 250, Deduct* | *-0.45* | |
| | | *For >250 To 500, Deduct* | *-1.05* | |
| | | *For >500 To 1,000, Deduct* | *-1.80* | |
| | | *For >1,000, Deduct* | *-2.56* | |
| | | *For 316 Stainless Steel, Add* | *58.24* | |
| | | *For Aluminum, Add* | *3.28* | |
| | | *For Galvanized Steel, Add* | *11.28* | |
| | | *For 304 Stainless Steel, Add* | *51.87* | |
| 05 12 23 00-0588 | LF | 3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee | 29.02 | 5.05 |
| | | *For >100 To 250, Deduct* | *-0.51* | |
| | | *For >250 To 500, Deduct* | *-1.23* | |
| | | *For >500 To 1,000, Deduct* | *-2.13* | |
| | | *For >1,000, Deduct* | *-3.02* | |
| | | *For 316 Stainless Steel, Add* | *71.30* | |
| | | *For Aluminum, Add* | *4.01* | |
| | | *For Galvanized Steel, Add* | *13.81* | |
| | | *For 304 Stainless Steel, Add* | *63.50* | |
| 05 12 23 00-0589 | LF | 3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee | 39.21 | 5.77 |
| | | *For >100 To 250, Deduct* | *-0.58* | |
| | | *For >250 To 500, Deduct* | *-1.56* | |
| | | *For >500 To 1,000, Deduct* | *-2.73* | |
| | | *For >1,000, Deduct* | *-3.90* | |
| | | *For 316 Stainless Steel, Add* | *100.86* | |
| | | *For Aluminum, Add* | *5.67* | |
| | | *For Galvanized Steel, Add* | *19.54* | |
| | | *For 304 Stainless Steel, Add* | *89.83* | |
| 05 12 23 00-0590 | LF | 3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee | 51.03 | 6.27 |
| | | *For >100 To 250, Deduct* | *-0.63* | |
| | | *For >250 To 500, Deduct* | *-1.90* | |
| | | *For >500 To 1,000, Deduct* | *-3.39* | |
| | | *For >1,000, Deduct* | *-4.87* | |
| | | *For 316 Stainless Steel, Add* | *136.51* | |
| | | *For Aluminum, Add* | *7.68* | |
| | | *For Galvanized Steel, Add* | *26.45* | |
| | | *For 304 Stainless Steel, Add* | *121.58* | |

## 05 12 23 00-0591 Junior I-Beams *(05 12 23 00-0392)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0592 | LF | 3" Junior I-Beam, 2.9 LB/LF | 17.24 | 5.41 |
| | | *For >100 To 250, Deduct* | *-0.54* | |
| | | *For >250 To 500, Deduct* | *-0.97* | |
| | | *For >500 To 1,000, Deduct* | *-1.58* | |
| | | *For >1,000, Deduct* | *-2.19* | |
| | | *For 316 Stainless Steel, Add* | *32.10* | |
| | | *For Aluminum, Add* | *1.81* | |
| | | *For Galvanized Steel, Add* | *6.22* | |
| | | *For 304 Stainless Steel, Add* | *28.59* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0593 | LF | 4" Junior I-Beam, 3.2 LB/LF | 18.96 | 5.92 |
| | | *For >100 To 250, Deduct* | *-0.59* | |
| | | *For >250 To 500, Deduct* | *-1.07* | |
| | | *For >500 To 1,000, Deduct* | *-1.74* | |
| | | *For >1,000, Deduct* | *-2.41* | |
| | | *For 316 Stainless Steel, Add* | *35.42* | |
| | | *For Aluminum, Add* | *1.99* | |
| | | *For Galvanized Steel, Add* | *6.86* | |
| | | *For 304 Stainless Steel, Add* | *31.55* | |
| 05 12 23 00-0594 | LF | 5" Junior I-Beam, 3.8 LB/LF | 21.79 | 6.49 |
| | | *For >100 To 250, Deduct* | *-0.65* | |
| | | *For >250 To 500, Deduct* | *-1.19* | |
| | | *For >500 To 1,000, Deduct* | *-1.95* | |
| | | *For >1,000, Deduct* | *-2.72* | |
| | | *For 316 Stainless Steel, Add* | *42.05* | |
| | | *For Aluminum, Add* | *2.37* | |
| | | *For Galvanized Steel, Add* | *8.15* | |
| | | *For 304 Stainless Steel, Add* | *37.45* | |
| 05 12 23 00-0595 | LF | 6" Junior I-Beam, 4.4 LB/LF | 24.64 | 7.07 |
| | | *For >100 To 250, Deduct* | *-0.71* | |
| | | *For >250 To 500, Deduct* | *-1.32* | |
| | | *For >500 To 1,000, Deduct* | *-2.18* | |
| | | *For >1,000, Deduct* | *-3.03* | |
| | | *For 316 Stainless Steel, Add* | *48.67* | |
| | | *For Aluminum, Add* | *2.74* | |
| | | *For Galvanized Steel, Add* | *9.43* | |
| | | *For 304 Stainless Steel, Add* | *43.35* | |
| 05 12 23 00-0596 | LF | 7" Junior I-Beam, 5.5 LB/LF | 29.11 | 7.57 |
| | | *For >100 To 250, Deduct* | *-0.76* | |
| | | *For >250 To 500, Deduct* | *-1.48* | |
| | | *For >500 To 1,000, Deduct* | *-2.46* | |
| | | *For >1,000, Deduct* | *-3.44* | |
| | | *For 316 Stainless Steel, Add* | *60.86* | |
| | | *For Aluminum, Add* | *3.42* | |
| | | *For Galvanized Steel, Add* | *11.79* | |
| | | *For 304 Stainless Steel, Add* | *54.21* | |
| 05 12 23 00-0597 | LF | 8" Junior I-Beam, 6.5 LB/LF | 33.25 | 8.08 |
| | | *For >100 To 250, Deduct* | *-0.81* | |
| | | *For >250 To 500, Deduct* | *-1.64* | |
| | | *For >500 To 1,000, Deduct* | *-2.74* | |
| | | *For >1,000, Deduct* | *-3.84* | |
| | | *For 316 Stainless Steel, Add* | *71.94* | |
| | | *For Aluminum, Add* | *4.05* | |
| | | *For Galvanized Steel, Add* | *13.94* | |
| | | *For 304 Stainless Steel, Add* | *64.07* | |
| 05 12 23 00-0598 | LF | 10" Junior I-Beam, 9 LB/LF | 43.43 | 9.24 |
| | | *For >100 To 250, Deduct* | *-0.92* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500 To 1,000, Deduct* | *-3.40* | |
| | | *For >1,000, Deduct* | *-4.80* | |
| | | *For 316 Stainless Steel, Add* | *99.58* | |
| | | *For Aluminum, Add* | *5.60* | |
| | | *For Galvanized Steel, Add* | *19.29* | |
| | | *For 304 Stainless Steel, Add* | *88.69* | |
| 05 12 23 00-0599 | LF | 12" Junior I-Beam, 11.8 LB/LF | 55.42 | 10.96 |
| | | *For >100 To 250, Deduct* | *-1.10* | |
| | | *For >250 To 500, Deduct* | *-2.48* | |
| | | *For >500 To 1,000, Deduct* | *-4.23* | |
| | | *For >1,000, Deduct* | *-5.98* | |
| | | *For 316 Stainless Steel, Add* | *130.56* | |
| | | *For Aluminum, Add* | *7.34* | |
| | | *For Galvanized Steel, Add* | *25.30* | |
| | | *For 304 Stainless Steel, Add* | *116.28* | |

### 05 12 23 00-0600 Round Stock *(05 12 23 00-0392)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0601 | LF | 1/4" Carbon Steel Rounds, ASTM A108 | 2.04 | |
| | | *For 316 Stainless Steel, Add* | *3.46* | |
| | | *For Aluminum, Add* | *0.19* | |
| | | *For Galvanized Steel, Add* | *0.67* | |
| | | *For 304 Stainless Steel, Add* | *3.08* | |
| 05 12 23 00-0602 | LF | 3/8" Carbon Steel Rounds, ASTM A108 | 3.22 | |
| | | *For 316 Stainless Steel, Add* | *6.82* | |
| | | *For Aluminum, Add* | *0.38* | |
| | | *For Galvanized Steel, Add* | *1.32* | |
| | | *For 304 Stainless Steel, Add* | *6.07* | |
| 05 12 23 00-0603 | LF | 1/2" Carbon Steel Rounds, ASTM A108 | 4.45 | |
| | | *For 316 Stainless Steel, Add* | *10.40* | |
| | | *For Aluminum, Add* | *0.59* | |
| | | *For Galvanized Steel, Add* | *2.02* | |
| | | *For 304 Stainless Steel, Add* | *9.26* | |
| 05 12 23 00-0604 | LF | 5/8" Carbon Steel Rounds, ASTM A108 | 6.74 | |
| | | *For 316 Stainless Steel, Add* | *17.31* | |
| | | *For Aluminum, Add* | *0.97* | |
| | | *For Galvanized Steel, Add* | *3.35* | |
| | | *For 304 Stainless Steel, Add* | *15.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0605 | LF | 3/4" Carbon Steel Rounds, ASTM A108 | 8.03 | |
| | | *For 316 Stainless Steel, Add* | *20.58* | |
| | | *For Aluminum, Add* | *1.16* | |
| | | *For Galvanized Steel, Add* | *3.99* | |
| | | *For 304 Stainless Steel, Add* | *18.33* | |
| 05 12 23 00-0606 | LF | 7/8" Carbon Steel Rounds, ASTM A108 | 9.36 | |
| | | *For 316 Stainless Steel, Add* | *24.03* | |
| | | *For Aluminum, Add* | *1.35* | |
| | | *For Galvanized Steel, Add* | *4.66* | |
| | | *For 304 Stainless Steel, Add* | *21.40* | |
| 05 12 23 00-0607 | LF | 1" Carbon Steel Rounds, ASTM A108 | 13.64 | |
| | | *For 316 Stainless Steel, Add* | *36.64* | |
| | | *For Aluminum, Add* | *2.06* | |
| | | *For Galvanized Steel, Add* | *7.10* | |
| | | *For 304 Stainless Steel, Add* | *32.63* | |
| 05 12 23 00-0608 | LF | 1-1/8" Carbon Steel Rounds, ASTM A108 | 16.58 | |
| | | *For 316 Stainless Steel, Add* | *44.51* | |
| | | *For Aluminum, Add* | *2.50* | |
| | | *For Galvanized Steel, Add* | *8.62* | |
| | | *For 304 Stainless Steel, Add* | *39.64* | |
| 05 12 23 00-0609 | LF | 1-1/4" Carbon Steel Rounds, ASTM A108 | 19.81 | |
| | | *For 316 Stainless Steel, Add* | *52.38* | |
| | | *For Aluminum, Add* | *2.95* | |
| | | *For Galvanized Steel, Add* | *10.15* | |
| | | *For 304 Stainless Steel, Add* | *46.65* | |
| 05 12 23 00-0610 | LF | 1-3/8" Carbon Steel Rounds, ASTM A108 | 23.98 | |
| | | *For 316 Stainless Steel, Add* | *63.94* | |
| | | *For Aluminum, Add* | *3.60* | |
| | | *For Galvanized Steel, Add* | *12.39* | |
| | | *For 304 Stainless Steel, Add* | *56.94* | |
| 05 12 23 00-0611 | LF | 1-1/2" Carbon Steel Rounds, ASTM A108 | 26.73 | |
| | | *For 316 Stainless Steel, Add* | *70.14* | |
| | | *For Aluminum, Add* | *3.95* | |
| | | *For Galvanized Steel, Add* | *13.59* | |
| | | *For 304 Stainless Steel, Add* | *62.47* | |
| 05 12 23 00-0612 | LF | 1-5/8" Carbon Steel Rounds, ASTM A108 | 30.84 | |
| | | *For 316 Stainless Steel, Add* | *79.46* | |
| | | *For Aluminum, Add* | *4.47* | |
| | | *For Galvanized Steel, Add* | *15.39* | |
| | | *For 304 Stainless Steel, Add* | *70.77* | |
| 05 12 23 00-0613 | LF | 1-3/4" Carbon Steel Rounds, ASTM A108 | 36.92 | |
| | | *For 316 Stainless Steel, Add* | *92.48* | |
| | | *For Aluminum, Add* | *5.20* | |
| | | *For Galvanized Steel, Add* | *17.92* | |
| | | *For 304 Stainless Steel, Add* | *82.37* | |
| 05 12 23 00-0614 | LF | 1-7/8" Carbon Steel Rounds, ASTM A108 | 44.44 | |
| | | *For 316 Stainless Steel, Add* | *108.35* | |
| | | *For Aluminum, Add* | *6.09* | |
| | | *For Galvanized Steel, Add* | *20.99* | |
| | | *For 304 Stainless Steel, Add* | *96.50* | |
| 05 12 23 00-0615 | LF | 2" Carbon Steel Rounds, ASTM A108 | 50.78 | |
| | | *For 316 Stainless Steel, Add* | *120.51* | |
| | | *For Aluminum, Add* | *6.78* | |
| | | *For Galvanized Steel, Add* | *23.35* | |
| | | *For 304 Stainless Steel, Add* | *107.33* | |
| 05 12 23 00-0616 | LF | 2-1/8" Carbon Steel Rounds, ASTM A108 | 59.31 | |
| | | *For 316 Stainless Steel, Add* | *137.63* | |
| | | *For Aluminum, Add* | *7.74* | |
| | | *For Galvanized Steel, Add* | *26.67* | |
| | | *For 304 Stainless Steel, Add* | *122.58* | |
| 05 12 23 00-0617 | LF | 2-1/4" Carbon Steel Rounds, ASTM A108 | 67.10 | |
| | | *For 316 Stainless Steel, Add* | *154.75* | |
| | | *For Aluminum, Add* | *8.70* | |
| | | *For Galvanized Steel, Add* | *29.98* | |
| | | *For 304 Stainless Steel, Add* | *137.83* | |
| 05 12 23 00-0618 | LF | 2-3/8" Carbon Steel Rounds, ASTM A108 | 76.85 | |
| | | *For 316 Stainless Steel, Add* | *176.99* | |
| | | *For Aluminum, Add* | *9.96* | |
| | | *For Galvanized Steel, Add* | *34.29* | |
| | | *For 304 Stainless Steel, Add* | *157.63* | |
| 05 12 23 00-0619 | LF | 2-1/2" Carbon Steel Rounds, ASTM A108 | 84.91 | |
| | | *For 316 Stainless Steel, Add* | *190.75* | |
| | | *For Aluminum, Add* | *10.73* | |
| | | *For Galvanized Steel, Add* | *36.96* | |
| | | *For 304 Stainless Steel, Add* | *169.89* | |
| 05 12 23 00-0620 | LF | 2-5/8" Carbon Steel Rounds, ASTM A108 | 103.83 | |
| | | *For 316 Stainless Steel, Add* | *242.30* | |
| | | *For Aluminum, Add* | *13.63* | |
| | | *For Galvanized Steel, Add* | *46.95* | |
| | | *For 304 Stainless Steel, Add* | *215.80* | |
| 05 12 23 00-0621 | LF | 2-3/4" Carbon Steel Rounds, ASTM A108 | 118.21 | |
| | | *For 316 Stainless Steel, Add* | *276.32* | |
| | | *For Aluminum, Add* | *15.54* | |
| | | *For Galvanized Steel, Add* | *53.54* | |
| | | *For 304 Stainless Steel, Add* | *246.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0622 | LF | 2-7/8 Carbon Steel Rounds, ASTM A108 | 131.83 | |
| | | *For 316 Stainless Steel, Add* | *307.90* | |
| | | *For Aluminum, Add* | *17.32* | |
| | | *For Galvanized Steel, Add* | *59.66* | |
| | | *For 304 Stainless Steel, Add* | *274.23* | |
| 05 12 23 00-0623 | LF | 3" Carbon Steel Rounds, ASTM A108 | 138.47 | |
| | | *For 316 Stainless Steel, Add* | *317.15* | |
| | | *For Aluminum, Add* | *17.84* | |
| | | *For Galvanized Steel, Add* | *61.45* | |
| | | *For 304 Stainless Steel, Add* | *282.46* | |
| 05 12 23 00-0624 | LF | 3-1/8" Carbon Steel Rounds, ASTM A108 | 144.42 | |
| | | *For 316 Stainless Steel, Add* | *324.19* | |
| | | *For Aluminum, Add* | *18.24* | |
| | | *For Galvanized Steel, Add* | *62.81* | |
| | | *For 304 Stainless Steel, Add* | *288.73* | |
| 05 12 23 00-0625 | LF | 3-1/4" Carbon Steel Rounds, ASTM A108 | 152.29 | |
| | | *For 316 Stainless Steel, Add* | *337.41* | |
| | | *For Aluminum, Add* | *18.98* | |
| | | *For Galvanized Steel, Add* | *65.37* | |
| | | *For 304 Stainless Steel, Add* | *300.50* | |
| 05 12 23 00-0626 | LF | 3-1/2" Carbon Steel Rounds, ASTM A108 | 185.33 | |
| | | *For 316 Stainless Steel, Add* | *428.13* | |
| | | *For Aluminum, Add* | *24.08* | |
| | | *For Galvanized Steel, Add* | *82.95* | |
| | | *For 304 Stainless Steel, Add* | *381.30* | |
| 05 12 23 00-0627 | LF | 3-5/8" Carbon Steel Rounds, ASTM A108 | 205.90 | |
| | | *For 316 Stainless Steel, Add* | *478.94* | |
| | | *For Aluminum, Add* | *26.94* | |
| | | *For Galvanized Steel, Add* | *92.80* | |
| | | *For 304 Stainless Steel, Add* | *426.56* | |
| 05 12 23 00-0628 | LF | 3-3/4" Carbon Steel Rounds, ASTM A108 | 221.01 | |
| | | *For 316 Stainless Steel, Add* | *512.32* | |
| | | *For Aluminum, Add* | *28.82* | |
| | | *For Galvanized Steel, Add* | *99.26* | |
| | | *For 304 Stainless Steel, Add* | *456.29* | |
| 05 12 23 00-0629 | LF | 4" Carbon Steel Rounds, ASTM A108 | 247.87 | |
| | | *For 316 Stainless Steel, Add* | *583.30* | |
| | | *For Aluminum, Add* | *32.81* | |
| | | *For Galvanized Steel, Add* | *113.01* | |
| | | *For 304 Stainless Steel, Add* | *519.50* | |

## 05 12 23 00-0630 Square Stock *(05 12 23 00-0392)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0631 | LF | 3/8" Square Bar Stock | 1.86 | |
| | | *For 316 Stainless Steel, Add* | *2.46* | |
| | | *For Aluminum, Add* | *0.14* | |
| | | *For Galvanized Steel, Add* | *0.48* | |
| | | *For 304 Stainless Steel, Add* | *2.19* | |
| 05 12 23 00-0632 | LF | 1/2" Square Bar Stock | 2.56 | |
| | | *For 316 Stainless Steel, Add* | *4.35* | |
| | | *For Aluminum, Add* | *0.24* | |
| | | *For Galvanized Steel, Add* | *0.84* | |
| | | *For 304 Stainless Steel, Add* | *3.88* | |
| 05 12 23 00-0633 | LF | 5/8" Square Bar Stock | 3.45 | |
| | | *For 316 Stainless Steel, Add* | *6.78* | |
| | | *For Aluminum, Add* | *0.38* | |
| | | *For Galvanized Steel, Add* | *1.31* | |
| | | *For 304 Stainless Steel, Add* | *6.04* | |
| 05 12 23 00-0634 | LF | 3/4" Square Bar Stock | 4.66 | |
| | | *For 316 Stainless Steel, Add* | *9.79* | |
| | | *For Aluminum, Add* | *0.55* | |
| | | *For Galvanized Steel, Add* | *1.90* | |
| | | *For 304 Stainless Steel, Add* | *8.72* | |
| 05 12 23 00-0635 | LF | 7/8" Square Bar Stock | 6.12 | |
| | | *For 316 Stainless Steel, Add* | *13.66* | |
| | | *For Aluminum, Add* | *0.77* | |
| | | *For Galvanized Steel, Add* | *2.65* | |
| | | *For 304 Stainless Steel, Add* | *12.17* | |
| 05 12 23 00-0636 | LF | 1" Square Bar Stock | 7.65 | |
| | | *For 316 Stainless Steel, Add* | *17.47* | |
| | | *For Aluminum, Add* | *0.98* | |
| | | *For Galvanized Steel, Add* | *3.39* | |
| | | *For 304 Stainless Steel, Add* | *15.56* | |
| 05 12 23 00-0637 | LF | 1-1/4" Square Bar Stock | 11.96 | |
| | | *For 316 Stainless Steel, Add* | *27.26* | |
| | | *For Aluminum, Add* | *1.53* | |
| | | *For Galvanized Steel, Add* | *5.28* | |
| | | *For 304 Stainless Steel, Add* | *24.28* | |
| 05 12 23 00-0638 | LF | 1-1/2" Square Bar Stock | 17.09 | |
| | | *For 316 Stainless Steel, Add* | *39.30* | |
| | | *For Aluminum, Add* | *2.21* | |
| | | *For Galvanized Steel, Add* | *7.61* | |
| | | *For 304 Stainless Steel, Add* | *35.00* | |
| 05 12 23 00-0639 | LF | 1-3/4" Square Bar Stock | 25.09 | |
| | | *For 316 Stainless Steel, Add* | *54.62* | |
| | | *For Aluminum, Add* | *3.07* | |
| | | *For Galvanized Steel, Add* | *10.58* | |
| | | *For 304 Stainless Steel, Add* | *48.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0640 | LF | 2" Square Bar Stock | 35.29 | |
| | | *For 316 Stainless Steel, Add* | *69.86* | |
| | | *For Aluminum, Add* | *3.93* | |
| | | *For Galvanized Steel, Add* | *13.53* | |
| | | *For 304 Stainless Steel, Add* | *62.22* | |

### 05 12 23 00-0641 Steel Tubing *(05 12 23 00-0392)*
Note: General purpose low-carbon steel.

### 05 12 23 00-0642 Square Steel Tubing *(05 12 23 00-0641)*

### 05 12 23 00-0643 0.06" Wall Thickness *(05 12 23 00-0642)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0644 | LF | 1/2" x 1/2" x 0.06" Square Steel Tubing | 2.70 | 0.51 |
| | | *For >100 To 250, Deduct* | *-0.05* | |
| | | *For >250 To 500, Deduct* | *-0.12* | |
| | | *For >500 To 1,000, Deduct* | *-0.20* | |
| | | *For >1,000, Deduct* | *-0.29* | |
| | | *For Galvanized Steel, Add* | *1.25* | |
| 05 12 23 00-0645 | LF | 3/4" x 3/4" x 0.06" Square Steel Tubing | 4.15 | 0.82 |
| | | *For >100 To 250, Deduct* | *-0.08* | |
| | | *For >250 To 500, Deduct* | *-0.19* | |
| | | *For >500 To 1,000, Deduct* | *-0.32* | |
| | | *For >1,000, Deduct* | *-0.45* | |
| | | *For Galvanized Steel, Add* | *1.90* | |
| 05 12 23 00-0646 | LF | 1" x 1" x 0.06" Square Steel Tubing | 5.56 | 1.47 |
| | | *For >100 To 250, Deduct* | *-0.11* | |
| | | *For >250 To 500, Deduct* | *-0.25* | |
| | | *For >500 To 1,000, Deduct* | *-0.43* | |
| | | *For >1,000, Deduct* | *-0.60* | |
| | | *For Galvanized Steel, Add* | *2.54* | |
| 05 12 23 00-0647 | LF | 1-1/4" x 1-1/4" x 0.06" Square Steel Tubing | 7.37 | 1.40 |
| | | *For >100 To 250, Deduct* | *-0.14* | |
| | | *For >250 To 500, Deduct* | *-0.32* | |
| | | *For >500 To 1,000, Deduct* | *-0.56* | |
| | | *For >1,000, Deduct* | *-0.79* | |
| | | *For Galvanized Steel, Add* | *3.41* | |
| 05 12 23 00-0648 | LF | 1-1/2" x 1-1/2" x 0.06" Square Steel Tubing | 8.72 | 1.69 |
| | | *For >100 To 250, Deduct* | *-0.17* | |
| | | *For >250 To 500, Deduct* | *-0.39* | |
| | | *For >500 To 1,000, Deduct* | *-0.66* | |
| | | *For >1,000, Deduct* | *-0.94* | |
| | | *For Galvanized Steel, Add* | *4.01* | |

### 05 12 23 00-0649 0.083" Wall Thickness *(05 12 23 00-0642)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0650 | LF | 3/4" x 3/4" x 0.083" Square Steel Tubing | 4.82 | 0.95 |
| | | *For >100 To 250, Deduct* | *-0.10* | |
| | | *For >250 To 500, Deduct* | *-0.22* | |
| | | *For >500 To 1,000, Deduct* | *-0.37* | |
| | | *For >1,000, Deduct* | *-0.52* | |
| | | *For Galvanized Steel, Add* | *2.20* | |
| 05 12 23 00-0651 | LF | 1" x 1" x 0.083" Square Steel Tubing | 7.04 | 1.31 |
| | | *For >100 To 250, Deduct* | *-0.13* | |
| | | *For >250 To 500, Deduct* | *-0.31* | |
| | | *For >500 To 1,000, Deduct* | *-0.53* | |
| | | *For >1,000, Deduct* | *-0.75* | |
| | | *For Galvanized Steel, Add* | *3.29* | |
| 05 12 23 00-0652 | LF | 1-1/4" x 1-1/4" x 0.083" Square Steel Tubing | 8.48 | 1.66 |
| | | *For >100 To 250, Deduct* | *-0.17* | |
| | | *For >250 To 500, Deduct* | *-0.38* | |
| | | *For >500 To 1,000, Deduct* | *-0.65* | |
| | | *For >1,000, Deduct* | *-0.91* | |
| | | *For Galvanized Steel, Add* | *3.88* | |
| 05 12 23 00-0653 | LF | 1-1/2" x 1-1/2" x 0.083" Square Steel Tubing | 10.24 | 2.02 |
| | | *For >100 To 250, Deduct* | *-0.20* | |
| | | *For >250 To 500, Deduct* | *-0.46* | |
| | | *For >500 To 1,000, Deduct* | *-0.78* | |
| | | *For >1,000, Deduct* | *-1.10* | |
| | | *For Galvanized Steel, Add* | *4.68* | |
| 05 12 23 00-0654 | LF | 2" x 2" x 0.083" Square Steel Tubing | 13.10 | 2.69 |
| | | *For >100 To 250, Deduct* | *-0.27* | |
| | | *For >250 To 500, Deduct* | *-0.60* | |
| | | *For >500 To 1,000, Deduct* | *-1.01* | |
| | | *For >1,000, Deduct* | *-1.43* | |
| | | *For Galvanized Steel, Add* | *5.90* | |

### 05 12 23 00-0655 0.12" Wall Thickness *(05 12 23 00-0642)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0656 | LF | 1" x 1" x 0.12" Square Steel Tubing | 7.73 | 1.55 |
| | | *For >100 To 250, Deduct* | *-0.16* | |
| | | *For >250 To 500, Deduct* | *-0.35* | |
| | | *For >500 To 1,000, Deduct* | *-0.59* | |
| | | *For >1,000, Deduct* | *-0.84* | |
| | | *For Galvanized Steel, Add* | *3.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0657 | LF | 1-1/4" x 1-1/4" x 0.12" Square Steel Tubing | 9.95 | 2.00 |
| | | *For >100 To 250, Deduct* | *-0.20* | |
| | | *For >250 To 500, Deduct* | *-0.45* | |
| | | *For >500 To 1,000, Deduct* | *-0.76* | |
| | | *For >1,000, Deduct* | *-1.08* | |
| | | *For Galvanized Steel, Add* | *4.52* | |
| 05 12 23 00-0658 | LF | 1-1/2" x 1-1/2" x 0.12" Square Steel Tubing | 12.22 | 2.44 |
| | | *For >100 To 250, Deduct* | *-0.24* | |
| | | *For >250 To 500, Deduct* | *-0.55* | |
| | | *For >500 To 1,000, Deduct* | *-0.94* | |
| | | *For >1,000, Deduct* | *-1.32* | |
| | | *For Galvanized Steel, Add* | *5.56* | |
| 05 12 23 00-0659 | LF | 2" x 2" x 0.12" Square Steel Tubing | 16.54 | 3.33 |
| | | *For >100 To 250, Deduct* | *-0.33* | |
| | | *For >250 To 500, Deduct* | *-0.75* | |
| | | *For >500 To 1,000, Deduct* | *-1.27* | |
| | | *For >1,000, Deduct* | *-1.79* | |
| | | *For Galvanized Steel, Add* | *7.51* | |

### 05 12 23 00-0660 1/8" Wall Thickness *(05 12 23 00-0642)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0661 | LF | 2" x 2" x 1/8" Square Steel Tubing | 14.70 | 3.45 |
| | | *For >100 To 250, Deduct* | *-0.35* | |
| | | *For >250 To 500, Deduct* | *-0.71* | |
| | | *For >500 To 1,000, Deduct* | *-1.20* | |
| | | *For >1,000, Deduct* | *-1.68* | |
| | | *For Galvanized Steel, Add* | *6.26* | |
| 05 12 23 00-0662 | LF | 2-1/2" x 2-1/2" x 1/8" Square Steel Tubing | 19.46 | 4.38 |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.92* | |
| | | *For >500 To 1,000, Deduct* | *-1.56* | |
| | | *For >1,000, Deduct* | *-2.19* | |
| | | *For Galvanized Steel, Add* | *8.45* | |
| 05 12 23 00-0663 | LF | 3" x 3" x 1/8" Square Steel Tubing | 22.74 | 5.29 |
| | | *For >100 To 250, Deduct* | *-0.53* | |
| | | *For >250 To 500, Deduct* | *-1.10* | |
| | | *For >500 To 1,000, Deduct* | *-1.84* | |
| | | *For >1,000, Deduct* | *-2.59* | |
| | | *For Galvanized Steel, Add* | *9.72* | |
| 05 12 23 00-0664 | LF | 3-1/2" x 3-1/2" x 1/8" Square Steel Tubing | 26.32 | 6.21 |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.28* | |
| | | *For >500 To 1,000, Deduct* | *-2.15* | |
| | | *For >1,000, Deduct* | *-3.01* | |
| | | *For Galvanized Steel, Add* | *11.18* | |
| 05 12 23 00-0665 | LF | 4" x 4" x 1/8" Square Steel Tubing | 28.87 | 7.14 |
| | | *For >100 To 250, Deduct* | *-0.71* | |
| | | *For >250 To 500, Deduct* | *-1.44* | |
| | | *For >500 To 1,000, Deduct* | *-2.39* | |
| | | *For >1,000, Deduct* | *-3.35* | |
| | | *For Galvanized Steel, Add* | *12.00* | |

### 05 12 23 00-0666 3/16" Wall Thickness *(05 12 23 00-0642)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0667 | LF | 2" x 2" x 3/16" Square Steel Tubing | 16.68 | 3.89 |
| | | *For >100 To 250, Deduct* | *-0.39* | |
| | | *For >250 To 500, Deduct* | *-0.81* | |
| | | *For >500 To 1,000, Deduct* | *-1.35* | |
| | | *For >1,000, Deduct* | *-1.90* | |
| | | *For Galvanized Steel, Add* | *7.12* | |
| 05 12 23 00-0668 | LF | 2-1/2" x 2-1/2" x 3/16" Square Steel Tubing | 21.58 | 5.04 |
| | | *For >100 To 250, Deduct* | *-0.50* | |
| | | *For >250 To 500, Deduct* | *-1.04* | |
| | | *For >500 To 1,000, Deduct* | *-1.75* | |
| | | *For >1,000, Deduct* | *-2.46* | |
| | | *For Galvanized Steel, Add* | *9.21* | |
| 05 12 23 00-0669 | LF | 3" x 3" x 3/16" Square Steel Tubing | 26.53 | 6.19 |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.28* | |
| | | *For >500 To 1,000, Deduct* | *-2.15* | |
| | | *For >1,000, Deduct* | *-3.02* | |
| | | *For Galvanized Steel, Add* | *11.33* | |
| 05 12 23 00-0670 | LF | 3-1/2" x 3-1/2" x 3/16" Square Steel Tubing | 31.47 | 7.35 |
| | | *For >100 To 250, Deduct* | *-0.74* | |
| | | *For >250 To 500, Deduct* | *-1.52* | |
| | | *For >500 To 1,000, Deduct* | *-2.55* | |
| | | *For >1,000, Deduct* | *-3.59* | |
| | | *For Galvanized Steel, Add* | *13.44* | |
| 05 12 23 00-0671 | LF | 4" x 4" x 3/16" Square Steel Tubing | 36.37 | 8.49 |
| | | *For >100 To 250, Deduct* | *-0.85* | |
| | | *For >250 To 500, Deduct* | *-1.76* | |
| | | *For >500 To 1,000, Deduct* | *-2.95* | |
| | | *For >1,000, Deduct* | *-4.14* | |
| | | *For Galvanized Steel, Add* | *15.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0672 | LF | 4-1/2" x 4-1/2" x 3/16" Square Steel Tubing | 41.32 | 9.65 |
| | | *For >100 To 250, Deduct* | *-0.97* | |
| | | *For >250 To 500, Deduct* | *-2.00* | |
| | | *For >500 To 1,000, Deduct* | *-3.35* | |
| | | *For >1,000, Deduct* | *-4.71* | |
| | | *For Galvanized Steel, Add* | *17.64* | |
| 05 12 23 00-0673 | LF | 5" x 5" x 3/16" Square Steel Tubing | 46.22 | 10.79 |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-2.23* | |
| | | *For >500 To 1,000, Deduct* | *-3.75* | |
| | | *For >1,000, Deduct* | *-5.27* | |
| | | *For Galvanized Steel, Add* | *19.73* | |
| 05 12 23 00-0674 | LF | 6" x 6" x 3/16" Square Steel Tubing | 56.10 | 13.10 |
| | | *For >100 To 250, Deduct* | *-1.31* | |
| | | *For >250 To 500, Deduct* | *-2.71* | |
| | | *For >500 To 1,000, Deduct* | *-4.55* | |
| | | *For >1,000, Deduct* | *-6.39* | |
| | | *For Galvanized Steel, Add* | *23.95* | |

### 05 12 23 00-0675 1/4" Wall Thickness *(05 12 23 00-0642)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0676 | LF | 2" x 2" x 1/4" Square Steel Tubing | 17.90 | 3.90 |
| | | *For >100 To 250, Deduct* | *-0.39* | |
| | | *For >250 To 500, Deduct* | *-0.84* | |
| | | *For >500 To 1,000, Deduct* | *-1.42* | |
| | | *For >1,000, Deduct* | *-1.99* | |
| | | *For Galvanized Steel, Add* | *7.87* | |
| 05 12 23 00-0677 | LF | 2-1/2" x 2-1/2" x 1/4" Square Steel Tubing | 23.52 | 5.13 |
| | | *For >100 To 250, Deduct* | *-0.51* | |
| | | *For >250 To 500, Deduct* | *-1.10* | |
| | | *For >500 To 1,000, Deduct* | *-1.86* | |
| | | *For >1,000, Deduct* | *-2.62* | |
| | | *For Galvanized Steel, Add* | *10.34* | |
| 05 12 23 00-0678 | LF | 3" x 3" x 1/4" Square Steel Tubing | 29.14 | 6.35 |
| | | *For >100 To 250, Deduct* | *-0.64* | |
| | | *For >250 To 500, Deduct* | *-1.36* | |
| | | *For >500 To 1,000, Deduct* | *-2.30* | |
| | | *For >1,000, Deduct* | *-3.24* | |
| | | *For Galvanized Steel, Add* | *12.82* | |
| 05 12 23 00-0679 | LF | 3-1/2" x 3-1/2" x 1/4" Square Steel Tubing | 34.76 | 7.58 |
| | | *For >100 To 250, Deduct* | *-0.76* | |
| | | *For >250 To 500, Deduct* | *-1.63* | |
| | | *For >500 To 1,000, Deduct* | *-2.75* | |
| | | *For >1,000, Deduct* | *-3.87* | |
| | | *For Galvanized Steel, Add* | *15.29* | |
| 05 12 23 00-0680 | LF | 4" x 4" x 1/4" Square Steel Tubing | 40.40 | 8.80 |
| | | *For >100 To 250, Deduct* | *-0.88* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500 To 1,000, Deduct* | *-3.20* | |
| | | *For >1,000, Deduct* | *-4.50* | |
| | | *For Galvanized Steel, Add* | *17.76* | |
| 05 12 23 00-0681 | LF | 4-1/2" x 4-1/2" x 1/4" Square Steel Tubing | 46.02 | 10.03 |
| | | *For >100 To 250, Deduct* | *-1.00* | |
| | | *For >250 To 500, Deduct* | *-2.15* | |
| | | *For >500 To 1,000, Deduct* | *-3.64* | |
| | | *For >1,000, Deduct* | *-5.12* | |
| | | *For Galvanized Steel, Add* | *20.24* | |
| 05 12 23 00-0682 | LF | 5" x 5" x 1/4" Square Steel Tubing | 51.68 | 11.26 |
| | | *For >100 To 250, Deduct* | *-1.13* | |
| | | *For >250 To 500, Deduct* | *-2.42* | |
| | | *For >500 To 1,000, Deduct* | *-4.09* | |
| | | *For >1,000, Deduct* | *-5.75* | |
| | | *For Galvanized Steel, Add* | *22.72* | |
| 05 12 23 00-0683 | LF | 6" x 6" x 1/4" Square Steel Tubing | 62.92 | 13.72 |
| | | *For >100 To 250, Deduct* | *-1.37* | |
| | | *For >250 To 500, Deduct* | *-2.94* | |
| | | *For >500 To 1,000, Deduct* | *-4.98* | |
| | | *For >1,000, Deduct* | *-7.01* | |
| | | *For Galvanized Steel, Add* | *27.67* | |

### 05 12 23 00-0684 Rectangular Steel Tubing *(05 12 23 00-0641)*

### 05 12 23 00-0685 3/16" Wall Thickness *(05 12 23 00-0684)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0686 | LF | 3" x 2" x 3/16" Square Steel Tubing | 21.58 | 5.04 |
| | | *For >100 To 250, Deduct* | *-0.50* | |
| | | *For >250 To 500, Deduct* | *-1.04* | |
| | | *For >500 To 1,000, Deduct* | *-1.75* | |
| | | *For >1,000, Deduct* | *-2.46* | |
| | | *For Galvanized Steel, Add* | *9.21* | |
| 05 12 23 00-0687 | LF | 4" x 2" x 3/16" Square Steel Tubing | 26.53 | 6.19 |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.28* | |
| | | *For >500 To 1,000, Deduct* | *-2.15* | |
| | | *For >1,000, Deduct* | *-3.02* | |
| | | *For Galvanized Steel, Add* | *11.33* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0688 | LF | 4" x 3" x 3/16" Square Steel Tubing | 31.47 | 7.35 |
| | | *For >100 To 250, Deduct* | *-0.74* | |
| | | *For >250 To 500, Deduct* | *-1.52* | |
| | | *For >500 To 1,000, Deduct* | *-2.55* | |
| | | *For >1,000, Deduct* | *-3.59* | |
| | | *For Galvanized Steel, Add* | *13.44* | |
| 05 12 23 00-0689 | LF | 5" x 2" x 3/16" Square Steel Tubing | 31.47 | 7.35 |
| | | *For >100 To 250, Deduct* | *-0.74* | |
| | | *For >250 To 500, Deduct* | *-1.52* | |
| | | *For >500 To 1,000, Deduct* | *-2.55* | |
| | | *For >1,000, Deduct* | *-3.59* | |
| | | *For Galvanized Steel, Add* | *13.44* | |
| 05 12 23 00-0690 | LF | 5" x 3" x 3/16" Square Steel Tubing | 36.37 | 8.49 |
| | | *For >100 To 250, Deduct* | *-0.85* | |
| | | *For >250 To 500, Deduct* | *-1.76* | |
| | | *For >500 To 1,000, Deduct* | *-2.95* | |
| | | *For >1,000, Deduct* | *-4.14* | |
| | | *For Galvanized Steel, Add* | *15.53* | |
| 05 12 23 00-0691 | LF | 5" x 4" x 3/16" Square Steel Tubing | 41.32 | 9.65 |
| | | *For >100 To 250, Deduct* | *-0.97* | |
| | | *For >250 To 500, Deduct* | *-2.00* | |
| | | *For >500 To 1,000, Deduct* | *-3.35* | |
| | | *For >1,000, Deduct* | *-4.71* | |
| | | *For Galvanized Steel, Add* | *17.64* | |
| 05 12 23 00-0692 | LF | 6" x 2" x 3/16" Square Steel Tubing | 36.37 | 8.49 |
| | | *For >100 To 250, Deduct* | *-0.85* | |
| | | *For >250 To 500, Deduct* | *-1.76* | |
| | | *For >500 To 1,000, Deduct* | *-2.95* | |
| | | *For >1,000, Deduct* | *-4.14* | |
| | | *For Galvanized Steel, Add* | *15.53* | |
| 05 12 23 00-0693 | LF | 6" x 3" x 3/16" Square Steel Tubing | 41.32 | 9.65 |
| | | *For >100 To 250, Deduct* | *-0.97* | |
| | | *For >250 To 500, Deduct* | *-2.00* | |
| | | *For >500 To 1,000, Deduct* | *-3.35* | |
| | | *For >1,000, Deduct* | *-4.71* | |
| | | *For Galvanized Steel, Add* | *17.64* | |
| 05 12 23 00-0694 | LF | 6" x 4" x 3/16" Square Steel Tubing | 46.22 | 10.79 |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-2.23* | |
| | | *For >500 To 1,000, Deduct* | *-3.75* | |
| | | *For >1,000, Deduct* | *-5.27* | |
| | | *For Galvanized Steel, Add* | *19.73* | |

## 05 12 23 00-0695 1/4" Wall Thickness *(05 12 23 00-0684)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0696 | LF | 3" x 2" x 1/4" Square Steel Tubing | 23.52 | 5.13 |
| | | *For >100 To 250, Deduct* | *-0.51* | |
| | | *For >250 To 500, Deduct* | *-1.10* | |
| | | *For >500 To 1,000, Deduct* | *-1.86* | |
| | | *For >1,000, Deduct* | *-2.62* | |
| | | *For Galvanized Steel, Add* | *10.34* | |
| 05 12 23 00-0697 | LF | 4" x 2" x 1/4" Square Steel Tubing | 29.14 | 6.35 |
| | | *For >100 To 250, Deduct* | *-0.64* | |
| | | *For >250 To 500, Deduct* | *-1.36* | |
| | | *For >500 To 1,000, Deduct* | *-2.30* | |
| | | *For >1,000, Deduct* | *-3.24* | |
| | | *For Galvanized Steel, Add* | *12.82* | |
| 05 12 23 00-0698 | LF | 4" x 3" x 1/4" Square Steel Tubing | 34.76 | 7.58 |
| | | *For >100 To 250, Deduct* | *-0.76* | |
| | | *For >250 To 500, Deduct* | *-1.63* | |
| | | *For >500 To 1,000, Deduct* | *-2.75* | |
| | | *For >1,000, Deduct* | *-3.87* | |
| | | *For Galvanized Steel, Add* | *15.29* | |
| 05 12 23 00-0699 | LF | 5" x 2" x 1/4" Square Steel Tubing | 34.76 | 7.58 |
| | | *For >100 To 250, Deduct* | *-0.76* | |
| | | *For >250 To 500, Deduct* | *-1.63* | |
| | | *For >500 To 1,000, Deduct* | *-2.75* | |
| | | *For >1,000, Deduct* | *-3.87* | |
| | | *For Galvanized Steel, Add* | *15.29* | |
| 05 12 23 00-0700 | LF | 5" x 3" x 1/4" Square Steel Tubing | 40.40 | 8.80 |
| | | *For >100 To 250, Deduct* | *-0.88* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500 To 1,000, Deduct* | *-3.20* | |
| | | *For >1,000, Deduct* | *-4.50* | |
| | | *For Galvanized Steel, Add* | *17.76* | |
| 05 12 23 00-0701 | LF | 5" x 4" x 1/4" Square Steel Tubing | 46.02 | 10.03 |
| | | *For >100 To 250, Deduct* | *-1.00* | |
| | | *For >250 To 500, Deduct* | *-2.15* | |
| | | *For >500 To 1,000, Deduct* | *-3.64* | |
| | | *For >1,000, Deduct* | *-5.12* | |
| | | *For Galvanized Steel, Add* | *20.24* | |
| 05 12 23 00-0702 | LF | 6" x 2" x 1/4" Square Steel Tubing | 40.40 | 8.80 |
| | | *For >100 To 250, Deduct* | *-0.88* | |
| | | *For >250 To 500, Deduct* | *-1.89* | |
| | | *For >500 To 1,000, Deduct* | *-3.20* | |
| | | *For >1,000, Deduct* | *-4.50* | |
| | | *For Galvanized Steel, Add* | *17.76* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0703 | LF | 6" x 3" x 1/4" Square Steel Tubing | 46.02 | 10.03 |
| | | *For >100 To 250, Deduct* | *-1.00* | |
| | | *For >250 To 500, Deduct* | *-2.15* | |
| | | *For >500 To 1,000, Deduct* | *-3.64* | |
| | | *For >1,000, Deduct* | *-5.12* | |
| | | *For Galvanized Steel, Add* | *20.24* | |
| 05 12 23 00-0704 | LF | 6" x 4" x 1/4" Square Steel Tubing | 51.68 | 11.26 |
| | | *For >100 To 250, Deduct* | *-1.13* | |
| | | *For >250 To 500, Deduct* | *-2.42* | |
| | | *For >500 To 1,000, Deduct* | *-4.09* | |
| | | *For >1,000, Deduct* | *-5.75* | |
| | | *For Galvanized Steel, Add* | *22.72* | |

### 05 12 23 00-0705 Round Steel Tubing *(05 12 23 00-0641)*

### 05 12 23 00-0706 0.065" Wall Thickness *(05 12 23 00-0705)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0707 | LF | 1" Diameter x 0.065" Round Steel Tubing | 4.82 | 0.94 |
| | | *For >100 To 250, Deduct* | *-0.09* | |
| | | *For >250 To 500, Deduct* | *-0.21* | |
| | | *For >500 To 1,000, Deduct* | *-0.37* | |
| | | *For >1,000, Deduct* | *-0.52* | |
| | | *For Galvanized Steel, Add* | *2.21* | |
| 05 12 23 00-0708 | LF | 1-1/4" Diameter x 0.065" Round Steel Tubing | 6.10 | 1.19 |
| | | *For >100 To 250, Deduct* | *-0.12* | |
| | | *For >250 To 500, Deduct* | *-0.27* | |
| | | *For >500 To 1,000, Deduct* | *-0.46* | |
| | | *For >1,000, Deduct* | *-0.66* | |
| | | *For Galvanized Steel, Add* | *2.80* | |
| 05 12 23 00-0709 | LF | 1-1/2" Diameter x 0.065" Round Steel Tubing | 7.39 | 1.43 |
| | | *For >100 To 250, Deduct* | *-0.14* | |
| | | *For >250 To 500, Deduct* | *-0.33* | |
| | | *For >500 To 1,000, Deduct* | *-0.56* | |
| | | *For >1,000, Deduct* | *-0.79* | |
| | | *For Galvanized Steel, Add* | *3.39* | |
| 05 12 23 00-0710 | LF | 2" Diameter x 0.065" Round Steel Tubing | 9.96 | 1.94 |
| | | *For >100 To 250, Deduct* | *-0.19* | |
| | | *For >250 To 500, Deduct* | *-0.44* | |
| | | *For >500 To 1,000, Deduct* | *-0.76* | |
| | | *For >1,000, Deduct* | *-1.07* | |
| | | *For Galvanized Steel, Add* | *4.58* | |
| 05 12 23 00-0711 | LF | 2-1/2" Diameter x 0.065" Round Steel Tubing | 12.54 | 2.44 |
| | | *For >100 To 250, Deduct* | *-0.24* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500 To 1,000, Deduct* | *-0.95* | |
| | | *For >1,000, Deduct* | *-1.35* | |
| | | *For Galvanized Steel, Add* | *5.76* | |
| 05 12 23 00-0712 | LF | 3" Diameter x 0.065" Round Steel Tubing | 15.12 | 2.93 |
| | | *For >100 To 250, Deduct* | *-0.29* | |
| | | *For >250 To 500, Deduct* | *-0.67* | |
| | | *For >500 To 1,000, Deduct* | *-1.15* | |
| | | *For >1,000, Deduct* | *-1.62* | |
| | | *For Galvanized Steel, Add* | *6.94* | |
| 05 12 23 00-0713 | LF | 3-1/2" Diameter x 0.065" Round Steel Tubing | 17.70 | 3.44 |
| | | *For >100 To 250, Deduct* | *-0.34* | |
| | | *For >250 To 500, Deduct* | *-0.79* | |
| | | *For >500 To 1,000, Deduct* | *-1.34* | |
| | | *For >1,000, Deduct* | *-1.90* | |
| | | *For Galvanized Steel, Add* | *8.13* | |
| 05 12 23 00-0714 | LF | 4" Diameter x 0.065" Round Steel Tubing | 20.27 | 3.94 |
| | | *For >100 To 250, Deduct* | *-0.39* | |
| | | *For >250 To 500, Deduct* | *-0.90* | |
| | | *For >500 To 1,000, Deduct* | *-1.54* | |
| | | *For >1,000, Deduct* | *-2.18* | |
| | | *For Galvanized Steel, Add* | *9.31* | |

### 05 12 23 00-0715 0.083" Wall Thickness *(05 12 23 00-0705)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0716 | LF | 1" Diameter x 0.083" Round Steel Tubing | 5.23 | 1.03 |
| | | *For >100 To 250, Deduct* | *-0.10* | |
| | | *For >250 To 500, Deduct* | *-0.23* | |
| | | *For >500 To 1,000, Deduct* | *-0.40* | |
| | | *For >1,000, Deduct* | *-0.56* | |
| | | *For Galvanized Steel, Add* | *2.39* | |
| 05 12 23 00-0717 | LF | 1-1/4" Diameter x 0.083" Round Steel Tubing | 6.65 | 1.31 |
| | | *For >100 To 250, Deduct* | *-0.13* | |
| | | *For >250 To 500, Deduct* | *-0.30* | |
| | | *For >500 To 1,000, Deduct* | *-0.51* | |
| | | *For >1,000, Deduct* | *-0.72* | |
| | | *For Galvanized Steel, Add* | *3.04* | |
| 05 12 23 00-0718 | LF | 1-1/2" Diameter x 0.083" Round Steel Tubing | 8.08 | 1.58 |
| | | *For >100 To 250, Deduct* | *-0.16* | |
| | | *For >250 To 500, Deduct* | *-0.36* | |
| | | *For >500 To 1,000, Deduct* | *-0.62* | |
| | | *For >1,000, Deduct* | *-0.87* | |
| | | *For Galvanized Steel, Add* | *3.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 12 23 00-0719 | LF | 2" Diameter x 0.083" Round Steel Tubing | 10.93 | 2.15 |
| | | *For >100 To 250, Deduct* | *-0.21* | |
| | | *For >250 To 500, Deduct* | *-0.49* | |
| | | *For >500 To 1,000, Deduct* | *-0.83* | |
| | | *For >1,000, Deduct* | *-1.18* | |
| | | *For Galvanized Steel, Add* | *5.00* | |
| 05 12 23 00-0720 | LF | 2-1/2" Diameter x 0.083" Round Steel Tubing | 13.79 | 2.70 |
| | | *For >100 To 250, Deduct* | *-0.27* | |
| | | *For >250 To 500, Deduct* | *-0.62* | |
| | | *For >500 To 1,000, Deduct* | *-1.05* | |
| | | *For >1,000, Deduct* | *-1.49* | |
| | | *For Galvanized Steel, Add* | *6.31* | |
| 05 12 23 00-0721 | LF | 3" Diameter x 0.083" Round Steel Tubing | 16.64 | 3.27 |
| | | *For >100 To 250, Deduct* | *-0.33* | |
| | | *For >250 To 500, Deduct* | *-0.74* | |
| | | *For >500 To 1,000, Deduct* | *-1.27* | |
| | | *For >1,000, Deduct* | *-1.79* | |
| | | *For Galvanized Steel, Add* | *7.61* | |
| 05 12 23 00-0722 | LF | 3-1/2" Diameter x 0.083" Round Steel Tubing | 19.48 | 3.82 |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.87* | |
| | | *For >500 To 1,000, Deduct* | *-1.48* | |
| | | *For >1,000, Deduct* | *-2.10* | |
| | | *For Galvanized Steel, Add* | *8.92* | |
| 05 12 23 00-0723 | LF | 4" Diameter x 0.083" Round Steel Tubing | 22.34 | 4.39 |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-1.00* | |
| | | *For >500 To 1,000, Deduct* | *-1.70* | |
| | | *For >1,000, Deduct* | *-2.41* | |
| | | *For Galvanized Steel, Add* | *10.22* | |

### 05 12 23 00-0724 0.125" Wall Thickness *(05 12 23 00-0705)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0725 | LF | 2" Diameter x 0.125" Round Steel Tubing | 11.53 | 2.71 |
| | | *For >100 To 250, Deduct* | *-0.27* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500 To 1,000, Deduct* | *-0.94* | |
| | | *For >1,000, Deduct* | *-1.32* | |
| | | *For Galvanized Steel, Add* | *4.91* | |
| 05 12 23 00-0726 | LF | 2-1/2" Diameter x 0.125" Round Steel Tubing | 14.61 | 3.43 |
| | | *For >100 To 250, Deduct* | *-0.34* | |
| | | *For >250 To 500, Deduct* | *-0.71* | |
| | | *For >500 To 1,000, Deduct* | *-1.19* | |
| | | *For >1,000, Deduct* | *-1.67* | |
| | | *For Galvanized Steel, Add* | *6.22* | |
| 05 12 23 00-0727 | LF | 3" Diameter x 0.125" Round Steel Tubing | 17.68 | 4.15 |
| | | *For >100 To 250, Deduct* | *-0.42* | |
| | | *For >250 To 500, Deduct* | *-0.86* | |
| | | *For >500 To 1,000, Deduct* | *-1.44* | |
| | | *For >1,000, Deduct* | *-2.02* | |
| | | *For Galvanized Steel, Add* | *7.53* | |
| 05 12 23 00-0728 | LF | 3-1/2" Diameter x 0.125" Round Steel Tubing | 20.75 | 4.88 |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-1.01* | |
| | | *For >500 To 1,000, Deduct* | *-1.69* | |
| | | *For >1,000, Deduct* | *-2.37* | |
| | | *For Galvanized Steel, Add* | *8.84* | |
| 05 12 23 00-0729 | LF | 4" Diameter x 0.125" Round Steel Tubing | 23.82 | 5.60 |
| | | *For >100 To 250, Deduct* | *-0.56* | |
| | | *For >250 To 500, Deduct* | *-1.16* | |
| | | *For >500 To 1,000, Deduct* | *-1.94* | |
| | | *For >1,000, Deduct* | *-2.72* | |
| | | *For Galvanized Steel, Add* | *10.14* | |

### 05 12 23 00-0730 Flat Steel Bar *(05 12 23 00-0392)*

### 05 12 23 00-0731 1/8" Thick *(05 12 23 00-0730)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0732 | LF | 1/8" Thick x 1" Wide Flat Steel Bar | 3.06 | 1.35 |
| | | *For Galvanized Steel, Add* | *0.64* | |
| 05 12 23 00-0733 | LF | 1/8" Thick x 2" Wide Flat Steel Bar | 4.76 | 2.02 |
| | | *For Galvanized Steel, Add* | *1.07* | |
| 05 12 23 00-0734 | LF | 1/8" Thick x 4" Wide Flat Steel Bar | 7.41 | 2.84 |
| | | *For Galvanized Steel, Add* | *1.95* | |
| 05 12 23 00-0735 | LF | 1/8" Thick x 6" Wide Flat Steel Bar | 10.05 | 3.86 |
| | | *For Galvanized Steel, Add* | *2.64* | |

### 05 12 23 00-0736 3/16" Thick *(05 12 23 00-0730)*

| | | | | |
|---|---|---|---|---|
| 05 12 23 00-0737 | LF | 3/16" Thick x 1" Wide Flat Steel Bar | 4.09 | 1.67 |
| | | *For Galvanized Steel, Add* | *0.98* | |
| 05 12 23 00-0738 | LF | 3/16" Thick x 2" Wide Flat Steel Bar | 6.50 | 2.51 |
| | | *For Galvanized Steel, Add* | *1.69* | |
| 05 12 23 00-0739 | LF | 3/16" Thick x 4" Wide Flat Steel Bar | 8.94 | 2.88 |
| | | *For Galvanized Steel, Add* | *2.86* | |
| 05 12 23 00-0740 | LF | 3/16" Thick x 6" Wide Flat Steel Bar | 12.37 | 4.00 |
| | | *For Galvanized Steel, Add* | *3.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **05 12 23 00-0741** | | **1/4" Thick** *(05 12 23 00-0730)* | | |
| 05 12 23 00-0742 | LF | 1/4" Thick x 1" Wide Flat Steel Bar | 4.21 | 1.77 |
| | | *For Galvanized Steel, Add* | *0.97* | |
| 05 12 23 00-0743 | LF | 1/4" Thick x 2" Wide Flat Steel Bar | 7.14 | 2.65 |
| | | *For Galvanized Steel, Add* | *1.96* | |
| 05 12 23 00-0744 | LF | 1/4" Thick x 4" Wide Flat Steel Bar | 10.67 | 3.03 |
| | | *For Galvanized Steel, Add* | *3.79* | |
| 05 12 23 00-0745 | LF | 1/4" Thick x 6" Wide Flat Steel Bar | 15.41 | 4.48 |
| | | *For Galvanized Steel, Add* | *5.38* | |
| **05 12 23 00-0746** | | **3/8" Thick** *(05 12 23 00-0730)* | | |
| 05 12 23 00-0747 | LF | 3/8" Thick x 1" Wide Flat Steel Bar | 5.44 | 1.99 |
| | | *For Galvanized Steel, Add* | *1.52* | |
| 05 12 23 00-0748 | LF | 3/8" Thick x 2" Wide Flat Steel Bar | 9.01 | 2.98 |
| | | *For Galvanized Steel, Add* | *2.81* | |
| 05 12 23 00-0749 | LF | 3/8" Thick x 4" Wide Flat Steel Bar | 14.16 | 3.41 |
| | | *For Galvanized Steel, Add* | *5.61* | |
| 05 12 23 00-0750 | LF | 3/8" Thick x 6" Wide Flat Steel Bar | 20.32 | 5.04 |
| | | *For Galvanized Steel, Add* | *7.90* | |
| **05 12 23 00-0751** | | **1/2" Thick** *(05 12 23 00-0730)* | | |
| 05 12 23 00-0752 | LF | 1/2" Thick x 1" Wide Flat Steel Bar | 6.43 | 2.19 |
| | | *For Galvanized Steel, Add* | *1.95* | |
| 05 12 23 00-0753 | LF | 1/2" Thick x 2" Wide Flat Steel Bar | 10.71 | 3.29 |
| | | *For Galvanized Steel, Add* | *3.58* | |
| 05 12 23 00-0754 | LF | 1/2" Thick x 4" Wide Flat Steel Bar | 15.47 | 3.74 |
| | | *For Galvanized Steel, Add* | *6.10* | |
| 05 12 23 00-0755 | LF | 1/2" Thick x 6" Wide Flat Steel Bar | 27.96 | 5.55 |
| | | *For Galvanized Steel, Add* | *12.17* | |
| **05 12 23 00-0756** | | **Flat Steel Plate** *(05 12 23 00-0392)* | | |
| 05 12 23 00-0757 | SF | 1/8" Thick Flat Steel Plate | 16.11 | 5.80 |
| | | *For 316 Stainless Steel, Add* | *23.71* | |
| | | *For Aluminum, Add* | *1.33* | |
| | | *For Galvanized Steel, Add* | *4.59* | |
| | | *For 304 Stainless Steel, Add* | *21.12* | |
| 05 12 23 00-0758 | SF | 3/16" Thick Flat Steel Plate | 18.29 | 6.00 |
| | | *For 316 Stainless Steel, Add* | *29.66* | |
| | | *For Aluminum, Add* | *1.67* | |
| | | *For Galvanized Steel, Add* | *5.75* | |
| | | *For 304 Stainless Steel, Add* | *26.42* | |
| 05 12 23 00-0759 | SF | 1/4" Thick Flat Steel Plate | 21.91 | 6.73 |
| | | *For 316 Stainless Steel, Add* | *37.82* | |
| | | *For Aluminum, Add* | *2.13* | |
| | | *For Galvanized Steel, Add* | *7.33* | |
| | | *For 304 Stainless Steel, Add* | *33.69* | |
| 05 12 23 00-0760 | SF | 3/8" Thick Flat Steel Plate | 29.90 | 7.57 |
| | | *For 316 Stainless Steel, Add* | *59.36* | |
| | | *For Aluminum, Add* | *3.34* | |
| | | *For Galvanized Steel, Add* | *11.50* | |
| | | *For 304 Stainless Steel, Add* | *52.87* | |
| 05 12 23 00-0761 | SF | 1/2" Thick Flat Steel Plate | 35.60 | 8.32 |
| | | *For 316 Stainless Steel, Add* | *73.95* | |
| | | *For Aluminum, Add* | *4.16* | |
| | | *For Galvanized Steel, Add* | *14.33* | |
| | | *For 304 Stainless Steel, Add* | *65.86* | |
| 05 12 23 00-0762 | SF | 3/4" Thick Flat Steel Plate | 58.95 | 10.31 |
| | | *For 316 Stainless Steel, Add* | *138.66* | |
| | | *For Aluminum, Add* | *7.80* | |
| | | *For Galvanized Steel, Add* | *26.86* | |
| | | *For 304 Stainless Steel, Add* | *123.49* | |
| 05 12 23 00-0763 | SF | 1" Thick Flat Steel Plate | 78.85 | 12.89 |
| | | *For 316 Stainless Steel, Add* | *189.86* | |
| | | *For Aluminum, Add* | *10.68* | |
| | | *For Galvanized Steel, Add* | *36.78* | |
| | | *For 304 Stainless Steel, Add* | *169.09* | |

## 05 13 Structural Stainless-Steel Framing *(05 10)*

### 05 13 00 00-0001 Stainless Steel Tube *(05 13)*

| | | | |
|---|---|---|---|
| 05 13 00 00-0002 | LF | 1" x 1" Stainless Steel Tube | 32.18 |
| 05 13 00 00-0003 | LF | 1-1/2" x 1-1/2" Stainless Steel Tube | 41.77 |
| 05 13 00 00-0004 | LF | 2" x 2" Stainless Steel Tube | 57.02 |

## 05 14 Structural Aluminum Framing *(05 10)*

### 05 14 13 Architecturally-Exposed Structural Aluminum Framing *(05 14)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **05 14 13 00-0001** | | **Rolled Or Plate Shapes** *(05 14 13)* Note: 1" through 10" member. | | |
| 05 14 13 00-0002 | LB | Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members | 6.08 | 0.78 |
| 05 14 13 00-0003 | LB | Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members | 5.38 | 0.72 |
| **05 14 13 00-0004** | | **Aluminum Extrusions** *(05 14 13)* | | |
| 05 14 13 00-0005 | LB | Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members | 10.78 | 3.24 |
| 05 14 13 00-0006 | LB | Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members | 11.32 | 3.24 |
| **05 14 13 00-0007** | | **Aluminum Tubing** *(05 14 13)* | | |
| 05 14 13 00-0008 | LB | Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members | 9.40 | 1.98 |
| 05 14 13 00-0009 | LF | 1" x 1" Aluminum Tubing, 1/8" Wall Thickness | 9.28 | 3.21 |
| 05 14 13 00-0010 | LF | 1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness | 10.99 | 3.50 |
| 05 14 13 00-0011 | LF | 1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness | 12.66 | 4.08 |
| 05 14 13 00-0012 | LF | 2" x 2" Aluminum Tubing, 1/8" Wall Thickness | 14.77 | 4.38 |
| 05 14 13 00-0013 | LF | 4" x 4" Aluminum Tubing, 1/4" Wall Thickness | 38.76 | 5.55 |
| 05 14 13 00-0014 | LF | 2" x 5" Aluminum Tubing, 1/4" Wall Thickness | 32.00 | 4.96 |
| **05 14 13 00-0015** | | **Columns** *(05 14 13)* Note: Baked on paint finish, load bearing. | | |
| **05 14 13 00-0016** | | **Round Columns** *(05 14 13 00-0015)* | | |
| 05 14 13 00-0017 | LF | 6" Diameter Aluminum Column | 36.71 | 6.28 |
| 05 14 13 00-0018 | LF | 8" Diameter Aluminum Column | 48.80 | 9.00 |
| 05 14 13 00-0019 | LF | 10" Diameter Aluminum Column | 59.09 | 10.12 |
| 05 14 13 00-0020 | LF | 12" Diameter Aluminum Column | 86.34 | 10.59 |
| 05 14 13 00-0021 | LF | 15" Diameter Aluminum Column | 109.57 | 12.28 |
| 05 14 13 00-0022 | EA | 6" Diameter Aluminum Base And Cap | 70.51 | 11.71 |
| 05 14 13 00-0023 | EA | 8" Diameter Aluminum Base And Cap | 80.33 | 12.65 |
| 05 14 13 00-0024 | EA | 10" Diameter Aluminum Base And Cap | 100.45 | 14.06 |
| 05 14 13 00-0025 | EA | 12" Diameter Aluminum Base And Cap | 168.98 | 15.00 |
| 05 14 13 00-0026 | EA | 15" Diameter Aluminum Base And Cap | 255.49 | 16.40 |
| **05 14 13 00-0027** | | **Octagonal Columns** *(05 14 13 00-0015)* | | |
| 05 14 13 00-0028 | LF | 6" Diameter Aluminum Column | 40.19 | 6.28 |
| 05 14 13 00-0029 | LF | 8" Diameter Aluminum Column | 54.96 | 9.00 |
| 05 14 13 00-0030 | LF | 10" Diameter Aluminum Column | 66.87 | 10.12 |
| 05 14 13 00-0031 | LF | 12" Diameter Aluminum Column | 99.39 | 10.59 |
| 05 14 13 00-0032 | LF | 15" Diameter Aluminum Column | 126.60 | 12.28 |
| 05 14 13 00-0033 | EA | 6" Diameter Aluminum Base And Cap | 79.93 | 11.71 |
| 05 14 13 00-0034 | EA | 8" Diameter Aluminum Base And Cap | 91.34 | 12.65 |
| 05 14 13 00-0035 | EA | 10" Diameter Aluminum Base And Cap | 114.92 | 14.06 |
| 05 14 13 00-0036 | EA | 12" Diameter Aluminum Base And Cap | 196.79 | 15.00 |
| 05 14 13 00-0037 | EA | 15" Diameter Aluminum Base And Cap | 300.03 | 16.40 |
| **05 14 13 00-0038** | | **Fluted Columns** *(05 14 13 00-0015)* | | |
| 05 14 13 00-0039 | LF | 6" Diameter Aluminum Column | 44.36 | 6.28 |
| 05 14 13 00-0040 | LF | 8" Diameter Aluminum Column | 60.50 | 9.00 |
| 05 14 13 00-0041 | LF | 10" Diameter Aluminum Column | 73.86 | 10.12 |
| 05 14 13 00-0042 | LF | 12" Diameter Aluminum Column | 111.13 | 10.59 |
| 05 14 13 00-0043 | LF | 15" Diameter Aluminum Column | 141.91 | 12.28 |
| 05 14 13 00-0044 | EA | 6" Diameter Aluminum Base And Cap | 88.41 | 11.71 |
| 05 14 13 00-0045 | EA | 8" Diameter Aluminum Base And Cap | 101.25 | 12.65 |
| 05 14 13 00-0046 | EA | 10" Diameter Aluminum Base And Cap | 127.94 | 14.06 |
| 05 14 13 00-0047 | EA | 12" Diameter Aluminum Base And Cap | 221.81 | 15.00 |
| 05 14 13 00-0048 | EA | 15" Diameter Aluminum Base And Cap | 340.11 | 16.40 |
| **05 14 13 00-0049** | | **Square Columns** *(05 14 13 00-0015)* | | |
| 05 14 13 00-0050 | LF | 6" Aluminum Column | 47.20 | 6.28 |
| 05 14 13 00-0051 | LF | 8" Aluminum Column | 64.28 | 9.00 |
| 05 14 13 00-0052 | LF | 10" Aluminum Column | 78.65 | 10.12 |
| 05 14 13 00-0053 | LF | 12" Aluminum Column | 119.16 | 10.59 |
| 05 14 13 00-0054 | LF | 15" Aluminum Column | 152.39 | 12.28 |
| 05 14 13 00-0055 | EA | 6" Aluminum Base And Cap | 94.20 | 11.71 |
| 05 14 13 00-0056 | EA | 8" Aluminum Base And Cap | 108.02 | 12.65 |
| 05 14 13 00-0057 | EA | 10" Aluminum Base And Cap | 136.84 | 14.06 |
| 05 14 13 00-0058 | EA | 12" Aluminum Base And Cap | 238.92 | 15.00 |
| 05 14 13 00-0059 | EA | 15" Aluminum Base And Cap | 367.52 | 16.40 |
| **05 14 13 00-0060** | | **Ornamental Or Decorative Cap And Bases** *(05 14 13 00-0015)* | | |
| 05 14 13 00-0061 | EA | 8" Corinthian Capital And Base | 507.53 | 14.06 |
| 05 14 13 00-0062 | EA | 10" Corinthian Capital And Base | 744.76 | 16.40 |
| 05 14 13 00-0063 | EA | 12" Corinthian Capital And Base | 1,174.57 | 18.75 |
| 05 14 13 00-0064 | EA | 8" Scamozzi Capital And Base | 255.53 | 14.06 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 14 13 00-0065 | EA | 10" Scamozzi Capital And Base | 341.15 | 16.40 |
| 05 14 13 00-0066 | EA | 12" Scamozzi Capital And Base | 679.17 | 18.75 |

## 05 15 Wire Rope Assemblies *(05 10)*

### 05 15 16 Steel Wire Rope Assemblies *(05 15)*

#### 05 15 16 00-0001 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

| | | | | |
|---|---|---|---|---|
| 05 15 16 00-0002 | LF | 1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 0.94 | 0.10 |
| | | *For >500, Deduct* | *-0.16* | |
| 05 15 16 00-0003 | LF | 5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.28 | 0.10 |
| | | *For >500, Deduct* | *-0.21* | |
| 05 15 16 00-0004 | LF | 3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.56 | 0.19 |
| | | *For >500, Deduct* | *-0.24* | |
| 05 15 16 00-0005 | LF | 7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.92 | 0.19 |
| | | *For >500, Deduct* | *-0.28* | |
| 05 15 16 00-0006 | LF | 1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 2.26 | 0.29 |
| | | *For >500, Deduct* | *-0.32* | |
| 05 15 16 00-0007 | LF | 9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 2.78 | 0.38 |
| | | *For >500, Deduct* | *-0.39* | |
| 05 15 16 00-0008 | LF | 5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 3.34 | 0.38 |
| | | *For >500, Deduct* | *-0.46* | |
| 05 15 16 00-0009 | LF | 3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 4.66 | 0.68 |
| | | *For >500, Deduct* | *-0.63* | |
| 05 15 16 00-0010 | LF | 7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 6.28 | 0.77 |
| | | *For >500, Deduct* | *-0.84* | |
| 05 15 16 00-0011 | LF | 1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 7.89 | 1.06 |
| | | *For >500, Deduct* | *-1.03* | |
| 05 15 16 00-0012 | LF | 1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 9.76 | 1.35 |
| | | *For >500, Deduct* | *-1.28* | |
| 05 15 16 00-0013 | LF | 1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 11.90 | 1.63 |
| | | *For >500, Deduct* | *-1.56* | |

#### 05 15 16 00-0014 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

| | | | | |
|---|---|---|---|---|
| 05 15 16 00-0015 | LF | 1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.09 | 0.10 |
| | | *For >500, Deduct* | *-0.19* | |
| 05 15 16 00-0016 | LF | 5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.43 | 0.10 |
| | | *For >500, Deduct* | *-0.24* | |
| 05 15 16 00-0017 | LF | 3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.82 | 0.19 |
| | | *For >500, Deduct* | *-0.29* | |
| 05 15 16 00-0018 | LF | 7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 2.11 | 0.19 |
| | | *For >500, Deduct* | *-0.32* | |
| 05 15 16 00-0019 | LF | 1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 2.54 | 0.29 |
| | | *For >500, Deduct* | *-0.37* | |
| 05 15 16 00-0020 | LF | 9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 2.97 | 0.38 |
| | | *For >500, Deduct* | *-0.42* | |
| 05 15 16 00-0021 | LF | 5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 3.49 | 0.38 |
| | | *For >500, Deduct* | *-0.49* | |
| 05 15 16 00-0022 | LF | 3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 5.11 | 0.68 |
| | | *For >500, Deduct* | *-0.72* | |
| 05 15 16 00-0023 | LF | 7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 6.61 | 0.77 |
| | | *For >500, Deduct* | *-0.91* | |
| 05 15 16 00-0024 | LF | 1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 8.19 | 1.06 |
| | | *For >500, Deduct* | *-1.10* | |
| 05 15 16 00-0025 | LF | 1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 10.50 | 1.35 |
| | | *For >500, Deduct* | *-1.41* | |
| 05 15 16 00-0026 | LF | 1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 12.74 | 1.63 |
| | | *For >500, Deduct* | *-1.72* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 15 16 00-0027 | | 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope *(05 15 16)* | | |
| 05 15 16 00-0028 | LF | 1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 0.88 | 0.10 |
| | | *For >500, Deduct* | *-0.14* | |
| 05 15 16 00-0029 | LF | 5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 1.21 | 0.10 |
| | | *For >500, Deduct* | *-0.19* | |
| 05 15 16 00-0030 | LF | 3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 1.48 | 0.19 |
| | | *For >500, Deduct* | *-0.22* | |
| 05 15 16 00-0031 | LF | 7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 1.77 | 0.19 |
| | | *For >500, Deduct* | *-0.25* | |
| 05 15 16 00-0032 | LF | 1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 2.17 | 0.29 |
| | | *For >500, Deduct* | *-0.30* | |
| 05 15 16 00-0033 | LF | 9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 2.74 | 0.38 |
| | | *For >500, Deduct* | *-0.38* | |
| 05 15 16 00-0034 | LF | 5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 3.23 | 0.38 |
| | | *For >500, Deduct* | *-0.44* | |
| 05 15 16 00-0035 | LF | 3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 4.56 | 0.68 |
| | | *For >500, Deduct* | *-0.61* | |
| 05 15 16 00-0036 | LF | 7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 5.68 | 0.77 |
| | | *For >500, Deduct* | *-0.72* | |
| 05 15 16 00-0037 | LF | 1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope | 7.27 | 1.06 |
| | | *For >500, Deduct* | *-0.91* | |
| 05 15 16 00-0038 | | 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)* | | |
| 05 15 16 00-0039 | LF | 1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 0.87 | 0.10 |
| | | *For >500, Deduct* | *-0.14* | |
| 05 15 16 00-0040 | LF | 5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.17 | 0.10 |
| | | *For >500, Deduct* | *-0.18* | |
| 05 15 16 00-0041 | LF | 3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.48 | 0.19 |
| | | *For >500, Deduct* | *-0.22* | |
| 05 15 16 00-0042 | LF | 7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 1.77 | 0.19 |
| | | *For >500, Deduct* | *-0.25* | |
| 05 15 16 00-0043 | LF | 1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 2.25 | 0.29 |
| | | *For >500, Deduct* | *-0.32* | |
| 05 15 16 00-0044 | LF | 9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 2.71 | 0.38 |
| | | *For >500, Deduct* | *-0.37* | |
| 05 15 16 00-0045 | LF | 5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 3.38 | 0.38 |
| | | *For >500, Deduct* | *-0.47* | |
| 05 15 16 00-0046 | LF | 3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 4.74 | 0.68 |
| | | *For >500, Deduct* | *-0.64* | |
| 05 15 16 00-0047 | LF | 7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 6.24 | 0.77 |
| | | *For >500, Deduct* | *-0.84* | |
| 05 15 16 00-0048 | LF | 1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 7.75 | 1.06 |
| | | *For >500, Deduct* | *-1.02* | |
| 05 15 16 00-0049 | | 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)* | | |
| 05 15 16 00-0050 | LF | 3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 1.66 | 0.19 |
| | | *For >500, Deduct* | *-0.26* | |
| 05 15 16 00-0051 | LF | 7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 1.98 | 0.19 |
| | | *For >500, Deduct* | *-0.29* | |
| 05 15 16 00-0052 | LF | 1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 2.35 | 0.29 |
| | | *For >500, Deduct* | *-0.34* | |
| 05 15 16 00-0053 | LF | 9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 3.13 | 0.38 |
| | | *For >500, Deduct* | *-0.46* | |
| 05 15 16 00-0054 | LF | 5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 3.51 | 0.38 |
| | | *For >500, Deduct* | *-0.49* | |
| 05 15 16 00-0055 | LF | 3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 4.83 | 0.68 |
| | | *For >500, Deduct* | *-0.66* | |
| 05 15 16 00-0056 | LF | 7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 6.26 | 0.77 |
| | | *For >500, Deduct* | *-0.84* | |
| 05 15 16 00-0057 | LF | 1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 8.24 | 1.06 |
| | | *For >500, Deduct* | *-1.10* | |
| 05 15 16 00-0058 | LF | 1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 10.02 | 1.35 |
| | | *For >500, Deduct* | *-1.33* | |
| 05 15 16 00-0059 | LF | 1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 12.12 | 1.63 |
| | | *For >500, Deduct* | *-1.60* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **05 15 16 00-0060** | | **6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope** *(05 15 16)* | | |
| 05 15 16 00-0061 | LF | 3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 1.70 | 0.19 |
| | | *For >500, Deduct* | *-0.27* | |
| 05 15 16 00-0062 | LF | 7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 2.08 | 0.19 |
| | | *For >500, Deduct* | *-0.31* | |
| 05 15 16 00-0063 | LF | 1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 2.49 | 0.29 |
| | | *For >500, Deduct* | *-0.36* | |
| 05 15 16 00-0064 | LF | 9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 3.43 | 0.38 |
| | | *For >500, Deduct* | *-0.52* | |
| 05 15 16 00-0065 | LF | 5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 3.56 | 0.38 |
| | | *For >500, Deduct* | *-0.50* | |
| 05 15 16 00-0066 | LF | 3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 4.93 | 0.68 |
| | | *For >500, Deduct* | *-0.68* | |
| 05 15 16 00-0067 | LF | 7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 6.56 | 0.77 |
| | | *For >500, Deduct* | *-0.90* | |
| 05 15 16 00-0068 | LF | 1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope | 8.34 | 1.06 |
| | | *For >500, Deduct* | *-1.12* | |
| **05 15 16 00-0069** | | **19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope** *(05 15 16)* | | |
| 05 15 16 00-0070 | LF | 1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 1.65 | 0.10 |
| | | *For >500, Deduct* | *-0.29* | |
| 05 15 16 00-0071 | LF | 5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 1.81 | 0.10 |
| | | *For >500, Deduct* | *-0.31* | |
| 05 15 16 00-0072 | LF | 3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 2.16 | 0.19 |
| | | *For >500, Deduct* | *-0.36* | |
| 05 15 16 00-0073 | LF | 7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 2.91 | 0.19 |
| | | *For >500, Deduct* | *-0.48* | |
| 05 15 16 00-0074 | LF | 1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 3.28 | 0.19 |
| | | *For >500, Deduct* | *-0.55* | |
| 05 15 16 00-0075 | LF | 9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 3.91 | 0.38 |
| | | *For >500, Deduct* | *-0.61* | |
| 05 15 16 00-0076 | LF | 5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 4.66 | 0.38 |
| | | *For >500, Deduct* | *-0.73* | |
| 05 15 16 00-0077 | LF | 3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 6.46 | 0.57 |
| | | *For >500, Deduct* | *-1.00* | |
| **05 15 16 00-0078** | | **7x7, Galvanized Finish, Aircraft Cable** *(05 15 16)* | | |
| 05 15 16 00-0079 | LF | 1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable | 0.23 | 0.07 |
| | | *For >500, Deduct* | *-0.03* | |
| 05 15 16 00-0080 | LF | 3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable | 0.26 | 0.08 |
| | | *For >500, Deduct* | *-0.03* | |
| 05 15 16 00-0081 | LF | 1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable | 0.29 | 0.09 |
| | | *For >500, Deduct* | *-0.03* | |
| 05 15 16 00-0082 | LF | 5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable | 0.34 | 0.10 |
| | | *For >500, Deduct* | *-0.04* | |
| 05 15 16 00-0083 | LF | 3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable | 0.41 | 0.10 |
| | | *For >500, Deduct* | *-0.05* | |
| **05 15 16 00-0084** | | **7x19, Galvanized Finish, Aircraft Cable** *(05 15 16)* | | |
| 05 15 16 00-0085 | LF | 1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable | 0.38 | 0.09 |
| | | *For >500, Deduct* | *-0.05* | |
| 05 15 16 00-0086 | LF | 5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable | 0.42 | 0.10 |
| | | *For >500, Deduct* | *-0.05* | |
| 05 15 16 00-0087 | LF | 3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable | 0.48 | 0.10 |
| | | *For >500, Deduct* | *-0.06* | |
| 05 15 16 00-0088 | LF | 1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable | 0.54 | 0.10 |
| | | *For >500, Deduct* | *-0.08* | |
| 05 15 16 00-0089 | LF | 5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable | 0.82 | 0.10 |
| | | *For >500, Deduct* | *-0.11* | |
| 05 15 16 00-0090 | LF | 3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable | 1.12 | 0.10 |
| | | *For >500, Deduct* | *-0.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **05 15 16 00-0091** | | **Heavy Duty, Galvanized Steel, Wire Rope Thimbles** *(05 15 16)* | | |
| 05 15 16 00-0092 | EA | 1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 11.67 | 2.88 |
| 05 15 16 00-0093 | EA | 5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 12.94 | 2.88 |
| 05 15 16 00-0094 | EA | 3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 14.35 | 2.88 |
| 05 15 16 00-0095 | EA | 7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 18.22 | 2.88 |
| 05 15 16 00-0096 | EA | 1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 18.24 | 2.88 |
| 05 15 16 00-0097 | EA | 9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 18.24 | 2.88 |
| 05 15 16 00-0098 | EA | 5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 19.55 | 2.88 |
| 05 15 16 00-0099 | EA | 3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 35.07 | 4.43 |
| 05 15 16 00-0100 | EA | 7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 41.55 | 5.38 |
| 05 15 16 00-0101 | EA | 1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 73.33 | 8.84 |
| 05 15 16 00-0102 | EA | 1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 104.70 | 12.02 |
| 05 15 16 00-0103 | EA | 1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble | 104.70 | 12.02 |
| **05 15 16 00-0104** | | **Galvanized Steel, Wire Rope Clips** *(05 15 16)* | | |
| 05 15 16 00-0105 | EA | 1/8" Diameter, Galvanized Steel, Wire Rope Clip | 13.71 | 2.88 |
| 05 15 16 00-0106 | EA | 3/16" Diameter, Galvanized Steel, Wire Rope Clip | 13.97 | 2.88 |
| 05 15 16 00-0107 | EA | 1/4" Diameter, Galvanized Steel, Wire Rope Clip | 15.70 | 2.88 |
| 05 15 16 00-0108 | EA | 5/16" Diameter, Galvanized Steel, Wire Rope Clip | 15.97 | 2.88 |
| 05 15 16 00-0109 | EA | 3/8" Diameter, Galvanized Steel, Wire Rope Clip | 16.36 | 2.88 |
| 05 15 16 00-0110 | EA | 7/16" Diameter, Galvanized Steel, Wire Rope Clip | 20.08 | 2.88 |
| 05 15 16 00-0111 | EA | 1/2" Diameter, Galvanized Steel, Wire Rope Clip | 20.37 | 2.88 |
| 05 15 16 00-0112 | EA | 9/16" Diameter, Galvanized Steel, Wire Rope Clip | 23.10 | 2.88 |
| 05 15 16 00-0113 | EA | 5/8" Diameter, Galvanized Steel, Wire Rope Clip | 23.49 | 2.88 |
| 05 15 16 00-0114 | EA | 3/4" Diameter, Galvanized Steel, Wire Rope Clip | 32.43 | 3.85 |
| 05 15 16 00-0115 | EA | 7/8" Diameter, Galvanized Steel, Wire Rope Clip | 48.77 | 5.77 |
| 05 15 16 00-0116 | EA | 1" Diameter, Galvanized Steel, Wire Rope Clip | 53.29 | 5.77 |
| 05 15 16 00-0117 | EA | 1-1/8" Diameter, Galvanized Steel, Wire Rope Clip | 63.06 | 7.69 |
| 05 15 16 00-0118 | EA | 1-1/4" Diameter, Galvanized Steel, Wire Rope Clip | 91.65 | 11.55 |
| **05 15 16 00-0119** | | **Steel, Open Swage Sockets** *(05 15 16)* | | |
| 05 15 16 00-0120 | EA | 1/4" Diameter, Steel, Open Swage Socket | 65.55 | 2.88 |
| 05 15 16 00-0121 | EA | 5/16" Diameter, Steel, Open Swage Socket | 103.67 | 2.88 |
| 05 15 16 00-0122 | EA | 3/8" Diameter, Steel, Open Swage Socket | 107.47 | 3.85 |
| 05 15 16 00-0123 | EA | 7/16" Diameter, Steel, Open Swage Socket | 128.33 | 4.81 |
| 05 15 16 00-0124 | EA | 1/2" Diameter, Steel, Open Swage Socket | 128.33 | 4.81 |
| 05 15 16 00-0125 | EA | 9/16" Diameter, Steel, Open Swage Socket | 190.60 | 10.58 |
| 05 15 16 00-0126 | EA | 5/8" Diameter, Steel, Open Swage Socket | 190.60 | 10.58 |
| 05 15 16 00-0127 | EA | 3/4" Diameter, Steel, Open Swage Socket | 248.45 | 20.20 |
| 05 15 16 00-0128 | EA | 7/8" Diameter, Steel, Open Swage Socket | 335.50 | 28.85 |
| 05 15 16 00-0129 | EA | 1" Diameter, Steel, Open Swage Socket | 475.45 | 44.24 |
| 05 15 16 00-0130 | EA | 1-1/8" Diameter, Steel, Open Swage Socket | 633.48 | 69.25 |
| 05 15 16 00-0131 | EA | 1-1/4" Diameter, Steel, Open Swage Socket | 737.69 | 79.83 |
| **05 15 16 00-0132** | | **Steel, Closed Swage Sockets** *(05 15 16)* | | |
| 05 15 16 00-0133 | EA | 1/4" Diameter, Steel, Closed Swage Socket | 53.11 | 2.88 |
| 05 15 16 00-0134 | EA | 5/16" Diameter, Steel, Closed Swage Socket | 71.21 | 2.88 |
| 05 15 16 00-0135 | EA | 3/8" Diameter, Steel, Closed Swage Socket | 71.21 | 2.88 |
| 05 15 16 00-0136 | EA | 7/16" Diameter, Steel, Closed Swage Socket | 89.12 | 3.85 |
| 05 15 16 00-0137 | EA | 1/2" Diameter, Steel, Closed Swage Socket | 90.17 | 3.85 |
| 05 15 16 00-0138 | EA | 9/16" Diameter, Steel, Closed Swage Socket | 125.17 | 6.74 |
| 05 15 16 00-0139 | EA | 5/8" Diameter, Steel, Closed Swage Socket | 129.75 | 7.69 |
| 05 15 16 00-0140 | EA | 3/4" Diameter, Steel, Closed Swage Socket | 162.17 | 12.50 |
| 05 15 16 00-0141 | EA | 7/8" Diameter, Steel, Closed Swage Socket | 211.47 | 18.27 |
| 05 15 16 00-0142 | EA | 1" Diameter, Steel, Closed Swage Socket | 302.33 | 25.01 |
| 05 15 16 00-0143 | EA | 1-1/8" Diameter, Steel, Closed Swage Socket | 377.10 | 34.63 |
| 05 15 16 00-0144 | EA | 1-1/4" Diameter, Steel, Closed Swage Socket | 516.74 | 53.86 |
| **05 15 16 00-0145** | | **Galvanized Steel, Open Spelter Sockets** *(05 15 16)* | | |
| 05 15 16 00-0146 | EA | 1/4" Galvanized Steel, Open Spelter Socket | 108.46 | 2.88 |
| 05 15 16 00-0147 | EA | 5/16" Galvanized Steel, Open Spelter Socket | 111.82 | 2.88 |
| 05 15 16 00-0148 | EA | 3/8" Galvanized Steel, Open Spelter Socket | 111.82 | 2.88 |
| 05 15 16 00-0149 | EA | 7/16" Galvanized Steel, Open Spelter Socket | 126.57 | 5.77 |
| 05 15 16 00-0150 | EA | 1/2" Galvanized Steel, Open Spelter Socket | 126.57 | 5.77 |
| 05 15 16 00-0151 | EA | 9/16" Galvanized Steel, Open Spelter Socket | 167.81 | 9.62 |
| 05 15 16 00-0152 | EA | 5/8" Galvanized Steel, Open Spelter Socket | 167.81 | 9.62 |
| 05 15 16 00-0153 | EA | 3/4" Galvanized Steel, Open Spelter Socket | 214.42 | 14.43 |
| 05 15 16 00-0154 | EA | 7/8" Galvanized Steel, Open Spelter Socket | 322.57 | 24.04 |
| 05 15 16 00-0155 | EA | 1" Galvanized Steel, Open Spelter Socket | 581.29 | 37.51 |
| 05 15 16 00-0156 | EA | 1-1/8" Galvanized Steel, Open Spelter Socket | 696.50 | 60.60 |
| 05 15 16 00-0157 | EA | 1-1/4" Galvanized Steel, Open Spelter Socket | 940.57 | 79.83 |
| **05 15 16 00-0158** | | **Galvanized Steel, Closed Spelter Sockets** *(05 15 16)* | | |
| 05 15 16 00-0159 | EA | 1/4" Galvanized Steel, Closed Spelter Socket | 91.24 | 2.88 |
| 05 15 16 00-0160 | EA | 5/16" Galvanized Steel, Closed Spelter Socket | 91.65 | 2.88 |
| 05 15 16 00-0161 | EA | 3/8" Galvanized Steel, Closed Spelter Socket | 91.65 | 2.88 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 15 16 00-0162 | EA | 7/16" Galvanized Steel, Closed Spelter Socket | 103.99 | 4.81 |
| 05 15 16 00-0163 | EA | 1/2" Galvanized Steel, Closed Spelter Socket | 103.99 | 4.81 |
| 05 15 16 00-0164 | EA | 9/16" Galvanized Steel, Closed Spelter Socket | 147.25 | 8.65 |
| 05 15 16 00-0165 | EA | 5/8" Galvanized Steel, Closed Spelter Socket | 147.25 | 8.65 |
| 05 15 16 00-0166 | EA | 3/4" Galvanized Steel, Closed Spelter Socket | 182.56 | 12.50 |
| 05 15 16 00-0167 | EA | 7/8" Galvanized Steel, Closed Spelter Socket | 267.15 | 19.24 |
| 05 15 16 00-0168 | EA | 1" Galvanized Steel, Closed Spelter Socket | 404.24 | 29.82 |
| 05 15 16 00-0169 | EA | 1-1/8" Galvanized Steel, Closed Spelter Socket | 529.77 | 40.40 |
| 05 15 16 00-0170 | EA | 1-1/4" Galvanized Steel, Closed Spelter Socket | 669.78 | 53.86 |

## 05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles *(05 15 16)*

| | | | | |
|---|---|---|---|---|
| 05 15 16 00-0172 | EA | 1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle | 63.34 | 2.88 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-8.06* | |
| 05 15 16 00-0173 | EA | 5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle | 67.81 | 2.88 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-8.73* | |
| 05 15 16 00-0174 | EA | 3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle | 76.08 | 2.88 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-9.97* | |
| 05 15 16 00-0175 | EA | 1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle | 85.31 | 3.85 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-10.37* | |
| 05 15 16 00-0176 | EA | 1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle | 112.05 | 4.81 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-13.80* | |
| 05 15 16 00-0177 | EA | 1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle | 127.37 | 5.77 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-15.63* | |
| 05 15 16 00-0178 | EA | 5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle | 130.72 | 7.69 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-15.17* | |
| 05 15 16 00-0179 | EA | 5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle | 160.92 | 7.69 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-19.33* | |
| 05 15 16 00-0180 | EA | 5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle | 182.36 | 8.65 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-22.20* | |
| 05 15 16 00-0181 | EA | 3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle | 176.43 | 10.58 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-20.33* | |
| 05 15 16 00-0182 | EA | 3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle | 201.55 | 12.50 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-22.64* | |
| 05 15 16 00-0183 | EA | 3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle | 247.61 | 13.46 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-28.90* | |
| 05 15 16 00-0184 | EA | 3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle | 297.92 | 16.35 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-34.74* | |
| 05 15 16 00-0185 | EA | 7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle | 341.86 | 23.08 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-37.54* | |
| 05 15 16 00-0186 | EA | 7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle | 413.92 | 26.94 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-46.06* | |
| 05 15 16 00-0187 | EA | 1" x 6", Forged Steel, Jaw And Jaw Turnbuckle | 354.53 | 23.08 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-39.44* | |
| 05 15 16 00-0188 | EA | 1" x 12", Forged Steel, Jaw And Jaw Turnbuckle | 408.28 | 29.82 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-43.21* | |
| 05 15 16 00-0189 | EA | 1" x 18", Forged Steel, Jaw And Jaw Turnbuckle | 556.95 | 37.51 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-61.35* | |
| 05 15 16 00-0190 | EA | 1" x 24", Forged Steel, Jaw And Jaw Turnbuckle | 624.42 | 44.24 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-67.43* | |
| 05 15 16 00-0191 | EA | 1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle | 699.00 | 53.86 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-72.79* | |
| 05 15 16 00-0192 | EA | 1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle | 840.95 | 60.60 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-90.07* | |
| 05 15 16 00-0193 | EA | 1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle | 1,083.03 | 69.25 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-121.23* | |
| 05 15 16 00-0194 | EA | 1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle | 1,074.94 | 74.06 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-116.85* | |
| 05 15 16 00-0195 | EA | 1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle | 1,192.95 | 96.18 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-121.23* | |
| 05 15 16 00-0196 | EA | 1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle | 2,111.96 | 125.03 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-244.66* | |
| 05 15 16 00-0197 | EA | 2" x 24", Forged Steel, Jaw And Jaw Turnbuckle | 3,493.58 | 240.46 |
| | | *For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct* | *-379.76* | |

## 05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts *(05 15 16)*

| | | | |
|---|---|---|---|
| 05 15 16 00-0199 | EA | 1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 13.06 |
| 05 15 16 00-0200 | EA | 5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 13.13 |
| 05 15 16 00-0201 | EA | 3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 14.81 |
| 05 15 16 00-0202 | EA | 7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 17.69 |
| 05 15 16 00-0203 | EA | 1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 17.62 |
| 05 15 16 00-0204 | EA | 5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 24.11 |
| 05 15 16 00-0205 | EA | 3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 29.00 |
| 05 15 16 00-0206 | EA | 7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 39.23 |
| 05 15 16 00-0207 | EA | 1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 52.68 |
| 05 15 16 00-0208 | EA | 1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 76.74 |
| 05 15 16 00-0209 | EA | 1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 91.32 |
| 05 15 16 00-0210 | EA | 1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 166.18 |
| 05 15 16 00-0211 | EA | 1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 190.62 |
| 05 15 16 00-0212 | EA | 2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt | 235.79 |

## 05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 15 16 00-0214 | EA | 1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 17.22 | |
| 05 15 16 00-0215 | EA | 1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 15.52 | |
| 05 15 16 00-0216 | EA | 5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 21.11 | |
| 05 15 16 00-0217 | EA | 5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 14.12 | |
| 05 15 16 00-0218 | EA | 3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 19.12 | |
| 05 15 16 00-0219 | EA | 3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 28.89 | |
| 05 15 16 00-0220 | EA | 3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 28.00 | |
| 05 15 16 00-0221 | EA | 3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 26.60 | |
| 05 15 16 00-0222 | EA | 3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 23.83 | |
| 05 15 16 00-0223 | EA | 3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 24.60 | |
| 05 15 16 00-0224 | EA | 1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 21.72 | |
| 05 15 16 00-0225 | EA | 1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 17.28 | |
| 05 15 16 00-0226 | EA | 1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 22.56 | |
| 05 15 16 00-0227 | EA | 1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 30.87 | |
| 05 15 16 00-0228 | EA | 1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 23.40 | |
| 05 15 16 00-0229 | EA | 1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 37.75 | |
| 05 15 16 00-0230 | EA | 1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 33.20 | |
| 05 15 16 00-0231 | EA | 1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 30.27 | |
| 05 15 16 00-0232 | EA | 1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 35.64 | |
| 05 15 16 00-0233 | EA | 5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 36.17 | |
| 05 15 16 00-0234 | EA | 5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 32.18 | |
| 05 15 16 00-0235 | EA | 5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 40.53 | |
| 05 15 16 00-0236 | EA | 5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 46.50 | |
| 05 15 16 00-0237 | EA | 5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 53.65 | |
| 05 15 16 00-0238 | EA | 5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 44.28 | |
| 05 15 16 00-0239 | EA | 3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 44.27 | |
| 05 15 16 00-0240 | EA | 3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 45.15 | |
| 05 15 16 00-0241 | EA | 3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 49.94 | |
| 05 15 16 00-0242 | EA | 3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 53.87 | |
| 05 15 16 00-0243 | EA | 3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 62.98 | |
| 05 15 16 00-0244 | EA | 1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt | 83.46 | |

## 05 15 19 Stainless Steel Wire Rope Assemblies *(05 15)*

### 05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

| | | | | |
|---|---|---|---|---|
| 05 15 19 00-0002 | LF | 1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable | 0.25 | 0.07 |
| | | *For >500, Deduct* | *-0.03* | |
| 05 15 19 00-0003 | LF | 3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable | 0.31 | 0.08 |
| | | *For >500, Deduct* | *-0.04* | |
| 05 15 19 00-0004 | LF | 1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable | 0.40 | 0.09 |
| | | *For >500, Deduct* | *-0.05* | |
| 05 15 19 00-0005 | LF | 5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable | 0.53 | 0.10 |
| | | *For >500, Deduct* | *-0.07* | |
| 05 15 19 00-0006 | LF | 3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable | 0.65 | 0.10 |
| | | *For >500, Deduct* | *-0.09* | |

### 05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

| | | | | |
|---|---|---|---|---|
| 05 15 19 00-0008 | LF | 1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable | 0.45 | 0.09 |
| | | *For >500, Deduct* | *-0.06* | |
| 05 15 19 00-0009 | LF | 5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable | 0.53 | 0.10 |
| | | *For >500, Deduct* | *-0.07* | |
| 05 15 19 00-0010 | LF | 3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable | 0.62 | 0.10 |
| | | *For >500, Deduct* | *-0.09* | |
| 05 15 19 00-0011 | LF | 1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable | 0.77 | 0.10 |
| | | *For >500, Deduct* | *-0.12* | |
| 05 15 19 00-0012 | LF | 5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable | 1.18 | 0.10 |
| | | *For >500, Deduct* | *-0.19* | |
| 05 15 19 00-0013 | LF | 3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable | 1.77 | 0.19 |
| | | *For >500, Deduct* | *-0.28* | |

### 05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

| | | | | |
|---|---|---|---|---|
| 05 15 19 00-0015 | LF | 1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable | 0.25 | 0.07 |
| | | *For >500, Deduct* | *-0.03* | |
| 05 15 19 00-0016 | LF | 3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable | 0.31 | 0.08 |
| | | *For >500, Deduct* | *-0.04* | |
| 05 15 19 00-0017 | LF | 1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable | 0.40 | 0.09 |
| | | *For >500, Deduct* | *-0.05* | |
| 05 15 19 00-0018 | LF | 5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable | 0.53 | 0.10 |
| | | *For >500, Deduct* | *-0.07* | |
| 05 15 19 00-0019 | LF | 3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable | 0.65 | 0.10 |
| | | *For >500, Deduct* | *-0.09* | |

### 05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

| | | | | |
|---|---|---|---|---|
| 05 15 19 00-0021 | LF | 1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable | 0.45 | 0.09 |
| | | *For >500, Deduct* | *-0.06* | |
| 05 15 19 00-0022 | LF | 5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable | 0.53 | 0.10 |
| | | *For >500, Deduct* | *-0.07* | |
| 05 15 19 00-0023 | LF | 3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable | 0.62 | 0.10 |
| | | *For >500, Deduct* | *-0.09* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 15 19 00-0024 | LF | 1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable | 0.77 | 0.10 |
| | | *For >500, Deduct* | *-0.12* | |
| 05 15 19 00-0025 | LF | 5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable | 1.18 | 0.10 |
| | | *For >500, Deduct* | *-0.19* | |
| 05 15 19 00-0026 | LF | 3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable | 1.77 | 0.10 |
| | | *For >500, Deduct* | *-0.28* | |

## 05 20 Metal Joists *(05)*

Note: Includes all connecting bolts and welds.

### 05 21 Steel Joist Framing *(05 20)*

#### 05 21 19 Open Web Steel Joist Framing *(05 21)*

| | | | | |
|---|---|---|---|---|
| 05 21 19 00-0001 | TON | H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging | 2,563.20 | 167.94 |
| | | *For Welded Cross Bridging, Add* | *209.93* | |
| | | *For Shop Prime Paint Other Than Manufacturer's Standard, Add* | *223.61* | |
| 05 21 19 00-0002 | TON | H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging | 2,352.36 | 157.45 |
| | | *For Welded Cross Bridging, Add* | *186.61* | |
| | | *For Shop Prime Paint Other Than Manufacturer's Standard, Add* | *207.64* | |
| 05 21 19 00-0003 | TON | LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging | 2,838.88 | 157.45 |
| | | *For Welded Cross Bridging, Add* | *193.78* | |
| | | *For Shop Prime Paint Other Than Manufacturer's Standard, Add* | *263.15* | |
| 05 21 19 00-0004 | TON | DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging | 3,228.74 | 157.45 |
| | | *For Welded Cross Bridging, Add* | *193.78* | |
| | | *For Shop Prime Paint Other Than Manufacturer's Standard, Add* | *309.94* | |
| 05 21 19 00-0005 | TON | CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging | 2,843.97 | 157.45 |
| | | *For Welded Cross Bridging, Add* | *209.93* | |
| | | *For Shop Prime Paint Other Than Manufacturer's Standard, Add* | *257.31* | |
| 05 21 19 00-0006 | TON | SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging | 3,569.86 | 157.45 |
| | | *For Welded Cross Bridging, Add* | *193.78* | |
| | | *For Shop Prime Paint Other Than Manufacturer's Standard, Add* | *350.87* | |

## 05 30 Metal Decking *(05)*

Note: Includes all connecting bolts and welds.

### 05 31 Steel Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete where required.

#### 05 31 13 Steel Floor Decking *(05 31)*

Note: Floor or roof decking

##### 05 31 13 00-0001 Open Ribbed Galvanized Steel Deck *(05 31 13)*

| | | | | |
|---|---|---|---|---|
| 05 31 13 00-0002 | SF | 1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck | 3.08 | |
| | | *For Painted, Deduct* | *-0.13* | |
| | | *For Perforated Or Slotted, Add* | *0.13* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *0.81* | |
| | | *For Up To 100, Add* | *0.79* | |
| | | *For >100 To 500, Add* | *0.47* | |
| | | *For >500 To 1,500, Add* | *0.14* | |
| 05 31 13 00-0003 | SF | 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck | 3.50 | |
| | | *For Painted, Deduct* | *-0.14* | |
| | | *For Perforated Or Slotted, Add* | *0.14* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *0.92* | |
| | | *For Up To 100, Add* | *0.92* | |
| | | *For >100 To 500, Add* | *0.54* | |
| | | *For >500 To 1,500, Add* | *0.16* | |
| 05 31 13 00-0004 | SF | 1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | 4.41 | |
| | | *For Painted, Deduct* | *-0.18* | |
| | | *For Perforated Or Slotted, Add* | *0.18* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.16* | |
| | | *For Up To 100, Add* | *1.13* | |
| | | *For >100 To 500, Add* | *0.67* | |
| | | *For >500 To 1,500, Add* | *0.19* | |
| 05 31 13 00-0005 | SF | 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck | 3.38 | |
| | | *For Painted, Deduct* | *-0.14* | |
| | | *For Perforated Or Slotted, Add* | *0.14* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *0.89* | |
| | | *For Up To 100, Add* | *0.89* | |
| | | *For >100 To 500, Add* | *0.52* | |
| | | *For >500 To 1,500, Add* | *0.15* | |
| 05 31 13 00-0006 | SF | 1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck | 3.89 | |
| | | *For Painted, Deduct* | *-0.16* | |
| | | *For Perforated Or Slotted, Add* | *0.16* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.03* | |
| | | *For Up To 100, Add* | *1.02* | |
| | | *For >100 To 500, Add* | *0.60* | |
| | | *For >500 To 1,500, Add* | *0.18* | |
| 05 31 13 00-0007 | SF | 1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | 4.89 | |
| | | *For Painted, Deduct* | *-0.20* | |
| | | *For Perforated Or Slotted, Add* | *0.20* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.28* | |
| | | *For Up To 100, Add* | *1.26* | |
| | | *For >100 To 500, Add* | *0.75* | |
| | | *For >500 To 1,500, Add* | *0.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 31 13 00-0008 | SF | 2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck | 3.83 | |
| | | *For Painted, Deduct* | *-0.16* | |
| | | *For Perforated Or Slotted, Add* | *0.16* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.01* | |
| | | *For Up To 100, Add* | *0.96* | |
| | | *For >100 To 500, Add* | *0.58* | |
| | | *For >500 To 1,500, Add* | *0.16* | |
| 05 31 13 00-0009 | SF | 2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck | 4.44 | |
| | | *For Painted, Deduct* | *-0.19* | |
| | | *For Perforated Or Slotted, Add* | *0.19* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.17* | |
| | | *For Up To 100, Add* | *1.10* | |
| | | *For >100 To 500, Add* | *0.66* | |
| | | *For >500 To 1,500, Add* | *0.18* | |
| 05 31 13 00-0010 | SF | 2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | 5.49 | |
| | | *For Painted, Deduct* | *-0.23* | |
| | | *For Perforated Or Slotted, Add* | *0.23* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.44* | |
| | | *For Up To 100, Add* | *1.30* | |
| | | *For >100 To 500, Add* | *0.80* | |
| | | *For >500 To 1,500, Add* | *0.21* | |
| 05 31 13 00-0011 | SF | 2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck | 6.93 | |
| | | *For Painted, Deduct* | *-0.30* | |
| | | *For Perforated Or Slotted, Add* | *0.30* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.80* | |
| | | *For Up To 100, Add* | *1.51* | |
| | | *For >100 To 500, Add* | *0.97* | |
| | | *For >500 To 1,500, Add* | *0.23* | |
| 05 31 13 00-0012 | SF | 3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck | 4.29 | |
| | | *For Painted, Deduct* | *-0.18* | |
| | | *For Perforated Or Slotted, Add* | *0.18* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.12* | |
| | | *For Up To 100, Add* | *1.04* | |
| | | *For >100 To 500, Add* | *0.63* | |
| | | *For >500 To 1,500, Add* | *0.17* | |
| 05 31 13 00-0013 | SF | 3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck | 5.01 | |
| | | *For Painted, Deduct* | *-0.21* | |
| | | *For Perforated Or Slotted, Add* | *0.21* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.31* | |
| | | *For Up To 100, Add* | *1.19* | |
| | | *For >100 To 500, Add* | *0.73* | |
| | | *For >500 To 1,500, Add* | *0.19* | |
| 05 31 13 00-0014 | SF | 3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | 6.24 | |
| | | *For Painted, Deduct* | *-0.26* | |
| | | *For Perforated Or Slotted, Add* | *0.26* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *1.63* | |
| | | *For Up To 100, Add* | *1.48* | |
| | | *For >100 To 500, Add* | *0.91* | |
| | | *For >500 To 1,500, Add* | *0.24* | |
| 05 31 13 00-0015 | SF | 3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck | 7.86 | |
| | | *For Painted, Deduct* | *-0.34* | |
| | | *For Perforated Or Slotted, Add* | *0.34* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *2.05* | |
| | | *For Up To 100, Add* | *1.82* | |
| | | *For >100 To 500, Add* | *1.13* | |
| | | *For >500 To 1,500, Add* | *0.29* | |
| 05 31 13 00-0016 | SF | 4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | 11.70 | |
| | | *For Painted, Deduct* | *-0.53* | |
| | | *For Perforated Or Slotted, Add* | *0.53* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *3.00* | |
| | | *For Up To 100, Add* | *2.11* | |
| | | *For >100 To 500, Add* | *1.48* | |
| | | *For >500 To 1,500, Add* | *0.26* | |
| 05 31 13 00-0017 | SF | 4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck | 14.51 | |
| | | *For Painted, Deduct* | *-0.68* | |
| | | *For Perforated Or Slotted, Add* | *0.68* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *3.70* | |
| | | *For Up To 100, Add* | *2.31* | |
| | | *For >100 To 500, Add* | *1.74* | |
| | | *For >500 To 1,500, Add* | *0.24* | |
| 05 31 13 00-0018 | SF | 6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck | 14.36 | |
| | | *For Painted, Deduct* | *-0.63* | |
| | | *For Perforated Or Slotted, Add* | *0.63* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *3.73* | |
| | | *For Up To 100, Add* | *3.10* | |
| | | *For >100 To 500, Add* | *1.99* | |
| | | *For >500 To 1,500, Add* | *0.46* | |
| 05 31 13 00-0019 | SF | 6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | 14.09 | |
| | | *For Painted, Deduct* | *-0.65* | |
| | | *For Perforated Or Slotted, Add* | *0.65* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *3.61* | |
| | | *For Up To 100, Add* | *2.44* | |
| | | *For >100 To 500, Add* | *1.75* | |
| | | *For >500 To 1,500, Add* | *0.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 31 13 00-0020 | SF | 6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck | 17.60 | |
| | | *For Painted, Deduct* | *-0.81* | |
| | | *For Perforated Or Slotted, Add* | *0.81* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *4.51* | |
| | | *For Up To 100, Add* | *3.02* | |
| | | *For >100 To 500, Add* | *2.18* | |
| | | *For >500 To 1,500, Add* | *0.35* | |
| 05 31 13 00-0021 | SF | 7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | 15.57 | |
| | | *For Painted, Deduct* | *-0.72* | |
| | | *For Perforated Or Slotted, Add* | *0.72* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *3.99* | |
| | | *For Up To 100, Add* | *2.69* | |
| | | *For >100 To 500, Add* | *1.94* | |
| | | *For >500 To 1,500, Add* | *0.32* | |
| 05 31 13 00-0022 | SF | 7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck | 19.42 | |
| | | *For Painted, Deduct* | *-0.89* | |
| | | *For Perforated Or Slotted, Add* | *0.89* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *4.97* | |
| | | *For Up To 100, Add* | *3.33* | |
| | | *For >100 To 500, Add* | *2.40* | |
| | | *For >500 To 1,500, Add* | *0.39* | |

## 05 31 13 00-0023 Cellular Galvanized Steel Deck *(05 31 13)*

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

| | | | | |
|---|---|---|---|---|
| 05 31 13 00-0024 | SF | 1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck | 10.28 | |
| | | *For Painted, Deduct* | *-0.47* | |
| | | *For Perforated Or Slotted, Add* | *0.47* | |
| | | *For Insulated Cells, Add* | *2.09* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *2.64* | |
| | | *For Up To 100, Add* | *1.91* | |
| | | *For >100 To 500, Add* | *1.32* | |
| | | *For >500 To 1,500, Add* | *0.25* | |
| 05 31 13 00-0025 | SF | 1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck | 11.14 | |
| | | *For Painted, Deduct* | *-0.49* | |
| | | *For Perforated Or Slotted, Add* | *0.49* | |
| | | *For Insulated Cells, Add* | *2.22* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *2.88* | |
| | | *For Up To 100, Add* | *2.28* | |
| | | *For >100 To 500, Add* | *1.50* | |
| | | *For >500 To 1,500, Add* | *0.32* | |
| 05 31 13 00-0026 | SF | 1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck | 12.64 | |
| | | *For Painted, Deduct* | *-0.58* | |
| | | *For Perforated Or Slotted, Add* | *0.58* | |
| | | *For Insulated Cells, Add* | *2.61* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *3.24* | |
| | | *For Up To 100, Add* | *2.18* | |
| | | *For >100 To 500, Add* | *1.57* | |
| | | *For >500 To 1,500, Add* | *0.26* | |
| 05 31 13 00-0027 | SF | 1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck | 13.64 | |
| | | *For Painted, Deduct* | *-0.61* | |
| | | *For Perforated Or Slotted, Add* | *0.61* | |
| | | *For Insulated Cells, Add* | *2.77* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *3.51* | |
| | | *For Up To 100, Add* | *2.58* | |
| | | *For >100 To 500, Add* | *1.77* | |
| | | *For >500 To 1,500, Add* | *0.34* | |
| 05 31 13 00-0028 | SF | 3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck | 14.46 | |
| | | *For Painted, Deduct* | *-0.66* | |
| | | *For Perforated Or Slotted, Add* | *0.66* | |
| | | *For Insulated Cells, Add* | *2.98* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *3.71* | |
| | | *For Up To 100, Add* | *2.54* | |
| | | *For >100 To 500, Add* | *1.81* | |
| | | *For >500 To 1,500, Add* | *0.31* | |
| 05 31 13 00-0029 | SF | 3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck | 17.30 | |
| | | *For Painted, Deduct* | *-0.79* | |
| | | *For Perforated Or Slotted, Add* | *0.79* | |
| | | *For Insulated Cells, Add* | *3.57* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *4.43* | |
| | | *For Up To 100, Add* | *3.02* | |
| | | *For >100 To 500, Add* | *2.16* | |
| | | *For >500 To 1,500, Add* | *0.36* | |
| 05 31 13 00-0030 | SF | 3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck | 19.41 | |
| | | *For Painted, Deduct* | *-0.89* | |
| | | *For Perforated Or Slotted, Add* | *0.89* | |
| | | *For Insulated Cells, Add* | *4.02* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *4.97* | |
| | | *For Up To 100, Add* | *3.33* | |
| | | *For >100 To 500, Add* | *2.40* | |
| | | *For >500 To 1,500, Add* | *0.39* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 31 13 00-0031 | SF | 3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck | 20.97 | |
| | | *For Painted, Deduct* | *-0.97* | |
| | | *For Perforated Or Slotted, Add* | *0.97* | |
| | | *For Insulated Cells, Add* | *4.35* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *5.36* | |
| | | *For Up To 100, Add* | *3.58* | |
| | | *For >100 To 500, Add* | *2.59* | |
| | | *For >500 To 1,500, Add* | *0.41* | |
| 05 31 13 00-0032 | SF | 4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck | 22.53 | |
| | | *For Painted, Deduct* | *-1.06* | |
| | | *For Perforated Or Slotted, Add* | *1.06* | |
| | | *For Insulated Cells, Add* | *4.79* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *5.73* | |
| | | *For Up To 100, Add* | *3.37* | |
| | | *For >100 To 500, Add* | *2.63* | |
| | | *For >500 To 1,500, Add* | *0.31* | |
| 05 31 13 00-0033 | SF | 4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck | 23.94 | |
| | | *For Painted, Deduct* | *-1.12* | |
| | | *For Perforated Or Slotted, Add* | *1.12* | |
| | | *For Insulated Cells, Add* | *5.06* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *6.09* | |
| | | *For Up To 100, Add* | *3.70* | |
| | | *For >100 To 500, Add* | *2.83* | |
| | | *For >500 To 1,500, Add* | *0.36* | |
| 05 31 13 00-0034 | SF | 4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck | 25.30 | |
| | | *For Painted, Deduct* | *-1.19* | |
| | | *For Perforated Or Slotted, Add* | *1.19* | |
| | | *For Insulated Cells, Add* | *5.34* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *6.44* | |
| | | *For Up To 100, Add* | *3.93* | |
| | | *For >100 To 500, Add* | *3.00* | |
| | | *For >500 To 1,500, Add* | *0.39* | |
| 05 31 13 00-0035 | SF | 4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck | 26.98 | |
| | | *For Painted, Deduct* | *-1.27* | |
| | | *For Perforated Or Slotted, Add* | *1.27* | |
| | | *For Insulated Cells, Add* | *5.69* | |
| | | *For Site Installed Insulation Between Ribs, Add* | *6.87* | |
| | | *For Up To 100, Add* | *4.20* | |
| | | *For >100 To 500, Add* | *3.20* | |
| | | *For >500 To 1,500, Add* | *0.42* | |

## 05 31 23 Steel Roof Decking *(05 31)*

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

## 05 31 33 Steel Form Decking *(05 31)*

### 05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck *(05 31 33)*

| | | | | |
|---|---|---|---|---|
| 05 31 33 00-0002 | SF | 9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck | 2.73 | |
| | | *For Painted, Deduct* | *-0.10* | |
| | | *For Perforated Or Slotted, Add* | *0.10* | |
| | | *For Up To 100, Add* | *1.00* | |
| | | *For >100 To 500, Add* | *0.52* | |
| | | *For >500 To 1,500, Add* | *0.20* | |
| 05 31 33 00-0003 | SF | 9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck | 2.91 | |
| | | *For Painted, Deduct* | *-0.10* | |
| | | *For Perforated Or Slotted, Add* | *0.10* | |
| | | *For Up To 100, Add* | *1.07* | |
| | | *For >100 To 500, Add* | *0.55* | |
| | | *For >500 To 1,500, Add* | *0.22* | |
| 05 31 33 00-0004 | SF | 9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck | 3.22 | |
| | | *For Painted, Deduct* | *-0.11* | |
| | | *For Perforated Or Slotted, Add* | *0.11* | |
| | | *For Up To 100, Add* | *1.22* | |
| | | *For >100 To 500, Add* | *0.62* | |
| | | *For >500 To 1,500, Add* | *0.25* | |
| 05 31 33 00-0005 | SF | 9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck | 3.47 | |
| | | *For Painted, Deduct* | *-0.12* | |
| | | *For Perforated Or Slotted, Add* | *0.12* | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.69* | |
| | | *For >500 To 1,500, Add* | *0.28* | |
| 05 31 33 00-0006 | SF | 15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck | 3.31 | |
| | | *For Painted, Deduct* | *-0.12* | |
| | | *For Perforated Or Slotted, Add* | *0.12* | |
| | | *For Up To 100, Add* | *1.11* | |
| | | *For >100 To 500, Add* | *0.59* | |
| | | *For >500 To 1,500, Add* | *0.22* | |
| 05 31 33 00-0007 | SF | 15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck | 3.48 | |
| | | *For Painted, Deduct* | *-0.13* | |
| | | *For Perforated Or Slotted, Add* | *0.13* | |
| | | *For Up To 100, Add* | *1.17* | |
| | | *For >100 To 500, Add* | *0.62* | |
| | | *For >500 To 1,500, Add* | *0.23* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 31 33 00-0008 | SF | 15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck | 3.66 | |
| | | *For Painted, Deduct* | *-0.13* | |
| | | *For Perforated Or Slotted, Add* | *0.13* | |
| | | *For Up To 100, Add* | *1.27* | |
| | | *For >100 To 500, Add* | *0.67* | |
| | | *For >500 To 1,500, Add* | *0.25* | |
| 05 31 33 00-0009 | SF | 15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck | 3.89 | |
| | | *For Painted, Deduct* | *-0.14* | |
| | | *For Perforated Or Slotted, Add* | *0.14* | |
| | | *For Up To 100, Add* | *1.41* | |
| | | *For >100 To 500, Add* | *0.73* | |
| | | *For >500 To 1,500, Add* | *0.28* | |
| 05 31 33 00-0010 | SF | 1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck | 4.11 | |
| | | *For Painted, Deduct* | *-0.15* | |
| | | *For Perforated Or Slotted, Add* | *0.15* | |
| | | *For Up To 100, Add* | *1.47* | |
| | | *For >100 To 500, Add* | *0.77* | |
| | | *For >500 To 1,500, Add* | *0.30* | |
| 05 31 33 00-0011 | SF | 1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck | 4.48 | |
| | | *For Painted, Deduct* | *-0.16* | |
| | | *For Perforated Or Slotted, Add* | *0.16* | |
| | | *For Up To 100, Add* | *1.55* | |
| | | *For >100 To 500, Add* | *0.81* | |
| | | *For >500 To 1,500, Add* | *0.31* | |
| 05 31 33 00-0012 | SF | 1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck | 5.16 | |
| | | *For Painted, Deduct* | *-0.19* | |
| | | *For Perforated Or Slotted, Add* | *0.19* | |
| | | *For Up To 100, Add* | *1.70* | |
| | | *For >100 To 500, Add* | *0.91* | |
| | | *For >500 To 1,500, Add* | *0.33* | |
| 05 31 33 00-0013 | SF | 1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck | 5.72 | |
| | | *For Painted, Deduct* | *-0.21* | |
| | | *For Perforated Or Slotted, Add* | *0.21* | |
| | | *For Up To 100, Add* | *1.92* | |
| | | *For >100 To 500, Add* | *1.02* | |
| | | *For >500 To 1,500, Add* | *0.38* | |

## 05 36 Composite Metal Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete.

### 05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

| | | | | |
|---|---|---|---|---|
| 05 36 00 00-0002 | SF | 1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck | 4.15 | |
| | | *For Painted, Deduct* | *-0.15* | |
| | | *For Perforated Or Slotted, Add* | *0.15* | |
| | | *For Up To 100, Add* | *1.48* | |
| | | *For >100 To 500, Add* | *0.77* | |
| | | *For >500 To 1,500, Add* | *0.30* | |
| 05 36 00 00-0003 | SF | 1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck | 4.42 | |
| | | *For Painted, Deduct* | *-0.16* | |
| | | *For Perforated Or Slotted, Add* | *0.16* | |
| | | *For Up To 100, Add* | *1.62* | |
| | | *For >100 To 500, Add* | *0.84* | |
| | | *For >500 To 1,500, Add* | *0.33* | |
| 05 36 00 00-0004 | SF | 1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck | 4.92 | |
| | | *For Painted, Deduct* | *-0.16* | |
| | | *For Perforated Or Slotted, Add* | *0.16* | |
| | | *For Up To 100, Add* | *1.96* | |
| | | *For >100 To 500, Add* | *0.98* | |
| | | *For >500 To 1,500, Add* | *0.41* | |
| 05 36 00 00-0005 | SF | 1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck | 5.34 | |
| | | *For Painted, Deduct* | *-0.17* | |
| | | *For Perforated Or Slotted, Add* | *0.17* | |
| | | *For Up To 100, Add* | *2.28* | |
| | | *For >100 To 500, Add* | *1.12* | |
| | | *For >500 To 1,500, Add* | *0.49* | |
| 05 36 00 00-0006 | SF | 2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck | 4.42 | |
| | | *For Painted, Deduct* | *-0.16* | |
| | | *For Perforated Or Slotted, Add* | *0.16* | |
| | | *For Up To 100, Add* | *1.62* | |
| | | *For >100 To 500, Add* | *0.84* | |
| | | *For >500 To 1,500, Add* | *0.33* | |
| 05 36 00 00-0007 | SF | 2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck | 4.78 | |
| | | *For Painted, Deduct* | *-0.17* | |
| | | *For Perforated Or Slotted, Add* | *0.17* | |
| | | *For Up To 100, Add* | *1.78* | |
| | | *For >100 To 500, Add* | *0.91* | |
| | | *For >500 To 1,500, Add* | *0.36* | |
| 05 36 00 00-0008 | SF | 2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck | 5.27 | |
| | | *For Painted, Deduct* | *-0.18* | |
| | | *For Perforated Or Slotted, Add* | *0.18* | |
| | | *For Up To 100, Add* | *2.11* | |
| | | *For >100 To 500, Add* | *1.06* | |
| | | *For >500 To 1,500, Add* | *0.44* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 36 00 00-0009 | SF | 2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck | 5.73 | |
| | | *For Painted, Deduct* | *-0.18* | |
| | | *For Perforated Or Slotted, Add* | *0.18* | |
| | | *For Up To 100, Add* | *2.45* | |
| | | *For >100 To 500, Add* | *1.20* | |
| | | *For >500 To 1,500, Add* | *0.52* | |
| 05 36 00 00-0010 | SF | 3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck | 4.64 | |
| | | *For Painted, Deduct* | *-0.16* | |
| | | *For Perforated Or Slotted, Add* | *0.16* | |
| | | *For Up To 100, Add* | *1.68* | |
| | | *For >100 To 500, Add* | *0.87* | |
| | | *For >500 To 1,500, Add* | *0.34* | |
| 05 36 00 00-0011 | SF | 3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck | 4.97 | |
| | | *For Painted, Deduct* | *-0.17* | |
| | | *For Perforated Or Slotted, Add* | *0.17* | |
| | | *For Up To 100, Add* | *1.88* | |
| | | *For >100 To 500, Add* | *0.96* | |
| | | *For >500 To 1,500, Add* | *0.39* | |
| 05 36 00 00-0012 | SF | 3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck | 5.55 | |
| | | *For Painted, Deduct* | *-0.18* | |
| | | *For Perforated Or Slotted, Add* | *0.18* | |
| | | *For Up To 100, Add* | *2.27* | |
| | | *For >100 To 500, Add* | *1.13* | |
| | | *For >500 To 1,500, Add* | *0.48* | |
| 05 36 00 00-0013 | SF | 3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck | 6.16 | |
| | | *For Painted, Deduct* | *-0.20* | |
| | | *For Perforated Or Slotted, Add* | *0.20* | |
| | | *For Up To 100, Add* | *2.65* | |
| | | *For >100 To 500, Add* | *1.29* | |
| | | *For >500 To 1,500, Add* | *0.57* | |

### 05 36 00 00-0014 Composite Cellular Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

| | | | | |
|---|---|---|---|---|
| 05 36 00 00-0015 | SF | 1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck | 7.60 | |
| | | *For Painted, Deduct* | *-0.27* | |
| | | *For Perforated Or Slotted, Add* | *0.27* | |
| | | *For Insulated Cells, Add* | *1.23* | |
| | | *For Up To 100, Add* | *2.68* | |
| | | *For >100 To 500, Add* | *1.40* | |
| | | *For >500 To 1,500, Add* | *0.53* | |
| 05 36 00 00-0016 | SF | 1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck | 8.11 | |
| | | *For Painted, Deduct* | *-0.29* | |
| | | *For Perforated Or Slotted, Add* | *0.29* | |
| | | *For Insulated Cells, Add* | *1.30* | |
| | | *For Up To 100, Add* | *2.93* | |
| | | *For >100 To 500, Add* | *1.52* | |
| | | *For >500 To 1,500, Add* | *0.59* | |
| 05 36 00 00-0017 | SF | 1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck | 8.20 | |
| | | *For Painted, Deduct* | *-0.29* | |
| | | *For Perforated Or Slotted, Add* | *0.29* | |
| | | *For Insulated Cells, Add* | *1.30* | |
| | | *For Up To 100, Add* | *3.02* | |
| | | *For >100 To 500, Add* | *1.55* | |
| | | *For >500 To 1,500, Add* | *0.61* | |
| 05 36 00 00-0018 | SF | 1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck | 8.69 | |
| | | *For Painted, Deduct* | *-0.30* | |
| | | *For Perforated Or Slotted, Add* | *0.30* | |
| | | *For Insulated Cells, Add* | *1.34* | |
| | | *For Up To 100, Add* | *3.32* | |
| | | *For >100 To 500, Add* | *1.69* | |
| | | *For >500 To 1,500, Add* | *0.68* | |
| 05 36 00 00-0019 | SF | 1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck | 9.31 | |
| | | *For Painted, Deduct* | *-0.32* | |
| | | *For Perforated Or Slotted, Add* | *0.32* | |
| | | *For Insulated Cells, Add* | *1.43* | |
| | | *For Up To 100, Add* | *3.58* | |
| | | *For >100 To 500, Add* | *1.81* | |
| | | *For >500 To 1,500, Add* | *0.74* | |
| 05 36 00 00-0020 | SF | 1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck | 9.40 | |
| | | *For Painted, Deduct* | *-0.32* | |
| | | *For Perforated Or Slotted, Add* | *0.32* | |
| | | *For Insulated Cells, Add* | *1.43* | |
| | | *For Up To 100, Add* | *3.67* | |
| | | *For >100 To 500, Add* | *1.85* | |
| | | *For >500 To 1,500, Add* | *0.76* | |
| 05 36 00 00-0021 | SF | 1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck | 9.88 | |
| | | *For Painted, Deduct* | *-0.33* | |
| | | *For Perforated Or Slotted, Add* | *0.33* | |
| | | *For Insulated Cells, Add* | *1.48* | |
| | | *For Up To 100, Add* | *3.96* | |
| | | *For >100 To 500, Add* | *1.98* | |
| | | *For >500 To 1,500, Add* | *0.83* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 36 00 00-0022 | SF | 2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck | 7.84 | |
| | | *For Painted, Deduct* | *-0.28* | |
| | | *For Perforated Or Slotted, Add* | *0.28* | |
| | | *For Insulated Cells, Add* | *1.26* | |
| | | *For Up To 100, Add* | *2.82* | |
| | | *For >100 To 500, Add* | *1.46* | |
| | | *For >500 To 1,500, Add* | *0.57* | |
| 05 36 00 00-0023 | SF | 2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck | 8.27 | |
| | | *For Painted, Deduct* | *-0.29* | |
| | | *For Perforated Or Slotted, Add* | *0.29* | |
| | | *For Insulated Cells, Add* | *1.31* | |
| | | *For Up To 100, Add* | *3.02* | |
| | | *For >100 To 500, Add* | *1.56* | |
| | | *For >500 To 1,500, Add* | *0.61* | |
| 05 36 00 00-0024 | SF | 2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck | 8.36 | |
| | | *For Painted, Deduct* | *-0.29* | |
| | | *For Perforated Or Slotted, Add* | *0.29* | |
| | | *For Insulated Cells, Add* | *1.31* | |
| | | *For Up To 100, Add* | *3.11* | |
| | | *For >100 To 500, Add* | *1.60* | |
| | | *For >500 To 1,500, Add* | *0.63* | |
| 05 36 00 00-0025 | SF | 2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck | 8.95 | |
| | | *For Painted, Deduct* | *-0.31* | |
| | | *For Perforated Or Slotted, Add* | *0.31* | |
| | | *For Insulated Cells, Add* | *1.38* | |
| | | *For Up To 100, Add* | *3.42* | |
| | | *For >100 To 500, Add* | *1.74* | |
| | | *For >500 To 1,500, Add* | *0.70* | |
| 05 36 00 00-0026 | SF | 2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck | 9.47 | |
| | | *For Painted, Deduct* | *-0.32* | |
| | | *For Perforated Or Slotted, Add* | *0.32* | |
| | | *For Insulated Cells, Add* | *1.45* | |
| | | *For Up To 100, Add* | *3.67* | |
| | | *For >100 To 500, Add* | *1.86* | |
| | | *For >500 To 1,500, Add* | *0.76* | |
| 05 36 00 00-0027 | SF | 2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck | 9.61 | |
| | | *For Painted, Deduct* | *-0.32* | |
| | | *For Perforated Or Slotted, Add* | *0.32* | |
| | | *For Insulated Cells, Add* | *1.45* | |
| | | *For Up To 100, Add* | *3.81* | |
| | | *For >100 To 500, Add* | *1.91* | |
| | | *For >500 To 1,500, Add* | *0.79* | |
| 05 36 00 00-0028 | SF | 2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck | 10.12 | |
| | | *For Painted, Deduct* | *-0.34* | |
| | | *For Perforated Or Slotted, Add* | *0.34* | |
| | | *For Insulated Cells, Add* | *1.51* | |
| | | *For Up To 100, Add* | *4.06* | |
| | | *For >100 To 500, Add* | *2.03* | |
| | | *For >500 To 1,500, Add* | *0.85* | |
| 05 36 00 00-0029 | SF | 3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck | 7.88 | |
| | | *For Painted, Deduct* | *-0.28* | |
| | | *For Perforated Or Slotted, Add* | *0.28* | |
| | | *For Insulated Cells, Add* | *1.26* | |
| | | *For Up To 100, Add* | *2.82* | |
| | | *For >100 To 500, Add* | *1.47* | |
| | | *For >500 To 1,500, Add* | *0.57* | |
| 05 36 00 00-0030 | SF | 3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck | 8.31 | |
| | | *For Painted, Deduct* | *-0.29* | |
| | | *For Perforated Or Slotted, Add* | *0.29* | |
| | | *For Insulated Cells, Add* | *1.31* | |
| | | *For Up To 100, Add* | *3.06* | |
| | | *For >100 To 500, Add* | *1.58* | |
| | | *For >500 To 1,500, Add* | *0.62* | |
| 05 36 00 00-0031 | SF | 3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck | 8.46 | |
| | | *For Painted, Deduct* | *-0.29* | |
| | | *For Perforated Or Slotted, Add* | *0.29* | |
| | | *For Insulated Cells, Add* | *1.31* | |
| | | *For Up To 100, Add* | *3.21* | |
| | | *For >100 To 500, Add* | *1.64* | |
| | | *For >500 To 1,500, Add* | *0.66* | |
| 05 36 00 00-0032 | SF | 3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck | 9.04 | |
| | | *For Painted, Deduct* | *-0.31* | |
| | | *For Perforated Or Slotted, Add* | *0.31* | |
| | | *For Insulated Cells, Add* | *1.39* | |
| | | *For Up To 100, Add* | *3.47* | |
| | | *For >100 To 500, Add* | *1.76* | |
| | | *For >500 To 1,500, Add* | *0.71* | |
| 05 36 00 00-0033 | SF | 3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck | 9.62 | |
| | | *For Painted, Deduct* | *-0.33* | |
| | | *For Perforated Or Slotted, Add* | *0.33* | |
| | | *For Insulated Cells, Add* | *1.47* | |
| | | *For Up To 100, Add* | *3.73* | |
| | | *For >100 To 500, Add* | *1.88* | |
| | | *For >500 To 1,500, Add* | *0.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 36 00 00-0034 | SF | 3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck | 9.81 | |
| | | *For Painted, Deduct* | *-0.33* | |
| | | *For Perforated Or Slotted, Add* | *0.33* | |
| | | *For Insulated Cells, Add* | *1.47* | |
| | | *For Up To 100, Add* | *3.92* | |
| | | *For >100 To 500, Add* | *1.96* | |
| | | *For >500 To 1,500, Add* | *0.82* | |
| 05 36 00 00-0035 | SF | 3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck | 10.21 | |
| | | *For Painted, Deduct* | *-0.34* | |
| | | *For Perforated Or Slotted, Add* | *0.34* | |
| | | *For Insulated Cells, Add* | *1.51* | |
| | | *For Up To 100, Add* | *4.15* | |
| | | *For >100 To 500, Add* | *2.07* | |
| | | *For >500 To 1,500, Add* | *0.87* | |

## 05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

### 05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

#### 05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

| | | | | |
|---|---|---|---|---|
| 05 41 00 00-0002 | SF | 2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 4.76 | 0.77 |
| | | *For Walls >10' High, Add* | *0.95* | |
| | | *For Curved Wall, Add* | *0.54* | |
| | | *For Up To 200, Add* | *1.31* | |
| | | *For >200 To 500, Add* | *0.66* | |
| | | *For 12" On Center, Add* | *0.86* | |
| | | *For 24" On Center, Deduct* | *-0.86* | |
| 05 41 00 00-0003 | SF | 3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 5.37 | 0.77 |
| | | *For Walls >10' High, Add* | *1.07* | |
| | | *For Curved Wall, Add* | *0.56* | |
| | | *For Up To 200, Add* | *1.45* | |
| | | *For >200 To 500, Add* | *0.73* | |
| | | *For 12" On Center, Add* | *0.98* | |
| | | *For 24" On Center, Deduct* | *-0.98* | |
| 05 41 00 00-0004 | SF | 4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 5.60 | 0.77 |
| | | *For Walls >10' High, Add* | *1.12* | |
| | | *For Curved Wall, Add* | *0.59* | |
| | | *For Up To 200, Add* | *1.51* | |
| | | *For >200 To 500, Add* | *0.76* | |
| | | *For 12" On Center, Add* | *1.02* | |
| | | *For 24" On Center, Deduct* | *-1.02* | |
| 05 41 00 00-0005 | SF | 6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 7.30 | 0.86 |
| | | *For Walls >10' High, Add* | *1.46* | |
| | | *For Curved Wall, Add* | *0.61* | |
| | | *For Up To 200, Add* | *1.87* | |
| | | *For >200 To 500, Add* | *0.93* | |
| | | *For 12" On Center, Add* | *1.36* | |
| | | *For 24" On Center, Deduct* | *-1.36* | |
| 05 41 00 00-0006 | SF | 8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 8.21 | 0.94 |
| | | *For Walls >10' High, Add* | *1.64* | |
| | | *For Curved Wall, Add* | *0.64* | |
| | | *For Up To 200, Add* | *2.07* | |
| | | *For >200 To 500, Add* | *1.03* | |
| | | *For 12" On Center, Add* | *1.54* | |
| | | *For 24" On Center, Deduct* | *-1.54* | |

#### 05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

| | | | | |
|---|---|---|---|---|
| 05 41 00 00-0008 | SF | 2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 5.13 | 0.77 |
| | | *For Walls >10' High, Add* | *1.03* | |
| | | *For Curved Wall, Add* | *0.56* | |
| | | *For Up To 200, Add* | *1.40* | |
| | | *For >200 To 500, Add* | *0.70* | |
| | | *For 12" On Center, Add* | *0.93* | |
| | | *For 24" On Center, Deduct* | *-0.93* | |
| 05 41 00 00-0009 | SF | 3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 6.01 | 0.78 |
| | | *For Walls >10' High, Add* | *1.20* | |
| | | *For Curved Wall, Add* | *0.59* | |
| | | *For Up To 200, Add* | *1.60* | |
| | | *For >200 To 500, Add* | *0.80* | |
| | | *For 12" On Center, Add* | *1.10* | |
| | | *For 24" On Center, Deduct* | *-1.10* | |
| 05 41 00 00-0010 | SF | 4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 6.36 | 0.78 |
| | | *For Walls >10' High, Add* | *1.27* | |
| | | *For Curved Wall, Add* | *0.62* | |
| | | *For Up To 200, Add* | *1.68* | |
| | | *For >200 To 500, Add* | *0.84* | |
| | | *For 12" On Center, Add* | *1.17* | |
| | | *For 24" On Center, Deduct* | *-1.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 41 00 00-0011 | SF | 6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 8.22 | 0.94 |
| | | *For Walls >10' High, Add* | *1.64* | |
| | | *For Curved Wall, Add* | *0.65* | |
| | | *For Up To 200, Add* | *2.07* | |
| | | *For >200 To 500, Add* | *1.04* | |
| | | *For 12" On Center, Add* | *1.54* | |
| | | *For 24" On Center, Deduct* | *-1.54* | |
| 05 41 00 00-0012 | SF | 8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 9.11 | 1.03 |
| | | *For Walls >10' High, Add* | *1.82* | |
| | | *For Curved Wall, Add* | *0.68* | |
| | | *For Up To 200, Add* | *2.27* | |
| | | *For >200 To 500, Add* | *1.14* | |
| | | *For 12" On Center, Add* | *1.71* | |
| | | *For 24" On Center, Deduct* | *-1.71* | |

### 05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

| | | | | |
|---|---|---|---|---|
| 05 41 00 00-0014 | SF | 3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 7.15 | 1.07 |
| | | *For Walls >10' High, Add* | *1.43* | |
| | | *For Curved Wall, Add* | *0.71* | |
| | | *For Up To 200, Add* | *1.90* | |
| | | *For >200 To 500, Add* | *0.95* | |
| | | *For 12" On Center, Add* | *1.31* | |
| | | *For 24" On Center, Deduct* | *-1.31* | |
| 05 41 00 00-0015 | SF | 4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 7.35 | 1.08 |
| | | *For Walls >10' High, Add* | *1.47* | |
| | | *For Curved Wall, Add* | *0.72* | |
| | | *For Up To 200, Add* | *1.95* | |
| | | *For >200 To 500, Add* | *0.98* | |
| | | *For 12" On Center, Add* | *1.35* | |
| | | *For 24" On Center, Deduct* | *-1.35* | |
| 05 41 00 00-0016 | SF | 6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 9.42 | 1.14 |
| | | *For Walls >10' High, Add* | *1.88* | |
| | | *For Curved Wall, Add* | *0.76* | |
| | | *For Up To 200, Add* | *2.39* | |
| | | *For >200 To 500, Add* | *1.20* | |
| | | *For 12" On Center, Add* | *1.76* | |
| | | *For 24" On Center, Deduct* | *-1.76* | |
| 05 41 00 00-0017 | SF | 8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners | 10.40 | 1.19 |
| | | *For Walls >10' High, Add* | *2.08* | |
| | | *For Curved Wall, Add* | *0.80* | |
| | | *For Up To 200, Add* | *2.61* | |
| | | *For >200 To 500, Add* | *1.31* | |
| | | *For 12" On Center, Add* | *1.95* | |
| | | *For 24" On Center, Deduct* | *-1.95* | |

## 05 42 Cold-Formed Metal Joist Framing *(05 40)*

### 05 42 13 Cold-Formed Metal Floor Joist Framing *(05 42)*

Note: Floor or roof joist framing

#### 05 42 13 00-0001 Steel Joists, 18 Gauge *(05 42 13)*

| | | | | |
|---|---|---|---|---|
| 05 42 13 00-0002 | LF | 5-1/2" - 18 Gauge Steel Joists | 11.71 | 2.03 |
| 05 42 13 00-0003 | LF | 6" - 18 Gauge Steel Joists | 12.59 | 2.56 |
| 05 42 13 00-0004 | LF | 7-1/4" - 18 Gauge Steel Joists | 13.65 | 2.80 |
| 05 42 13 00-0005 | LF | 8" - 18 Gauge Steel Joists | 14.00 | 2.98 |

#### 05 42 13 00-0006 Steel Joists, 16 Gauge *(05 42 13)*

| | | | | |
|---|---|---|---|---|
| 05 42 13 00-0007 | LF | 7-1/4" - 16 Gauge Steel Joists | 14.89 | 2.83 |
| 05 42 13 00-0008 | LF | 8" - 16 Gauge Steel Joists | 15.73 | 2.98 |

#### 05 42 13 00-0009 Steel Joists, 14 Gauge *(05 42 13)*

| | | | | |
|---|---|---|---|---|
| 05 42 13 00-0010 | LF | 9-1/4" - 14 Gauge Steel Joists | 17.97 | 2.98 |
| 05 42 13 00-0011 | LF | 11-1/2" - 14 Gauge Steel Joists | 19.59 | 3.14 |

### 05 42 23 Cold-Formed Metal Roof Joist Framing *(05 42)*

See CSI section 05 42 13 00-0000 for metal joist framing.

## 05 43 Slotted Channel Framing *(05 40)*

#### 05 43 00 00-0001 Unistrut Channel *(05 43)*

Note: Excludes fasteners and accessories.

#### 05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 05 43 00 00-0003 | LF | 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel | 10.94 | 2.17 |
| | | *For Galvanizing, Add* | *1.12* | |
| | | *For Powder Coating, Add* | *0.99* | |
| 05 43 00 00-0004 | LF | 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel | 11.26 | 2.17 |
| | | *For Galvanizing, Add* | *1.18* | |
| | | *For Powder Coating, Add* | *1.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 43 00 00-0005 | LF | 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel | 11.76 | 2.17 |
| | | *For Galvanizing, Add* | *1.26* | |
| | | *For Powder Coating, Add* | *1.11* | |
| 05 43 00 00-0006 | LF | 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel | 10.30 | 2.17 |
| | | *For Galvanizing, Add* | *1.01* | |
| | | *For Powder Coating, Add* | *0.89* | |
| 05 43 00 00-0007 | LF | 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel | 8.90 | 2.17 |
| | | *For Galvanizing, Add* | *0.78* | |
| | | *For Powder Coating, Add* | *0.68* | |
| 05 43 00 00-0008 | | Stainless Steel Unistrut Channel *(05 43 00 00-0001)* | | |
| 05 43 00 00-0009 | | 304 Stainless Steel Unistrut Channel *(05 43 00 00-0008)* | | |
| 05 43 00 00-0010 | LF | 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel | 23.94 | 2.17 |
| 05 43 00 00-0011 | LF | 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel | 28.73 | 2.17 |
| 05 43 00 00-0012 | LF | 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel | 27.54 | 2.17 |
| 05 43 00 00-0013 | LF | 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel | 34.93 | 2.17 |
| 05 43 00 00-0014 | | 316 Stainless Steel Unistrut Channel *(05 43 00 00-0008)* | | |
| 05 43 00 00-0015 | LF | 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel | 39.47 | 2.17 |
| 05 43 00 00-0016 | | Unistrut Closure Strips *(05 43)* | | |
| 05 43 00 00-0017 | LF | Steel Raceway Closure Strip For Unistrut Channel | 5.93 | 0.48 |
| 05 43 00 00-0018 | | Lock Nuts With Spring For Unistrut Channel *(05 43)* | | |
| | | Note: Includes hex bolt. | | |
| 05 43 00 00-0019 | | Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)* | | |
| | | Note: Includes hex bolt. | | |
| 05 43 00 00-0020 | EA | 1/4-20, Steel Lock Nut With Spring For Unistrut Channel | 6.73 | |
| 05 43 00 00-0021 | EA | 3/8-16, Steel Lock Nut With Spring For Unistrut Channel | 7.41 | |
| 05 43 00 00-0022 | EA | 1/2-13, Steel Lock Nut With Spring For Unistrut Channel | 7.92 | |
| 05 43 00 00-0023 | EA | 5/8-11, Steel Lock Nut With Spring For Unistrut Channel | 10.68 | |
| 05 43 00 00-0024 | | Stainless Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)* | | |
| | | Note: Includes hex bolt. | | |
| 05 43 00 00-0025 | EA | 1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel | 13.81 | |
| 05 43 00 00-0026 | EA | 3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel | 14.68 | |
| 05 43 00 00-0027 | EA | 1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel | 20.71 | |
| 05 43 00 00-0028 | EA | 5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel | 35.29 | |
| 05 43 00 00-0029 | | Lock Nuts Without Spring For Unistrut Channel *(05 43)* | | |
| | | Note: Includes hex bolt. | | |
| 05 43 00 00-0030 | | Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)* | | |
| | | Note: Includes hex bolt. | | |
| 05 43 00 00-0031 | EA | 1/4-20, Steel Lock Nut Without Spring For Unistrut Channel | 6.75 | |
| 05 43 00 00-0032 | EA | 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel | 7.51 | |
| 05 43 00 00-0033 | EA | 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel | 7.96 | |
| 05 43 00 00-0034 | EA | 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel | 11.48 | |
| 05 43 00 00-0035 | | Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)* | | |
| | | Note: Includes hex bolt. | | |
| 05 43 00 00-0036 | EA | 1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel | 9.95 | |
| 05 43 00 00-0037 | EA | 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel | 11.95 | |
| 05 43 00 00-0038 | EA | 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel | 13.01 | |
| 05 43 00 00-0039 | EA | 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel | 34.39 | |
| 05 43 00 00-0040 | | Beam Clamp For Unistrut Channel *(05 43)* | | |
| 05 43 00 00-0041 | EA | 1-5/8" Channel, P2675 Unistrut Beam Clamp | 20.09 | 7.21 |
| 05 43 00 00-0042 | EA | 1-5/8" Channel, P2676 Unistrut Beam Clamp | 25.36 | 7.21 |
| 05 43 00 00-0043 | EA | Add For Unistrut Swivel Nut, P2676 | 2.87 | |
| 05 43 00 00-0044 | | Beam Clamp Clevis Hangers For Unistrut Channel *(05 43)* | | |
| 05 43 00 00-0045 | EA | Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674) | 21.92 | 7.21 |
| 05 43 00 00-0046 | EA | Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677) | 26.11 | 7.21 |
| 05 43 00 00-0047 | EA | Add For Unistrut Swivel Nut | 2.87 | |
| 05 43 00 00-0048 | EA | 6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut | 156.75 | 9.62 |
| 05 43 00 00-0049 | | Pipe And Rigid Conduit Clamps *(05 43)* | | |
| 05 43 00 00-0050 | | Pipe And Rigid Conduit Clamps *(05 43 00 00-0049)* | | |
| | | Note: Includes stainless steel (316) hardware. | | |
| 05 43 00 00-0051 | PR | 1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 7.21 | 2.09 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 43 00 00-0052 | PR | 3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 7.40 | 2.09 |
| 05 43 00 00-0053 | PR | 1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 8.43 | 2.53 |
| 05 43 00 00-0054 | PR | 1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 8.91 | 2.75 |
| 05 43 00 00-0055 | PR | 1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 11.51 | 3.08 |
| 05 43 00 00-0056 | PR | 2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 11.51 | 3.08 |
| 05 43 00 00-0057 | PR | 2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 17.49 | 5.17 |
| 05 43 00 00-0058 | PR | 3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 17.86 | 5.17 |
| 05 43 00 00-0059 | PR | 3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 19.02 | 5.72 |
| 05 43 00 00-0060 | PR | 4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware | 21.09 | 6.16 |

05 43 00 00-0061 Pipe And Rigid Conduit Clamps *(05 43 00 00-0049)*
Note: Includes nylon hardware.

| | | | | |
|---|---|---|---|---|
| 05 43 00 00-0062 | PR | 1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 9.04 | 2.09 |
| 05 43 00 00-0063 | PR | 3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 9.34 | 2.09 |
| 05 43 00 00-0064 | PR | 1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 10.37 | 2.53 |
| 05 43 00 00-0065 | PR | 1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 10.92 | 2.75 |
| 05 43 00 00-0066 | PR | 1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 14.65 | 3.08 |
| 05 43 00 00-0067 | PR | 2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 14.65 | 3.08 |
| 05 43 00 00-0068 | PR | 2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 21.74 | 5.17 |
| 05 43 00 00-0069 | PR | 3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 22.33 | 5.17 |
| 05 43 00 00-0070 | PR | 3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 23.55 | 5.72 |
| 05 43 00 00-0071 | PR | 4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware | 26.25 | 6.16 |

## 05 45 Metal Support Assemblies *(05 40)*

### 05 45 13 Mechanical Metal Supports *(05 45)*
See CSI section 23 05 29 00-0000 for metal supports.

### 05 45 16 Electrical Metal Supports *(05 45)*
See CSI section 26 05 29 00-0000 for metal supports.

# 05 50 Metal Fabrications *(05)*

## 05 51 Metal Stairs *(05 50)*

### 05 51 13 Metal Pan Stairs *(05 51)*
Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing *(05 51 13)*
Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.

| | | | | |
|---|---|---|---|---|
| 05 51 13 00-0002 | RSR | 3'-6" Wide Open Concrete Filled Metal Pan Tread Stair | 833.52 | 42.63 |
| | | *For Solid Metal Matching Riser, Add* | *96.17* | |
| 05 51 13 00-0003 | RSR | 4'-0" Wide Open Concrete Filled Metal Pan Tread Stair | 947.23 | 49.99 |
| | | *For Solid Metal Matching Riser, Add* | *109.17* | |
| 05 51 13 00-0004 | RSR | 5'-0" Wide Open Concrete Filled Metal Pan Tread Stair | 1,055.28 | 58.57 |
| | | *For Solid Metal Matching Riser, Add* | *121.36* | |
| 05 51 13 00-0005 | SF | Concrete Filled Steel Pan Landing<br>Note: Conventional shape. | 80.85 | 4.69 |

### 05 51 19 Metal Grating Stairs *(05 51)*
Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*
Note: Includes steel stringers, safety nosing and 2 pipe handrail.

| | | | | |
|---|---|---|---|---|
| 05 51 19 00-0002 | RSR | 3'-6" Wide Open Steel Grating Tread Metal Stair | 405.76 | 37.48 |
| | | *For Closed Riser, Add* | *48.63* | |
| | | *For Galvanized Steel, Add* | *82.70* | |
| | | *For Galvanized Steel, Add* | *82.70* | |
| 05 51 19 00-0003 | RSR | 4'-0" Wide Open Steel Grating Tread Metal Stair | 432.76 | 43.11 |
| | | *For Closed Riser, Add* | *51.52* | |
| | | *For Galvanized Steel, Add* | *86.64* | |
| | | *For Galvanized Steel, Add* | *86.64* | |
| 05 51 19 00-0004 | RSR | 5'-0" Wide Open Steel Grating Tread Metal Stair | 479.27 | 50.60 |
| | | *For Closed Riser, Add* | *56.74* | |
| | | *For Galvanized Steel, Add* | *94.52* | |
| | | *For Galvanized Steel, Add* | *94.52* | |
| 05 51 19 00-0005 | SF | Steel Grating Landing With Framing And 2 Pipe Handrail<br>Note: Conventional shape. | 75.46 | 4.69 |
| | | *For Galvanized Steel, Add* | *14.18* | |

### 05 51 33 Metal Ladders *(05 51)*
Note: Includes factory prime.

#### 05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001 Vertical Ladders *(05 51 33 13)*
Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"

| | | | | |
|---|---|---|---|---|
| 05 51 33 13-0002 | VLF | 20" Wide Vertical Steel Ladder Primed | 85.16 | 11.25 |
| | | *For Galvanized Steel, Add* | *12.47* | |
| | | *For Aluminum, Add* | *24.94* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 51 33 13-0003 | VLF | 24" Wide Vertical Steel Ladder Primed | 97.80 | 11.25 |
| | | *For Galvanized Steel, Add* | *15.63* | |
| | | *For Aluminum, Add* | *31.26* | |
| 05 51 33 13-0004 | VLF | 20" Wide Vertical Steel Caged Ladder Primed | 204.63 | 18.75 |
| | | *For Galvanized Steel, Add* | *36.22* | |
| | | *For Aluminum, Add* | *72.45* | |
| 05 51 33 13-0005 | VLF | 24" Wide Vertical Steel Caged Ladder Primed | 229.90 | 18.75 |
| | | *For Galvanized Steel, Add* | *42.54* | |
| | | *For Aluminum, Add* | *85.09* | |

### 05 51 33 13-0006 Vertical Ladders Options *(05 51 33 13)*

| | | | | |
|---|---|---|---|---|
| 05 51 33 13-0007 | EA | 20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed<br>Note: Extends 42" above landing surface. Includes mounting bracket. | 320.33 | 35.14 |
| | | *For Galvanized Steel, Add* | *62.51* | |
| | | *For Aluminum, Add* | *125.03* | |
| 05 51 33 13-0008 | EA | 24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed<br>Note: Extends 42" above landing surface. Includes mounting bracket. | 350.75 | 37.48 |
| | | *For Galvanized Steel, Add* | *68.95* | |
| | | *For Aluminum, Add* | *137.90* | |
| 05 51 33 13-0009 | EA | Security Cage Entry Gate With Lockable Hasp | 483.07 | 11.71 |
| 05 51 33 13-0010 | EA | 6' Security Ladder Guard | 1,028.60 | 70.28 |
| 05 51 33 13-0011 | EA | 8' Security Ladder Guard | 1,230.38 | 82.00 |
| 05 51 33 13-0012 | EA | Safety Chain Attachment | 187.90 | |

### 05 51 33 13-0013 Welded Steel Ladder Cages *(05 51 33 13)*

Note: For existing fixed ladders up to 20" wide. Excludes the ladder.

### 05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages *(05 51 33 13-0013)*

| | | | | |
|---|---|---|---|---|
| 05 51 33 13-0015 | EA | 7-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 1,897.96 | 140.56 |
| 05 51 33 13-0016 | EA | 8-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 2,062.49 | 145.25 |
| 05 51 33 13-0017 | EA | 9-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 2,193.29 | 149.93 |
| 05 51 33 13-0018 | EA | 10-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 2,333.10 | 154.61 |
| 05 51 33 13-0019 | EA | 11-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 2,414.42 | 159.30 |
| 05 51 33 13-0020 | EA | 12-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 2,547.47 | 163.99 |
| 05 51 33 13-0021 | EA | 13-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 2,664.79 | 168.67 |
| 05 51 33 13-0022 | EA | 14-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 2,818.07 | 173.36 |
| 05 51 33 13-0023 | EA | 15-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 2,966.86 | 178.05 |
| 05 51 33 13-0024 | EA | 16-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 3,088.66 | 182.73 |
| 05 51 33 13-0025 | EA | 17-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 3,237.46 | 187.42 |
| 05 51 33 13-0026 | EA | 18-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 3,381.76 | 192.10 |
| 05 51 33 13-0027 | EA | 19-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 3,523.80 | 196.78 |
| 05 51 33 13-0028 | EA | 20-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 3,782.78 | 201.47 |
| 05 51 33 13-0029 | EA | 21-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 3,859.61 | 206.15 |
| 05 51 33 13-0030 | EA | 22-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 3,992.66 | 210.84 |
| 05 51 33 13-0031 | EA | 23-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 4,114.48 | 215.53 |
| 05 51 33 13-0032 | EA | 24-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 4,227.28 | 220.21 |
| 05 51 33 13-0033 | EA | 25-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 4,479.51 | 224.90 |
| 05 51 33 13-0034 | EA | 26-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 4,614.81 | 229.59 |
| 05 51 33 13-0035 | EA | 27-1/2' Length, Powder Coated, Welded Steel Ladder Cage | 4,741.13 | 234.26 |

### 05 51 33 13-0036 Stainless Steel, Welded Steel Ladder Cages *(05 51 33 13-0013)*

| | | | | |
|---|---|---|---|---|
| 05 51 33 13-0037 | EA | 7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 4,556.98 | 140.56 |
| 05 51 33 13-0038 | EA | 8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 4,869.01 | 145.25 |
| 05 51 33 13-0039 | EA | 9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 5,389.25 | 149.93 |
| 05 51 33 13-0040 | EA | 10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 5,645.48 | 154.61 |
| 05 51 33 13-0041 | EA | 11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 5,860.90 | 159.30 |
| 05 51 33 13-0042 | EA | 12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 6,147.17 | 163.99 |
| 05 51 33 13-0043 | EA | 13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 6,663.13 | 168.67 |
| 05 51 33 13-0044 | EA | 14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 6,923.64 | 173.36 |
| 05 51 33 13-0045 | EA | 15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 7,192.73 | 178.05 |
| 05 51 33 13-0046 | EA | 16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 7,487.59 | 182.73 |
| 05 51 33 13-0047 | EA | 17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 8,014.28 | 187.42 |
| 05 51 33 13-0048 | EA | 18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 8,276.94 | 192.10 |
| 05 51 33 13-0049 | EA | 19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 8,526.72 | 196.78 |
| 05 51 33 13-0050 | EA | 20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 8,941.78 | 201.47 |
| 05 51 33 13-0051 | EA | 21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 9,408.35 | 206.15 |
| 05 51 33 13-0052 | EA | 22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 9,666.72 | 210.84 |
| 05 51 33 13-0053 | EA | 23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 9,931.54 | 215.53 |
| 05 51 33 13-0054 | EA | 24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 10,179.16 | 220.21 |
| 05 51 33 13-0055 | EA | 25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 10,817.46 | 224.90 |
| 05 51 33 13-0056 | EA | 26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 11,065.09 | 229.59 |
| 05 51 33 13-0057 | EA | 27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage | 11,319.17 | 234.26 |

## 05 51 33 16 Inclined Metal Ladders *(05 51 33)*

### 05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs *(05 51 33 16)*

Note: Includes factory prime.

| | | | | |
|---|---|---|---|---|
| 05 51 33 16-0002 | RSR | 3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side | 291.70 | 46.85 |
| | | *For Aluminum, Add* | *99.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 05 51 33 23 Alternating Tread Ladders *(05 51 33)*

#### 05 51 33 23-0001 Vertical Ladders With Alternating Tread *(05 51 33 23)*

| | | | | |
|---|---|---|---|---|
| 05 51 33 23-0002 | EA | 4' Vertical Height Aluminum Alternating Tread Ladder | 2,053.26 | 140.56 |
| | | *For Stainless Steel, Add* | *196.80* | |
| | | *For Primed Steel, Deduct* | *-191.42* | |
| 05 51 33 23-0003 | EA | 5' Vertical Height Aluminum Alternating Tread Ladder | 2,353.49 | 148.99 |
| | | *For Stainless Steel, Add* | *240.90* | |
| | | *For Primed Steel, Deduct* | *-223.30* | |
| 05 51 33 23-0004 | EA | 6' Vertical Height Aluminum Alternating Tread Ladder | 2,615.82 | 148.99 |
| | | *For Stainless Steel, Add* | *288.67* | |
| | | *For Primed Steel, Deduct* | *-241.55* | |
| 05 51 33 23-0005 | EA | 7' Vertical Height Aluminum Alternating Tread Ladder | 2,983.39 | 187.23 |
| | | *For Stainless Steel, Add* | *347.24* | |
| | | *For Primed Steel, Deduct* | *-256.61* | |
| 05 51 33 23-0006 | EA | 8' Vertical Height Aluminum Alternating Tread Ladder | 3,278.24 | 193.86 |
| | | *For Stainless Steel, Add* | *388.99* | |
| | | *For Primed Steel, Deduct* | *-298.53* | |
| 05 51 33 23-0007 | EA | 9' Vertical Height Aluminum Alternating Tread Ladder | 3,510.03 | 193.86 |
| | | *For Stainless Steel, Add* | *453.51* | |
| | | *For Primed Steel, Deduct* | *-293.53* | |
| 05 51 33 23-0008 | EA | 10' Vertical Height Aluminum Alternating Tread Ladder | 3,853.97 | 216.25 |
| | | *For Stainless Steel, Add* | *497.40* | |
| | | *For Primed Steel, Deduct* | *-327.55* | |
| 05 51 33 23-0009 | EA | 11' Vertical Height Aluminum Alternating Tread Ladder | 4,113.68 | 216.25 |
| | | *For Stainless Steel, Add* | *546.61* | |
| | | *For Primed Steel, Deduct* | *-347.07* | |
| 05 51 33 23-0010 | EA | 12' Vertical Height Aluminum Alternating Tread Ladder | 4,315.74 | 216.25 |
| | | *For Stainless Steel, Add* | *623.99* | |
| | | *For Primed Steel, Deduct* | *-346.65* | |

## 05 52 Metal Railings *(05 50)*

### 05 52 13 Pipe and Tube Railings *(05 52)*

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

#### 05 52 13 00-0001 Welded Steel Pipe Railing *(05 52 13)*

Note: Includes field welds and touch-up of welds.

#### 05 52 13 00-0002 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and two rails.

| | | | | |
|---|---|---|---|---|
| 05 52 13 00-0003 | LF | 1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing | 45.96 | 9.37 |
| | | *For Schedule 80 Handrail, Add* | *3.98* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.24* | |
| | | *For Aluminum, Satin Finish, Add* | *11.43* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *17.69* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *20.41* | |
| | | *For Galvanizing, Add* | *10.88* | |
| | | *For Wrought Iron, Add* | *4.60* | |
| | | *For Solid Steel Rails, Add* | *9.19* | |
| | | *For 304 Stainless Steel, Add* | *87.07* | |
| | | *For 316 Stainless Steel, Add* | *97.96* | |
| | | *For 2" Wheel Guard, Add* | *2.58* | |
| | | *For 4" High Kick Plate, Add* | *3.40* | |
| | | *For 6" High Kick Plate, Add* | *5.44* | |
| | | *For Curved Rail, Add* | *21.95* | |
| | | *For Mounting On Stairs, Add* | *13.79* | |
| | | *For Mounting On Slopes, Add* | *4.60* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.38* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.31* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *18.29* | |
| | | *For Nylon Coating, Add* | *4.08* | |
| 05 52 13 00-0004 | LF | 1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing | 50.65 | 9.37 |
| | | *For Schedule 80 Handrail, Add* | *6.20* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.24* | |
| | | *For Aluminum, Satin Finish, Add* | *13.40* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *20.74* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *23.93* | |
| | | *For Galvanizing, Add* | *12.76* | |
| | | *For Wrought Iron, Add* | *5.07* | |
| | | *For Solid Steel Rails, Add* | *10.13* | |
| | | *For 304 Stainless Steel, Add* | *102.08* | |
| | | *For 316 Stainless Steel, Add* | *114.84* | |
| | | *For 2" Wheel Guard, Add* | *3.03* | |
| | | *For 4" High Kick Plate, Add* | *3.99* | |
| | | *For 6" High Kick Plate, Add* | *6.38* | |
| | | *For Curved Rail, Add* | *24.77* | |
| | | *For Mounting On Stairs, Add* | *15.20* | |
| | | *For Mounting On Slopes, Add* | *5.07* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.38* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.31* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *20.64* | |
| | | *For Nylon Coating, Add* | *4.79* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 52 13 00-0005 | LF | 1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing | 55.33 | 9.37 |
| | | *For Schedule 80 Handrail, Add* | *6.20* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.24* | |
| | | *For Aluminum, Satin Finish, Add* | *15.36* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *23.78* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *27.44* | |
| | | *For Galvanizing, Add* | *14.63* | |
| | | *For Wrought Iron, Add* | *5.53* | |
| | | *For Solid Steel Rails, Add* | *11.07* | |
| | | *For 304 Stainless Steel, Add* | *117.06* | |
| | | *For 316 Stainless Steel, Add* | *131.69* | |
| | | *For 2" Wheel Guard, Add* | *3.48* | |
| | | *For 4" High Kick Plate, Add* | *4.57* | |
| | | *For 6" High Kick Plate, Add* | *7.32* | |
| | | *For Curved Rail, Add* | *27.57* | |
| | | *For Mounting On Stairs, Add* | *16.60* | |
| | | *For Mounting On Slopes, Add* | *5.53* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.38* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.31* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *22.98* | |
| | | *For Nylon Coating, Add* | *5.49* | |
| 05 52 13 00-0006 | LF | 2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing | 63.46 | 9.37 |
| | | *For Schedule 80 Handrail, Add* | *7.09* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.24* | |
| | | *For Aluminum, Satin Finish, Add* | *18.78* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *29.06* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *33.53* | |
| | | *For Galvanizing, Add* | *17.88* | |
| | | *For Wrought Iron, Add* | *6.35* | |
| | | *For Solid Steel Rails, Add* | *12.69* | |
| | | *For 304 Stainless Steel, Add* | *143.07* | |
| | | *For 316 Stainless Steel, Add* | *160.96* | |
| | | *For 2" Wheel Guard, Add* | *4.25* | |
| | | *For 4" High Kick Plate, Add* | *5.59* | |
| | | *For 6" High Kick Plate, Add* | *8.94* | |
| | | *For Curved Rail, Add* | *32.45* | |
| | | *For Mounting On Stairs, Add* | *19.04* | |
| | | *For Mounting On Slopes, Add* | *6.35* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.38* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.31* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *27.04* | |
| | | *For Nylon Coating, Add* | *6.71* | |
| 05 52 13 00-0007 | LF | 2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing | 73.20 | 9.37 |
| | | *For Schedule 80 Handrail, Add* | *8.00* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.24* | |
| | | *For Aluminum, Satin Finish, Add* | *22.87* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *35.39* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *40.84* | |
| | | *For Galvanizing, Add* | *21.78* | |
| | | *For Wrought Iron, Add* | *7.32* | |
| | | *For Solid Steel Rails, Add* | *14.64* | |
| | | *For 304 Stainless Steel, Add* | *174.24* | |
| | | *For 316 Stainless Steel, Add* | *196.02* | |
| | | *For 2" Wheel Guard, Add* | *5.17* | |
| | | *For 4" High Kick Plate, Add* | *6.81* | |
| | | *For 6" High Kick Plate, Add* | *10.89* | |
| | | *For Curved Rail, Add* | *38.30* | |
| | | *For Mounting On Stairs, Add* | *21.96* | |
| | | *For Mounting On Slopes, Add* | *7.32* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.38* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.31* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *31.91* | |
| | | *For Nylon Coating, Add* | *8.17* | |

### 05 52 13 00-0008 Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and three rails.

| | | | | |
|---|---|---|---|---|
| 05 52 13 00-0009 | LF | 1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing | 72.48 | 11.25 |
| | | *For Schedule 80 Handrail, Add* | *5.79* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.99* | |
| | | *For Aluminum, Satin Finish, Add* | *21.00* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *32.49* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *37.49* | |
| | | *For Galvanizing, Add* | *20.00* | |
| | | *For Wrought Iron, Add* | *7.25* | |
| | | *For Solid Steel Rails, Add* | *14.50* | |
| | | *For 304 Stainless Steel, Add* | *159.97* | |
| | | *For 316 Stainless Steel, Add* | *179.96* | |
| | | *For 2" Wheel Guard, Add* | *4.75* | |
| | | *For 4" High Kick Plate, Add* | *6.25* | |
| | | *For 6" High Kick Plate, Add* | *10.00* | |
| | | *For Curved Rail, Add* | *36.74* | |
| | | *For Mounting On Stairs, Add* | *21.74* | |
| | | *For Mounting On Slopes, Add* | *7.25* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.75* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.87* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *30.62* | |
| | | *For Nylon Coating, Add* | *7.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 52 13 00-0010 | LF | 1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing | 81.09 | 11.25 |
| | | *For Schedule 80 Handrail, Add* | *8.75* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.99* | |
| | | *For Aluminum, Satin Finish, Add* | *24.61* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *38.09* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *43.95* | |
| | | *For Galvanizing, Add* | *23.44* | |
| | | *For Wrought Iron, Add* | *8.11* | |
| | | *For Solid Steel Rails, Add* | *16.22* | |
| | | *For 304 Stainless Steel, Add* | *187.52* | |
| | | *For 316 Stainless Steel, Add* | *210.96* | |
| | | *For 2" Wheel Guard, Add* | *5.57* | |
| | | *For 4" High Kick Plate, Add* | *7.33* | |
| | | *For 6" High Kick Plate, Add* | *11.72* | |
| | | *For Curved Rail, Add* | *41.91* | |
| | | *For Mounting On Stairs, Add* | *24.33* | |
| | | *For Mounting On Slopes, Add* | *8.11* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.75* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.87* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *34.92* | |
| | | *For Nylon Coating, Add* | *8.79* | |
| 05 52 13 00-0011 | LF | 1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing | 89.70 | 11.25 |
| | | *For Schedule 80 Handrail, Add* | *8.75* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.99* | |
| | | *For Aluminum, Satin Finish, Add* | *28.23* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *43.69* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *50.41* | |
| | | *For Galvanizing, Add* | *26.88* | |
| | | *For Wrought Iron, Add* | *8.97* | |
| | | *For Solid Steel Rails, Add* | *17.94* | |
| | | *For 304 Stainless Steel, Add* | *215.07* | |
| | | *For 316 Stainless Steel, Add* | *241.96* | |
| | | *For 2" Wheel Guard, Add* | *6.38* | |
| | | *For 4" High Kick Plate, Add* | *8.40* | |
| | | *For 6" High Kick Plate, Add* | *13.44* | |
| | | *For Curved Rail, Add* | *47.07* | |
| | | *For Mounting On Stairs, Add* | *26.91* | |
| | | *For Mounting On Slopes, Add* | *8.97* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.75* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.87* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *39.23* | |
| | | *For Nylon Coating, Add* | *10.08* | |
| 05 52 13 00-0012 | LF | 2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing | 104.66 | 11.25 |
| | | *For Schedule 80 Handrail, Add* | *9.94* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.99* | |
| | | *For Aluminum, Satin Finish, Add* | *34.51* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *53.41* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *61.63* | |
| | | *For Galvanizing, Add* | *32.87* | |
| | | *For Wrought Iron, Add* | *10.47* | |
| | | *For Solid Steel Rails, Add* | *20.93* | |
| | | *For 304 Stainless Steel, Add* | *262.94* | |
| | | *For 316 Stainless Steel, Add* | *295.81* | |
| | | *For 2" Wheel Guard, Add* | *7.81* | |
| | | *For 4" High Kick Plate, Add* | *10.27* | |
| | | *For 6" High Kick Plate, Add* | *16.43* | |
| | | *For Curved Rail, Add* | *56.05* | |
| | | *For Mounting On Stairs, Add* | *31.40* | |
| | | *For Mounting On Slopes, Add* | *10.47* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.75* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.87* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *46.71* | |
| | | *For Nylon Coating, Add* | *12.33* | |
| 05 52 13 00-0013 | LF | 2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing | 122.48 | 11.25 |
| | | *For Schedule 80 Handrail, Add* | *11.15* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *12.99* | |
| | | *For Aluminum, Satin Finish, Add* | *42.00* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *64.99* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *74.99* | |
| | | *For Galvanizing, Add* | *40.00* | |
| | | *For Wrought Iron, Add* | *12.25* | |
| | | *For Solid Steel Rails, Add* | *24.50* | |
| | | *For 304 Stainless Steel, Add* | *319.97* | |
| | | *For 316 Stainless Steel, Add* | *359.96* | |
| | | *For 2" Wheel Guard, Add* | *9.50* | |
| | | *For 4" High Kick Plate, Add* | *12.50* | |
| | | *For 6" High Kick Plate, Add* | *20.00* | |
| | | *For Curved Rail, Add* | *66.74* | |
| | | *For Mounting On Stairs, Add* | *36.74* | |
| | | *For Mounting On Slopes, Add* | *12.25* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *19.75* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *29.87* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *55.62* | |
| | | *For Nylon Coating, Add* | *15.00* | |

05 52 13 00-0014 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and four rails.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 52 13 00-0015 | LF | 1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing | 87.59 | 13.12 |
| | | *For Schedule 80 Handrail, Add* | *7.83* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *13.74* | |
| | | *For Aluminum, Satin Finish, Add* | *25.77* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *39.88* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *46.02* | |
| | | *For Galvanizing, Add* | *24.54* | |
| | | *For Wrought Iron, Add* | *8.76* | |
| | | *For Solid Steel Rails, Add* | *17.52* | |
| | | *For 304 Stainless Steel, Add* | *196.35* | |
| | | *For 316 Stainless Steel, Add* | *220.90* | |
| | | *For 2" Wheel Guard, Add* | *5.83* | |
| | | *For 4" High Kick Plate, Add* | *7.67* | |
| | | *For 6" High Kick Plate, Add* | *12.27* | |
| | | *For Curved Rail, Add* | *44.69* | |
| | | *For Mounting On Stairs, Add* | *26.28* | |
| | | *For Mounting On Slopes, Add* | *8.76* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *20.12* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *30.43* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *37.24* | |
| | | *For Nylon Coating, Add* | *9.20* | |
| 05 52 13 00-0016 | LF | 1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing | 95.23 | 13.12 |
| | | *For Schedule 80 Handrail, Add* | *11.53* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *13.74* | |
| | | *For Aluminum, Satin Finish, Add* | *28.98* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *44.85* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *51.75* | |
| | | *For Galvanizing, Add* | *27.60* | |
| | | *For Wrought Iron, Add* | *9.52* | |
| | | *For Solid Steel Rails, Add* | *19.05* | |
| | | *For 304 Stainless Steel, Add* | *220.80* | |
| | | *For 316 Stainless Steel, Add* | *248.40* | |
| | | *For 2" Wheel Guard, Add* | *6.56* | |
| | | *For 4" High Kick Plate, Add* | *8.63* | |
| | | *For 6" High Kick Plate, Add* | *13.80* | |
| | | *For Curved Rail, Add* | *49.27* | |
| | | *For Mounting On Stairs, Add* | *28.57* | |
| | | *For Mounting On Slopes, Add* | *9.52* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *20.12* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *30.43* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *41.06* | |
| | | *For Nylon Coating, Add* | *10.35* | |
| 05 52 13 00-0017 | LF | 1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing | 102.88 | 13.12 |
| | | *For Schedule 80 Handrail, Add* | *11.53* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *13.74* | |
| | | *For Aluminum, Satin Finish, Add* | *32.19* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *49.82* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *57.49* | |
| | | *For Galvanizing, Add* | *30.66* | |
| | | *For Wrought Iron, Add* | *10.29* | |
| | | *For Solid Steel Rails, Add* | *20.58* | |
| | | *For 304 Stainless Steel, Add* | *245.28* | |
| | | *For 316 Stainless Steel, Add* | *275.94* | |
| | | *For 2" Wheel Guard, Add* | *7.28* | |
| | | *For 4" High Kick Plate, Add* | *9.58* | |
| | | *For 6" High Kick Plate, Add* | *15.33* | |
| | | *For Curved Rail, Add* | *53.86* | |
| | | *For Mounting On Stairs, Add* | *30.86* | |
| | | *For Mounting On Slopes, Add* | *10.29* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *20.12* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *30.43* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *44.88* | |
| | | *For Nylon Coating, Add* | *11.50* | |
| 05 52 13 00-0018 | LF | 2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing | 119.90 | 13.12 |
| | | *For Schedule 80 Handrail, Add* | *13.02* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *13.74* | |
| | | *For Aluminum, Satin Finish, Add* | *39.34* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *60.89* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *70.25* | |
| | | *For Galvanizing, Add* | *37.47* | |
| | | *For Wrought Iron, Add* | *11.99* | |
| | | *For Solid Steel Rails, Add* | *23.98* | |
| | | *For 304 Stainless Steel, Add* | *299.74* | |
| | | *For 316 Stainless Steel, Add* | *337.21* | |
| | | *For 2" Wheel Guard, Add* | *8.90* | |
| | | *For 4" High Kick Plate, Add* | *11.71* | |
| | | *For 6" High Kick Plate, Add* | *18.73* | |
| | | *For Curved Rail, Add* | *64.07* | |
| | | *For Mounting On Stairs, Add* | *35.97* | |
| | | *For Mounting On Slopes, Add* | *11.99* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *20.12* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *30.43* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *53.39* | |
| | | *For Nylon Coating, Add* | *14.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 52 13 00-0019 | LF | 2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing | 139.85 | 13.12 |
| | | *For Schedule 80 Handrail, Add* | *14.53* | |
| | | *For Additional Off Set Handrail, ADA Attachment, Add* | *13.74* | |
| | | *For Aluminum, Satin Finish, Add* | *47.72* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *73.85* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *85.22* | |
| | | *For Galvanizing, Add* | *45.45* | |
| | | *For Wrought Iron, Add* | *13.99* | |
| | | *For Solid Steel Rails, Add* | *27.97* | |
| | | *For 304 Stainless Steel, Add* | *363.58* | |
| | | *For 316 Stainless Steel, Add* | *409.03* | |
| | | *For 2" Wheel Guard, Add* | *10.79* | |
| | | *For 4" High Kick Plate, Add* | *14.20* | |
| | | *For 6" High Kick Plate, Add* | *22.72* | |
| | | *For Curved Rail, Add* | *76.04* | |
| | | *For Mounting On Stairs, Add* | *41.96* | |
| | | *For Mounting On Slopes, Add* | *13.99* | |
| | | *For Post Base Flange With Screws, Add Per Post* | *20.12* | |
| | | *For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post* | *30.43* | |
| | | *For Custom Design Or Shapes (Square Tops, etc), Add* | *63.37* | |
| | | *For Nylon Coating, Add* | *17.04* | |

### 05 52 13 00-0020 Railing Infill Panels *(05 52 13)*

Note: Includes field welds and touch-up of welds.

### 05 52 13 00-0021 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0020)*

Note: Square weave or square welded wire mesh.

| | | | |
|---|---|---|---|
| 05 52 13 00-0022 | SF | Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel | 13.04 |
| 05 52 13 00-0023 | SF | Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel | 13.85 |
| 05 52 13 00-0024 | SF | Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel | 14.56 |
| 05 52 13 00-0025 | SF | Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel | 24.61 |

### 05 52 13 00-0026 Perforated Metal, Railing Infill Panels *(05 52 13 00-0020)*

| | | | |
|---|---|---|---|
| 05 52 13 00-0027 | SF | Powder Coated Steel, Perforated Metal, Railing Infill Panel | 12.79 |
| 05 52 13 00-0028 | SF | Galvanized Steel, Perforated Metal, Railing Infill Panel | 13.22 |
| 05 52 13 00-0029 | SF | Aluminum, Perforated Metal, Railing Infill Panel | 14.15 |
| 05 52 13 00-0030 | SF | Stainless Steel, Perforated Metal, Railing Infill Panel | 28.40 |

### 05 52 13 00-0031 Expanded Metal, Railing Infill Panels *(05 52 13 00-0020)*

| | | | |
|---|---|---|---|
| 05 52 13 00-0032 | SF | Powder Coated Steel, Expanded Metal, Railing Infill Panel | 5.77 |
| 05 52 13 00-0033 | SF | Galvanized Steel, Expanded Metal, Railing Infill Panel | 11.79 |
| 05 52 13 00-0034 | SF | Aluminum, Expanded Metal, Railing Infill Panel | 15.48 |
| 05 52 13 00-0035 | SF | Stainless Steel, Expanded Metal, Railing Infill Panel | 23.08 |

### 05 52 13 00-0036 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

| | | | | |
|---|---|---|---|---|
| 05 52 13 00-0037 | LF | 1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 34.89 | 5.62 |
| | | *For Schedule 80 Handrail, Add* | *2.19* | |
| | | *For Stainless Steel, Add* | *41.66* | |
| | | *For Aluminum, Satin Finish, Add* | *8.75* | |
| | | *For Curved Rail, Add* | *10.47* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *13.54* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *15.62* | |
| | | *For Galvanized Finish, Add* | *6.25* | |
| 05 52 13 00-0038 | LF | 1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 35.56 | 5.62 |
| | | *For Schedule 80 Handrail, Add* | *2.55* | |
| | | *For Stainless Steel, Add* | *43.00* | |
| | | *For Aluminum, Satin Finish, Add* | *9.03* | |
| | | *For Curved Rail, Add* | *10.67* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *13.98* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *16.13* | |
| | | *For Galvanized Finish, Add* | *6.45* | |
| 05 52 13 00-0039 | LF | 1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 36.23 | 5.62 |
| | | *For Schedule 80 Handrail, Add* | *7.49* | |
| | | *For Stainless Steel, Add* | *44.34* | |
| | | *For Aluminum, Satin Finish, Add* | *9.31* | |
| | | *For Curved Rail, Add* | *10.87* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *14.41* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *16.63* | |
| | | *For Galvanized Finish, Add* | *6.65* | |
| 05 52 13 00-0040 | LF | 2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 43.96 | 5.62 |
| | | *For Schedule 80 Handrail, Add* | *3.23* | |
| | | *For Stainless Steel, Add* | *59.80* | |
| | | *For Aluminum, Satin Finish, Add* | *12.56* | |
| | | *For Curved Rail, Add* | *13.19* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *19.44* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *22.43* | |
| | | *For Galvanized Finish, Add* | *8.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 52 13 00-0041 | LF | 2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 50.34 | 5.62 |
| | | *For Schedule 80 Handrail, Add* | *3.53* | |
| | | *For Stainless Steel, Add* | *72.56* | |
| | | *For Aluminum, Satin Finish, Add* | *15.24* | |
| | | *For Curved Rail, Add* | *15.10* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *23.58* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *27.21* | |
| | | *For Galvanized Finish, Add* | *10.88* | |

### 05 52 13 00-0042 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

| | | | | |
|---|---|---|---|---|
| 05 52 13 00-0043 | LF | 1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 42.78 | 5.91 |
| | | *For Schedule 80 Handrail, Add* | *2.19* | |
| | | *For Stainless Steel, Add* | *57.44* | |
| | | *For Aluminum, Satin Finish, Add* | *12.06* | |
| | | *For Curved Rail, Add* | *12.83* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *18.67* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *21.54* | |
| | | *For Galvanized Finish, Add* | *8.62* | |
| 05 52 13 00-0044 | LF | 1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 43.72 | 5.91 |
| | | *For Schedule 80 Handrail, Add* | *2.55* | |
| | | *For Stainless Steel, Add* | *59.32* | |
| | | *For Aluminum, Satin Finish, Add* | *12.46* | |
| | | *For Curved Rail, Add* | *13.12* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *19.28* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *22.25* | |
| | | *For Galvanized Finish, Add* | *8.90* | |
| 05 52 13 00-0045 | LF | 1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 44.43 | 5.91 |
| | | *For Schedule 80 Handrail, Add* | *7.49* | |
| | | *For Stainless Steel, Add* | *60.74* | |
| | | *For Aluminum, Satin Finish, Add* | *12.76* | |
| | | *For Curved Rail, Add* | *13.33* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *19.74* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *22.78* | |
| | | *For Galvanized Finish, Add* | *9.11* | |
| 05 52 13 00-0046 | LF | 2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 55.21 | 5.91 |
| | | *For Schedule 80 Handrail, Add* | *3.23* | |
| | | *For Stainless Steel, Add* | *82.30* | |
| | | *For Aluminum, Satin Finish, Add* | *17.28* | |
| | | *For Curved Rail, Add* | *16.56* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *26.75* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *30.86* | |
| | | *For Galvanized Finish, Add* | *12.35* | |
| 05 52 13 00-0047 | LF | 2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing | 62.26 | 5.91 |
| | | *For Schedule 80 Handrail, Add* | *3.53* | |
| | | *For Stainless Steel, Add* | *96.40* | |
| | | *For Aluminum, Satin Finish, Add* | *20.24* | |
| | | *For Curved Rail, Add* | *18.68* | |
| | | *For Aluminum, Clear Anodized Finish, Add* | *31.33* | |
| | | *For Aluminum, Dark Anodized Finish, Add* | *36.15* | |
| | | *For Galvanized Finish, Add* | *14.46* | |

### 05 52 13 00-0048 Remove/Reinstall Pipe Railing *(05 52 13)*

| | | | |
|---|---|---|---|
| 05 52 13 00-0049 | LF | Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing | 21.08 |
| 05 52 13 00-0050 | LF | Removal And Reinstallation Of Floor Mounted Pipe Railing | 28.02 |
| 05 52 13 00-0051 | EA | Install New Galvanized Steel Pipe Railing Bracket | 56.80 |
| | | *For Stainless Steel, Add* | *57.38* |

## 05 53 Metal Gratings *(05 50)*

### 05 53 13 Bar Gratings *(05 53)*

### 05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

### 05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

| | | | | |
|---|---|---|---|---|
| 05 53 13 00-0003 | SF | 3/4" x 1/8" Steel, Welded Grating | 8.11 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *1.03* | |
| | | *For 304 Stainless Steel, Add* | *19.39* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *1.76* | |
| | | *For Crossbars At 2" On-Center, Add* | *0.65* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 53 13 00-0004 | SF | 3/4" x 3/16" Steel, Welded Grating | 10.61 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *1.45* | |
| | | *For 304 Stainless Steel, Add* | *27.41* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *2.49* | |
| | | *For Crossbars At 2" On-Center, Add* | *0.92* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.60* | |
| 05 53 13 00-0005 | SF | 1" x 1/8" Steel, Welded Grating | 9.71 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *1.30* | |
| | | *For 304 Stainless Steel, Add* | *24.52* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *2.23* | |
| | | *For Crossbars At 2" On-Center, Add* | *0.83* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.58* | |
| 05 53 13 00-0006 | SF | 1" x 3/16" Steel, Welded Grating | 13.10 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *1.88* | |
| | | *For 304 Stainless Steel, Add* | *35.41* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *3.22* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.19* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.66* | |
| 05 53 13 00-0007 | SF | 1" x 1/4" Steel, Welded Grating | 16.50 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.45* | |
| | | *For 304 Stainless Steel, Add* | *46.32* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *4.21* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.56* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.75* | |
| 05 53 13 00-0008 | SF | 1-1/4" x 1/8" Steel, Welded Grating | 11.34 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *1.58* | |
| | | *For 304 Stainless Steel, Add* | *29.76* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *2.71* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.00* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.62* | |
| 05 53 13 00-0009 | SF | 1-1/4" x 3/16" Steel, Welded Grating | 15.46 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.28* | |
| | | *For 304 Stainless Steel, Add* | *42.98* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *3.91* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.45* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.72* | |
| 05 53 13 00-0010 | SF | 1-1/2" x 1/8" Steel, Welded Grating | 12.96 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *1.85* | |
| | | *For 304 Stainless Steel, Add* | *34.96* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *3.18* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.18* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.66* | |
| 05 53 13 00-0011 | SF | 1-1/2" x 3/16" Steel, Welded Grating | 18.40 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.70* | |
| | | *For 304 Stainless Steel, Add* | *50.94* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *4.63* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.71* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.09* | |
| 05 53 13 00-0012 | SF | 1-1/2" x 1/4" Steel, Welded Grating | 23.56 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.58* | |
| | | *For 304 Stainless Steel, Add* | *67.51* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *6.14* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.27* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.22* | |
| 05 53 13 00-0013 | SF | 1-3/4" x 3/16" Steel, Welded Grating | 20.92 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.13* | |
| | | *For 304 Stainless Steel, Add* | *59.03* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *5.37* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.99* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 53 13 00-0014 | SF | 2" x 3/16" Steel, Welded Grating | 23.28 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.53* | |
| | | *For 304 Stainless Steel, Add* | *66.61* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *6.06* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.24* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.21* | |
| 05 53 13 00-0015 | SF | 2-1/4" x 3/16" Steel, Welded Grating | 25.78 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.95* | |
| | | *For 304 Stainless Steel, Add* | *74.63* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *6.79* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.51* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.28* | |
| 05 53 13 00-0016 | SF | 2-1/2" x 3/16" Steel, Welded Grating | 28.13 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *4.35* | |
| | | *For 304 Stainless Steel, Add* | *82.18* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *7.48* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.76* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.34* | |

## 05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

## 05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

| | | | | |
|---|---|---|---|---|
| 05 53 13 00-0019 | SF | 3/4" x 1/8" Steel, Pressure Locked Grating | 14.66 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.06* | |
| | | *For 304 Stainless Steel, Add* | *23.56* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *3.68* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.36* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.70* | |
| 05 53 13 00-0020 | SF | 3/4" x 3/16" Steel, Pressure Locked Grating | 17.87 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.59* | |
| | | *For 304 Stainless Steel, Add* | *29.56* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *4.61* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.71* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.78* | |
| 05 53 13 00-0021 | SF | 1" x 1/8" Steel, Pressure Locked Grating | 16.03 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.29* | |
| | | *For 304 Stainless Steel, Add* | *26.12* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *4.08* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.51* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.74* | |
| 05 53 13 00-0022 | SF | 1" x 3/16" Steel, Pressure Locked Grating | 21.55 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.19* | |
| | | *For 304 Stainless Steel, Add* | *36.45* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 7/16" On-Center, Add* | *28.25* | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *5.69* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.10* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.87* | |
| 05 53 13 00-0023 | SF | 1-1/4" x 1/8" Steel, Pressure Locked Grating | 17.87 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.59* | |
| | | *For 304 Stainless Steel, Add* | *29.56* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *4.61* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.71* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.78* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 53 13 00-0024 | SF | 1-1/4" x 3/16" Steel, Pressure Locked Grating | 24.10 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.61* | |
| | | *For 304 Stainless Steel, Add* | *41.22* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *6.43* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.38* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.94* | |
| 05 53 13 00-0025 | SF | 1-1/2" x 1/8" Steel, Pressure Locked Grating | 19.80 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.91* | |
| | | *For 304 Stainless Steel, Add* | *33.17* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *5.18* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.91* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.83* | |
| 05 53 13 00-0026 | SF | 1-1/2" x 3/16" Steel, Pressure Locked Grating | 27.24 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *4.05* | |
| | | *For 304 Stainless Steel, Add* | *46.23* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 7/16" On-Center, Add* | *35.83* | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *7.22* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.67* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.31* | |
| 05 53 13 00-0027 | SF | 1-3/4" x 3/16" Steel, Pressure Locked Grating | 29.94 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *4.50* | |
| | | *For 304 Stainless Steel, Add* | *51.28* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *8.00* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.96* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.38* | |
| 05 53 13 00-0028 | SF | 2" x 3/16" Steel, Pressure Locked Grating | 32.13 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *4.85* | |
| | | *For 304 Stainless Steel, Add* | *55.38* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *8.64* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.20* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.44* | |
| 05 53 13 00-0029 | SF | 2-1/4" x 3/16" Steel, Pressure Locked Grating | 34.24 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *5.20* | |
| | | *For 304 Stainless Steel, Add* | *59.33* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *9.26* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.42* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.49* | |
| 05 53 13 00-0030 | SF | 2-1/2" x 3/16" Steel, Pressure Locked Grating | 36.06 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *5.50* | |
| | | *For 304 Stainless Steel, Add* | *62.73* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *9.79* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.62* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.53* | |

### 05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

| | | | | |
|---|---|---|---|---|
| 05 53 13 00-0032 | SF | 3/4" x 1/8" Aluminum, Pressure Locked Grating | 17.46 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *4.49* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.66* | |
| | | *For Set In Place Without Bolting, Deduct* | *-1.77* | |
| | | *For Powder Coating, Add* | *2.31* | |
| 05 53 13 00-0033 | SF | 3/4" x 3/16" Aluminum, Pressure Locked Grating | 23.77 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *6.34* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.34* | |
| | | *For Set In Place Without Bolting, Deduct* | *-1.93* | |
| | | *For Powder Coating, Add* | *3.26* | |
| 05 53 13 00-0034 | SF | 1" x 1/8" Aluminum, Pressure Locked Grating | 22.41 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *5.94* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.20* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-1.90* | |
| | | *For Powder Coating, Add* | *3.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 53 13 00-0035 | SF | 1" x 3/16" Aluminum, Pressure Locked Grating | 30.57 | 1.03 |
| | | *For Bearing Bars At 7/16" On-Center, Add* | *41.33* | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *8.32* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.08* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.10* | |
| | | *For Powder Coating, Add* | *4.28* | |
| 05 53 13 00-0036 | SF | 1-1/4" x 1/8" Aluminum, Pressure Locked Grating | 26.00 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *6.99* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.58* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-1.99* | |
| | | *For Powder Coating, Add* | *3.59* | |
| 05 53 13 00-0037 | SF | 1-1/4" x 3/16" Aluminum, Pressure Locked Grating | 34.90 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *9.59* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.55* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.21* | |
| | | *For Powder Coating, Add* | *4.92* | |
| 05 53 13 00-0038 | SF | 1-1/2" x 1/8" Aluminum, Pressure Locked Grating | 29.38 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *7.97* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.95* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.07* | |
| | | *For Powder Coating, Add* | *4.10* | |
| 05 53 13 00-0039 | SF | 1-1/2" x 3/16" Aluminum, Pressure Locked Grating | 39.36 | 1.03 |
| | | *For Bearing Bars At 7/16" On-Center, Add* | *54.07* | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *10.89* | |
| | | *For Crossbars At 2" On-Center, Add* | *4.03* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.32* | |
| | | *For Powder Coating, Add* | *5.59* | |
| 05 53 13 00-0040 | SF | 1-3/4" x 3/16" Aluminum, Pressure Locked Grating | 43.63 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *12.14* | |
| | | *For Crossbars At 2" On-Center, Add* | *4.49* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.43* | |
| | | *For Powder Coating, Add* | *6.23* | |
| 05 53 13 00-0041 | SF | 2" x 3/16" Aluminum, Pressure Locked Grating | 48.69 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *13.61* | |
| | | *For Crossbars At 2" On-Center, Add* | *5.03* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.55* | |
| | | *For Powder Coating, Add* | *6.99* | |
| 05 53 13 00-0042 | SF | 2-1/4" x 3/16" Aluminum, Pressure Locked Grating | 52.66 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *14.77* | |
| | | *For Crossbars At 2" On-Center, Add* | *5.46* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.65* | |
| | | *For Powder Coating, Add* | *7.59* | |
| 05 53 13 00-0043 | SF | 2-1/2" x 3/16" Aluminum, Pressure Locked Grating | 57.39 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *16.15* | |
| | | *For Crossbars At 2" On-Center, Add* | *5.97* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.77* | |
| | | *For Powder Coating, Add* | *8.30* | |

### 05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

### 05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

| | | | | |
|---|---|---|---|---|
| 05 53 13 00-0046 | SF | 1" x 3/16" Steel, Swaged Grating | 23.51 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *1.97* | |
| | | *For 304 Stainless Steel, Add* | *35.55* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *13.72* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.72* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.92* | |
| 05 53 13 00-0047 | SF | 1-1/4" x 3/16" Steel, Swaged Grating | 26.16 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.22* | |
| | | *For 304 Stainless Steel, Add* | *39.94* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *15.42* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.93* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-1.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 53 13 00-0048 | SF | 1-1/2" x 3/16" Steel, Swaged Grating | 28.69 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.41* | |
| | | *For 304 Stainless Steel, Add* | *43.37* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *16.74* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.09* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.35* | |
| 05 53 13 00-0049 | SF | 1-3/4" x 3/16" Steel, Swaged Grating | 32.74 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.78* | |
| | | *For 304 Stainless Steel, Add* | *50.09* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *19.33* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.42* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.45* | |
| 05 53 13 00-0050 | SF | 2" x 3/16" Steel, Swaged Grating | 36.81 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.15* | |
| | | *For 304 Stainless Steel, Add* | *56.84* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *21.94* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.74* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.55* | |
| 05 53 13 00-0051 | SF | 2-1/4" x 3/16" Steel, Swaged Grating | 40.87 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.53* | |
| | | *For 304 Stainless Steel, Add* | *63.57* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *24.54* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.07* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.65* | |
| 05 53 13 00-0052 | SF | 2-1/2" x 3/16" Steel, Swaged Grating | 44.94 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.90* | |
| | | *For 304 Stainless Steel, Add* | *70.32* | |
| | | *Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center* | | |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *27.14* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.39* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.76* | |

### 05 53 13 00-0053 Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

| | | | | |
|---|---|---|---|---|
| 05 53 13 00-0054 | SF | 1" x 1/8" Aluminum, Swaged Grating | 20.67 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *11.90* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.49* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-1.85* | |
| | | *For Powder Coating, Add* | *2.79* | |
| 05 53 13 00-0055 | SF | 1" x 3/16" Aluminum, Swaged Grating | 26.90 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *15.89* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.99* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.01* | |
| | | *For Powder Coating, Add* | *3.72* | |
| 05 53 13 00-0056 | SF | 1-1/4" x 1/8" Aluminum, Swaged Grating | 23.47 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *13.70* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.71* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-1.92* | |
| | | *For Powder Coating, Add* | *3.21* | |
| 05 53 13 00-0057 | SF | 1-1/4" x 3/16" Aluminum, Swaged Grating | 31.09 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *18.57* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.32* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.11* | |
| | | *For Powder Coating, Add* | *4.35* | |
| 05 53 13 00-0058 | SF | 1-1/2" x 1/8" Aluminum, Swaged Grating | 26.79 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *15.82* | |
| | | *For Crossbars At 2" On-Center, Add* | *1.98* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.00* | |
| | | *For Powder Coating, Add* | *3.71* | |
| 05 53 13 00-0059 | SF | 1-1/2" x 3/16" Aluminum, Swaged Grating | 35.58 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *21.45* | |
| | | *For Crossbars At 2" On-Center, Add* | *2.68* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.22* | |
| | | *For Powder Coating, Add* | *5.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 53 13 00-0060 | SF | 1-3/4" x 3/16" Aluminum, Swaged Grating | 40.75 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *24.76* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.09* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.35* | |
| | | *For Powder Coating, Add* | *5.80* | |
| 05 53 13 00-0061 | SF | 2" x 3/16" Aluminum, Swaged Grating | 45.89 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *28.04* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.51* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.48* | |
| | | *For Powder Coating, Add* | *6.57* | |
| 05 53 13 00-0062 | SF | 2-1/4" x 3/16" Aluminum, Swaged Grating | 51.05 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *31.35* | |
| | | *For Crossbars At 2" On-Center, Add* | *3.92* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.61* | |
| | | *For Powder Coating, Add* | *7.35* | |
| 05 53 13 00-0063 | SF | 2-1/2" x 3/16" Aluminum, Swaged Grating | 56.19 | 1.03 |
| | | *For Bearing Bars At 15/16" On-Center, Add* | *34.64* | |
| | | *For Crossbars At 2" On-Center, Add* | *4.33* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.74* | |
| | | *For Powder Coating, Add* | *8.12* | |

### 05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

### 05 53 13 00-0065 Steel, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

| | | | | |
|---|---|---|---|---|
| 05 53 13 00-0066 | SF | 3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating | 44.01 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.01* | |
| | | *For 304 Stainless Steel, Add* | *36.03* | |
| | | *For 5/8" Clear Opening, Add* | *14.47* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.44* | |
| 05 53 13 00-0067 | SF | 3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating | 51.69 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.38* | |
| | | *For 304 Stainless Steel, Add* | *42.62* | |
| | | *For 5/8" Clear Opening, Add* | *17.12* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.63* | |
| 05 53 13 00-0068 | SF | 1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating | 47.55 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.18* | |
| | | *For 304 Stainless Steel, Add* | *39.07* | |
| | | *For 5/8" Clear Opening, Add* | *15.69* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.52* | |
| 05 53 13 00-0069 | SF | 1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating | 54.62 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.52* | |
| | | *For 304 Stainless Steel, Add* | *45.14* | |
| | | *For 5/8" Clear Opening, Add* | *18.13* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.70* | |
| 05 53 13 00-0070 | SF | 1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating | 50.48 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.32* | |
| | | *For 304 Stainless Steel, Add* | *41.58* | |
| | | *For 5/8" Clear Opening, Add* | *16.70* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.60* | |
| 05 53 13 00-0071 | SF | 1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating | 60.07 | 1.03 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.78* | |
| | | *For 304 Stainless Steel, Add* | *49.82* | |
| | | *For 5/8" Clear Opening, Add* | *20.01* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.84* | |
| 05 53 13 00-0072 | SF | 1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating | 53.76 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.46* | |
| | | *For 304 Stainless Steel, Add* | *44.01* | |
| | | *For 5/8" Clear Opening, Add* | *17.67* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-2.98* | |
| 05 53 13 00-0073 | SF | 1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating | 64.01 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *2.95* | |
| | | *For 304 Stainless Steel, Add* | *52.81* | |
| | | *For 5/8" Clear Opening, Add* | *21.21* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-3.23* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 53 13 00-0074 | SF | 1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating | 69.24 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.20* | |
| | | *For 304 Stainless Steel, Add* | *57.30* | |
| | | *For 5/8" Clear Opening, Add* | *23.01* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-3.36* | |
| 05 53 13 00-0075 | SF | 2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating | 80.92 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.76* | |
| | | *For 304 Stainless Steel, Add* | *67.34* | |
| | | *For 5/8" Clear Opening, Add* | *27.04* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-3.65* | |
| 05 53 13 00-0076 | SF | 2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating | 84.99 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *3.96* | |
| | | *For 304 Stainless Steel, Add* | *70.83* | |
| | | *For 5/8" Clear Opening, Add* | *28.45* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-3.76* | |
| 05 53 13 00-0077 | SF | 2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating | 88.61 | 1.26 |
| | | *For One Coat Of Shop Applied Paint (Red Or Black), Add* | *0.22* | |
| | | *For Galvanized Steel, Add* | *4.13* | |
| | | *For 304 Stainless Steel, Add* | *73.94* | |
| | | *For 5/8" Clear Opening, Add* | *29.70* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Set In Place Without Bolting Or Tack Welding, Deduct* | *-3.85* | |

## 05 53 13 00-0078 Aluminum, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted in place and in all sizes.

| | | | | |
|---|---|---|---|---|
| 05 53 13 00-0079 | SF | 3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating | 44.55 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *14.66* | |
| | | *For Powder Coating, Add* | *6.37* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.45* | |
| 05 53 13 00-0080 | SF | 3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating | 52.96 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *17.56* | |
| | | *For Powder Coating, Add* | *7.63* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.66* | |
| 05 53 13 00-0081 | SF | 1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating | 49.04 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *16.20* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *7.05* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.56* | |
| 05 53 13 00-0082 | SF | 1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating | 57.25 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *19.04* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *8.28* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.77* | |
| 05 53 13 00-0083 | SF | 1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating | 55.05 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *18.28* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *7.95* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.71* | |
| 05 53 13 00-0084 | SF | 1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating | 66.45 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *22.21* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *9.66* | |
| | | *For Set In Place Without Bolting, Deduct* | *-3.00* | |
| 05 53 13 00-0085 | SF | 1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating | 59.16 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *19.70* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *8.56* | |
| | | *For Set In Place Without Bolting, Deduct* | *-2.81* | |
| 05 53 13 00-0086 | SF | 1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating | 73.63 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *24.69* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *10.73* | |
| | | *For Set In Place Without Bolting, Deduct* | *-3.18* | |
| 05 53 13 00-0087 | SF | 1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating | 81.22 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *27.31* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *11.87* | |
| | | *For Set In Place Without Bolting, Deduct* | *-3.37* | |
| 05 53 13 00-0088 | SF | 2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating | 96.80 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *32.68* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *14.21* | |
| | | *For Set In Place Without Bolting, Deduct* | *-3.76* | |
| 05 53 13 00-0089 | SF | 2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating | 105.64 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *35.73* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *15.54* | |
| | | *For Set In Place Without Bolting, Deduct* | *-3.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 53 13 00-0090 | SF | 2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating | 117.50 | 1.03 |
| | | *For 5/8" Clear Opening, Add* | *39.82* | |
| | | *For Serrated Wear Surface, Add* | *0.16* | |
| | | *For Powder Coating, Add* | *17.31* | |
| | | *For Set In Place Without Bolting, Deduct* | *-4.27* | |

## 05 54 Metal Floor Plates *(05 50)*

### 05 54 00 00-0001 Steel Floor Plates *(05 54)*

| | | | | |
|---|---|---|---|---|
| 05 54 00 00-0002 | SF | 16 Gauge Steel Raised Or Diamond Pattern Floor Plates | 16.35 | 1.22 |
| 05 54 00 00-0003 | SF | 14 Gauge Steel Raised Or Diamond Pattern Floor Plates | 18.71 | 1.22 |
| 05 54 00 00-0004 | SF | 12 Gauge Steel Raised Or Diamond Pattern Floor Plates | 23.47 | 1.22 |
| 05 54 00 00-0005 | SF | 1/8" Steel Raised Or Diamond Pattern Floor Plates | 31.42 | 1.31 |
| 05 54 00 00-0006 | SF | 1/4" Steel Raised Or Diamond Pattern Floor Plates | 39.95 | 1.40 |

### 05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

| | | | | |
|---|---|---|---|---|
| 05 54 00 00-0008 | SF | 0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate | 26.25 | 1.03 |
| | | *For Powder Coating, Add* | *3.63* | |
| 05 54 00 00-0009 | SF | 0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate | 30.11 | 1.22 |
| | | *For Powder Coating, Add* | *4.17* | |
| 05 54 00 00-0010 | SF | 0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate | 33.99 | 1.31 |
| | | *For Powder Coating, Add* | *4.71* | |

### 05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

| | | | | |
|---|---|---|---|---|
| 05 54 00 00-0012 | SF | 1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate | 28.36 | 1.40 |
| 05 54 00 00-0013 | SF | 3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate | 33.88 | 1.59 |
| 05 54 00 00-0014 | SF | 1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate | 43.83 | 1.87 |

## 05 55 Metal Stair Treads and Nosings *(05 50)*

### 05 55 13 Metal Stair Treads *(05 55)*

### 05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

| | | | | |
|---|---|---|---|---|
| 05 55 13 00-0002 | LF | 8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread | 60.79 | 4.72 |
| | | *For 3/8" Thick, Add* | *13.31* | |
| 05 55 13 00-0003 | LF | 9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread | 67.22 | 4.72 |
| | | *For 3/8" Thick, Add* | *14.92* | |
| 05 55 13 00-0004 | LF | 10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread | 73.63 | 4.72 |
| | | *For 3/8" Thick, Add* | *16.52* | |
| 05 55 13 00-0005 | LF | 11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread | 80.08 | 4.72 |
| | | *For 3/8" Thick, Add* | *18.13* | |
| 05 55 13 00-0006 | LF | 12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread | 86.48 | 4.72 |
| | | *For 3/8" Thick, Add* | *19.73* | |

### 05 55 13 00-0007 Abrasive Cast Iron Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

| | | | | |
|---|---|---|---|---|
| 05 55 13 00-0008 | LF | 8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread | 85.73 | 4.72 |
| 05 55 13 00-0009 | LF | 9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread | 95.25 | 4.72 |
| 05 55 13 00-0010 | LF | 10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread | 104.80 | 4.72 |
| 05 55 13 00-0011 | LF | 11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread | 114.32 | 4.72 |
| 05 55 13 00-0012 | LF | 12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread | 123.87 | 4.72 |

### 05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

| | | | | |
|---|---|---|---|---|
| 05 55 13 00-0014 | LF | 6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread | 30.72 | 4.72 |
| 05 55 13 00-0015 | LF | 9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread | 36.54 | 4.72 |
| 05 55 13 00-0016 | LF | 11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread | 39.11 | 4.72 |

### 05 55 13 00-0017 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

| | | | | |
|---|---|---|---|---|
| 05 55 13 00-0018 | LF | 8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread | 46.79 | 4.72 |
| | | *For Epoxy Sealed For Corrosive Environment, Add* | *4.04* | |
| | | *For Two Color Tread, Add* | *3.03* | |
| 05 55 13 00-0019 | LF | 9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread | 47.28 | 4.72 |
| | | *For Epoxy Sealed For Corrosive Environment, Add* | *4.04* | |
| | | *For Two Color Tread, Add* | *3.03* | |
| 05 55 13 00-0020 | LF | 11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread | 57.76 | 4.72 |
| | | *For Epoxy Sealed For Corrosive Environment, Add* | *4.04* | |
| | | *For Two Color Tread, Add* | *3.03* | |
| 05 55 13 00-0021 | LF | 12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread | 66.94 | 4.72 |
| | | *For Epoxy Sealed For Corrosive Environment, Add* | *4.04* | |
| | | *For Two Color Tread, Add* | *3.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 55 13 00-0022 | LF | 15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread | 78.91 | 4.72 |
| | | *For Epoxy Sealed For Corrosive Environment, Add* | *4.04* | |
| | | *For Two Color Tread, Add* | *3.03* | |

### 05 55 13 00-0023 Stair Landing Treads *(05 55 13)*

### 05 55 13 00-0024 Abrasive Cast Aluminum Stair Landing Treads *(05 55 13 00-0023)*

Note: Includes abrasive diamond pattern surface and anchors.

| | | | | |
|---|---|---|---|---|
| 05 55 13 00-0025 | SF | 5/16" Thick, Abrasive Cast Aluminum Landing Treads | 86.48 | 4.72 |
| | | *For 3/8" Thick, Add* | *19.73* | |

### 05 55 13 00-0026 Abrasive Cast Iron Stair Landing Treads *(05 55 13 00-0023)*

Note: Includes abrasive diamond pattern surface and anchors.

| | | | | |
|---|---|---|---|---|
| 05 55 13 00-0027 | SF | 3/8" Thick, Abrasive Cast Iron Landing Treads | 123.87 | 4.72 |

### 05 55 13 00-0028 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads *(05 55 13 00-0023)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.

| | | | | |
|---|---|---|---|---|
| 05 55 13 00-0029 | SF | 9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads | 79.96 | 4.72 |
| | | *For Epoxy Sealed For Corrosive Environment, Add* | *4.04* | |

### 05 55 13 00-0030 Open Cast Iron Stair Tread *(05 55 13)*

Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.

| | | | | |
|---|---|---|---|---|
| 05 55 13 00-0031 | RSR | 3'-6" Wide, Open Cast Iron Stair Tread | 571.63 | 37.48 |
| | | *For Solid Metal Matching Riser, Add* | *70.65* | |
| 05 55 13 00-0032 | RSR | 4'-0" Wide, Open Cast Iron Stair Tread | 641.70 | 43.11 |
| | | *For Solid Metal Matching Riser, Add* | *78.68* | |
| 05 55 13 00-0033 | RSR | 5'-0" Wide, Open Cast Iron Stair Tread | 707.20 | 50.60 |
| | | *For Solid Metal Matching Riser, Add* | *86.37* | |

## 05 55 16 Metal Stair Nosings *(05 55)*

### 05 55 16 00-0001 Abrasive Cast Aluminum Nosings *(05 55 16)*

Note: Includes abrasive diamond pattern surface and anchors.

| | | | | |
|---|---|---|---|---|
| 05 55 16 00-0002 | LF | 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing | 24.92 | 3.22 |
| | | *For 3/8" Thick, Add* | *4.94* | |
| 05 55 16 00-0003 | LF | 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing | 31.12 | 3.22 |
| | | *For 3/8" Thick, Add* | *6.49* | |
| 05 55 16 00-0004 | LF | 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing | 44.96 | 3.22 |
| | | *For 3/8" Thick, Add* | *9.95* | |

### 05 55 16 00-0005 Abrasive Cast Iron Nosings *(05 55 16)*

Note: Includes abrasive diamond pattern surface and anchors.

| | | | | |
|---|---|---|---|---|
| 05 55 16 00-0006 | LF | 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing | 29.45 | 3.22 |
| | | *For 3/8" Thick, Add* | *6.08* | |
| 05 55 16 00-0007 | LF | 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing | 37.09 | 3.22 |
| | | *For 3/8" Thick, Add* | *7.99* | |
| 05 55 16 00-0008 | LF | 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing | 52.20 | 3.22 |
| | | *For 3/8" Thick, Add* | *11.76* | |

### 05 55 16 00-0009 Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings *(05 55 16)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.

| | | | | |
|---|---|---|---|---|
| 05 55 16 00-0010 | LF | 1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing | 20.71 | 3.22 |
| 05 55 16 00-0011 | LF | 3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing | 23.70 | 3.22 |
| 05 55 16 00-0012 | LF | 4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing | 25.99 | 3.22 |
| 05 55 16 00-0013 | LF | 6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing | 33.09 | 3.22 |
| 05 55 16 00-0014 | LF | 1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing | 21.52 | 3.22 |
| 05 55 16 00-0015 | LF | 3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing | 24.07 | 3.22 |
| 05 55 16 00-0016 | LF | 4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing | 26.59 | 3.22 |
| 05 55 16 00-0017 | LF | 3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing | 25.06 | 3.22 |

# 05 56 Metal Castings *(05 50)*

### 05 56 00 00-0001 Castings *(05 56)*

| | | | | |
|---|---|---|---|---|
| 05 56 00 00-0002 | LB | Up To 150 LB, Miscellaneous Castings, Light Section | 4.52 | 0.46 |
| 05 56 00 00-0003 | LB | >150 LB, Miscellaneous Castings, Heavy Section | 7.70 | 0.37 |

# 05 58 Formed Metal Fabrications *(05 50)*

## 05 58 16 Formed Metal Enclosures *(05 58)*

### 05 58 16 00-0001 Drip Pan *(05 58 16)*

| | | | | |
|---|---|---|---|---|
| 05 58 16 00-0002 | SF | Stainless Steel Drip Pan | 98.55 | 5.56 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 58 16 00-0003 | SF | Galvanized Steel Drip Pan | 97.34 | 5.56 |
| 05 58 16 00-0004 | SF | Aluminum Drip Pan | 68.24 | 4.45 |
| 05 58 16 00-0005 | SF | Plastic Drip Pan | 17.28 | 3.89 |

## 05 58 23 Formed Metal Guards *(05 58)*

### 05 58 23 00-0001 Protective Guard Rails *(05 58 23)*
Note: Includes painted finish.

### 05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*
Note: Steel King Armor Guard.

### 05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*
Note: Excludes posts. Includes fasteners.

| | | | | |
|---|---|---|---|---|
| 05 58 23 00-0004 | EA | 1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 175.64 | 15.46 |
| 05 58 23 00-0005 | EA | 2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 207.79 | 15.46 |
| 05 58 23 00-0006 | EA | 3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 238.11 | 15.46 |
| 05 58 23 00-0007 | EA | 4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 270.26 | 15.46 |
| 05 58 23 00-0008 | EA | 5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 300.75 | 15.46 |
| 05 58 23 00-0009 | EA | 6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 340.29 | 15.46 |
| 05 58 23 00-0010 | EA | 7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 367.22 | 15.46 |
| 05 58 23 00-0011 | EA | 8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 408.92 | 15.46 |
| 05 58 23 00-0012 | EA | 9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 436.29 | 15.46 |
| 05 58 23 00-0013 | EA | 10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail | 455.84 | 15.46 |

### 05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*
Note: Includes drilling, surface mounting plate and anchors.

| | | | | |
|---|---|---|---|---|
| 05 58 23 00-0015 | EA | 12" Height, Single Rail Post For 2-Rib Guard Rails | 349.40 | 32.21 |
| 05 58 23 00-0016 | EA | 42" Height, Triple Rail Post For 2-Rib Guard Rails | 461.04 | 32.21 |

### 05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*
Note: Steel King Steel Guard.

### 05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*
Note: Excludes posts. Includes fasteners.

| | | | | |
|---|---|---|---|---|
| 05 58 23 00-0019 | EA | 1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 195.02 | 15.46 |
| 05 58 23 00-0020 | EA | 2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 216.39 | 15.46 |
| 05 58 23 00-0021 | EA | 3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 243.06 | 15.46 |
| 05 58 23 00-0022 | EA | 4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 268.00 | 15.46 |
| 05 58 23 00-0023 | EA | 5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 296.84 | 15.46 |
| 05 58 23 00-0024 | EA | 6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 310.75 | 15.46 |
| 05 58 23 00-0025 | EA | 7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 344.20 | 15.46 |
| 05 58 23 00-0026 | EA | 8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 372.43 | 15.46 |
| 05 58 23 00-0027 | EA | 9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 402.41 | 15.46 |
| 05 58 23 00-0028 | EA | 10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 432.82 | 15.46 |

### 05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*
Note: Excludes posts. Includes fasteners and lift-out mounting plate.

| | | | | |
|---|---|---|---|---|
| 05 58 23 00-0030 | EA | 1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 291.20 | 15.46 |
| 05 58 23 00-0031 | EA | 2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 314.66 | 15.46 |
| 05 58 23 00-0032 | EA | 3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 338.98 | 15.46 |
| 05 58 23 00-0033 | EA | 4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 367.22 | 15.46 |
| 05 58 23 00-0034 | EA | 5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 395.46 | 15.46 |
| 05 58 23 00-0035 | EA | 6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 418.48 | 15.46 |
| 05 58 23 00-0036 | EA | 7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 444.98 | 15.46 |
| 05 58 23 00-0037 | EA | 8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 474.95 | 15.46 |
| 05 58 23 00-0038 | EA | 9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 507.10 | 15.46 |
| 05 58 23 00-0039 | EA | 10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail | 535.34 | 15.46 |

### 05 58 23 00-0040 Posts For 3-Rib Guard Rails *(05 58 23 00-0017)*
Note: Includes drilling, surface mounting plate and anchors.

| | | | | |
|---|---|---|---|---|
| 05 58 23 00-0041 | EA | 18" Height, Single Rail Post For 3-Rib Guard Rails | 304.91 | 32.21 |
| 05 58 23 00-0042 | EA | 42" Height, Double Rail Post For 3-Rib Guard Rails | 395.44 | 32.21 |

### 05 58 23 00-0043 All-Welded, Protective Guards *(05 58 23)*
Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.

### 05 58 23 00-0044 All-Welded, Protective Guards *(05 58 23 00-0043)*

| | | | | |
|---|---|---|---|---|
| 05 58 23 00-0045 | EA | 36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 397.36 | 42.94 |
| 05 58 23 00-0046 | EA | 48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 419.09 | 42.94 |
| 05 58 23 00-0047 | EA | 36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 431.68 | 42.94 |
| 05 58 23 00-0048 | EA | 48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 450.36 | 42.94 |
| 05 58 23 00-0049 | EA | 36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 446.02 | 42.94 |
| 05 58 23 00-0050 | EA | 48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 469.04 | 42.94 |
| 05 58 23 00-0051 | EA | 36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 475.56 | 42.94 |
| 05 58 23 00-0052 | EA | 48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 482.94 | 42.94 |
| 05 58 23 00-0053 | EA | 48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard | 518.13 | 42.94 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 58 23 00-0054 | | Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)* | | |
| 05 58 23 00-0055 | EA | 24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard | 532.03 | 42.94 |
| 05 58 23 00-0056 | EA | 30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard | 558.10 | 42.94 |
| 05 58 23 00-0057 | EA | 24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard | 568.96 | 42.94 |
| 05 58 23 00-0058 | EA | 30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard | 622.39 | 42.94 |
| 05 58 23 00-0059 | | Warehouse Safety Bollards *(05 58 23)* | | |
| | | Note: Includes painted finish, drilling, surface mounting plate and anchors. | | |
| 05 58 23 00-0060 | EA | 24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard | 242.54 | 32.21 |
| 05 58 23 00-0061 | EA | 36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard | 285.46 | 32.21 |
| 05 58 23 00-0062 | EA | 42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard | 330.90 | 32.21 |
| 05 58 23 00-0063 | EA | 36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard | 343.33 | 32.21 |
| 05 58 23 00-0064 | EA | 42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard | 372.00 | 32.21 |

## 05 59 Metal Specialties *(05 50)*

### 05 59 65 Metal Chain *(05 59)*

| | | | | |
|---|---|---|---|---|
| 05 59 65 00-0001 | | Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)* | | |
| | | Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required. | | |
| 05 59 65 00-0002 | LF | 3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored | 5.32 | 0.90 |
| | | *For Plastic Dipped, Add* | *0.53* | |
| 05 59 65 00-0003 | LF | 1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored | 6.89 | 1.20 |
| | | *For Plastic Dipped, Add* | *0.67* | |
| 05 59 65 00-0004 | LF | 3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored | 10.86 | 2.40 |
| | | *For Plastic Dipped, Add* | *0.91* | |
| 05 59 65 00-0005 | LF | 1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored | 17.42 | 4.05 |
| | | *For Plastic Dipped, Add* | *1.40* | |
| 05 59 65 00-0006 | LF | 5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored | 29.40 | 6.86 |
| | | *For Plastic Dipped, Add* | *2.36* | |
| 05 59 65 00-0007 | LF | 3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored | 41.27 | 9.62 |
| | | *For Plastic Dipped, Add* | *3.30* | |
| 05 59 65 00-0008 | LF | 7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored | 56.34 | 12.02 |
| | | *For Plastic Dipped, Add* | *4.85* | |
| 05 59 65 00-0009 | LF | 1" Diameter Alloy Steel Chain, Cut Length, Self Colored | 81.58 | 16.02 |
| | | *For Plastic Dipped, Add* | *7.43* | |
| 05 59 65 00-0010 | LF | 1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored | 132.84 | 24.04 |
| | | *For Plastic Dipped, Add* | *12.71* | |

### 05 59 69 Metal Panels *(05 59)*

| | | | | |
|---|---|---|---|---|
| 05 59 69 00-0001 | | Woven And Welded Wire Cloth *(05 59 69)* | | |
| | | Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding. | | |
| 05 59 69 00-0002 | | Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)* | | |
| 05 59 69 00-0003 | | 2" Square Wire Spacing *(05 59 69 00-0002)* | | |
| 05 59 69 00-0004 | SF | 0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels | 9.13 | 2.57 |
| | | *For Up To 2, Add* | *2.51* | |
| | | *For >2 To 6, Add* | *1.43* | |
| | | *For >15 To 40, Deduct* | *-0.29* | |
| | | *For >40, Deduct* | *-0.86* | |
| | | *For Galvanized, Add* | *2.51* | |
| | | *For Aluminum, Add* | *3.42* | |
| | | *For 304 Stainless Steel, Add* | *13.68* | |
| | | *For 316 Stainless Steel, Add* | *15.68* | |
| 05 59 69 00-0005 | SF | 0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels | 9.83 | 2.67 |
| | | *For Up To 2, Add* | *2.68* | |
| | | *For >2 To 6, Add* | *1.52* | |
| | | *For >15 To 40, Deduct* | *-0.31* | |
| | | *For >40, Deduct* | *-0.94* | |
| | | *For Galvanized, Add* | *2.75* | |
| | | *For Aluminum, Add* | *3.76* | |
| | | *For 304 Stainless Steel, Add* | *15.02* | |
| | | *For 316 Stainless Steel, Add* | *17.22* | |
| 05 59 69 00-0006 | SF | 0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels | 10.43 | 2.97 |
| | | *For Up To 2, Add* | *2.88* | |
| | | *For >2 To 6, Add* | *1.64* | |
| | | *For >15 To 40, Deduct* | *-0.32* | |
| | | *For >40, Deduct* | *-0.97* | |
| | | *For Galvanized, Add* | *2.85* | |
| | | *For Aluminum, Add* | *3.89* | |
| | | *For 304 Stainless Steel, Add* | *15.55* | |
| | | *For 316 Stainless Steel, Add* | *17.82* | |
| 05 59 69 00-0007 | SF | 0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels | 11.00 | 3.09 |
| | | *For Up To 2, Add* | *3.02* | |
| | | *For >2 To 6, Add* | *1.72* | |
| | | *For >15 To 40, Deduct* | *-0.34* | |
| | | *For >40, Deduct* | *-1.03* | |
| | | *For Galvanized, Add* | *3.03* | |
| | | *For Aluminum, Add* | *4.13* | |
| | | *For 304 Stainless Steel, Add* | *16.54* | |
| | | *For 316 Stainless Steel, Add* | *18.95* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 59 69 00-0008 | SF | 0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels | 12.02 | 3.46 |
| | | *For Up To 2, Add* | *3.33* | |
| | | *For >2 To 6, Add* | *1.90* | |
| | | *For >15 To 40, Deduct* | *-0.37* | |
| | | *For >40, Deduct* | *-1.11* | |
| | | *For Galvanized, Add* | *3.26* | |
| | | *For Aluminum, Add* | *4.44* | |
| | | *For 304 Stainless Steel, Add* | *17.76* | |
| | | *For 316 Stainless Steel, Add* | *20.35* | |
| 05 59 69 00-0009 | SF | 0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels | 13.82 | 3.85 |
| | | *For Up To 2, Add* | *3.79* | |
| | | *For >2 To 6, Add* | *2.15* | |
| | | *For >15 To 40, Deduct* | *-0.43* | |
| | | *For >40, Deduct* | *-1.30* | |
| | | *For Galvanized, Add* | *3.82* | |
| | | *For Aluminum, Add* | *5.21* | |
| | | *For 304 Stainless Steel, Add* | *20.83* | |
| | | *For 316 Stainless Steel, Add* | *23.87* | |
| 05 59 69 00-0010 | SF | 0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels | 15.71 | 4.25 |
| | | *For Up To 2, Add* | *4.27* | |
| | | *For >2 To 6, Add* | *2.42* | |
| | | *For >15 To 40, Deduct* | *-0.50* | |
| | | *For >40, Deduct* | *-1.51* | |
| | | *For Galvanized, Add* | *4.42* | |
| | | *For Aluminum, Add* | *6.03* | |
| | | *For 304 Stainless Steel, Add* | *24.12* | |
| | | *For 316 Stainless Steel, Add* | *27.64* | |
| 05 59 69 00-0011 | SF | 0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels | 18.02 | 4.71 |
| | | *For Up To 2, Add* | *4.86* | |
| | | *For >2 To 6, Add* | *2.74* | |
| | | *For >15 To 40, Deduct* | *-0.59* | |
| | | *For >40, Deduct* | *-1.76* | |
| | | *For Galvanized, Add* | *5.17* | |
| | | *For Aluminum, Add* | *7.04* | |
| | | *For 304 Stainless Steel, Add* | *28.18* | |
| | | *For 316 Stainless Steel, Add* | *32.29* | |

### 05 59 69 00-0012 1-3/4" Square Wire Spacing *(05 59 69 00-0002)*

| | | | | |
|---|---|---|---|---|
| 05 59 69 00-0013 | SF | 0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels | 9.57 | 2.72 |
| | | *For Up To 2, Add* | *2.64* | |
| | | *For >2 To 6, Add* | *1.50* | |
| | | *For >15 To 40, Deduct* | *-0.30* | |
| | | *For >40, Deduct* | *-0.89* | |
| | | *For Galvanized, Add* | *2.61* | |
| | | *For Aluminum, Add* | *3.56* | |
| | | *For 304 Stainless Steel, Add* | *14.26* | |
| | | *For 316 Stainless Steel, Add* | *16.34* | |
| 05 59 69 00-0014 | SF | 0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels | 10.55 | 2.86 |
| | | *For Up To 2, Add* | *2.88* | |
| | | *For >2 To 6, Add* | *1.63* | |
| | | *For >15 To 40, Deduct* | *-0.34* | |
| | | *For >40, Deduct* | *-1.01* | |
| | | *For Galvanized, Add* | *2.96* | |
| | | *For Aluminum, Add* | *4.03* | |
| | | *For 304 Stainless Steel, Add* | *16.13* | |
| | | *For 316 Stainless Steel, Add* | *18.48* | |
| 05 59 69 00-0015 | SF | 0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels | 11.31 | 3.22 |
| | | *For Up To 2, Add* | *3.12* | |
| | | *For >2 To 6, Add* | *1.77* | |
| | | *For >15 To 40, Deduct* | *-0.35* | |
| | | *For >40, Deduct* | *-1.05* | |
| | | *For Galvanized, Add* | *3.09* | |
| | | *For Aluminum, Add* | *4.21* | |
| | | *For 304 Stainless Steel, Add* | *16.85* | |
| | | *For 316 Stainless Steel, Add* | *19.31* | |
| 05 59 69 00-0016 | SF | 0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels | 11.83 | 3.32 |
| | | *For Up To 2, Add* | *3.25* | |
| | | *For >2 To 6, Add* | *1.85* | |
| | | *For >15 To 40, Deduct* | *-0.37* | |
| | | *For >40, Deduct* | *-1.11* | |
| | | *For Galvanized, Add* | *3.26* | |
| | | *For Aluminum, Add* | *4.44* | |
| | | *For 304 Stainless Steel, Add* | *17.76* | |
| | | *For 316 Stainless Steel, Add* | *20.35* | |
| 05 59 69 00-0017 | SF | 0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels | 12.92 | 3.72 |
| | | *For Up To 2, Add* | *3.58* | |
| | | *For >2 To 6, Add* | *2.04* | |
| | | *For >15 To 40, Deduct* | *-0.40* | |
| | | *For >40, Deduct* | *-1.19* | |
| | | *For Galvanized, Add* | *3.50* | |
| | | *For Aluminum, Add* | *4.78* | |
| | | *For 304 Stainless Steel, Add* | *19.10* | |
| | | *For 316 Stainless Steel, Add* | *21.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 59 69 00-0018 | SF | 0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels | 14.88 | 4.16 |
| | | *For Up To 2, Add* | *4.08* | |
| | | *For >2 To 6, Add* | *2.32* | |
| | | *For >15 To 40, Deduct* | *-0.47* | |
| | | *For >40, Deduct* | *-1.40* | |
| | | *For Galvanized, Add* | *4.11* | |
| | | *For Aluminum, Add* | *5.60* | |
| | | *For 304 Stainless Steel, Add* | *22.42* | |
| | | *For 316 Stainless Steel, Add* | *25.69* | |
| 05 59 69 00-0019 | SF | 0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels | 16.88 | 4.56 |
| | | *For Up To 2, Add* | *4.59* | |
| | | *For >2 To 6, Add* | *2.60* | |
| | | *For >15 To 40, Deduct* | *-0.54* | |
| | | *For >40, Deduct* | *-1.62* | |
| | | *For Galvanized, Add* | *4.75* | |
| | | *For Aluminum, Add* | *6.48* | |
| | | *For 304 Stainless Steel, Add* | *25.92* | |
| | | *For 316 Stainless Steel, Add* | *29.70* | |
| 05 59 69 00-0020 | SF | 0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels | 19.40 | 5.07 |
| | | *For Up To 2, Add* | *5.23* | |
| | | *For >2 To 6, Add* | *2.96* | |
| | | *For >15 To 40, Deduct* | *-0.63* | |
| | | *For >40, Deduct* | *-1.89* | |
| | | *For Galvanized, Add* | *5.56* | |
| | | *For Aluminum, Add* | *7.58* | |
| | | *For 304 Stainless Steel, Add* | *30.31* | |
| | | *For 316 Stainless Steel, Add* | *34.73* | |

### 05 59 69 00-0021 1-1/2" Square Wire Spacing *(05 59 69 00-0002)*

| | | | | |
|---|---|---|---|---|
| 05 59 69 00-0022 | SF | 0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels | 10.60 | 3.02 |
| | | *For Up To 2, Add* | *2.92* | |
| | | *For >2 To 6, Add* | *1.66* | |
| | | *For >15 To 40, Deduct* | *-0.33* | |
| | | *For >40, Deduct* | *-0.99* | |
| | | *For Galvanized, Add* | *2.90* | |
| | | *For Aluminum, Add* | *3.95* | |
| | | *For 304 Stainless Steel, Add* | *15.79* | |
| | | *For 316 Stainless Steel, Add* | *18.10* | |
| 05 59 69 00-0023 | SF | 0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels | 11.68 | 3.18 |
| | | *For Up To 2, Add* | *3.18* | |
| | | *For >2 To 6, Add* | *1.80* | |
| | | *For >15 To 40, Deduct* | *-0.37* | |
| | | *For >40, Deduct* | *-1.12* | |
| | | *For Galvanized, Add* | *3.27* | |
| | | *For Aluminum, Add* | *4.46* | |
| | | *For 304 Stainless Steel, Add* | *17.86* | |
| | | *For 316 Stainless Steel, Add* | *20.46* | |
| 05 59 69 00-0024 | SF | 0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels | 12.37 | 3.52 |
| | | *For Up To 2, Add* | *3.41* | |
| | | *For >2 To 6, Add* | *1.94* | |
| | | *For >15 To 40, Deduct* | *-0.38* | |
| | | *For >40, Deduct* | *-1.15* | |
| | | *For Galvanized, Add* | *3.38* | |
| | | *For Aluminum, Add* | *4.61* | |
| | | *For 304 Stainless Steel, Add* | *18.43* | |
| | | *For 316 Stainless Steel, Add* | *21.12* | |
| 05 59 69 00-0025 | SF | 0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels | 13.06 | 3.66 |
| | | *For Up To 2, Add* | *3.59* | |
| | | *For >2 To 6, Add* | *2.04* | |
| | | *For >15 To 40, Deduct* | *-0.41* | |
| | | *For >40, Deduct* | *-1.23* | |
| | | *For Galvanized, Add* | *3.59* | |
| | | *For Aluminum, Add* | *4.90* | |
| | | *For 304 Stainless Steel, Add* | *19.61* | |
| | | *For 316 Stainless Steel, Add* | *22.47* | |
| 05 59 69 00-0026 | SF | 0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels | 14.22 | 4.09 |
| | | *For Up To 2, Add* | *3.94* | |
| | | *For >2 To 6, Add* | *2.24* | |
| | | *For >15 To 40, Deduct* | *-0.44* | |
| | | *For >40, Deduct* | *-1.31* | |
| | | *For Galvanized, Add* | *3.85* | |
| | | *For Aluminum, Add* | *5.25* | |
| | | *For 304 Stainless Steel, Add* | *21.00* | |
| | | *For 316 Stainless Steel, Add* | *24.06* | |
| 05 59 69 00-0027 | SF | 0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels | 16.26 | 4.54 |
| | | *For Up To 2, Add* | *4.46* | |
| | | *For >2 To 6, Add* | *2.53* | |
| | | *For >15 To 40, Deduct* | *-0.51* | |
| | | *For >40, Deduct* | *-1.53* | |
| | | *For Galvanized, Add* | *4.49* | |
| | | *For Aluminum, Add* | *6.13* | |
| | | *For 304 Stainless Steel, Add* | *24.50* | |
| | | *For 316 Stainless Steel, Add* | *28.08* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 59 69 00-0028 | SF | 0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels | 18.46 | 4.99 |
| | | *For Up To 2, Add* | *5.02* | |
| | | *For >2 To 6, Add* | *2.84* | |
| | | *For >15 To 40, Deduct* | *-0.59* | |
| | | *For >40, Deduct* | *-1.77* | |
| | | *For Galvanized, Add* | *5.20* | |
| | | *For Aluminum, Add* | *7.09* | |
| | | *For 304 Stainless Steel, Add* | *28.34* | |
| | | *For 316 Stainless Steel, Add* | *32.48* | |
| 05 59 69 00-0029 | SF | 0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels | 21.15 | 5.53 |
| | | *For Up To 2, Add* | *5.70* | |
| | | *For >2 To 6, Add* | *3.22* | |
| | | *For >15 To 40, Deduct* | *-0.69* | |
| | | *For >40, Deduct* | *-2.07* | |
| | | *For Galvanized, Add* | *6.06* | |
| | | *For Aluminum, Add* | *8.27* | |
| | | *For 304 Stainless Steel, Add* | *33.07* | |
| | | *For 316 Stainless Steel, Add* | *37.90* | |

## 05 59 69 00-0030 1-1/4" Square Wire Spacing *(05 59 69 00-0002)*

| | | | | |
|---|---|---|---|---|
| 05 59 69 00-0031 | SF | 0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels | 10.80 | 3.26 |
| | | *For Up To 2, Add* | *3.03* | |
| | | *For >2 To 6, Add* | *1.73* | |
| | | *For >15 To 40, Deduct* | *-0.32* | |
| | | *For >40, Deduct* | *-0.97* | |
| | | *For Galvanized, Add* | *2.83* | |
| | | *For Aluminum, Add* | *3.86* | |
| | | *For 304 Stainless Steel, Add* | *15.46* | |
| | | *For 316 Stainless Steel, Add* | *17.71* | |
| 05 59 69 00-0032 | SF | 0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels | 11.70 | 3.43 |
| | | *For Up To 2, Add* | *3.25* | |
| | | *For >2 To 6, Add* | *1.86* | |
| | | *For >15 To 40, Deduct* | *-0.36* | |
| | | *For >40, Deduct* | *-1.07* | |
| | | *For Galvanized, Add* | *3.14* | |
| | | *For Aluminum, Add* | *4.28* | |
| | | *For 304 Stainless Steel, Add* | *17.11* | |
| | | *For 316 Stainless Steel, Add* | *19.61* | |
| 05 59 69 00-0033 | SF | 0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels | 12.74 | 3.57 |
| | | *For Up To 2, Add* | *3.50* | |
| | | *For >2 To 6, Add* | *1.99* | |
| | | *For >15 To 40, Deduct* | *-0.40* | |
| | | *For >40, Deduct* | *-1.20* | |
| | | *For Galvanized, Add* | *3.51* | |
| | | *For Aluminum, Add* | *4.79* | |
| | | *For 304 Stainless Steel, Add* | *19.15* | |
| | | *For 316 Stainless Steel, Add* | *21.95* | |
| 05 59 69 00-0034 | SF | 0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels | 13.15 | 3.64 |
| | | *For Up To 2, Add* | *3.60* | |
| | | *For >2 To 6, Add* | *2.04* | |
| | | *For >15 To 40, Deduct* | *-0.42* | |
| | | *For >40, Deduct* | *-1.25* | |
| | | *For Galvanized, Add* | *3.65* | |
| | | *For Aluminum, Add* | *4.98* | |
| | | *For 304 Stainless Steel, Add* | *19.92* | |
| | | *For 316 Stainless Steel, Add* | *22.83* | |
| 05 59 69 00-0035 | SF | 0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels | 14.22 | 4.10 |
| | | *For Up To 2, Add* | *3.94* | |
| | | *For >2 To 6, Add* | *2.24* | |
| | | *For >15 To 40, Deduct* | *-0.44* | |
| | | *For >40, Deduct* | *-1.31* | |
| | | *For Galvanized, Add* | *3.85* | |
| | | *For Aluminum, Add* | *5.24* | |
| | | *For 304 Stainless Steel, Add* | *20.98* | |
| | | *For 316 Stainless Steel, Add* | *24.04* | |
| 05 59 69 00-0036 | SF | 0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels | 16.01 | 4.62 |
| | | *For Up To 2, Add* | *4.43* | |
| | | *For >2 To 6, Add* | *2.52* | |
| | | *For >15 To 40, Deduct* | *-0.49* | |
| | | *For >40, Deduct* | *-1.48* | |
| | | *For Galvanized, Add* | *4.34* | |
| | | *For Aluminum, Add* | *5.92* | |
| | | *For 304 Stainless Steel, Add* | *23.66* | |
| | | *For 316 Stainless Steel, Add* | *27.12* | |
| 05 59 69 00-0037 | SF | 0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels | 18.25 | 5.10 |
| | | *For Up To 2, Add* | *5.01* | |
| | | *For >2 To 6, Add* | *2.84* | |
| | | *For >15 To 40, Deduct* | *-0.57* | |
| | | *For >40, Deduct* | *-1.72* | |
| | | *For Galvanized, Add* | *5.04* | |
| | | *For Aluminum, Add* | *6.88* | |
| | | *For 304 Stainless Steel, Add* | *27.50* | |
| | | *For 316 Stainless Steel, Add* | *31.52* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 59 69 00-0038 | SF | 0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels | 20.62 | 5.57 |
| | | *For Up To 2, Add* | *5.61* | |
| | | *For >2 To 6, Add* | *3.18* | |
| | | *For >15 To 40, Deduct* | *-0.66* | |
| | | *For >40, Deduct* | *-1.98* | |
| | | *For Galvanized, Add* | *5.81* | |
| | | *For Aluminum, Add* | *7.92* | |
| | | *For 304 Stainless Steel, Add* | *31.68* | |
| | | *For 316 Stainless Steel, Add* | *36.30* | |
| 05 59 69 00-0039 | SF | 0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels | 23.66 | 6.18 |
| | | *For Up To 2, Add* | *6.38* | |
| | | *For >2 To 6, Add* | *3.60* | |
| | | *For >15 To 40, Deduct* | *-0.77* | |
| | | *For >40, Deduct* | *-2.31* | |
| | | *For Galvanized, Add* | *6.78* | |
| | | *For Aluminum, Add* | *9.25* | |
| | | *For 304 Stainless Steel, Add* | *37.01* | |
| | | *For 316 Stainless Steel, Add* | *42.41* | |

### 05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

| | | | | |
|---|---|---|---|---|
| 05 59 69 00-0041 | SF | 0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels | 12.31 | 3.83 |
| | | *For Up To 2, Add* | *3.48* | |
| | | *For >2 To 6, Add* | *2.00* | |
| | | *For >15 To 40, Deduct* | *-0.36* | |
| | | *For >40, Deduct* | *-1.08* | |
| | | *For Galvanized, Add* | *3.17* | |
| | | *For Aluminum, Add* | *4.33* | |
| | | *For 304 Stainless Steel, Add* | *17.30* | |
| | | *For 316 Stainless Steel, Add* | *19.83* | |
| 05 59 69 00-0042 | SF | 0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels | 13.22 | 3.98 |
| | | *For Up To 2, Add* | *3.70* | |
| | | *For >2 To 6, Add* | *2.12* | |
| | | *For >15 To 40, Deduct* | *-0.40* | |
| | | *For >40, Deduct* | *-1.19* | |
| | | *For Galvanized, Add* | *3.48* | |
| | | *For Aluminum, Add* | *4.75* | |
| | | *For 304 Stainless Steel, Add* | *19.01* | |
| | | *For 316 Stainless Steel, Add* | *21.78* | |
| 05 59 69 00-0043 | SF | 0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels | 13.77 | 4.16 |
| | | *For Up To 2, Add* | *3.86* | |
| | | *For >2 To 6, Add* | *2.21* | |
| | | *For >15 To 40, Deduct* | *-0.41* | |
| | | *For >40, Deduct* | *-1.23* | |
| | | *For Galvanized, Add* | *3.62* | |
| | | *For Aluminum, Add* | *4.93* | |
| | | *For 304 Stainless Steel, Add* | *19.73* | |
| | | *For 316 Stainless Steel, Add* | *22.61* | |
| 05 59 69 00-0044 | SF | 0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels | 14.82 | 4.22 |
| | | *For Up To 2, Add* | *4.09* | |
| | | *For >2 To 6, Add* | *2.33* | |
| | | *For >15 To 40, Deduct* | *-0.46* | |
| | | *For >40, Deduct* | *-1.38* | |
| | | *For Galvanized, Add* | *4.04* | |
| | | *For Aluminum, Add* | *5.51* | |
| | | *For 304 Stainless Steel, Add* | *22.06* | |
| | | *For 316 Stainless Steel, Add* | *25.27* | |
| 05 59 69 00-0045 | SF | 0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels | 16.46 | 4.75 |
| | | *For Up To 2, Add* | *4.56* | |
| | | *For >2 To 6, Add* | *2.60* | |
| | | *For >15 To 40, Deduct* | *-0.51* | |
| | | *For >40, Deduct* | *-1.52* | |
| | | *For Galvanized, Add* | *4.45* | |
| | | *For Aluminum, Add* | *6.07* | |
| | | *For 304 Stainless Steel, Add* | *24.29* | |
| | | *For 316 Stainless Steel, Add* | *27.83* | |
| 05 59 69 00-0046 | SF | 0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels | 18.48 | 5.32 |
| | | *For Up To 2, Add* | *5.12* | |
| | | *For >2 To 6, Add* | *2.91* | |
| | | *For >15 To 40, Deduct* | *-0.57* | |
| | | *For >40, Deduct* | *-1.71* | |
| | | *For Galvanized, Add* | *5.01* | |
| | | *For Aluminum, Add* | *6.83* | |
| | | *For 304 Stainless Steel, Add* | *27.31* | |
| | | *For 316 Stainless Steel, Add* | *31.30* | |
| 05 59 69 00-0047 | SF | 0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels | 21.17 | 5.91 |
| | | *For Up To 2, Add* | *5.81* | |
| | | *For >2 To 6, Add* | *3.30* | |
| | | *For >15 To 40, Deduct* | *-0.66* | |
| | | *For >40, Deduct* | *-1.99* | |
| | | *For Galvanized, Add* | *5.85* | |
| | | *For Aluminum, Add* | *7.97* | |
| | | *For 304 Stainless Steel, Add* | *31.90* | |
| | | *For 316 Stainless Steel, Add* | *36.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 59 69 00-0048 | SF | 0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels | 23.88 | 6.45 |
| | | *For Up To 2, Add* | *6.50* | |
| | | *For >2 To 6, Add* | *3.68* | |
| | | *For >15 To 40, Deduct* | *-0.76* | |
| | | *For >40, Deduct* | *-2.29* | |
| | | *For Galvanized, Add* | *6.72* | |
| | | *For Aluminum, Add* | *9.17* | |
| | | *For 304 Stainless Steel, Add* | *36.67* | |
| | | *For 316 Stainless Steel, Add* | *42.02* | |
| 05 59 69 00-0049 | SF | 0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels | 27.30 | 7.14 |
| | | *For Up To 2, Add* | *7.36* | |
| | | *For >2 To 6, Add* | *4.16* | |
| | | *For >15 To 40, Deduct* | *-0.89* | |
| | | *For >40, Deduct* | *-2.67* | |
| | | *For Galvanized, Add* | *7.83* | |
| | | *For Aluminum, Add* | *10.67* | |
| | | *For 304 Stainless Steel, Add* | *42.70* | |
| | | *For 316 Stainless Steel, Add* | *48.92* | |
| 05 59 69 00-0050 | | 3/4" Square Wire Spacing *(05 59 69 00-0002)* | | |
| 05 59 69 00-0051 | SF | 0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels | 12.48 | 3.82 |
| | | *For Up To 2, Add* | *3.51* | |
| | | *For >2 To 6, Add* | *2.01* | |
| | | *For >15 To 40, Deduct* | *-0.37* | |
| | | *For >40, Deduct* | *-1.11* | |
| | | *For Galvanized, Add* | *3.25* | |
| | | *For Aluminum, Add* | *4.43* | |
| | | *For 304 Stainless Steel, Add* | *17.74* | |
| | | *For 316 Stainless Steel, Add* | *20.32* | |
| 05 59 69 00-0052 | SF | 0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels | 13.93 | 4.28 |
| | | *For Up To 2, Add* | *3.93* | |
| | | *For >2 To 6, Add* | *2.25* | |
| | | *For >15 To 40, Deduct* | *-0.41* | |
| | | *For >40, Deduct* | *-1.23* | |
| | | *For Galvanized, Add* | *3.62* | |
| | | *For Aluminum, Add* | *4.93* | |
| | | *For 304 Stainless Steel, Add* | *19.73* | |
| | | *For 316 Stainless Steel, Add* | *22.61* | |
| 05 59 69 00-0053 | SF | 0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels | 15.38 | 4.84 |
| | | *For Up To 2, Add* | *4.36* | |
| | | *For >2 To 6, Add* | *2.50* | |
| | | *For >15 To 40, Deduct* | *-0.45* | |
| | | *For >40, Deduct* | *-1.34* | |
| | | *For Galvanized, Add* | *3.93* | |
| | | *For Aluminum, Add* | *5.36* | |
| | | *For 304 Stainless Steel, Add* | *21.46* | |
| | | *For 316 Stainless Steel, Add* | *24.59* | |
| 05 59 69 00-0054 | SF | 0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels | 16.66 | 5.15 |
| | | *For Up To 2, Add* | *4.71* | |
| | | *For >2 To 6, Add* | *2.70* | |
| | | *For >15 To 40, Deduct* | *-0.49* | |
| | | *For >40, Deduct* | *-1.47* | |
| | | *For Galvanized, Add* | *4.30* | |
| | | *For Aluminum, Add* | *5.87* | |
| | | *For 304 Stainless Steel, Add* | *23.47* | |
| | | *For 316 Stainless Steel, Add* | *26.90* | |
| 05 59 69 00-0055 | SF | 0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels | 19.31 | 5.80 |
| | | *For Up To 2, Add* | *5.41* | |
| | | *For >2 To 6, Add* | *3.09* | |
| | | *For >15 To 40, Deduct* | *-0.58* | |
| | | *For >40, Deduct* | *-1.74* | |
| | | *For Galvanized, Add* | *5.09* | |
| | | *For Aluminum, Add* | *6.94* | |
| | | *For 304 Stainless Steel, Add* | *27.77* | |
| | | *For 316 Stainless Steel, Add* | *31.82* | |
| 05 59 69 00-0056 | SF | 0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels | 22.25 | 6.49 |
| | | *For Up To 2, Add* | *6.18* | |
| | | *For >2 To 6, Add* | *3.52* | |
| | | *For >15 To 40, Deduct* | *-0.68* | |
| | | *For >40, Deduct* | *-2.04* | |
| | | *For Galvanized, Add* | *5.99* | |
| | | *For Aluminum, Add* | *8.17* | |
| | | *For 304 Stainless Steel, Add* | *32.66* | |
| | | *For 316 Stainless Steel, Add* | *37.43* | |
| 05 59 69 00-0057 | SF | 0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels | 25.40 | 7.17 |
| | | *For Up To 2, Add* | *6.99* | |
| | | *For >2 To 6, Add* | *3.97* | |
| | | *For >15 To 40, Deduct* | *-0.79* | |
| | | *For >40, Deduct* | *-2.38* | |
| | | *For Galvanized, Add* | *6.97* | |
| | | *For Aluminum, Add* | *9.50* | |
| | | *For 304 Stainless Steel, Add* | *38.02* | |
| | | *For 316 Stainless Steel, Add* | *43.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 59 69 00-0058 | SF | 0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels | 28.52 | 7.80 |
| | | *For Up To 2, Add* | *7.78* | |
| | | *For >2 To 6, Add* | *4.41* | |
| | | *For >15 To 40, Deduct* | *-0.91* | |
| | | *For >40, Deduct* | *-2.72* | |
| | | *For Galvanized, Add* | *7.98* | |
| | | *For Aluminum, Add* | *10.88* | |
| | | *For 304 Stainless Steel, Add* | *43.51* | |
| | | *For 316 Stainless Steel, Add* | *49.86* | |
| 05 59 69 00-0059 | SF | 0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels | 32.59 | 8.62 |
| | | *For Up To 2, Add* | *8.82* | |
| | | *For >2 To 6, Add* | *4.98* | |
| | | *For >15 To 40, Deduct* | *-1.06* | |
| | | *For >40, Deduct* | *-3.17* | |
| | | *For Galvanized, Add* | *9.28* | |
| | | *For Aluminum, Add* | *12.66* | |
| | | *For 304 Stainless Steel, Add* | *50.64* | |
| | | *For 316 Stainless Steel, Add* | *58.03* | |

### 05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

| | | | | |
|---|---|---|---|---|
| 05 59 69 00-0061 | SF | 0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels | 13.00 | 4.08 |
| | | *For Up To 2, Add* | *3.69* | |
| | | *For >2 To 6, Add* | *2.12* | |
| | | *For >15 To 40, Deduct* | *-0.38* | |
| | | *For >40, Deduct* | *-1.13* | |
| | | *For Galvanized, Add* | *3.32* | |
| | | *For Aluminum, Add* | *4.53* | |
| | | *For 304 Stainless Steel, Add* | *18.12* | |
| | | *For 316 Stainless Steel, Add* | *20.76* | |
| 05 59 69 00-0062 | SF | 0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels | 15.17 | 4.96 |
| | | *For Up To 2, Add* | *4.36* | |
| | | *For >2 To 6, Add* | *2.51* | |
| | | *For >15 To 40, Deduct* | *-0.43* | |
| | | *For >40, Deduct* | *-1.28* | |
| | | *For Galvanized, Add* | *3.76* | |
| | | *For Aluminum, Add* | *5.12* | |
| | | *For 304 Stainless Steel, Add* | *20.50* | |
| | | *For 316 Stainless Steel, Add* | *23.49* | |
| 05 59 69 00-0063 | SF | 0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels | 18.36 | 5.88 |
| | | *For Up To 2, Add* | *5.24* | |
| | | *For >2 To 6, Add* | *3.01* | |
| | | *For >15 To 40, Deduct* | *-0.53* | |
| | | *For >40, Deduct* | *-1.58* | |
| | | *For Galvanized, Add* | *4.63* | |
| | | *For Aluminum, Add* | *6.32* | |
| | | *For 304 Stainless Steel, Add* | *25.27* | |
| | | *For 316 Stainless Steel, Add* | *28.96* | |
| 05 59 69 00-0064 | SF | 0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels | 21.22 | 6.59 |
| | | *For Up To 2, Add* | *6.00* | |
| | | *For >2 To 6, Add* | *3.44* | |
| | | *For >15 To 40, Deduct* | *-0.62* | |
| | | *For >40, Deduct* | *-1.86* | |
| | | *For Galvanized, Add* | *5.47* | |
| | | *For Aluminum, Add* | *7.46* | |
| | | *For 304 Stainless Steel, Add* | *29.83* | |
| | | *For 316 Stainless Steel, Add* | *34.18* | |
| 05 59 69 00-0065 | SF | 0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels | 24.43 | 7.36 |
| | | *For Up To 2, Add* | *6.85* | |
| | | *For >2 To 6, Add* | *3.91* | |
| | | *For >15 To 40, Deduct* | *-0.73* | |
| | | *For >40, Deduct* | *-2.19* | |
| | | *For Galvanized, Add* | *6.43* | |
| | | *For Aluminum, Add* | *8.77* | |
| | | *For 304 Stainless Steel, Add* | *35.09* | |
| | | *For 316 Stainless Steel, Add* | *40.21* | |
| 05 59 69 00-0066 | SF | 0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels | 28.07 | 8.20 |
| | | *For Up To 2, Add* | *7.80* | |
| | | *For >2 To 6, Add* | *4.45* | |
| | | *For >15 To 40, Deduct* | *-0.86* | |
| | | *For >40, Deduct* | *-2.57* | |
| | | *For Galvanized, Add* | *7.54* | |
| | | *For Aluminum, Add* | *10.28* | |
| | | *For 304 Stainless Steel, Add* | *41.14* | |
| | | *For 316 Stainless Steel, Add* | *47.14* | |
| 05 59 69 00-0067 | SF | 0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels | 31.84 | 9.02 |
| | | *For Up To 2, Add* | *8.77* | |
| | | *For >2 To 6, Add* | *4.99* | |
| | | *For >15 To 40, Deduct* | *-0.99* | |
| | | *For >40, Deduct* | *-2.97* | |
| | | *For Galvanized, Add* | *8.73* | |
| | | *For Aluminum, Add* | *11.90* | |
| | | *For 304 Stainless Steel, Add* | *47.59* | |
| | | *For 316 Stainless Steel, Add* | *54.53* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 59 69 00-0068 | SF | 0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels | 35.65 | 9.77 |
| | | *For Up To 2, Add* | *9.73* | |
| | | *For >2 To 6, Add* | *5.52* | |
| | | *For >15 To 40, Deduct* | *-1.13* | |
| | | *For >40, Deduct* | *-3.39* | |
| | | *For Galvanized, Add* | *9.96* | |
| | | *For Aluminum, Add* | *13.58* | |
| | | *For 304 Stainless Steel, Add* | *54.31* | |
| | | *For 316 Stainless Steel, Add* | *62.23* | |
| 05 59 69 00-0069 | SF | 0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels | 36.96 | 10.75 |
| | | *For Up To 2, Add* | *10.26* | |
| | | *For >2 To 6, Add* | *5.85* | |
| | | *For >15 To 40, Deduct* | *-1.13* | |
| | | *For >40, Deduct* | *-3.39* | |
| | | *For Galvanized, Add* | *9.96* | |
| | | *For Aluminum, Add* | *13.58* | |
| | | *For 304 Stainless Steel, Add* | *54.31* | |
| | | *For 316 Stainless Steel, Add* | *62.23* | |

### 05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

### 05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

| | | | | |
|---|---|---|---|---|
| 05 59 69 00-0072 | SF | 1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF | 10.45 | 3.52 |
| | | *For Galvanized, Add* | *2.53* | |
| | | *For Aluminum, Add* | *3.46* | |
| | | *For 304 Stainless Steel, Add* | *13.82* | |
| | | *For 316 Stainless Steel, Add* | *15.84* | |
| 05 59 69 00-0073 | SF | 1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF | 13.28 | 3.85 |
| | | *For Galvanized, Add* | *3.58* | |
| | | *For Aluminum, Add* | *4.88* | |
| | | *For 304 Stainless Steel, Add* | *19.54* | |
| | | *For 316 Stainless Steel, Add* | *22.39* | |
| 05 59 69 00-0074 | SF | 1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF | 7.49 | 2.72 |
| | | *For Galvanized, Add* | *1.70* | |
| | | *For Aluminum, Add* | *2.32* | |
| | | *For 304 Stainless Steel, Add* | *9.26* | |
| | | *For 316 Stainless Steel, Add* | *10.62* | |
| 05 59 69 00-0075 | SF | 1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF | 8.18 | 2.97 |
| | | *For Galvanized, Add* | *1.86* | |
| | | *For Aluminum, Add* | *2.54* | |
| | | *For 304 Stainless Steel, Add* | *10.15* | |
| | | *For 316 Stainless Steel, Add* | *11.63* | |
| 05 59 69 00-0076 | SF | 1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF | 9.21 | 3.52 |
| | | *For Galvanized, Add* | *1.99* | |
| | | *For Aluminum, Add* | *2.71* | |
| | | *For 304 Stainless Steel, Add* | *10.85* | |
| | | *For 316 Stainless Steel, Add* | *12.43* | |
| 05 59 69 00-0077 | SF | 1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF | 11.79 | 4.54 |
| | | *For Galvanized, Add* | *2.53* | |
| | | *For Aluminum, Add* | *3.44* | |
| | | *For 304 Stainless Steel, Add* | *13.78* | |
| | | *For 316 Stainless Steel, Add* | *15.79* | |
| 05 59 69 00-0078 | SF | 3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF | 6.46 | 2.67 |
| | | *For Galvanized, Add* | *1.27* | |
| | | *For Aluminum, Add* | *1.73* | |
| | | *For 304 Stainless Steel, Add* | *6.94* | |
| | | *For 316 Stainless Steel, Add* | *7.95* | |
| 05 59 69 00-0079 | SF | 3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF | 7.27 | 2.86 |
| | | *For Galvanized, Add* | *1.51* | |
| | | *For Aluminum, Add* | *2.06* | |
| | | *For 304 Stainless Steel, Add* | *8.26* | |
| | | *For 316 Stainless Steel, Add* | *9.46* | |
| 05 59 69 00-0080 | SF | 3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF | 8.31 | 3.22 |
| | | *For Galvanized, Add* | *1.77* | |
| | | *For Aluminum, Add* | *2.41* | |
| | | *For 304 Stainless Steel, Add* | *9.65* | |
| | | *For 316 Stainless Steel, Add* | *11.06* | |
| 05 59 69 00-0081 | SF | 3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF | 13.04 | 5.32 |
| | | *For Galvanized, Add* | *2.61* | |
| | | *For Aluminum, Add* | *3.56* | |
| | | *For 304 Stainless Steel, Add* | *14.26* | |
| | | *For 316 Stainless Steel, Add* | *16.34* | |
| 05 59 69 00-0082 | SF | 1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF | 7.15 | 3.26 |
| | | *For Galvanized, Add* | *1.23* | |
| | | *For Aluminum, Add* | *1.67* | |
| | | *For 304 Stainless Steel, Add* | *6.70* | |
| | | *For 316 Stainless Steel, Add* | *7.67* | |
| 05 59 69 00-0083 | SF | 1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF | 6.24 | 2.57 |
| | | *For Galvanized, Add* | *1.24* | |
| | | *For Aluminum, Add* | *1.69* | |
| | | *For 304 Stainless Steel, Add* | *6.74* | |
| | | *For 316 Stainless Steel, Add* | *7.73* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 59 69 00-0084 | SF | 1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF | 7.18 | 3.02 |
| | | *For Galvanized, Add* | *1.39* | |
| | | *For Aluminum, Add* | *1.90* | |
| | | *For 304 Stainless Steel, Add* | *7.58* | |
| | | *For 316 Stainless Steel, Add* | *8.69* | |
| 05 59 69 00-0085 | SF | 1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF | 11.28 | 4.08 |
| | | *For Galvanized, Add* | *2.57* | |
| | | *For Aluminum, Add* | *3.50* | |
| | | *For 304 Stainless Steel, Add* | *13.99* | |
| | | *For 316 Stainless Steel, Add* | *16.03* | |

## 05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

### 05 71 Decorative Metal Stairs *(05 70)*

#### 05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 05 71 13 00-0003 | VLF | 3'-6" Diameter, Spiral Steel Stair With Rails | 375.85 | 46.85 |
| | | *For Galvanized, Add* | *197.50* | |
| 05 71 13 00-0004 | VLF | 4' Diameter, Spiral Steel Stair With Rails | 427.87 | 51.54 |
| | | *For Galvanized, Add* | *227.35* | |
| 05 71 13 00-0005 | VLF | 4'-6" Diameter, Spiral Steel Stair With Rails | 473.33 | 56.23 |
| | | *For Galvanized, Add* | *252.62* | |
| 05 71 13 00-0006 | VLF | 5' Diameter, Spiral Steel Stair With Rails | 507.30 | 60.91 |
| | | *For Galvanized, Add* | *269.84* | |

### 05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

#### 05 73 23 Decorative Metal Railings *(05 73)*

05 73 23 00-0001 Railings; Vertical Square Bars At 6" *(05 73 23)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

| | | | | |
|---|---|---|---|---|
| 05 73 23 00-0002 | LF | Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High | 65.01 | 10.31 |
| | | *For Rake Or Angle Railings, Add* | *9.03* | |
| | | *For Curved Railings, Add* | *17.27* | |
| | | *For 4" On Center Standards, Add* | *1.76* | |
| | | *For 4-1/2" On Center Standards, Add* | *1.41* | |
| | | *For 5" On Center Standards, Add* | *0.94* | |
| | | *For 5-1/2" On Center Standards, Add* | *0.47* | |
| | | *For Each Field Bending Of Rails, Add* | *12.88* | |
| | | *For Galvanized, Add* | *3.29* | |
| 05 73 23 00-0003 | LF | Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High | 125.31 | 14.06 |
| | | *For Rake Or Angle Railings, Add* | *14.78* | |
| | | *For Curved Railings, Add* | *40.62* | |
| | | *For 4" On Center Standards, Add* | *5.12* | |
| | | *For 4-1/2" On Center Standards, Add* | *4.09* | |
| | | *For 5" On Center Standards, Add* | *2.73* | |
| | | *For 5-1/2" On Center Standards, Add* | *1.36* | |
| | | *For Each Field Bending Of Rails, Add* | *16.78* | |
| 05 73 23 00-0004 | LF | Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High | 228.36 | 23.42 |
| | | *For Rake Or Angle Railings, Add* | *24.47* | |
| | | *For Curved Railings, Add* | *80.94* | |
| | | *For 4" On Center Standards, Add* | *10.94* | |
| | | *For 4-1/2" On Center Standards, Add* | *8.75* | |
| | | *For 5" On Center Standards, Add* | *5.84* | |
| | | *For 5-1/2" On Center Standards, Add* | *2.92* | |
| | | *For Each Field Bending Of Rails, Add* | *23.12* | |
| 05 73 23 00-0005 | LF | Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High | 223.36 | 18.75 |
| | | *For Rake Or Angle Railings, Add* | *23.42* | |
| | | *For Curved Railings, Add* | *80.62* | |
| | | *For 4" On Center Standards, Add* | *11.04* | |
| | | *For 4-1/2" On Center Standards, Add* | *8.84* | |
| | | *For 5" On Center Standards, Add* | *5.89* | |
| | | *For 5-1/2" On Center Standards, Add* | *2.95* | |
| | | *For Each Field Bending Of Rails, Add* | *21.53* | |
| 05 73 23 00-0006 | LF | Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High | 202.93 | 28.58 |
| | | *For Rake Or Angle Railings, Add* | *19.91* | |
| | | *For Curved Railings, Add* | *77.08* | |
| | | *For 4" On Center Standards, Add* | *10.93* | |
| | | *For 4-1/2" On Center Standards, Add* | *8.75* | |
| | | *For 5" On Center Standards, Add* | *5.83* | |
| | | *For 5-1/2" On Center Standards, Add* | *2.92* | |
| | | *For Each Field Bending Of Rails, Add* | *16.79* | |

05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73 23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 73 23 00-0008 | LF | 2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports | 150.47 | 4.69 |
| | | *For Rake Or Angle Railings, Add* | *11.83* | |
| | | *For Curved Railings, Add* | *65.39* | |
| | | *For 4" On Center Standards, Add* | *10.04* | |
| | | *For 4-1/2" On Center Standards, Add* | *8.03* | |
| | | *For 5" On Center Standards, Add* | *5.35* | |
| | | *For 5-1/2" On Center Standards, Add* | *2.68* | |
| | | *For Each Field Bending Of Rails, Add* | *6.67* | |

### 05 73 23 00-0009 Plain Handrails *(05 73 23)*

| | | | | |
|---|---|---|---|---|
| 05 73 23 00-0010 | LF | 2" Brass Handrail | 50.30 | 9.87 |
| 05 73 23 00-0011 | EA | 90 Degree Angle For 2" Brass Handrail | 108.62 | 39.03 |
| 05 73 23 00-0012 | EA | End Cap For 2" Brass Handrail | 49.10 | 19.56 |
| 05 73 23 00-0013 | EA | Brass Bracket And Joint For 2" Brass Handrail | 81.99 | 39.03 |
| 05 73 23 00-0014 | LF | 2" Stainless Steel Handrail | 54.85 | 12.33 |

### 05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73 23)*

Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0380 for painting.

| | | | | |
|---|---|---|---|---|
| 05 73 23 00-0016 | LF | Refinish Metal Handrail | 8.14 | |
| 05 73 23 00-0017 | LF | Refinish Wrought Iron Balustrade | 8.10 | |

### 05 73 23 00-0018 Remove/Reinstall Ornamental Railing *(05 73 23)*

| | | | | |
|---|---|---|---|---|
| 05 73 23 00-0019 | LF | Removal And Reinstallation Of Ornamental Handrail And Pickets | 86.21 | |

## 05 75 Decorative Formed Metal *(05 70)*

### 05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.

### 05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

| | | | | |
|---|---|---|---|---|
| 05 75 00 00-0003 | SF | 0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls | 23.23 | 1.69 |
| | | *For >16 To 200, Deduct* | *-1.29* | |
| | | *For >200 To 500, Deduct* | *-2.58* | |
| | | *For >500, Deduct* | *-3.74* | |
| 05 75 00 00-0004 | SF | 0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls | 29.19 | 1.89 |
| | | *For >16 To 200, Deduct* | *-1.60* | |
| | | *For >200 To 500, Deduct* | *-3.20* | |
| | | *For >500, Deduct* | *-4.66* | |
| 05 75 00 00-0005 | SF | 0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls | 31.97 | 2.03 |
| | | *For >16 To 200, Deduct* | *-1.75* | |
| | | *For >200 To 500, Deduct* | *-3.50* | |
| | | *For >500, Deduct* | *-5.10* | |
| 05 75 00 00-0006 | SF | 0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls | 34.57 | 2.15 |
| | | *For >16 To 200, Deduct* | *-1.89* | |
| | | *For >200 To 500, Deduct* | *-3.78* | |
| | | *For >500, Deduct* | *-5.51* | |
| 05 75 00 00-0007 | SF | 0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls | 39.55 | 2.24 |
| | | *For >16 To 200, Deduct* | *-2.15* | |
| | | *For >200 To 500, Deduct* | *-4.29* | |
| | | *For >500, Deduct* | *-6.27* | |
| 05 75 00 00-0008 | SF | 0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls | 50.47 | 2.34 |
| | | *For >16 To 200, Deduct* | *-2.70* | |
| | | *For >200 To 500, Deduct* | *-5.40* | |
| | | *For >500, Deduct* | *-7.92* | |
| 05 75 00 00-0009 | SF | 0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls | 59.37 | 2.44 |
| | | *For >16 To 200, Deduct* | *-3.15* | |
| | | *For >200 To 500, Deduct* | *-6.30* | |
| | | *For >500, Deduct* | *-9.27* | |
| 05 75 00 00-0010 | SF | 0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls | 72.12 | 2.65 |
| | | *For >16 To 200, Deduct* | *-3.81* | |
| | | *For >200 To 500, Deduct* | *-7.61* | |
| | | *For >500, Deduct* | *-11.22* | |
| 05 75 00 00-0011 | SF | 0.08" Thick Copper Sheet, Installed On Walls | 88.87 | 2.84 |
| | | *For >16 To 200, Deduct* | *-4.66* | |
| | | *For >200 To 500, Deduct* | *-9.32* | |
| | | *For >500, Deduct* | *-13.76* | |
| 05 75 00 00-0012 | SF | 0.125" Thick Copper Sheet, Installed On Walls | 131.33 | 3.06 |
| | | *For >16 To 200, Deduct* | *-6.80* | |
| | | *For >200 To 500, Deduct* | *-13.59* | |
| | | *For >500, Deduct* | *-20.16* | |

### 05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

| | | | | |
|---|---|---|---|---|
| 05 75 00 00-0014 | SF | 0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 14.22 | 2.08 |
| | | *For >16 To 200, Deduct* | *-0.87* | |
| | | *For >200 To 500, Deduct* | *-1.73* | |
| | | *For >500, Deduct* | *-2.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 75 00 00-0015 | SF | 0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 16.15 | 2.24 |
| | | *For >16 To 200, Deduct* | *-0.98* | |
| | | *For >200 To 500, Deduct* | *-1.95* | |
| | | *For >500, Deduct* | *-2.76* | |
| 05 75 00 00-0016 | SF | 0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 17.62 | 2.36 |
| | | *For >16 To 200, Deduct* | *-1.06* | |
| | | *For >200 To 500, Deduct* | *-2.12* | |
| | | *For >500, Deduct* | *-3.00* | |
| 05 75 00 00-0017 | SF | 0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 20.80 | 2.46 |
| | | *For >16 To 200, Deduct* | *-1.23* | |
| | | *For >200 To 500, Deduct* | *-2.45* | |
| | | *For >500, Deduct* | *-3.49* | |
| 05 75 00 00-0018 | SF | 0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 23.90 | 2.58 |
| | | *For >16 To 200, Deduct* | *-1.39* | |
| | | *For >200 To 500, Deduct* | *-2.78* | |
| | | *For >500, Deduct* | *-3.97* | |
| 05 75 00 00-0019 | SF | 0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 27.81 | 2.69 |
| | | *For >16 To 200, Deduct* | *-1.59* | |
| | | *For >200 To 500, Deduct* | *-3.19* | |
| | | *For >500, Deduct* | *-4.58* | |
| 05 75 00 00-0020 | SF | 0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 40.42 | 3.14 |
| | | *For >16 To 200, Deduct* | *-2.26* | |
| | | *For >200 To 500, Deduct* | *-4.51* | |
| | | *For >500, Deduct* | *-6.53* | |
| 05 75 00 00-0021 | SF | 3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 55.17 | 3.33 |
| | | *For >16 To 200, Deduct* | *-3.01* | |
| | | *For >200 To 500, Deduct* | *-6.02* | |
| | | *For >500, Deduct* | *-8.78* | |
| 05 75 00 00-0022 | SF | 1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls | 75.83 | 4.04 |
| | | *For >16 To 200, Deduct* | *-4.09* | |
| | | *For >200 To 500, Deduct* | *-8.19* | |
| | | *For >500, Deduct* | *-11.98* | |
| 05 75 00 00-0023 | SF | 3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls | 128.11 | 4.33 |
| | | *For >16 To 200, Deduct* | *-6.73* | |
| | | *For >200 To 500, Deduct* | *-13.46* | |
| | | *For >500, Deduct* | *-19.87* | |
| 05 75 00 00-0024 | SF | 1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls | 164.19 | 5.04 |
| | | *For >16 To 200, Deduct* | *-8.59* | |
| | | *For >200 To 500, Deduct* | *-17.18* | |
| | | *For >500, Deduct* | *-25.39* | |

### 05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

| | | | | |
|---|---|---|---|---|
| 05 75 00 00-0026 | SF | 0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls | 8.06 | 1.69 |
| | | *For >16 To 200, Deduct* | *-0.53* | |
| | | *For >200 To 500, Deduct* | *-1.06* | |
| | | *For >500, Deduct* | *-1.46* | |
| 05 75 00 00-0027 | SF | 0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls | 9.17 | 1.89 |
| | | *For >16 To 200, Deduct* | *-0.60* | |
| | | *For >200 To 500, Deduct* | *-1.20* | |
| | | *For >500, Deduct* | *-1.66* | |
| 05 75 00 00-0028 | SF | 0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls | 10.23 | 2.03 |
| | | *For >16 To 200, Deduct* | *-0.66* | |
| | | *For >200 To 500, Deduct* | *-1.33* | |
| | | *For >500, Deduct* | *-1.84* | |
| 05 75 00 00-0029 | SF | 0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls | 11.35 | 2.15 |
| | | *For >16 To 200, Deduct* | *-0.73* | |
| | | *For >200 To 500, Deduct* | *-1.46* | |
| | | *For >500, Deduct* | *-2.02* | |
| 05 75 00 00-0030 | SF | 0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls | 12.44 | 2.24 |
| | | *For >16 To 200, Deduct* | *-0.79* | |
| | | *For >200 To 500, Deduct* | *-1.58* | |
| | | *For >500, Deduct* | *-2.20* | |
| 05 75 00 00-0031 | SF | 0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls | 13.66 | 2.34 |
| | | *For >16 To 200, Deduct* | *-0.86* | |
| | | *For >200 To 500, Deduct* | *-1.72* | |
| | | *For >500, Deduct* | *-2.40* | |
| 05 75 00 00-0032 | SF | 0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls | 15.16 | 2.44 |
| | | *For >16 To 200, Deduct* | *-0.94* | |
| | | *For >200 To 500, Deduct* | *-1.88* | |
| | | *For >500, Deduct* | *-2.64* | |
| 05 75 00 00-0033 | SF | 0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls | 18.04 | 2.84 |
| | | *For >16 To 200, Deduct* | *-1.12* | |
| | | *For >200 To 500, Deduct* | *-2.23* | |
| | | *For >500, Deduct* | *-3.13* | |

### 05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

| | | | | |
|---|---|---|---|---|
| 05 75 00 00-0035 | SF | 0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 8.26 | 1.69 |
| | | *For >16 To 200, Deduct* | *-0.54* | |
| | | *For >200 To 500, Deduct* | *-1.08* | |
| | | *For >500, Deduct* | *-1.49* | |
| 05 75 00 00-0036 | SF | 0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 9.16 | 1.89 |
| | | *For >16 To 200, Deduct* | *-0.60* | |
| | | *For >200 To 500, Deduct* | *-1.20* | |
| | | *For >500, Deduct* | *-1.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 05 75 00 00-0037 | SF | 0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 9.69 | 2.03 |
| | | *For >16 To 200, Deduct* | *-0.64* | |
| | | *For >200 To 500, Deduct* | *-1.28* | |
| | | *For >500, Deduct* | *-1.76* | |
| 05 75 00 00-0038 | SF | 0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 10.33 | 2.15 |
| | | *For >16 To 200, Deduct* | *-0.68* | |
| | | *For >200 To 500, Deduct* | *-1.35* | |
| | | *For >500, Deduct* | *-1.87* | |
| 05 75 00 00-0039 | SF | 0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 11.19 | 2.24 |
| | | *For >16 To 200, Deduct* | *-0.73* | |
| | | *For >200 To 500, Deduct* | *-1.46* | |
| | | *For >500, Deduct* | *-2.01* | |
| 05 75 00 00-0040 | SF | 0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 12.15 | 2.34 |
| | | *For >16 To 200, Deduct* | *-0.78* | |
| | | *For >200 To 500, Deduct* | *-1.57* | |
| | | *For >500, Deduct* | *-2.17* | |
| 05 75 00 00-0041 | SF | 0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 13.77 | 2.44 |
| | | *For >16 To 200, Deduct* | *-0.87* | |
| | | *For >200 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.43* | |
| 05 75 00 00-0042 | SF | 0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 16.02 | 2.65 |
| | | *For >16 To 200, Deduct* | *-1.00* | |
| | | *For >200 To 500, Deduct* | *-2.00* | |
| | | *For >500, Deduct* | *-2.80* | |
| 05 75 00 00-0043 | SF | 0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls | 18.45 | 3.06 |
| | | *For >16 To 200, Deduct* | *-1.15* | |
| | | *For >200 To 500, Deduct* | *-2.30* | |
| | | *For >500, Deduct* | *-3.23* | |

### 05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

| | | | | |
|---|---|---|---|---|
| 05 75 00 00-0045 | SF | 0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls | 9.51 | 1.61 |
| | | *For >16 To 200, Deduct* | *-0.64* | |
| | | *For >200 To 500, Deduct* | *-1.27* | |
| | | *For >500, Deduct* | *-1.75* | |
| 05 75 00 00-0046 | SF | 0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls | 10.99 | 1.82 |
| | | *For >16 To 200, Deduct* | *-0.73* | |
| | | *For >200 To 500, Deduct* | *-1.46* | |
| | | *For >500, Deduct* | *-2.01* | |
| 05 75 00 00-0047 | SF | 0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls | 12.45 | 2.02 |
| | | *For >16 To 200, Deduct* | *-0.82* | |
| | | *For >200 To 500, Deduct* | *-1.65* | |
| | | *For >500, Deduct* | *-2.27* | |
| 05 75 00 00-0048 | SF | 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls | 13.76 | 2.19 |
| | | *For >16 To 200, Deduct* | *-0.91* | |
| | | *For >200 To 500, Deduct* | *-1.81* | |
| | | *For >500, Deduct* | *-2.50* | |

**END OF SECTION 05**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 06 Wood, Plastics, and Composites

## 06 01 Maintenance of Wood, Plastics, and Composites *(06)*

### 06 01 20 Maintenance of Finish Carpentry *(06 01)*

#### 06 01 20 91 Finish Carpentry Restoration *(06 01 20)*

##### 06 01 20 91-0001 Wood Trim Repair *(06 01 20 91)*

| | | | | |
|---|---|---|---|---|
| 06 01 20 91-0002 | SF | Restoration Of Existing Decorative Woodwork<br>Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing. | 6.64 | |

### 06 01 40 Maintenance of Architectural Woodwork *(06 01)*

#### 06 01 40 91 Architectural Woodwork Restoration *(06 01 40)*

##### 06 01 40 91-0001 Cabinet Hardware Replacement *(06 01 40 91)*

| | | | | |
|---|---|---|---|---|
| 06 01 40 91-0002 | EA | Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges | 36.14 | |
| 06 01 40 91-0003 | EA | Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges | 33.57 | |

## 06 05 Common Work Results for Wood, Plastics, and Composites *(06)*

### 06 05 23 Wood, Plastic, and Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

#### 06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*

Note: Threaded on two ends with two nuts and flat washers.

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0002 | EA | 1/2" Diameter x 4" Long, Threaded Anchor Bolt | 10.69 | |
| | | *For >10 To 50, Deduct* | *-0.31* | |
| | | *For >50 To 100, Deduct* | *-0.73* | |
| | | *For >100 To 250, Deduct* | *-1.45* | |
| | | *For >250 To 500, Deduct* | *-2.49* | |
| | | *For >500, Deduct* | *-3.52* | |
| 06 05 23 00-0003 | EA | 1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt | 14.56 | |
| | | *For >10 To 50, Deduct* | *-0.33* | |
| | | *For >50 To 100, Deduct* | *-0.86* | |
| | | *For >100 To 250, Deduct* | *-1.72* | |
| | | *For >250 To 500, Deduct* | *-2.91* | |
| | | *For >500, Deduct* | *-4.10* | |
| 06 05 23 00-0004 | EA | 3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt | 16.13 | |
| | | *For >10 To 50, Deduct* | *-0.33* | |
| | | *For >50 To 100, Deduct* | *-0.90* | |
| | | *For >100 To 250, Deduct* | *-1.80* | |
| | | *For >250 To 500, Deduct* | *-3.03* | |
| | | *For >500, Deduct* | *-4.26* | |
| 06 05 23 00-0005 | EA | 3/4" Diameter x 12" Long, Threaded Anchor Bolt | 32.75 | |
| | | *For >10 To 50, Deduct* | *-0.45* | |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 250, Deduct* | *-2.99* | |
| | | *For >250 To 500, Deduct* | *-4.94* | |
| | | *For >500, Deduct* | *-6.89* | |

#### 06 05 23 00-0006 Framing Anchors *(06 05 23)*

Note: Including nails.

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0007 | EA | 1-7/16" x 2-1/2" Galvanized Framing Angle Anchor (Simpson A34) | 5.52 | 2.57 |
| | | *For >10 To 50, Deduct* | *-0.25* | |
| | | *For >50 To 100, Deduct* | *-0.51* | |
| | | *For >100 To 250, Deduct* | *-1.01* | |
| | | *For >250 To 500, Deduct* | *-1.76* | |
| | | *For >500, Deduct* | *-2.51* | |

#### 06 05 23 00-0008 Hold Down Anchors *(06 05 23)*

Note: Including nails.

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0009 | EA | 8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Hold Downs (Simpson Strong Tie® HD3B) | 41.76 | |
| | | *For >10 To 50, Deduct* | *-1.33* | |
| | | *For >50 To 100, Deduct* | *-3.04* | |
| | | *For >100 To 250, Deduct* | *-6.08* | |
| | | *For >250 To 500, Deduct* | *-10.45* | |
| | | *For >500, Deduct* | *-14.82* | |
| 06 05 23 00-0010 | EA | 9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs (Simpson Strong Tie® HD5B) | 64.25 | |
| | | *For >10 To 50, Deduct* | *-1.33* | |
| | | *For >50 To 100, Deduct* | *-3.60* | |
| | | *For >100 To 250, Deduct* | *-7.20* | |
| | | *For >250 To 500, Deduct* | *-12.14* | |
| | | *For >500, Deduct* | *-17.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0011 | EA | 12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs (Simpson Strong Tie® HD7B) | 73.44 | |
| | | *For >10 To 50, Deduct* | *-1.46* | |
| | | *For >50 To 100, Deduct* | *-4.03* | |
| | | *For >100 To 250, Deduct* | *-8.05* | |
| | | *For >250 To 500, Deduct* | *-13.54* | |
| | | *For >500, Deduct* | *-19.02* | |
| 06 05 23 00-0012 | EA | 14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Hold Downs (Simpson Strong Tie® HD9B) | 91.47 | |
| | | *For >10 To 50, Deduct* | *-1.63* | |
| | | *For >50 To 100, Deduct* | *-4.73* | |
| | | *For >100 To 250, Deduct* | *-9.47* | |
| | | *For >250 To 500, Deduct* | *-15.83* | |
| | | *For >500, Deduct* | *-22.20* | |
| 06 05 23 00-0013 | EA | 20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs (Simpson Strong Tie® HD12) | 194.24 | |
| | | *For >10 To 50, Deduct* | *-2.06* | |
| | | *For >50 To 100, Deduct* | *-7.95* | |
| | | *For >100 To 250, Deduct* | *-15.89* | |
| | | *For >250 To 500, Deduct* | *-25.90* | |
| | | *For >500, Deduct* | *-35.91* | |
| 06 05 23 00-0014 | EA | 24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs (Simpson Strong Tie® HD19) | 225.99 | |
| | | *For >10 To 50, Deduct* | *-2.15* | |
| | | *For >50 To 100, Deduct* | *-8.87* | |
| | | *For >100 To 250, Deduct* | *-17.74* | |
| | | *For >250 To 500, Deduct* | *-28.75* | |
| | | *For >500, Deduct* | *-39.77* | |

## 06 05 23 00-0015 Joist And Beam Hangers *(06 05 23)*

Note: Including nails.

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0016 | EA | 18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers | 5.54 | 2.40 |
| | | *For >10 To 50, Deduct* | *-0.25* | |
| | | *For >50 To 100, Deduct* | *-0.51* | |
| | | *For >100 To 250, Deduct* | *-1.01* | |
| | | *For >250 To 500, Deduct* | *-1.76* | |
| | | *For >500, Deduct* | *-2.51* | |
| 06 05 23 00-0017 | EA | 18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers | 6.36 | 2.40 |
| | | *For >10 To 50, Deduct* | *-0.26* | |
| | | *For >50 To 100, Deduct* | *-0.55* | |
| | | *For >100 To 250, Deduct* | *-1.10* | |
| | | *For >250 To 500, Deduct* | *-1.91* | |
| | | *For >500, Deduct* | *-2.72* | |
| 06 05 23 00-0018 | EA | 16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers | 8.20 | 2.40 |
| | | *For >10 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 250, Deduct* | *-1.22* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.97* | |
| 06 05 23 00-0019 | EA | 16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers | 8.38 | 2.40 |
| | | *For >10 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 250, Deduct* | *-1.22* | |
| | | *For >250 To 500, Deduct* | *-2.11* | |
| | | *For >500, Deduct* | *-2.99* | |
| 06 05 23 00-0020 | EA | 14 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers | 8.44 | 2.49 |
| | | *For >10 To 50, Deduct* | *-0.28* | |
| | | *For >50 To 100, Deduct* | *-0.63* | |
| | | *For >100 To 250, Deduct* | *-1.25* | |
| | | *For >250 To 500, Deduct* | *-2.16* | |
| | | *For >500, Deduct* | *-3.06* | |
| 06 05 23 00-0021 | EA | 14 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers | 8.92 | 2.49 |
| | | *For >10 To 50, Deduct* | *-0.28* | |
| | | *For >50 To 100, Deduct* | *-0.64* | |
| | | *For >100 To 250, Deduct* | *-1.28* | |
| | | *For >250 To 500, Deduct* | *-2.19* | |
| | | *For >500, Deduct* | *-3.11* | |

## 06 05 23 00-0022 Anchor And Ties *(06 05 23)*

Note: Including nails.

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0023 | EA | Pre-Deflected Hold Down With SDS Screws (Simpson Strong Tie® PHD5-SDS) | 50.62 | |
| 06 05 23 00-0024 | EA | 12-3/8" Heavy Tension Tie (Simpson Strong Tie® HTT4) | 32.66 | |
| 06 05 23 00-0025 | EA | 16" Heavy Tension Tie (Simpson Strong Tie® HTT5) | 48.13 | |
| 06 05 23 00-0026 | EA | 2" x 4" Or 2" x 6" Mudsill Anchor 16 Gauge Zinc Galvanized Finish (Simpson Strong Tie® MAS) | 3.92 | |

## 06 05 23 00-0027 Hurricane Clips *(06 05 23)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0028 | EA | 18 Gauge Zinc Galvanized Finish Hurricane Clips (Simpson Strong Tie® H2.5A) | 2.67 | |
| 06 05 23 00-0029 | EA | 18 Gauge Stainless Steel Hurricane Clips (Simpson Strong Tie® H2.5SS) | 7.84 | |
| 06 05 23 00-0030 | EA | Hurricane Strap (Simpson Strong Tie® H6) | 11.80 | |

## 06 05 23 00-0031 Post Framing *(06 05 23)*

Note: Including nails.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0032 | EA | 16 Gauge Post Framing With 4" x 4" Base | 11.23 | 3.01 |
| | | *For >10 To 50, Deduct* | *-0.33* | |
| | | *For >50 To 100, Deduct* | *-0.78* | |
| | | *For >100 To 250, Deduct* | *-1.55* | |
| | | *For >250 To 500, Deduct* | *-2.66* | |
| | | *For >500, Deduct* | *-3.77* | |
| 06 05 23 00-0033 | EA | 16 Gauge Post Framing With 4" x 4" Cap | 9.40 | 3.01 |
| | | *For >10 To 50, Deduct* | *-0.33* | |
| | | *For >50 To 100, Deduct* | *-0.73* | |
| | | *For >100 To 250, Deduct* | *-1.46* | |
| | | *For >250 To 500, Deduct* | *-2.52* | |
| | | *For >500, Deduct* | *-3.58* | |

## 06 05 23 00-0034 Rafter Anchors *(06 05 23)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0035 | EA | 1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor | 6.25 | 2.66 |
| | | *For >10 To 50, Deduct* | *-0.30* | |
| | | *For >50 To 100, Deduct* | *-0.60* | |
| | | *For >100 To 250, Deduct* | *-1.20* | |
| | | *For >250 To 500, Deduct* | *-2.10* | |
| | | *For >500, Deduct* | *-2.99* | |
| 06 05 23 00-0036 | EA | 1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor | 6.45 | 2.66 |
| | | *For >10 To 50, Deduct* | *-0.30* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-2.11* | |
| | | *For >500, Deduct* | *-3.01* | |
| 06 05 23 00-0037 | EA | Galvanized Rigid Rafter Connector, For 2" x 6" | 8.90 | 2.66 |
| | | *For >10 To 50, Deduct* | *-0.30* | |
| | | *For >50 To 100, Deduct* | *-0.67* | |
| | | *For >100 To 250, Deduct* | *-1.33* | |
| | | *For >250 To 500, Deduct* | *-2.30* | |
| | | *For >500, Deduct* | *-3.26* | |

## 06 05 23 00-0038 Bolts And Fasteners *(06 05 23)*

### 06 05 23 00-0039 Carriage Bolts *(06 05 23 00-0038)*

Note: Includes drilling of holes in any material. Includes nut and washer.

### 06 05 23 00-0040 Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0039)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0041 | EA | 1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 11.46 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.12* | |
| | | *For >100 To 250, Deduct* | *-2.25* | |
| | | *For >250 To 500, Deduct* | *-3.93* | |
| | | *For >500, Deduct* | *-5.61* | |
| 06 05 23 00-0042 | EA | 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 11.59 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.13* | |
| | | *For >100 To 250, Deduct* | *-2.25* | |
| | | *For >250 To 500, Deduct* | *-3.94* | |
| | | *For >500, Deduct* | *-5.62* | |
| 06 05 23 00-0043 | EA | 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 11.67 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.13* | |
| | | *For >100 To 250, Deduct* | *-2.26* | |
| | | *For >250 To 500, Deduct* | *-3.94* | |
| | | *For >500, Deduct* | *-5.63* | |
| 06 05 23 00-0044 | EA | 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 13.63 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.31* | |
| | | *For >100 To 250, Deduct* | *-2.61* | |
| | | *For >250 To 500, Deduct* | *-4.56* | |
| | | *For >500, Deduct* | *-6.52* | |
| 06 05 23 00-0045 | EA | 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 12.67 | |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.22* | |
| | | *For >100 To 250, Deduct* | *-2.44* | |
| | | *For >250 To 500, Deduct* | *-4.26* | |
| | | *For >500, Deduct* | *-6.08* | |
| 06 05 23 00-0046 | EA | 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 13.74 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.31* | |
| | | *For >100 To 250, Deduct* | *-2.62* | |
| | | *For >250 To 500, Deduct* | *-4.57* | |
| | | *For >500, Deduct* | *-6.53* | |
| 06 05 23 00-0047 | EA | 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 13.95 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.31* | |
| | | *For >100 To 250, Deduct* | *-2.63* | |
| | | *For >250 To 500, Deduct* | *-4.59* | |
| | | *For >500, Deduct* | *-6.55* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0048 | EA | 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 16.67 | |
| | | *For >10 To 50, Deduct* | *-0.77* | |
| | | *For >50 To 100, Deduct* | *-1.58* | |
| | | *For >100 To 250, Deduct* | *-3.15* | |
| | | *For >250 To 500, Deduct* | *-5.50* | |
| | | *For >500, Deduct* | *-7.85* | |
| 06 05 23 00-0049 | EA | 3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 18.16 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-1.68* | |
| | | *For >100 To 250, Deduct* | *-3.35* | |
| | | *For >250 To 500, Deduct* | *-5.85* | |
| | | *For >500, Deduct* | *-8.34* | |
| 06 05 23 00-0050 | EA | 3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 20.51 | |
| | | *For >10 To 50, Deduct* | *-0.90* | |
| | | *For >50 To 100, Deduct* | *-1.87* | |
| | | *For >100 To 250, Deduct* | *-3.73* | |
| | | *For >250 To 500, Deduct* | *-6.50* | |
| | | *For >500, Deduct* | *-9.26* | |
| 06 05 23 00-0051 | EA | 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 14.19 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.32* | |
| | | *For >100 To 250, Deduct* | *-2.64* | |
| | | *For >250 To 500, Deduct* | *-4.61* | |
| | | *For >500, Deduct* | *-6.57* | |
| 06 05 23 00-0052 | EA | 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 15.59 | |
| | | *For >10 To 50, Deduct* | *-0.69* | |
| | | *For >50 To 100, Deduct* | *-1.42* | |
| | | *For >100 To 250, Deduct* | *-2.84* | |
| | | *For >250 To 500, Deduct* | *-4.95* | |
| | | *For >500, Deduct* | *-7.06* | |
| 06 05 23 00-0053 | EA | 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 16.62 | |
| | | *For >10 To 50, Deduct* | *-0.73* | |
| | | *For >50 To 100, Deduct* | *-1.51* | |
| | | *For >100 To 250, Deduct* | *-3.02* | |
| | | *For >250 To 500, Deduct* | *-5.26* | |
| | | *For >500, Deduct* | *-7.50* | |
| 06 05 23 00-0054 | EA | 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 18.63 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-1.69* | |
| | | *For >100 To 250, Deduct* | *-3.38* | |
| | | *For >250 To 500, Deduct* | *-5.88* | |
| | | *For >500, Deduct* | *-8.39* | |
| 06 05 23 00-0055 | EA | 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 21.94 | |
| | | *For >10 To 50, Deduct* | *-0.94* | |
| | | *For >50 To 100, Deduct* | *-1.97* | |
| | | *For >100 To 250, Deduct* | *-3.93* | |
| | | *For >250 To 500, Deduct* | *-6.84* | |
| | | *For >500, Deduct* | *-9.75* | |
| 06 05 23 00-0056 | EA | 1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 24.64 | |
| | | *For >10 To 50, Deduct* | *-1.03* | |
| | | *For >50 To 100, Deduct* | *-2.16* | |
| | | *For >100 To 250, Deduct* | *-4.32* | |
| | | *For >250 To 500, Deduct* | *-7.51* | |
| | | *For >500, Deduct* | *-10.70* | |
| 06 05 23 00-0057 | EA | 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 19.61 | |
| | | *For >10 To 50, Deduct* | *-0.77* | |
| | | *For >50 To 100, Deduct* | *-1.65* | |
| | | *For >100 To 250, Deduct* | *-3.30* | |
| | | *For >250 To 500, Deduct* | *-5.72* | |
| | | *For >500, Deduct* | *-8.14* | |
| 06 05 23 00-0058 | EA | 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 21.31 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-1.76* | |
| | | *For >100 To 250, Deduct* | *-3.51* | |
| | | *For >250 To 500, Deduct* | *-6.08* | |
| | | *For >500, Deduct* | *-8.66* | |
| 06 05 23 00-0059 | EA | 3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 25.62 | |
| | | *For >10 To 50, Deduct* | *-0.94* | |
| | | *For >50 To 100, Deduct* | *-2.06* | |
| | | *For >100 To 250, Deduct* | *-4.11* | |
| | | *For >250 To 500, Deduct* | *-7.12* | |
| | | *For >500, Deduct* | *-10.12* | |
| 06 05 23 00-0060 | EA | 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 28.96 | |
| | | *For >10 To 50, Deduct* | *-0.99* | |
| | | *For >50 To 100, Deduct* | *-2.21* | |
| | | *For >100 To 250, Deduct* | *-4.41* | |
| | | *For >250 To 500, Deduct* | *-7.60* | |
| | | *For >500, Deduct* | *-10.80* | |
| 06 05 23 00-0061 | EA | 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 31.44 | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-2.40* | |
| | | *For >100 To 250, Deduct* | *-4.79* | |
| | | *For >250 To 500, Deduct* | *-8.26* | |
| | | *For >500, Deduct* | *-11.73* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0062 | EA | 3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt | 32.01 | |
| | | *For >10 To 50, Deduct* | *-1.12* | |
| | | *For >50 To 100, Deduct* | *-2.47* | |
| | | *For >100 To 250, Deduct* | *-4.95* | |
| | | *For >250 To 500, Deduct* | *-8.54* | |
| | | *For >500, Deduct* | *-12.13* | |

## 06 05 23 00-0063 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0039)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0064 | EA | 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 11.69 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.13* | |
| | | *For >100 To 250, Deduct* | *-2.26* | |
| | | *For >250 To 500, Deduct* | *-3.95* | |
| | | *For >500, Deduct* | *-5.63* | |
| 06 05 23 00-0065 | EA | 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 11.94 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.14* | |
| | | *For >100 To 250, Deduct* | *-2.27* | |
| | | *For >250 To 500, Deduct* | *-3.96* | |
| | | *For >500, Deduct* | *-5.66* | |
| 06 05 23 00-0066 | EA | 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 12.21 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.14* | |
| | | *For >100 To 250, Deduct* | *-2.28* | |
| | | *For >250 To 500, Deduct* | *-3.98* | |
| | | *For >500, Deduct* | *-5.69* | |
| 06 05 23 00-0067 | EA | 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 14.53 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.33* | |
| | | *For >100 To 250, Deduct* | *-2.66* | |
| | | *For >250 To 500, Deduct* | *-4.63* | |
| | | *For >500, Deduct* | *-6.61* | |
| 06 05 23 00-0068 | EA | 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 13.00 | |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.23* | |
| | | *For >100 To 250, Deduct* | *-2.45* | |
| | | *For >250 To 500, Deduct* | *-4.28* | |
| | | *For >500, Deduct* | *-6.11* | |
| 06 05 23 00-0069 | EA | 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 14.25 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.32* | |
| | | *For >100 To 250, Deduct* | *-2.64* | |
| | | *For >250 To 500, Deduct* | *-4.61* | |
| | | *For >500, Deduct* | *-6.58* | |
| 06 05 23 00-0070 | EA | 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 14.55 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.33* | |
| | | *For >100 To 250, Deduct* | *-2.66* | |
| | | *For >250 To 500, Deduct* | *-4.63* | |
| | | *For >500, Deduct* | *-6.61* | |
| 06 05 23 00-0071 | EA | 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 17.59 | |
| | | *For >10 To 50, Deduct* | *-0.77* | |
| | | *For >50 To 100, Deduct* | *-1.60* | |
| | | *For >100 To 250, Deduct* | *-3.20* | |
| | | *For >250 To 500, Deduct* | *-5.57* | |
| | | *For >500, Deduct* | *-7.94* | |
| 06 05 23 00-0072 | EA | 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 19.18 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-1.70* | |
| | | *For >100 To 250, Deduct* | *-3.41* | |
| | | *For >250 To 500, Deduct* | *-5.92* | |
| | | *For >500, Deduct* | *-8.44* | |
| 06 05 23 00-0073 | EA | 3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 21.46 | |
| | | *For >10 To 50, Deduct* | *-0.90* | |
| | | *For >50 To 100, Deduct* | *-1.89* | |
| | | *For >100 To 250, Deduct* | *-3.78* | |
| | | *For >250 To 500, Deduct* | *-6.57* | |
| | | *For >500, Deduct* | *-9.36* | |
| 06 05 23 00-0074 | EA | 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 14.95 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.34* | |
| | | *For >100 To 250, Deduct* | *-2.68* | |
| | | *For >250 To 500, Deduct* | *-4.66* | |
| | | *For >500, Deduct* | *-6.65* | |
| 06 05 23 00-0075 | EA | 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 16.19 | |
| | | *For >10 To 50, Deduct* | *-0.69* | |
| | | *For >50 To 100, Deduct* | *-1.44* | |
| | | *For >100 To 250, Deduct* | *-2.87* | |
| | | *For >250 To 500, Deduct* | *-4.99* | |
| | | *For >500, Deduct* | *-7.12* | |
| 06 05 23 00-0076 | EA | 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 17.33 | |
| | | *For >10 To 50, Deduct* | *-0.73* | |
| | | *For >50 To 100, Deduct* | *-1.53* | |
| | | *For >100 To 250, Deduct* | *-3.06* | |
| | | *For >250 To 500, Deduct* | *-5.31* | |
| | | *For >500, Deduct* | *-7.57* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0077 | EA | 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 19.67 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 250, Deduct* | *-3.43* | |
| | | *For >250 To 500, Deduct* | *-5.96* | |
| | | *For >500, Deduct* | *-8.49* | |
| 06 05 23 00-0078 | EA | 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 22.95 | |
| | | *For >10 To 50, Deduct* | *-0.94* | |
| | | *For >50 To 100, Deduct* | *-1.99* | |
| | | *For >100 To 250, Deduct* | *-3.98* | |
| | | *For >250 To 500, Deduct* | *-6.92* | |
| | | *For >500, Deduct* | *-9.85* | |
| 06 05 23 00-0079 | EA | 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 25.41 | |
| | | *For >10 To 50, Deduct* | *-1.03* | |
| | | *For >50 To 100, Deduct* | *-2.18* | |
| | | *For >100 To 250, Deduct* | *-4.36* | |
| | | *For >250 To 500, Deduct* | *-7.57* | |
| | | *For >500, Deduct* | *-10.78* | |
| 06 05 23 00-0080 | EA | 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 21.91 | |
| | | *For >10 To 50, Deduct* | *-0.77* | |
| | | *For >50 To 100, Deduct* | *-1.71* | |
| | | *For >100 To 250, Deduct* | *-3.41* | |
| | | *For >250 To 500, Deduct* | *-5.89* | |
| | | *For >500, Deduct* | *-8.37* | |
| 06 05 23 00-0081 | EA | 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 22.92 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-1.80* | |
| | | *For >100 To 250, Deduct* | *-3.59* | |
| | | *For >250 To 500, Deduct* | *-6.20* | |
| | | *For >500, Deduct* | *-8.82* | |
| 06 05 23 00-0082 | EA | 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 26.76 | |
| | | *For >10 To 50, Deduct* | *-0.94* | |
| | | *For >50 To 100, Deduct* | *-2.09* | |
| | | *For >100 To 250, Deduct* | *-4.17* | |
| | | *For >250 To 500, Deduct* | *-7.20* | |
| | | *For >500, Deduct* | *-10.23* | |
| 06 05 23 00-0083 | EA | 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 28.87 | |
| | | *For >10 To 50, Deduct* | *-0.99* | |
| | | *For >50 To 100, Deduct* | *-2.20* | |
| | | *For >100 To 250, Deduct* | *-4.41* | |
| | | *For >250 To 500, Deduct* | *-7.60* | |
| | | *For >500, Deduct* | *-10.79* | |
| 06 05 23 00-0084 | EA | 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 32.92 | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-2.43* | |
| | | *For >100 To 250, Deduct* | *-4.87* | |
| | | *For >250 To 500, Deduct* | *-8.37* | |
| | | *For >500, Deduct* | *-11.88* | |
| 06 05 23 00-0085 | EA | 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt | 35.11 | |
| | | *For >10 To 50, Deduct* | *-1.12* | |
| | | *For >50 To 100, Deduct* | *-2.55* | |
| | | *For >100 To 250, Deduct* | *-5.10* | |
| | | *For >250 To 500, Deduct* | *-8.77* | |
| | | *For >500, Deduct* | *-12.44* | |

## 06 05 23 00-0086 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0039)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0087 | EA | 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt | 12.47 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.15* | |
| | | *For >100 To 250, Deduct* | *-2.30* | |
| | | *For >250 To 500, Deduct* | *-4.00* | |
| | | *For >500, Deduct* | *-5.71* | |
| 06 05 23 00-0088 | EA | 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt | 13.90 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.18* | |
| | | *For >100 To 250, Deduct* | *-2.37* | |
| | | *For >250 To 500, Deduct* | *-4.11* | |
| | | *For >500, Deduct* | *-5.85* | |
| 06 05 23 00-0089 | EA | 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt | 14.84 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.21* | |
| | | *For >100 To 250, Deduct* | *-2.42* | |
| | | *For >250 To 500, Deduct* | *-4.18* | |
| | | *For >500, Deduct* | *-5.95* | |
| 06 05 23 00-0090 | EA | 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt | 26.66 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.63* | |
| | | *For >100 To 250, Deduct* | *-3.27* | |
| | | *For >250 To 500, Deduct* | *-5.54* | |
| | | *For >500, Deduct* | *-7.82* | |
| 06 05 23 00-0091 | EA | 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt | 14.66 | |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.27* | |
| | | *For >100 To 250, Deduct* | *-2.54* | |
| | | *For >250 To 500, Deduct* | *-4.41* | |
| | | *For >500, Deduct* | *-6.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0092 | EA | 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt | 17.60 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.41* | |
| | | *For >100 To 250, Deduct* | *-2.81* | |
| | | *For >250 To 500, Deduct* | *-4.86* | |
| | | *For >500, Deduct* | *-6.91* | |
| 06 05 23 00-0093 | EA | 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt | 18.05 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.42* | |
| | | *For >100 To 250, Deduct* | *-2.83* | |
| | | *For >250 To 500, Deduct* | *-4.90* | |
| | | *For >500, Deduct* | *-6.96* | |
| 06 05 23 00-0094 | EA | 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt | 35.57 | |
| | | *For >10 To 50, Deduct* | *-0.77* | |
| | | *For >50 To 100, Deduct* | *-2.05* | |
| | | *For >100 To 250, Deduct* | *-4.10* | |
| | | *For >250 To 500, Deduct* | *-6.92* | |
| | | *For >500, Deduct* | *-9.74* | |
| 06 05 23 00-0095 | EA | 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt | 43.89 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-2.32* | |
| | | *For >100 To 250, Deduct* | *-4.64* | |
| | | *For >250 To 500, Deduct* | *-7.78* | |
| | | *For >500, Deduct* | *-10.91* | |
| 06 05 23 00-0096 | EA | 3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt | 49.24 | |
| | | *For >10 To 50, Deduct* | *-0.90* | |
| | | *For >50 To 100, Deduct* | *-2.58* | |
| | | *For >100 To 250, Deduct* | *-5.17* | |
| | | *For >250 To 500, Deduct* | *-8.65* | |
| | | *For >500, Deduct* | *-12.14* | |
| 06 05 23 00-0097 | EA | 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt | 19.27 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.45* | |
| | | *For >100 To 250, Deduct* | *-2.90* | |
| | | *For >250 To 500, Deduct* | *-4.99* | |
| | | *For >500, Deduct* | *-7.08* | |
| 06 05 23 00-0098 | EA | 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt | 22.13 | |
| | | *For >10 To 50, Deduct* | *-0.69* | |
| | | *For >50 To 100, Deduct* | *-1.58* | |
| | | *For >100 To 250, Deduct* | *-3.17* | |
| | | *For >250 To 500, Deduct* | *-5.44* | |
| | | *For >500, Deduct* | *-7.71* | |
| 06 05 23 00-0099 | EA | 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt | 27.33 | |
| | | *For >10 To 50, Deduct* | *-0.73* | |
| | | *For >50 To 100, Deduct* | *-1.78* | |
| | | *For >100 To 250, Deduct* | *-3.56* | |
| | | *For >250 To 500, Deduct* | *-6.06* | |
| | | *For >500, Deduct* | *-8.57* | |
| 06 05 23 00-0100 | EA | 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt | 45.21 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-2.35* | |
| | | *For >100 To 250, Deduct* | *-4.71* | |
| | | *For >250 To 500, Deduct* | *-7.88* | |
| | | *For >500, Deduct* | *-11.05* | |
| 06 05 23 00-0101 | EA | 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt | 50.95 | |
| | | *For >10 To 50, Deduct* | *-0.94* | |
| | | *For >50 To 100, Deduct* | *-2.69* | |
| | | *For >100 To 250, Deduct* | *-5.38* | |
| | | *For >250 To 500, Deduct* | *-9.02* | |
| | | *For >500, Deduct* | *-12.65* | |
| 06 05 23 00-0102 | EA | 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt | 82.29 | |
| | | *For >10 To 50, Deduct* | *-1.03* | |
| | | *For >50 To 100, Deduct* | *-3.60* | |
| | | *For >100 To 250, Deduct* | *-7.20* | |
| | | *For >250 To 500, Deduct* | *-11.84* | |
| | | *For >500, Deduct* | *-16.47* | |
| 06 05 23 00-0103 | EA | 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt | 63.83 | |
| | | *For >10 To 50, Deduct* | *-0.82* | |
| | | *For >50 To 100, Deduct* | *-2.82* | |
| | | *For >100 To 250, Deduct* | *-5.64* | |
| | | *For >250 To 500, Deduct* | *-9.27* | |
| | | *For >500, Deduct* | *-12.91* | |
| 06 05 23 00-0104 | EA | 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt | 91.46 | |
| | | *For >10 To 50, Deduct* | *-0.94* | |
| | | *For >50 To 100, Deduct* | *-3.70* | |
| | | *For >100 To 250, Deduct* | *-7.41* | |
| | | *For >250 To 500, Deduct* | *-12.05* | |
| | | *For >500, Deduct* | *-16.70* | |
| 06 05 23 00-0105 | EA | 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt | 101.65 | |
| | | *For >10 To 50, Deduct* | *-0.99* | |
| | | *For >50 To 100, Deduct* | *-4.02* | |
| | | *For >100 To 250, Deduct* | *-8.05* | |
| | | *For >250 To 500, Deduct* | *-13.06* | |
| | | *For >500, Deduct* | *-18.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0106 | EA | 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt | 151.99 | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-5.41* | |
| | | *For >100 To 250, Deduct* | *-10.82* | |
| | | *For >250 To 500, Deduct* | *-17.30* | |
| | | *For >500, Deduct* | *-23.78* | |
| 06 05 23 00-0107 | EA | 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt | 159.94 | |
| | | *For >10 To 50, Deduct* | *-1.12* | |
| | | *For >50 To 100, Deduct* | *-5.67* | |
| | | *For >100 To 250, Deduct* | *-11.35* | |
| | | *For >250 To 500, Deduct* | *-18.13* | |
| | | *For >500, Deduct* | *-24.92* | |

## 06 05 23 00-0108 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0039)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0109 | EA | 1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt | 19.09 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.31* | |
| | | *For >100 To 250, Deduct* | *-2.63* | |
| | | *For >250 To 500, Deduct* | *-4.50* | |
| | | *For >500, Deduct* | *-6.37* | |
| 06 05 23 00-0110 | EA | 1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt | 21.61 | |
| | | *For >10 To 50, Deduct* | *-0.56* | |
| | | *For >50 To 100, Deduct* | *-1.38* | |
| | | *For >100 To 250, Deduct* | *-2.75* | |
| | | *For >250 To 500, Deduct* | *-4.69* | |
| | | *For >500, Deduct* | *-6.63* | |
| 06 05 23 00-0111 | EA | 3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt | 23.32 | |
| | | *For >10 To 50, Deduct* | *-0.60* | |
| | | *For >50 To 100, Deduct* | *-1.48* | |
| | | *For >100 To 250, Deduct* | *-2.97* | |
| | | *For >250 To 500, Deduct* | *-5.05* | |
| | | *For >500, Deduct* | *-7.14* | |
| 06 05 23 00-0112 | EA | 3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt | 27.68 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.66* | |
| | | *For >100 To 250, Deduct* | *-3.32* | |
| | | *For >250 To 500, Deduct* | *-5.62* | |
| | | *For >500, Deduct* | *-7.92* | |
| 06 05 23 00-0113 | EA | 1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt | 38.87 | |
| | | *For >10 To 50, Deduct* | *-0.64* | |
| | | *For >50 To 100, Deduct* | *-1.94* | |
| | | *For >100 To 250, Deduct* | *-3.88* | |
| | | *For >250 To 500, Deduct* | *-6.46* | |
| | | *For >500, Deduct* | *-9.04* | |
| 06 05 23 00-0114 | EA | 1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt | 42.44 | |
| | | *For >10 To 50, Deduct* | *-0.69* | |
| | | *For >50 To 100, Deduct* | *-2.09* | |
| | | *For >100 To 250, Deduct* | *-4.18* | |
| | | *For >250 To 500, Deduct* | *-6.96* | |
| | | *For >500, Deduct* | *-9.74* | |
| 06 05 23 00-0115 | EA | 1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt | 45.79 | |
| | | *For >10 To 50, Deduct* | *-0.73* | |
| | | *For >50 To 100, Deduct* | *-2.24* | |
| | | *For >100 To 250, Deduct* | *-4.48* | |
| | | *For >250 To 500, Deduct* | *-7.45* | |
| | | *For >500, Deduct* | *-10.42* | |

## 06 05 23 00-0116 Hex Lag Bolts *(06 05 23 00-0038)*

Note: Includes drilling of holes in any material.

## 06 05 23 00-0117 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0116)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0118 | EA | 1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt | 10.91 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 250, Deduct* | *-2.16* | |
| | | *For >250 To 500, Deduct* | *-3.77* | |
| | | *For >500, Deduct* | *-5.38* | |
| 06 05 23 00-0119 | EA | 1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt | 11.02 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 250, Deduct* | *-2.16* | |
| | | *For >250 To 500, Deduct* | *-3.78* | |
| | | *For >500, Deduct* | *-5.39* | |
| 06 05 23 00-0120 | EA | 1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt | 11.26 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.09* | |
| | | *For >100 To 250, Deduct* | *-2.17* | |
| | | *For >250 To 500, Deduct* | *-3.80* | |
| | | *For >500, Deduct* | *-5.42* | |
| 06 05 23 00-0121 | EA | 3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt | 12.04 | |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.18* | |
| | | *For >100 To 250, Deduct* | *-2.36* | |
| | | *For >250 To 500, Deduct* | *-4.12* | |
| | | *For >500, Deduct* | *-5.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0122 | EA | 3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt | 13.10 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.27* | |
| | | *For >100 To 250, Deduct* | *-2.53* | |
| | | *For >250 To 500, Deduct* | *-4.43* | |
| | | *For >500, Deduct* | *-6.32* | |
| 06 05 23 00-0123 | EA | 3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt | 13.35 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.27* | |
| | | *For >100 To 250, Deduct* | *-2.55* | |
| | | *For >250 To 500, Deduct* | *-4.45* | |
| | | *For >500, Deduct* | *-6.35* | |
| 06 05 23 00-0124 | EA | 3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt | 16.38 | |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-1.54* | |
| | | *For >100 To 250, Deduct* | *-3.08* | |
| | | *For >250 To 500, Deduct* | *-5.36* | |
| | | *For >500, Deduct* | *-7.65* | |
| 06 05 23 00-0125 | EA | 3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt | 17.36 | |
| | | *For >10 To 50, Deduct* | *-0.79* | |
| | | *For >50 To 100, Deduct* | *-1.62* | |
| | | *For >100 To 250, Deduct* | *-3.25* | |
| | | *For >250 To 500, Deduct* | *-5.67* | |
| | | *For >500, Deduct* | *-8.08* | |
| 06 05 23 00-0126 | EA | 1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt | 13.36 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.28* | |
| | | *For >100 To 250, Deduct* | *-2.56* | |
| | | *For >250 To 500, Deduct* | *-4.48* | |
| | | *For >500, Deduct* | *-6.39* | |
| 06 05 23 00-0127 | EA | 1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt | 14.56 | |
| | | *For >10 To 50, Deduct* | *-0.67* | |
| | | *For >50 To 100, Deduct* | *-1.37* | |
| | | *For >100 To 250, Deduct* | *-2.75* | |
| | | *For >250 To 500, Deduct* | *-4.79* | |
| | | *For >500, Deduct* | *-6.84* | |
| 06 05 23 00-0128 | EA | 1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt | 15.88 | |
| | | *For >10 To 50, Deduct* | *-0.72* | |
| | | *For >50 To 100, Deduct* | *-1.47* | |
| | | *For >100 To 250, Deduct* | *-2.94* | |
| | | *For >250 To 500, Deduct* | *-5.13* | |
| | | *For >500, Deduct* | *-7.31* | |
| 06 05 23 00-0129 | EA | 1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt | 18.10 | |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-1.65* | |
| | | *For >100 To 250, Deduct* | *-3.30* | |
| | | *For >250 To 500, Deduct* | *-5.75* | |
| | | *For >500, Deduct* | *-8.21* | |
| 06 05 23 00-0130 | EA | 1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt | 21.36 | |
| | | *For >10 To 50, Deduct* | *-0.93* | |
| | | *For >50 To 100, Deduct* | *-1.92* | |
| | | *For >100 To 250, Deduct* | *-3.85* | |
| | | *For >250 To 500, Deduct* | *-6.70* | |
| | | *For >500, Deduct* | *-9.54* | |
| 06 05 23 00-0131 | EA | 1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt | 23.31 | |
| | | *For >10 To 50, Deduct* | *-1.01* | |
| | | *For >50 To 100, Deduct* | *-2.10* | |
| | | *For >100 To 250, Deduct* | *-4.20* | |
| | | *For >250 To 500, Deduct* | *-7.30* | |
| | | *For >500, Deduct* | *-10.41* | |
| 06 05 23 00-0132 | EA | 3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt | 19.64 | |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-1.69* | |
| | | *For >100 To 250, Deduct* | *-3.38* | |
| | | *For >250 To 500, Deduct* | *-5.87* | |
| | | *For >500, Deduct* | *-8.36* | |
| 06 05 23 00-0133 | EA | 3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt | 23.50 | |
| | | *For >10 To 50, Deduct* | *-0.93* | |
| | | *For >50 To 100, Deduct* | *-1.98* | |
| | | *For >100 To 250, Deduct* | *-3.95* | |
| | | *For >250 To 500, Deduct* | *-6.86* | |
| | | *For >500, Deduct* | *-9.76* | |
| 06 05 23 00-0134 | EA | 3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt | 26.08 | |
| | | *For >10 To 50, Deduct* | *-0.97* | |
| | | *For >50 To 100, Deduct* | *-2.10* | |
| | | *For >100 To 250, Deduct* | *-4.21* | |
| | | *For >250 To 500, Deduct* | *-7.28* | |
| | | *For >500, Deduct* | *-10.35* | |
| 06 05 23 00-0135 | EA | 3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt | 29.37 | |
| | | *For >10 To 50, Deduct* | *-1.05* | |
| | | *For >50 To 100, Deduct* | *-2.31* | |
| | | *For >100 To 250, Deduct* | *-4.62* | |
| | | *For >250 To 500, Deduct* | *-7.99* | |
| | | *For >500, Deduct* | *-11.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0136 | EA | 3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt | 33.04 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.47* | |
| | | *For >100 To 250, Deduct* | *-4.93* | |
| | | *For >250 To 500, Deduct* | *-8.50* | |
| | | *For >500, Deduct* | *-12.06* | |

## 06 05 23 00-0137 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0116)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0138 | EA | 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 10.97 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 250, Deduct* | *-2.16* | |
| | | *For >250 To 500, Deduct* | *-3.77* | |
| | | *For >500, Deduct* | *-5.39* | |
| 06 05 23 00-0139 | EA | 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 11.14 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 250, Deduct* | *-2.17* | |
| | | *For >250 To 500, Deduct* | *-3.79* | |
| | | *For >500, Deduct* | *-5.41* | |
| 06 05 23 00-0140 | EA | 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 11.32 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.09* | |
| | | *For >100 To 250, Deduct* | *-2.18* | |
| | | *For >250 To 500, Deduct* | *-3.80* | |
| | | *For >500, Deduct* | *-5.42* | |
| 06 05 23 00-0141 | EA | 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 12.13 | |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.18* | |
| | | *For >100 To 250, Deduct* | *-2.36* | |
| | | *For >250 To 500, Deduct* | *-4.12* | |
| | | *For >500, Deduct* | *-5.89* | |
| 06 05 23 00-0142 | EA | 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 13.25 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.27* | |
| | | *For >100 To 250, Deduct* | *-2.54* | |
| | | *For >250 To 500, Deduct* | *-4.44* | |
| | | *For >500, Deduct* | *-6.34* | |
| 06 05 23 00-0143 | EA | 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 13.53 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.28* | |
| | | *For >100 To 250, Deduct* | *-2.56* | |
| | | *For >250 To 500, Deduct* | *-4.46* | |
| | | *For >500, Deduct* | *-6.37* | |
| 06 05 23 00-0144 | EA | 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 16.72 | |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-1.55* | |
| | | *For >100 To 250, Deduct* | *-3.09* | |
| | | *For >250 To 500, Deduct* | *-5.39* | |
| | | *For >500, Deduct* | *-7.69* | |
| 06 05 23 00-0145 | EA | 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 17.93 | |
| | | *For >10 To 50, Deduct* | *-0.79* | |
| | | *For >50 To 100, Deduct* | *-1.64* | |
| | | *For >100 To 250, Deduct* | *-3.28* | |
| | | *For >250 To 500, Deduct* | *-5.71* | |
| | | *For >500, Deduct* | *-8.14* | |
| 06 05 23 00-0146 | EA | 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 13.62 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.29* | |
| | | *For >100 To 250, Deduct* | *-2.58* | |
| | | *For >250 To 500, Deduct* | *-4.49* | |
| | | *For >500, Deduct* | *-6.41* | |
| 06 05 23 00-0147 | EA | 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 14.70 | |
| | | *For >10 To 50, Deduct* | *-0.67* | |
| | | *For >50 To 100, Deduct* | *-1.38* | |
| | | *For >100 To 250, Deduct* | *-2.75* | |
| | | *For >250 To 500, Deduct* | *-4.80* | |
| | | *For >500, Deduct* | *-6.85* | |
| 06 05 23 00-0148 | EA | 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 16.14 | |
| | | *For >10 To 50, Deduct* | *-0.72* | |
| | | *For >50 To 100, Deduct* | *-1.48* | |
| | | *For >100 To 250, Deduct* | *-2.95* | |
| | | *For >250 To 500, Deduct* | *-5.15* | |
| | | *For >500, Deduct* | *-7.34* | |
| 06 05 23 00-0149 | EA | 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 18.88 | |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-1.67* | |
| | | *For >100 To 250, Deduct* | *-3.34* | |
| | | *For >250 To 500, Deduct* | *-5.81* | |
| | | *For >500, Deduct* | *-8.28* | |
| 06 05 23 00-0150 | EA | 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 21.74 | |
| | | *For >10 To 50, Deduct* | *-0.93* | |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100 To 250, Deduct* | *-3.87* | |
| | | *For >250 To 500, Deduct* | *-6.72* | |
| | | *For >500, Deduct* | *-9.58* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0151 | EA | 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 24.24 | |
| | | *For >10 To 50, Deduct* | *-1.01* | |
| | | *For >50 To 100, Deduct* | *-2.12* | |
| | | *For >100 To 250, Deduct* | *-4.24* | |
| | | *For >250 To 500, Deduct* | *-7.37* | |
| | | *For >500, Deduct* | *-10.50* | |
| 06 05 23 00-0152 | EA | 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 20.22 | |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-1.70* | |
| | | *For >100 To 250, Deduct* | *-3.41* | |
| | | *For >250 To 500, Deduct* | *-5.91* | |
| | | *For >500, Deduct* | *-8.42* | |
| 06 05 23 00-0153 | EA | 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 24.02 | |
| | | *For >10 To 50, Deduct* | *-0.93* | |
| | | *For >50 To 100, Deduct* | *-1.99* | |
| | | *For >100 To 250, Deduct* | *-3.98* | |
| | | *For >250 To 500, Deduct* | *-6.89* | |
| | | *For >500, Deduct* | *-9.81* | |
| 06 05 23 00-0154 | EA | 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 26.96 | |
| | | *For >10 To 50, Deduct* | *-0.97* | |
| | | *For >50 To 100, Deduct* | *-2.13* | |
| | | *For >100 To 250, Deduct* | *-4.25* | |
| | | *For >250 To 500, Deduct* | *-7.34* | |
| | | *For >500, Deduct* | *-10.44* | |
| 06 05 23 00-0155 | EA | 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 31.44 | |
| | | *For >10 To 50, Deduct* | *-1.05* | |
| | | *For >50 To 100, Deduct* | *-2.36* | |
| | | *For >100 To 250, Deduct* | *-4.73* | |
| | | *For >250 To 500, Deduct* | *-8.14* | |
| | | *For >500, Deduct* | *-11.56* | |
| 06 05 23 00-0156 | EA | 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt | 35.24 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-2.52* | |
| | | *For >100 To 250, Deduct* | *-5.04* | |
| | | *For >250 To 500, Deduct* | *-8.66* | |
| | | *For >500, Deduct* | *-12.28* | |

## 06 05 23 00-0157 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0116)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0158 | EA | 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 11.63 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.10* | |
| | | *For >100 To 250, Deduct* | *-2.19* | |
| | | *For >250 To 500, Deduct* | *-3.82* | |
| | | *For >500, Deduct* | *-5.46* | |
| 06 05 23 00-0159 | EA | 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 12.30 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.11* | |
| | | *For >100 To 250, Deduct* | *-2.22* | |
| | | *For >250 To 500, Deduct* | *-3.87* | |
| | | *For >500, Deduct* | *-5.52* | |
| 06 05 23 00-0160 | EA | 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 14.13 | |
| | | *For >10 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-1.16* | |
| | | *For >100 To 250, Deduct* | *-2.32* | |
| | | *For >250 To 500, Deduct* | *-4.01* | |
| | | *For >500, Deduct* | *-5.71* | |
| 06 05 23 00-0161 | EA | 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 13.99 | |
| | | *For >10 To 50, Deduct* | *-0.58* | |
| | | *For >50 To 100, Deduct* | *-1.23* | |
| | | *For >100 To 250, Deduct* | *-2.45* | |
| | | *For >250 To 500, Deduct* | *-4.26* | |
| | | *For >500, Deduct* | *-6.08* | |
| 06 05 23 00-0162 | EA | 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 15.85 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.34* | |
| | | *For >100 To 250, Deduct* | *-2.67* | |
| | | *For >250 To 500, Deduct* | *-4.63* | |
| | | *For >500, Deduct* | *-6.60* | |
| 06 05 23 00-0163 | EA | 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 17.02 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.37* | |
| | | *For >100 To 250, Deduct* | *-2.73* | |
| | | *For >250 To 500, Deduct* | *-4.72* | |
| | | *For >500, Deduct* | *-6.71* | |
| 06 05 23 00-0164 | EA | 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 35.78 | |
| | | *For >10 To 50, Deduct* | *-0.75* | |
| | | *For >50 To 100, Deduct* | *-2.02* | |
| | | *For >100 To 250, Deduct* | *-4.05* | |
| | | *For >250 To 500, Deduct* | *-6.82* | |
| | | *For >500, Deduct* | *-9.59* | |
| 06 05 23 00-0165 | EA | 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 50.83 | |
| | | *For >10 To 50, Deduct* | *-0.79* | |
| | | *For >50 To 100, Deduct* | *-2.46* | |
| | | *For >100 To 250, Deduct* | *-4.92* | |
| | | *For >250 To 500, Deduct* | *-8.18* | |
| | | *For >500, Deduct* | *-11.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0166 | EA | 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 17.16 | |
| | | *For >10 To 50, Deduct* | *-0.63* | |
| | | *For >50 To 100, Deduct* | *-1.38* | |
| | | *For >100 To 250, Deduct* | *-2.75* | |
| | | *For >250 To 500, Deduct* | *-4.76* | |
| | | *For >500, Deduct* | *-6.77* | |
| 06 05 23 00-0167 | EA | 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 20.42 | |
| | | *For >10 To 50, Deduct* | *-0.67* | |
| | | *For >50 To 100, Deduct* | *-1.52* | |
| | | *For >100 To 250, Deduct* | *-3.04* | |
| | | *For >250 To 500, Deduct* | *-5.23* | |
| | | *For >500, Deduct* | *-7.43* | |
| 06 05 23 00-0168 | EA | 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 25.48 | |
| | | *For >10 To 50, Deduct* | *-0.72* | |
| | | *For >50 To 100, Deduct* | *-1.71* | |
| | | *For >100 To 250, Deduct* | *-3.42* | |
| | | *For >250 To 500, Deduct* | *-5.85* | |
| | | *For >500, Deduct* | *-8.27* | |
| 06 05 23 00-0169 | EA | 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 54.25 | |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-2.56* | |
| | | *For >100 To 250, Deduct* | *-5.11* | |
| | | *For >250 To 500, Deduct* | *-8.47* | |
| | | *For >500, Deduct* | *-11.82* | |
| 06 05 23 00-0170 | EA | 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 74.19 | |
| | | *For >10 To 50, Deduct* | *-0.93* | |
| | | *For >50 To 100, Deduct* | *-3.24* | |
| | | *For >100 To 250, Deduct* | *-6.49* | |
| | | *For >250 To 500, Deduct* | *-10.66* | |
| | | *For >500, Deduct* | *-14.83* | |
| 06 05 23 00-0171 | EA | 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 86.81 | |
| | | *For >10 To 50, Deduct* | *-1.01* | |
| | | *For >50 To 100, Deduct* | *-3.69* | |
| | | *For >100 To 250, Deduct* | *-7.37* | |
| | | *For >250 To 500, Deduct* | *-12.07* | |
| | | *For >500, Deduct* | *-16.76* | |
| 06 05 23 00-0172 | EA | 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 80.83 | |
| | | *For >10 To 50, Deduct* | *-0.80* | |
| | | *For >50 To 100, Deduct* | *-3.22* | |
| | | *For >100 To 250, Deduct* | *-6.44* | |
| | | *For >250 To 500, Deduct* | *-10.46* | |
| | | *For >500, Deduct* | *-14.48* | |
| 06 05 23 00-0173 | EA | 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 92.37 | |
| | | *For >10 To 50, Deduct* | *-0.93* | |
| | | *For >50 To 100, Deduct* | *-3.70* | |
| | | *For >100 To 250, Deduct* | *-7.40* | |
| | | *For >250 To 500, Deduct* | *-12.02* | |
| | | *For >500, Deduct* | *-16.65* | |
| 06 05 23 00-0174 | EA | 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 96.10 | |
| | | *For >10 To 50, Deduct* | *-0.97* | |
| | | *For >50 To 100, Deduct* | *-3.85* | |
| | | *For >100 To 250, Deduct* | *-7.71* | |
| | | *For >250 To 500, Deduct* | *-12.53* | |
| | | *For >500, Deduct* | *-17.35* | |
| 06 05 23 00-0175 | EA | 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 133.79 | |
| | | *For >10 To 50, Deduct* | *-1.05* | |
| | | *For >50 To 100, Deduct* | *-4.92* | |
| | | *For >100 To 250, Deduct* | *-9.85* | |
| | | *For >250 To 500, Deduct* | *-15.82* | |
| | | *For >500, Deduct* | *-21.80* | |
| 06 05 23 00-0176 | EA | 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt | 146.10 | |
| | | *For >10 To 50, Deduct* | *-1.09* | |
| | | *For >50 To 100, Deduct* | *-5.29* | |
| | | *For >100 To 250, Deduct* | *-10.59* | |
| | | *For >250 To 500, Deduct* | *-16.97* | |
| | | *For >500, Deduct* | *-23.36* | |

### 06 05 23 00-0177 Timber Bolts *(06 05 23 00-0038)*

Note: Includes drilling of holes in any material.

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0178 | EA | 5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914) | 28.00 | |
| | | *For >10 To 50, Deduct* | *-0.90* | |
| | | *For >50 To 100, Deduct* | *-2.05* | |
| | | *For >100 To 250, Deduct* | *-4.09* | |
| | | *For >250 To 500, Deduct* | *-7.04* | |
| | | *For >500, Deduct* | *-9.98* | |
| 06 05 23 00-0179 | EA | 5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915) | 31.65 | |
| | | *For >10 To 50, Deduct* | *-1.01* | |
| | | *For >50 To 100, Deduct* | *-2.30* | |
| | | *For >100 To 250, Deduct* | *-4.60* | |
| | | *For >250 To 500, Deduct* | *-7.90* | |
| | | *For >500, Deduct* | *-11.21* | |
| 06 05 23 00-0180 | EA | 5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916) | 34.21 | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-2.46* | |
| | | *For >100 To 250, Deduct* | *-4.92* | |
| | | *For >250 To 500, Deduct* | *-8.45* | |
| | | *For >500, Deduct* | *-11.99* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0181 | EA | 5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917) | 38.21 | |
| | | *For >10 To 50, Deduct* | *-1.13* | |
| | | *For >50 To 100, Deduct* | *-2.65* | |
| | | *For >100 To 250, Deduct* | *-5.31* | |
| | | *For >250 To 500, Deduct* | *-9.09* | |
| | | *For >500, Deduct* | *-12.88* | |
| 06 05 23 00-0182 | EA | 5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918) | 40.68 | |
| | | *For >10 To 50, Deduct* | *-1.19* | |
| | | *For >50 To 100, Deduct* | *-2.81* | |
| | | *For >100 To 250, Deduct* | *-5.61* | |
| | | *For >250 To 500, Deduct* | *-9.61* | |
| | | *For >500, Deduct* | *-13.61* | |
| 06 05 23 00-0183 | EA | 5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919) | 42.23 | |
| | | *For >10 To 50, Deduct* | *-1.25* | |
| | | *For >50 To 100, Deduct* | *-2.92* | |
| | | *For >100 To 250, Deduct* | *-5.85* | |
| | | *For >250 To 500, Deduct* | *-10.02* | |
| | | *For >500, Deduct* | *-14.19* | |
| 06 05 23 00-0184 | EA | 3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920) | 37.94 | |
| | | *For >10 To 50, Deduct* | *-1.07* | |
| | | *For >50 To 100, Deduct* | *-2.55* | |
| | | *For >100 To 250, Deduct* | *-5.11* | |
| | | *For >250 To 500, Deduct* | *-8.73* | |
| | | *For >500, Deduct* | *-12.36* | |
| 06 05 23 00-0185 | EA | 3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921) | 39.71 | |
| | | *For >10 To 50, Deduct* | *-1.11* | |
| | | *For >50 To 100, Deduct* | *-2.66* | |
| | | *For >100 To 250, Deduct* | *-5.33* | |
| | | *For >250 To 500, Deduct* | *-9.11* | |
| | | *For >500, Deduct* | *-12.89* | |
| 06 05 23 00-0186 | EA | 3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922) | 44.04 | |
| | | *For >10 To 50, Deduct* | *-1.18* | |
| | | *For >50 To 100, Deduct* | *-2.87* | |
| | | *For >100 To 250, Deduct* | *-5.74* | |
| | | *For >250 To 500, Deduct* | *-9.79* | |
| | | *For >500, Deduct* | *-13.84* | |
| 06 05 23 00-0187 | EA | 3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923) | 47.31 | |
| | | *For >10 To 50, Deduct* | *-1.24* | |
| | | *For >50 To 100, Deduct* | *-3.04* | |
| | | *For >100 To 250, Deduct* | *-6.09* | |
| | | *For >250 To 500, Deduct* | *-10.37* | |
| | | *For >500, Deduct* | *-14.66* | |
| 06 05 23 00-0188 | EA | 3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924) | 50.90 | |
| | | *For >10 To 50, Deduct* | *-1.30* | |
| | | *For >50 To 100, Deduct* | *-3.23* | |
| | | *For >100 To 250, Deduct* | *-6.45* | |
| | | *For >250 To 500, Deduct* | *-10.98* | |
| | | *For >500, Deduct* | *-15.51* | |
| 06 05 23 00-0189 | | Supports *(06 05 23)* | | |
| 06 05 23 00-0190 | | Shear Plates *(06 05 23 00-0189)* | | |
| 06 05 23 00-0191 | EA | 2-5/8" Diameter, Shear Plate | 9.24 | 3.18 |
| | | *For >10 To 50, Deduct* | *-0.36* | |
| | | *For >50 To 100, Deduct* | *-0.77* | |
| | | *For >100 To 250, Deduct* | *-1.53* | |
| | | *For >250 To 500, Deduct* | *-2.66* | |
| | | *For >500, Deduct* | *-3.78* | |
| 06 05 23 00-0192 | EA | 4" Diameter, Shear Plate | 12.30 | 3.35 |
| | | *For >10 To 50, Deduct* | *-0.37* | |
| | | *For >50 To 100, Deduct* | *-0.87* | |
| | | *For >100 To 250, Deduct* | *-1.73* | |
| | | *For >250 To 500, Deduct* | *-2.97* | |
| | | *For >500, Deduct* | *-4.21* | |
| 06 05 23 00-0193 | | Sill Anchors *(06 05 23 00-0189)* | | |
| 06 05 23 00-0194 | EA | Sill Anchor Embedded In Concrete | 8.03 | 3.35 |
| | | *For >10 To 50, Deduct* | *-0.37* | |
| | | *For >50 To 100, Deduct* | *-0.76* | |
| | | *For >100 To 250, Deduct* | *-1.52* | |
| | | *For >250 To 500, Deduct* | *-2.65* | |
| | | *For >500, Deduct* | *-3.79* | |
| 06 05 23 00-0195 | | Spike Grids *(06 05 23 00-0189)* | | |
| 06 05 23 00-0196 | EA | 4" x 4" Flat Or Curved Spike Grid | 7.90 | 3.18 |
| | | *For >10 To 50, Deduct* | *-0.36* | |
| | | *For >50 To 100, Deduct* | *-0.73* | |
| | | *For >100 To 250, Deduct* | *-1.47* | |
| | | *For >250 To 500, Deduct* | *-2.56* | |
| | | *For >500, Deduct* | *-3.65* | |
| 06 05 23 00-0197 | | Split Rings *(06 05 23 00-0189)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0198 | EA | 2-1/2" Diameter Split Ring | 8.36 | 3.18 |
| | | *For >10 To 50, Deduct* | *-0.36* | |
| | | *For >50 To 100, Deduct* | *-0.75* | |
| | | *For >100 To 250, Deduct* | *-1.49* | |
| | | *For >250 To 500, Deduct* | *-2.59* | |
| | | *For >500, Deduct* | *-3.70* | |
| 06 05 23 00-0199 | EA | 4" Diameter Split Ring | 9.83 | 3.52 |
| | | *For >10 To 50, Deduct* | *-0.39* | |
| | | *For >50 To 100, Deduct* | *-0.83* | |
| | | *For >100 To 250, Deduct* | *-1.66* | |
| | | *For >250 To 500, Deduct* | *-2.89* | |
| | | *For >500, Deduct* | *-4.11* | |
| **06 05 23 00-0200** | | **Toothed Rings** *(06 05 23 00-0189)* | | |
| 06 05 23 00-0201 | EA | 2-5/8" Or 4" Toothed Ring | 10.12 | 3.18 |
| | | *For >10 To 50, Deduct* | *-0.36* | |
| | | *For >50 To 100, Deduct* | *-0.79* | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 500, Deduct* | *-2.73* | |
| | | *For >500, Deduct* | *-3.87* | |
| **06 05 23 00-0202** | | **Straps And Shields** *(06 05 23)* | | |
| **06 05 23 00-0203** | | **Shield Plate** *(06 05 23 00-0202)* | | |
| 06 05 23 00-0204 | EA | 5" Wide x 8" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN58Z) | 7.55 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-0.84* | |
| | | *For >500, Deduct* | *-1.25* | |
| 06 05 23 00-0205 | EA | 5" Wide x 16" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN516Z) | 11.70 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.36* | |
| | | *For >100 To 250, Deduct* | *-0.71* | |
| | | *For >250 To 500, Deduct* | *-1.20* | |
| | | *For >500, Deduct* | *-1.76* | |
| **06 05 23 00-0206** | | **Strap Ties** *(06 05 23 00-0202)* | | |
| 06 05 23 00-0207 | EA | 1-1/4" Wide x 9" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA9) | 2.61 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.11* | |
| | | *For >100 To 250, Deduct* | *-0.22* | |
| | | *For >250 To 500, Deduct* | *-0.41* | |
| | | *For >500, Deduct* | *-0.65* | |
| 06 05 23 00-0208 | EA | 1-1/4" Wide x 12" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA12) | 2.70 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.11* | |
| | | *For >100 To 250, Deduct* | *-0.22* | |
| | | *For >250 To 500, Deduct* | *-0.42* | |
| | | *For >500, Deduct* | *-0.66* | |
| 06 05 23 00-0209 | EA | 1-1/4" Wide x 15" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA15) | 3.63 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.14* | |
| | | *For >100 To 250, Deduct* | *-0.29* | |
| | | *For >250 To 500, Deduct* | *-0.54* | |
| | | *For >500, Deduct* | *-0.86* | |
| 06 05 23 00-0210 | EA | 1-1/4" Wide x 18" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA18) | 3.88 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-0.88* | |
| 06 05 23 00-0211 | EA | 1-1/4" Wide x 21" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA21) | 4.10 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.16* | |
| | | *For >100 To 250, Deduct* | *-0.31* | |
| | | *For >250 To 500, Deduct* | *-0.58* | |
| | | *For >500, Deduct* | *-0.90* | |
| 06 05 23 00-0212 | EA | 1-1/4" Wide x 24" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA24) | 4.75 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.18* | |
| | | *For >100 To 250, Deduct* | *-0.37* | |
| | | *For >250 To 500, Deduct* | *-0.68* | |
| | | *For >500, Deduct* | *-1.07* | |
| 06 05 23 00-0213 | EA | 1-1/4" Wide x 30" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA30) | 5.35 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.72* | |
| | | *For >500, Deduct* | *-1.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0214 | EA | 1-1/4" Wide x 36" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA36) | 6.41 | |
| | | *For >10 To 50, Deduct* | *-0.08* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100 To 250, Deduct* | *-0.47* | |
| | | *For >250 To 500, Deduct* | *-0.86* | |
| | | *For >500, Deduct* | *-1.33* | |
| 06 05 23 00-0215 | EA | 1-1/4" Wide x 9" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA9) | 2.70 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.11* | |
| | | *For >100 To 250, Deduct* | *-0.22* | |
| | | *For >250 To 500, Deduct* | *-0.42* | |
| | | *For >500, Deduct* | *-0.66* | |
| 06 05 23 00-0216 | EA | 1-1/4" Wide x 12" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA12) | 2.99 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.12* | |
| | | *For >100 To 250, Deduct* | *-0.24* | |
| | | *For >250 To 500, Deduct* | *-0.44* | |
| | | *For >500, Deduct* | *-0.69* | |
| 06 05 23 00-0217 | EA | 1-1/4" Wide x 15" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA15) | 3.82 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-0.88* | |
| 06 05 23 00-0218 | EA | 1-1/4" Wide x 18" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA18) | 4.15 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.16* | |
| | | *For >100 To 250, Deduct* | *-0.32* | |
| | | *For >250 To 500, Deduct* | *-0.58* | |
| | | *For >500, Deduct* | *-0.91* | |
| 06 05 23 00-0219 | EA | 1-1/4" Wide x 21" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA21) | 4.47 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.17* | |
| | | *For >100 To 250, Deduct* | *-0.33* | |
| | | *For >250 To 500, Deduct* | *-0.60* | |
| | | *For >500, Deduct* | *-0.94* | |
| 06 05 23 00-0220 | EA | 1-1/4" Wide x 24" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA24) | 5.22 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 250, Deduct* | *-0.39* | |
| | | *For >250 To 500, Deduct* | *-0.71* | |
| | | *For >500, Deduct* | *-1.11* | |
| 06 05 23 00-0221 | EA | 1-1/4" Wide x 30" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA30) | 5.71 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.75* | |
| | | *For >500, Deduct* | *-1.16* | |
| 06 05 23 00-0222 | EA | 1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA36) | 6.99 | |
| | | *For >10 To 50, Deduct* | *-0.08* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100 To 250, Deduct* | *-0.50* | |
| | | *For >250 To 500, Deduct* | *-0.90* | |
| | | *For >500, Deduct* | *-1.39* | |
| 06 05 23 00-0223 | EA | 1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA49) | 9.24 | |
| | | *For >10 To 50, Deduct* | *-0.09* | |
| | | *For >50 To 100, Deduct* | *-0.32* | |
| | | *For >100 To 250, Deduct* | *-0.63* | |
| | | *For >250 To 500, Deduct* | *-1.12* | |
| | | *For >500, Deduct* | *-1.71* | |
| 06 05 23 00-0224 | EA | 1-1/4" Wide x 9" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST9) | 3.09 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.12* | |
| | | *For >100 To 250, Deduct* | *-0.24* | |
| | | *For >250 To 500, Deduct* | *-0.45* | |
| | | *For >500, Deduct* | *-0.70* | |
| 06 05 23 00-0225 | EA | 1-1/4" Wide x 12" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST12) | 3.44 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.13* | |
| | | *For >100 To 250, Deduct* | *-0.26* | |
| | | *For >250 To 500, Deduct* | *-0.47* | |
| | | *For >500, Deduct* | *-0.74* | |
| 06 05 23 00-0226 | EA | 1-1/4" Wide x 18" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST18) | 4.73 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.17* | |
| | | *For >100 To 250, Deduct* | *-0.34* | |
| | | *For >250 To 500, Deduct* | *-0.62* | |
| | | *For >500, Deduct* | *-0.97* | |
| 06 05 23 00-0227 | EA | 1-1/4" Wide x 22" Long, 16 Gauge, Strap Tie® (Simpson Strong Tie ST22) | 6.21 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.79* | |
| | | *For >500, Deduct* | *-1.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0228 | EA | 1-3/8" Wide x 6" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS6) | 4.11 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.29* | |
| | | *For >250 To 500, Deduct* | *-0.52* | |
| | | *For >500, Deduct* | *-0.80* | |
| 06 05 23 00-0229 | EA | 1-3/8" Wide x 8" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS8) | 4.39 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.31* | |
| | | *For >250 To 500, Deduct* | *-0.54* | |
| | | *For >500, Deduct* | *-0.83* | |
| 06 05 23 00-0230 | EA | 1-3/8" Wide x 12" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS12) | 6.06 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.72* | |
| | | *For >500, Deduct* | *-1.10* | |
| 06 05 23 00-0231 | EA | 2-1/16" Wide x 27" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST27) | 11.32 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.35* | |
| | | *For >100 To 250, Deduct* | *-0.69* | |
| | | *For >250 To 500, Deduct* | *-1.17* | |
| | | *For >500, Deduct* | *-1.72* | |
| 06 05 23 00-0232 | EA | 2-1/16" Wide x 37" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST37) | 15.52 | |
| | | *For >10 To 50, Deduct* | *-0.08* | |
| | | *For >50 To 100, Deduct* | *-0.46* | |
| | | *For >100 To 250, Deduct* | *-0.93* | |
| | | *For >250 To 500, Deduct* | *-1.54* | |
| | | *For >500, Deduct* | *-2.24* | |
| 06 05 23 00-0233 | EA | 2-1/16" Wide x 48" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST48) | 20.74 | |
| | | *For >10 To 50, Deduct* | *-0.09* | |
| | | *For >50 To 100, Deduct* | *-0.60* | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-1.98* | |
| | | *For >500, Deduct* | *-2.86* | |
| 06 05 23 00-0234 | EA | 2-1/16" Wide x 60" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST60) | 30.51 | |
| | | *For >10 To 50, Deduct* | *-0.10* | |
| | | *For >50 To 100, Deduct* | *-0.86* | |
| | | *For >100 To 250, Deduct* | *-1.72* | |
| | | *For >250 To 500, Deduct* | *-2.77* | |
| | | *For >500, Deduct* | *-3.94* | |
| 06 05 23 00-0235 | EA | 2-1/16" Wide x 72" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST72) | 39.62 | |
| | | *For >10 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-1.10* | |
| | | *For >100 To 250, Deduct* | *-2.20* | |
| | | *For >250 To 500, Deduct* | *-3.51* | |
| | | *For >500, Deduct* | *-4.95* | |
| 06 05 23 00-0236 | EA | 3" Wide x 28" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC28) | 12.21 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.37* | |
| | | *For >100 To 250, Deduct* | *-0.74* | |
| | | *For >250 To 500, Deduct* | *-1.24* | |
| | | *For >500, Deduct* | *-1.81* | |
| 06 05 23 00-0237 | EA | 3" Wide x 40" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC40) | 16.83 | |
| | | *For >10 To 50, Deduct* | *-0.08* | |
| | | *For >50 To 100, Deduct* | *-0.50* | |
| | | *For >100 To 250, Deduct* | *-0.99* | |
| | | *For >250 To 500, Deduct* | *-1.64* | |
| | | *For >500, Deduct* | *-2.38* | |
| 06 05 23 00-0238 | EA | 3" Wide x 52" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC52) | 21.11 | |
| | | *For >10 To 50, Deduct* | *-0.09* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 250, Deduct* | *-1.23* | |
| | | *For >250 To 500, Deduct* | *-2.01* | |
| | | *For >500, Deduct* | *-2.90* | |
| 06 05 23 00-0239 | EA | 3" Wide x 66" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC66) | 31.21 | |
| | | *For >10 To 50, Deduct* | *-0.10* | |
| | | *For >50 To 100, Deduct* | *-0.88* | |
| | | *For >100 To 250, Deduct* | *-1.75* | |
| | | *For >250 To 500, Deduct* | *-2.82* | |
| | | *For >500, Deduct* | *-4.01* | |

## 06 05 23 00-0240 Twist Strap Ties *(06 05 23 00-0202)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0241 | EA | 1-1/4" Wide x 9" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS9) | 3.57 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.13* | |
| | | *For >100 To 250, Deduct* | *-0.26* | |
| | | *For >250 To 500, Deduct* | *-0.48* | |
| | | *For >500, Deduct* | *-0.75* | |
| 06 05 23 00-0242 | EA | 1-1/4" Wide x 12" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS12) | 4.23 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.53* | |
| | | *For >500, Deduct* | *-0.82* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 05 23 00-0243 | EA | 1-1/4" Wide x 18" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS18) | 5.79 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.70* | |
| | | *For >500, Deduct* | *-1.07* | |
| 06 05 23 00-0244 | EA | 1-1/4" Wide x 22" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS22) | 6.84 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100 To 250, Deduct* | *-0.47* | |
| | | *For >250 To 500, Deduct* | *-0.83* | |
| | | *For >500, Deduct* | *-1.28* | |

### 06 05 23 00-0245 Retrofit Plate Strap *(06 05 23 00-0202)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0246 | EA | 1-3/8" Wide x 18" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS18) | 5.06 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.18* | |
| | | *For >100 To 250, Deduct* | *-0.36* | |
| | | *For >250 To 500, Deduct* | *-0.65* | |
| | | *For >500, Deduct* | *-1.00* | |
| 06 05 23 00-0247 | EA | 1-3/8" Wide x 22" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS22) | 5.68 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.39* | |
| | | *For >250 To 500, Deduct* | *-0.69* | |
| | | *For >500, Deduct* | *-1.06* | |
| 06 05 23 00-0248 | EA | 1-3/8" Wide x 28" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS28) | 6.64 | |
| | | *For >10 To 50, Deduct* | *-0.05* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.77* | |
| | | *For >500, Deduct* | *-1.16* | |

### 06 05 23 00-0249 Stud Shoe *(06 05 23 00-0202)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0250 | EA | 6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS1.5) | 9.85 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.31* | |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.06* | |
| | | *For >500, Deduct* | *-1.58* | |
| 06 05 23 00-0251 | EA | 6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS2.5) | 15.37 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.45* | |
| | | *For >100 To 250, Deduct* | *-0.90* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-2.13* | |
| 06 05 23 00-0252 | EA | 6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS3) | 16.95 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.49* | |
| | | *For >100 To 250, Deduct* | *-0.98* | |
| | | *For >250 To 500, Deduct* | *-1.59* | |
| | | *For >500, Deduct* | *-2.29* | |
| 06 05 23 00-0253 | EA | 6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie SS4.5) | 22.24 | |
| | | *For >10 To 50, Deduct* | *-0.06* | |
| | | *For >50 To 100, Deduct* | *-0.62* | |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 500, Deduct* | *-1.99* | |
| | | *For >500, Deduct* | *-2.82* | |

### 06 05 23 00-0254 Nail Stops *(06 05 23 00-0202)*

| | | | | |
|---|---|---|---|---|
| 06 05 23 00-0255 | EA | 1-1/2" Wide x 3" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS1) | 2.39 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.10* | |
| | | *For >100 To 250, Deduct* | *-0.21* | |
| | | *For >250 To 500, Deduct* | *-0.39* | |
| | | *For >500, Deduct* | *-0.63* | |
| 06 05 23 00-0256 | EA | 1-1/2" Wide x 6" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS2) | 2.87 | |
| | | *For >10 To 50, Deduct* | *-0.04* | |
| | | *For >50 To 100, Deduct* | *-0.11* | |
| | | *For >100 To 250, Deduct* | *-0.23* | |
| | | *For >250 To 500, Deduct* | *-0.43* | |
| | | *For >500, Deduct* | *-0.68* | |

## 06 05 73 Wood Treatment *(06 05)*

### **06 05 73 13 Fire-Retardant Wood Treatment** *(06 05 73)*

#### 06 05 73 13-0001 Preservative Treated Lumber *(06 05 73 13)*

#### 06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber *(06 05 73 13-0001)*

| | | | | |
|---|---|---|---|---|
| 06 05 73 13-0003 | MBF | Fire Retardant Treatment (FRT) For Lumber | 671.93 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 06 05 73 33 Preservative Wood Treatment *(06 05 73)*

06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses *(06 05 73 33)*

| | | | | |
|---|---|---|---|---|
| 06 05 73 33-0002 | MBF | Preservative Treatment For Marine And Fresh Water Lumber | 292.30 | |

## 06 10 Rough Carpentry *(06)*

### 06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

### 06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 11 13 00-0003 | LF | Two 2" x 6" Built-up Wood Beam Or Joist | 5.86 | 1.48 |
| | | *For Each Additional 2" x_" In The Built Up Member, Add* | *1.80* | |
| 06 11 13 00-0004 | LF | Two 2" x 8" Built-up Wood Beam Or Joist | 7.71 | 1.75 |
| | | *For Each Additional 2" x_" In The Built Up Member, Add* | *2.55* | |
| 06 11 13 00-0005 | LF | Two 2" x 10" Built-up Wood Beam Or Joist | 10.24 | 2.10 |
| | | *For Each Additional 2" x_" In The Built Up Member, Add* | *3.55* | |

06 11 13 00-0006 Built-Up Posts *(06 11 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 11 13 00-0007 | LF | Two 2" x 6" Built-up Wood Post | 5.86 | 1.48 |
| | | *For Each Additional 2" x_" In The Built Up Member, Add* | *1.80* | |
| 06 11 13 00-0008 | LF | Two 2" x 8" Built-up Wood Post | 7.71 | 1.75 |
| | | *For Each Additional 2" x_" In The Built Up Member, Add* | *2.55* | |
| 06 11 13 00-0009 | LF | Two 2" x 10" Built-up Wood Post | 10.24 | 2.10 |
| | | *For Each Additional 2" x_" In The Built Up Member, Add* | *3.55* | |

### 06 11 16 Mechanically Graded Lumber *(06 11)*

06 11 16 00-0001 Rafters And Joists *(06 11 16)*

06 11 16 00-0002 Rafters *(06 11 16 00-0001)*

Note: An inclined roof framing member to which a roof covering is attached.

| | | | | |
|---|---|---|---|---|
| 06 11 16 00-0003 | LF | 2" x 6" Wood Rafter | 3.20 | 1.05 |
| 06 11 16 00-0004 | LF | 2" x 8" Wood Rafter | 4.03 | 1.13 |
| 06 11 16 00-0005 | LF | 2" x 10" Wood Rafter | 5.72 | 1.65 |
| 06 11 16 00-0006 | LF | 2" x 12" Wood Rafter | 6.74 | 1.83 |
| 06 11 16 00-0007 | LF | 2" x 14" Wood Rafter | 7.39 | 2.00 |
| 06 11 16 00-0008 | LF | 2" x 6" Pressure Treated Wood Rafter | 3.92 | 1.05 |
| 06 11 16 00-0009 | LF | 2" x 8" Pressure Treated Wood Rafter | 5.02 | 1.13 |
| 06 11 16 00-0010 | LF | 2" x 10" Pressure Treated Wood Rafter | 6.56 | 1.65 |
| 06 11 16 00-0011 | LF | 2" x 12" Pressure Treated Wood Rafter | 8.16 | 1.83 |

06 11 16 00-0012 Joists *(06 11 16 00-0001)*

Note: A series of parallel beams to support floors or ceilings.

| | | | | |
|---|---|---|---|---|
| 06 11 16 00-0013 | LF | 2" x 6" Wood Floor Joist | 2.93 | 0.87 |
| 06 11 16 00-0014 | LF | 2" x 8" Wood Floor Joist | 3.86 | 0.96 |
| 06 11 16 00-0015 | LF | 2" x 10" Wood Floor Joist | 5.11 | 1.22 |
| 06 11 16 00-0016 | LF | 2" x 12" Wood Floor Joist | 6.12 | 1.40 |
| 06 11 16 00-0017 | LF | 2" x 14" Wood Floor Joist | 6.77 | 1.48 |
| 06 11 16 00-0018 | LF | 2" x 6" Pressure Treated Wood Floor Joist | 3.65 | 0.87 |
| 06 11 16 00-0019 | LF | 2" x 8" Pressure Treated Wood Floor Joist | 4.85 | 0.96 |
| 06 11 16 00-0020 | LF | 2" x 10" Pressure Treated Wood Floor Joist | 5.95 | 1.22 |
| 06 11 16 00-0021 | LF | 2" x 12" Pressure Treated Wood Floor Joist | 7.54 | 1.40 |

06 11 16 00-0022 Purlins *(06 11 16 00-0001)*

Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.

| | | | | |
|---|---|---|---|---|
| 06 11 16 00-0023 | LF | 2" x 4" Wood Purlin | 2.12 | 0.52 |
| 06 11 16 00-0024 | LF | 2" x 6" Wood Purlin | 2.95 | 0.58 |
| 06 11 16 00-0025 | LF | 2" x 8" Wood Purlin | 3.81 | 0.64 |
| 06 11 16 00-0026 | LF | 2" x 10" Wood Purlin | 4.94 | 0.70 |
| 06 11 16 00-0027 | LF | 2" x 4" Pressure Treated Wood Purlin | 2.56 | 0.52 |
| 06 11 16 00-0028 | LF | 2" x 6" Pressure Treated Wood Purlin | 3.67 | 0.58 |
| 06 11 16 00-0029 | LF | 2" x 8" Pressure Treated Wood Purlin | 4.80 | 0.64 |
| 06 11 16 00-0030 | LF | 2" x 10" Pressure Treated Wood Purlin | 5.78 | 0.70 |

06 11 16 00-0031 Exposed Rafters Or Joists *(06 11 16 00-0001)*

06 11 16 00-0032 Redwood Rafters Or Joists *(06 11 16 00-0031)*

| | | | | |
|---|---|---|---|---|
| 06 11 16 00-0033 | LF | 2" x 6" Redwood Rafter Or Joist | 5.57 | 0.87 |
| 06 11 16 00-0034 | LF | 2" x 8" Redwood Rafter Or Joist | 6.93 | 0.96 |
| 06 11 16 00-0035 | LF | 2" x 10" Redwood Rafter Or Joist | 8.75 | 1.22 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 11 16 00-0036 | LF | 2" x 12" Redwood Rafter Or Joist | 10.72 | 1.40 |
| **06 11 16 00-0037** | | **Cedar Rafters Or Joists** *(06 11 16 00-0031)* | | |
| 06 11 16 00-0038 | LF | 2" x 6" Cedar Rafter Or Joist | 2.95 | 0.87 |
| 06 11 16 00-0039 | LF | 2" x 8" Cedar Rafter Or Joist | 3.25 | 0.96 |
| 06 11 16 00-0040 | LF | 2" x 10" Cedar Rafter Or Joist | 3.62 | 1.22 |
| 06 11 16 00-0041 | LF | 2" x 12" Cedar Rafter Or Joist | 4.00 | 1.40 |
| **06 11 16 00-0042** | | **Oak Rafters Or Joists** *(06 11 16 00-0031)* | | |
| 06 11 16 00-0043 | LF | 2" x 6" Oak Rafter Or Joist | 4.02 | 0.87 |
| 06 11 16 00-0044 | LF | 2" x 8" Oak Rafter Or Joist | 5.96 | 0.96 |
| 06 11 16 00-0045 | LF | 2" x 10" Oak Rafter Or Joist | 7.98 | 1.22 |
| 06 11 16 00-0046 | LF | 2" x 12" Oak Rafter Or Joist | 10.00 | 1.40 |
| **06 11 16 00-0047** | | **Framing** *(06 11 16)* | | |
| **06 11 16 00-0048** | | **Partition Framing** *(06 11 16 00-0047)* | | |
| 06 11 16 00-0049 | LF | 2" x 4" Wood Stud Framing, For Partition Walls | 2.08 | 0.70 |
| 06 11 16 00-0050 | LF | 2" x 6" Wood Stud Framing, For Partition Walls | 2.85 | 0.74 |
| 06 11 16 00-0051 | LF | 2" x 8" Wood Stud Framing, For Partition Walls | 3.64 | 0.78 |
| 06 11 16 00-0052 | LF | 2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls | 2.52 | 0.70 |
| 06 11 16 00-0053 | LF | 2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls | 3.57 | 0.74 |
| 06 11 16 00-0054 | LF | 2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls | 4.63 | 0.78 |
| **06 11 16 00-0055** | | **Wall Framing Assemblies By The SF** *(06 11 16 00-0047)* | | |
| | | Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage. | | |
| **06 11 16 00-0056** | | **Wall Framing By The SF, 12" On Center** *(06 11 16 00-0055)* | | |
| 06 11 16 00-0057 | SF | 2" x 4" Wood Wall Framing At 12" On Center | 2.79 | 0.84 |
| | | *For Up To 200, Add* | *0.81* | |
| | | *For >200 To 500, Add* | *0.40* | |
| 06 11 16 00-0058 | SF | 2" x 6" Wood Wall Framing At 12" On Center | 3.90 | 1.08 |
| | | *For Up To 200, Add* | *1.10* | |
| | | *For >200 To 500, Add* | *0.55* | |
| 06 11 16 00-0059 | SF | 2" x 8" Wood Wall Framing At 12" On Center | 5.21 | 1.44 |
| | | *For Up To 200, Add* | *1.47* | |
| | | *For >200 To 500, Add* | *0.73* | |
| **06 11 16 00-0060** | | **Wall Framing By The SF, 16" On Center** *(06 11 16 00-0055)* | | |
| 06 11 16 00-0061 | SF | 2" x 4" Wood Wall Framing At 16" On Center | 2.29 | 0.68 |
| | | *For Up To 200, Add* | *0.66* | |
| | | *For >200 To 500, Add* | *0.33* | |
| 06 11 16 00-0062 | SF | 2" x 6" Wood Wall Framing At 16" On Center | 3.25 | 0.90 |
| | | *For Up To 200, Add* | *0.92* | |
| | | *For >200 To 500, Add* | *0.46* | |
| 06 11 16 00-0063 | SF | 2" x 8" Wood Wall Framing At 16" On Center | 4.33 | 1.20 |
| | | *For Up To 200, Add* | *1.22* | |
| | | *For >200 To 500, Add* | *0.61* | |
| **06 11 16 00-0064** | | **Wall Framing By The SF, 24" On Center** *(06 11 16 00-0055)* | | |
| 06 11 16 00-0065 | SF | 2" x 4" Wood Wall Framing At 24" On Center | 1.81 | 0.53 |
| | | *For Up To 200, Add* | *0.52* | |
| | | *For >200 To 500, Add* | *0.26* | |
| 06 11 16 00-0066 | SF | 2" x 6" Wood Wall Framing At 24" On Center | 2.56 | 0.70 |
| | | *For Up To 200, Add* | *0.72* | |
| | | *For >200 To 500, Add* | *0.36* | |
| 06 11 16 00-0067 | SF | 2" x 8" Wood Wall Framing At 24" On Center | 3.41 | 0.94 |
| | | *For Up To 200, Add* | *0.96* | |
| | | *For >200 To 500, Add* | *0.48* | |
| **06 11 16 00-0068** | | **Sills And Plates** *(06 11 16)* | | |
| **06 11 16 00-0069** | | **Sills** *(06 11 16 00-0068)* | | |
| | | Note: A horizontal member which rests on and is attached to the foundation. | | |
| 06 11 16 00-0070 | LF | 2" x 4" Wood Sill | 3.03 | 1.31 |
| 06 11 16 00-0071 | LF | 2" x 6" Wood Sill | 3.98 | 1.48 |
| 06 11 16 00-0072 | LF | 2" x 8" Wood Sill | 5.02 | 1.65 |
| 06 11 16 00-0073 | LF | 2" x 4" Pressure Treated Wood Sill | 3.47 | 1.31 |
| 06 11 16 00-0074 | LF | 2" x 6" Pressure Treated Wood Sill | 4.70 | 1.48 |
| 06 11 16 00-0075 | LF | 2" x 8" Pressure Treated Wood Sill | 6.01 | 1.65 |
| **06 11 16 00-0076** | | **Plates** *(06 11 16 00-0068)* | | |
| | | Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 11 16 00-0077 | LF | 2" x 4" Wood Plate | 3.03 | 1.31 |
| 06 11 16 00-0078 | LF | 2" x 6" Wood Plate | 3.98 | 1.48 |
| 06 11 16 00-0079 | LF | 2" x 8" Wood Plate | 5.00 | 1.65 |
| 06 11 16 00-0080 | LF | 2" x 4" Pressure Treated Wood Plate | 3.47 | 1.31 |
| 06 11 16 00-0081 | LF | 2" x 6" Pressure Treated Wood Plate | 4.70 | 1.48 |
| 06 11 16 00-0082 | LF | 2" x 8" Pressure Treated Wood Plate | 5.99 | 1.65 |
| 06 11 16 00-0083 | | Suspended Ceiling Framing *(06 11 16)* | | |
| 06 11 16 00-0084 | LF | 1" x 2" Wood Suspended Ceiling Framing | 2.24 | 1.13 |
| 06 11 16 00-0085 | LF | 1" x 3" Wood Suspended Ceiling Framing | 2.57 | 1.22 |
| 06 11 16 00-0086 | LF | 2" x 2" Wood Suspended Ceiling Framing | 2.90 | 1.31 |
| 06 11 16 00-0087 | LF | 2" x 4" Wood Suspended Ceiling Framing | 3.46 | 1.48 |
| 06 11 16 00-0088 | LF | 1" x 2" Pressure Treated Wood Suspended Ceiling Framing | 2.65 | 1.13 |
| 06 11 16 00-0089 | LF | 1" x 3" Pressure Treated Wood Suspended Ceiling Framing | 2.53 | 1.22 |
| 06 11 16 00-0090 | LF | 2" x 2" Pressure Treated Wood Suspended Ceiling Framing | 3.28 | 1.31 |
| 06 11 16 00-0091 | LF | 2" x 4" Pressure Treated Wood Suspended Ceiling Framing | 3.78 | 1.48 |
| 06 11 16 00-0092 | | Posts And Girts *(06 11 16)* | | |
| 06 11 16 00-0093 | | Posts *(06 11 16 00-0092)* | | |
| | | Note: A vertical, upright framing member. | | |
| 06 11 16 00-0094 | LF | 4" x 4" Wood Post | 4.68 | 1.65 |
| 06 11 16 00-0095 | LF | 4" x 5" Wood Post | 5.39 | 1.92 |
| 06 11 16 00-0096 | LF | 4" x 6" Wood Post | 5.90 | 2.10 |
| 06 11 16 00-0097 | LF | 6" x 6" Wood Post | 6.60 | 2.27 |
| 06 11 16 00-0098 | LF | 8" x 8" Wood Post | 7.31 | 2.35 |
| 06 11 16 00-0099 | LF | 10" x 10" Wood Post | 8.01 | 2.70 |
| 06 11 16 00-0100 | LF | 4" x 4" Pressure Treated Wood Post | 6.38 | 1.65 |
| 06 11 16 00-0101 | LF | 3" x 6" Pressure Treated Wood Post | 7.26 | 2.10 |
| 06 11 16 00-0102 | LF | 4" x 6" Pressure Treated Wood Post | 8.40 | 2.10 |
| 06 11 16 00-0103 | LF | 6" x 6" Pressure Treated Wood Post | 11.33 | 2.27 |
| 06 11 16 00-0104 | | Girts *(06 11 16 00-0092)* | | |
| | | Note: A horizontal member at intermediate level between columns, studs, or posts. | | |
| 06 11 16 00-0105 | LF | 2" x 4" Wood Girt | 2.32 | 0.63 |
| 06 11 16 00-0106 | LF | 2" x 6" Wood Girt | 3.18 | 0.69 |
| 06 11 16 00-0107 | LF | 2" x 8" Wood Girt | 4.07 | 0.76 |
| 06 11 16 00-0108 | LF | 2" x 10" Wood Girt | 5.22 | 0.84 |
| 06 11 16 00-0109 | LF | 4" x 4" Wood Girt | 4.42 | 1.25 |
| 06 11 16 00-0110 | LF | 4" x 5" Wood Girt | 5.14 | 1.42 |
| 06 11 16 00-0111 | LF | 4" x 6" Wood Girt | 5.85 | 1.57 |
| 06 11 16 00-0112 | LF | 6" x 6" Wood Girt | 6.56 | 1.73 |
| 06 11 16 00-0113 | LF | 8" x 8" Wood Girt | 7.28 | 1.88 |
| 06 11 16 00-0114 | LF | 10" x 10" Wood Girt | 7.98 | 2.06 |
| 06 11 16 00-0115 | LF | 2" x 4" Pressure Treated Wood Girt | 2.76 | 0.63 |
| 06 11 16 00-0116 | LF | 2" x 6" Pressure Treated Wood Girt | 3.90 | 0.69 |
| 06 11 16 00-0117 | LF | 2" x 8" Pressure Treated Wood Girt | 5.06 | 0.76 |
| 06 11 16 00-0118 | LF | 2" x 10" Pressure Treated Wood Girt | 6.06 | 0.84 |
| 06 11 16 00-0119 | LF | 4" x 4" Pressure Treated Wood Girt | 6.38 | 1.25 |
| 06 11 16 00-0120 | LF | 3" x 6" Pressure Treated Wood Girt | 7.26 | 1.57 |
| 06 11 16 00-0121 | LF | 4" x 6" Pressure Treated Wood Girt | 8.40 | 1.57 |
| 06 11 16 00-0122 | LF | 6" x 6" Pressure Treated Wood Girt | 11.33 | 1.73 |
| 06 11 16 00-0123 | | Stair Stringers *(06 11 16)* | | |
| | | See CSI section 06 43 13 00-0001 for treads and risers. | | |
| 06 11 16 00-0124 | LF | 2" x 10" Wood Stair Stringer | 8.71 | 3.49 |
| 06 11 16 00-0125 | LF | 2" x 12" Wood Stair Stringer | 10.45 | 4.10 |
| 06 11 16 00-0126 | LF | 2" x 10" Pressure Treated Wood Stair Stringer | 9.61 | 3.49 |
| 06 11 16 00-0127 | LF | 2" x 12" Pressure Treated Wood Stair Stringer | 11.82 | 4.10 |
| 06 11 16 00-0128 | | Blocking *(06 11 16)* | | |
| 06 11 16 00-0129 | | Blocking *(06 11 16 00-0128)* | | |
| 06 11 16 00-0130 | | Blocking To Wood *(06 11 16 00-0129)* | | |
| 06 11 16 00-0131 | LF | 2" x 4" Pressure Treated Wood Blocking To Wood | 6.38 | 2.09 |
| 06 11 16 00-0132 | LF | 2" x 6" Pressure Treated Wood Blocking To Wood | 8.25 | 2.31 |
| 06 11 16 00-0133 | LF | 2" x 8" Pressure Treated Wood Blocking To Wood | 9.77 | 2.54 |
| 06 11 16 00-0134 | LF | 4" x 4" Pressure Treated Wood Blocking To Wood | 11.88 | 2.79 |
| 06 11 16 00-0135 | LF | 4" x 6" Pressure Treated Wood Blocking To Wood | 12.57 | 3.07 |
| 06 11 16 00-0136 | LF | 2" x 4" Wood Blocking To Wood | 5.27 | 2.09 |
| 06 11 16 00-0137 | LF | 2" x 6" Wood Blocking To Wood | 6.41 | 2.31 |
| 06 11 16 00-0138 | LF | 2" x 8" Wood Blocking To Wood | 7.63 | 2.54 |
| 06 11 16 00-0139 | LF | 4" x 4" Wood Blocking To Wood | 7.75 | 2.79 |
| 06 11 16 00-0140 | LF | 4" x 6" Wood Blocking To Wood | 8.89 | 3.07 |
| 06 11 16 00-0141 | | Blocking To Steel *(06 11 16 00-0129)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 11 16 00-0142 | LF | 2" x 4" Pressure Treated Wood Blocking To Steel | 7.23 | 2.41 |
| 06 11 16 00-0143 | LF | 2" x 6" Pressure Treated Wood Blocking To Steel | 9.31 | 2.66 |
| 06 11 16 00-0144 | LF | 2" x 8" Pressure Treated Wood Blocking To Steel | 11.00 | 2.92 |
| 06 11 16 00-0145 | LF | 2" x 4" Wood Blocking To Steel | 6.01 | 2.41 |
| 06 11 16 00-0146 | LF | 2" x 6" Wood Blocking To Steel | 7.29 | 2.66 |
| 06 11 16 00-0147 | LF | 2" x 8" Wood Blocking To Steel | 8.64 | 2.92 |
| **06 11 16 00-0148** | | **Blocking To Concrete** *(06 11 16 00-0129)* | | |
| 06 11 16 00-0149 | LF | 2" x 4" Pressure Treated Wood Blocking To Concrete | 7.23 | 2.41 |
| 06 11 16 00-0150 | LF | 2" x 6" Pressure Treated Wood Blocking To Concrete | 9.31 | 2.66 |
| 06 11 16 00-0151 | LF | 2" x 8" Pressure Treated Wood Blocking To Concrete | 11.00 | 2.92 |
| 06 11 16 00-0152 | LF | 2" x 4" Wood Blocking To Concrete | 6.01 | 2.41 |
| 06 11 16 00-0153 | LF | 2" x 6" Wood Blocking To Concrete | 7.29 | 2.66 |
| 06 11 16 00-0154 | LF | 2" x 8" Wood Blocking To Concrete | 8.64 | 2.92 |
| **06 11 16 00-0155** | | **Pressure Treated Lattice** *(06 11 16 00-0128)* | | |
| 06 11 16 00-0156 | SF | 3/4" Thick Pressure Treated Wood Lattice | 10.09 | 1.83 |
| **06 11 16 00-0157** | | **Roofing Nailers** *(06 11 16)* | | |
| 06 11 16 00-0158 | LF | 2" x 4" Pressure Treated Lumber, For Roofing Nailers | 3.51 | 0.70 |
| 06 11 16 00-0159 | LF | 2" x 6" Pressure Treated Lumber, For Roofing Nailers | 4.62 | 0.74 |
| 06 11 16 00-0160 | LF | 2" x 8" Pressure Treated Lumber, For Roofing Nailers | 5.72 | 0.78 |
| **06 11 16 00-0161** | | **Roofing Sleepers** *(06 11 16)* | | |
| 06 11 16 00-0162 | LF | 2" x 4" Pressure Treated Lumber, For Roofing Sleepers | 2.17 | |
| 06 11 16 00-0163 | LF | 4" x 4" Pressure Treated Lumber, For Roofing Sleepers | 5.13 | |
| 06 11 16 00-0164 | LF | 4" x 6" Pressure Treated Lumber, For Roofing Sleepers | 6.82 | |
| 06 11 16 00-0165 | LF | 6" x 6" Pressure Treated Lumber, For Roofing Sleepers | 9.62 | |
| **06 11 16 00-0166** | | **Canopy Framing, Bridging, And Furring** *(06 11 16)* | | |
| **06 11 16 00-0167** | | **Wood And Steel Bridging** *(06 11 16 00-0166)* | | |
| **06 11 16 00-0168** | | **Wood Bridging** *(06 11 16 00-0167)* | | |
| 06 11 16 00-0169 | EA | 1 Pair Wood Bridging, 1" x 3" Cross Type<br>Note: For joists spaced at 16" on center. | 7.65 | 3.06 |
| 06 11 16 00-0170 | EA | 1 Pair Wood Bridging, 2" x 3" Cross Type<br>Note: For joists spaced at 16" on center. | 8.24 | 3.06 |
| **06 11 16 00-0171** | | **Steel Bridging** *(06 11 16 00-0167)* | | |
| 06 11 16 00-0172 | EA | 1 Pair Steel Bridging, Wood Joists At 16" On Center | 8.81 | 3.06 |
| 06 11 16 00-0173 | EA | 1 Pair Steel Bridging, Wood Joists At 24" On Center | 8.78 | 3.06 |
| **06 11 16 00-0174** | | **Light Framing, Trim And Furring** *(06 11 16 00-0166)* | | |
| **06 11 16 00-0175** | | **Pine/Spruce/Fir Light Framing, Trim And Furring** *(06 11 16 00-0174)* | | |
| 06 11 16 00-0176 | LF | 1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring | 1.77 | 0.72 |
| 06 11 16 00-0177 | LF | 1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring | 2.06 | 0.78 |
| 06 11 16 00-0178 | LF | 1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring | 2.52 | 0.86 |
| 06 11 16 00-0179 | LF | 1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring | 2.84 | 0.96 |
| 06 11 16 00-0180 | LF | 1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring | 3.19 | 1.05 |
| 06 11 16 00-0181 | LF | 1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring | 3.54 | 1.15 |
| 06 11 16 00-0182 | LF | 2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring | 2.88 | 0.96 |
| 06 11 16 00-0183 | LF | 2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring | 3.29 | 1.05 |
| 06 11 16 00-0184 | LF | 2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring | 4.10 | 1.15 |
| 06 11 16 00-0185 | LF | 2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring | 5.08 | 1.26 |
| 06 11 16 00-0186 | LF | 2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring | 6.33 | 1.40 |
| **06 11 16 00-0187** | | **Cedar Light Framing, Trim And Furring** *(06 11 16 00-0174)* | | |
| 06 11 16 00-0188 | LF | 1" x 1" Cedar Light Framing, Trim And Furring | 1.82 | 0.72 |
| 06 11 16 00-0189 | LF | 1" x 2" Cedar Light Framing, Trim And Furring | 2.36 | 0.78 |
| 06 11 16 00-0190 | LF | 1" x 4" Cedar Light Framing, Trim And Furring | 3.67 | 0.86 |
| 06 11 16 00-0191 | LF | 1" x 6" Cedar Light Framing, Trim And Furring | 4.81 | 0.96 |
| 06 11 16 00-0192 | LF | 1" x 8" Cedar Light Framing, Trim And Furring | 8.35 | 1.05 |
| 06 11 16 00-0193 | LF | 1" x 10" Cedar Light Framing, Trim And Furring | 10.12 | 1.15 |
| 06 11 16 00-0194 | LF | 2" x 2" Cedar Light Framing, Trim And Furring | 3.62 | 0.96 |
| 06 11 16 00-0195 | LF | 2" x 4" Cedar Light Framing, Trim And Furring | 4.39 | 1.05 |
| **06 11 16 00-0196** | | **Oak Light Framing, Trim And Furring** *(06 11 16 00-0174)* | | |
| 06 11 16 00-0197 | LF | 1" x 1" Oak Light Framing, Trim And Furring | 1.84 | 0.72 |
| 06 11 16 00-0198 | LF | 1" x 2" Oak Light Framing, Trim And Furring | 2.39 | 0.78 |
| 06 11 16 00-0199 | LF | 1" x 4" Oak Light Framing, Trim And Furring | 3.38 | 0.86 |
| 06 11 16 00-0200 | LF | 1" x 6" Oak Light Framing, Trim And Furring | 4.37 | 0.96 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 11 16 00-0201 | LF | 1" x 8" Oak Light Framing, Trim And Furring | 5.40 | 1.05 |
| 06 11 16 00-0202 | LF | 1" x 10" Oak Light Framing, Trim And Furring | 6.42 | 1.15 |
| 06 11 16 00-0203 | LF | 2" x 2" Oak Light Framing, Trim And Furring | 3.55 | 0.96 |
| 06 11 16 00-0204 | LF | 2" x 4" Oak Light Framing, Trim And Furring | 5.40 | 1.05 |
| 06 11 16 00-0205 | | Redwood Light Framing, Trim And Furring *(06 11 16 00-0174)* | | |
| 06 11 16 00-0206 | LF | 1" x 1" Redwood Light Framing, Trim And Furring | 1.72 | 0.72 |
| 06 11 16 00-0207 | LF | 1" x 2" Redwood Light Framing, Trim And Furring | 2.17 | 0.78 |
| 06 11 16 00-0208 | LF | 1" x 4" Redwood Light Framing, Trim And Furring | 2.98 | 0.86 |
| 06 11 16 00-0209 | LF | 1" x 6" Redwood Light Framing, Trim And Furring | 3.88 | 0.96 |
| 06 11 16 00-0210 | LF | 1" x 8" Redwood Light Framing, Trim And Furring | 4.88 | 1.05 |
| 06 11 16 00-0211 | LF | 1" x 10" Redwood Light Framing, Trim And Furring | 5.95 | 1.15 |
| 06 11 16 00-0212 | LF | 2" x 2" Redwood Light Framing, Trim And Furring | 3.92 | 0.96 |
| 06 11 16 00-0213 | LF | 2" x 4" Redwood Light Framing, Trim And Furring | 4.93 | 1.05 |
| 06 11 16 00-0214 | | Poplar Light Framing, Trim And Furring *(06 11 16 00-0174)* | | |
| 06 11 16 00-0215 | LF | 1" x 1" Poplar Light Framing, Trim And Furring | 2.42 | 0.72 |
| 06 11 16 00-0216 | LF | 1" x 2" Poplar Light Framing, Trim And Furring | 3.26 | 0.78 |
| 06 11 16 00-0217 | LF | 1" x 4" Poplar Light Framing, Trim And Furring | 4.52 | 0.86 |
| 06 11 16 00-0218 | LF | 1" x 6" Poplar Light Framing, Trim And Furring | 6.26 | 0.96 |
| 06 11 16 00-0219 | LF | 1" x 8" Poplar Light Framing, Trim And Furring | 7.49 | 1.05 |
| 06 11 16 00-0220 | LF | 1" x 10" Poplar Light Framing, Trim And Furring | 10.63 | 1.15 |
| 06 11 16 00-0221 | LF | 1" x 12" Poplar Light Framing, Trim And Furring | 11.81 | 1.15 |
| 06 11 16 00-0222 | LF | 2" x 2" Poplar Light Framing, Trim And Furring | 9.22 | 0.96 |
| 06 11 16 00-0223 | LF | 2" x 4" Poplar Light Framing, Trim And Furring | 10.42 | 1.05 |
| 06 11 16 00-0224 | LF | 2" x 6" Poplar Light Framing, Trim And Furring | 14.76 | 1.15 |
| 06 11 16 00-0225 | | Maple Light Framing, Trim And Furring *(06 11 16 00-0174)* | | |
| 06 11 16 00-0226 | LF | 1" x 4" Maple Light Framing, Trim And Furring | 7.54 | 0.86 |
| 06 11 16 00-0227 | LF | 1" x 6" Maple Light Framing, Trim And Furring | 10.94 | 0.96 |
| 06 11 16 00-0228 | LF | 1" x 8" Maple Light Framing, Trim And Furring | 14.41 | 1.05 |

## 06 13 Heavy Timber Construction *(06 10)*

### 06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001 Heavy Timber Framing *(06 13 23)*
Note: Excludes fasteners. See CSI section 06 05 23 00-0038 for bolts and fasteners.

06 13 23 00-0002 Heavy Timber Beams *(06 13 23 00-0001)*

06 13 23 00-0003 Pine, Heavy Timber Beams *(06 13 23 00-0002)*

| | | | | |
|---|---|---|---|---|
| 06 13 23 00-0004 | LF | 4" x 4", Pine, Heavy Timber Beam | 7.90 | 1.55 |
| 06 13 23 00-0005 | LF | 4" x 6", Pine, Heavy Timber Beam | 10.44 | 1.61 |
| 06 13 23 00-0006 | LF | 4" x 8", Pine, Heavy Timber Beam | 12.97 | 1.68 |
| 06 13 23 00-0007 | LF | 4" x 10", Pine, Heavy Timber Beam | 18.17 | 1.79 |
| 06 13 23 00-0008 | LF | 4" x 12", Pine, Heavy Timber Beam | 22.35 | 1.90 |
| 06 13 23 00-0009 | LF | 6" x 6", Pine, Heavy Timber Beam | 14.28 | 1.75 |
| 06 13 23 00-0010 | LF | 6" x 8", Pine, Heavy Timber Beam | 18.04 | 1.83 |
| 06 13 23 00-0011 | LF | 6" x 10", Pine, Heavy Timber Beam | 25.82 | 1.96 |
| 06 13 23 00-0012 | LF | 6" x 12", Pine, Heavy Timber Beam | 31.83 | 2.00 |
| 06 13 23 00-0013 | LF | 8" x 8", Pine, Heavy Timber Beam | 23.01 | 1.90 |
| 06 13 23 00-0014 | LF | 8" x 10", Pine, Heavy Timber Beam | 33.12 | 1.96 |
| 06 13 23 00-0015 | LF | 8" x 12", Pine, Heavy Timber Beam | 41.16 | 2.00 |
| 06 13 23 00-0016 | LF | 10" x 10", Pine, Heavy Timber Beam | 40.58 | 2.00 |
| 06 13 23 00-0017 | LF | 10" x 12", Pine, Heavy Timber Beam | 50.73 | 2.18 |
| 06 13 23 00-0018 | LF | 12" x 12", Pine, Heavy Timber Beam | 60.43 | 2.40 |
| 06 13 23 00-0019 | | Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)* | | |
| 06 13 23 00-0020 | LF | 4" x 4", Douglas Fir, Heavy Timber Beam | 8.39 | 1.55 |
| 06 13 23 00-0021 | LF | 4" x 6", Douglas Fir, Heavy Timber Beam | 11.16 | 1.61 |
| 06 13 23 00-0022 | LF | 4" x 8", Douglas Fir, Heavy Timber Beam | 13.95 | 1.68 |
| 06 13 23 00-0023 | LF | 4" x 10", Douglas Fir, Heavy Timber Beam | 19.63 | 1.79 |
| 06 13 23 00-0024 | LF | 4" x 12", Douglas Fir, Heavy Timber Beam | 24.18 | 1.90 |
| 06 13 23 00-0025 | LF | 6" x 6", Douglas Fir, Heavy Timber Beam | 15.34 | 1.75 |
| 06 13 23 00-0026 | LF | 6" x 8", Douglas Fir, Heavy Timber Beam | 19.46 | 1.83 |
| 06 13 23 00-0027 | LF | 6" x 10", Douglas Fir, Heavy Timber Beam | 27.99 | 1.96 |
| 06 13 23 00-0028 | LF | 6" x 12", Douglas Fir, Heavy Timber Beam | 34.63 | 2.00 |
| 06 13 23 00-0029 | LF | 8" x 8", Douglas Fir, Heavy Timber Beam | 24.93 | 1.90 |
| 06 13 23 00-0030 | LF | 8" x 10", Douglas Fir, Heavy Timber Beam | 36.04 | 1.96 |
| 06 13 23 00-0031 | LF | 8" x 12", Douglas Fir, Heavy Timber Beam | 44.87 | 2.00 |
| 06 13 23 00-0032 | LF | 10" x 10", Douglas Fir, Heavy Timber Beam | 44.21 | 2.00 |
| 06 13 23 00-0033 | LF | 10" x 12", Douglas Fir, Heavy Timber Beam | 55.32 | 2.18 |
| 06 13 23 00-0034 | LF | 12" x 12", Douglas Fir, Heavy Timber Beam | 65.98 | 2.40 |
| 06 13 23 00-0035 | | Pressure Treated, Heavy Timber Beams *(06 13 23 00-0002)* | | |
| 06 13 23 00-0036 | LF | 4" x 4", Pressure Treated, Heavy Timber Beam | 8.70 | 1.55 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 13 23 00-0037 | LF | 4" x 6", Pressure Treated, Heavy Timber Beam | 12.15 | 1.61 |
| 06 13 23 00-0038 | LF | 4" x 8", Pressure Treated, Heavy Timber Beam | 15.13 | 1.68 |
| 06 13 23 00-0039 | LF | 4" x 10", Pressure Treated, Heavy Timber Beam | 21.43 | 1.79 |
| 06 13 23 00-0040 | LF | 4" x 12", Pressure Treated, Heavy Timber Beam | 26.46 | 1.90 |
| 06 13 23 00-0041 | LF | 6" x 6", Pressure Treated, Heavy Timber Beam | 18.51 | 1.75 |
| 06 13 23 00-0042 | LF | 6" x 8", Pressure Treated, Heavy Timber Beam | 23.75 | 1.83 |
| 06 13 23 00-0043 | LF | 6" x 10", Pressure Treated, Heavy Timber Beam | 29.17 | 1.96 |
| 06 13 23 00-0044 | LF | 6" x 12", Pressure Treated, Heavy Timber Beam | 37.16 | 2.00 |
| 06 13 23 00-0045 | LF | 8" x 8", Pressure Treated, Heavy Timber Beam | 37.95 | 1.90 |
| 06 13 23 00-0046 | LF | 8" x 10", Pressure Treated, Heavy Timber Beam | 44.93 | 1.96 |
| 06 13 23 00-0047 | LF | 8" x 12", Pressure Treated, Heavy Timber Beam | 53.81 | 2.00 |
| 06 13 23 00-0048 | LF | 10" x 10", Pressure Treated, Heavy Timber Beam | 54.06 | 2.00 |
| 06 13 23 00-0049 | LF | 10" x 12", Pressure Treated, Heavy Timber Beam | 73.35 | 2.18 |
| 06 13 23 00-0050 | LF | 12" x 12", Pressure Treated, Heavy Timber Beam | 87.61 | 2.40 |
| 06 13 23 00-0051 | | Heavy Timber Columns *(06 13 23 00-0001)* | | |
| 06 13 23 00-0052 | | Pine, Heavy Timber Columns *(06 13 23 00-0051)* | | |
| 06 13 23 00-0053 | LF | 4" x 4", Pine, Heavy Timber Column | 6.44 | 0.81 |
| 06 13 23 00-0054 | LF | 4" x 6", Pine, Heavy Timber Column | 8.94 | 0.86 |
| 06 13 23 00-0055 | LF | 4" x 8", Pine, Heavy Timber Column | 11.38 | 0.88 |
| 06 13 23 00-0056 | LF | 4" x 10", Pine, Heavy Timber Column | 16.47 | 0.95 |
| 06 13 23 00-0057 | LF | 4" x 12", Pine, Heavy Timber Column | 20.55 | 1.00 |
| 06 13 23 00-0058 | LF | 6" x 6", Pine, Heavy Timber Column | 12.64 | 0.91 |
| 06 13 23 00-0059 | LF | 6" x 8", Pine, Heavy Timber Column | 16.33 | 0.95 |
| 06 13 23 00-0060 | LF | 6" x 10", Pine, Heavy Timber Column | 23.96 | 1.04 |
| 06 13 23 00-0061 | LF | 6" x 12", Pine, Heavy Timber Column | 29.93 | 1.06 |
| 06 13 23 00-0062 | LF | 8" x 8", Pine, Heavy Timber Column | 21.21 | 1.00 |
| 06 13 23 00-0063 | LF | 8" x 10", Pine, Heavy Timber Column | 31.26 | 1.04 |
| 06 13 23 00-0064 | LF | 8" x 12", Pine, Heavy Timber Column | 39.22 | 1.08 |
| 06 13 23 00-0065 | LF | 10" x 10", Pine, Heavy Timber Column | 38.65 | 1.08 |
| 06 13 23 00-0066 | LF | 10" x 12", Pine, Heavy Timber Column | 48.66 | 1.15 |
| 06 13 23 00-0067 | LF | 12" x 12", Pine, Heavy Timber Column | 58.16 | 1.26 |
| 06 13 23 00-0068 | | Douglas Fir, Heavy Timber Columns *(06 13 23 00-0051)* | | |
| 06 13 23 00-0069 | LF | 4" x 4", Douglas Fir, Heavy Timber Column | 6.93 | 0.81 |
| 06 13 23 00-0070 | LF | 4" x 6", Douglas Fir, Heavy Timber Column | 9.66 | 0.86 |
| 06 13 23 00-0071 | LF | 4" x 8", Douglas Fir, Heavy Timber Column | 12.36 | 0.88 |
| 06 13 23 00-0072 | LF | 4" x 10", Douglas Fir, Heavy Timber Column | 17.93 | 0.95 |
| 06 13 23 00-0073 | LF | 4" x 12", Douglas Fir, Heavy Timber Column | 22.38 | 1.00 |
| 06 13 23 00-0074 | LF | 6" x 6", Douglas Fir, Heavy Timber Column | 13.70 | 0.91 |
| 06 13 23 00-0075 | LF | 6" x 8", Douglas Fir, Heavy Timber Column | 17.75 | 0.95 |
| 06 13 23 00-0076 | LF | 6" x 10", Douglas Fir, Heavy Timber Column | 26.13 | 1.04 |
| 06 13 23 00-0077 | LF | 6" x 12", Douglas Fir, Heavy Timber Column | 32.73 | 1.06 |
| 06 13 23 00-0078 | LF | 8" x 8", Douglas Fir, Heavy Timber Column | 23.13 | 1.00 |
| 06 13 23 00-0079 | LF | 8" x 10", Douglas Fir, Heavy Timber Column | 34.18 | 1.04 |
| 06 13 23 00-0080 | LF | 8" x 12", Douglas Fir, Heavy Timber Column | 42.93 | 1.08 |
| 06 13 23 00-0081 | LF | 10" x 10", Douglas Fir, Heavy Timber Column | 42.28 | 1.08 |
| 06 13 23 00-0082 | LF | 10" x 12", Douglas Fir, Heavy Timber Column | 53.25 | 1.15 |
| 06 13 23 00-0083 | LF | 12" x 12", Douglas Fir, Heavy Timber Column | 63.71 | 1.26 |
| 06 13 23 00-0084 | | Pressure Treated, Heavy Timber Columns *(06 13 23 00-0051)* | | |
| 06 13 23 00-0085 | LF | 4" x 4", Pressure Treated, Heavy Timber Column | 7.24 | 0.81 |
| 06 13 23 00-0086 | LF | 4" x 6", Pressure Treated, Heavy Timber Column | 10.65 | 0.86 |
| 06 13 23 00-0087 | LF | 4" x 8", Pressure Treated, Heavy Timber Column | 13.54 | 0.88 |
| 06 13 23 00-0088 | LF | 4" x 10", Pressure Treated, Heavy Timber Column | 19.73 | 0.95 |
| 06 13 23 00-0089 | LF | 4" x 12", Pressure Treated, Heavy Timber Column | 24.66 | 1.00 |
| 06 13 23 00-0090 | LF | 6" x 6", Pressure Treated, Heavy Timber Column | 16.87 | 0.91 |
| 06 13 23 00-0091 | LF | 6" x 8", Pressure Treated, Heavy Timber Column | 22.04 | 0.95 |
| 06 13 23 00-0092 | LF | 6" x 10", Pressure Treated, Heavy Timber Column | 27.31 | 1.04 |
| 06 13 23 00-0093 | LF | 6" x 12", Pressure Treated, Heavy Timber Column | 35.26 | 1.06 |
| 06 13 23 00-0094 | LF | 8" x 8", Pressure Treated, Heavy Timber Column | 36.15 | 1.00 |
| 06 13 23 00-0095 | LF | 8" x 10", Pressure Treated, Heavy Timber Column | 43.07 | 1.04 |
| 06 13 23 00-0096 | LF | 8" x 12", Pressure Treated, Heavy Timber Column | 51.87 | 1.08 |
| 06 13 23 00-0097 | LF | 10" x 10", Pressure Treated, Heavy Timber Column | 52.13 | 1.08 |
| 06 13 23 00-0098 | LF | 10" x 12", Pressure Treated, Heavy Timber Column | 71.28 | 1.15 |
| 06 13 23 00-0099 | LF | 12" x 12", Pressure Treated, Heavy Timber Column | 85.34 | 1.26 |
| 06 15 | | Wood Decking *(06 10)* | | |
| **06 15 13** | | **Wood Floor Decking *(06 15)*** | | |
| 06 15 13 00-0001 | | Wood Deck Systems *(06 15 13)*<br>Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts. | | |
| 06 15 13 00-0002 | | Pressure Treated Wood Deck System *(06 15 13 00-0001)* | | |
| 06 15 13 00-0003 | | 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)* | | |
| 06 15 13 00-0004 | SF | 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System | 40.36 | 5.94 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 15 13 00-0005 | SF | 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System | 39.87 | 5.64 |
| 06 15 13 00-0006 | SF | 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System | 42.39 | 6.09 |
| 06 15 13 00-0007 | SF | 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System | 41.99 | 5.79 |
| 06 15 13 00-0008 | | 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)* | | |
| 06 15 13 00-0009 | SF | 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System | 42.10 | 6.09 |
| 06 15 13 00-0010 | SF | 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System | 41.58 | 5.79 |
| 06 15 13 00-0011 | SF | 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System | 44.17 | 6.24 |
| 06 15 13 00-0012 | SF | 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center | 43.75 | 5.93 |
| 06 15 13 00-0013 | | 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)* | | |
| 06 15 13 00-0014 | SF | 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System | 40.36 | 5.94 |
| 06 15 13 00-0015 | SF | 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System | 39.87 | 5.64 |
| 06 15 13 00-0016 | SF | 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System | 42.39 | 6.09 |
| 06 15 13 00-0017 | SF | 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System | 41.99 | 5.79 |
| 06 15 13 00-0018 | | Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)* | | |
| 06 15 13 00-0019 | | 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)* | | |
| 06 15 13 00-0020 | SF | 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System | 46.11 | 5.94 |
| 06 15 13 00-0021 | SF | 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System | 45.90 | 5.63 |
| 06 15 13 00-0022 | SF | 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System | 49.62 | 6.09 |
| 06 15 13 00-0023 | SF | 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System | 48.78 | 5.79 |
| 06 15 13 00-0024 | | 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)* | | |
| 06 15 13 00-0025 | SF | 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System | 51.14 | 6.09 |
| 06 15 13 00-0026 | SF | 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System | 50.89 | 5.79 |
| 06 15 13 00-0027 | SF | 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System | 54.98 | 6.24 |
| 06 15 13 00-0028 | SF | 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System | 54.20 | 5.93 |
| 06 15 13 00-0029 | | 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)* | | |
| 06 15 13 00-0030 | SF | 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System | 48.43 | 5.94 |
| 06 15 13 00-0031 | SF | 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System | 48.21 | 5.64 |
| 06 15 13 00-0032 | SF | 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System | 52.06 | 6.09 |
| 06 15 13 00-0033 | SF | 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System | 53.09 | 5.79 |
| 06 15 13 00-0034 | | Wood Ramp Systems *(06 15 13)*<br>Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts. | | |
| 06 15 13 00-0035 | | Pressure Treated Wood Ramp System *(06 15 13 00-0034)* | | |
| 06 15 13 00-0036 | | 2" x 6" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)* | | |
| 06 15 13 00-0037 | SF | 5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 44.54 | 5.79 |
| 06 15 13 00-0038 | SF | 5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 43.75 | 5.50 |
| 06 15 13 00-0039 | SF | 2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 46.62 | 5.94 |
| 06 15 13 00-0040 | SF | 2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 45.91 | 5.64 |
| 06 15 13 00-0041 | | 2" x 8" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)* | | |
| 06 15 13 00-0042 | SF | 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 46.28 | 5.94 |
| 06 15 13 00-0043 | SF | 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 45.50 | 5.64 |
| 06 15 13 00-0044 | SF | 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 48.47 | 6.09 |
| 06 15 13 00-0045 | SF | 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 47.77 | 5.79 |
| 06 15 13 00-0046 | | 2" x 10" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)* | | |
| 06 15 13 00-0047 | SF | 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 48.14 | 6.08 |
| 06 15 13 00-0048 | SF | 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 47.36 | 5.79 |
| 06 15 13 00-0049 | SF | 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 50.39 | 6.24 |
| 06 15 13 00-0050 | SF | 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 49.68 | 5.93 |
| 06 15 13 00-0051 | | Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0034)* | | |
| 06 15 13 00-0052 | | 2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0051)* | | |
| 06 15 13 00-0053 | SF | 5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 49.95 | 5.79 |
| 06 15 13 00-0054 | SF | 5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 49.42 | 5.50 |
| 06 15 13 00-0055 | SF | 2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 53.41 | 5.94 |
| 06 15 13 00-0056 | SF | 2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 52.30 | 5.64 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **06 15 13 00-0057** | | **2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0051)* | | |
| 06 15 13 00-0058 | SF | 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 52.03 | 5.94 |
| 06 15 13 00-0059 | SF | 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 51.53 | 5.64 |
| 06 15 13 00-0060 | SF | 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 55.70 | 6.09 |
| 06 15 13 00-0061 | SF | 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 54.56 | 5.79 |
| **06 15 13 00-0062** | | **2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0051)* | | |
| 06 15 13 00-0063 | SF | 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 57.21 | 6.08 |
| 06 15 13 00-0064 | SF | 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 56.67 | 5.79 |
| 06 15 13 00-0065 | SF | 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 61.21 | 6.24 |
| 06 15 13 00-0066 | SF | 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 61.31 | 5.93 |
| **06 15 13 00-0067** | | **Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0034)* | | |
| **06 15 13 00-0068** | | **2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0067)* | | |
| 06 15 13 00-0069 | SF | 5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 46.45 | 5.79 |
| 06 15 13 00-0070 | SF | 5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 45.75 | 5.50 |
| 06 15 13 00-0071 | SF | 2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 48.70 | 5.94 |
| 06 15 13 00-0072 | SF | 2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System | 48.09 | 5.64 |
| **06 15 13 00-0073** | | **2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0067)* | | |
| 06 15 13 00-0074 | SF | 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 48.32 | 5.94 |
| 06 15 13 00-0075 | SF | 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 47.63 | 5.64 |
| 06 15 13 00-0076 | SF | 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 50.69 | 6.09 |
| 06 15 13 00-0077 | SF | 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System | 50.08 | 5.79 |
| **06 15 13 00-0078** | | **2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0067)* | | |
| 06 15 13 00-0079 | SF | 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 50.36 | 6.08 |
| 06 15 13 00-0080 | SF | 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 49.63 | 5.79 |
| 06 15 13 00-0081 | SF | 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 52.74 | 6.24 |
| 06 15 13 00-0082 | SF | 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System | 52.14 | 5.93 |
| **06 15 13 00-0083** | | **Wood Stair Systems** *(06 15 13)*<br>Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts. | | |
| **06 15 13 00-0084** | | **Pressure Treated Wood Stair System** *(06 15 13 00-0083)* | | |
| **06 15 13 00-0085** | | **2" x 10" Joists, Pressure Treated Wood Stair System** *(06 15 13 00-0084)* | | |
| 06 15 13 00-0086 | RSR | 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 135.06 | 14.25 |
| 06 15 13 00-0087 | RSR | 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 135.21 | 13.54 |
| 06 15 13 00-0088 | RSR | 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 139.94 | 14.62 |
| 06 15 13 00-0089 | RSR | 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 138.92 | 13.89 |
| 06 15 13 00-0090 | RSR | 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 141.81 | 14.97 |
| 06 15 13 00-0091 | RSR | 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 141.96 | 14.21 |
| 06 15 13 00-0092 | RSR | 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 146.94 | 15.35 |
| 06 15 13 00-0093 | RSR | 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 145.86 | 14.59 |
| 06 15 13 00-0094 | RSR | 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 148.56 | 15.71 |
| 06 15 13 00-0095 | RSR | 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 148.71 | 14.92 |
| 06 15 13 00-0096 | RSR | 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 153.93 | 16.11 |
| 06 15 13 00-0097 | RSR | 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 152.80 | 15.31 |
| 06 15 13 00-0098 | RSR | 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 159.50 | 16.50 |
| 06 15 13 00-0099 | RSR | 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 159.86 | 15.68 |
| 06 15 13 00-0100 | RSR | 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 165.31 | 16.92 |
| 06 15 13 00-0101 | RSR | 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 164.25 | 16.08 |
| **06 15 13 00-0102** | | **2" x 12" Joists, Pressure Treated Wood Stair System** *(06 15 13 00-0084)* | | |
| 06 15 13 00-0103 | RSR | 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 137.46 | 14.61 |
| 06 15 13 00-0104 | RSR | 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 136.51 | 13.88 |
| 06 15 13 00-0105 | RSR | 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 142.74 | 14.98 |
| 06 15 13 00-0106 | RSR | 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 141.83 | 14.24 |
| 06 15 13 00-0107 | RSR | 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 144.33 | 15.34 |
| 06 15 13 00-0108 | RSR | 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 143.35 | 14.57 |
| 06 15 13 00-0109 | RSR | 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 149.87 | 15.73 |
| 06 15 13 00-0110 | RSR | 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 148.92 | 14.95 |
| 06 15 13 00-0111 | RSR | 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 151.21 | 16.10 |
| 06 15 13 00-0112 | RSR | 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 150.16 | 15.30 |
| 06 15 13 00-0113 | RSR | 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 157.01 | 16.52 |
| 06 15 13 00-0114 | RSR | 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 156.00 | 15.70 |
| 06 15 13 00-0115 | RSR | 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 162.32 | 16.91 |
| 06 15 13 00-0116 | RSR | 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 161.37 | 16.07 |
| 06 15 13 00-0117 | RSR | 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 168.58 | 17.35 |
| 06 15 13 00-0118 | RSR | 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 167.68 | 16.47 |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 06 15 13 00-0119 | | | Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0083)* | | |
| 06 15 13 00-0120 | | | 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0119)* | | |
| 06 15 13 00-0121 | RSR | | 3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 167.06 | 14.25 |
| 06 15 13 00-0122 | RSR | | 3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 166.92 | 13.54 |
| 06 15 13 00-0123 | RSR | | 3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 173.94 | 14.62 |
| 06 15 13 00-0124 | RSR | | 3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 173.92 | 13.89 |
| 06 15 13 00-0125 | RSR | | 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 175.42 | 14.97 |
| 06 15 13 00-0126 | RSR | | 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 175.26 | 14.21 |
| 06 15 13 00-0127 | RSR | | 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 182.64 | 15.35 |
| 06 15 13 00-0128 | RSR | | 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 182.61 | 14.59 |
| 06 15 13 00-0129 | RSR | | 4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 183.68 | 15.71 |
| 06 15 13 00-0130 | RSR | | 4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 183.51 | 14.92 |
| 06 15 13 00-0131 | RSR | | 4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 191.24 | 16.11 |
| 06 15 13 00-0132 | RSR | | 4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 191.20 | 15.31 |
| 06 15 13 00-0133 | RSR | | 5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 198.13 | 16.50 |
| 06 15 13 00-0134 | RSR | | 5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 198.14 | 15.68 |
| 06 15 13 00-0135 | RSR | | 5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 206.34 | 16.92 |
| 06 15 13 00-0136 | RSR | | 5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System | 206.49 | 16.08 |
| 06 15 13 00-0137 | | | 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0119)* | | |
| 06 15 13 00-0138 | RSR | | 3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 160.03 | 14.61 |
| 06 15 13 00-0139 | RSR | | 3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 159.89 | 13.88 |
| 06 15 13 00-0140 | RSR | | 3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 166.23 | 14.98 |
| 06 15 13 00-0141 | RSR | | 3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 166.43 | 14.24 |
| 06 15 13 00-0142 | RSR | | 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 168.03 | 15.34 |
| 06 15 13 00-0143 | RSR | | 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 167.89 | 14.57 |
| 06 15 13 00-0144 | RSR | | 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 174.54 | 15.73 |
| 06 15 13 00-0145 | RSR | | 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 174.75 | 14.95 |
| 06 15 13 00-0146 | RSR | | 4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 175.98 | 16.10 |
| 06 15 13 00-0147 | RSR | | 4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 175.81 | 15.30 |
| 06 15 13 00-0148 | RSR | | 4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 182.79 | 16.52 |
| 06 15 13 00-0149 | RSR | | 4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 182.99 | 15.70 |
| 06 15 13 00-0150 | RSR | | 5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 189.57 | 16.91 |
| 06 15 13 00-0151 | RSR | | 5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 189.57 | 16.07 |
| 06 15 13 00-0152 | RSR | | 5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 196.94 | 17.35 |
| 06 15 13 00-0153 | RSR | | 5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System | 197.37 | 16.47 |
| 06 15 13 00-0154 | | | Wood Deck And Ramp Systems Repairs *(06 15 13)*<br>Note: Includes removal of material and screws. Excludes anchors and bolts. | | |
| 06 15 13 00-0155 | | | Deck Joist Or Girt *(06 15 13 00-0154)*<br>See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement. | | |
| 06 15 13 00-0156 | | | Deck Boards *(06 15 13 00-0154)*<br>See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement. | | |
| 06 15 13 00-0157 | LF | | 5/4" x 4" Round Edge Pressure Treated Deck Boards | 2.76 | 0.67 |
| 06 15 13 00-0158 | LF | | 5/4" x 6" Round Edge Pressure Treated Deck Boards | 2.93 | 0.79 |
| 06 15 13 00-0159 | LF | | 2" x 4" Round Edge Pressure Treated Deck Boards | 2.72 | 0.79 |
| 06 15 13 00-0160 | LF | | 2" x 6" Round Edge Pressure Treated Deck Boards | 3.91 | 0.91 |
| 06 15 13 00-0161 | LF | | 2" x 8" Round Edge Pressure Treated Deck Boards | 5.19 | 1.10 |
| 06 15 13 00-0162 | LF | | 2" x 10" Round Edge Pressure Treated Deck Boards | 6.38 | 1.35 |
| 06 15 13 00-0163 | LF | | 2" x 12" Round Edge Pressure Treated Deck Boards | 8.06 | 1.59 |
| 06 15 13 00-0164 | LF | | 2" x 4" Round Edge Cedar Deck Boards | 3.50 | 0.79 |
| 06 15 13 00-0165 | LF | | 2" x 6" Round Edge Cedar Deck Boards | 4.82 | 0.91 |
| 06 15 13 00-0166 | LF | | 2" x 4" Round Edge Redwood Deck Boards | 4.03 | 0.79 |
| 06 15 13 00-0167 | LF | | 2" x 6" Round Edge Redwood Deck Boards | 5.63 | 0.91 |
| 06 15 13 00-0168 | | | Deck Posts *(06 15 13 00-0154)*<br>See CSI section 06 11 16 00-0092 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement. | | |
| 06 15 13 00-0169 | | | Deck Railing And Pickets *(06 15 13 00-0154)*<br>See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement. | | |
| 06 15 13 00-0170 | LF | | 2" x 4" Pressure Treated Deck Railing | 2.72 | 0.79 |
| 06 15 13 00-0171 | LF | | 2" x 2" Pressure Treated Deck Railing Picket | 1.89 | 0.61 |
| 06 15 13 00-0172 | LF | | 2" x 4" Cedar Deck Railing | 3.50 | 0.79 |
| 06 15 13 00-0173 | LF | | 2" x 2" Cedar Deck Railing Picket | 2.63 | 0.61 |
| 06 15 13 00-0174 | LF | | 2" x 4" Redwood Deck Railing | 4.03 | 0.79 |
| 06 15 13 00-0175 | LF | | 2" x 2" Redwood Deck Railing Picket | 3.03 | 0.61 |

## 06 16 Sheathing *(06 10)*

### 06 16 23 Subflooring *(06 16)*

06 16 23 00-0001 Board Type Subflooring *(06 16 23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 16 23 00-0002 | SF | 1" x 8" Regular Surface Board Type Subfloor<br>Note: 4 Sides Laid In A Regular Pattern. | 2.64 | 0.70 |
| | | *For Water Resistant Coating Or Treatment, Add* | *0.06* | |
| | | *For Foil Backing, Add* | *0.11* | |
| | | *For Tongue And Groove, Add* | *0.07* | |
| 06 16 23 00-0003 | SF | 1" x 8" Diagonal Surface Board Type Subfloor<br>Note: 4 Sides Laid In A Diagonal Pattern. | 2.93 | 0.87 |
| | | *For Water Resistant Coating Or Treatment, Add* | *0.06* | |
| | | *For Foil Backing, Add* | *0.11* | |
| | | *For Tongue And Groove, Add* | *0.08* | |
| 06 16 23 00-0004 | SF | 1" x 10" Regular Surface Board Type Subfloor<br>Note: 4 sides laid in a regular pattern. | 2.55 | 0.61 |
| | | *For Water Resistant Coating Or Treatment, Add* | *0.07* | |
| | | *For Foil Backing, Add* | *0.11* | |
| | | *For Tongue And Groove, Add* | *0.08* | |
| 06 16 23 00-0005 | SF | 1" x 10" Diagonal Surface Board Type Subfloor<br>Note: 4 sides laid in a diagonal pattern. | 2.75 | 0.70 |
| | | *For Water Resistant Coating Or Treatment, Add* | *0.07* | |
| | | *For Foil Backing, Add* | *0.11* | |
| | | *For Tongue And Groove, Add* | *0.08* | |

## 06 16 33 Wood Board Sheathing *(06 16)*

### 06 16 33 00-0001 Plywood *(06 16 33)*

### 06 16 33 00-0002 Roof Decking *(06 16 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 16 33 00-0003 | SF | 3/8" Thick CDX Plywood Roof Decking<br>Note: Applied to wood rafters. | 2.54 | 0.43 |
| | | *For Shear Wall Construction, Add* | *0.21* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.23* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.21* | |
| | | *For ACQ Preservative Treatment, Add* | *0.72* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.55* | |
| | | *For Fire Retardant Treatment, Add* | *1.19* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.09* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.14* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.19* | |
| | | *For >12,800, Deduct* | *-0.23* | |
| 06 16 33 00-0004 | SF | 1/2" Thick CDX Plywood Roof Decking<br>Note: Applied to wood rafters. | 2.96 | 0.52 |
| | | *For Shear Wall Construction, Add* | *0.22* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.28* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.22* | |
| | | *For ACQ Preservative Treatment, Add* | *0.88* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.68* | |
| | | *For Fire Retardant Treatment, Add* | *1.45* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.11* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.17* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.23* | |
| | | *For >12,800, Deduct* | *-0.28* | |
| 06 16 33 00-0005 | SF | 5/8" Thick CDX Plywood Roof Decking<br>Note: Applied to wood rafters. | 3.47 | 0.52 |
| | | *For Shear Wall Construction, Add* | *0.24* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.34* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.24* | |
| | | *For ACQ Preservative Treatment, Add* | *1.09* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.80* | |
| | | *For Fire Retardant Treatment, Add* | *1.79* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.14* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.20* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.28* | |
| | | *For >12,800, Deduct* | *-0.33* | |
| | | *For Tongue And Groove, Add* | *0.16* | |
| 06 16 33 00-0006 | SF | 3/4" Thick CDX Plywood Roof Decking<br>Note: Applied to wood rafters. | 3.94 | 0.61 |
| | | *For Shear Wall Construction, Add* | *0.26* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.39* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.26* | |
| | | *For ACQ Preservative Treatment, Add* | *1.26* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.97* | |
| | | *For Fire Retardant Treatment, Add* | *2.08* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.16* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.24* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.32* | |
| | | *For >12,800, Deduct* | *-0.38* | |
| | | *For Tongue And Groove, Add* | *0.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 16 33 00-0007 | SF | 1" Thick CDX Plywood Roof Decking<br>Note: Applied to wood rafters. | 4.97 | 0.70 |
| | | *For Shear Wall Construction, Add* | *0.28* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.53* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.28* | |
| | | *For ACQ Preservative Treatment, Add* | *1.70* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *2.13* | |
| | | *For Fire Retardant Treatment, Add* | *2.80* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.21* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.32* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.43* | |
| | | *For >12,800, Deduct* | *-0.50* | |
| | | *For Tongue And Groove, Add* | *0.25* | |
| **06 16 33 00-0008** | | **Wall Sheathing** *(06 16 33 00-0001)* | | |
| 06 16 33 00-0009 | SF | 1/4" Interior BC Plywood Wall Sheathing<br>Note: Applied to wall studs. | 2.81 | 0.61 |
| | | *For Shear Wall Construction, Add* | *0.26* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.23* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.26* | |
| | | *For Ceiling Installation, Add* | *0.13* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.97* | |
| | | *For Fire Retardant Treatment, Add* | *1.19* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.09* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.14* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.20* | |
| | | *For >12,800, Deduct* | *-0.25* | |
| 06 16 33 00-0010 | SF | 5/16" Interior BC Plywood Wall Sheathing<br>Note: Applied to wall studs. | 2.88 | 0.61 |
| | | *For Shear Wall Construction, Add* | *0.26* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.24* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.26* | |
| | | *For Ceiling Installation, Add* | *0.13* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.97* | |
| | | *For Fire Retardant Treatment, Add* | *1.24* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.09* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.14* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.21* | |
| | | *For >12,800, Deduct* | *-0.25* | |
| 06 16 33 00-0011 | SF | 3/8" Interior BC Plywood Wall Sheathing<br>Note: Applied to wall studs. | 3.02 | 0.70 |
| | | *For Shear Wall Construction, Add* | *0.26* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.26* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.26* | |
| | | *For Ceiling Installation, Add* | *0.13* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.97* | |
| | | *For Fire Retardant Treatment, Add* | *1.35* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.10* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.15* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.22* | |
| | | *For >12,800, Deduct* | *-0.27* | |
| 06 16 33 00-0012 | SF | 1/2" Interior BC Plywood Wall Sheathing<br>Note: Applied to wall studs. | 3.54 | 0.70 |
| | | *For Shear Wall Construction, Add* | *0.28* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.32* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.28* | |
| | | *For Ceiling Installation, Add* | *0.14* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *2.09* | |
| | | *For Fire Retardant Treatment, Add* | *1.70* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.13* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.19* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.27* | |
| | | *For >12,800, Deduct* | *-0.33* | |
| 06 16 33 00-0013 | SF | 5/8" Interior BC Plywood Wall Sheathing<br>Note: Applied to wall studs. | 4.07 | 0.78 |
| | | *For Shear Wall Construction, Add* | *0.30* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.39* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.30* | |
| | | *For Ceiling Installation, Add* | *0.15* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *2.24* | |
| | | *For Fire Retardant Treatment, Add* | *2.04* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.15* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.23* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.32* | |
| | | *For >12,800, Deduct* | *-0.38* | |
| 06 16 33 00-0014 | SF | 3/4" Interior BC Plywood Wall Sheathing<br>Note: Applied to wall studs. | 4.56 | 0.87 |
| | | *For Shear Wall Construction, Add* | *0.32* | |
| | | *For Exterior CC Grade Plywood, Add* | *0.44* | |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.32* | |
| | | *For Ceiling Installation, Add* | *0.16* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *2.42* | |
| | | *For Fire Retardant Treatment, Add* | *2.33* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.18* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.27* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.36* | |
| | | *For >12,800, Deduct* | *-0.43* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 16 33 00-0015 | | **Floor Decking** *(06 16 33 00-0001)*<br>Note: Includes patching of seams and all fastener holes where necessary. | | |
| 06 16 33 00-0016 | SF | 5/16" CD Grade Plywood Floor Decking<br>Note: Applied to floor or joists. | 2.12 | 0.52 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.49* | |
| | | *For Fire Retardant Treatment, Add* | *0.89* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.07* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.10* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.15* | |
| | | *For >12,800, Deduct* | *-0.19* | |
| | | *For ACQ Preservative Treatment, Add* | *0.54* | |
| | | *For Fir Plywood, Add* | *0.21* | |
| | | *For BC Grade Plywood, Add* | *0.17* | |
| | | *For Exterior Glue, Add* | *0.11* | |
| | | *For Marine Grade, Add* | *0.88* | |
| 06 16 33 00-0017 | SF | 3/8" CD Grade Plywood Floor Decking<br>Note: Applied to floor or joists. | 2.28 | 0.52 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.56* | |
| | | *For Fire Retardant Treatment, Add* | *0.98* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.07* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.11* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.16* | |
| | | *For >12,800, Deduct* | *-0.20* | |
| | | *For ACQ Preservative Treatment, Add* | *0.60* | |
| | | *For Fir Plywood, Add* | *0.23* | |
| | | *For BC Grade Plywood, Add* | *0.18* | |
| | | *For Exterior Glue, Add* | *0.12* | |
| | | *For Marine Grade, Add* | *0.97* | |
| 06 16 33 00-0018 | SF | 1/2" CD Grade Plywood Floor Decking<br>Note: Applied to floor or joists. | 2.73 | 0.52 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.64* | |
| | | *For Fire Retardant Treatment, Add* | *1.30* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.10* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.15* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.21* | |
| | | *For >12,800, Deduct* | *-0.25* | |
| | | *For ACQ Preservative Treatment, Add* | *0.79* | |
| | | *For Fir Plywood, Add* | *0.30* | |
| | | *For BC Grade Plywood, Add* | *0.24* | |
| | | *For Exterior Glue, Add* | *0.15* | |
| | | *For Marine Grade, Add* | *1.28* | |
| 06 16 33 00-0019 | SF | 5/8" CD Grade Plywood Floor Decking<br>Note: Applied to floor or joists. | 3.16 | 0.52 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.79* | |
| | | *For Fire Retardant Treatment, Add* | *1.56* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.12* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.18* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.25* | |
| | | *For >12,800, Deduct* | *-0.30* | |
| | | *For ACQ Preservative Treatment, Add* | *0.95* | |
| | | *For Fir Plywood, Add* | *0.36* | |
| | | *For BC Grade Plywood, Add* | *0.29* | |
| | | *For Exterior Glue, Add* | *0.18* | |
| | | *For Marine Grade, Add* | *1.54* | |
| 06 16 33 00-0020 | SF | 3/4" CD Grade Plywood Floor Decking<br>Note: Applied to floor or joists. | 3.77 | 0.52 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.88* | |
| | | *For Fire Retardant Treatment, Add* | *1.99* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.15* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.23* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.31* | |
| | | *For >12,800, Deduct* | *-0.36* | |
| | | *For ACQ Preservative Treatment, Add* | *1.21* | |
| | | *For Fir Plywood, Add* | *0.47* | |
| | | *For BC Grade Plywood, Add* | *0.37* | |
| | | *For Exterior Glue, Add* | *0.23* | |
| | | *For Marine Grade, Add* | *1.97* | |
| 06 16 33 00-0021 | SF | 1-1/8" CD Grade Plywood Floor Decking<br>Note: Applied to floor or joists. | 6.26 | 0.78 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *2.25* | |
| | | *For Fire Retardant Treatment, Add* | *3.76* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.29* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.43* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.56* | |
| | | *For >12,800, Deduct* | *-0.65* | |
| | | *For ACQ Preservative Treatment, Add* | *2.28* | |
| | | *For Fir Plywood, Add* | *0.88* | |
| | | *For BC Grade Plywood, Add* | *0.70* | |
| | | *For Exterior Glue, Add* | *0.44* | |
| | | *For Marine Grade, Add* | *3.73* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 16 33 00-0022 | SF | 1/2" AC Fir Plywood Floor Decking<br>Note: Applied to floor or joists. | 3.72 | 0.52 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.64* | |
| | | *For Fire Retardant Treatment, Add* | *2.08* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.16* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.24* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.32* | |
| | | *For >12,800, Deduct* | *-0.37* | |
| | | *For ACQ Preservative Treatment, Add* | *1.26* | |
| | | *For Exterior Glue, Add* | *0.24* | |
| | | *For Marine Grade, Add* | *2.06* | |
| | | *For Tongue And Groove, Add* | *0.18* | |
| 06 16 33 00-0023 | SF | 5/8" AC Fir Plywood Floor Decking<br>Note: Applied to floor or joists. | 4.25 | 0.52 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.79* | |
| | | *For Fire Retardant Treatment, Add* | *2.42* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.18* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.28* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.37* | |
| | | *For >12,800, Deduct* | *-0.43* | |
| | | *For ACQ Preservative Treatment, Add* | *1.47* | |
| | | *For Exterior Glue, Add* | *0.28* | |
| | | *For Marine Grade, Add* | *2.40* | |
| | | *For Tongue And Groove, Add* | *0.21* | |
| 06 16 33 00-0024 | SF | 3/4" AC Fir Plywood Floor Decking<br>Note: Applied to floor or joists. | 4.56 | 0.52 |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add* | *1.88* | |
| | | *For Fire Retardant Treatment, Add* | *2.61* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.20* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.30* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.40* | |
| | | *For >12,800, Deduct* | *-0.46* | |
| | | *For ACQ Preservative Treatment, Add* | *1.59* | |
| | | *For Exterior Glue, Add* | *0.31* | |
| | | *For Marine Grade, Add* | *2.59* | |
| | | *For Tongue And Groove, Add* | *0.23* | |
| 06 16 33 00-0025 | | Underlayment Grade *(06 16 33 00-0001)*<br>Note: Includes patching of seams and all fastener holes where necessary. | | |
| 06 16 33 00-0026 | SF | 1/4" Thick Plywood Underlayment BC Grade | 2.34 | 0.52 |
| | | *For Fire Retardant Treatment, Add* | *1.05* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.08* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.12* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.14* | |
| | | *For >12,800, Deduct* | *-0.21* | |
| 06 16 33 00-0027 | SF | 3/8" Thick Plywood Underlayment BC Grade | 2.52 | 0.52 |
| | | *For Fire Retardant Treatment, Add* | *1.15* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.09* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.13* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.16* | |
| | | *For >12,800, Deduct* | *-0.23* | |
| 06 16 33 00-0028 | SF | 1/2" Thick Plywood Underlayment BC Grade | 2.66 | 0.61 |
| | | *For Fire Retardant Treatment, Add* | *1.25* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.09* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.14* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.17* | |
| | | *For >12,800, Deduct* | *-0.24* | |
| 06 16 33 00-0029 | SF | 5/8" Thick Plywood Underlayment BC Grade | 3.08 | 0.61 |
| | | *For Fire Retardant Treatment, Add* | *1.49* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.11* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.17* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.20* | |
| | | *For >12,800, Deduct* | *-0.29* | |
| | | *For Tongue And Groove, Add* | *0.13* | |
| 06 16 33 00-0030 | SF | 3/4" Thick Plywood Underlayment BC Grade | 3.47 | 0.61 |
| | | *For Fire Retardant Treatment, Add* | *1.79* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.14* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.20* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.23* | |
| | | *For >12,800, Deduct* | *-0.33* | |
| | | *For Tongue And Groove, Add* | *0.16* | |
| 06 16 33 00-0031 | SF | 1-1/8" Thick Plywood Underlayment BC Grade | 4.81 | 0.70 |
| | | *For Fire Retardant Treatment, Add* | *2.73* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.21* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.31* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.35* | |
| | | *For >12,800, Deduct* | *-0.48* | |
| | | *For Tongue And Groove, Add* | *0.24* | |
| 06 16 33 00-0032 | SF | 3/8" Thick CDX Plywood Underlayment Grade | 2.84 | 0.52 |
| | | *For Fire Retardant Treatment, Add* | *1.41* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.11* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.16* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.19* | |
| | | *For >12,800, Deduct* | *-0.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 16 33 00-0033 | SF | 5/8" Thick CDX Plywood Underlayment Grade | 3.88 | 0.61 |
| | | *For Fire Retardant Treatment, Add* | *2.13* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.16* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.24* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.27* | |
| | | *For >12,800, Deduct* | *-0.38* | |

## 06 16 33 00-0034 Oriented Strand Board *(06 16 33)*

## 06 16 33 00-0035 On Roof *(06 16 33 00-0034)*

| | | | | |
|---|---|---|---|---|
| 06 16 33 00-0036 | SF | 3/8" Thick Structural Oriented Strand Board (OSB) On Roof | 1.32 | 0.52 |
| | | *For >1,408 To 3,200, Deduct* | *-0.02* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.03* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.06* | |
| | | *For >12,800, Deduct* | *-0.09* | |
| | | *For Fire Retardant Treatment, Add* | *0.23* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *1.55* | |
| 06 16 33 00-0037 | SF | 1/2" Thick Structural Oriented Strand Board (OSB) On Roof | 1.47 | 0.52 |
| | | *For >1,408 To 3,200, Deduct* | *-0.02* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.03* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.07* | |
| | | *For >12,800, Deduct* | *-0.10* | |
| | | *For Fire Retardant Treatment, Add* | *0.28* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *1.68* | |
| 06 16 33 00-0038 | SF | 5/8" Thick Structural Oriented Strand Board (OSB) On Roof | 1.70 | 0.61 |
| | | *For >1,408 To 3,200, Deduct* | *-0.03* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.05* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.09* | |
| | | *For >12,800, Deduct* | *-0.12* | |
| | | *For Fire Retardant Treatment, Add* | *0.40* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *1.80* | |
| 06 16 33 00-0039 | SF | 3/4" Thick Structural Oriented Strand Board (OSB) On Roof | 1.97 | 0.61 |
| | | *For >1,408 To 3,200, Deduct* | *-0.04* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.06* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.11* | |
| | | *For >12,800, Deduct* | *-0.14* | |
| | | *For Fire Retardant Treatment, Add* | *0.52* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *1.97* | |

## 06 16 33 00-0040 On Walls *(06 16 33 00-0034)*

| | | | | |
|---|---|---|---|---|
| 06 16 33 00-0041 | SF | 3/8" Thick Structural Oriented Strand Board (OSB) On Walls | 1.60 | 0.61 |
| | | *For >1,408 To 3,200, Deduct* | *-0.02* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.03* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.06* | |
| | | *For >12,800, Deduct* | *-0.10* | |
| | | *For Fire Retardant Treatment, Add* | *0.23* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *1.97* | |
| 06 16 33 00-0042 | SF | 1/2" Thick Structural Oriented Strand Board (OSB) On Walls | 1.74 | 0.70 |
| | | *For >1,408 To 3,200, Deduct* | *-0.02* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.03* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.07* | |
| | | *For >12,800, Deduct* | *-0.11* | |
| | | *For Fire Retardant Treatment, Add* | *0.28* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *2.09* | |
| 06 16 33 00-0043 | SF | 5/8" Thick Structural Oriented Strand Board (OSB) On Walls | 1.99 | 0.78 |
| | | *For >1,408 To 3,200, Deduct* | *-0.03* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.05* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.09* | |
| | | *For >12,800, Deduct* | *-0.13* | |
| | | *For Fire Retardant Treatment, Add* | *0.40* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *2.24* | |
| 06 16 33 00-0044 | SF | 3/4" Thick Structural Oriented Strand Board (OSB) On Walls | 2.27 | 0.78 |
| | | *For >1,408 To 3,200, Deduct* | *-0.04* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.06* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.11* | |
| | | *For >12,800, Deduct* | *-0.16* | |
| | | *For Fire Retardant Treatment, Add* | *0.52* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *2.42* | |

## 06 16 33 00-0045 On Floors *(06 16 33 00-0034)*

Note: Includes patching of seams and all fastener holes where necessary.

| | | | | |
|---|---|---|---|---|
| 06 16 33 00-0046 | SF | 3/8" Thick Structural Oriented Strand Board (OSB) On Floors | 1.34 | 0.52 |
| | | *For >1,408 To 3,200, Deduct* | *-0.02* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.03* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.06* | |
| | | *For >12,800, Deduct* | *-0.09* | |
| | | *For Fire Retardant Treatment, Add* | *0.23* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *1.58* | |
| 06 16 33 00-0047 | SF | 1/2" Thick Structural Oriented Strand Board (OSB) On Floors | 1.60 | 0.61 |
| | | *For >1,408 To 3,200, Deduct* | *-0.02* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.03* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.07* | |
| | | *For >12,800, Deduct* | *-0.10* | |
| | | *For Fire Retardant Treatment, Add* | *0.28* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *1.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 16 33 00-0048 | SF | 5/8" Thick Structural Oriented Strand Board (OSB) On Floors | 1.87 | 0.70 |
| | | *For >1,408 To 3,200, Deduct* | *-0.03* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.05* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.09* | |
| | | *For >12,800, Deduct* | *-0.13* | |
| | | *For Fire Retardant Treatment, Add* | *0.40* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *2.06* | |
| 06 16 33 00-0049 | SF | 3/4" Thick Structural Oriented Strand Board (OSB) On Floors | 2.15 | 0.78 |
| | | *For >1,408 To 3,200, Deduct* | *-0.04* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.06* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.11* | |
| | | *For >12,800, Deduct* | *-0.15* | |
| | | *For Fire Retardant Treatment, Add* | *0.52* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add* | *2.24* | |
| 06 16 33 00-0050 | | Particle Board *(06 16 33)* | | |
| 06 16 33 00-0051 | | Particle Board Floor Decking *(06 16 33 00-0050)* | | |
| | | Note: Includes patching of seams and all fastener holes where necessary. | | |
| 06 16 33 00-0052 | SF | 3/8" Particle Board Floor Decking | 1.55 | 0.43 |
| | | Note: Applied to plywood subfloor. | | |
| | | *For Fire Retardant Treatment Add* | *0.41* | |
| | | *For >1,536 To 3,200, Deduct* | *-0.03* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.05* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.08* | |
| | | *For >12,800, Deduct* | *-0.11* | |
| | | *For Tongue And Groove, Add* | *0.04* | |
| 06 16 33 00-0053 | SF | 1/2" Particle Board Floor Decking | 1.80 | 0.43 |
| | | Note: Applied to plywood subfloor. | | |
| | | *For Fire Retardant Treatment Add* | *0.56* | |
| | | *For >1,536 To 3,200, Deduct* | *-0.04* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.06* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.11* | |
| | | *For >12,800, Deduct* | *-0.14* | |
| | | *For Tongue And Groove, Add* | *0.05* | |
| 06 16 33 00-0054 | SF | 5/8" Particle Board Floor Decking | 2.04 | 0.52 |
| | | Note: Applied to plywood subfloor. | | |
| | | *For Fire Retardant Treatment Add* | *0.70* | |
| | | *For >1,536 To 3,200, Deduct* | *-0.05* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.08* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.13* | |
| | | *For >12,800, Deduct* | *-0.16* | |
| | | *For Tongue And Groove, Add* | *0.06* | |
| 06 16 33 00-0055 | SF | 3/4" Particle Board Floor Decking | 2.25 | 0.52 |
| | | Note: Applied to plywood subfloor. | | |
| | | *For Fire Retardant Treatment Add* | *0.82* | |
| | | *For >1,536 To 3,200, Deduct* | *-0.06* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.09* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.14* | |
| | | *For >12,800, Deduct* | *-0.19* | |
| | | *For Tongue And Groove, Add* | *0.07* | |
| **06 16 43** | | **Gypsum Sheathing** *(06 16)* | | |
| 06 16 43 00-0001 | | Exterior Gypsum Sheathing *(06 16 43)* | | |
| | | Note: Includes moisture resistant core and fiberglass mats on both sides and long edges. | | |
| 06 16 43 00-0002 | SF | 1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold) | 2.54 | 0.70 |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.28* | |
| | | *For Ceiling Installation, Add* | *0.14* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.07* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.10* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.16* | |
| | | *For >12,800, Deduct* | *-0.21* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add* | *2.09* | |
| 06 16 43 00-0003 | SF | 5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold) | 2.74 | 0.87 |
| | | *For Application To Metal Studs, Joists, Or Rafters, Add* | *0.30* | |
| | | *For Ceiling Installation, Add* | *0.15* | |
| | | *For >1,696 To 3,200, Deduct* | *-0.08* | |
| | | *For >3,200 To 6,400, Deduct* | *-0.11* | |
| | | *For >6,400 To 12,800, Deduct* | *-0.17* | |
| | | *For >12,800, Deduct* | *-0.22* | |
| | | *For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add* | *2.24* | |
| 06 17 | | Shop-Fabricated Structural Wood *(06 10)* | | |
| **06 17 13** | | **Laminated Veneer Lumber** *(06 17)* | | |
| 06 17 13 00-0001 | | Laminated Veneer Lumber (LVL) *(06 17 13)* | | |
| 06 17 13 00-0002 | LF | 1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL) | 10.83 | 1.51 |
| 06 17 13 00-0003 | LF | 1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL) | 12.27 | 1.53 |
| 06 17 13 00-0004 | LF | 1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL) | 13.95 | 1.56 |
| 06 17 13 00-0005 | LF | 1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL) | 16.10 | 1.58 |
| 06 17 13 00-0006 | LF | 1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL) | 17.68 | 1.61 |
| 06 17 13 00-0007 | LF | 1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL) | 19.84 | 1.67 |
| 06 17 13 00-0008 | LF | 1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL) | 23.09 | 1.70 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 17 13 00-0009 | LF | 1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL) | 32.89 | 1.92 |

## 06 17 23 Parallel Strand Lumber *(06 17)*

### 06 17 23 00-0001 Laminated Strand Lumber (LSL) *(06 17 23)*

| | | | | |
|---|---|---|---|---|
| 06 17 23 00-0002 | LF | 2" x 4" Laminated Strand Lumber (LSL) | 3.82 | 0.70 |
| 06 17 23 00-0003 | LF | 2" x 6" Laminated Strand Lumber (LSL) | 5.63 | 0.74 |

## 06 17 33 Wood I-Joists *(06 17)*

### 06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

| | | | | |
|---|---|---|---|---|
| 06 17 33 00-0002 | LF | 9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length | 6.93 | 1.16 |
| | | *For I-Joists 30' To 40' In Length, Add* | *0.51* | |
| | | *For I-Joists >40' In Length, Add* | *1.25* | |
| 06 17 33 00-0003 | LF | 11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length | 7.35 | 1.28 |
| | | *For I-Joists 30' To 40' In Length, Add* | *0.57* | |
| | | *For I-Joists >40' In Length, Add* | *1.39* | |
| 06 17 33 00-0004 | LF | 14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length | 8.75 | 1.45 |
| | | *For I-Joists 30' To 40' In Length, Add* | *0.64* | |
| | | *For I-Joists >40' In Length, Add* | *1.57* | |
| 06 17 33 00-0005 | LF | 16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length | 9.90 | 1.61 |
| | | *For I-Joists 30' To 40' In Length, Add* | *0.71* | |
| | | *For I-Joists >40' In Length, Add* | *1.73* | |

## 06 17 43 Rim Boards *(06 17)*

### 06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board *(06 17 43)*

| | | | | |
|---|---|---|---|---|
| 06 17 43 00-0002 | LF | 1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board | 7.74 | 1.56 |
| 06 17 43 00-0003 | LF | 1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board | 8.85 | 1.58 |
| 06 17 43 00-0004 | LF | 1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board | 10.17 | 1.61 |

## 06 17 53 Shop-Fabricated Wood Trusses *(06 17)*

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

### 06 17 53 00-0001 Pre-Assembled Wood Roof Trusses *(06 17 53)*

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

| | | | | |
|---|---|---|---|---|
| 06 17 53 00-0002 | EA | 10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 220.04 | 67.56 |
| | | *For Up To 15, Add* | *6.37* | |
| | | *For >35, Deduct* | *-4.25* | |
| | | *For 3 In 12 Slope, Add* | *2.55* | |
| | | *For 5 In 12 Slope, Add* | *6.79* | |
| | | *For 6 In 12 Slope, Add* | *12.74* | |
| | | *For 7 In 12 Slope, Add* | *16.98* | |
| | | *For 8 In 12 Slope, Add* | *20.38* | |
| 06 17 53 00-0003 | EA | 12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 247.15 | 74.00 |
| | | *For Up To 15, Add* | *7.44* | |
| | | *For >35, Deduct* | *-4.96* | |
| | | *For 3 In 12 Slope, Add* | *2.97* | |
| | | *For 5 In 12 Slope, Add* | *7.93* | |
| | | *For 6 In 12 Slope, Add* | *14.87* | |
| | | *For 7 In 12 Slope, Add* | *19.83* | |
| | | *For 8 In 12 Slope, Add* | *23.80* | |
| 06 17 53 00-0004 | EA | 14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 280.19 | 80.44 |
| | | *For Up To 15, Add* | *8.95* | |
| | | *For >35, Deduct* | *-5.97* | |
| | | *For 3 In 12 Slope, Add* | *3.58* | |
| | | *For 5 In 12 Slope, Add* | *9.54* | |
| | | *For 6 In 12 Slope, Add* | *17.90* | |
| | | *For 7 In 12 Slope, Add* | *23.86* | |
| | | *For 8 In 12 Slope, Add* | *28.63* | |
| 06 17 53 00-0005 | EA | 16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 328.80 | 86.88 |
| | | *For Up To 15, Add* | *11.63* | |
| | | *For >35, Deduct* | *-7.75* | |
| | | *For 3 In 12 Slope, Add* | *4.65* | |
| | | *For 5 In 12 Slope, Add* | *12.40* | |
| | | *For 6 In 12 Slope, Add* | *23.26* | |
| | | *For 7 In 12 Slope, Add* | *31.01* | |
| | | *For 8 In 12 Slope, Add* | *37.21* | |
| 06 17 53 00-0006 | EA | 18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 368.45 | 93.31 |
| | | *For Up To 15, Add* | *13.64* | |
| | | *For >35, Deduct* | *-9.09* | |
| | | *For 3 In 12 Slope, Add* | *5.45* | |
| | | *For 5 In 12 Slope, Add* | *14.55* | |
| | | *For 6 In 12 Slope, Add* | *27.27* | |
| | | *For 7 In 12 Slope, Add* | *36.37* | |
| | | *For 8 In 12 Slope, Add* | *43.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 17 53 00-0007 | EA | 20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 375.71 | 102.96 |
| | | *For Up To 15, Add* | *12.73* | |
| | | *For >35, Deduct* | *-8.49* | |
| | | *For 3 In 12 Slope, Add* | *5.09* | |
| | | *For 5 In 12 Slope, Add* | *13.58* | |
| | | *For 6 In 12 Slope, Add* | *25.47* | |
| | | *For 7 In 12 Slope, Add* | *33.96* | |
| | | *For 8 In 12 Slope, Add* | *40.75* | |
| 06 17 53 00-0008 | EA | 22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 393.52 | 164.09 |
| | | *For Up To 15, Add* | *13.10* | |
| | | *For >35, Deduct* | *-8.74* | |
| | | *For 3 In 12 Slope, Add* | *5.24* | |
| | | *For 5 In 12 Slope, Add* | *13.98* | |
| | | *For 6 In 12 Slope, Add* | *26.21* | |
| | | *For 7 In 12 Slope, Add* | *34.95* | |
| | | *For 8 In 12 Slope, Add* | *41.94* | |
| 06 17 53 00-0009 | EA | 24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 421.21 | 115.83 |
| | | *For Up To 15, Add* | *14.22* | |
| | | *For >35, Deduct* | *-9.48* | |
| | | *For 3 In 12 Slope, Add* | *5.69* | |
| | | *For 5 In 12 Slope, Add* | *15.16* | |
| | | *For 6 In 12 Slope, Add* | *28.43* | |
| | | *For 7 In 12 Slope, Add* | *37.91* | |
| | | *For 8 In 12 Slope, Add* | *45.49* | |
| 06 17 53 00-0010 | EA | 26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 450.49 | 183.40 |
| | | *For Up To 15, Add* | *15.45* | |
| | | *For >35, Deduct* | *-10.30* | |
| | | *For 3 In 12 Slope, Add* | *6.18* | |
| | | *For 5 In 12 Slope, Add* | *16.48* | |
| | | *For 6 In 12 Slope, Add* | *30.89* | |
| | | *For 7 In 12 Slope, Add* | *41.19* | |
| | | *For 8 In 12 Slope, Add* | *49.43* | |
| 06 17 53 00-0011 | EA | 28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 481.92 | 128.70 |
| | | *For Up To 15, Add* | *16.84* | |
| | | *For >35, Deduct* | *-11.23* | |
| | | *For 3 In 12 Slope, Add* | *6.74* | |
| | | *For 5 In 12 Slope, Add* | *17.96* | |
| | | *For 6 In 12 Slope, Add* | *33.68* | |
| | | *For 7 In 12 Slope, Add* | *44.90* | |
| | | *For 8 In 12 Slope, Add* | *53.88* | |
| 06 17 53 00-0012 | EA | 30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 501.91 | 202.70 |
| | | *For Up To 15, Add* | *17.37* | |
| | | *For >35, Deduct* | *-11.58* | |
| | | *For 3 In 12 Slope, Add* | *6.95* | |
| | | *For 5 In 12 Slope, Add* | *18.53* | |
| | | *For 6 In 12 Slope, Add* | *34.75* | |
| | | *For 7 In 12 Slope, Add* | *46.33* | |
| | | *For 8 In 12 Slope, Add* | *55.59* | |
| 06 17 53 00-0013 | EA | 32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 531.50 | 138.35 |
| | | *For Up To 15, Add* | *19.11* | |
| | | *For >35, Deduct* | *-12.74* | |
| | | *For 3 In 12 Slope, Add* | *7.64* | |
| | | *For 5 In 12 Slope, Add* | *20.38* | |
| | | *For 6 In 12 Slope, Add* | *38.22* | |
| | | *For 7 In 12 Slope, Add* | *50.96* | |
| | | *For 8 In 12 Slope, Add* | *61.15* | |
| 06 17 53 00-0014 | EA | 34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 595.09 | 217.25 |
| | | *For Up To 15, Add* | *22.91* | |
| | | *For >35, Deduct* | *-15.28* | |
| | | *For 3 In 12 Slope, Add* | *9.17* | |
| | | *For 5 In 12 Slope, Add* | *24.44* | |
| | | *For 6 In 12 Slope, Add* | *45.83* | |
| | | *For 7 In 12 Slope, Add* | *61.10* | |
| | | *For 8 In 12 Slope, Add* | *73.32* | |
| 06 17 53 00-0015 | EA | 36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 625.58 | 148.00 |
| | | *For Up To 15, Add* | *24.72* | |
| | | *For >35, Deduct* | *-16.48* | |
| | | *For 3 In 12 Slope, Add* | *9.89* | |
| | | *For 5 In 12 Slope, Add* | *26.36* | |
| | | *For 6 In 12 Slope, Add* | *49.43* | |
| | | *For 7 In 12 Slope, Add* | *65.91* | |
| | | *For 8 In 12 Slope, Add* | *79.09* | |
| 06 17 53 00-0016 | EA | 38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 660.94 | 231.67 |
| | | *For Up To 15, Add* | *26.40* | |
| | | *For >35, Deduct* | *-17.60* | |
| | | *For 3 In 12 Slope, Add* | *10.56* | |
| | | *For 5 In 12 Slope, Add* | *28.16* | |
| | | *For 6 In 12 Slope, Add* | *52.81* | |
| | | *For 7 In 12 Slope, Add* | *70.41* | |
| | | *For 8 In 12 Slope, Add* | *84.49* | |
| 06 17 53 00-0017 | EA | 40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 681.35 | 160.88 |
| | | *For Up To 15, Add* | *26.97* | |
| | | *For >35, Deduct* | *-17.98* | |
| | | *For 3 In 12 Slope, Add* | *10.79* | |
| | | *For 5 In 12 Slope, Add* | *28.77* | |
| | | *For 6 In 12 Slope, Add* | *53.94* | |
| | | *For 7 In 12 Slope, Add* | *71.92* | |
| | | *For 8 In 12 Slope, Add* | *86.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 17 53 00-0018 | EA | 42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 770.26 | 250.97 |
| | | *For Up To 15, Add* | *32.67* | |
| | | *For >35, Deduct* | *-21.78* | |
| | | *For 3 In 12 Slope, Add* | *13.07* | |
| | | *For 5 In 12 Slope, Add* | *34.85* | |
| | | *For 6 In 12 Slope, Add* | *65.35* | |
| | | *For 7 In 12 Slope, Add* | *87.13* | |
| | | *For 8 In 12 Slope, Add* | *104.55* | |
| 06 17 53 00-0019 | EA | 44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 857.10 | 173.75 |
| | | *For Up To 15, Add* | *38.22* | |
| | | *For >35, Deduct* | *-25.48* | |
| | | *For 3 In 12 Slope, Add* | *15.29* | |
| | | *For 5 In 12 Slope, Add* | *40.77* | |
| | | *For 6 In 12 Slope, Add* | *76.44* | |
| | | *For 7 In 12 Slope, Add* | *101.92* | |
| | | *For 8 In 12 Slope, Add* | *122.31* | |
| 06 17 53 00-0020 | EA | 46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 886.40 | 180.18 |
| | | *For Up To 15, Add* | *39.45* | |
| | | *For >35, Deduct* | *-26.30* | |
| | | *For 3 In 12 Slope, Add* | *15.78* | |
| | | *For 5 In 12 Slope, Add* | *42.08* | |
| | | *For 6 In 12 Slope, Add* | *78.90* | |
| | | *For 7 In 12 Slope, Add* | *105.21* | |
| | | *For 8 In 12 Slope, Add* | *126.25* | |
| 06 17 53 00-0021 | EA | 48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 935.53 | 186.62 |
| | | *For Up To 15, Add* | *42.17* | |
| | | *For >35, Deduct* | *-28.12* | |
| | | *For 3 In 12 Slope, Add* | *16.87* | |
| | | *For 5 In 12 Slope, Add* | *44.98* | |
| | | *For 6 In 12 Slope, Add* | *84.35* | |
| | | *For 7 In 12 Slope, Add* | *112.46* | |
| | | *For 8 In 12 Slope, Add* | *134.95* | |
| 06 17 53 00-0022 | EA | 50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 1,105.88 | 193.05 |
| | | *For Up To 15, Add* | *53.98* | |
| | | *For >35, Deduct* | *-35.99* | |
| | | *For 3 In 12 Slope, Add* | *21.59* | |
| | | *For 5 In 12 Slope, Add* | *57.58* | |
| | | *For 6 In 12 Slope, Add* | *107.97* | |
| | | *For 7 In 12 Slope, Add* | *143.95* | |
| | | *For 8 In 12 Slope, Add* | *172.74* | |
| 06 17 53 00-0023 | EA | 52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 1,029.88 | 173.62 |
| | | *For Up To 15, Add* | *48.28* | |
| | | *For >35, Deduct* | *-32.19* | |
| | | *For 3 In 12 Slope, Add* | *19.31* | |
| | | *For 5 In 12 Slope, Add* | *51.50* | |
| | | *For 6 In 12 Slope, Add* | *96.57* | |
| | | *For 7 In 12 Slope, Add* | *128.75* | |
| | | *For 8 In 12 Slope, Add* | *154.50* | |
| 06 17 53 00-0024 | EA | 54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 1,080.26 | 202.70 |
| | | *For Up To 15, Add* | *50.61* | |
| | | *For >35, Deduct* | *-33.74* | |
| | | *For 3 In 12 Slope, Add* | *20.25* | |
| | | *For 5 In 12 Slope, Add* | *53.99* | |
| | | *For 6 In 12 Slope, Add* | *101.23* | |
| | | *For 7 In 12 Slope, Add* | *134.97* | |
| | | *For 8 In 12 Slope, Add* | *161.96* | |
| 06 17 53 00-0025 | EA | 56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 1,126.31 | 187.90 |
| | | *For Up To 15, Add* | *53.10* | |
| | | *For >35, Deduct* | *-35.40* | |
| | | *For 3 In 12 Slope, Add* | *21.24* | |
| | | *For 5 In 12 Slope, Add* | *56.64* | |
| | | *For 6 In 12 Slope, Add* | *106.20* | |
| | | *For 7 In 12 Slope, Add* | *141.61* | |
| | | *For 8 In 12 Slope, Add* | *169.93* | |
| 06 17 53 00-0026 | EA | 58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 1,172.06 | 212.35 |
| | | *For Up To 15, Add* | *56.05* | |
| | | *For >35, Deduct* | *-37.37* | |
| | | *For 3 In 12 Slope, Add* | *22.42* | |
| | | *For 5 In 12 Slope, Add* | *59.79* | |
| | | *For 6 In 12 Slope, Add* | *112.10* | |
| | | *For 7 In 12 Slope, Add* | *149.47* | |
| | | *For 8 In 12 Slope, Add* | *179.36* | |
| 06 17 53 00-0027 | EA | 60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope | 1,198.74 | 215.58 |
| | | *For Up To 15, Add* | *57.57* | |
| | | *For >35, Deduct* | *-38.38* | |
| | | *For 3 In 12 Slope, Add* | *23.03* | |
| | | *For 5 In 12 Slope, Add* | *61.41* | |
| | | *For 6 In 12 Slope, Add* | *115.14* | |
| | | *For 7 In 12 Slope, Add* | *153.52* | |
| | | *For 8 In 12 Slope, Add* | *184.22* | |

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 17 53 00-0029 | EA | 10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 230.83 | 67.56 |
| | | *For 3 In 12 Slope, Add* | *2.87* | |
| | | *For 5 In 12 Slope, Add* | *7.66* | |
| | | *For 6 In 12 Slope, Add* | *14.35* | |
| | | *For 7 In 12 Slope, Add* | *19.14* | |
| | | *For 8 In 12 Slope, Add* | *22.97* | |
| | | *For 16" On Center Gable Studs, Add* | *19.14* | |
| 06 17 53 00-0030 | EA | 12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 259.77 | 74.00 |
| | | *For 3 In 12 Slope, Add* | *3.35* | |
| | | *For 5 In 12 Slope, Add* | *8.94* | |
| | | *For 6 In 12 Slope, Add* | *16.77* | |
| | | *For 7 In 12 Slope, Add* | *22.35* | |
| | | *For 8 In 12 Slope, Add* | *26.82* | |
| | | *For 16" On Center Gable Studs, Add* | *22.35* | |
| 06 17 53 00-0031 | EA | 14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 295.37 | 80.44 |
| | | *For 3 In 12 Slope, Add* | *4.03* | |
| | | *For 5 In 12 Slope, Add* | *10.76* | |
| | | *For 6 In 12 Slope, Add* | *20.17* | |
| | | *For 7 In 12 Slope, Add* | *26.90* | |
| | | *For 8 In 12 Slope, Add* | *32.28* | |
| | | *For 16" On Center Gable Studs, Add* | *26.90* | |
| 06 17 53 00-0032 | EA | 16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 348.51 | 86.88 |
| | | *For 3 In 12 Slope, Add* | *5.24* | |
| | | *For 5 In 12 Slope, Add* | *13.98* | |
| | | *For 6 In 12 Slope, Add* | *26.21* | |
| | | *For 7 In 12 Slope, Add* | *34.95* | |
| | | *For 8 In 12 Slope, Add* | *41.94* | |
| | | *For 16" On Center Gable Studs, Add* | *34.95* | |
| 06 17 53 00-0033 | EA | 18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 391.57 | 93.31 |
| | | *For 3 In 12 Slope, Add* | *6.15* | |
| | | *For 5 In 12 Slope, Add* | *16.40* | |
| | | *For 6 In 12 Slope, Add* | *30.74* | |
| | | *For 7 In 12 Slope, Add* | *40.99* | |
| | | *For 8 In 12 Slope, Add* | *49.19* | |
| | | *For 16" On Center Gable Studs, Add* | *40.99* | |
| 06 17 53 00-0034 | EA | 20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 421.58 | 102.96 |
| | | *For 3 In 12 Slope, Add* | *6.47* | |
| | | *For 5 In 12 Slope, Add* | *17.25* | |
| | | *For 6 In 12 Slope, Add* | *32.35* | |
| | | *For 7 In 12 Slope, Add* | *43.13* | |
| | | *For 8 In 12 Slope, Add* | *51.76* | |
| | | *For 16" On Center Gable Studs, Add* | *43.13* | |
| 06 17 53 00-0035 | EA | 22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 440.72 | 109.40 |
| | | *For 3 In 12 Slope, Add* | *6.66* | |
| | | *For 5 In 12 Slope, Add* | *17.75* | |
| | | *For 6 In 12 Slope, Add* | *33.29* | |
| | | *For 7 In 12 Slope, Add* | *44.39* | |
| | | *For 8 In 12 Slope, Add* | *53.26* | |
| | | *For 16" On Center Gable Studs, Add* | *44.39* | |
| 06 17 53 00-0036 | EA | 24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 472.41 | 115.83 |
| | | *For 3 In 12 Slope, Add* | *7.22* | |
| | | *For 5 In 12 Slope, Add* | *19.26* | |
| | | *For 6 In 12 Slope, Add* | *36.11* | |
| | | *For 7 In 12 Slope, Add* | *48.15* | |
| | | *For 8 In 12 Slope, Add* | *57.78* | |
| | | *For 16" On Center Gable Studs, Add* | *48.15* | |
| 06 17 53 00-0037 | EA | 26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 506.11 | 122.26 |
| | | *For 3 In 12 Slope, Add* | *7.85* | |
| | | *For 5 In 12 Slope, Add* | *20.93* | |
| | | *For 6 In 12 Slope, Add* | *39.24* | |
| | | *For 7 In 12 Slope, Add* | *52.32* | |
| | | *For 8 In 12 Slope, Add* | *62.78* | |
| | | *For 16" On Center Gable Studs, Add* | *52.32* | |
| 06 17 53 00-0038 | EA | 28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 542.58 | 128.70 |
| | | *For 3 In 12 Slope, Add* | *8.56* | |
| | | *For 5 In 12 Slope, Add* | *22.81* | |
| | | *For 6 In 12 Slope, Add* | *42.78* | |
| | | *For 7 In 12 Slope, Add* | *57.04* | |
| | | *For 8 In 12 Slope, Add* | *68.44* | |
| | | *For 16" On Center Gable Studs, Add* | *57.04* | |
| 06 17 53 00-0039 | EA | 30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 566.99 | 135.14 |
| | | *For 3 In 12 Slope, Add* | *8.90* | |
| | | *For 5 In 12 Slope, Add* | *23.74* | |
| | | *For 6 In 12 Slope, Add* | *44.51* | |
| | | *For 7 In 12 Slope, Add* | *59.34* | |
| | | *For 8 In 12 Slope, Add* | *71.21* | |
| | | *For 16" On Center Gable Studs, Add* | *59.34* | |
| 06 17 53 00-0040 | EA | 32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 603.11 | 138.35 |
| | | *For 3 In 12 Slope, Add* | *9.79* | |
| | | *For 5 In 12 Slope, Add* | *26.11* | |
| | | *For 6 In 12 Slope, Add* | *48.96* | |
| | | *For 7 In 12 Slope, Add* | *65.28* | |
| | | *For 8 In 12 Slope, Add* | *78.34* | |
| | | *For 16" On Center Gable Studs, Add* | *65.28* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 17 53 00-0041 | EA | 34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 680.92 | 144.79 |
| | | *For 3 In 12 Slope, Add* | *11.74* | |
| | | *For 5 In 12 Slope, Add* | *31.31* | |
| | | *For 6 In 12 Slope, Add* | *58.70* | |
| | | *For 7 In 12 Slope, Add* | *78.27* | |
| | | *For 8 In 12 Slope, Add* | *93.92* | |
| | | *For 16" On Center Gable Studs, Add* | *78.27* | |
| 06 17 53 00-0042 | EA | 36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 718.19 | 148.00 |
| | | *For 3 In 12 Slope, Add* | *12.67* | |
| | | *For 5 In 12 Slope, Add* | *33.77* | |
| | | *For 6 In 12 Slope, Add* | *63.33* | |
| | | *For 7 In 12 Slope, Add* | *84.43* | |
| | | *For 8 In 12 Slope, Add* | *101.32* | |
| | | *For 16" On Center Gable Studs, Add* | *84.43* | |
| 06 17 53 00-0043 | EA | 38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 759.86 | 154.44 |
| | | *For 3 In 12 Slope, Add* | *13.53* | |
| | | *For 5 In 12 Slope, Add* | *36.08* | |
| | | *For 6 In 12 Slope, Add* | *67.65* | |
| | | *For 7 In 12 Slope, Add* | *90.20* | |
| | | *For 8 In 12 Slope, Add* | *108.24* | |
| | | *For 16" On Center Gable Studs, Add* | *90.20* | |
| 06 17 53 00-0044 | EA | 40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 811.42 | 160.88 |
| | | *For 3 In 12 Slope, Add* | *14.69* | |
| | | *For 5 In 12 Slope, Add* | *39.17* | |
| | | *For 6 In 12 Slope, Add* | *73.45* | |
| | | *For 7 In 12 Slope, Add* | *97.93* | |
| | | *For 8 In 12 Slope, Add* | *117.52* | |
| | | *For 16" On Center Gable Studs, Add* | *97.93* | |
| 06 17 53 00-0045 | EA | 42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 927.84 | 167.31 |
| | | *For 3 In 12 Slope, Add* | *17.80* | |
| | | *For 5 In 12 Slope, Add* | *47.46* | |
| | | *For 6 In 12 Slope, Add* | *88.98* | |
| | | *For 7 In 12 Slope, Add* | *118.64* | |
| | | *For 8 In 12 Slope, Add* | *142.37* | |
| | | *For 16" On Center Gable Studs, Add* | *118.64* | |
| 06 17 53 00-0046 | EA | 44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,041.44 | 173.75 |
| | | *For 3 In 12 Slope, Add* | *20.82* | |
| | | *For 5 In 12 Slope, Add* | *55.52* | |
| | | *For 6 In 12 Slope, Add* | *104.09* | |
| | | *For 7 In 12 Slope, Add* | *138.79* | |
| | | *For 8 In 12 Slope, Add* | *166.55* | |
| | | *For 16" On Center Gable Studs, Add* | *138.79* | |
| 06 17 53 00-0047 | EA | 46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,076.68 | 180.18 |
| | | *For 3 In 12 Slope, Add* | *21.49* | |
| | | *For 5 In 12 Slope, Add* | *57.30* | |
| | | *For 6 In 12 Slope, Add* | *107.45* | |
| | | *For 7 In 12 Slope, Add* | *143.26* | |
| | | *For 8 In 12 Slope, Add* | *171.91* | |
| | | *For 16" On Center Gable Studs, Add* | *143.26* | |
| 06 17 53 00-0048 | EA | 48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,138.90 | 186.62 |
| | | *For 3 In 12 Slope, Add* | *22.97* | |
| | | *For 5 In 12 Slope, Add* | *61.25* | |
| | | *For 6 In 12 Slope, Add* | *114.85* | |
| | | *For 7 In 12 Slope, Add* | *153.13* | |
| | | *For 8 In 12 Slope, Add* | *183.76* | |
| | | *For 16" On Center Gable Studs, Add* | *153.13* | |
| 06 17 53 00-0049 | EA | 50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,264.70 | 193.05 |
| | | *For 3 In 12 Slope, Add* | *26.36* | |
| | | *For 5 In 12 Slope, Add* | *70.29* | |
| | | *For 6 In 12 Slope, Add* | *131.79* | |
| | | *For 7 In 12 Slope, Add* | *175.72* | |
| | | *For 8 In 12 Slope, Add* | *210.86* | |
| | | *For 16" On Center Gable Studs, Add* | *175.72* | |
| 06 17 53 00-0050 | EA | 52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,289.28 | 199.49 |
| | | *For 3 In 12 Slope, Add* | *26.71* | |
| | | *For 5 In 12 Slope, Add* | *71.22* | |
| | | *For 6 In 12 Slope, Add* | *133.55* | |
| | | *For 7 In 12 Slope, Add* | *178.06* | |
| | | *For 8 In 12 Slope, Add* | *213.67* | |
| | | *For 16" On Center Gable Studs, Add* | *178.06* | |
| 06 17 53 00-0051 | EA | 54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,338.75 | 202.70 |
| | | *For 3 In 12 Slope, Add* | *28.00* | |
| | | *For 5 In 12 Slope, Add* | *74.67* | |
| | | *For 6 In 12 Slope, Add* | *140.00* | |
| | | *For 7 In 12 Slope, Add* | *186.67* | |
| | | *For 8 In 12 Slope, Add* | *224.00* | |
| | | *For 16" On Center Gable Studs, Add* | *186.67* | |
| 06 17 53 00-0052 | EA | 56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,397.46 | 209.14 |
| | | *For 3 In 12 Slope, Add* | *29.38* | |
| | | *For 5 In 12 Slope, Add* | *78.33* | |
| | | *For 6 In 12 Slope, Add* | *146.88* | |
| | | *For 7 In 12 Slope, Add* | *195.84* | |
| | | *For 8 In 12 Slope, Add* | *235.00* | |
| | | *For 16" On Center Gable Studs, Add* | *195.84* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 17 53 00-0053 | EA | 58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,458.25 | 212.35 |
| | | *For 3 In 12 Slope, Add* | *31.01* | |
| | | *For 5 In 12 Slope, Add* | *82.68* | |
| | | *For 6 In 12 Slope, Add* | *155.03* | |
| | | *For 7 In 12 Slope, Add* | *206.71* | |
| | | *For 8 In 12 Slope, Add* | *248.05* | |
| | | *For 16" On Center Gable Studs, Add* | *206.71* | |
| 06 17 53 00-0054 | EA | 60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 1,492.70 | 215.58 |
| | | *For 3 In 12 Slope, Add* | *31.85* | |
| | | *For 5 In 12 Slope, Add* | *84.92* | |
| | | *For 6 In 12 Slope, Add* | *159.23* | |
| | | *For 7 In 12 Slope, Add* | *212.31* | |
| | | *For 8 In 12 Slope, Add* | *254.77* | |
| | | *For 16" On Center Gable Studs, Add* | *212.31* | |

## 06 18 Glued-Laminated Construction *(06 10)*

### 06 18 13 Glued-Laminated Beams *(06 18)*

#### 06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

| | | | | |
|---|---|---|---|---|
| 06 18 13 00-0002 | LF | 3-1/2" x 6" Glue Laminated Straight Beam | 14.42 | 2.46 |
| 06 18 13 00-0003 | LF | 3-1/2" x 7-1/2" Glue Laminated Straight Beam | 18.01 | 3.09 |
| 06 18 13 00-0004 | LF | 3-1/2" x 9" Glue Laminated Straight Beam | 21.62 | 3.71 |
| 06 18 13 00-0005 | LF | 3-1/2" x 9-1/2" Glue Laminated Straight Beam | 22.81 | 3.91 |
| 06 18 13 00-0006 | LF | 3-1/2" x 10-1/2" Glue Laminated Straight Beam | 25.21 | 4.32 |
| 06 18 13 00-0007 | LF | 3-1/2" x 12" Glue Laminated Straight Beam | 28.81 | 4.94 |
| 06 18 13 00-0008 | LF | 3-1/2" x 13-1/2" Glue Laminated Straight Beam | 32.43 | 5.55 |
| 06 18 13 00-0009 | LF | 3-1/2" x 14" Glue Laminated Straight Beam | 33.63 | 5.77 |
| 06 18 13 00-0010 | LF | 3-1/2" x 15" Glue Laminated Straight Beam | 36.04 | 6.17 |
| 06 18 13 00-0011 | LF | 3-1/2" x 16" Glue Laminated Straight Beam | 38.40 | 6.59 |
| 06 18 13 00-0012 | LF | 3-1/2" x 16-1/2" Glue Laminated Straight Beam | 39.62 | 6.80 |
| 06 18 13 00-0013 | LF | 3-1/2" x 18" Glue Laminated Straight Beam | 43.22 | 7.42 |
| 06 18 13 00-0014 | LF | 3-1/2" x 19-1/2" Glue Laminated Straight Beam | 46.83 | 8.04 |
| 06 18 13 00-0015 | LF | 3-1/2" x 21" Glue Laminated Straight Beam | 50.41 | 8.65 |
| 06 18 13 00-0016 | LF | 3-1/2" x 22.5" Glue Laminated Straight Beam | 54.05 | 9.27 |
| 06 18 13 00-0017 | LF | 5-1/2" x 6" Glue Laminated Straight Beam | 22.64 | 3.89 |
| 06 18 13 00-0018 | LF | 5-1/2" x 7-1/2" Glue Laminated Straight Beam | 28.30 | 4.86 |
| 06 18 13 00-0019 | LF | 5-1/2" x 9" Glue Laminated Straight Beam | 33.97 | 5.83 |
| 06 18 13 00-0020 | LF | 5-1/2" x 9-1/2" Glue Laminated Straight Beam | 35.85 | 6.15 |
| 06 18 13 00-0021 | LF | 5-1/2" x 10-1/2" Glue Laminated Straight Beam | 39.62 | 6.80 |
| 06 18 13 00-0022 | LF | 5-1/2" x 12" Glue Laminated Straight Beam | 45.29 | 7.76 |
| 06 18 13 00-0023 | LF | 5-1/2" x 13-1/2" Glue Laminated Straight Beam | 50.95 | 8.74 |
| 06 18 13 00-0024 | LF | 5-1/2" x 14" Glue Laminated Straight Beam | 52.83 | 9.06 |
| 06 18 13 00-0025 | LF | 5-1/2" x 15" Glue Laminated Straight Beam | 56.61 | 9.70 |
| 06 18 13 00-0026 | LF | 5-1/2" x 16" Glue Laminated Straight Beam | 60.37 | 10.36 |
| 06 18 13 00-0027 | LF | 5-1/2" x 16-1/2" Glue Laminated Straight Beam | 62.26 | 10.68 |
| 06 18 13 00-0028 | LF | 5-1/2" x 18" Glue Laminated Straight Beam | 67.93 | 11.65 |
| 06 18 13 00-0029 | LF | 5-1/2" x 19-1/2" Glue Laminated Straight Beam | 73.59 | 12.62 |
| 06 18 13 00-0030 | LF | 5-1/2" x 21" Glue Laminated Straight Beam | 79.26 | 13.59 |
| 06 18 13 00-0031 | LF | 5-1/2" x 22.5" Glue Laminated Straight Beam | 84.92 | 14.57 |
| 06 18 13 00-0032 | LF | 5-1/2" x 24" Glue Laminated Straight Beam | 90.57 | 15.53 |
| 06 18 13 00-0033 | LF | 6-3/4" x 9" Glue Laminated Straight Beam | 41.69 | 7.15 |
| 06 18 13 00-0034 | LF | 6-3/4" x 9-1/2" Glue Laminated Straight Beam | 43.98 | 7.55 |
| 06 18 13 00-0035 | LF | 6-3/4" x 10-1/2" Glue Laminated Straight Beam | 48.62 | 8.34 |
| 06 18 13 00-0036 | LF | 6-3/4" x 12" Glue Laminated Straight Beam | 55.59 | 9.52 |
| 06 18 13 00-0037 | LF | 6-3/4" x 13-1/2" Glue Laminated Straight Beam | 62.54 | 10.72 |
| 06 18 13 00-0038 | LF | 6-3/4" x 14" Glue Laminated Straight Beam | 64.84 | 11.12 |
| 06 18 13 00-0039 | LF | 6-3/4" x 15" Glue Laminated Straight Beam | 69.47 | 11.91 |
| 06 18 13 00-0040 | LF | 6-3/4" x 16" Glue Laminated Straight Beam | 74.11 | 12.70 |
| 06 18 13 00-0041 | LF | 6-3/4" x 16-1/2" Glue Laminated Straight Beam | 76.42 | 13.10 |
| 06 18 13 00-0042 | LF | 6-3/4" x 18" Glue Laminated Straight Beam | 83.35 | 14.30 |
| 06 18 13 00-0043 | LF | 6-3/4" x 19-1/2" Glue Laminated Straight Beam | 90.32 | 15.49 |
| 06 18 13 00-0044 | LF | 6-3/4" x 21" Glue Laminated Straight Beam | 97.27 | 16.68 |
| 06 18 13 00-0045 | LF | 6-3/4" x 22.5" Glue Laminated Straight Beam | 104.20 | 17.87 |
| 06 18 13 00-0046 | LF | 6-3/4" x 24" Glue Laminated Straight Beam | 111.15 | 19.07 |
| 06 18 13 00-0047 | LF | 8-3/4" x 9" Glue Laminated Straight Beam | 54.05 | 9.27 |
| 06 18 13 00-0048 | LF | 8-3/4" x 9-1/2" Glue Laminated Straight Beam | 57.04 | 9.77 |
| 06 18 13 00-0049 | LF | 8-3/4" x 10-1/2" Glue Laminated Straight Beam | 63.04 | 10.81 |
| 06 18 13 00-0050 | LF | 8-3/4" x 12" Glue Laminated Straight Beam | 72.04 | 12.36 |
| 06 18 13 00-0051 | LF | 8-3/4" x 13-1/2" Glue Laminated Straight Beam | 81.06 | 13.90 |
| 06 18 13 00-0052 | LF | 8-3/4" x 14" Glue Laminated Straight Beam | 84.04 | 14.41 |
| 06 18 13 00-0053 | LF | 8-3/4" x 15" Glue Laminated Straight Beam | 90.05 | 15.44 |
| 06 18 13 00-0054 | LF | 8-3/4" x 16" Glue Laminated Straight Beam | 96.05 | 16.47 |
| 06 18 13 00-0055 | LF | 8-3/4" x 16-1/2" Glue Laminated Straight Beam | 99.07 | 16.99 |
| 06 18 13 00-0056 | LF | 8-3/4" x 18" Glue Laminated Straight Beam | 108.07 | 18.53 |
| 06 18 13 00-0057 | LF | 8-3/4" x 19-1/2" Glue Laminated Straight Beam | 117.09 | 20.07 |
| 06 18 13 00-0058 | LF | 8-3/4" x 21" Glue Laminated Straight Beam | 126.08 | 21.63 |
| 06 18 13 00-0059 | LF | 8-3/4" x 22.5" Glue Laminated Straight Beam | 135.07 | 23.17 |
| 06 18 13 00-0060 | LF | 8-3/4" x 24" Glue Laminated Straight Beam | 144.09 | 24.71 |

#### 06 18 13 00-0061 Glue Laminated Decking *(06 18 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 18 13 00-0062 | LF | 2" - 4" Thick x 4" Wide Glue Laminated Decking | 7.16 | 1.49 |
| 06 18 13 00-0063 | LF | 2" - 4" Thick x 6" Wide Glue Laminated Decking | 7.21 | 1.49 |
| 06 18 13 00-0064 | LF | 2" - 4" Thick x 8" Wide Glue Laminated Decking | 7.22 | 1.41 |

### 06 18 16 Glued-Laminated Columns *(06 18)*

06 18 16 00-0001 Glue Laminated Structural Units *(06 18 16)*

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

| | | | | |
|---|---|---|---|---|
| 06 18 16 00-0002 | LF | 3-1/4" x 7-1/2" Glue Laminated Purlin Or Column | 23.35 | 3.05 |
| 06 18 16 00-0003 | LF | 3-1/4" x 9-1/4" Glue Laminated Purlin Or Column | 26.35 | 3.39 |
| 06 18 16 00-0004 | LF | 5-1/4" x 9-1/4" Glue Laminated Purlin Or Column | 47.54 | 7.25 |
| 06 18 16 00-0005 | LF | 5-1/4" x 13" Glue Laminated Purlin Or Column | 53.03 | 7.60 |

## 06 20 Finish Carpentry *(06)*

### 06 22 Millwork *(06 20)*

### 06 22 13 Standard Pattern Wood Trim *(06 22)*

06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*

| | | | | |
|---|---|---|---|---|
| 06 22 13 00-0002 | LF | 1/4" x 1-1/4" Wood Lattice Strip | 2.64 | 0.86 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.32* | |
| 06 22 13 00-0003 | LF | 1/4" x 1-5/8" Wood Lattice Strip | 2.79 | 0.69 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.32* | |
| 06 22 13 00-0004 | LF | 1/4" x 2-1/2" Wood Lattice Strip | 3.61 | 0.69 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.32* | |
| 06 22 13 00-0005 | LF | 1/4" x 3-1/2" Wood Lattice Strip | 4.09 | 0.69 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.32* | |

06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) *(06 22 13)*

06 22 13 00-0007 White Pine *(06 22 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 22 13 00-0008 | LF | 9/16" x 3-5/8" White Pine Crown Or Bed Molding | 12.89 | 3.01 |
| | | *For Birch, Add* | *3.09* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *4.30* | |
| | | *For Poplar, Add* | *1.72* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *1.12* | |
| 06 22 13 00-0009 | LF | 11/16" x 4-5/8" White Pine Crown Or Bed Molding | 17.40 | 3.61 |
| | | *For Birch, Add* | *4.41* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *6.03* | |
| | | *For Poplar, Add* | *2.45* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.18* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *1.59* | |
| 06 22 13 00-0010 | LF | 3/4" x 3/4" White Pine Crown Or Bed Molding | 5.99 | 2.06 |
| | | *For Birch, Add* | *0.92* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *1.50* | |
| | | *For Poplar, Add* | *0.51* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.79* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.33* | |
| 06 22 13 00-0011 | LF | 9/16" x 1-5/8" White Pine Crown Or Bed Molding | 6.91 | 2.06 |
| | | *For Birch, Add* | *1.25* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *1.91* | |
| | | *For Poplar, Add* | *0.70* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.79* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.45* | |
| 06 22 13 00-0012 | LF | 9/16" x 2-1/4" White Pine Crown Or Bed Molding | 9.13 | 2.57 |
| | | *For Birch, Add* | *1.74* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *2.60* | |
| | | *For Poplar, Add* | *0.97* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.63* | |
| 06 22 13 00-0013 | LF | 3/4" x 3-1/2" White Pine Crown Or Bed Molding | 10.67 | 2.57 |
| | | *For Birch, Add* | *2.29* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *3.30* | |
| | | *For Poplar, Add* | *1.27* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.83* | |
| 06 22 13 00-0014 | LF | 5/8" x 4-1/4" White Pine Crown Or Bed Molding | 13.28 | 3.09 |
| | | *For Birch, Add* | *2.93* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *4.17* | |
| | | *For Poplar, Add* | *1.63* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.18* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *1.06* | |
| 06 22 13 00-0015 | LF | 1" x 2" White Pine Dentil Molding | 6.23 | 2.40 |
| | | *For Birch, Add* | *1.01* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *1.60* | |
| | | *For Poplar, Add* | *0.56* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.79* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.36* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 22 13 00-0016 | LF | 9/16" x 1-3/4" White Pine Cove Molding | 5.32 | 1.81 |
| | | *For Birch, Add* | *0.99* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *1.49* | |
| | | *For Poplar, Add* | *0.55* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.59* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.36* | |
| 06 22 13 00-0017 | LF | 11/16" x 2-3/4" White Pine Cove Molding | 8.26 | 1.81 |
| | | *For Birch, Add* | *2.05* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *2.82* | |
| | | *For Poplar, Add* | *1.14* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.59* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.74* | |
| 06 22 13 00-0018 | LF | 3/8" x 3/8" White Pine Cove Molding | 3.09 | 1.03 |
| | | *For Birch, Add* | *0.47* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *0.76* | |
| | | *For Poplar, Add* | *0.26* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.41* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.17* | |
| 06 22 13 00-0019 | LF | 1/2" x 1/2" White Pine Cove Molding | 3.42 | 1.03 |
| | | *For Birch, Add* | *0.59* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *0.91* | |
| | | *For Poplar, Add* | *0.33* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.41* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.21* | |
| 06 22 13 00-0020 | LF | 5/8" x 5/8" White Pine Cove Molding | 4.61 | 1.29 |
| | | *For Birch, Add* | *0.89* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *1.32* | |
| | | *For Poplar, Add* | *0.49* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.49* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.32* | |
| 06 22 13 00-0021 | LF | 3/4" x 3/4" White Pine Cove Molding | 4.61 | 1.29 |
| | | *For Birch, Add* | *0.89* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *1.32* | |
| | | *For Poplar, Add* | *0.49* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.49* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.32* | |
| 06 22 13 00-0022 | LF | 15/16" x 15/16" White Pine Cove Molding | 6.10 | 1.29 |
| | | *For Birch, Add* | *1.42* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *1.99* | |
| | | *For Poplar, Add* | *0.79* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.49* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.51* | |
| 06 22 13 00-0023 | LF | 7-1/2" Wide Mullion Covers | 41.84 | 1.54 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.71* | |
| 06 22 13 00-0024 | LF | Three Piece Mullion Trim, 2 Cove Moldings | 53.13 | 1.54 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.71* | |
| 06 22 13 00-0025 | LF | 2-1/2" - 3-1/2" Staff Molding | 16.47 | 0.86 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.41* | |
| 06 22 13 00-0026 | LF | 2-1/2" - 3-1/2" Cove Staff Molding | 20.23 | 0.86 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.41* | |

### 06 22 13 00-0027 Cedar Trim *(06 22 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 22 13 00-0028 | LF | 2" x 4" Cedar Ceiling Trim | 10.48 | 4.36 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.44* | |

### 06 22 13 00-0029 Oak Trim *(06 22 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 22 13 00-0030 | LF | 1" x 8" Clear Oak Ceiling Trim | 11.03 | 4.02 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.34* | |

### 06 22 13 00-0031 Closet Poles *(06 22 13)*

| | | | | |
|---|---|---|---|---|
| 06 22 13 00-0032 | LF | 1-1/8" Diameter Pine Closet Poles | 9.21 | 2.23 |
| 06 22 13 00-0033 | LF | 1-5/8" Diameter Pine Closet Poles | 11.41 | 2.23 |
| 06 22 13 00-0034 | LF | 2" Diameter Pine Closet Poles | 15.94 | 2.49 |

## 06 25 Prefinished Paneling *(06 20)*

### 06 25 16 Prefinished Plywood Paneling *(06 25)*

### 06 25 16 00-0001 Hardboard Panels *(06 25 16)*

Note: Excludes furring and trim.

### 06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 25 16 00-0003 | SF | 1/4" Tempered Hardboard Panels | 4.64 | 1.57 |
| | | *For Waterproof Glue, Add* | *0.07* | |
| | | *For Ceiling Installation, Add* | *1.07* | |
| | | *For Glue Laminated Installation, Add* | *0.23* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.43* | |
| | | *For 1/2" Thick Paneling, Add* | *1.01* | |
| | | *For 5/8" Thick Paneling, Add* | *1.23* | |
| | | *For 3/4" Thick Paneling, Add* | *1.52* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *0.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 25 16 00-0004 | SF | 1/4" Plastic Faced Tempered Hardboard Panels | 5.17 | 1.92 |
| | | *For Waterproof Glue, Add* | *0.07* | |
| | | *For Ceiling Installation, Add* | *1.26* | |
| | | *For Glue Laminated Installation, Add* | *0.26* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.46* | |
| | | *For 1/2" Thick Paneling, Add* | *1.03* | |
| | | *For 5/8" Thick Paneling, Add* | *1.24* | |
| | | *For 3/4" Thick Paneling, Add* | *1.50* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *0.77* | |
| 06 25 16 00-0005 | SF | 1/4" Pegboard Tempered Hardboard Panels | 5.38 | 1.57 |
| | | *For Waterproof Glue, Add* | *0.13* | |
| | | *For Ceiling Installation, Add* | *1.07* | |
| | | *For Glue Laminated Installation, Add* | *0.27* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.55* | |
| | | *For 1/2" Thick Paneling, Add* | *1.41* | |
| | | *For 5/8" Thick Paneling, Add* | *1.79* | |
| | | *For 3/4" Thick Paneling, Add* | *2.27* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *1.43* | |
| 06 25 16 00-0006 | SF | 1/4" Plastic Faced Pegboard Tempered Hardboard | 5.39 | 1.92 |
| | | *For Waterproof Glue, Add* | *0.08* | |
| | | *For Ceiling Installation, Add* | *1.26* | |
| | | *For Glue Laminated Installation, Add* | *0.27* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.49* | |
| | | *For 1/2" Thick Paneling, Add* | *1.15* | |
| | | *For 5/8" Thick Paneling, Add* | *1.40* | |
| | | *For 3/4" Thick Paneling, Add* | *1.73* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *0.95* | |
| 06 25 16 00-0007 | | Untempered Hardboard Panels *(06 25 16 00-0001)* | | |
| 06 25 16 00-0008 | SF | 1/4" Untempered Hardboard Panels | 4.41 | 1.57 |
| | | *For Waterproof Glue, Add* | *0.06* | |
| | | *For Glue Laminated Installation, Add* | *0.22* | |
| | | *For Lumber Core, Add* | *0.09* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *0.66* | |

# 06 40 Architectural Woodwork *(06)*

## 06 41 Architectural Wood Casework *(06 40)*

### 06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0001 | | Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*<br>Note: Includes storage, cleaning and supply materials. Any height or width. | | |
| 06 41 13 00-0002 | LF | Removal And Reinstallation Of Wood Base Cabinets | 65.71 | |
| 06 41 13 00-0003 | LF | Removal And Reinstallation Of Wall Cabinets | 57.14 | |
| 06 41 13 00-0004 | LF | Removal And Reinstallation Of Plastic Laminated Countertops | 13.71 | |
| 06 41 13 00-0005 | | Wood-Veneer Faced Wall And Base Cabinets *(06 41 13)*<br>Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware. | | |
| 06 41 13 00-0006 | | Solid Maple Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)* | | |
| 06 41 13 00-0007 | | Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0006)* | | |
| 06 41 13 00-0008 | EA | 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 382.69 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0009 | EA | 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 407.83 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0010 | EA | 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 426.78 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0011 | EA | 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 449.62 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0012 | EA | 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 514.53 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0013 | EA | 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 538.68 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0014 | EA | 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 583.99 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0015 | EA | 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 615.94 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0016 | EA | 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 635.10 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0017 | EA | 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet | 726.24 | 68.72 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0018 | EA | 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 810.95 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0019 | EA | 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 901.58 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0020 | EA | 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 852.50 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0021 | EA | 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 953.25 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0022 | EA | 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 388.77 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0023 | EA | 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 397.70 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0024 | EA | 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 435.90 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0025 | EA | 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 464.81 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0026 | EA | 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 485.15 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0027 | EA | 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 510.31 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0028 | EA | 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 850.47 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0029 | EA | 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 897.61 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0030 | EA | 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 944.14 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0031 | EA | 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 481.99 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0032 | EA | 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 491.93 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0033 | EA | 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 535.19 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0034 | EA | 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 570.19 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0035 | EA | 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 600.65 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0036 | EA | 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 631.90 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0037 | EA | 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 893.02 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0038 | EA | 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 945.24 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0039 | EA | 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet | 998.85 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |

## 06 41 13 00-0040 Wall Cabinet, 12" High, 12" Deep *(06 41 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0041 | EA | 30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet | 341.15 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0042 | EA | 33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet | 365.12 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0043 | EA | 36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet | 403.01 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0044 | EA | 39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet | 431.38 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0045 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0046 | EA | 12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 288.81 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0047 | EA | 15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 295.59 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0048 | EA | 18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 310.48 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0049 | EA | 21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 318.27 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0050 | EA | 24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 327.09 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0051 | EA | 30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 342.99 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0052 | EA | 33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 368.01 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0053 | EA | 36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 403.01 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0054 | EA | 39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 431.38 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0055 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0056 | EA | 12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 300.97 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0057 | EA | 15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 316.87 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0058 | EA | 18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 328.72 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0059 | EA | 21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 341.57 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0060 | EA | 24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 359.52 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0061 | EA | 27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 380.63 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0062 | EA | 30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 399.73 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0063 | EA | 33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 414.62 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0064 | EA | 36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 423.27 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0065 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0066 | EA | 12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 323.88 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0067 | EA | 15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 353.99 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0068 | EA | 18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 378.84 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0069 | EA | 21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 409.18 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0070 | EA | 24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 438.54 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0071 | EA | 27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 482.95 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0072 | EA | 30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 494.96 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0073 | EA | 33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 541.39 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0074 | EA | 36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 557.42 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0075 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0076 | EA | 12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 367.45 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0077 | EA | 15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 399.59 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0078 | EA | 18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 427.48 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0079 | EA | 21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 459.84 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0080 | EA | 24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 542.90 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0081 | EA | 27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 545.77 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0082 | EA | 30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 565.89 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0083 | EA | 33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 620.43 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0084 | EA | 36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 636.45 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0085 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0086 | EA | 12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 413.04 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0087 | EA | 15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 452.27 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0088 | EA | 18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 482.19 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0089 | EA | 21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 513.54 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0090 | EA | 24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet | 561.14 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0091 | EA | 27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 600.48 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0092 | EA | 30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 632.76 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0093 | EA | 33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 694.39 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0094 | EA | 36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 715.48 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0096 | EA | 30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 390.47 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0097 | EA | 33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 420.39 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0098 | EA | 36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 452.72 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0099 | EA | 39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet | 490.87 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0100 | EA | 48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet | 583.80 | 68.72 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0101 Utility Cabinets, 84" High *(06 41 13 00-0006)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0102 | EA | 15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet | 741.30 | 38.17 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0103 | EA | 18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet | 840.90 | 45.81 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0104 | EA | 21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet | 947.60 | 358.83 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0105 | EA | 24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet | 994.51 | 61.08 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0106 | EA | 30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet | 1,212.66 | 76.34 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0107 | EA | 36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet | 1,404.45 | 91.62 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0108 | EA | 15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet | 844.65 | 38.17 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0109 | EA | 18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet | 935.13 | 45.81 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0110 | EA | 21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet | 1,071.21 | 53.44 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0111 | EA | 24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet | 1,137.38 | 61.08 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0112 | EA | 30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet | 1,422.40 | 76.34 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0113 | EA | 36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet | 1,631.42 | 91.62 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0114 | | Solid Oak Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)* | | |
| 06 41 13 00-0115 | | Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0114)* | | |
| 06 41 13 00-0116 | EA | 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 343.17 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0117 | EA | 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 365.28 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0118 | EA | 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 382.20 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0119 | EA | 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 403.01 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0120 | EA | 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 459.82 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0121 | EA | 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 481.94 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0122 | EA | 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 521.17 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0123 | EA | 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 550.08 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0124 | EA | 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 567.22 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0125 | EA | 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet | 648.22 | 68.72 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0126 | EA | 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 721.79 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0127 | EA | 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 801.27 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0128 | EA | 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 758.27 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0129 | EA | 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 846.87 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0130 | EA | 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 349.25 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0131 | EA | 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 357.17 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0132 | EA | 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 390.30 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0133 | EA | 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 416.18 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0134 | EA | 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 434.48 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0135 | EA | 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 456.61 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0136 | EA | 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 756.24 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0137 | EA | 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 797.30 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0138 | EA | 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 838.76 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0139 | EA | 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 430.31 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0140 | EA | 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 440.26 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0141 | EA | 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 478.45 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0142 | EA | 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 509.40 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0143 | EA | 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 535.81 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0144 | EA | 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 564.01 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0145 | EA | 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 793.73 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0146 | EA | 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 839.86 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0147 | EA | 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet | 887.40 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |

### 06 41 13 00-0148 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0114)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0149 | EA | 30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet | 306.70 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0150 | EA | 33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet | 327.63 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0151 | EA | 36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet | 361.47 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0152 | EA | 39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet | 386.80 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0114)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0154 | EA | 12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 260.44 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0155 | EA | 15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 266.21 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0156 | EA | 18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 279.07 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0157 | EA | 21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 286.86 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0158 | EA | 24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 294.67 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0159 | EA | 30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 308.54 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0160 | EA | 33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 330.52 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0161 | EA | 36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 361.47 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0162 | EA | 39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 386.80 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0114)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0164 | EA | 12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 270.58 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0165 | EA | 15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 284.44 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0166 | EA | 18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 295.28 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0167 | EA | 21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 307.12 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0168 | EA | 24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 323.04 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0169 | EA | 27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 342.13 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0170 | EA | 30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 358.19 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0171 | EA | 33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 372.06 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0172 | EA | 36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 379.70 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0173 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0114)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0174 | EA | 12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 292.47 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0175 | EA | 15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 319.54 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0176 | EA | 18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 341.36 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0177 | EA | 21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 367.64 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0178 | EA | 24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 393.96 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0179 | EA | 27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 433.30 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0180 | EA | 30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 444.30 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0181 | EA | 33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 484.65 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0182 | EA | 36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 499.67 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0183 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0114)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0184 | EA | 12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 330.97 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0185 | EA | 15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 359.06 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0186 | EA | 18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 383.91 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0187 | EA | 21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 412.22 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0188 | EA | 24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 486.16 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0189 | EA | 27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 488.01 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0190 | EA | 30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 506.11 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0191 | EA | 33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 554.57 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0192 | EA | 36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 568.56 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0193 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0114)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0194 | EA | 12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 370.49 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0195 | EA | 15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 405.67 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0196 | EA | 18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 432.55 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0197 | EA | 21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 459.84 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0198 | EA | 24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet | 502.37 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0199 | EA | 27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 536.65 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0200 | EA | 30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 564.87 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0201 | EA | 33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 619.41 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0202 | EA | 36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 638.48 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0203 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0114)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0204 | EA | 30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 350.95 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0205 | EA | 33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 377.83 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0206 | EA | 36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 406.12 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0207 | EA | 39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet | 440.21 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0208 | EA | 48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet | 521.99 | 68.72 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0209 Utility Cabinets, 84" High *(06 41 13 00-0114)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0210 | EA | 15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet | 668.35 | 38.17 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0211 | EA | 18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet | 757.82 | 45.81 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0212 | EA | 21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet | 853.37 | 358.83 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0213 | EA | 24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet | 896.23 | 61.08 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0214 | EA | 30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet | 1,089.05 | 76.34 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0215 | EA | 36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet | 1,259.56 | 91.62 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0216 | EA | 15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet | 759.54 | 38.17 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0217 | EA | 18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet | 840.90 | 45.81 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0218 | EA | 21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet | 961.79 | 53.44 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0219 | EA | 24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet | 1,021.87 | 61.08 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0220 | EA | 30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet | 1,273.45 | 76.34 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0221 | EA | 36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet | 1,459.17 | 91.62 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |

## 06 41 13 00-0222 Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets *(06 41 13 00-0005)*

## 06 41 13 00-0223 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0222)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0224 | EA | 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 343.17 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0225 | EA | 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 365.28 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0226 | EA | 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 382.20 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0227 | EA | 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 403.01 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0228 | EA | 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 459.82 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0229 | EA | 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 481.94 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0230 | EA | 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 521.17 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0231 | EA | 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 550.08 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0232 | EA | 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 567.22 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0233 | EA | 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet | 648.22 | 68.72 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0234 | EA | 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 721.79 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0235 | EA | 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 801.27 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0236 | EA | 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 758.27 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0237 | EA | 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 846.87 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0238 | EA | 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 349.25 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0239 | EA | 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 357.17 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0240 | EA | 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 390.30 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0241 | EA | 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 416.18 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0242 | EA | 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 434.48 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0243 | EA | 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 456.61 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0244 | EA | 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 756.24 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0245 | EA | 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 797.30 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0246 | EA | 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 838.76 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0247 | EA | 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 430.31 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0248 | EA | 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 440.26 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0249 | EA | 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 478.45 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0250 | EA | 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 509.40 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0251 | EA | 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 535.81 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0252 | EA | 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 564.01 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0253 | EA | 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 793.73 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0254 | EA | 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 839.86 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0255 | EA | 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 887.40 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |

### 06 41 13 00-0256 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0222)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0257 | EA | 30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 306.70 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0258 | EA | 33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 327.63 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0259 | EA | 36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 361.47 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0260 | EA | 39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 386.80 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0261 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0222)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0262 | EA | 12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 260.44 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0263 | EA | 15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 266.21 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0264 | EA | 18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 279.07 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0265 | EA | 21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 286.86 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0266 | EA | 24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 294.67 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0267 | EA | 30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 308.54 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0268 | EA | 33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 330.52 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0269 | EA | 36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 361.47 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0270 | EA | 39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 386.80 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0271 | | **Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0222)* | | |
| 06 41 13 00-0272 | EA | 12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 270.58 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0273 | EA | 15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 284.44 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0274 | EA | 18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 295.28 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0275 | EA | 21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 307.12 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0276 | EA | 24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 323.04 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0277 | EA | 27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 342.13 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0278 | EA | 30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 358.19 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0279 | EA | 33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 372.06 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0280 | EA | 36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 379.70 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0281 | | **Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0222)* | | |
| 06 41 13 00-0282 | EA | 12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 292.47 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0283 | EA | 15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 319.54 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0284 | EA | 18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 341.36 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0285 | EA | 21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 367.64 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0286 | EA | 24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 393.96 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0287 | EA | 27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 433.30 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0288 | EA | 30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 444.30 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0289 | EA | 33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 484.65 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0290 | EA | 36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 499.67 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0291 | | **Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0222)* | | |
| 06 41 13 00-0292 | EA | 12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 330.97 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0293 | EA | 15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 359.06 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0294 | EA | 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 383.91 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0295 | EA | 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 412.22 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0296 | EA | 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 486.16 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0297 | EA | 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 488.01 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0298 | EA | 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 506.11 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0299 | EA | 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 554.57 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0300 | EA | 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 568.56 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0301 | | **Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0222)* | | |
| 06 41 13 00-0302 | EA | 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 370.49 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0303 | EA | 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 405.67 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0304 | EA | 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 432.55 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0305 | EA | 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 459.84 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0306 | EA | 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet | 502.37 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0307 | EA | 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 536.65 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0308 | EA | 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 564.87 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0309 | EA | 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 619.41 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0310 | EA | 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 638.48 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0311 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0222)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0312 | EA | 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 350.95 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0313 | EA | 33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 377.83 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0314 | EA | 36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 406.12 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0315 | EA | 39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 440.21 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0316 | EA | 48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | 521.99 | 68.72 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

## 06 41 13 00-0317 Utility Cabinets, 84" High *(06 41 13 00-0222)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0318 | EA | 15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 668.35 | 38.17 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0319 | EA | 18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 757.82 | 45.81 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0320 | EA | 21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 853.37 | 358.83 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0321 | EA | 24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 896.23 | 61.08 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0322 | EA | 30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 1,089.05 | 76.34 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0323 | EA | 36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 1,259.56 | 91.62 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0324 | EA | 15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 759.54 | 38.17 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0325 | EA | 18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 840.90 | 45.81 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0326 | EA | 21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 961.79 | 53.44 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0327 | EA | 24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 1,021.87 | 61.08 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0328 | EA | 30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 1,273.45 | 76.34 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0329 | EA | 36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet | 1,459.17 | 91.62 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |

## 06 41 13 00-0330 Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets *(06 41 13 00-0005)*

## 06 41 13 00-0331 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0330)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0332 | EA | 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 343.17 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0333 | EA | 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 365.28 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0334 | EA | 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 382.20 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0335 | EA | 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 403.01 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0336 | EA | 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 459.82 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0337 | EA | 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 481.94 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0338 | EA | 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 521.17 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0339 | EA | 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 550.08 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0340 | EA | 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 567.22 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *119.56* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0341 | EA | 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet | 648.22 | 68.72 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0342 | EA | 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 721.79 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0343 | EA | 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 801.27 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *239.12* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0344 | EA | 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 758.27 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0345 | EA | 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 846.87 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0346 | EA | 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 349.25 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0347 | EA | 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 357.17 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0348 | EA | 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 390.30 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0349 | EA | 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 416.18 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0350 | EA | 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 434.48 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0351 | EA | 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 456.61 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0352 | EA | 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 756.24 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0353 | EA | 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 797.30 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0354 | EA | 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 838.76 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *358.68* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0355 | EA | 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 430.31 | 17.17 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0356 | EA | 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 440.26 | 21.47 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0357 | EA | 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 478.45 | 25.77 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0358 | EA | 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 509.40 | 30.06 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0359 | EA | 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 535.81 | 34.36 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0360 | EA | 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 564.01 | 38.65 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0361 | EA | 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 793.73 | 42.94 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0362 | EA | 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 839.86 | 47.24 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |
| 06 41 13 00-0363 | EA | 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet | 887.40 | 51.53 |
| | | *For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add* | *478.24* | |
| | | *For All Plywood Box Construction, Add* | *124.63* | |

### 06 41 13 00-0364 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0330)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0365 | EA | 30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 306.70 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0366 | EA | 33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 327.63 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0367 | EA | 36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 361.47 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0368 | EA | 39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 386.80 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0369 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0330)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0370 | EA | 12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 260.44 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0371 | EA | 15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 266.21 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0372 | EA | 18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 279.07 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0373 | EA | 21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 286.86 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0374 | EA | 24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 294.67 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0375 | EA | 30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 308.54 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0376 | EA | 33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 330.52 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0377 | EA | 36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 361.47 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0378 | EA | 39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 386.80 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0379 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0330)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0380 | EA | 12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 270.58 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0381 | EA | 15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 284.44 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0382 | EA | 18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 295.28 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0383 | EA | 21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 307.12 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0384 | EA | 24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 323.04 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0385 | EA | 27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 342.13 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0386 | EA | 30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 358.19 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0387 | EA | 33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 372.06 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0388 | EA | 36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 379.70 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0389 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0330)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0390 | EA | 12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 292.47 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0391 | EA | 15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 319.54 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0392 | EA | 18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 341.36 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0393 | EA | 21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 367.64 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0394 | EA | 24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 393.96 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0395 | EA | 27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 433.30 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0396 | EA | 30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 444.30 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0397 | EA | 33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 484.65 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0398 | EA | 36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 499.67 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0399 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0330)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0400 | EA | 12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 330.97 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0401 | EA | 15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 359.06 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0402 | EA | 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 383.91 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0403 | EA | 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 412.22 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0404 | EA | 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 486.16 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0405 | EA | 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 488.01 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0406 | EA | 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 506.11 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0407 | EA | 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 554.57 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0408 | EA | 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 568.56 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

### 06 41 13 00-0409 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0330)*

| | | | | |
|---|---|---|---|---|
| 06 41 13 00-0410 | EA | 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 370.49 | 17.17 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0411 | EA | 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 405.67 | 21.47 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0412 | EA | 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 432.55 | 25.77 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0413 | EA | 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 459.84 | 30.06 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0414 | EA | 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet | 502.37 | 34.36 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0415 | EA | 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 536.65 | 38.67 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0416 | EA | 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 564.87 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0417 | EA | 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 619.41 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0418 | EA | 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 638.48 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 41 13 00-0419 | | Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0330)* | | |
| 06 41 13 00-0420 | EA | 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 350.95 | 42.94 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0421 | EA | 33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 377.83 | 47.24 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0422 | EA | 36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 406.12 | 51.53 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0423 | EA | 39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 440.21 | 55.83 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0424 | EA | 48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet | 521.99 | 68.72 |
| | | *For All Plywood Box Construction, Add* | *66.87* | |
| 06 41 13 00-0425 | | Utility Cabinets, 84" High *(06 41 13 00-0330)* | | |
| 06 41 13 00-0426 | EA | 15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 668.35 | 38.17 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0427 | EA | 18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 757.82 | 45.81 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0428 | EA | 21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 853.37 | 358.83 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0429 | EA | 24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 896.23 | 61.08 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0430 | EA | 30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 1,089.05 | 76.34 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0431 | EA | 36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 1,259.56 | 91.62 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0432 | EA | 15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 759.54 | 38.17 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0433 | EA | 18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 840.90 | 45.81 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0434 | EA | 21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 961.79 | 53.44 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0435 | EA | 24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 1,021.87 | 61.08 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0436 | EA | 30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 1,273.45 | 76.34 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| 06 41 13 00-0437 | EA | 36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet | 1,459.17 | 91.62 |
| | | *For All Plywood Box Construction, Add* | *247.23* | |
| **06 41 93** | | **Cabinet and Drawer Hardware** *(06 41)* | | |
| 06 41 93 00-0001 | | Cabinet Hardware *(06 41 93)* | | |
| | | Note: Includes all finishes, and mounting screws. | | |
| 06 41 93 00-0002 | EA | 4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull | 21.51 | 7.31 |
| 06 41 93 00-0003 | EA | 7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull | 22.32 | 7.31 |
| 06 41 93 00-0004 | EA | 10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull | 23.73 | 7.31 |
| 06 41 93 00-0005 | EA | 3" To 4-1/2", Flat Cabinet Pull Handle | 25.30 | 7.31 |
| 06 41 93 00-0006 | EA | 5" To 6-1/2", Flat Cabinet Pull Handle | 26.11 | 7.31 |
| 06 41 93 00-0007 | EA | 7" To 8-1/2", Flat Cabinet Pull Handle | 34.78 | 7.31 |
| 06 41 93 00-0008 | EA | 12" To 12-1/2", Flat Cabinet Pull Handle | 70.71 | 7.31 |
| 06 41 93 00-0009 | EA | 1-7/16" Diameter, Mushroom Cabinet Pull Knobs | 16.88 | 5.58 |
| 06 41 93 00-0010 | EA | 3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull | 16.74 | 5.58 |
| 06 41 93 00-0011 | EA | 1-1/4" Long, Finger Cabinet Pull | 22.88 | 6.44 |
| 06 41 93 00-0012 | EA | 3" Long, Finger Cabinet Pull | 26.66 | 6.44 |
| 06 41 93 00-0013 | EA | 4" Long, Finger Cabinet Pull | 29.23 | 6.44 |
| 06 41 93 00-0014 | EA | 6" Long, Finger Cabinet Pull | 32.77 | 6.44 |
| 06 41 93 00-0015 | EA | 12" Long, Finger Cabinet Pull | 49.16 | 6.44 |
| 06 41 93 00-0016 | EA | Cabinet Spring Loaded Adjustable Barrel Ball Catch | 33.92 | 8.59 |
| 06 41 93 00-0017 | EA | Cabinet Surface Mounted Square or Matchbook Latch | 50.16 | 8.59 |
| 06 41 93 00-0018 | EA | Cabinet Door or Drawer Mortised Lock With 2 Keys | 122.02 | 12.89 |
| 06 41 93 00-0019 | EA | Cabinet Door or Drawer Bored Lock with 2 Keys | 44.43 | 7.31 |
| 06 41 93 00-0020 | EA | Cabinet Surface Mounted Slide or Barrel Bolt Latch | 29.72 | 7.31 |

## 06 42 Wood Paneling *(06 40)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

Note: Includes glue for installation.

## 06 42 13 Wood Board Paneling *(06 42)*

### 06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

### 06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 42 13 00-0003 | SF | Homestead Cedar Paneling Tongue And Groove, 7/16" | 9.59 | 1.81 |
| 06 42 13 00-0004 | SF | Homestead Juniper Paneling Tongue And Groove, 7/16" | 10.17 | 1.81 |

### 06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 42 13 00-0006 | SF | 8" Random Plank Tongue And Groove, 7/16" | 11.45 | 1.71 |
| 06 42 13 00-0007 | SF | 8" Solid Plank Tongue And Groove, 7/16" | 10.56 | 1.71 |

### 06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 42 13 00-0009 | SF | Alder Wood Tongue And Groove Paneling, 1/2" | 11.32 | 1.81 |

### 06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 42 13 00-0011 | SF | 1" Teredo (Driftwood) Wood Shiplap | 6.99 | 1.54 |

## 06 42 16 Flush Wood Paneling *(06 42)*

### 06 42 16 00-0001 Veneer Hardboard Panels *(06 42 16)*

| | | | | |
|---|---|---|---|---|
| 06 42 16 00-0002 | SF | 1/4" Maple Veneer Paneling | 5.26 | 1.57 |
| | | *For Waterproof Glue, Add* | *0.12* | |
| | | *For Ceiling Installation, Add* | *1.07* | |

### 06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*

### 06 42 16 00-0004 Birch *(06 42 16 00-0003)*

| | | | | |
|---|---|---|---|---|
| 06 42 16 00-0005 | SF | 1/4" Unfinished Birch Plywood, Natural Faced With Trim | 6.33 | 1.40 |
| | | *For Waterproof Glue, Add* | *0.22* | |
| | | *For Ceiling Installation, Add* | *0.95* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.35* | |
| | | *For Glue Laminated Installation, Add* | *0.32* | |
| | | *For Lumber Core, Add* | *0.35* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.75* | |
| | | *For 1/2" Thick Paneling, Add* | *2.10* | |
| | | *For 5/8" Thick Paneling, Add* | *2.76* | |
| | | *For 3/4" Thick Paneling, Add* | *3.62* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *2.51* | |
| 06 42 16 00-0006 | SF | 1/4" Unfinished Birch Plywood, Select With Trim | 6.56 | 1.40 |
| | | *For Waterproof Glue, Add* | *0.24* | |
| | | *For Ceiling Installation, Add* | *0.95* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.35* | |
| | | *For Glue Laminated Installation, Add* | *0.33* | |
| | | *For Lumber Core, Add* | *0.38* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.79* | |
| | | *For 1/2" Thick Paneling, Add* | *2.22* | |
| | | *For 5/8" Thick Paneling, Add* | *2.94* | |
| | | *For 3/4" Thick Paneling, Add* | *3.86* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *2.69* | |

### 06 42 16 00-0007 Knotty Pine *(06 42 16 00-0003)*

| | | | | |
|---|---|---|---|---|
| 06 42 16 00-0008 | SF | 1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim | 7.68 | 1.57 |
| | | *For Waterproof Glue, Add* | *0.29* | |
| | | *For Ceiling Installation, Add* | *1.05* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.38* | |
| | | *For Glue Laminated Installation, Add* | *0.38* | |
| | | *For Lumber Core, Add* | *0.46* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.94* | |
| | | *For 1/2" Thick Paneling, Add* | *2.68* | |
| | | *For 5/8" Thick Paneling, Add* | *3.56* | |
| | | *For 3/4" Thick Paneling, Add* | *4.69* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *3.31* | |
| 06 42 16 00-0009 | SF | 1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim | 7.50 | 1.57 |
| | | *For Waterproof Glue, Add* | *0.28* | |
| | | *For Ceiling Installation, Add* | *1.05* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.38* | |
| | | *For Glue Laminated Installation, Add* | *0.38* | |
| | | *For Lumber Core, Add* | *0.44* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.91* | |
| | | *For 1/2" Thick Paneling, Add* | *2.58* | |
| | | *For 5/8" Thick Paneling, Add* | *3.43* | |
| | | *For 3/4" Thick Paneling, Add* | *4.51* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *3.17* | |

### 06 42 16 00-0010 Cedar (Aromatic - Closet Lining) *(06 42 16 00-0003)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 42 16 00-0011 | SF | 1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining | 6.61 | 1.75 |
| | | *For Waterproof Glue, Add* | *0.19* | |
| | | *For Ceiling Installation, Add* | *1.18* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.43* | |
| | | *For Glue Laminated Installation, Add* | *0.33* | |
| | | *For Lumber Core, Add* | *0.29* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.72* | |
| | | *For 1/2" Thick Paneling, Add* | *1.92* | |
| | | *For 5/8" Thick Paneling, Add* | *2.48* | |
| | | *For 3/4" Thick Paneling, Add* | *3.21* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *2.12* | |
| 06 42 16 00-0012 | SF | 1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining | 4.86 | 1.75 |
| | | *For Waterproof Glue, Add* | *0.07* | |
| | | *For Ceiling Installation, Add* | *1.18* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.43* | |
| | | *For Glue Laminated Installation, Add* | *0.24* | |
| | | *For Lumber Core, Add* | *0.10* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.43* | |
| | | *For 1/2" Thick Paneling, Add* | *0.97* | |
| | | *For 5/8" Thick Paneling, Add* | *1.17* | |
| | | *For 3/4" Thick Paneling, Add* | *1.42* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *0.73* | |

## 06 42 16 00-0013 Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*

| | | | | |
|---|---|---|---|---|
| 06 42 16 00-0014 | SF | 1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim | 7.04 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *1.78* | |
| | | *For Second Grade Veneer, Deduct* | *-0.36* | |
| | | *For Third Grade Veneer, Deduct* | *-0.53* | |
| | | *For Waterproof Glue, Add* | *0.25* | |
| | | *For Ceiling Installation, Add* | *1.05* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.38* | |
| | | *For Glue Laminated Installation, Add* | *0.35* | |
| | | *For Lumber Core, Add* | *0.39* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.84* | |
| | | *For 1/2" Thick Paneling, Add* | *2.34* | |
| | | *For 5/8" Thick Paneling, Add* | *3.08* | |
| | | *For 3/4" Thick Paneling, Add* | *4.04* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *2.80* | |
| 06 42 16 00-0015 | SF | 1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim | 8.63 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *2.57* | |
| | | *For Second Grade Veneer, Deduct* | *-0.51* | |
| | | *For Third Grade Veneer, Deduct* | *-0.77* | |
| | | *For Waterproof Glue, Add* | *0.36* | |
| | | *For Ceiling Installation, Add* | *1.05* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.38* | |
| | | *For Glue Laminated Installation, Add* | *0.43* | |
| | | *For Lumber Core, Add* | *0.57* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-1.10* | |
| | | *For 1/2" Thick Paneling, Add* | *3.19* | |
| | | *For 5/8" Thick Paneling, Add* | *4.27* | |
| | | *For 3/4" Thick Paneling, Add* | *5.66* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *4.06* | |
| 06 42 16 00-0016 | SF | 1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim | 15.21 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *5.52* | |
| | | *For Second Grade Veneer, Deduct* | *-1.10* | |
| | | *For Third Grade Veneer, Deduct* | *-1.66* | |
| | | *For Waterproof Glue, Add* | *0.77* | |
| | | *For Ceiling Installation, Add* | *1.25* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.46* | |
| | | *For Glue Laminated Installation, Add* | *0.76* | |
| | | *For Lumber Core, Add* | *1.21* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-2.14* | |
| | | *For 1/2" Thick Paneling, Add* | *6.46* | |
| | | *For 5/8" Thick Paneling, Add* | *8.78* | |
| | | *For 3/4" Thick Paneling, Add* | *11.76* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *8.72* | |
| 06 42 16 00-0017 | SF | 1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim | 5.49 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *1.18* | |
| | | *For Second Grade Veneer, Deduct* | *-0.24* | |
| | | *For Third Grade Veneer, Deduct* | *-0.35* | |
| | | *For Waterproof Glue, Add* | *0.16* | |
| | | *For Ceiling Installation, Add* | *0.94* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.35* | |
| | | *For Glue Laminated Installation, Add* | *0.27* | |
| | | *For Lumber Core, Add* | *0.26* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.61* | |
| | | *For 1/2" Thick Paneling, Add* | *1.65* | |
| | | *For 5/8" Thick Paneling, Add* | *2.14* | |
| | | *For 3/4" Thick Paneling, Add* | *2.77* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *1.86* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 42 16 00-0018 | SF | 1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim | 12.81 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *4.44* | |
| | | *For Second Grade Veneer, Deduct* | *-0.89* | |
| | | *For Third Grade Veneer, Deduct* | *-1.33* | |
| | | *For Waterproof Glue, Add* | *0.62* | |
| | | *For Ceiling Installation, Add* | *1.18* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.43* | |
| | | *For Glue Laminated Installation, Add* | *0.64* | |
| | | *For Lumber Core, Add* | *0.98* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-1.76* | |
| | | *For 1/2" Thick Paneling, Add* | *5.27* | |
| | | *For 5/8" Thick Paneling, Add* | *7.13* | |
| | | *For 3/4" Thick Paneling, Add* | *9.53* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *7.02* | |
| 06 42 16 00-0019 | SF | 1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim | 7.42 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *1.97* | |
| | | *For Second Grade Veneer, Deduct* | *-0.39* | |
| | | *For Third Grade Veneer, Deduct* | *-0.59* | |
| | | *For Waterproof Glue, Add* | *0.28* | |
| | | *For Ceiling Installation, Add* | *1.05* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.38* | |
| | | *For Glue Laminated Installation, Add* | *0.37* | |
| | | *For Lumber Core, Add* | *0.43* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.90* | |
| | | *For 1/2" Thick Paneling, Add* | *2.54* | |
| | | *For 5/8" Thick Paneling, Add* | *3.37* | |
| | | *For 3/4" Thick Paneling, Add* | *4.43* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *3.10* | |
| 06 42 16 00-0020 | SF | 1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim | 9.13 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *2.60* | |
| | | *For Second Grade Veneer, Deduct* | *-0.52* | |
| | | *For Third Grade Veneer, Deduct* | *-0.78* | |
| | | *For Waterproof Glue, Add* | *0.36* | |
| | | *For Ceiling Installation, Add* | *1.18* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.43* | |
| | | *For Glue Laminated Installation, Add* | *0.46* | |
| | | *For Lumber Core, Add* | *0.57* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-1.14* | |
| | | *For 1/2" Thick Paneling, Add* | *3.28* | |
| | | *For 5/8" Thick Paneling, Add* | *4.37* | |
| | | *For 3/4" Thick Paneling, Add* | *5.78* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *4.11* | |
| 06 42 16 00-0021 | SF | 1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim | 17.49 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *6.29* | |
| | | *For Second Grade Veneer, Deduct* | *-1.26* | |
| | | *For Third Grade Veneer, Deduct* | *-1.89* | |
| | | *For Waterproof Glue, Add* | *0.88* | |
| | | *For Ceiling Installation, Add* | *1.47* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.54* | |
| | | *For Glue Laminated Installation, Add* | *0.87* | |
| | | *For Lumber Core, Add* | *1.38* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-2.44* | |
| | | *For 1/2" Thick Paneling, Add* | *7.38* | |
| | | *For 5/8" Thick Paneling, Add* | *10.02* | |
| | | *For 3/4" Thick Paneling, Add* | *13.42* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *9.94* | |
| 06 42 16 00-0022 | SF | 1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim | 12.79 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *4.43* | |
| | | *For Second Grade Veneer, Deduct* | *-0.89* | |
| | | *For Third Grade Veneer, Deduct* | *-1.33* | |
| | | *For Waterproof Glue, Add* | *0.62* | |
| | | *For Ceiling Installation, Add* | *1.18* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.43* | |
| | | *For Glue Laminated Installation, Add* | *0.64* | |
| | | *For Lumber Core, Add* | *0.97* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-1.75* | |
| | | *For 1/2" Thick Paneling, Add* | *5.26* | |
| | | *For 5/8" Thick Paneling, Add* | *7.12* | |
| | | *For 3/4" Thick Paneling, Add* | *9.51* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *7.00* | |
| 06 42 16 00-0023 | SF | 1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim | 11.04 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *3.78* | |
| | | *For Second Grade Veneer, Deduct* | *-0.76* | |
| | | *For Third Grade Veneer, Deduct* | *-1.13* | |
| | | *For Waterproof Glue, Add* | *0.53* | |
| | | *For Ceiling Installation, Add* | *1.05* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.38* | |
| | | *For Glue Laminated Installation, Add* | *0.55* | |
| | | *For Lumber Core, Add* | *0.83* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-1.51* | |
| | | *For 1/2" Thick Paneling, Add* | *4.50* | |
| | | *For 5/8" Thick Paneling, Add* | *6.08* | |
| | | *For 3/4" Thick Paneling, Add* | *8.12* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *5.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 42 16 00-0024 | SF | 1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim | 7.50 | 1.57 |
| | | *For Flitch Matched Veneer, Add* | *2.01* | |
| | | *For Second Grade Veneer, Deduct* | *-0.40* | |
| | | *For Third Grade Veneer, Deduct* | *-0.60* | |
| | | *For Waterproof Glue, Add* | *0.28* | |
| | | *For Ceiling Installation, Add* | *1.05* | |
| | | *For Installation On Metal Studs Or Furring, Add* | *0.38* | |
| | | *For Glue Laminated Installation, Add* | *0.38* | |
| | | *For Lumber Core, Add* | *0.44* | |
| | | *For 1/8" Thick Paneling, Deduct* | *-0.91* | |
| | | *For 1/2" Thick Paneling, Add* | *2.58* | |
| | | *For 5/8" Thick Paneling, Add* | *3.43* | |
| | | *For 3/4" Thick Paneling, Add* | *4.51* | |
| | | *For Fire Retardant Treatment (Class I), Add* | *3.17* | |
| 06 42 16 00-0025 | | Accessories *(06 42 16)* | | |
| 06 42 16 00-0026 | EA | Aluminum Panel Retainer "J" With Bolt | 26.37 | |

### 06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

| | | | | |
|---|---|---|---|---|
| 06 42 19 00-0001 | | Plastic Laminate *(06 42 19)*<br>Note: Standard colors and patterns. | | |
| 06 42 19 00-0002 | SF | 1/16" Plastic Laminate Faced Panel<br>Note: Includes cutting to fit. | 9.06 | 3.01 |

## 06 43 Wood Stairs and Railings *(06 40)*

### 06 43 13 Wood Stairs *(06 43)*

| | | | | |
|---|---|---|---|---|
| 06 43 13 00-0001 | | Stair Parts *(06 43 13)* | | |
| 06 43 13 00-0002 | EA | 30" Baluster, Pine | 47.02 | 17.43 |
| 06 43 13 00-0003 | EA | 30" Baluster, Birch | 56.50 | 17.43 |
| 06 43 13 00-0004 | EA | 42" Baluster, Pine | 53.57 | 18.03 |
| 06 43 13 00-0005 | EA | 42" Baluster, Birch | 63.67 | 18.03 |
| 06 43 13 00-0006 | EA | 3-1/4" Wide Newels, Starting | 287.45 | 68.51 |
| 06 43 13 00-0007 | EA | 3-1/4" Wide Newels, Landing | 421.72 | 96.14 |
| 06 43 13 00-0008 | LF | Oak Gooseneck, 1 Riser | 167.62 | 60.09 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *19.73* | |
| 06 43 13 00-0009 | LF | Oak Gooseneck, 2 Riser | 197.48 | 66.02 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *21.69* | |
| 06 43 13 00-0010 | LF | Oak Handrail, 2-1/2" x 3" With Quarter Turn | 34.91 | 9.02 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *2.96* | |
| 06 43 13 00-0011 | LF | 1-1/16" x 9-1/2" Oak Stair Tread | 46.73 | 5.06 |
| | | *For Beech, Add* | *11.00* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *2.32* | |
| 06 43 13 00-0012 | LF | 1-1/16" x 11-1/2" Oak Stair Tread | 57.15 | 5.06 |
| | | *For Beech, Add* | *14.12* | |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *2.32* | |
| 06 43 13 00-0013 | LF | 1-1/16" x 11-1/2" Pine Stair Tread | 24.85 | 5.06 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *2.32* | |
| 06 43 13 00-0014 | LF | 3/4" x 7-1/2" High Beech Riser | 34.53 | 5.23 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *2.42* | |
| 06 43 13 00-0015 | LF | 3/4" x 7-1/2" High Oak Riser | 32.31 | 5.23 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *2.42* | |
| 06 43 13 00-0016 | LF | 3/4" x 7-1/2" High Fir Riser | 18.09 | 5.23 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *2.42* | |
| 06 43 13 00-0017 | LF | 3/4" x 7-1/2" High Pine Riser | 17.40 | 5.23 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *2.42* | |
| 06 43 13 00-0018 | SF | Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing | 37.12 | |
| 06 43 13 00-0019 | | Interior Box Stairs *(06 43 13)*<br>Note: Factory cut and assembled straight closed box stairs, unfinished. | | |
| 06 43 13 00-0020 | EA | 30" Wide Pine Box Stair, Per Riser | 254.19 | 52.28 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *17.17* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *66.40* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *21.33* | |
| | | *For Oak Or Maple Treads, Add* | *80.78* | |
| 06 43 13 00-0021 | EA | 32" Wide Pine Box Stair, Per Riser | 270.03 | 53.48 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *17.57* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *66.91* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *21.55* | |
| | | *For Oak Or Maple Treads, Add* | *87.15* | |
| 06 43 13 00-0022 | EA | 34" Wide Pine Box Stair, Per Riser | 285.05 | 54.09 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *17.77* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *67.18* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *21.66* | |
| | | *For Oak Or Maple Treads, Add* | *93.51* | |
| 06 43 13 00-0023 | EA | 36" Wide Pine Box Stair, Per Riser | 302.48 | 54.68 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *17.96* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *67.43* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *21.76* | |
| | | *For Oak Or Maple Treads, Add* | *100.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 43 13 00-0024 | EA | 38" Wide Pine Box Stair, Per Riser | 312.70 | 55.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *18.16* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *67.69* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *21.87* | |
| | | *For Oak Or Maple Treads, Add* | *105.19* | |
| 06 43 13 00-0025 | EA | 40" Wide Pine Box Stair, Per Riser | 323.80 | 56.49 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *18.56* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *68.20* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *22.09* | |
| | | *For Oak Or Maple Treads, Add* | *109.40* | |
| 06 43 13 00-0026 | EA | 42" Wide Pine Box Stair, Per Riser | 334.03 | 57.09 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *18.75* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *68.46* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *22.19* | |
| | | *For Oak Or Maple Treads, Add* | *113.62* | |
| 06 43 13 00-0027 | EA | 44" Wide Pine Box Stair, Per Riser | 344.27 | 57.69 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *18.95* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *68.72* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *22.30* | |
| | | *For Oak Or Maple Treads, Add* | *117.84* | |
| 06 43 13 00-0028 | EA | 46" Wide Pine Box Stair, Per Riser | 354.49 | 58.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *19.15* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *68.98* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *22.41* | |
| | | *For Oak Or Maple Treads, Add* | *122.06* | |
| 06 43 13 00-0029 | EA | 48" Wide Pine Box Stair, Per Riser | 366.34 | 60.09 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *19.74* | |
| | | *For Prefinished Stair Rail With Balusters And Newel, Add* | *69.75* | |
| | | *For Each LF Of Prefinished Handrail, Brackets And Baluster, Add* | *22.73* | |
| | | *For Oak Or Maple Treads, Add* | *126.23* | |

### 06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Wood Handrail With Brackets *(06 43 16 00-0001)*

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

| | | | | |
|---|---|---|---|---|
| 06 43 16 00-0003 | LF | 1-1/2" x 1-11/16", Wood Handrail With Brackets | 15.20 | 4.30 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.97* | |
| 06 43 16 00-0004 | LF | 1-7/8" x 2-5/8", Wood Handrail With Brackets | 16.53 | 4.30 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.97* | |
| 06 43 16 00-0005 | LF | 1-1/2" Diameter, Wood Handrail With Brackets | 20.99 | 4.30 |
| 06 43 16 00-0006 | LF | 1-3/4" Diameter, Wood Handrail With Brackets | 22.10 | 4.30 |
| 06 43 16 00-0007 | LF | 2" Diameter, Wood Handrail With Brackets | 26.10 | 4.30 |
| 06 43 16 00-0008 | LF | 2-1/2" Diameter, Wood Handrail With Brackets | 38.47 | 4.30 |

## 06 44 Ornamental Woodwork *(06 40)*

### 06 44 39 Wood Posts and Columns *(06 44)*

06 44 39 00-0001 Columns *(06 44 39)*

06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

| | | | | |
|---|---|---|---|---|
| 06 44 39 00-0003 | LF | 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 66.62 | 6.09 |
| 06 44 39 00-0004 | LF | 8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 83.20 | 8.90 |
| 06 44 39 00-0005 | LF | 10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 102.19 | 10.31 |
| 06 44 39 00-0006 | LF | 12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 122.57 | 10.77 |
| 06 44 39 00-0007 | LF | 14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 275.43 | 12.18 |
| 06 44 39 00-0008 | LF | 16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 320.12 | 13.12 |
| 06 44 39 00-0009 | LF | 18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 385.62 | 14.06 |
| 06 44 39 00-0010 | LF | 20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 460.67 | 15.00 |
| 06 44 39 00-0011 | LF | 6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base | 76.85 | 6.09 |
| 06 44 39 00-0012 | LF | 8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base | 91.40 | 8.90 |
| 06 44 39 00-0013 | LF | 10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base | 113.51 | 10.31 |
| 06 44 39 00-0014 | LF | 12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base | 134.67 | 10.77 |
| 06 44 39 00-0015 | LF | 14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base | 300.02 | 12.18 |
| 06 44 39 00-0016 | LF | 16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base | 408.33 | 13.12 |
| 06 44 39 00-0017 | LF | 18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base | 440.26 | 14.06 |
| 06 44 39 00-0018 | LF | 20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base | 495.80 | 15.00 |

06 44 39 00-0019 Pine Colonial Columns, Round Non Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

| | | | | |
|---|---|---|---|---|
| 06 44 39 00-0020 | LF | 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base | 80.36 | 6.09 |
| 06 44 39 00-0021 | LF | 8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 98.81 | 8.90 |
| 06 44 39 00-0022 | LF | 10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 122.49 | 10.31 |
| 06 44 39 00-0023 | LF | 12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 147.94 | 10.77 |
| 06 44 39 00-0024 | LF | 14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 339.09 | 12.18 |
| 06 44 39 00-0025 | LF | 16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 394.67 | 13.12 |
| 06 44 39 00-0026 | LF | 18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 476.29 | 14.06 |
| 06 44 39 00-0027 | LF | 20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 569.88 | 15.00 |
| 06 44 39 00-0028 | LF | 6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 93.16 | 6.09 |
| 06 44 39 00-0029 | LF | 8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 110.01 | 8.90 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 44 39 00-0030 | LF | 10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 137.16 | 10.31 |
| 06 44 39 00-0031 | LF | 12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 163.47 | 10.77 |
| 06 44 39 00-0032 | LF | 14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 369.88 | 12.18 |
| 06 44 39 00-0033 | LF | 16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 505.24 | 13.12 |
| 06 44 39 00-0034 | LF | 18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 544.79 | 14.06 |
| 06 44 39 00-0035 | LF | 20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base | 613.94 | 15.00 |
| 06 44 39 00-0036 | | **Pine Classical Columns, Round Tapered With Cap And Base** *(06 44 39 00-0001)* | | |
| | | Note: Paint grade/finger jointed pine. | | |
| 06 44 39 00-0037 | LF | 6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base | 71.48 | 6.09 |
| 06 44 39 00-0038 | LF | 8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base | 89.05 | 8.90 |
| 06 44 39 00-0039 | LF | 10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base | 109.54 | 10.31 |
| 06 44 39 00-0040 | LF | 12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base | 131.67 | 10.77 |
| 06 44 39 00-0041 | LF | 6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base | 82.63 | 6.09 |
| 06 44 39 00-0042 | LF | 8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base | 97.98 | 8.90 |
| 06 44 39 00-0043 | LF | 10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base | 121.88 | 10.31 |
| 06 44 39 00-0044 | LF | 12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base | 144.85 | 10.77 |
| 06 44 39 00-0045 | | **Redwood Colonial Columns, Round Tapered With Cap And Base** *(06 44 39 00-0001)* | | |
| | | Note: Paint grade/finger jointed redwood. | | |
| 06 44 39 00-0046 | LF | 6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base | 112.37 | 6.09 |
| 06 44 39 00-0047 | LF | 8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base | 134.72 | 8.90 |
| 06 44 39 00-0048 | LF | 10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base | 168.15 | 10.31 |
| 06 44 39 00-0049 | LF | 12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base | 206.09 | 10.77 |
| 06 44 39 00-0050 | LF | 6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base | 129.54 | 6.09 |
| 06 44 39 00-0051 | LF | 8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base | 153.06 | 8.90 |
| 06 44 39 00-0052 | LF | 10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base | 189.62 | 10.31 |
| 06 44 39 00-0053 | LF | 12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base | 234.19 | 10.77 |
| 06 44 39 00-0054 | | **Ornamental Or Decorative Cap And Bases, Resin** *(06 44 39 00-0001)* | | |
| | | Note: For tapered wood columns. | | |
| 06 44 39 00-0055 | EA | 6" Resin Corinthian Capital And Base | 353.15 | 12.65 |
| 06 44 39 00-0056 | EA | 8" Resin Corinthian Capital And Base | 535.50 | 14.06 |
| 06 44 39 00-0057 | EA | 10" Resin Corinthian Capital And Base | 747.03 | 16.40 |
| 06 44 39 00-0058 | EA | 12" Resin Corinthian Capital And Base | 954.68 | 18.75 |
| 06 44 39 00-0059 | EA | 6" Resin Greek Erectheum Cap And Base | 314.12 | 12.65 |
| 06 44 39 00-0060 | EA | 8" Resin Greek Erectheum Cap And Base | 437.92 | 14.06 |
| 06 44 39 00-0061 | EA | 10" Resin Greek Erectheum Cap And Base | 544.09 | 16.40 |
| 06 44 39 00-0062 | EA | 12" Resin Greek Erectheum Cap And Base | 712.69 | 18.75 |
| 06 44 39 00-0063 | EA | 6" Resin Roman Ionic Capital And Base | 330.66 | 13.12 |
| 06 44 39 00-0064 | EA | 8" Resin Roman Ionic Capital And Base | 437.92 | 14.06 |
| 06 44 39 00-0065 | EA | 10" Resin Roman Ionic Capital And Base | 544.09 | 16.40 |
| 06 44 39 00-0066 | EA | 12" Resin Roman Ionic Capital And Base | 693.18 | 18.75 |
| 06 44 39 00-0067 | EA | 6" Resin Scamozzi Capital And Base | 334.57 | 13.12 |
| 06 44 39 00-0068 | EA | 8" Resin Scamozzi Capital And Base | 476.95 | 14.06 |
| 06 44 39 00-0069 | EA | 10" Resin Scamozzi Capital And Base | 563.59 | 16.40 |
| 06 44 39 00-0070 | EA | 12" Resin Scamozzi Capital And Base | 775.14 | 18.75 |
| 06 44 39 00-0071 | EA | 6" Resin Temple Of Winds Cap And Base | 334.57 | 13.12 |
| 06 44 39 00-0072 | EA | 8" Resin Temple Of Winds Cap And Base | 519.89 | 14.06 |
| 06 44 39 00-0073 | EA | 10" Resin Temple Of Winds Cap And Base | 688.50 | 16.40 |
| 06 44 39 00-0074 | EA | 12" Resin Temple Of Winds Cap And Base | 853.20 | 18.75 |
| 06 44 39 00-0075 | | **Ornamental Or Decorative Cap And Bases, Plaster** *(06 44 39 00-0001)* | | |
| | | Note: For tapered wood columns. | | |
| 06 44 39 00-0076 | EA | 6" Plaster Corinthian Capital And Base | 716.13 | 12.65 |
| 06 44 39 00-0077 | EA | 8" Plaster Corinthian Capital And Base | 804.80 | 14.06 |
| 06 44 39 00-0078 | EA | 10" Plaster Corinthian Capital And Base | 1,024.15 | 16.40 |
| 06 44 39 00-0079 | EA | 12" Plaster Corinthian Capital And Base | 1,126.41 | 18.75 |
| 06 44 39 00-0080 | EA | 6" Plaster Greek Erectheum Cap And Base | 474.14 | 12.65 |
| 06 44 39 00-0081 | EA | 8" Plaster Greek Erectheum Cap And Base | 551.11 | 14.06 |
| 06 44 39 00-0082 | EA | 10" Plaster Greek Erectheum Cap And Base | 680.69 | 16.40 |
| 06 44 39 00-0083 | EA | 12" Plaster Greek Erectheum Cap And Base | 857.10 | 18.75 |
| 06 44 39 00-0084 | EA | 6" Plaster Roman Ionic Capital And Base | 455.56 | 13.12 |
| 06 44 39 00-0085 | EA | 8" Plaster Roman Ionic Capital And Base | 597.94 | 14.06 |
| 06 44 39 00-0086 | EA | 10" Plaster Roman Ionic Capital And Base | 723.63 | 16.40 |
| 06 44 39 00-0087 | EA | 12" Plaster Roman Ionic Capital And Base | 857.10 | 18.75 |
| 06 44 39 00-0088 | EA | 6" Plaster Scamozzi Capital And Base | 541.42 | 13.12 |
| 06 44 39 00-0089 | EA | 8" Plaster Scamozzi Capital And Base | 718.94 | 14.06 |
| 06 44 39 00-0090 | EA | 10" Plaster Scamozzi Capital And Base | 809.48 | 16.40 |
| 06 44 39 00-0091 | EA | 12" Plaster Scamozzi Capital And Base | 1,028.84 | 18.75 |
| 06 44 39 00-0092 | EA | 6" Plaster Temple Of Winds Cap And Base | 455.56 | 13.12 |
| 06 44 39 00-0093 | EA | 8" Plaster Temple Of Winds Cap And Base | 590.14 | 14.06 |
| 06 44 39 00-0094 | EA | 10" Plaster Temple Of Winds Cap And Base | 770.46 | 16.40 |
| 06 44 39 00-0095 | EA | 12" Plaster Temple Of Winds Cap And Base | 985.90 | 18.75 |
| 06 44 39 00-0096 | EA | 6" Plaster Empire Capital And Base | 514.10 | 13.12 |
| 06 44 39 00-0097 | EA | 8" Plaster Empire Capital And Base | 629.17 | 14.06 |
| 06 44 39 00-0098 | EA | 10" Plaster Empire Capital And Base | 766.56 | 16.40 |
| 06 44 39 00-0099 | EA | 12" Plaster Empire Capital And Base | 857.10 | 18.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 06 46 Wood Trim *(06 40)*

### 06 46 13 Wood Door and Window Casings *(06 46)*

#### 06 46 13 00-0001 Door and Window Casings *(06 46 13)*

| | | | | |
|---|---|---|---|---|
| 06 46 13 00-0002 | LF | 1-1/8" Wide Plain Pine Door And Window Molding | 4.25 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.71* | |
| 06 46 13 00-0003 | LF | 1-1/8" Wide Detailed Pine Door And Window Molding | 4.30 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.71* | |
| 06 46 13 00-0004 | LF | 2-1/2" Wide Pine Complete Door And Window Trim | 5.57 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.71* | |

### 06 46 19 Wood Base and Shoe Moldings *(06 46)*

#### 06 46 19 00-0001 Base And Shoe Molding *(06 46 19)*

| | | | | |
|---|---|---|---|---|
| 06 46 19 00-0002 | LF | 1/2" x 1/2" Pine Quarter Round Trim | 4.31 | 1.63 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 19 00-0003 | LF | 3/4" x 3/4" Pine Quarter Round Trim | 4.67 | 1.63 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 19 00-0004 | LF | 3-1/2" High White Pine Base Molding, All Dimensions Are Nominal | 5.75 | 1.03 |
| | | *For Clear Birch, Add* | *0.74* | |
| | | *For Clear Mahogany, Oak, Maple Or Walnut, Add* | *1.39* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.42* | |
| | | *For Clear Poplar, Add* | *0.46* | |
| 06 46 19 00-0005 | LF | 4-1/2" High White Pine Base Molding, All Dimensions Are Nominal | 6.98 | 1.29 |
| | | *For Clear Birch, Add* | *0.86* | |
| | | *For Clear Mahogany, Oak, Maple Or Walnut, Add* | *1.64* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.48* | |
| | | *For Clear Poplar, Add* | *0.54* | |
| 06 46 19 00-0006 | LF | 5-1/2" High White Pine Base Molding, All Dimensions Are Nominal | 8.86 | 1.46 |
| | | *For Clear Birch, Add* | *1.32* | |
| | | *For Clear Mahogany, Oak, Maple Or Walnut, Add* | *2.34* | |
| | | *For Stain Grade Material (No Finger Joints), Add* | *0.75* | |
| | | *For Clear Poplar, Add* | *0.83* | |
| 06 46 19 00-0007 | LF | 3/4" x 1" Oak Base Shoe | 5.61 | 1.63 |
| 06 46 19 00-0008 | LF | 3/4" x 1" White Pine Base Shoe, Stain Grade | 5.40 | 1.63 |
| 06 46 19 00-0009 | LF | 3/4" x 1" White Pine Base Shoe, Paint Grade | 4.93 | 1.63 |

### 06 46 23 Wood Chair Rails *(06 46)*

#### 06 46 23 00-0001 Chair Rails *(06 46 23)*

| | | | | |
|---|---|---|---|---|
| 06 46 23 00-0002 | LF | 5/8" x 2-1/2" White Pine Shaped Chair Rail | 7.24 | 1.54 |
| | | *For Birch, Add* | *1.22* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *2.06* | |
| | | *For Poplar, Add* | *0.76* | |
| 06 46 23 00-0003 | LF | 5/8" x 3-1/2" White Pine Shaped Chair Rail | 9.17 | 1.54 |
| | | *For Birch, Add* | *1.84* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *2.93* | |
| | | *For Poplar, Add* | *1.15* | |
| 06 46 23 00-0004 | LF | 1/2" x 1-5/8" White Pine Shaped Chair Rail | 5.36 | 1.54 |
| | | *For Birch, Add* | *0.89* | |
| | | *For Mahogany, Oak, Maple Or Walnut, Add* | *1.51* | |
| | | *For Poplar, Add* | *0.56* | |

### 06 46 26 Wood Cornices *(06 46)*

#### 06 46 26 00-0001 Wood Cornices *(06 46 26)*

| | | | | |
|---|---|---|---|---|
| 06 46 26 00-0002 | LF | 1" x 2" White Pine Cornices, All Dimensions Are Nominal | 5.17 | 1.54 |
| | | *For Birch, Add* | *0.63* | |
| | | *For Mahogany, Oak, Maple, Or Walnut, Add* | *1.13* | |
| | | *For Poplar, Add* | *0.78* | |
| 06 46 26 00-0003 | LF | 1" x 4" White Pine Cornices, All Dimensions Are Nominal | 6.72 | 1.63 |
| | | *For Birch, Add* | *1.13* | |
| | | *For Mahogany, Oak, Maple, Or Walnut, Add* | *1.77* | |
| | | *For Poplar, Add* | *1.41* | |
| 06 46 26 00-0004 | LF | 1" x 6" White Pine Cornices, All Dimensions Are Nominal | 9.71 | 1.71 |
| | | *For Birch, Add* | *2.15* | |
| | | *For Mahogany, Oak, Maple, Or Walnut, Add* | *3.06* | |
| | | *For Poplar, Add* | *2.69* | |
| 06 46 26 00-0005 | LF | 1" x 8" White Pine Cornices, All Dimensions Are Nominal | 11.33 | 1.71 |
| | | *For Birch, Add* | *2.67* | |
| | | *For Mahogany, Oak, Maple, Or Walnut, Add* | *3.73* | |
| | | *For Poplar, Add* | *3.34* | |
| 06 46 26 00-0006 | LF | 1" x 10" White Pine Cornices, All Dimensions Are Nominal | 13.20 | 1.81 |
| | | *For Birch, Add* | *3.28* | |
| | | *For Mahogany, Oak, Maple, Or Walnut, Add* | *4.51* | |
| | | *For Poplar, Add* | *4.10* | |
| 06 46 26 00-0007 | LF | 1" x 12" White Pine Cornices, All Dimensions Are Nominal | 17.27 | 1.98 |
| | | *For Birch, Add* | *4.67* | |
| | | *For Mahogany, Oak, Maple, Or Walnut, Add* | *6.27* | |
| | | *For Poplar, Add* | *5.84* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **06 46 29** | | **Wood Fasciae and Soffits** *(06 46)* | | |
| 06 46 29 00-0001 | | Fascia Board *(06 46 29)* | | |
| 06 46 29 00-0002 | | Pine Fascia Board *(06 46 29 00-0001)* | | |
| 06 46 29 00-0003 | LF | 1" x 6" Pine Fascia Board | 5.10 | 1.71 |
| 06 46 29 00-0004 | LF | 1" x 8" Pine Fascia Board | 6.04 | 1.91 |
| 06 46 29 00-0005 | LF | 1" x 10" Pine Fascia Board | 6.78 | 2.00 |
| 06 46 29 00-0006 | LF | 1" x 12" Pine Fascia Board | 8.36 | 2.24 |
| 06 46 29 00-0007 | LF | 2" x 6" Pine Fascia Board | 4.98 | 1.71 |
| 06 46 29 00-0008 | LF | 2" x 8" Pine Fascia Board | 5.87 | 1.91 |
| 06 46 29 00-0009 | LF | 2" x 10" Pine Fascia Board | 7.03 | 2.00 |
| 06 46 29 00-0010 | LF | 2" x 12" Pine Fascia Board | 9.13 | 2.24 |
| 06 46 29 00-0011 | LF | 2" x 6" Trim, Exterior, Pine, Resawn Fascia | 5.66 | 1.71 |
| 06 46 29 00-0012 | LF | 2" x 8" Trim, Exterior, Pine, Resawn Fascia | 6.75 | 1.91 |
| 06 46 29 00-0013 | LF | 2" x 10" Trim, Exterior, Pine, Resawn Fascia | 7.74 | 2.00 |
| 06 46 29 00-0014 | LF | 2" x 12" Trim, Exterior, Pine, Resawn Fascia | 10.12 | 2.24 |
| 06 46 29 00-0015 | | Cedar Fascia Board *(06 46 29 00-0001)* | | |
| 06 46 29 00-0016 | LF | 1" x 6" Cedar Fascia Board | 5.90 | 1.71 |
| 06 46 29 00-0017 | LF | 1" x 8" Cedar Fascia Board | 7.29 | 1.91 |
| 06 46 29 00-0018 | LF | 1" x 10" Cedar Fascia Board | 9.19 | 2.00 |
| 06 46 29 00-0019 | LF | 1" x 12" Cedar Fascia Board | 11.74 | 2.24 |
| 06 46 29 00-0020 | | Engineered Wood Fascia Board *(06 46 29 00-0001)* | | |
| 06 46 29 00-0021 | LF | 1" x 6" Engineered Wood Fascia Board | 4.64 | 1.71 |
| 06 46 29 00-0022 | LF | 1" x 8" Engineered Wood Fascia Board | 5.43 | 1.91 |
| 06 46 29 00-0023 | LF | 1" x 12" Engineered Wood Fascia Board | 6.91 | 2.24 |
| 06 46 29 00-0024 | | Soffit *(06 46 29)* | | |
| 06 46 29 00-0025 | | Sanded Plywood Soffit *(06 46 29 00-0024)* | | |
| 06 46 29 00-0026 | SF | 3/8" Thick, Sanded Plywood Soffit | 5.24 | 1.31 |
| 06 46 29 00-0027 | SF | 1/2" Thick, Sanded Plywood Soffit | 5.97 | 1.38 |
| 06 46 29 00-0028 | SF | 5/8" Thick, Sanded Plywood Soffit | 6.28 | 1.44 |
| 06 46 29 00-0029 | SF | 3/4" Thick, Sanded Plywood Soffit | 7.28 | 1.52 |
| 06 46 29 00-0030 | | MDO Plywood Soffit *(06 46 29 00-0024)* | | |
| 06 46 29 00-0031 | SF | 3/8" Thick, MDO Plywood Soffit | 6.44 | 1.31 |
| 06 46 29 00-0032 | SF | 1/2" Thick, MDO Plywood Soffit | 7.50 | 1.38 |
| 06 46 29 00-0033 | SF | 3/4" Thick, MDO Plywood Soffit | 10.25 | 1.52 |
| 06 46 29 00-0034 | | Exterior Ceiling Gypsum Board Soffit *(06 46 29 00-0024)* | | |
| 06 46 29 00-0035 | SF | 1/2" Thick, Exterior Ceiling Gypsum Board Soffit | 2.87 | 1.14 |
| 06 46 29 00-0036 | SF | 5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit | 3.12 | 1.20 |
| **06 46 36** | | **Custom Wood Molding** *(06 46)* | | |
| | | Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal. | | |
| 06 46 36 00-0001 | | Ash *(06 46 36)* | | |
| 06 46 36 00-0002 | LF | 3/4" x 1-1/2" Custom Shaped Ash | 6.93 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.70* | |
| 06 46 36 00-0003 | LF | 3/4" x 2-1/2" Custom Shaped Ash | 8.97 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0004 | LF | 3/4" x 3-1/2" Custom Shaped Ash | 11.03 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0005 | LF | 3/4" x 4-1/2" Custom Shaped Ash | 13.08 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0006 | LF | 3/4" x 5-1/2" Custom Shaped Ash | 15.22 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0007 | LF | 3/4" x 6-1/2" Custom Shaped Ash | 17.36 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0008 | LF | 3/4" x 7-1/2" Custom Shaped Ash | 19.39 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0009 | LF | 3/4" x 8-1/2" Custom Shaped Ash | 21.46 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.90* | |
| 06 46 36 00-0010 | LF | 3/4" x 9-1/2" Custom Shaped Ash | 23.46 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0011 | LF | 3/4" x 10-1/2" Custom Shaped Ash | 25.64 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0012 | LF | 3/4" x 11-1/2" Custom Shaped Ash | 27.72 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0013 | LF | 1" x 1-1/2" Custom Shaped Ash | 8.36 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0014 | LF | 1" x 2-1/2" Custom Shaped Ash | 11.06 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0015 | LF | 1" x 3-1/2" Custom Shaped Ash | 13.75 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0016 | LF | 1" x 4-1/2" Custom Shaped Ash | 16.46 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0017 | LF | 1" x 5-1/2" Custom Shaped Ash | 19.29 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0018 | LF | 1" x 6-1/2" Custom Shaped Ash | 22.09 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0019 | LF | 1" x 7-1/2" Custom Shaped Ash | 24.78 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0020 | LF | 1" x 8-1/2" Custom Shaped Ash | 27.49 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.92* | |
| 06 46 36 00-0021 | LF | 1" x 9-1/2" Custom Shaped Ash | 30.19 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0022 | LF | 1" x 10-1/2" Custom Shaped Ash | 33.01 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.98* | |
| 06 46 36 00-0023 | LF | 1" x 11-1/2" Custom Shaped Ash | 35.75 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0024 | LF | 1-1/4" x 1-1/2" Custom Shaped Ash | 10.17 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0025 | LF | 1-1/4" x 2-1/2" Custom Shaped Ash | 13.74 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0026 | LF | 1-1/4" x 3-1/2" Custom Shaped Ash | 17.33 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0027 | LF | 1-1/4" x 4-1/2" Custom Shaped Ash | 20.90 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0028 | LF | 1-1/4" x 5-1/2" Custom Shaped Ash | 24.59 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0029 | LF | 1-1/4" x 6-1/2" Custom Shaped Ash | 28.26 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0030 | LF | 1-1/4" x 7-1/2" Custom Shaped Ash | 31.83 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0031 | LF | 1-1/4" x 8-1/2" Custom Shaped Ash | 35.43 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.94* | |
| 06 46 36 00-0032 | LF | 1-1/4" x 9-1/2" Custom Shaped Ash | 38.97 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0033 | LF | 1-1/4" x 10-1/2" Custom Shaped Ash | 42.67 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.00* | |
| 06 46 36 00-0034 | LF | 1-1/4" x 11-1/2" Custom Shaped Ash | 46.29 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0035 | LF | 1-1/2" x 1-1/2" Custom Shaped Ash | 12.76 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.75* | |
| 06 46 36 00-0036 | LF | 1-1/2" x 2-1/2" Custom Shaped Ash | 17.60 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0037 | LF | 1-1/2" x 3-1/2" Custom Shaped Ash | 22.43 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0038 | LF | 1-1/2" x 4-1/2" Custom Shaped Ash | 27.27 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 36 00-0039 | LF | 1-1/2" x 5-1/2" Custom Shaped Ash | 32.12 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0040 | LF | 1-1/2" x 6-1/2" Custom Shaped Ash | 37.13 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0041 | LF | 1-1/2" x 7-1/2" Custom Shaped Ash | 42.05 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0042 | LF | 1-1/2" x 8-1/2" Custom Shaped Ash | 46.82 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0043 | LF | 1-1/2" x 9-1/2" Custom Shaped Ash | 51.61 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0044 | LF | 1-1/2" x 10-1/2" Custom Shaped Ash | 57.02 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.02* | |
| 06 46 36 00-0045 | LF | 1-1/2" x 11-1/2" Custom Shaped Ash | 61.43 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |

## 06 46 36 00-0046 Basswood *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0047 | LF | 3/4" x 1-1/2" Custom Shaped Basswood | 5.63 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.70* | |
| 06 46 36 00-0048 | LF | 3/4" x 2-1/2" Custom Shaped Basswood | 7.02 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0049 | LF | 3/4" x 3-1/2" Custom Shaped Basswood | 8.42 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0050 | LF | 3/4" x 4-1/2" Custom Shaped Basswood | 9.82 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0051 | LF | 3/4" x 5-1/2" Custom Shaped Basswood | 11.32 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0052 | LF | 3/4" x 6-1/2" Custom Shaped Basswood | 12.81 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0053 | LF | 3/4" x 7-1/2" Custom Shaped Basswood | 14.19 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0054 | LF | 3/4" x 8-1/2" Custom Shaped Basswood | 15.61 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.90* | |
| 06 46 36 00-0055 | LF | 3/4" x 9-1/2" Custom Shaped Basswood | 16.96 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0056 | LF | 3/4" x 10-1/2" Custom Shaped Basswood | 18.48 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0057 | LF | 3/4" x 11-1/2" Custom Shaped Basswood | 19.91 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0058 | LF | 1" x 1-1/2" Custom Shaped Basswood | 6.50 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0059 | LF | 1" x 2-1/2" Custom Shaped Basswood | 8.27 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0060 | LF | 1" x 3-1/2" Custom Shaped Basswood | 10.04 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0061 | LF | 1" x 4-1/2" Custom Shaped Basswood | 11.81 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0062 | LF | 1" x 5-1/2" Custom Shaped Basswood | 13.72 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0063 | LF | 1" x 6-1/2" Custom Shaped Basswood | 15.58 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0064 | LF | 1" x 7-1/2" Custom Shaped Basswood | 17.34 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0065 | LF | 1" x 8-1/2" Custom Shaped Basswood | 19.13 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.92* | |
| 06 46 36 00-0066 | LF | 1" x 9-1/2" Custom Shaped Basswood | 20.90 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0067 | LF | 1" x 10-1/2" Custom Shaped Basswood | 22.79 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.98* | |
| 06 46 36 00-0068 | LF | 1" x 11-1/2" Custom Shaped Basswood | 24.60 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0069 | LF | 1-1/2" x 1-1/2" Custom Shaped Basswood | 9.15 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0070 | LF | 1-1/2" x 2-1/2" Custom Shaped Basswood | 12.21 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0071 | LF | 1-1/2" x 3-1/2" Custom Shaped Basswood | 15.28 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0072 | LF | 1-1/2" x 4-1/2" Custom Shaped Basswood | 18.35 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0073 | LF | 1-1/2" x 5-1/2" Custom Shaped Basswood | 21.52 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0074 | LF | 1-1/2" x 6-1/2" Custom Shaped Basswood | 24.69 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0075 | LF | 1-1/2" x 7-1/2" Custom Shaped Basswood | 27.74 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0076 | LF | 1-1/2" x 8-1/2" Custom Shaped Basswood | 30.83 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.94* | |
| 06 46 36 00-0077 | LF | 1-1/2" x 9-1/2" Custom Shaped Basswood | 33.86 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0078 | LF | 1-1/2" x 10-1/2" Custom Shaped Basswood | 37.05 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.00* | |
| 06 46 36 00-0079 | LF | 1-1/2" x 11-1/2" Custom Shaped Basswood | 40.15 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0080 | LF | 3-1/2" x 3-1/2" Custom Shaped Basswood | 37.89 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0081 | LF | 3-1/2" x 4-1/2" Custom Shaped Basswood | 46.61 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0082 | LF | 3-1/2" x 5-1/2" Custom Shaped Basswood | 55.25 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0083 | LF | 3-1/2" x 6-1/2" Custom Shaped Basswood | 64.06 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0084 | LF | 3-1/2" x 7-1/2" Custom Shaped Basswood | 72.70 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0085 | LF | 3-1/2" x 8-1/2" Custom Shaped Basswood | 81.50 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0086 | LF | 3-1/2" x 9-1/2" Custom Shaped Basswood | 90.04 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |
| 06 46 36 00-0087 | LF | 3-1/2" x 10-1/2" Custom Shaped Basswood | 98.68 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.07* | |
| 06 46 36 00-0088 | LF | 3-1/2" x 11-1/2" Custom Shaped Basswood | 107.49 | 1.46 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.13* | |

## 06 46 36 00-0089 Birch *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0090 | LF | 3/4" x 1-1/2" Custom Shaped Birch | 6.10 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.70* | |
| 06 46 36 00-0091 | LF | 3/4" x 2-1/2" Custom Shaped Birch | 7.72 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0092 | LF | 3/4" x 3-1/2" Custom Shaped Birch | 9.35 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0093 | LF | 3/4" x 4-1/2" Custom Shaped Birch | 10.99 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0094 | LF | 3/4" x 5-1/2" Custom Shaped Birch | 12.71 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0095 | LF | 3/4" x 6-1/2" Custom Shaped Birch | 14.43 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0096 | LF | 3/4" x 7-1/2" Custom Shaped Birch | 16.05 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0097 | LF | 3/4" x 8-1/2" Custom Shaped Birch | 17.70 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.90* | |
| 06 46 36 00-0098 | LF | 3/4" x 9-1/2" Custom Shaped Birch | 19.28 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0099 | LF | 3/4" x 10-1/2" Custom Shaped Birch | 21.04 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0100 | LF | 3/4" x 11-1/2" Custom Shaped Birch | 22.70 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0101 | LF | 1" x 1-1/2" Custom Shaped Birch | 7.20 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0102 | LF | 1" x 2-1/2" Custom Shaped Birch | 9.30 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0103 | LF | 1" x 3-1/2" Custom Shaped Birch | 11.43 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0104 | LF | 1" x 4-1/2" Custom Shaped Birch | 13.58 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0105 | LF | 1" x 5-1/2" Custom Shaped Birch | 15.81 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0106 | LF | 1" x 6-1/2" Custom Shaped Birch | 18.00 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0107 | LF | 1" x 7-1/2" Custom Shaped Birch | 20.13 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0108 | LF | 1" x 8-1/2" Custom Shaped Birch | 22.29 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.92* | |
| 06 46 36 00-0109 | LF | 1" x 9-1/2" Custom Shaped Birch | 24.38 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0110 | LF | 1" x 10-1/2" Custom Shaped Birch | 26.60 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.98* | |
| 06 46 36 00-0111 | LF | 1" x 11-1/2" Custom Shaped Birch | 28.78 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0112 | LF | 1-1/4" x 1-1/2" Custom Shaped Birch | 8.50 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0113 | LF | 1-1/4" x 2-1/2" Custom Shaped Birch | 11.24 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0114 | LF | 1-1/4" x 3-1/2" Custom Shaped Birch | 13.98 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0115 | LF | 1-1/4" x 4-1/2" Custom Shaped Birch | 16.72 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0116 | LF | 1-1/4" x 5-1/2" Custom Shaped Birch | 19.57 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0117 | LF | 1-1/4" x 6-1/2" Custom Shaped Birch | 22.41 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0118 | LF | 1-1/4" x 7-1/2" Custom Shaped Birch | 25.14 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0119 | LF | 1-1/4" x 8-1/2" Custom Shaped Birch | 27.91 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.94* | |
| 06 46 36 00-0120 | LF | 1-1/4" x 9-1/2" Custom Shaped Birch | 30.60 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0121 | LF | 1-1/4" x 10-1/2" Custom Shaped Birch | 33.47 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.00* | |
| 06 46 36 00-0122 | LF | 1-1/4" x 11-1/2" Custom Shaped Birch | 36.25 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0123 | LF | 1-1/2" x 1-1/2" Custom Shaped Birch | 10.53 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.75* | |
| 06 46 36 00-0124 | LF | 1-1/2" x 2-1/2" Custom Shaped Birch | 14.25 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0125 | LF | 1-1/2" x 3-1/2" Custom Shaped Birch | 17.97 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0126 | LF | 1-1/2" x 4-1/2" Custom Shaped Birch | 21.69 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 36 00-0127 | LF | 1-1/2" x 5-1/2" Custom Shaped Birch | 25.43 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0128 | LF | 1-1/2" x 6-1/2" Custom Shaped Birch | 29.32 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0129 | LF | 1-1/2" x 7-1/2" Custom Shaped Birch | 33.03 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0130 | LF | 1-1/2" x 8-1/2" Custom Shaped Birch | 36.79 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0131 | LF | 1-1/2" x 9-1/2" Custom Shaped Birch | 40.46 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0132 | LF | 1-1/2" x 10-1/2" Custom Shaped Birch | 44.75 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.02* | |
| 06 46 36 00-0133 | LF | 1-1/2" x 11-1/2" Custom Shaped Birch | 48.05 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |

### 06 46 36 00-0134 Clear Western Cedar *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0135 | LF | 3/4" x 1-1/2" Custom Shaped Clear West Cedar | 6.10 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.70* | |
| 06 46 36 00-0136 | LF | 3/4" x 2-1/2" Custom Shaped Clear West Cedar | 7.72 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0137 | LF | 3/4" x 3-1/2" Custom Shaped Clear West Cedar | 9.35 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0138 | LF | 3/4" x 4-1/2" Custom Shaped Clear West Cedar | 10.99 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0139 | LF | 3/4" x 5-1/2" Custom Shaped Clear West Cedar | 12.71 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0140 | LF | 3/4" x 6-1/2" Custom Shaped Clear West Cedar | 14.43 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0141 | LF | 1" x 1-1/2" Custom Shaped Clear West Cedar | 7.29 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0142 | LF | 1" x 2-1/2" Custom Shaped Clear West Cedar | 9.48 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0143 | LF | 1" x 3-1/2" Custom Shaped Clear West Cedar | 11.66 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0144 | LF | 1" x 4-1/2" Custom Shaped Clear West Cedar | 13.85 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0145 | LF | 1" x 5-1/2" Custom Shaped Clear West Cedar | 16.14 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0146 | LF | 1" x 6-1/2" Custom Shaped Clear West Cedar | 18.42 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0147 | LF | 1-1/4" x 1-1/2" Custom Shaped Clear West Cedar | 9.70 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0148 | LF | 1-1/4" x 2-1/2" Custom Shaped Clear West Cedar | 13.05 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0149 | LF | 1-1/4" x 3-1/2" Custom Shaped Clear West Cedar | 16.40 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0150 | LF | 1-1/4" x 4-1/2" Custom Shaped Clear West Cedar | 19.74 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0151 | LF | 1-1/4" x 5-1/2" Custom Shaped Clear West Cedar | 23.19 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0152 | LF | 1-1/4" x 6-1/2" Custom Shaped Clear West Cedar | 26.64 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0153 | LF | 1-1/2" x 1-1/2" Custom Shaped Clear West Cedar | 9.97 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.75* | |
| 06 46 36 00-0154 | LF | 1-1/2" x 2-1/2" Custom Shaped Clear West Cedar | 13.42 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0155 | LF | 1-1/2" x 3-1/2" Custom Shaped Clear West Cedar | 16.85 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0156 | LF | 1-1/2" x 4-1/2" Custom Shaped Clear West Cedar | 20.30 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 36 00-0157 | LF | 1-1/2" x 5-1/2" Custom Shaped Clear West Cedar | 23.75 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0158 | LF | 1-1/2" x 6-1/2" Custom Shaped Clear West Cedar | 27.37 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0159 | LF | 3-1/2" x 3-1/2" Custom Shaped Clear West Cedar | 33.43 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0160 | LF | 3-1/2" x 4-1/2" Custom Shaped Clear West Cedar | 41.03 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0161 | LF | 3-1/2" x 5-1/2" Custom Shaped Clear West Cedar | 48.56 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0162 | LF | 3-1/2" x 6-1/2" Custom Shaped Clear West Cedar | 56.25 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0163 | LF | 3-1/2" x 7-1/2" Custom Shaped Clear West Cedar | 63.77 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0164 | LF | 3-1/2" x 8-1/2" Custom Shaped Clear West Cedar | 71.37 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0165 | LF | 3-1/2" x 9-1/2" Custom Shaped Clear West Cedar | 78.89 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |
| 06 46 36 00-0166 | LF | 3-1/2" x 10-1/2" Custom Shaped Clear West Cedar | 86.42 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.07* | |
| 06 46 36 00-0167 | LF | 3-1/2" x 11-1/2" Custom Shaped Clear West Cedar | 94.11 | 1.46 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.13* | |

## 06 46 36 00-0168 Cherry *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0169 | LF | 3/4" x 1-1/2" Custom Shaped Cherry | 7.58 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.70* | |
| 06 46 36 00-0170 | LF | 3/4" x 2-1/2" Custom Shaped Cherry | 9.95 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0171 | LF | 3/4" x 3-1/2" Custom Shaped Cherry | 12.33 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0172 | LF | 3/4" x 4-1/2" Custom Shaped Cherry | 14.70 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0173 | LF | 3/4" x 5-1/2" Custom Shaped Cherry | 17.17 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0174 | LF | 3/4" x 6-1/2" Custom Shaped Cherry | 19.64 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0175 | LF | 3/4" x 7-1/2" Custom Shaped Cherry | 21.99 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0176 | LF | 3/4" x 8-1/2" Custom Shaped Cherry | 24.39 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.90* | |
| 06 46 36 00-0177 | LF | 3/4" x 9-1/2" Custom Shaped Cherry | 26.72 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0178 | LF | 3/4" x 10-1/2" Custom Shaped Cherry | 29.21 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0179 | LF | 3/4" x 11-1/2" Custom Shaped Cherry | 31.62 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0180 | LF | 1" x 1-1/2" Custom Shaped Cherry | 9.15 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0181 | LF | 1" x 2-1/2" Custom Shaped Cherry | 12.27 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0182 | LF | 1" x 3-1/2" Custom Shaped Cherry | 15.38 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0183 | LF | 1" x 4-1/2" Custom Shaped Cherry | 18.50 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0184 | LF | 1" x 5-1/2" Custom Shaped Cherry | 21.71 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0185 | LF | 1" x 6-1/2" Custom Shaped Cherry | 24.92 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0186 | LF | 1" x 7-1/2" Custom Shaped Cherry | 28.03 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0187 | LF | 1" x 8-1/2" Custom Shaped Cherry | 31.21 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.92* | |
| 06 46 36 00-0188 | LF | 1" x 9-1/2" Custom Shaped Cherry | 34.23 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0189 | LF | 1" x 10-1/2" Custom Shaped Cherry | 37.47 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.98* | |
| 06 46 36 00-0190 | LF | 1" x 11-1/2" Custom Shaped Cherry | 40.63 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0191 | LF | 1-1/4" x 1-1/2" Custom Shaped Cherry | 10.87 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0192 | LF | 1-1/4" x 2-1/2" Custom Shaped Cherry | 14.81 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0193 | LF | 1-1/4" x 3-1/2" Custom Shaped Cherry | 18.72 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0194 | LF | 1-1/4" x 4-1/2" Custom Shaped Cherry | 22.67 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0195 | LF | 1-1/4" x 5-1/2" Custom Shaped Cherry | 26.68 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0196 | LF | 1-1/4" x 6-1/2" Custom Shaped Cherry | 30.73 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0197 | LF | 1-1/4" x 7-1/2" Custom Shaped Cherry | 34.62 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0198 | LF | 1-1/4" x 8-1/2" Custom Shaped Cherry | 38.59 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.94* | |
| 06 46 36 00-0199 | LF | 1-1/4" x 9-1/2" Custom Shaped Cherry | 42.45 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0200 | LF | 1-1/4" x 10-1/2" Custom Shaped Cherry | 46.53 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.00* | |
| 06 46 36 00-0201 | LF | 1-1/4" x 11-1/2" Custom Shaped Cherry | 50.47 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0202 | LF | 1-1/2" x 1-1/2" Custom Shaped Cherry | 14.06 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.75* | |
| 06 46 36 00-0203 | LF | 1-1/2" x 2-1/2" Custom Shaped Cherry | 19.55 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0204 | LF | 1-1/2" x 3-1/2" Custom Shaped Cherry | 25.03 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0205 | LF | 1-1/2" x 4-1/2" Custom Shaped Cherry | 30.52 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 36 00-0206 | LF | 1-1/2" x 5-1/2" Custom Shaped Cherry | 36.02 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0207 | LF | 1-1/2" x 6-1/2" Custom Shaped Cherry | 41.68 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0208 | LF | 1-1/2" x 7-1/2" Custom Shaped Cherry | 47.16 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0209 | LF | 1-1/2" x 8-1/2" Custom Shaped Cherry | 52.68 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0210 | LF | 1-1/2" x 9-1/2" Custom Shaped Cherry | 58.12 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0211 | LF | 1-1/2" x 10-1/2" Custom Shaped Cherry | 63.80 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.02* | |
| 06 46 36 00-0212 | LF | 1-1/2" x 11-1/2" Custom Shaped Cherry | 69.24 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |

### 06 46 36 00-0213 Cypress *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0214 | LF | 3/4" x 1-1/2" Custom Shaped Cypress | 5.63 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.70* | |
| 06 46 36 00-0215 | LF | 3/4" x 2-1/2" Custom Shaped Cypress | 7.02 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0216 | LF | 3/4" x 3-1/2" Custom Shaped Cypress | 8.42 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0217 | LF | 3/4" x 4-1/2" Custom Shaped Cypress | 9.82 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0218 | LF | 3/4" x 5-1/2" Custom Shaped Cypress | 11.32 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0219 | LF | 3/4" x 6-1/2" Custom Shaped Cypress | 12.81 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0220 | LF | 3/4" x 7-1/2" Custom Shaped Cypress | 14.56 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0221 | LF | 3/4" x 8-1/2" Custom Shaped Cypress | 16.03 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.90* | |
| 06 46 36 00-0222 | LF | 3/4" x 9-1/2" Custom Shaped Cypress | 18.82 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0223 | LF | 3/4" x 10-1/2" Custom Shaped Cypress | 20.53 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0224 | LF | 1" x 1-1/2" Custom Shaped Cypress | 7.66 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0225 | LF | 1" x 2-1/2" Custom Shaped Cypress | 9.99 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0226 | LF | 1" x 3-1/2" Custom Shaped Cypress | 12.36 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0227 | LF | 1" x 4-1/2" Custom Shaped Cypress | 14.74 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0228 | LF | 1" x 5-1/2" Custom Shaped Cypress | 17.20 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0229 | LF | 1" x 6-1/2" Custom Shaped Cypress | 19.62 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0230 | LF | 1" x 7-1/2" Custom Shaped Cypress | 21.99 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0231 | LF | 1" x 8-1/2" Custom Shaped Cypress | 24.38 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.92* | |
| 06 46 36 00-0232 | LF | 1" x 9-1/2" Custom Shaped Cypress | 26.70 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0233 | LF | 1" x 10-1/2" Custom Shaped Cypress | 29.25 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.98* | |
| 06 46 36 00-0234 | LF | 1" x 11-1/2" Custom Shaped Cypress | 31.57 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0235 | LF | 1-1/2" x 1-1/2" Custom Shaped Cypress | 9.04 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.75* | |
| 06 46 36 00-0236 | LF | 1-1/2" x 2-1/2" Custom Shaped Cypress | 12.02 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0237 | LF | 1-1/2" x 3-1/2" Custom Shaped Cypress | 14.99 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0238 | LF | 1-1/2" x 4-1/2" Custom Shaped Cypress | 17.97 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 36 00-0239 | LF | 1-1/2" x 5-1/2" Custom Shaped Cypress | 20.96 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0240 | LF | 1-1/2" x 6-1/2" Custom Shaped Cypress | 24.12 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0241 | LF | 1-1/2" x 7-1/2" Custom Shaped Cypress | 27.09 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0242 | LF | 1-1/2" x 8-1/2" Custom Shaped Cypress | 30.10 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0243 | LF | 1-1/2" x 9-1/2" Custom Shaped Cypress | 35.82 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0244 | LF | 1-1/2" x 10-1/2" Custom Shaped Cypress | 39.08 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.02* | |
| 06 46 36 00-0245 | | Fir *(06 46 36)* | | |
| 06 46 36 00-0246 | LF | 3/4" x 1-1/2" Custom Shaped Fir | 6.38 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.70* | |
| 06 46 36 00-0247 | LF | 3/4" x 2-1/2" Custom Shaped Fir | 8.14 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0248 | LF | 3/4" x 3-1/2" Custom Shaped Fir | 9.91 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0249 | LF | 3/4" x 4-1/2" Custom Shaped Fir | 11.68 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0250 | LF | 3/4" x 5-1/2" Custom Shaped Fir | 13.55 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0251 | LF | 3/4" x 6-1/2" Custom Shaped Fir | 15.41 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0252 | LF | 3/4" x 7-1/2" Custom Shaped Fir | 17.16 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0253 | LF | 3/4" x 8-1/2" Custom Shaped Fir | 18.95 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.90* | |
| 06 46 36 00-0254 | LF | 3/4" x 9-1/2" Custom Shaped Fir | 20.68 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0255 | LF | 3/4" x 10-1/2" Custom Shaped Fir | 22.57 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0256 | LF | 1" x 1-1/2" Custom Shaped Fir | 7.66 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0257 | LF | 1" x 2-1/2" Custom Shaped Fir | 9.99 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0258 | LF | 1" x 3-1/2" Custom Shaped Fir | 12.36 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0259 | LF | 1" x 4-1/2" Custom Shaped Fir | 14.74 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0260 | LF | 1" x 5-1/2" Custom Shaped Fir | 17.20 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0261 | LF | 1" x 6-1/2" Custom Shaped Fir | 19.62 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0262 | LF | 1" x 7-1/2" Custom Shaped Fir | 21.99 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0263 | LF | 1" x 8-1/2" Custom Shaped Fir | 24.38 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.92* | |
| 06 46 36 00-0264 | LF | 1" x 9-1/2" Custom Shaped Fir | 26.70 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0265 | LF | 1" x 10-1/2" Custom Shaped Fir | 29.25 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.98* | |
| 06 46 36 00-0266 | LF | 1" x 11-1/2" Custom Shaped Fir | 31.57 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0267 | LF | 1-1/4" x 1-1/2" Custom Shaped Fir | 8.64 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0268 | LF | 1-1/4" x 2-1/2" Custom Shaped Fir | 11.47 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0269 | LF | 1-1/4" x 3-1/2" Custom Shaped Fir | 14.26 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0270 | LF | 1-1/4" x 4-1/2" Custom Shaped Fir | 17.09 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0271 | LF | 1-1/4" x 5-1/2" Custom Shaped Fir | 19.99 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0272 | LF | 1-1/4" x 6-1/2" Custom Shaped Fir | 22.92 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0273 | LF | 1-1/4" x 7-1/2" Custom Shaped Fir | 25.70 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0274 | LF | 1-1/4" x 8-1/2" Custom Shaped Fir | 28.56 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.94* | |
| 06 46 36 00-0275 | LF | 1-1/4" x 9-1/2" Custom Shaped Fir | 31.30 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0276 | LF | 1-1/4" x 10-1/2" Custom Shaped Fir | 34.26 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.00* | |
| 06 46 36 00-0277 | LF | 1-1/4" x 11-1/2" Custom Shaped Fir | 37.09 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0278 | LF | 1-1/2" x 1-1/2" Custom Shaped Fir | 9.97 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.75* | |
| 06 46 36 00-0279 | LF | 1-1/2" x 2-1/2" Custom Shaped Fir | 13.42 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0280 | LF | 1-1/2" x 3-1/2" Custom Shaped Fir | 16.85 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0281 | LF | 1-1/2" x 4-1/2" Custom Shaped Fir | 20.30 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 36 00-0282 | LF | 1-1/2" x 5-1/2" Custom Shaped Fir | 23.75 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0283 | LF | 1-1/2" x 6-1/2" Custom Shaped Fir | 27.37 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0284 | LF | 1-1/2" x 7-1/2" Custom Shaped Fir | 30.80 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0285 | LF | 1-1/2" x 8-1/2" Custom Shaped Fir | 34.28 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0286 | LF | 1-1/2" x 9-1/2" Custom Shaped Fir | 37.67 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0287 | LF | 1-1/2" x 10-1/2" Custom Shaped Fir | 41.22 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.02* | |
| 06 46 36 00-0288 | LF | 1-1/2" x 11-1/2" Custom Shaped Fir | 44.70 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |
| 06 46 36 00-0289 | LF | 2-1/2" x 1-1/2" Custom Shaped Fir | 16.82 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.79* | |
| 06 46 36 00-0290 | LF | 2-1/2" x 2-1/2" Custom Shaped Fir | 23.59 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0291 | LF | 2-1/2" x 3-1/2" Custom Shaped Fir | 30.37 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0292 | LF | 2-1/2" x 4-1/2" Custom Shaped Fir | 37.22 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0293 | LF | 2-1/2" x 5-1/2" Custom Shaped Fir | 44.00 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0294 | LF | 2-1/2" x 6-1/2" Custom Shaped Fir | 50.96 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0295 | LF | 2-1/2" x 7-1/2" Custom Shaped Fir | 57.74 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0296 | LF | 2-1/2" x 8-1/2" Custom Shaped Fir | 64.69 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0297 | LF | 2-1/2" x 9-1/2" Custom Shaped Fir | 71.37 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0298 | LF | 2-1/2" x 10-1/2" Custom Shaped Fir | 78.15 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |
| 06 46 36 00-0299 | LF | 3-1/2" x 3-1/2" Custom Shaped Fir | 37.98 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0300 | LF | 3-1/2" x 4-1/2" Custom Shaped Fir | 46.61 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0301 | LF | 3-1/2" x 5-1/2" Custom Shaped Fir | 55.25 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0302 | LF | 3-1/2" x 6-1/2" Custom Shaped Fir | 64.06 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0303 | LF | 3-1/2" x 7-1/2" Custom Shaped Fir | 72.70 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0304 | LF | 3-1/2" x 8-1/2" Custom Shaped Fir | 81.40 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0305 | LF | 3-1/2" x 9-1/2" Custom Shaped Fir | 90.04 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |
| 06 46 36 00-0306 | LF | 3-1/2" x 10-1/2" Custom Shaped Fir | 98.68 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.07* | |

### 06 46 36 00-0307 Honduran Mahogany *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0308 | LF | 3/4" x 1-1/2" Custom Shaped Honduras Mahogany | 8.14 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0309 | LF | 3/4" x 2-1/2" Custom Shaped Honduras Mahogany | 10.79 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0310 | LF | 3/4" x 3-1/2" Custom Shaped Honduras Mahogany | 13.44 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0311 | LF | 3/4" x 4-1/2" Custom Shaped Honduras Mahogany | 16.10 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0312 | LF | 3/4" x 5-1/2" Custom Shaped Honduras Mahogany | 18.84 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0313 | LF | 3/4" x 6-1/2" Custom Shaped Honduras Mahogany | 21.59 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0314 | LF | 3/4" x 7-1/2" Custom Shaped Honduras Mahogany | 24.22 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0315 | LF | 3/4" x 8-1/2" Custom Shaped Honduras Mahogany | 26.90 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.90* | |
| 06 46 36 00-0316 | LF | 3/4" x 9-1/2" Custom Shaped Honduras Mahogany | 29.51 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0317 | LF | 3/4" x 10-1/2" Custom Shaped Honduras Mahogany | 32.28 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0318 | LF | 3/4" x 11-1/2" Custom Shaped Honduras Mahogany | 34.97 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0319 | LF | 1" x 1-1/2" Custom Shaped Honduras Mahogany | 9.99 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.72* | |
| 06 46 36 00-0320 | LF | 1" x 2-1/2" Custom Shaped Honduras Mahogany | 13.48 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0321 | LF | 1" x 3-1/2" Custom Shaped Honduras Mahogany | 17.01 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0322 | LF | 1" x 4-1/2" Custom Shaped Honduras Mahogany | 20.55 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0323 | LF | 1" x 5-1/2" Custom Shaped Honduras Mahogany | 24.17 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0324 | LF | 1" x 6-1/2" Custom Shaped Honduras Mahogany | 27.76 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0325 | LF | 1" x 7-1/2" Custom Shaped Honduras Mahogany | 31.28 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0326 | LF | 1" x 8-1/2" Custom Shaped Honduras Mahogany | 34.83 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.92* | |
| 06 46 36 00-0327 | LF | 1" x 9-1/2" Custom Shaped Honduras Mahogany | 38.32 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0328 | LF | 1" x 10-1/2" Custom Shaped Honduras Mahogany | 41.93 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.98* | |
| 06 46 36 00-0329 | LF | 1" x 11-1/2" Custom Shaped Honduras Mahogany | 45.98 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0330 | LF | 1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany | 11.42 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.74* | |
| 06 46 36 00-0331 | LF | 1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany | 15.65 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.76* | |
| 06 46 36 00-0332 | LF | 1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany | 19.84 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0333 | LF | 1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany | 24.06 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0334 | LF | 1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany | 28.35 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0335 | LF | 1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany | 32.68 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0336 | LF | 1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany | 36.85 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0337 | LF | 1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany | 41.10 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.94* | |
| 06 46 36 00-0338 | LF | 1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany | 44.31 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0339 | LF | 1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany | 49.60 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.00* | |
| 06 46 36 00-0340 | LF | 1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany | 53.81 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0341 | LF | 1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany | 14.25 | 0.95 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.75* | |
| 06 46 36 00-0342 | LF | 1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany | 19.83 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.78* | |
| 06 46 36 00-0343 | LF | 1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany | 25.40 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.80* | |
| 06 46 36 00-0344 | LF | 1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany | 30.98 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.82* | |
| 06 46 36 00-0345 | LF | 1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany | 36.58 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0346 | LF | 1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany | 42.33 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0347 | LF | 1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany | 47.90 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0348 | LF | 1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany | 53.51 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.96* | |
| 06 46 36 00-0349 | LF | 1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany | 59.05 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0350 | LF | 1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany | 64.73 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.02* | |
| 06 46 36 00-0351 | LF | 1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany | 70.45 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0352 | LF | 2" x 1-1/2" Custom Shaped Honduras Mahogany | 17.06 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.77* | |
| 06 46 36 00-0353 | LF | 2" x 2-1/2" Custom Shaped Honduras Mahogany | 24.02 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.79* | |
| 06 46 36 00-0354 | LF | 2" x 3-1/2" Custom Shaped Honduras Mahogany | 30.93 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0355 | LF | 2" x 4-1/2" Custom Shaped Honduras Mahogany | 37.98 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0356 | LF | 2" x 5-1/2" Custom Shaped Honduras Mahogany | 44.90 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0357 | LF | 2" x 6-1/2" Custom Shaped Honduras Mahogany | 52.03 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.93* | |
| 06 46 36 00-0358 | LF | 2" x 7-1/2" Custom Shaped Honduras Mahogany | 58.95 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0359 | LF | 2" x 8-1/2" Custom Shaped Honduras Mahogany | 65.99 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0360 | LF | 2" x 9-1/2" Custom Shaped Honduras Mahogany | 72.91 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0361 | LF | 2" x 10-1/2" Custom Shaped Honduras Mahogany | 79.88 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0362 | LF | 2" x 11-1/2" Custom Shaped Honduras Mahogany | 86.97 | 1.46 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.09* | |
| 06 46 36 00-0363 | LF | 2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany | 21.10 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.79* | |
| 06 46 36 00-0364 | LF | 2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany | 28.61 | 1.03 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.81* | |
| 06 46 36 00-0365 | LF | 2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany | 37.06 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.83* | |
| 06 46 36 00-0366 | LF | 2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany | 45.59 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.87* | |
| 06 46 36 00-0367 | LF | 2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany | 54.04 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0368 | LF | 2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany | 62.66 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.95* | |
| 06 46 36 00-0369 | LF | 2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany | 71.12 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0370 | LF | 2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany | 79.65 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.01* | |
| 06 46 36 00-0371 | LF | 2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany | 88.10 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0372 | LF | 2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany | 96.55 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |
| 06 46 36 00-0373 | LF | 2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany | 105.17 | 1.46 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.11* | |
| 06 46 36 00-0374 | LF | 3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany | 50.53 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.85* | |
| 06 46 36 00-0375 | LF | 3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany | 62.40 | 1.12 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.89* | |
| 06 46 36 00-0376 | LF | 3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany | 74.20 | 1.20 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.91* | |
| 06 46 36 00-0377 | LF | 3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany | 86.17 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.97* | |
| 06 46 36 00-0378 | LF | 3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany | 97.97 | 1.29 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.99* | |
| 06 46 36 00-0379 | LF | 3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany | 109.84 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.03* | |
| 06 46 36 00-0380 | LF | 3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany | 121.64 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.05* | |
| 06 46 36 00-0381 | LF | 3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany | 133.44 | 1.37 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.07* | |
| 06 46 36 00-0382 | LF | 3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany | 145.41 | 1.46 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *1.13* | |

### 06 46 36 00-0383 Maple *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0384 | LF | 3/4" x 1-1/2" Custom Shaped Maple | 6.00 | 0.95 |
| 06 46 36 00-0385 | LF | 3/4" x 2-1/2" Custom Shaped Maple | 7.58 | 0.95 |
| 06 46 36 00-0386 | LF | 3/4" x 3-1/2" Custom Shaped Maple | 9.17 | 0.95 |
| 06 46 36 00-0387 | LF | 3/4" x 4-1/2" Custom Shaped Maple | 10.75 | 1.03 |
| 06 46 36 00-0388 | LF | 3/4" x 5-1/2" Custom Shaped Maple | 12.43 | 1.03 |
| 06 46 36 00-0389 | LF | 3/4" x 6-1/2" Custom Shaped Maple | 14.11 | 1.12 |
| 06 46 36 00-0390 | LF | 3/4" x 7-1/2" Custom Shaped Maple | 15.67 | 1.12 |
| 06 46 36 00-0391 | LF | 3/4" x 8-1/2" Custom Shaped Maple | 17.28 | 1.12 |
| 06 46 36 00-0392 | LF | 3/4" x 9-1/2" Custom Shaped Maple | 18.82 | 1.20 |
| 06 46 36 00-0393 | LF | 3/4" x 10-1/2" Custom Shaped Maple | 20.53 | 1.29 |
| 06 46 36 00-0394 | LF | 3/4" x 11-1/2" Custom Shaped Maple | 22.14 | 1.29 |
| 06 46 36 00-0395 | LF | 1" x 1-1/2" Custom Shaped Maple | 7.20 | 0.95 |
| 06 46 36 00-0396 | LF | 1" x 2-1/2" Custom Shaped Maple | 9.30 | 0.95 |
| 06 46 36 00-0397 | LF | 1" x 3-1/2" Custom Shaped Maple | 11.43 | 1.03 |
| 06 46 36 00-0398 | LF | 1" x 4-1/2" Custom Shaped Maple | 13.58 | 1.03 |
| 06 46 36 00-0399 | LF | 1" x 5-1/2" Custom Shaped Maple | 15.81 | 1.12 |
| 06 46 36 00-0400 | LF | 1" x 6-1/2" Custom Shaped Maple | 18.00 | 1.12 |
| 06 46 36 00-0401 | LF | 1" x 7-1/2" Custom Shaped Maple | 20.13 | 1.12 |
| 06 46 36 00-0402 | LF | 1" x 8-1/2" Custom Shaped Maple | 22.29 | 1.20 |
| 06 46 36 00-0403 | LF | 1" x 9-1/2" Custom Shaped Maple | 24.38 | 1.20 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0404 | LF | 1" x 10-1/2" Custom Shaped Maple | 25.67 | 1.29 |
| 06 46 36 00-0405 | LF | 1" x 11-1/2" Custom Shaped Maple | 28.78 | 1.29 |
| 06 46 36 00-0406 | LF | 1-1/4" x 1-1/2" Custom Shaped Maple | 8.22 | 0.95 |
| 06 46 36 00-0407 | LF | 1-1/4" x 2-1/2" Custom Shaped Maple | 10.82 | 0.95 |
| 06 46 36 00-0408 | LF | 1-1/4" x 3-1/2" Custom Shaped Maple | 13.43 | 1.03 |
| 06 46 36 00-0409 | LF | 1-1/4" x 4-1/2" Custom Shaped Maple | 16.03 | 1.03 |
| 06 46 36 00-0410 | LF | 1-1/4" x 5-1/2" Custom Shaped Maple | 18.73 | 1.12 |
| 06 46 36 00-0411 | LF | 1-1/4" x 6-1/2" Custom Shaped Maple | 21.43 | 1.12 |
| 06 46 36 00-0412 | LF | 1-1/4" x 7-1/2" Custom Shaped Maple | 24.02 | 1.20 |
| 06 46 36 00-0413 | LF | 1-1/4" x 8-1/2" Custom Shaped Maple | 26.65 | 1.20 |
| 06 46 36 00-0414 | LF | 1-1/4" x 9-1/2" Custom Shaped Maple | 29.21 | 1.20 |
| 06 46 36 00-0415 | LF | 1-1/4" x 10-1/2" Custom Shaped Maple | 31.94 | 1.29 |
| 06 46 36 00-0416 | LF | 1-1/4" x 11-1/2" Custom Shaped Maple | 34.58 | 1.37 |
| 06 46 36 00-0417 | LF | 1-1/2" x 1-1/2" Custom Shaped Maple | 10.34 | 0.95 |
| 06 46 36 00-0418 | LF | 1-1/2" x 2-1/2" Custom Shaped Maple | 13.97 | 1.03 |
| 06 46 36 00-0419 | LF | 1-1/2" x 3-1/2" Custom Shaped Maple | 17.60 | 1.03 |
| 06 46 36 00-0420 | LF | 1-1/2" x 4-1/2" Custom Shaped Maple | 21.23 | 1.12 |
| 06 46 36 00-0421 | LF | 1-1/2" x 5-1/2" Custom Shaped Maple | 24.87 | 1.12 |
| 06 46 36 00-0422 | LF | 1-1/2" x 6-1/2" Custom Shaped Maple | 28.67 | 1.20 |
| 06 46 36 00-0423 | LF | 1-1/2" x 7-1/2" Custom Shaped Maple | 32.29 | 1.20 |
| 06 46 36 00-0424 | LF | 1-1/2" x 8-1/2" Custom Shaped Maple | 36.42 | 1.29 |
| 06 46 36 00-0425 | LF | 1-1/2" x 9-1/2" Custom Shaped Maple | 39.53 | 1.29 |
| 06 46 36 00-0426 | LF | 1-1/2" x 10-1/2" Custom Shaped Maple | 43.36 | 1.37 |
| 06 46 36 00-0427 | LF | 1-1/2" x 11-1/2" Custom Shaped Maple | 46.94 | 1.37 |
| 06 46 36 00-0428 | LF | 2" x 1-1/2" Custom Shaped Maple | 13.80 | 1.03 |
| 06 46 36 00-0429 | LF | 2" x 2-1/2" Custom Shaped Maple | 19.14 | 1.03 |
| 06 46 36 00-0430 | LF | 2" x 3-1/2" Custom Shaped Maple | 24.43 | 1.03 |
| 06 46 36 00-0431 | LF | 2" x 4-1/2" Custom Shaped Maple | 29.85 | 1.12 |
| 06 46 36 00-0432 | LF | 2" x 5-1/2" Custom Shaped Maple | 35.14 | 1.12 |
| 06 46 36 00-0433 | LF | 2" x 6-1/2" Custom Shaped Maple | 40.64 | 1.20 |
| 06 46 36 00-0434 | LF | 2" x 7-1/2" Custom Shaped Maple | 45.94 | 1.20 |
| 06 46 36 00-0435 | LF | 2" x 8-1/2" Custom Shaped Maple | 51.36 | 1.29 |
| 06 46 36 00-0436 | LF | 2" x 9-1/2" Custom Shaped Maple | 56.65 | 1.29 |
| 06 46 36 00-0437 | LF | 2" x 10-1/2" Custom Shaped Maple | 61.99 | 1.37 |
| 06 46 36 00-0438 | LF | 2" x 11-1/2" Custom Shaped Maple | 67.92 | 1.46 |
| 06 46 36 00-0439 | LF | 3-1/2" x 3-1/2" Custom Shaped Maple | 54.24 | 1.12 |
| 06 46 36 00-0440 | LF | 3-1/2" x 4-1/2" Custom Shaped Maple | 67.05 | 1.12 |
| 06 46 36 00-0441 | LF | 3-1/2" x 5-1/2" Custom Shaped Maple | 79.78 | 1.20 |
| 06 46 36 00-0442 | LF | 3-1/2" x 6-1/2" Custom Shaped Maple | 92.68 | 1.29 |
| 06 46 36 00-0443 | LF | 3-1/2" x 7-1/2" Custom Shaped Maple | 105.41 | 1.29 |
| 06 46 36 00-0444 | LF | 3-1/2" x 8-1/2" Custom Shaped Maple | 118.20 | 1.37 |
| 06 46 36 00-0445 | LF | 3-1/2" x 9-1/2" Custom Shaped Maple | 130.93 | 1.37 |
| 06 46 36 00-0446 | LF | 3-1/2" x 10-1/2" Custom Shaped Maple | 143.66 | 1.37 |
| 06 46 36 00-0447 | LF | 3-1/2" x 11-1/2" Custom Shaped Maple | 156.56 | 1.46 |

## 06 46 36 00-0448 Appl Soft Maple *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0449 | LF | 3/4" x 1-1/2" Custom Shaped Appl Soft Maple | 6.10 | 0.95 |
| 06 46 36 00-0450 | LF | 3/4" x 2-1/2" Custom Shaped Appl Soft Maple | 7.72 | 0.95 |
| 06 46 36 00-0451 | LF | 3/4" x 3-1/2" Custom Shaped Appl Soft Maple | 9.35 | 0.95 |
| 06 46 36 00-0452 | LF | 3/4" x 4-1/2" Custom Shaped Appl Soft Maple | 10.99 | 1.03 |
| 06 46 36 00-0453 | LF | 3/4" x 5-1/2" Custom Shaped Appl Soft Maple | 12.71 | 1.03 |
| 06 46 36 00-0454 | LF | 3/4" x 6-1/2" Custom Shaped Appl Soft Maple | 14.43 | 1.12 |
| 06 46 36 00-0455 | LF | 3/4" x 7-1/2" Custom Shaped Appl Soft Maple | 16.05 | 1.12 |
| 06 46 36 00-0456 | LF | 3/4" x 8-1/2" Custom Shaped Appl Soft Maple | 17.70 | 1.12 |
| 06 46 36 00-0457 | LF | 3/4" x 9-1/2" Custom Shaped Appl Soft Maple | 19.28 | 1.20 |
| 06 46 36 00-0458 | LF | 3/4" x 10-1/2" Custom Shaped Appl Soft Maple | 21.04 | 1.29 |
| 06 46 36 00-0459 | LF | 3/4" x 11-1/2" Custom Shaped Appl Soft Maple | 22.70 | 1.29 |
| 06 46 36 00-0460 | LF | 1" x 1-1/2" Custom Shaped Appl Soft Maple | 6.97 | 0.95 |
| 06 46 36 00-0461 | LF | 1" x 2-1/2" Custom Shaped Appl Soft Maple | 8.97 | 0.95 |
| 06 46 36 00-0462 | LF | 1" x 3-1/2" Custom Shaped Appl Soft Maple | 10.97 | 1.03 |
| 06 46 36 00-0463 | LF | 1" x 4-1/2" Custom Shaped Appl Soft Maple | 12.93 | 1.03 |
| 06 46 36 00-0464 | LF | 1" x 5-1/2" Custom Shaped Appl Soft Maple | 15.11 | 1.12 |
| 06 46 36 00-0465 | LF | 1" x 6-1/2" Custom Shaped Appl Soft Maple | 17.21 | 1.12 |
| 06 46 36 00-0466 | LF | 1" x 7-1/2" Custom Shaped Appl Soft Maple | 19.20 | 1.12 |
| 06 46 36 00-0467 | LF | 1" x 8-1/2" Custom Shaped Appl Soft Maple | 21.22 | 1.20 |
| 06 46 36 00-0468 | LF | 1" x 9-1/2" Custom Shaped Appl Soft Maple | 23.22 | 1.20 |
| 06 46 36 00-0469 | LF | 1" x 10-1/2" Custom Shaped Appl Soft Maple | 25.34 | 1.29 |
| 06 46 36 00-0470 | LF | 1" x 11-1/2" Custom Shaped Appl Soft Maple | 27.39 | 1.29 |
| 06 46 36 00-0471 | LF | 1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple | 7.80 | 0.95 |
| 06 46 36 00-0472 | LF | 1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple | 10.21 | 0.95 |
| 06 46 36 00-0473 | LF | 1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple | 12.59 | 1.03 |
| 06 46 36 00-0474 | LF | 1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple | 15.00 | 1.03 |
| 06 46 36 00-0475 | LF | 1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple | 17.48 | 1.12 |
| 06 46 36 00-0476 | LF | 1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple | 19.99 | 1.12 |
| 06 46 36 00-0477 | LF | 1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple | 22.35 | 1.20 |
| 06 46 36 00-0478 | LF | 1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple | 24.79 | 1.20 |
| 06 46 36 00-0479 | LF | 1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple | 27.12 | 1.20 |
| 06 46 36 00-0480 | LF | 1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple | 29.66 | 1.29 |
| 06 46 36 00-0481 | LF | 1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple | 32.07 | 1.37 |
| 06 46 36 00-0482 | LF | 1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple | 9.41 | 0.95 |
| 06 46 36 00-0483 | LF | 1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple | 12.58 | 1.03 |
| 06 46 36 00-0484 | LF | 1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple | 15.74 | 1.03 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0485 | LF | 1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple | 18.90 | 1.12 |
| 06 46 36 00-0486 | LF | 1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple | 22.08 | 1.12 |
| 06 46 36 00-0487 | LF | 1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple | 25.42 | 1.20 |
| 06 46 36 00-0488 | LF | 1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple | 28.57 | 1.20 |
| 06 46 36 00-0489 | LF | 1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple | 31.77 | 1.29 |
| 06 46 36 00-0490 | LF | 1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple | 34.89 | 1.29 |
| 06 46 36 00-0491 | LF | 1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple | 38.15 | 1.37 |
| 06 46 36 00-0492 | LF | 1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple | 41.36 | 1.37 |
| **06 46 36 00-0493** | | **Red Oak** *(06 46 36)* | | |
| 06 46 36 00-0494 | LF | 3/4" x 1-1/2" Custom Shaped Red Oak | 6.56 | 0.95 |
| 06 46 36 00-0495 | LF | 3/4" x 2-1/2" Custom Shaped Red Oak | 8.42 | 0.95 |
| 06 46 36 00-0496 | LF | 3/4" x 3-1/2" Custom Shaped Red Oak | 10.28 | 0.95 |
| 06 46 36 00-0497 | LF | 3/4" x 4-1/2" Custom Shaped Red Oak | 12.15 | 1.03 |
| 06 46 36 00-0498 | LF | 3/4" x 5-1/2" Custom Shaped Red Oak | 14.10 | 1.03 |
| 06 46 36 00-0499 | LF | 3/4" x 6-1/2" Custom Shaped Red Oak | 16.06 | 1.12 |
| 06 46 36 00-0500 | LF | 3/4" x 7-1/2" Custom Shaped Red Oak | 17.91 | 1.12 |
| 06 46 36 00-0501 | LF | 3/4" x 8-1/2" Custom Shaped Red Oak | 19.79 | 1.12 |
| 06 46 36 00-0502 | LF | 3/4" x 9-1/2" Custom Shaped Red Oak | 21.61 | 1.20 |
| 06 46 36 00-0503 | LF | 3/4" x 10-1/2" Custom Shaped Red Oak | 23.59 | 1.29 |
| 06 46 36 00-0504 | LF | 3/4" x 11-1/2" Custom Shaped Red Oak | 25.49 | 1.29 |
| 06 46 36 00-0505 | LF | 1" x 1-1/2" Custom Shaped Red Oak | 7.99 | 0.95 |
| 06 46 36 00-0506 | LF | 1" x 2-1/2" Custom Shaped Red Oak | 10.55 | 0.95 |
| 06 46 36 00-0507 | LF | 1" x 3-1/2" Custom Shaped Red Oak | 13.06 | 1.03 |
| 06 46 36 00-0508 | LF | 1" x 4-1/2" Custom Shaped Red Oak | 16.55 | 1.03 |
| 06 46 36 00-0509 | LF | 1" x 5-1/2" Custom Shaped Red Oak | 18.23 | 1.12 |
| 06 46 36 00-0510 | LF | 1" x 6-1/2" Custom Shaped Red Oak | 20.88 | 1.12 |
| 06 46 36 00-0511 | LF | 1" x 7-1/2" Custom Shaped Red Oak | 23.38 | 1.12 |
| 06 46 36 00-0512 | LF | 1" x 8-1/2" Custom Shaped Red Oak | 25.91 | 1.20 |
| 06 46 36 00-0513 | LF | 1" x 9-1/2" Custom Shaped Red Oak | 28.42 | 1.20 |
| 06 46 36 00-0514 | LF | 1" x 10-1/2" Custom Shaped Red Oak | 31.11 | 1.29 |
| 06 46 36 00-0515 | LF | 1" x 11-1/2" Custom Shaped Red Oak | 33.66 | 1.29 |
| 06 46 36 00-0516 | LF | 1-1/4" x 1-1/2" Custom Shaped Red Oak | 10.03 | 0.95 |
| 06 46 36 00-0517 | LF | 1-1/4" x 2-1/2" Custom Shaped Red Oak | 13.56 | 0.95 |
| 06 46 36 00-0518 | LF | 1-1/4" x 3-1/2" Custom Shaped Red Oak | 17.05 | 1.03 |
| 06 46 36 00-0519 | LF | 1-1/4" x 4-1/2" Custom Shaped Red Oak | 20.58 | 1.03 |
| 06 46 36 00-0520 | LF | 1-1/4" x 5-1/2" Custom Shaped Red Oak | 24.17 | 1.12 |
| 06 46 36 00-0521 | LF | 1-1/4" x 6-1/2" Custom Shaped Red Oak | 27.80 | 1.12 |
| 06 46 36 00-0522 | LF | 1-1/4" x 7-1/2" Custom Shaped Red Oak | 31.27 | 1.20 |
| 06 46 36 00-0523 | LF | 1-1/4" x 8-1/2" Custom Shaped Red Oak | 34.83 | 1.20 |
| 06 46 36 00-0524 | LF | 1-1/4" x 9-1/2" Custom Shaped Red Oak | 38.27 | 1.20 |
| 06 46 36 00-0525 | LF | 1-1/4" x 10-1/2" Custom Shaped Red Oak | 41.93 | 1.29 |
| 06 46 36 00-0526 | LF | 1-1/4" x 11-1/2" Custom Shaped Red Oak | 45.45 | 1.37 |
| 06 46 36 00-0527 | LF | 1-1/2" x 1-1/2" Custom Shaped Red Oak | 14.25 | 0.95 |
| 06 46 36 00-0528 | LF | 1-1/2" x 2-1/2" Custom Shaped Red Oak | 19.83 | 1.03 |
| 06 46 36 00-0529 | LF | 1-1/2" x 3-1/2" Custom Shaped Red Oak | 25.40 | 1.03 |
| 06 46 36 00-0530 | LF | 1-1/2" x 4-1/2" Custom Shaped Red Oak | 30.98 | 1.03 |
| 06 46 36 00-0531 | LF | 1-1/2" x 5-1/2" Custom Shaped Red Oak | 36.58 | 1.12 |
| 06 46 36 00-0532 | LF | 1-1/2" x 6-1/2" Custom Shaped Red Oak | 42.42 | 1.20 |
| 06 46 36 00-0533 | LF | 1-1/2" x 7-1/2" Custom Shaped Red Oak | 47.90 | 1.20 |
| 06 46 36 00-0534 | LF | 1-1/2" x 8-1/2" Custom Shaped Red Oak | 54.44 | 1.29 |
| 06 46 36 00-0535 | LF | 1-1/2" x 9-1/2" Custom Shaped Red Oak | 59.05 | 1.29 |
| 06 46 36 00-0536 | LF | 1-1/2" x 10-1/2" Custom Shaped Red Oak | 64.73 | 1.29 |
| 06 46 36 00-0537 | LF | 1-1/2" x 11-1/2" Custom Shaped Red Oak | 70.35 | 1.37 |
| 06 46 36 00-0538 | LF | 2" x 1-1/2" Custom Shaped Red Oak | 22.17 | 1.03 |
| 06 46 36 00-0539 | LF | 2" x 2-1/2" Custom Shaped Red Oak | 31.69 | 1.03 |
| 06 46 36 00-0540 | LF | 2" x 3-1/2" Custom Shaped Red Oak | 41.16 | 1.03 |
| 06 46 36 00-0541 | LF | 2" x 4-1/2" Custom Shaped Red Oak | 50.76 | 1.12 |
| 06 46 36 00-0542 | LF | 2" x 5-1/2" Custom Shaped Red Oak | 60.23 | 1.12 |
| 06 46 36 00-0543 | LF | 2" x 6-1/2" Custom Shaped Red Oak | 69.92 | 1.20 |
| 06 46 36 00-0544 | LF | 2" x 7-1/2" Custom Shaped Red Oak | 79.39 | 1.20 |
| 06 46 36 00-0545 | LF | 2" x 8-1/2" Custom Shaped Red Oak | 88.99 | 1.29 |
| 06 46 36 00-0546 | LF | 2" x 9-1/2" Custom Shaped Red Oak | 98.47 | 1.29 |
| 06 46 36 00-0547 | LF | 2" x 10-1/2" Custom Shaped Red Oak | 107.99 | 1.37 |
| 06 46 36 00-0548 | LF | 2" x 11-1/2" Custom Shaped Red Oak | 117.64 | 1.46 |
| **06 46 36 00-0549** | | **White Oak** *(06 46 36)* | | |
| 06 46 36 00-0550 | LF | 3/4" x 1-1/2" Custom Shaped White Oak | 6.65 | 0.95 |
| 06 46 36 00-0551 | LF | 3/4" x 2-1/2" Custom Shaped White Oak | 8.56 | 0.95 |
| 06 46 36 00-0552 | LF | 3/4" x 3-1/2" Custom Shaped White Oak | 10.47 | 0.95 |
| 06 46 36 00-0553 | LF | 3/4" x 4-1/2" Custom Shaped White Oak | 12.38 | 1.03 |
| 06 46 36 00-0554 | LF | 3/4" x 5-1/2" Custom Shaped White Oak | 14.38 | 1.03 |
| 06 46 36 00-0555 | LF | 3/4" x 6-1/2" Custom Shaped White Oak | 16.38 | 1.12 |
| 06 46 36 00-0556 | LF | 3/4" x 7-1/2" Custom Shaped White Oak | 18.28 | 1.12 |
| 06 46 36 00-0557 | LF | 3/4" x 8-1/2" Custom Shaped White Oak | 20.21 | 1.12 |
| 06 46 36 00-0558 | LF | 3/4" x 9-1/2" Custom Shaped White Oak | 22.07 | 1.20 |
| 06 46 36 00-0559 | LF | 3/4" x 10-1/2" Custom Shaped White Oak | 24.10 | 1.29 |
| 06 46 36 00-0560 | LF | 3/4" x 11-1/2" Custom Shaped White Oak | 26.05 | 1.29 |
| 06 46 36 00-0561 | LF | 1" x 1-1/2" Custom Shaped White Oak | 7.99 | 0.95 |
| 06 46 36 00-0562 | LF | 1" x 2-1/2" Custom Shaped White Oak | 10.55 | 0.95 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0563 | LF | 1" x 3-1/2" Custom Shaped White Oak | 13.06 | 1.03 |
| 06 46 36 00-0564 | LF | 1" x 4-1/2" Custom Shaped White Oak | 16.55 | 1.03 |
| 06 46 36 00-0565 | LF | 1" x 5-1/2" Custom Shaped White Oak | 18.23 | 1.12 |
| 06 46 36 00-0566 | LF | 1" x 6-1/2" Custom Shaped White Oak | 20.88 | 1.12 |
| 06 46 36 00-0567 | LF | 1" x 7-1/2" Custom Shaped White Oak | 23.38 | 1.12 |
| 06 46 36 00-0568 | LF | 1" x 8-1/2" Custom Shaped White Oak | 25.91 | 1.20 |
| 06 46 36 00-0569 | LF | 1" x 9-1/2" Custom Shaped White Oak | 28.42 | 1.20 |
| 06 46 36 00-0570 | LF | 1" x 10-1/2" Custom Shaped White Oak | 31.11 | 1.29 |
| 06 46 36 00-0571 | LF | 1" x 11-1/2" Custom Shaped White Oak | 33.66 | 1.29 |
| 06 46 36 00-0572 | LF | 1-1/4" x 1-1/2" Custom Shaped White Oak | 10.17 | 0.95 |
| 06 46 36 00-0573 | LF | 1-1/4" x 2-1/2" Custom Shaped White Oak | 13.74 | 0.95 |
| 06 46 36 00-0574 | LF | 1-1/4" x 3-1/2" Custom Shaped White Oak | 17.33 | 1.03 |
| 06 46 36 00-0575 | LF | 1-1/4" x 4-1/2" Custom Shaped White Oak | 20.90 | 1.03 |
| 06 46 36 00-0576 | LF | 1-1/4" x 5-1/2" Custom Shaped White Oak | 24.59 | 1.12 |
| 06 46 36 00-0577 | LF | 1-1/4" x 6-1/2" Custom Shaped White Oak | 28.26 | 1.12 |
| 06 46 36 00-0578 | LF | 1-1/4" x 7-1/2" Custom Shaped White Oak | 31.83 | 1.20 |
| 06 46 36 00-0579 | LF | 1-1/4" x 8-1/2" Custom Shaped White Oak | 35.43 | 1.20 |
| 06 46 36 00-0580 | LF | 1-1/4" x 9-1/2" Custom Shaped White Oak | 38.97 | 1.20 |
| 06 46 36 00-0581 | LF | 1-1/4" x 10-1/2" Custom Shaped White Oak | 42.67 | 1.29 |
| 06 46 36 00-0582 | LF | 1-1/4" x 11-1/2" Custom Shaped White Oak | 46.29 | 1.37 |
| 06 46 36 00-0583 | LF | 1-1/2" x 1-1/2" Custom Shaped White Oak | 17.03 | 0.95 |
| 06 46 36 00-0584 | LF | 1-1/2" x 2-1/2" Custom Shaped White Oak | 24.01 | 1.03 |
| 06 46 36 00-0585 | LF | 1-1/2" x 3-1/2" Custom Shaped White Oak | 30.98 | 1.03 |
| 06 46 36 00-0586 | LF | 1-1/2" x 4-1/2" Custom Shaped White Oak | 37.95 | 1.12 |
| 06 46 36 00-0587 | LF | 1-1/2" x 5-1/2" Custom Shaped White Oak | 44.94 | 1.12 |
| 06 46 36 00-0588 | LF | 1-1/2" x 6-1/2" Custom Shaped White Oak | 52.09 | 1.20 |
| 06 46 36 00-0589 | LF | 1-1/2" x 7-1/2" Custom Shaped White Oak | 59.05 | 1.20 |
| 06 46 36 00-0590 | LF | 1-1/2" x 8-1/2" Custom Shaped White Oak | 66.06 | 1.29 |
| 06 46 36 00-0591 | LF | 1-1/2" x 9-1/2" Custom Shaped White Oak | 72.06 | 1.29 |
| 06 46 36 00-0592 | LF | 1-1/2" x 10-1/2" Custom Shaped White Oak | 80.06 | 1.37 |
| 06 46 36 00-0593 | LF | 1-1/2" x 11-1/2" Custom Shaped White Oak | 87.08 | 1.37 |
| **06 46 36 00-0594** | | **White Pine** *(06 46 36)* | | |
| 06 46 36 00-0595 | LF | 3/4" x 1-1/2" Custom Shaped White Pine | 7.49 | 0.95 |
| 06 46 36 00-0596 | LF | 3/4" x 2-1/2" Custom Shaped White Pine | 9.81 | 0.95 |
| 06 46 36 00-0597 | LF | 3/4" x 3-1/2" Custom Shaped White Pine | 12.14 | 0.95 |
| 06 46 36 00-0598 | LF | 3/4" x 4-1/2" Custom Shaped White Pine | 14.47 | 1.03 |
| 06 46 36 00-0599 | LF | 3/4" x 5-1/2" Custom Shaped White Pine | 16.89 | 1.03 |
| 06 46 36 00-0600 | LF | 3/4" x 6-1/2" Custom Shaped White Pine | 19.31 | 1.12 |
| 06 46 36 00-0601 | LF | 3/4" x 7-1/2" Custom Shaped White Pine | 21.62 | 1.12 |
| 06 46 36 00-0602 | LF | 3/4" x 8-1/2" Custom Shaped White Pine | 23.97 | 1.12 |
| 06 46 36 00-0603 | LF | 3/4" x 9-1/2" Custom Shaped White Pine | 27.65 | 1.20 |
| 06 46 36 00-0604 | LF | 3/4" x 10-1/2" Custom Shaped White Pine | 30.24 | 1.29 |
| 06 46 36 00-0605 | LF | 1" x 1-1/2" Custom Shaped White Pine | 8.45 | 0.95 |
| 06 46 36 00-0606 | LF | 1" x 2-1/2" Custom Shaped White Pine | 11.25 | 0.95 |
| 06 46 36 00-0607 | LF | 1" x 3-1/2" Custom Shaped White Pine | 13.99 | 1.03 |
| 06 46 36 00-0608 | LF | 1" x 4-1/2" Custom Shaped White Pine | 16.78 | 1.03 |
| 06 46 36 00-0609 | LF | 1" x 5-1/2" Custom Shaped White Pine | 19.62 | 1.12 |
| 06 46 36 00-0610 | LF | 1" x 6-1/2" Custom Shaped White Pine | 22.50 | 1.12 |
| 06 46 36 00-0611 | LF | 1" x 7-1/2" Custom Shaped White Pine | 25.24 | 1.12 |
| 06 46 36 00-0612 | LF | 1" x 8-1/2" Custom Shaped White Pine | 28.05 | 1.20 |
| 06 46 36 00-0613 | LF | 1" x 9-1/2" Custom Shaped White Pine | 30.75 | 1.20 |
| 06 46 36 00-0614 | LF | 1" x 10-1/2" Custom Shaped White Pine | 33.66 | 1.29 |
| 06 46 36 00-0615 | LF | 1" x 11-1/2" Custom Shaped White Pine | 36.45 | 1.29 |
| 06 46 36 00-0616 | LF | 1-1/4" x 1-1/2" Custom Shaped White Pine | 9.61 | 0.95 |
| 06 46 36 00-0617 | LF | 1-1/4" x 2-1/2" Custom Shaped White Pine | 12.91 | 0.95 |
| 06 46 36 00-0618 | LF | 1-1/4" x 3-1/2" Custom Shaped White Pine | 16.31 | 1.03 |
| 06 46 36 00-0619 | LF | 1-1/4" x 4-1/2" Custom Shaped White Pine | 19.51 | 1.03 |
| 06 46 36 00-0620 | LF | 1-1/4" x 5-1/2" Custom Shaped White Pine | 22.92 | 1.12 |
| 06 46 36 00-0621 | LF | 1-1/4" x 6-1/2" Custom Shaped White Pine | 26.31 | 1.12 |
| 06 46 36 00-0622 | LF | 1-1/4" x 7-1/2" Custom Shaped White Pine | 29.60 | 1.20 |
| 06 46 36 00-0623 | LF | 1-1/4" x 8-1/2" Custom Shaped White Pine | 32.92 | 1.20 |
| 06 46 36 00-0624 | LF | 1-1/4" x 9-1/2" Custom Shaped White Pine | 36.18 | 1.20 |
| 06 46 36 00-0625 | LF | 1-1/4" x 10-1/2" Custom Shaped White Pine | 39.61 | 1.29 |
| 06 46 36 00-0626 | LF | 1-1/4" x 11-1/2" Custom Shaped White Pine | 42.94 | 1.37 |
| 06 46 36 00-0627 | LF | 1-1/2" x 1-1/2" Custom Shaped White Pine | 12.20 | 0.95 |
| 06 46 36 00-0628 | LF | 1-1/2" x 2-1/2" Custom Shaped White Pine | 16.76 | 1.03 |
| 06 46 36 00-0629 | LF | 1-1/2" x 3-1/2" Custom Shaped White Pine | 21.31 | 1.03 |
| 06 46 36 00-0630 | LF | 1-1/2" x 4-1/2" Custom Shaped White Pine | 25.87 | 1.12 |
| 06 46 36 00-0631 | LF | 1-1/2" x 5-1/2" Custom Shaped White Pine | 30.44 | 1.12 |
| 06 46 36 00-0632 | LF | 1-1/2" x 6-1/2" Custom Shaped White Pine | 35.17 | 1.20 |
| 06 46 36 00-0633 | LF | 1-1/2" x 7-1/2" Custom Shaped White Pine | 39.72 | 1.20 |
| 06 46 36 00-0634 | LF | 1-1/2" x 8-1/2" Custom Shaped White Pine | 44.31 | 1.29 |
| 06 46 36 00-0635 | LF | 1-1/2" x 9-1/2" Custom Shaped White Pine | 49.75 | 1.29 |
| 06 46 36 00-0636 | LF | 1-1/2" x 10-1/2" Custom Shaped White Pine | 53.49 | 1.37 |
| 06 46 36 00-0637 | LF | 1-1/2" x 11-1/2" Custom Shaped White Pine | 58.09 | 1.37 |
| 06 46 36 00-0638 | LF | 2" x 1-1/2" Custom Shaped White Pine | 19.15 | 1.03 |
| 06 46 36 00-0639 | LF | 2" x 2-1/2" Custom Shaped White Pine | 27.14 | 1.03 |
| 06 46 36 00-0640 | LF | 2" x 3-1/2" Custom Shaped White Pine | 35.12 | 1.03 |
| 06 46 36 00-0641 | LF | 2" x 4-1/2" Custom Shaped White Pine | 43.18 | 1.12 |
| 06 46 36 00-0642 | LF | 2" x 5-1/2" Custom Shaped White Pine | 51.17 | 1.12 |
| 06 46 36 00-0643 | LF | 2" x 6-1/2" Custom Shaped White Pine | 59.32 | 1.20 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0644 | LF | 2" x 7-1/2" Custom Shaped White Pine | 67.31 | 1.20 |
| 06 46 36 00-0645 | LF | 2" x 8-1/2" Custom Shaped White Pine | 75.38 | 1.29 |
| 06 46 36 00-0646 | LF | 2" x 9-1/2" Custom Shaped White Pine | 83.37 | 1.29 |
| 06 46 36 00-0647 | LF | 2" x 10-1/2" Custom Shaped White Pine | 91.36 | 1.37 |
| 06 46 36 00-0648 | LF | 2" x 11-1/2" Custom Shaped White Pine | 99.52 | 1.46 |
| 06 46 36 00-0649 | LF | 2-1/2" x 1-1/2" Custom Shaped White Pine | 22.95 | 1.03 |
| 06 46 36 00-0650 | LF | 2-1/2" x 2-1/2" Custom Shaped White Pine | 32.79 | 1.03 |
| 06 46 36 00-0651 | LF | 2-1/2" x 3-1/2" Custom Shaped White Pine | 42.64 | 1.12 |
| 06 46 36 00-0652 | LF | 2-1/2" x 4-1/2" Custom Shaped White Pine | 52.56 | 1.12 |
| 06 46 36 00-0653 | LF | 2-1/2" x 5-1/2" Custom Shaped White Pine | 62.40 | 1.12 |
| 06 46 36 00-0654 | LF | 2-1/2" x 6-1/2" Custom Shaped White Pine | 72.42 | 1.20 |
| 06 46 36 00-0655 | LF | 2-1/2" x 7-1/2" Custom Shaped White Pine | 82.27 | 1.29 |
| 06 46 36 00-0656 | LF | 2-1/2" x 8-1/2" Custom Shaped White Pine | 92.20 | 1.29 |
| 06 46 36 00-0657 | LF | 2-1/2" x 9-1/2" Custom Shaped White Pine | 102.03 | 1.37 |
| 06 46 36 00-0658 | LF | 2-1/2" x 10-1/2" Custom Shaped White Pine | 111.88 | 1.37 |
| 06 46 36 00-0659 | LF | 2-1/2" x 11-1/2" Custom Shaped White Pine | 121.90 | 1.46 |
| 06 46 36 00-0660 | LF | 3-1/2" x 3-1/2" Custom Shaped White Pine | 59.45 | 1.12 |
| 06 46 36 00-0661 | LF | 3-1/2" x 4-1/2" Custom Shaped White Pine | 73.56 | 1.12 |
| 06 46 36 00-0662 | LF | 3-1/2" x 5-1/2" Custom Shaped White Pine | 87.59 | 1.20 |
| 06 46 36 00-0663 | LF | 3-1/2" x 6-1/2" Custom Shaped White Pine | 101.78 | 1.29 |
| 06 46 36 00-0664 | LF | 3-1/2" x 7-1/2" Custom Shaped White Pine | 115.81 | 1.29 |
| 06 46 36 00-0665 | LF | 3-1/2" x 8-1/2" Custom Shaped White Pine | 129.91 | 1.37 |
| 06 46 36 00-0666 | LF | 3-1/2" x 9-1/2" Custom Shaped White Pine | 143.94 | 1.37 |
| 06 46 36 00-0667 | LF | 3-1/2" x 10-1/2" Custom Shaped White Pine | 157.97 | 1.37 |
| 06 46 36 00-0668 | LF | 3-1/2" x 11-1/2" Custom Shaped White Pine | 172.17 | 1.46 |
| **06 46 36 00-0669** | | **Clear Yellow Pine** *(06 46 36)* | | |
| 06 46 36 00-0670 | LF | 3/4" x 1-1/2" Custom Shaped "C" Y Pine | 4.89 | 0.95 |
| 06 46 36 00-0671 | LF | 3/4" x 2-1/2" Custom Shaped "C" Y Pine | 5.91 | 0.95 |
| 06 46 36 00-0672 | LF | 3/4" x 3-1/2" Custom Shaped "C" Y Pine | 6.94 | 0.95 |
| 06 46 36 00-0673 | LF | 3/4" x 4-1/2" Custom Shaped "C" Y Pine | 7.97 | 1.03 |
| 06 46 36 00-0674 | LF | 3/4" x 5-1/2" Custom Shaped "C" Y Pine | 9.09 | 1.03 |
| 06 46 36 00-0675 | LF | 3/4" x 6-1/2" Custom Shaped "C" Y Pine | 10.20 | 1.12 |
| 06 46 36 00-0676 | LF | 3/4" x 7-1/2" Custom Shaped "C" Y Pine | 11.21 | 1.12 |
| 06 46 36 00-0677 | LF | 3/4" x 8-1/2" Custom Shaped "C" Y Pine | 12.26 | 1.12 |
| 06 46 36 00-0678 | LF | 1" x 1-1/2" Custom Shaped "C" Y Pine | 5.67 | 0.95 |
| 06 46 36 00-0679 | LF | 1" x 2-1/2" Custom Shaped "C" Y Pine | 7.07 | 0.95 |
| 06 46 36 00-0680 | LF | 1" x 3-1/2" Custom Shaped "C" Y Pine | 8.41 | 1.03 |
| 06 46 36 00-0681 | LF | 1" x 4-1/2" Custom Shaped "C" Y Pine | 9.81 | 1.03 |
| 06 46 36 00-0682 | LF | 1" x 5-1/2" Custom Shaped "C" Y Pine | 11.26 | 1.12 |
| 06 46 36 00-0683 | LF | 1" x 6-1/2" Custom Shaped "C" Y Pine | 12.75 | 1.12 |
| 06 46 36 00-0684 | LF | 1" x 7-1/2" Custom Shaped "C" Y Pine | 14.56 | 1.12 |
| 06 46 36 00-0685 | LF | 1" x 8-1/2" Custom Shaped "C" Y Pine | 16.01 | 1.20 |
| 06 46 36 00-0686 | LF | 1-1/2" x 1-1/2" Custom Shaped "C" Y Pine | 6.63 | 0.95 |
| 06 46 36 00-0687 | LF | 1-1/2" x 2-1/2" Custom Shaped "C" Y Pine | 8.40 | 1.03 |
| 06 46 36 00-0688 | LF | 1-1/2" x 3-1/2" Custom Shaped "C" Y Pine | 10.16 | 1.03 |
| 06 46 36 00-0689 | LF | 1-1/2" x 4-1/2" Custom Shaped "C" Y Pine | 11.93 | 1.12 |
| 06 46 36 00-0690 | LF | 1-1/2" x 5-1/2" Custom Shaped "C" Y Pine | 13.72 | 1.12 |
| 06 46 36 00-0691 | LF | 1-1/2" x 6-1/2" Custom Shaped "C" Y Pine | 15.66 | 1.20 |
| 06 46 36 00-0692 | LF | 1-1/2" x 7-1/2" Custom Shaped "C" Y Pine | 17.42 | 1.20 |
| 06 46 36 00-0693 | LF | 1-1/2" x 8-1/2" Custom Shaped "C" Y Pine | 19.22 | 1.29 |
| 06 46 36 00-0694 | LF | 1-1/2" x 9-1/2" Custom Shaped "C" Y Pine | 22.34 | 1.29 |
| 06 46 36 00-0695 | LF | 1-1/2" x 10-1/2" Custom Shaped "C" Y Pine | 23.01 | 1.37 |
| **06 46 36 00-0696** | | **Poplar** *(06 46 36)* | | |
| 06 46 36 00-0697 | LF | 3/4" x 1-1/2" Custom Shaped Poplar | 5.17 | 0.95 |
| 06 46 36 00-0698 | LF | 3/4" x 2-1/2" Custom Shaped Poplar | 6.33 | 0.95 |
| 06 46 36 00-0699 | LF | 3/4" x 3-1/2" Custom Shaped Poplar | 7.49 | 0.95 |
| 06 46 36 00-0700 | LF | 3/4" x 4-1/2" Custom Shaped Poplar | 8.66 | 1.03 |
| 06 46 36 00-0701 | LF | 3/4" x 5-1/2" Custom Shaped Poplar | 9.92 | 1.03 |
| 06 46 36 00-0702 | LF | 3/4" x 6-1/2" Custom Shaped Poplar | 11.18 | 1.12 |
| 06 46 36 00-0703 | LF | 3/4" x 7-1/2" Custom Shaped Poplar | 12.33 | 1.12 |
| 06 46 36 00-0704 | LF | 3/4" x 8-1/2" Custom Shaped Poplar | 13.52 | 1.12 |
| 06 46 36 00-0705 | LF | 3/4" x 9-1/2" Custom Shaped Poplar | 14.64 | 1.20 |
| 06 46 36 00-0706 | LF | 3/4" x 10-1/2" Custom Shaped Poplar | 15.93 | 1.29 |
| 06 46 36 00-0707 | LF | 3/4" x 11-1/2" Custom Shaped Poplar | 17.22 | 1.29 |
| 06 46 36 00-0708 | LF | 1" x 1-1/2" Custom Shaped Poplar | 6.04 | 0.95 |
| 06 46 36 00-0709 | LF | 1" x 2-1/2" Custom Shaped Poplar | 7.58 | 0.95 |
| 06 46 36 00-0710 | LF | 1" x 3-1/2" Custom Shaped Poplar | 9.11 | 1.03 |
| 06 46 36 00-0711 | LF | 1" x 4-1/2" Custom Shaped Poplar | 10.65 | 1.03 |
| 06 46 36 00-0712 | LF | 1" x 5-1/2" Custom Shaped Poplar | 12.33 | 1.12 |
| 06 46 36 00-0713 | LF | 1" x 6-1/2" Custom Shaped Poplar | 13.96 | 1.12 |
| 06 46 36 00-0714 | LF | 1" x 7-1/2" Custom Shaped Poplar | 15.49 | 1.12 |
| 06 46 36 00-0715 | LF | 1" x 8-1/2" Custom Shaped Poplar | 17.04 | 1.20 |
| 06 46 36 00-0716 | LF | 1" x 9-1/2" Custom Shaped Poplar | 18.57 | 1.20 |
| 06 46 36 00-0717 | LF | 1" x 10-1/2" Custom Shaped Poplar | 20.23 | 1.29 |
| 06 46 36 00-0718 | LF | 1" x 11-1/2" Custom Shaped Poplar | 21.81 | 1.29 |
| 06 46 36 00-0719 | LF | 1-1/4" x 1-1/2" Custom Shaped Poplar | 6.82 | 0.95 |
| 06 46 36 00-0720 | LF | 1-1/4" x 2-1/2" Custom Shaped Poplar | 8.73 | 0.95 |
| 06 46 36 00-0721 | LF | 1-1/4" x 3-1/2" Custom Shaped Poplar | 10.64 | 1.03 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0722 | LF | 1-1/4" x 4-1/2" Custom Shaped Poplar | 12.54 | 1.03 |
| 06 46 36 00-0723 | LF | 1-1/4" x 5-1/2" Custom Shaped Poplar | 14.55 | 1.12 |
| 06 46 36 00-0724 | LF | 1-1/4" x 6-1/2" Custom Shaped Poplar | 16.55 | 1.12 |
| 06 46 36 00-0725 | LF | 1-1/4" x 7-1/2" Custom Shaped Poplar | 18.45 | 1.20 |
| 06 46 36 00-0726 | LF | 1-1/4" x 8-1/2" Custom Shaped Poplar | 20.38 | 1.20 |
| 06 46 36 00-0727 | LF | 1-1/4" x 9-1/2" Custom Shaped Poplar | 22.24 | 1.20 |
| 06 46 36 00-0728 | LF | 1-1/4" x 10-1/2" Custom Shaped Poplar | 24.27 | 1.29 |
| 06 46 36 00-0729 | LF | 1-1/4" x 11-1/2" Custom Shaped Poplar | 26.22 | 1.37 |
| 06 46 36 00-0730 | LF | 1-1/2" x 1-1/2" Custom Shaped Poplar | 8.67 | 0.95 |
| 06 46 36 00-0731 | LF | 1-1/2" x 2-1/2" Custom Shaped Poplar | 11.46 | 1.03 |
| 06 46 36 00-0732 | LF | 1-1/2" x 3-1/2" Custom Shaped Poplar | 14.25 | 1.03 |
| 06 46 36 00-0733 | LF | 1-1/2" x 4-1/2" Custom Shaped Poplar | 17.04 | 1.12 |
| 06 46 36 00-0734 | LF | 1-1/2" x 5-1/2" Custom Shaped Poplar | 19.85 | 1.12 |
| 06 46 36 00-0735 | LF | 1-1/2" x 6-1/2" Custom Shaped Poplar | 22.81 | 1.20 |
| 06 46 36 00-0736 | LF | 1-1/2" x 7-1/2" Custom Shaped Poplar | 25.60 | 1.20 |
| 06 46 36 00-0737 | LF | 1-1/2" x 8-1/2" Custom Shaped Poplar | 28.42 | 1.29 |
| 06 46 36 00-0738 | LF | 1-1/2" x 9-1/2" Custom Shaped Poplar | 31.17 | 1.29 |
| 06 46 36 00-0739 | LF | 1-1/2" x 10-1/2" Custom Shaped Poplar | 34.06 | 1.37 |
| 06 46 36 00-0740 | LF | 1-1/2" x 11-1/2" Custom Shaped Poplar | 36.90 | 1.37 |
| 06 46 36 00-0741 | LF | 2" x 1-1/2" Custom Shaped Poplar | 11.48 | 1.03 |
| 06 46 36 00-0742 | LF | 2" x 2-1/2" Custom Shaped Poplar | 15.66 | 1.03 |
| 06 46 36 00-0743 | LF | 2" x 3-1/2" Custom Shaped Poplar | 19.78 | 1.03 |
| 06 46 36 00-0744 | LF | 2" x 4-1/2" Custom Shaped Poplar | 24.04 | 1.12 |
| 06 46 36 00-0745 | LF | 2" x 5-1/2" Custom Shaped Poplar | 28.17 | 1.12 |
| 06 46 36 00-0746 | LF | 2" x 6-1/2" Custom Shaped Poplar | 32.51 | 1.20 |
| 06 46 36 00-0747 | LF | 2" x 7-1/2" Custom Shaped Poplar | 36.64 | 1.20 |
| 06 46 36 00-0748 | LF | 2" x 8-1/2" Custom Shaped Poplar | 40.90 | 1.29 |
| 06 46 36 00-0749 | LF | 2" x 9-1/2" Custom Shaped Poplar | 45.04 | 1.29 |
| 06 46 36 00-0750 | LF | 2" x 10-1/2" Custom Shaped Poplar | 49.21 | 1.37 |
| 06 46 36 00-0751 | LF | 2" x 11-1/2" Custom Shaped Poplar | 53.52 | 1.46 |
| 06 46 36 00-0752 | LF | 2-1/2" x 1-1/2" Custom Shaped Poplar | 14.31 | 1.03 |
| 06 46 36 00-0753 | LF | 2-1/2" x 2-1/2" Custom Shaped Poplar | 19.83 | 1.03 |
| 06 46 36 00-0754 | LF | 2-1/2" x 3-1/2" Custom Shaped Poplar | 25.36 | 1.12 |
| 06 46 36 00-0755 | LF | 2-1/2" x 4-1/2" Custom Shaped Poplar | 30.95 | 1.12 |
| 06 46 36 00-0756 | LF | 2-1/2" x 5-1/2" Custom Shaped Poplar | 36.48 | 1.12 |
| 06 46 36 00-0757 | LF | 2-1/2" x 6-1/2" Custom Shaped Poplar | 42.17 | 1.20 |
| 06 46 36 00-0758 | LF | 2-1/2" x 7-1/2" Custom Shaped Poplar | 47.70 | 1.29 |
| 06 46 36 00-0759 | LF | 2-1/2" x 8-1/2" Custom Shaped Poplar | 53.31 | 1.29 |
| 06 46 36 00-0760 | LF | 2-1/2" x 9-1/2" Custom Shaped Poplar | 58.82 | 1.37 |
| 06 46 36 00-0761 | LF | 2-1/2" x 10-1/2" Custom Shaped Poplar | 64.35 | 1.37 |
| 06 46 36 00-0762 | LF | 2-1/2" x 11-1/2" Custom Shaped Poplar | 70.05 | 1.46 |
| 06 46 36 00-0763 | LF | 3-1/2" x 3-1/2" Custom Shaped Poplar | 34.91 | 1.12 |
| 06 46 36 00-0764 | LF | 3-1/2" x 4-1/2" Custom Shaped Poplar | 42.89 | 1.12 |
| 06 46 36 00-0765 | LF | 3-1/2" x 5-1/2" Custom Shaped Poplar | 50.79 | 1.20 |
| 06 46 36 00-0766 | LF | 3-1/2" x 6-1/2" Custom Shaped Poplar | 58.94 | 1.29 |
| 06 46 36 00-0767 | LF | 3-1/2" x 7-1/2" Custom Shaped Poplar | 66.75 | 1.29 |
| 06 46 36 00-0768 | LF | 3-1/2" x 8-1/2" Custom Shaped Poplar | 74.71 | 1.37 |
| 06 46 36 00-0769 | LF | 3-1/2" x 9-1/2" Custom Shaped Poplar | 82.61 | 1.37 |
| 06 46 36 00-0770 | LF | 3-1/2" x 10-1/2" Custom Shaped Poplar | 90.51 | 1.37 |
| 06 46 36 00-0771 | LF | 3-1/2" x 11-1/2" Custom Shaped Poplar | 98.57 | 1.46 |

## 06 46 36 00-0772 Clear Heart Redwood *(06 46 36)*

| | | | | |
|---|---|---|---|---|
| 06 46 36 00-0773 | LF | 3/4" x 1-1/2" Custom Shaped Clear Heart Redwood | 6.47 | 0.95 |
| 06 46 36 00-0774 | LF | 3/4" x 2-1/2" Custom Shaped Clear Heart Redwood | 8.28 | 0.95 |
| 06 46 36 00-0775 | LF | 3/4" x 3-1/2" Custom Shaped Clear Heart Redwood | 10.10 | 0.95 |
| 06 46 36 00-0776 | LF | 3/4" x 4-1/2" Custom Shaped Clear Heart Redwood | 11.92 | 1.03 |
| 06 46 36 00-0777 | LF | 3/4" x 5-1/2" Custom Shaped Clear Heart Redwood | 13.83 | 1.03 |
| 06 46 36 00-0778 | LF | 3/4" x 6-1/2" Custom Shaped Clear Heart Redwood | 15.73 | 1.12 |
| 06 46 36 00-0779 | LF | 3/4" x 7-1/2" Custom Shaped Clear Heart Redwood | 19.39 | 1.12 |
| 06 46 36 00-0780 | LF | 3/4" x 8-1/2" Custom Shaped Clear Heart Redwood | 21.46 | 1.12 |
| 06 46 36 00-0781 | LF | 3/4" x 9-1/2" Custom Shaped Clear Heart Redwood | 21.56 | 1.20 |
| 06 46 36 00-0782 | LF | 3/4" x 10-1/2" Custom Shaped Clear Heart Redwood | 23.08 | 1.29 |
| 06 46 36 00-0783 | LF | 1" x 1-1/2" Custom Shaped Clear Heart Redwood | 7.90 | 0.95 |
| 06 46 36 00-0784 | LF | 1" x 2-1/2" Custom Shaped Clear Heart Redwood | 10.37 | 0.95 |
| 06 46 36 00-0785 | LF | 1" x 3-1/2" Custom Shaped Clear Heart Redwood | 12.83 | 1.03 |
| 06 46 36 00-0786 | LF | 1" x 4-1/2" Custom Shaped Clear Heart Redwood | 15.29 | 1.03 |
| 06 46 36 00-0787 | LF | 1" x 5-1/2" Custom Shaped Clear Heart Redwood | 17.90 | 1.12 |
| 06 46 36 00-0788 | LF | 1" x 6-1/2" Custom Shaped Clear Heart Redwood | 20.46 | 1.12 |
| 06 46 36 00-0789 | LF | 1" x 7-1/2" Custom Shaped Clear Heart Redwood | 26.17 | 1.12 |
| 06 46 36 00-0790 | LF | 1" x 8-1/2" Custom Shaped Clear Heart Redwood | 29.07 | 1.20 |
| 06 46 36 00-0791 | LF | 1" x 9-1/2" Custom Shaped Clear Heart Redwood | 31.91 | 1.20 |
| 06 46 36 00-0792 | LF | 1" x 10-1/2" Custom Shaped Clear Heart Redwood | 34.92 | 1.29 |
| 06 46 36 00-0793 | LF | 1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood | 10.53 | 0.95 |
| 06 46 36 00-0794 | LF | 1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood | 14.25 | 1.03 |
| 06 46 36 00-0795 | LF | 1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood | 17.97 | 1.03 |
| 06 46 36 00-0796 | LF | 1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood | 21.69 | 1.12 |
| 06 46 36 00-0797 | LF | 1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood | 25.43 | 1.12 |
| 06 46 36 00-0798 | LF | 1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood | 29.41 | 1.20 |
| 06 46 36 00-0799 | LF | 1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood | 39.72 | 1.20 |
| 06 46 36 00-0800 | LF | 1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood | 44.31 | 1.29 |
| 06 46 36 00-0801 | LF | 1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood | 52.54 | 1.29 |
| 06 46 36 00-0802 | LF | 1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood | 57.57 | 1.37 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0803 | LF | 3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood | 55.73 | 1.12 |
| 06 46 36 00-0804 | LF | 3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood | 68.91 | 1.12 |
| 06 46 36 00-0805 | LF | 3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood | 82.01 | 1.20 |
| 06 46 36 00-0806 | LF | 3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood | 95.28 | 1.29 |
| 06 46 36 00-0807 | LF | 3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood | 108.38 | 1.29 |
| 06 46 36 00-0808 | LF | 3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood | 121.55 | 1.37 |
| 06 46 36 00-0809 | LF | 3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood | 134.65 | 1.37 |
| 06 46 36 00-0810 | LF | 3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood | 147.75 | 1.37 |
| 06 46 36 00-0811 | LF | 3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood | 161.02 | 1.46 |
| 06 46 36 00-0812 | | Teak *(06 46 36)* | | |
| 06 46 36 00-0813 | LF | 3/4" x 1-1/2" Custom Shaped Teak | 18.92 | 0.95 |
| 06 46 36 00-0814 | LF | 3/4" x 2-1/2" Custom Shaped Teak | 26.96 | 0.95 |
| 06 46 36 00-0815 | LF | 3/4" x 3-1/2" Custom Shaped Teak | 35.00 | 0.95 |
| 06 46 36 00-0816 | LF | 3/4" x 4-1/2" Custom Shaped Teak | 43.05 | 1.03 |
| 06 46 36 00-0817 | LF | 3/4" x 5-1/2" Custom Shaped Teak | 51.18 | 1.03 |
| 06 46 36 00-0818 | LF | 3/4" x 6-1/2" Custom Shaped Teak | 59.32 | 1.12 |
| 06 46 36 00-0819 | LF | 3/4" x 7-1/2" Custom Shaped Teak | 67.34 | 1.12 |
| 06 46 36 00-0820 | LF | 3/4" x 8-1/2" Custom Shaped Teak | 75.41 | 1.12 |
| 06 46 36 00-0821 | LF | 3/4" x 9-1/2" Custom Shaped Teak | 83.40 | 1.20 |
| 06 46 36 00-0822 | LF | 3/4" x 10-1/2" Custom Shaped Teak | 91.57 | 1.29 |
| 06 46 36 00-0823 | LF | 3/4" x 11-1/2" Custom Shaped Teak | 99.64 | 1.29 |
| 06 46 36 00-0824 | LF | 1-1/2" x 1-1/2" Custom Shaped Teak | 44.35 | 0.95 |
| 06 46 36 00-0825 | LF | 1-1/2" x 2-1/2" Custom Shaped Teak | 51.05 | 1.03 |
| 06 46 36 00-0826 | LF | 1-1/2" x 3-1/2" Custom Shaped Teak | 67.03 | 1.03 |
| 06 46 36 00-0827 | LF | 1-1/2" x 4-1/2" Custom Shaped Teak | 83.02 | 1.12 |
| 06 46 36 00-0828 | LF | 1-1/2" x 5-1/2" Custom Shaped Teak | 99.02 | 1.12 |
| 06 46 36 00-0829 | LF | 1-1/2" x 6-1/2" Custom Shaped Teak | 114.72 | 1.20 |
| 06 46 36 00-0830 | LF | 1-1/2" x 7-1/2" Custom Shaped Teak | 131.17 | 1.20 |
| 06 46 36 00-0831 | LF | 1-1/2" x 8-1/2" Custom Shaped Teak | 147.19 | 1.29 |
| 06 46 36 00-0832 | LF | 1-1/2" x 9-1/2" Custom Shaped Teak | 163.13 | 1.29 |
| 06 46 36 00-0833 | LF | 1-1/2" x 10-1/2" Custom Shaped Teak | 179.22 | 1.37 |
| 06 46 36 00-0834 | LF | 1-1/2" x 11-1/2" Custom Shaped Teak | 195.25 | 1.37 |
| 06 46 36 00-0835 | | Walnut *(06 46 36)* | | |
| 06 46 36 00-0836 | LF | 3/4" x 1-1/2" Custom Shaped Walnut | 10.09 | 0.95 |
| 06 46 36 00-0837 | LF | 3/4" x 2-1/2" Custom Shaped Walnut | 13.71 | 0.95 |
| 06 46 36 00-0838 | LF | 3/4" x 3-1/2" Custom Shaped Walnut | 17.35 | 0.95 |
| 06 46 36 00-0839 | LF | 3/4" x 4-1/2" Custom Shaped Walnut | 20.98 | 1.03 |
| 06 46 36 00-0840 | LF | 3/4" x 5-1/2" Custom Shaped Walnut | 24.70 | 1.03 |
| 06 46 36 00-0841 | LF | 3/4" x 6-1/2" Custom Shaped Walnut | 28.42 | 1.12 |
| 06 46 36 00-0842 | LF | 3/4" x 7-1/2" Custom Shaped Walnut | 32.03 | 1.12 |
| 06 46 36 00-0843 | LF | 3/4" x 8-1/2" Custom Shaped Walnut | 35.68 | 1.12 |
| 06 46 36 00-0844 | LF | 3/4" x 9-1/2" Custom Shaped Walnut | 39.26 | 1.20 |
| 06 46 36 00-0845 | LF | 3/4" x 10-1/2" Custom Shaped Walnut | 43.01 | 1.29 |
| 06 46 36 00-0846 | LF | 3/4" x 11-1/2" Custom Shaped Walnut | 46.68 | 1.29 |
| 06 46 36 00-0847 | LF | 1" x 1-1/2" Custom Shaped Walnut | 12.17 | 0.95 |
| 06 46 36 00-0848 | LF | 1" x 2-1/2" Custom Shaped Walnut | 16.82 | 0.95 |
| 06 46 36 00-0849 | LF | 1" x 3-1/2" Custom Shaped Walnut | 21.42 | 1.03 |
| 06 46 36 00-0850 | LF | 1" x 4-1/2" Custom Shaped Walnut | 26.07 | 1.03 |
| 06 46 36 00-0851 | LF | 1" x 5-1/2" Custom Shaped Walnut | 30.77 | 1.12 |
| 06 46 36 00-0852 | LF | 1" x 6-1/2" Custom Shaped Walnut | 35.51 | 1.12 |
| 06 46 36 00-0853 | LF | 1" x 7-1/2" Custom Shaped Walnut | 40.11 | 1.12 |
| 06 46 36 00-0854 | LF | 1" x 8-1/2" Custom Shaped Walnut | 44.78 | 1.20 |
| 06 46 36 00-0855 | LF | 1" x 9-1/2" Custom Shaped Walnut | 49.33 | 1.20 |
| 06 46 36 00-0856 | LF | 1" x 10-1/2" Custom Shaped Walnut | 54.11 | 1.29 |
| 06 46 36 00-0857 | LF | 1" x 11-1/2" Custom Shaped Walnut | 58.75 | 1.29 |
| 06 46 36 00-0858 | LF | 1-1/4" x 1-1/2" Custom Shaped Walnut | 15.05 | 0.95 |
| 06 46 36 00-0859 | LF | 1-1/4" x 2-1/2" Custom Shaped Walnut | 21.09 | 0.95 |
| 06 46 36 00-0860 | LF | 1-1/4" x 3-1/2" Custom Shaped Walnut | 27.09 | 1.03 |
| 06 46 36 00-0861 | LF | 1-1/4" x 4-1/2" Custom Shaped Walnut | 33.12 | 1.03 |
| 06 46 36 00-0862 | LF | 1-1/4" x 5-1/2" Custom Shaped Walnut | 39.22 | 1.12 |
| 06 46 36 00-0863 | LF | 1-1/4" x 6-1/2" Custom Shaped Walnut | 45.36 | 1.12 |
| 06 46 36 00-0864 | LF | 1-1/4" x 7-1/2" Custom Shaped Walnut | 51.34 | 1.20 |
| 06 46 36 00-0865 | LF | 1-1/4" x 8-1/2" Custom Shaped Walnut | 57.41 | 1.20 |
| 06 46 36 00-0866 | LF | 1-1/4" x 9-1/2" Custom Shaped Walnut | 63.36 | 1.20 |
| 06 46 36 00-0867 | LF | 1-1/4" x 10-1/2" Custom Shaped Walnut | 69.53 | 1.29 |
| 06 46 36 00-0868 | LF | 1-1/4" x 11-1/2" Custom Shaped Walnut | 75.56 | 1.37 |
| 06 46 36 00-0869 | LF | 1-1/2" x 1-1/2" Custom Shaped Walnut | 20.56 | 0.95 |
| 06 46 36 00-0870 | LF | 1-1/2" x 2-1/2" Custom Shaped Walnut | 29.31 | 1.03 |
| 06 46 36 00-0871 | LF | 1-1/2" x 3-1/2" Custom Shaped Walnut | 38.04 | 1.03 |
| 06 46 36 00-0872 | LF | 1-1/2" x 4-1/2" Custom Shaped Walnut | 46.78 | 1.12 |
| 06 46 36 00-0873 | LF | 1-1/2" x 5-1/2" Custom Shaped Walnut | 55.53 | 1.12 |
| 06 46 36 00-0874 | LF | 1-1/2" x 6-1/2" Custom Shaped Walnut | 64.45 | 1.20 |
| 06 46 36 00-0875 | LF | 1-1/2" x 7-1/2" Custom Shaped Walnut | 73.18 | 1.20 |
| 06 46 36 00-0876 | LF | 1-1/2" x 8-1/2" Custom Shaped Walnut | 81.95 | 1.29 |
| 06 46 36 00-0877 | LF | 1-1/2" x 9-1/2" Custom Shaped Walnut | 91.57 | 1.29 |
| 06 46 36 00-0878 | LF | 1-1/2" x 10-1/2" Custom Shaped Walnut | 99.49 | 1.37 |
| 06 46 36 00-0879 | LF | 1-1/2" x 11-1/2" Custom Shaped Walnut | 108.27 | 1.37 |
| 06 46 36 00-0880 | LF | 2" x 1-1/2" Custom Shaped Walnut | 34.95 | 1.03 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 46 36 00-0881 | LF | 2" x 2-1/2" Custom Shaped Walnut | 50.83 | 1.03 |
| 06 46 36 00-0882 | LF | 2" x 3-1/2" Custom Shaped Walnut | 66.71 | 1.03 |
| 06 46 36 00-0883 | LF | 2" x 4-1/2" Custom Shaped Walnut | 82.68 | 1.12 |
| 06 46 36 00-0884 | LF | 2" x 5-1/2" Custom Shaped Walnut | 98.57 | 1.12 |
| 06 46 36 00-0885 | LF | 2" x 6-1/2" Custom Shaped Walnut | 114.61 | 1.20 |
| 06 46 36 00-0886 | LF | 2" x 7-1/2" Custom Shaped Walnut | 130.50 | 1.20 |
| 06 46 36 00-0887 | LF | 2" x 8-1/2" Custom Shaped Walnut | 146.47 | 1.29 |
| 06 46 36 00-0888 | LF | 2" x 9-1/2" Custom Shaped Walnut | 162.36 | 1.29 |
| 06 46 36 00-0889 | LF | 2" x 10-1/2" Custom Shaped Walnut | 178.25 | 1.37 |
| 06 46 36 00-0890 | LF | 2" x 11-1/2" Custom Shaped Walnut | 194.30 | 1.46 |
| 06 46 36 00-0891 | LF | 2-1/2" x 1-1/2" Custom Shaped Walnut | 43.86 | 1.03 |
| 06 46 36 00-0892 | LF | 2-1/2" x 2-1/2" Custom Shaped Walnut | 64.16 | 1.03 |
| 06 46 36 00-0893 | LF | 2-1/2" x 3-1/2" Custom Shaped Walnut | 84.46 | 1.12 |
| 06 46 36 00-0894 | LF | 2-1/2" x 4-1/2" Custom Shaped Walnut | 104.83 | 1.12 |
| 06 46 36 00-0895 | LF | 2-1/2" x 5-1/2" Custom Shaped Walnut | 125.13 | 1.12 |
| 06 46 36 00-0896 | LF | 2-1/2" x 6-1/2" Custom Shaped Walnut | 145.60 | 1.20 |
| 06 46 36 00-0897 | LF | 2-1/2" x 7-1/2" Custom Shaped Walnut | 165.90 | 1.29 |
| 06 46 36 00-0898 | LF | 2-1/2" x 8-1/2" Custom Shaped Walnut | 186.29 | 1.29 |
| 06 46 36 00-0899 | LF | 2-1/2" x 9-1/2" Custom Shaped Walnut | 206.58 | 1.37 |
| 06 46 36 00-0900 | LF | 2-1/2" x 10-1/2" Custom Shaped Walnut | 226.88 | 1.37 |
| 06 46 36 00-0901 | LF | 2-1/2" x 11-1/2" Custom Shaped Walnut | 247.35 | 1.46 |

## 06 48 Wood Frames *(06 40)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

### 06 48 13 Exterior Wood Door Frames *(06 48)*

#### 06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

| | | | | |
|---|---|---|---|---|
| 06 48 13 00-0002 | EA | 3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim | 495.98 | 49.13 |
| | | *For Birch, Add* | *139.23* | |
| | | *For Mahogany, Add* | *338.13* | |
| 06 48 13 00-0003 | EA | 3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim | 522.83 | 51.49 |
| | | *For Birch, Add* | *147.11* | |
| | | *For Mahogany, Add* | *357.27* | |
| 06 48 13 00-0004 | EA | 4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim | 549.68 | 53.49 |
| | | *For Birch, Add* | *154.98* | |
| | | *For Mahogany, Add* | *376.37* | |
| 06 48 13 00-0005 | EA | 5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim | 602.28 | 57.24 |
| | | *For Birch, Add* | *170.70* | |
| | | *For Mahogany, Add* | *414.56* | |
| 06 48 13 00-0006 | EA | 6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim | 655.43 | 61.35 |
| | | *For Birch, Add* | *186.45* | |
| | | *For Mahogany, Add* | *452.80* | |
| 06 48 13 00-0007 | EA | 3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim | 829.28 | 49.31 |
| 06 48 13 00-0008 | EA | 3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim | 839.72 | 51.49 |
| 06 48 13 00-0009 | EA | 4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim | 850.12 | 53.67 |
| 06 48 13 00-0010 | EA | 5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim | 869.24 | 57.16 |
| 06 48 13 00-0011 | EA | 6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim | 890.21 | 61.52 |
| 06 48 13 00-0012 | EA | 3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim | 610.43 | 49.31 |
| 06 48 13 00-0013 | EA | 3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim | 640.63 | 51.49 |
| 06 48 13 00-0014 | EA | 4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim | 670.89 | 53.67 |
| 06 48 13 00-0015 | EA | 5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim | 729.50 | 57.16 |
| 06 48 13 00-0016 | EA | 6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim | 789.89 | 61.52 |

### 06 48 16 Interior Wood Door Frames *(06 48)*

#### 06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

| | | | | |
|---|---|---|---|---|
| 06 48 16 00-0002 | EA | 2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | 252.64 | 23.39 |
| | | *For Oak Or Maple, Add* | *63.83* | |
| | | *For Birch, Add* | *72.06* | |
| | | *For Mahogany, Add* | *175.01* | |
| | | *For Walnut Frame, Add* | *92.65* | |
| 06 48 16 00-0003 | EA | 2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | 254.60 | 23.48 |
| | | *For Oak Or Maple, Add* | *64.36* | |
| | | *For Birch, Add* | *72.67* | |
| | | *For Mahogany, Add* | *176.48* | |
| | | *For Walnut Frame, Add* | *93.43* | |
| 06 48 16 00-0004 | EA | 2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | 257.07 | 23.91 |
| | | *For Oak Or Maple, Add* | *64.85* | |
| | | *For Birch, Add* | *73.21* | |
| | | *For Mahogany, Add* | *177.80* | |
| | | *For Walnut Frame, Add* | *94.13* | |
| 06 48 16 00-0005 | EA | 3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | 260.34 | 24.53 |
| | | *For Oak Or Maple, Add* | *65.49* | |
| | | *For Birch, Add* | *73.94* | |
| | | *For Mahogany, Add* | *179.56* | |
| | | *For Walnut Frame, Add* | *95.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 48 16 00-0006 | EA | 3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | 266.07 | 25.13 |
| | | *For Oak Or Maple, Add* | *66.87* | |
| | | *For Birch, Add* | *75.50* | |
| | | *For Mahogany, Add* | *183.36* | |
| | | *For Walnut Frame, Add* | *97.07* | |
| 06 48 16 00-0007 | EA | 4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | 280.57 | 26.71 |
| | | *For Oak Or Maple, Add* | *70.41* | |
| | | *For Birch, Add* | *79.49* | |
| | | *For Mahogany, Add* | *193.05* | |
| | | *For Walnut Frame, Add* | *102.20* | |
| 06 48 16 00-0008 | EA | 5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | 296.40 | 28.88 |
| | | *For Oak Or Maple, Add* | *73.96* | |
| | | *For Birch, Add* | *83.50* | |
| | | *For Mahogany, Add* | *202.79* | |
| | | *For Walnut Frame, Add* | *107.36* | |
| 06 48 16 00-0009 | EA | 6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | 311.34 | 30.71 |
| | | *For Oak Or Maple, Add* | *77.49* | |
| | | *For Birch, Add* | *87.49* | |
| | | *For Mahogany, Add* | *212.48* | |
| | | *For Walnut Frame, Add* | *112.49* | |
| 06 48 16 00-0010 | LF | 4-9/16", Pine Interior Door Frame | 7.96 | 2.10 |
| | | *For Oak Or Maple, Add* | *1.17* | |
| | | *For Birch, Add* | *1.32* | |
| | | *For Mahogany, Add* | *3.20* | |
| | | *For Walnut Frame, Add* | *1.70* | |

## 06 49 Wood Screens and Exterior Wood Shutters *(06 40)*

### 06 49 19 Exterior Wood Shutters *(06 49)*

See CSI section 10 71 13 13-0000 for exterior shutters.

## 06 50 Structural Plastics *(06)*

## 06 51 Structural Plastic Shapes and Plates *(06 50)*

### 06 51 13 Plastic Lumber *(06 51)*

#### 06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

| | | | | |
|---|---|---|---|---|
| 06 51 13 00-0002 | LF | 2" x 6", Beam Or Girder, Recycled Plastic Lumber | 10.24 | 1.41 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *3.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.74* | |
| | | *For White Color, Add* | *3.50* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *2.97* | |
| 06 51 13 00-0003 | LF | 2" x 8", Beam Or Girder, Recycled Plastic Lumber | 13.14 | 1.53 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.99* | |
| | | *For White Color, Add* | *4.65* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *3.94* | |
| 06 51 13 00-0004 | LF | 2" x 10", Beam Or Girder, Recycled Plastic Lumber | 15.75 | 1.64 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.96* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.21* | |
| | | *For White Color, Add* | *5.70* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.82* | |
| 06 51 13 00-0005 | LF | 3" x 10", Beam Or Girder, Recycled Plastic Lumber | 23.12 | 1.95 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *7.52* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.83* | |
| | | *For White Color, Add* | *8.64* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *7.32* | |
| 06 51 13 00-0006 | LF | 3" x 12", Beam Or Girder, Recycled Plastic Lumber | 27.72 | 2.20 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *9.09* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *2.21* | |
| | | *For White Color, Add* | *10.44* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *8.85* | |
| 06 51 13 00-0007 | LF | 4" x 4", Beam Or Girder, Recycled Plastic Lumber | 14.79 | 1.89 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.47* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.09* | |
| | | *For White Color, Add* | *5.14* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.35* | |
| 06 51 13 00-0008 | LF | 4" x 6", Beam Or Girder, Recycled Plastic Lumber | 20.05 | 2.01 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.35* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.55* | |
| | | *For White Color, Add* | *7.30* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.18* | |
| 06 51 13 00-0009 | LF | 5" x 5", Beam Or Girder, Recycled Plastic Lumber | 20.88 | 2.08 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.63* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.61* | |
| | | *For White Color, Add* | *7.61* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 51 13 00-0010 | LF | 6" x 6", Beam Or Girder, Recycled Plastic Lumber | 28.93 | 2.26 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *9.51* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *2.31* | |
| | | *For White Color, Add* | *10.92* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *9.25* | |
| 06 51 13 00-0011 | LF | 6" x 8", Beam Or Girder, Recycled Plastic Lumber | 39.63 | 2.38 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *13.40* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *3.26* | |
| | | *For White Color, Add* | *15.39* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *13.04* | |

## 06 51 13 00-0012 Joists, Recycled Plastic Lumber *(06 51 13)*

| | | | | |
|---|---|---|---|---|
| 06 51 13 00-0013 | LF | 2" x 4", Joist, Recycled Plastic Lumber | 6.69 | 0.78 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *2.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.50* | |
| | | *For White Color, Add* | *2.36* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *2.00* | |
| 06 51 13 00-0014 | LF | 2" x 6", Joist, Recycled Plastic Lumber | 9.38 | 0.83 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *3.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.74* | |
| | | *For White Color, Add* | *3.50* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *2.97* | |
| 06 51 13 00-0015 | LF | 2" x 8", Joist, Recycled Plastic Lumber | 12.26 | 0.91 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.99* | |
| | | *For White Color, Add* | *4.65* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *3.94* | |
| 06 51 13 00-0016 | LF | 2" x 10", Joist, Recycled Plastic Lumber | 14.97 | 1.10 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.96* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.21* | |
| | | *For White Color, Add* | *5.70* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.82* | |
| 06 51 13 00-0017 | LF | 3" x 10", Joist, Recycled Plastic Lumber | 22.16 | 1.28 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *7.52* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.83* | |
| | | *For White Color, Add* | *8.64* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *7.32* | |
| 06 51 13 00-0018 | LF | 3" x 12", Joist, Recycled Plastic Lumber | 26.93 | 1.64 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *9.09* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *2.21* | |
| | | *For White Color, Add* | *10.44* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *8.85* | |
| 06 51 13 00-0019 | LF | 4" x 4", Joist, Recycled Plastic Lumber | 13.74 | 1.16 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.47* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.09* | |
| | | *For White Color, Add* | *5.14* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.35* | |
| 06 51 13 00-0020 | LF | 4" x 6", Joist, Recycled Plastic Lumber | 18.92 | 1.22 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.35* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.55* | |
| | | *For White Color, Add* | *7.30* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.18* | |
| 06 51 13 00-0021 | LF | 5" x 5", Joist, Recycled Plastic Lumber | 19.83 | 1.35 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.63* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.61* | |
| | | *For White Color, Add* | *7.61* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.45* | |
| 06 51 13 00-0022 | LF | 6" x 6", Joist, Recycled Plastic Lumber | 27.88 | 1.53 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *9.51* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *2.31* | |
| | | *For White Color, Add* | *10.92* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *9.25* | |
| 06 51 13 00-0023 | LF | 6" x 8", Joist, Recycled Plastic Lumber | 38.58 | 1.64 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *13.40* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *3.26* | |
| | | *For White Color, Add* | *15.39* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *13.04* | |

## 06 51 13 00-0024 Columns, Recycled Plastic Lumber *(06 51 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 51 13 00-0025 | LF | 4" x 4", Column, Recycled Plastic Lumber | 15.67 | 2.51 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.47* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.09* | |
| | | *For White Color, Add* | *5.14* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.35* | |
| 06 51 13 00-0026 | LF | 4" x 6", Column, Recycled Plastic Lumber | 22.23 | 3.55 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.35* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.55* | |
| | | *For White Color, Add* | *7.30* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.18* | |
| 06 51 13 00-0027 | LF | 5" x 5", Column, Recycled Plastic Lumber | 23.58 | 3.97 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.63* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.61* | |
| | | *For White Color, Add* | *7.61* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.45* | |
| 06 51 13 00-0028 | LF | 6" x 6", Column, Recycled Plastic Lumber | 32.16 | 4.52 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *9.51* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *2.31* | |
| | | *For White Color, Add* | *10.92* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *9.25* | |
| 06 51 13 00-0029 | LF | 6" x 8", Column, Recycled Plastic Lumber | 44.17 | 5.56 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *13.40* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *3.26* | |
| | | *For White Color, Add* | *15.39* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *13.04* | |

## 06 51 13 00-0030 Walls, Recycled Plastic Lumber *(06 51 13)*

| | | | | |
|---|---|---|---|---|
| 06 51 13 00-0031 | LF | 2" x 3", Walls, Recycled Plastic Lumber | 5.99 | 0.78 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *1.79* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.44* | |
| | | *For White Color, Add* | *2.06* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *1.75* | |
| 06 51 13 00-0032 | LF | 2" x 4", Walls, Recycled Plastic Lumber | 6.87 | 0.91 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *2.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.50* | |
| | | *For White Color, Add* | *2.36* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *2.00* | |
| 06 51 13 00-0033 | LF | 2" x 6", Walls, Recycled Plastic Lumber | 9.64 | 0.98 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *3.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.74* | |
| | | *For White Color, Add* | *3.50* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *2.97* | |
| 06 51 13 00-0034 | LF | 2" x 8", Walls, Recycled Plastic Lumber | 12.43 | 1.04 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.99* | |
| | | *For White Color, Add* | *4.65* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *3.94* | |

## 06 51 13 00-0035 Other Shapes, Recycled Plastic Lumber *(06 51 13)*

| | | | | |
|---|---|---|---|---|
| 06 51 13 00-0036 | LF | 5/4" x 4", Other Shapes, Recycled Plastic Lumber | 5.85 | 0.70 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *1.77* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.43* | |
| | | *For White Color, Add* | *2.03* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *1.72* | |
| 06 51 13 00-0037 | LF | 5/4" x 6", Other Shapes, Recycled Plastic Lumber | 7.47 | 0.78 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *2.35* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.57* | |
| | | *For White Color, Add* | *2.69* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *2.28* | |
| 06 51 13 00-0038 | LF | 5/4" x 8", Recycled Plastic Lumber | 9.84 | 0.78 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *3.22* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.78* | |
| | | *For White Color, Add* | *3.70* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *3.14* | |
| 06 51 13 00-0039 | LF | 1" x 4", Other Shapes, Recycled Plastic Lumber | 5.89 | 0.70 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *1.78* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.43* | |
| | | *For White Color, Add* | *2.05* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *1.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 51 13 00-0040 | LF | 1" x 6", Other Shapes, Recycled Plastic Lumber | 6.51 | 0.78 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *1.99* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.48* | |
| | | *For White Color, Add* | *2.29* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *1.94* | |
| 06 51 13 00-0041 | LF | 1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber | 6.63 | 0.78 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *2.04* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.50* | |
| | | *For White Color, Add* | *2.34* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *1.98* | |
| 06 51 13 00-0042 | LF | 2" x 2", Other Shapes, Recycled Plastic Lumber | 4.04 | 0.67 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *1.14* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.28* | |
| | | *For White Color, Add* | *1.30* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *1.11* | |
| 06 51 13 00-0043 | LF | 2" x 3", Other Shapes, Recycled Plastic Lumber | 5.99 | 0.78 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *1.79* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.44* | |
| | | *For White Color, Add* | *2.06* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *1.75* | |
| 06 51 13 00-0044 | LF | 2" x 4", Other Shapes, Recycled Plastic Lumber | 6.87 | 0.91 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *2.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.50* | |
| | | *For White Color, Add* | *2.36* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *2.00* | |
| 06 51 13 00-0045 | LF | 2" x 6", Other Shapes, Recycled Plastic Lumber | 9.64 | 0.98 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *3.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.74* | |
| | | *For White Color, Add* | *3.50* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *2.97* | |
| 06 51 13 00-0046 | LF | 2" x 8", Other Shapes, Recycled Plastic Lumber | 12.43 | 1.04 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.05* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.99* | |
| | | *For White Color, Add* | *4.65* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *3.94* | |
| 06 51 13 00-0047 | LF | 2" x 10", Other Shapes, Recycled Plastic Lumber | 14.97 | 1.10 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.96* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.21* | |
| | | *For White Color, Add* | *5.70* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.82* | |
| 06 51 13 00-0048 | LF | 2" x 12", Other Shapes, Recycled Plastic Lumber | 18.14 | 1.16 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.10* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.48* | |
| | | *For White Color, Add* | *7.01* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *5.94* | |
| 06 51 13 00-0049 | LF | 3" x 4", Other Shapes, Recycled Plastic Lumber | 9.89 | 1.07 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *3.09* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.75* | |
| | | *For White Color, Add* | *3.55* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *3.01* | |
| 06 51 13 00-0050 | LF | 3" x 6", Other Shapes, Recycled Plastic Lumber | 14.59 | 1.14 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.80* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.17* | |
| | | *For White Color, Add* | *5.51* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.67* | |
| 06 51 13 00-0051 | LF | 3" x 8", Other Shapes, Recycled Plastic Lumber | 19.08 | 1.22 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.42* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.56* | |
| | | *For White Color, Add* | *7.37* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.25* | |
| 06 51 13 00-0052 | LF | 3" x 10", Other Shapes, Recycled Plastic Lumber | 22.16 | 1.28 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *7.52* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.83* | |
| | | *For White Color, Add* | *8.64* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *7.32* | |
| 06 51 13 00-0053 | LF | 3" x 12", Other Shapes, Recycled Plastic Lumber | 26.93 | 1.64 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *9.09* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *2.21* | |
| | | *For White Color, Add* | *10.44* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *8.85* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 51 13 00-0054 | LF | 4" x 4", Other Shapes, Recycled Plastic Lumber | 13.74 | 1.16 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.47* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.09* | |
| | | *For White Color, Add* | *5.14* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.35* | |
| 06 51 13 00-0055 | LF | 4" x 6", Other Shapes, Recycled Plastic Lumber | 18.92 | 1.22 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.35* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.55* | |
| | | *For White Color, Add* | *7.30* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.18* | |
| 06 51 13 00-0056 | LF | 4" x 8", Other Shapes, Recycled Plastic Lumber | 25.51 | 1.33 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *8.74* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *2.13* | |
| | | *For White Color, Add* | *10.04* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *8.50* | |
| 06 51 13 00-0057 | LF | 5" x 5", Other Shapes, Recycled Plastic Lumber | 19.83 | 1.35 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *6.63* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.61* | |
| | | *For White Color, Add* | *7.61* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *6.45* | |
| 06 51 13 00-0058 | LF | 6" x 6", Other Shapes, Recycled Plastic Lumber | 27.88 | 1.53 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *9.51* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *2.31* | |
| | | *For White Color, Add* | *10.92* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *9.25* | |
| 06 51 13 00-0059 | LF | 6" x 8", Other Shapes, Recycled Plastic Lumber | 38.58 | 1.64 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *13.40* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *3.26* | |
| | | *For White Color, Add* | *15.39* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *13.04* | |
| 06 51 13 00-0060 | LF | 6" x 12", Other Shapes, Recycled Plastic Lumber | 54.59 | 1.83 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *19.23* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *4.68* | |
| | | *For White Color, Add* | *22.09* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *18.71* | |
| 06 51 13 00-0061 | LF | 8" x 8", Other Shapes, Recycled Plastic Lumber | 48.52 | 1.76 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *17.02* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *4.14* | |
| | | *For White Color, Add* | *19.55* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *16.56* | |
| 06 51 13 00-0062 | LF | 8" x 10", Other Shapes, Recycled Plastic Lumber | 83.15 | 1.83 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *29.80* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *7.25* | |
| | | *For White Color, Add* | *34.23* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *28.99* | |
| 06 51 13 00-0063 | LF | 10" x 10", Other Shapes, Recycled Plastic Lumber | 115.49 | 1.92 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *41.72* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *10.15* | |
| | | *For White Color, Add* | *47.93* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *40.60* | |
| 06 51 13 00-0064 | LF | 2" Diameter, Other Shapes, Recycled Plastic Lumber | 4.34 | 0.61 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *1.28* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *0.31* | |
| | | *For White Color, Add* | *1.47* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *1.25* | |
| 06 51 13 00-0065 | LF | 3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber | 12.69 | 0.78 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.28* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.04* | |
| | | *For White Color, Add* | *4.91* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.16* | |
| 06 51 13 00-0066 | LF | 4" Diameter, Other Shapes, Recycled Plastic Lumber | 14.00 | 0.91 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *4.70* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.14* | |
| | | *For White Color, Add* | *5.39* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *4.57* | |
| 06 51 13 00-0067 | LF | 5" Diameter, Other Shapes, Recycled Plastic Lumber | 17.33 | 1.10 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *5.83* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *1.42* | |
| | | *For White Color, Add* | *6.70* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *5.68* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 51 13 00-0068 | LF | 6" Diameter, Other Shapes, Recycled Plastic Lumber | 38.63 | 1.28 |
| | | *For Reinforced Structural Plastic Lumber, Add* | *13.62* | |
| | | *Note: High density polyethylene combined with fiberglass.* | | |
| | | *For Brown Color, Add* | *3.31* | |
| | | *For White Color, Add* | *15.64* | |
| | | *For All Other Colors (Except Black, Brown Or White), Add* | *13.25* | |
| 06 51 13 00-0069 | SF | 1/8" Thick, Other Shapes, Recycled Plastic Sheeting | 3.47 | 0.67 |
| 06 51 13 00-0070 | SF | 1/4" Thick, Other Shapes, Recycled Plastic Sheeting | 5.15 | 0.70 |
| 06 51 13 00-0071 | SF | 3/8" Thick, Other Shapes, Recycled Plastic Sheeting | 7.49 | 0.74 |
| 06 51 13 00-0072 | SF | 1/2" Thick, Other Shapes, Recycled Plastic Sheeting | 9.59 | 0.77 |

## 06 52 Plastic Structural Assemblies *(06 50)*

### 06 52 13 Plastic Columns *(06 52)*

#### 06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

| | | | | |
|---|---|---|---|---|
| 06 52 13 00-0002 | LF | 6" Diameter, Round Fiberglass Column | 20.39 | 6.19 |
| 06 52 13 00-0003 | LF | 8" Diameter, Round Fiberglass Column | 28.59 | 9.00 |
| 06 52 13 00-0004 | LF | 10" Diameter, Round Fiberglass Column | 33.57 | 10.12 |
| 06 52 13 00-0005 | LF | 12" Diameter, Round Fiberglass Column | 43.49 | 10.59 |
| 06 52 13 00-0006 | LF | 15" Diameter, Round Fiberglass Column | 53.69 | 12.23 |
| 06 52 13 00-0007 | EA | 6" Diameter, Base And Cap For Round Fiberglass Columns | 39.59 | 11.71 |
| 06 52 13 00-0008 | EA | 8" Diameter, Base And Cap For Round Fiberglass Columns | 44.19 | 12.65 |
| 06 52 13 00-0009 | EA | 10" Diameter, Base And Cap For Round Fiberglass Columns | 52.94 | 14.06 |
| 06 52 13 00-0010 | EA | 12" Diameter, Base And Cap For Round Fiberglass Columns | 77.70 | 15.00 |
| 06 52 13 00-0011 | EA | 15" Diameter, Base And Cap For Round Fiberglass Columns | 109.24 | 16.40 |

#### 06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

| | | | | |
|---|---|---|---|---|
| 06 52 13 00-0013 | LF | 6" Diameter, Fluted Fiberglass Column | 21.97 | 6.19 |
| 06 52 13 00-0014 | LF | 8" Diameter, Fluted Fiberglass Column | 30.70 | 9.00 |
| 06 52 13 00-0015 | LF | 10" Diameter, Fluted Fiberglass Column | 36.24 | 10.12 |
| 06 52 13 00-0016 | LF | 12" Diameter, Fluted Fiberglass Column | 47.97 | 10.59 |
| 06 52 13 00-0017 | LF | 15" Diameter, Fluted Fiberglass Column | 59.53 | 12.28 |
| 06 52 13 00-0018 | EA | 6" Diameter, Base And Cap For Fluted Fiberglass Columns | 42.82 | 11.71 |
| 06 52 13 00-0019 | EA | 8" Diameter, Base And Cap For Fluted Fiberglass Columns | 47.97 | 12.65 |
| 06 52 13 00-0020 | EA | 10" Diameter, Base And Cap For Fluted Fiberglass Columns | 57.91 | 14.06 |
| 06 52 13 00-0021 | EA | 12" Diameter, Base And Cap For Fluted Fiberglass Columns | 87.25 | 15.00 |
| 06 52 13 00-0022 | EA | 15" Diameter, Base And Cap For Fluted Fiberglass Columns | 124.53 | 16.40 |

#### 06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*

| | | | | |
|---|---|---|---|---|
| 06 52 13 00-0024 | EA | 8" Roman Ionic Cap And Base For Fiberglass Columns | 199.09 | 14.06 |
| 06 52 13 00-0025 | EA | 10" Roman Ionic Cap And Base For Fiberglass Columns | 267.62 | 16.40 |
| 06 52 13 00-0026 | EA | 12" Roman Ionic Cap And Base For Fiberglass Columns | 344.80 | 18.75 |
| 06 52 13 00-0027 | EA | 8" Scamozzi Cap And Base For Fiberglass Columns | 239.13 | 14.06 |
| 06 52 13 00-0028 | EA | 10" Scamozzi Cap And Base For Fiberglass Columns | 288.18 | 16.40 |
| 06 52 13 00-0029 | EA | 12" Scamozzi Cap And Base For Fiberglass Columns | 424.88 | 18.75 |
| 06 52 13 00-0030 | EA | 8" Corinthian Cap And Base For Fiberglass Columns | 304.05 | 14.06 |
| 06 52 13 00-0031 | EA | 10" Corinthian Cap And Base For Fiberglass Columns | 369.34 | 16.40 |
| 06 52 13 00-0032 | EA | 12" Corinthian Cap And Base For Fiberglass Columns | 491.97 | 18.75 |
| 06 52 13 00-0033 | EA | 8" Temple Of Winds Cap And Base For Fiberglass Columns | 202.33 | 14.06 |
| 06 52 13 00-0034 | EA | 10" Temple Of Winds Cap And Base For Fiberglass Columns | 274.12 | 16.40 |
| 06 52 13 00-0035 | EA | 12" Temple Of Winds Cap And Base For Fiberglass Columns | 351.30 | 18.75 |
| 06 52 13 00-0036 | EA | 8" Greek Erectheum Cap And Base For Fiberglass Columns | 202.33 | 14.06 |
| 06 52 13 00-0037 | EA | 10" Greek Erectheum Cap And Base For Fiberglass Columns | 243.82 | 16.40 |
| 06 52 13 00-0038 | EA | 12" Greek Erectheum Cap And Base For Fiberglass Columns | 324.24 | 18.75 |

## 06 53 Plastic Decking *(06 50)*

### 06 53 16 Plastic Stair Treads *(06 53)*

#### 06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads *(06 53 16)*

Note: Includes standard colors and anchors. Excludes stringers.

| | | | | |
|---|---|---|---|---|
| 06 53 16 00-0002 | LF | 1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer | 35.54 | 2.40 |
| 06 53 16 00-0003 | LF | 1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer | 48.11 | 2.88 |
| 06 53 16 00-0004 | LF | 2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer | 76.75 | 3.18 |

# 06 60 Plastic Fabrications *(06)*

## 06 65 Plastic Trim *(06 60)*

#### 06 65 00 00-0001 Plastic Moldings *(06 65)*

Note: All dimensions are nominal.

#### 06 65 00 00-0002 Base, Plastic Moldings *(06 65 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 06 65 00 00-0003 | LF | 3-1/2" High, Base, Plastic Molding | 7.01 | 1.71 |
| 06 65 00 00-0004 | LF | 4-1/2" High, Base, Plastic Molding | 8.43 | 2.15 |
| 06 65 00 00-0005 | LF | 3/4" x 1", Base Shoe, Plastic Molding | 6.03 | 1.81 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **06 65 00 00-0006** | | **Cornice, Plastic Moldings** *(06 65 00 00-0001)* | | |
| 06 65 00 00-0007 | LF | 1" x 2" Cornice, Plastic Molding | 6.10 | 1.71 |
| 06 65 00 00-0008 | LF | 1" x 4" Cornice, Plastic Molding | 8.41 | 1.81 |
| 06 65 00 00-0009 | LF | 1" x 6" Cornice, Plastic Molding | 12.95 | 1.89 |
| 06 65 00 00-0010 | LF | 1" x 8" Cornice, Plastic Molding | 15.34 | 1.98 |
| 06 65 00 00-0011 | LF | 1" x 10" Cornice, Plastic Molding | 18.13 | 2.06 |
| 06 65 00 00-0012 | LF | 1" x 12" Cornice, Plastic Molding | 24.29 | 2.15 |
| **06 65 00 00-0013** | | **Crown Or Bed, Plastic Moldings** *(06 65 00 00-0001)* | | |
| 06 65 00 00-0014 | LF | 9/16" x 1-5/8" Crown Or Bed, Plastic Molding | 14.17 | 1.71 |
| 06 65 00 00-0015 | LF | 9/16" x 2-1/4" Crown Or Bed, Plastic Molding | 19.34 | 2.15 |
| 06 65 00 00-0016 | LF | 9/16" x 3-1/2" Crown Or Bed, Plastic Molding | 20.38 | 2.15 |
| 06 65 00 00-0017 | LF | 9/16" x 3-5/8" Crown Or Bed, Plastic Molding | 21.41 | 2.15 |
| 06 65 00 00-0018 | LF | 5/8" x 4-1/4" Crown Or Bed, Plastic Molding | 28.45 | 2.57 |
| 06 65 00 00-0019 | LF | 11/16" x 4-5/8" Crown Or Bed, Plastic Molding | 34.85 | 2.57 |
| **06 65 00 00-0020** | | **Dentil, Plastic Moldings** *(06 65 00 00-0001)* | | |
| 06 65 00 00-0021 | LF | 11/16" x 1-3/8" Dentil, Plastic Molding | 11.43 | 1.71 |
| 06 65 00 00-0022 | LF | 5/8" x 2-1/2" Dentil, Plastic Molding | 13.39 | 1.71 |
| 06 65 00 00-0023 | LF | 1-3/8" x 3-3/8" Dentil, Plastic Molding | 17.80 | 1.71 |
| 06 65 00 00-0024 | LF | 1-1/2" x 4-1/2" Dentil, Plastic Molding | 25.41 | 1.71 |
| **06 65 00 00-0025** | | **Cove, Plastic Moldings** *(06 65 00 00-0001)* | | |
| 06 65 00 00-0026 | LF | 3/8" x 3/8" Cove, Plastic Molding | 3.80 | 0.95 |
| 06 65 00 00-0027 | LF | 1/2" x 1/2" Cove, Plastic Molding | 4.32 | 0.95 |
| 06 65 00 00-0028 | LF | 5/8" x 5/8" Cove, Plastic Molding | 5.94 | 1.12 |
| 06 65 00 00-0029 | LF | 3/4" x 3/4" Cove, Plastic Molding | 5.94 | 1.12 |
| 06 65 00 00-0030 | LF | 15/16" x 15/16" Cove, Plastic Molding | 8.23 | 1.12 |
| 06 65 00 00-0031 | LF | 9/16" x 1-3/4" Cove, Plastic Molding | 11.03 | 1.29 |
| 06 65 00 00-0032 | LF | 11/16" x 2-3/4" Cove, Plastic Molding | 15.87 | 1.29 |
| **06 65 00 00-0033** | | **Chair Rail, Plastic Moldings** *(06 65 00 00-0001)* | | |
| 06 65 00 00-0034 | LF | 1/2" x 1-5/8" Chair Rail, Plastic Molding | 6.87 | 1.29 |
| 06 65 00 00-0035 | LF | 5/8" x 2-1/2" Chair Rail, Plastic Molding | 9.30 | 1.71 |
| 06 65 00 00-0036 | LF | 5/8" x 3-1/2" Chair Rail, Plastic Molding | 12.28 | 1.71 |
| **06 65 00 00-0037** | | **Door, Plastic Moldings** *(06 65 00 00-0001)* | | |
| 06 65 00 00-0038 | LF | 1-1/8" Wide, Door, Plastic Molding | 4.89 | 1.54 |
| 06 65 00 00-0039 | LF | 1-1/8" Wide, Detailed Door, Plastic Molding | 4.96 | 1.54 |
| **06 65 00 00-0040** | | **Trim, Plastic Moldings** *(06 65 00 00-0001)* | | |
| 06 65 00 00-0041 | LF | 1/2" x 1/2" Quarter Round Trim, Plastic Molding | 4.70 | 1.81 |
| 06 65 00 00-0042 | LF | 3/4" x 3/4" Quarter Round Trim, Plastic Molding | 5.78 | 1.81 |
| 06 65 00 00-0043 | LF | 1-1/4" x 2" Brick Mould, Plastic Molding | 6.32 | 1.71 |
| 06 65 00 00-0044 | LF | 1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding | 7.68 | 1.71 |
| 06 65 00 00-0045 | LF | 11/16" x 1-5/8" Drip Cap, Plastic Molding | 5.01 | 1.71 |
| 06 65 00 00-0046 | LF | 2-3/4" x 2" Water Table, Plastic Molding | 8.66 | 1.71 |
| 06 65 00 00-0047 | LF | 3/8" x 2" Garage Door Stop, Plastic Molding | 5.75 | 1.71 |
| **06 65 00 00-0048** | | **Extruded Polyvinyl Chloride (PVC) Trimboard** *(06 65)*<br>Note: As manufactured by Azek or Kleer. All dimensions are nominal. | | |
| 06 65 00 00-0049 | LF | 1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard | 4.64 | 0.69 |
| 06 65 00 00-0050 | LF | 1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard | 6.91 | 0.78 |
| 06 65 00 00-0051 | LF | 1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard | 9.16 | 0.86 |
| 06 65 00 00-0052 | LF | 1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard | 11.18 | 0.88 |
| 06 65 00 00-0053 | LF | 1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard | 13.41 | 0.90 |
| 06 65 00 00-0054 | LF | 5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard | 5.84 | 0.69 |
| 06 65 00 00-0055 | LF | 5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard | 8.77 | 0.78 |
| 06 65 00 00-0056 | LF | 5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard | 11.24 | 0.86 |
| 06 65 00 00-0057 | LF | 5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard | 14.02 | 0.88 |
| 06 65 00 00-0058 | LF | 5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard | 16.58 | 0.90 |
| 06 65 00 00-0059 | LF | 3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board | 13.37 | 0.88 |
| 06 65 00 00-0060 | LF | 5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board | 18.00 | 0.90 |
| 06 65 00 00-0061 | SF | 1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets | 9.25 | 0.78 |
| 06 65 00 00-0062 | SF | 3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets | 13.52 | 0.86 |

## 06 70 Structural Composites *(06)*

### 06 74 Composite Gratings *(06 70)*

#### 06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings *(06 74 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST | |
|---|---|---|---|---|---|
| **06 74 13 00-0002** | | **Vi-Corr Resin System** *(06 74 13 00-0001)* Note: Orange or dark gray. | | | |
| 06 74 13 00-0003 | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top | 38.46 | 1.73 | |
| 06 74 13 00-0004 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top | 37.36 | 1.73 | |
| 06 74 13 00-0005 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top | 48.77 | 1.73 | |
| 06 74 13 00-0006 | SF | 2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top | 52.80 | 2.21 | |
| 06 74 13 00-0007 | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top | 40.36 | 1.73 | |
| 06 74 13 00-0008 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top | 39.22 | 1.73 | |
| 06 74 13 00-0009 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top | 51.52 | 1.73 | |
| 06 74 13 00-0010 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top | 55.39 | 2.21 | |
| 06 74 13 00-0011 | SF | 1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering | 36.44 | 1.38 | |
| 06 74 13 00-0012 | SF | 1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering | 59.09 | 1.52 | |
| 06 74 13 00-0013 | SF | 3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering | 80.98 | 1.67 | |
| **06 74 13 00-0014** | | **IFR Fire Retardant Isophthalic Resin** *(06 74 13 00-0001)* | | | |
| 06 74 13 00-0015 | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top | 35.37 | 1.73 | |
| 06 74 13 00-0016 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top | 33.12 | 1.73 | |
| 06 74 13 00-0017 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top | 42.64 | 1.73 | |
| 06 74 13 00-0018 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top | 45.99 | 2.21 | |
| 06 74 13 00-0019 | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top | 36.93 | 1.73 | |
| 06 74 13 00-0020 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top | 34.00 | 1.73 | |
| 06 74 13 00-0021 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top | 46.32 | 2.21 | |
| 06 74 13 00-0022 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top | 48.56 | 2.21 | |
| 06 74 13 00-0023 | SF | 1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering | 32.12 | 1.38 | |
| 06 74 13 00-0024 | SF | 1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering | 45.50 | 1.52 | |
| 06 74 13 00-0025 | SF | 3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering | 62.52 | 1.67 | |
| **06 74 13 00-0026** | | **Corvex Polyester Resin** *(06 74 13 00-0001)* Note: Dark gray. | | | |
| 06 74 13 00-0027 | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top | 29.99 | 1.73 | |
| 06 74 13 00-0028 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top | 28.80 | 1.73 | |
| 06 74 13 00-0029 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top | 34.94 | 1.73 | |
| 06 74 13 00-0030 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top | 40.15 | 2.21 | |
| 06 74 13 00-0031 | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top | 31.97 | 1.73 | |
| 06 74 13 00-0032 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top | 30.77 | 1.73 | |
| 06 74 13 00-0033 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top | 37.23 | 1.73 | |
| 06 74 13 00-0034 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top | 42.11 | 2.21 | |
| 06 74 13 00-0035 | SF | 1/4" Corvex Polyester Resin, Fiberplate Covering | 28.35 | 1.38 | |
| 06 74 13 00-0036 | SF | 1/2" Corvex Polyester Resin, Fiberplate Covering | 45.30 | 1.52 | |
| 06 74 13 00-0037 | SF | 3/4" Corvex Polyester Resin, Fiberplate Covering | 62.85 | 1.67 | |
| **06 74 13 00-0038** | | **XFR Extra Fire Retardant** *(06 74 13 00-0001)* | | | |
| 06 74 13 00-0039 | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top | 44.17 | 1.73 | |
| 06 74 13 00-0040 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top | 42.89 | 1.73 | |
| 06 74 13 00-0041 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top | 58.74 | 1.73 | |
| 06 74 13 00-0042 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top | 62.74 | 2.21 | |
| 06 74 13 00-0043 | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top | 46.11 | 1.73 | |
| 06 74 13 00-0044 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top | 44.85 | 1.73 | |
| 06 74 13 00-0045 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top | 61.04 | 1.73 | |
| 06 74 13 00-0046 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top | 65.52 | 2.21 | |
| 06 74 13 00-0047 | SF | 1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering | 41.76 | 1.38 | |
| 06 74 13 00-0048 | SF | 1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering | 67.59 | 1.52 | |
| **06 74 13 00-0049** | | **ELS Extremely Low Smoke Resin** *(06 74 13 00-0001)* | | | |
| 06 74 13 00-0050 | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top | 45.31 | 1.73 | |
| 06 74 13 00-0051 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top | 43.93 | 1.73 | |
| 06 74 13 00-0052 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top | 57.17 | 1.73 | |
| 06 74 13 00-0053 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top | 61.25 | 2.21 | |
| 06 74 13 00-0054 | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top | 47.10 | 1.73 | |
| 06 74 13 00-0055 | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top | 45.97 | 1.73 | |
| 06 74 13 00-0056 | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top | 59.37 | 1.73 | |
| 06 74 13 00-0057 | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top | 63.49 | 2.21 | |
| 06 74 13 00-0058 | SF | 1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering | 46.69 | 1.38 | |
| 06 74 13 00-0059 | SF | 1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering | 84.25 | 1.52 | |
| **06 74 13 00-0060** | | **Pultruded Fiberglass Grating** *(06 74 13)* | | | |
| **06 74 13 00-0061** | | **ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0060)* Note: For moderately corrosive environments, green. | | | |
| **06 74 13 00-0062** | | **1" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)* | | | |
| 06 74 13 00-0063 | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin | 32.18 | 2.21 | |
| 06 74 13 00-0064 | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin | 28.55 | 1.73 | |
| 06 74 13 00-0065 | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin | 36.41 | 2.21 | |
| 06 74 13 00-0066 | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin | 33.66 | 1.73 | |
| 06 74 13 00-0067 | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin | 25.08 | 2.21 | |
| 06 74 13 00-0068 | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin | 22.20 | 1.73 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 74 13 00-0069 | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin | 28.75 | 2.21 |
| 06 74 13 00-0070 | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin | 25.94 | 1.73 |
| 06 74 13 00-0071 | | 1-1/2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)* | | |
| 06 74 13 00-0072 | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin | 36.37 | 2.21 |
| 06 74 13 00-0073 | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin | 32.83 | 1.73 |
| 06 74 13 00-0074 | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin | 40.89 | 2.21 |
| 06 74 13 00-0075 | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin | 38.36 | 1.73 |
| 06 74 13 00-0076 | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin | 31.96 | 2.21 |
| 06 74 13 00-0077 | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin | 29.15 | 1.73 |
| 06 74 13 00-0078 | | 2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)* | | |
| 06 74 13 00-0079 | SF | 2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin | 31.51 | 2.21 |
| 06 74 13 00-0080 | SF | 2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin | 34.89 | 2.21 |
| 06 74 13 00-0081 | SF | 2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin | 42.21 | 2.21 |
| 06 74 13 00-0082 | SF | 2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin | 39.82 | 2.21 |
| 06 74 13 00-0083 | | VERF Vinyl Ester Resin System *(06 74 13 00-0060)* | | |
| 06 74 13 00-0084 | | 1" VERF Vinyl Ester Resin System *(06 74 13 00-0083)* | | |
| 06 74 13 00-0085 | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin | 34.09 | 1.73 |
| 06 74 13 00-0086 | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin | 30.47 | 1.73 |
| 06 74 13 00-0087 | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin | 38.36 | 1.73 |
| 06 74 13 00-0088 | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin | 44.06 | 1.73 |
| 06 74 13 00-0089 | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin | 26.13 | 1.73 |
| 06 74 13 00-0090 | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin | 23.33 | 1.73 |
| 06 74 13 00-0091 | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin | 30.02 | 1.73 |
| 06 74 13 00-0092 | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin | 27.53 | 1.73 |
| 06 74 13 00-0093 | | 1-1/2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)* | | |
| 06 74 13 00-0094 | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin | 37.44 | 1.73 |
| 06 74 13 00-0095 | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin | 33.86 | 1.73 |
| 06 74 13 00-0096 | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin | 42.83 | 1.73 |
| 06 74 13 00-0097 | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin | 39.98 | 1.73 |
| 06 74 13 00-0098 | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin | 33.63 | 1.73 |
| 06 74 13 00-0099 | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin | 30.97 | 1.73 |
| 06 74 13 00-0100 | | 2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)* | | |
| 06 74 13 00-0101 | SF | 2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin | 33.12 | 2.21 |
| 06 74 13 00-0102 | SF | 2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin | 30.52 | 2.21 |
| 06 74 13 00-0103 | SF | 2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin | 44.46 | 2.21 |
| 06 74 13 00-0104 | SF | 2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin | 43.17 | 2.21 |
| 06 80 | | Composite Fabrications *(06)* | | |
| 06 82 | | Composite Trim *(06 80)* | | |
| 06 82 00 00-0001 | | Fiberglass Castings *(06 82)* | | |
| 06 82 00 00-0002 | | Fiberglass Angle, Equal Legs *(06 82 00 00-0001)* | | |
| 06 82 00 00-0003 | LF | 1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin | 8.26 | 2.88 |
| 06 82 00 00-0004 | LF | 1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin | 8.66 | 2.88 |
| 06 82 00 00-0005 | LF | 3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin | 15.47 | 3.46 |
| 06 82 00 00-0006 | LF | 3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin | 17.09 | 3.46 |
| 06 82 00 00-0007 | LF | 4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin | 17.19 | 3.46 |
| 06 82 00 00-0008 | LF | 4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin | 18.36 | 3.46 |
| 06 82 00 00-0009 | LF | 4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin | 19.94 | 3.46 |
| 06 82 00 00-0010 | LF | 4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin | 22.44 | 3.46 |
| 06 82 00 00-0011 | LF | 6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin | 53.81 | 4.33 |
| 06 82 00 00-0012 | LF | 6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin | 61.91 | 4.33 |
| 06 82 00 00-0013 | | Fiberglass Channels *(06 82 00 00-0001)* | | |
| 06 82 00 00-0014 | LF | 3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin | 9.54 | 4.33 |
| 06 82 00 00-0015 | LF | 3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin | 9.94 | 4.33 |
| 06 82 00 00-0016 | LF | 4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin | 19.97 | 4.90 |
| 06 82 00 00-0017 | LF | 4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin | 19.97 | 4.90 |
| 06 82 00 00-0018 | LF | 6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin | 31.33 | 4.90 |
| 06 82 00 00-0019 | LF | 6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin | 36.44 | 4.90 |
| 06 82 00 00-0020 | LF | 8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin | 29.42 | 4.90 |
| 06 82 00 00-0021 | LF | 8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin | 35.60 | 4.90 |
| 06 82 00 00-0022 | LF | 10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin | 44.83 | 6.74 |
| 06 82 00 00-0023 | LF | 10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin | 51.42 | 6.74 |
| 06 82 00 00-0024 | | Fiberglass Wide Flange Beams *(06 82 00 00-0001)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 82 00 00-0025 | LF | 4" x 4" x 1/4"Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin | 27.31 | 5.77 |
| 06 82 00 00-0026 | LF | 4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin | 29.86 | 5.77 |
| 06 82 00 00-0027 | LF | 6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin | 34.94 | 6.93 |
| 06 82 00 00-0028 | LF | 6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin | 36.16 | 6.93 |
| 06 82 00 00-0029 | LF | 8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin | 56.38 | 8.65 |
| 06 82 00 00-0030 | LF | 8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin | 70.77 | 8.65 |
| 06 82 00 00-0031 | LF | 10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin | 125.29 | 10.58 |
| 06 82 00 00-0032 | LF | 10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin | 141.02 | 10.58 |
| **06 82 00 00-0033** | | **Fiberglass Flat Sheet** *(06 82 00 00-0001)* | | |
| | | Note: Not to be used for bathroom board. | | |
| 06 82 00 00-0034 | SF | 1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin | 22.56 | 4.90 |
| 06 82 00 00-0035 | SF | 1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin | 23.57 | 4.90 |
| 06 82 00 00-0036 | SF | 1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin | 35.48 | 5.77 |
| 06 82 00 00-0037 | SF | 1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin | 40.82 | 5.77 |
| 06 82 00 00-0038 | SF | 3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin | 48.14 | 6.93 |
| 06 82 00 00-0039 | SF | 3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin | 56.16 | 6.93 |
| 06 82 00 00-0040 | SF | 1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin | 64.92 | 8.65 |
| 06 82 00 00-0041 | SF | 1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin | 77.20 | 8.65 |
| **06 82 00 00-0042** | | **Fiberglass Bars** *(06 82 00 00-0001)* | | |
| **06 82 00 00-0043** | | **Square Bars** *(06 82 00 00-0042)* | | |
| 06 82 00 00-0044 | LF | 1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin | 13.42 | 3.46 |
| 06 82 00 00-0045 | LF | 1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin | 19.25 | 5.10 |
| 06 82 00 00-0046 | LF | 1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin | 22.58 | 6.74 |
| **06 82 00 00-0047** | | **Round Bars** *(06 82 00 00-0042)* | | |
| 06 82 00 00-0048 | LF | 1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin | 8.62 | 2.88 |
| 06 82 00 00-0049 | LF | 1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin | 18.50 | 4.33 |
| 06 82 00 00-0050 | LF | 1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin | 20.94 | 4.33 |
| 06 82 00 00-0051 | LF | 1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin | 27.76 | 4.33 |
| 06 82 00 00-0052 | LF | 1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin | 33.17 | 4.90 |
| **06 82 00 00-0053** | | **Fiberglass Tubes** *(06 82 00 00-0001)* | | |
| **06 82 00 00-0054** | | **Square Tube** *(06 82 00 00-0053)* | | |
| 06 82 00 00-0055 | LF | 1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin | 9.72 | 2.88 |
| 06 82 00 00-0056 | LF | 1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin | 10.51 | 2.88 |
| 06 82 00 00-0057 | LF | 2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin | 14.38 | 3.46 |
| 06 82 00 00-0058 | LF | 2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin | 15.77 | 3.46 |
| 06 82 00 00-0059 | LF | 3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin | 27.45 | 4.33 |
| 06 82 00 00-0060 | LF | 3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin | 30.66 | 4.33 |
| 06 82 00 00-0061 | LF | 4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin | 32.31 | 5.19 |
| 06 82 00 00-0062 | LF | 4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin | 41.25 | 5.19 |
| **06 82 00 00-0063** | | **Round Tube** *(06 82 00 00-0053)* | | |
| 06 82 00 00-0064 | LF | 1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin | 9.30 | 2.88 |
| 06 82 00 00-0065 | LF | 1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin | 9.66 | 2.88 |
| 06 82 00 00-0066 | LF | 2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin | 17.47 | 3.46 |
| 06 82 00 00-0067 | LF | 2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin | 18.65 | 3.46 |
| **06 82 00 00-0068** | | **Fiberglass Threaded Rods** *(06 82 00 00-0001)* | | |
| 06 82 00 00-0069 | LF | 3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin | 12.59 | 2.21 |
| 06 82 00 00-0070 | LF | 1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin | 13.41 | 2.21 |
| 06 82 00 00-0071 | LF | 5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin | 15.38 | 2.50 |
| 06 82 00 00-0072 | LF | 3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin | 16.96 | 2.50 |
| 06 82 00 00-0073 | LF | 1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin | 18.75 | 2.50 |
| **06 82 00 00-0074** | | **Grating Support Legs, VEFR Resin** *(06 82 00 00-0001)* | | |
| 06 82 00 00-0075 | EA | Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings | 24.18 | |
| 06 82 00 00-0076 | EA | Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings | 10.36 | |
| 06 82 00 00-0077 | EA | Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings | 38.97 | |
| **06 82 00 00-0078** | | **Fiberglass Netting** *(06 82 00 00-0001)* | | |
| 06 82 00 00-0079 | SF | 1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting | 0.60 | 0.27 |
| 06 82 00 00-0080 | SF | 1/2" x 2" Mesh, Clear Flexible Fiberglass Netting | 0.60 | 0.27 |
| 06 82 00 00-0081 | SF | 3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting | 0.60 | 0.27 |
| 06 82 00 00-0082 | SF | 7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting | 0.60 | 0.27 |
| 06 82 00 00-0083 | SF | 1" x 1" Mesh, Clear Flexible Fiberglass Netting | 0.60 | 0.27 |
| 06 82 00 00-0084 | SF | 1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting | 0.58 | 0.27 |
| 06 82 00 00-0085 | SF | 1/2" x 2" Mesh, Green Flexible Fiberglass Netting | 0.58 | 0.27 |
| 06 82 00 00-0086 | SF | 3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting | 0.58 | 0.27 |
| 06 82 00 00-0087 | SF | 7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting | 0.58 | 0.27 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 06 82 00 00-0088 | SF | 1" x 1" Mesh, Green Flexible Fiberglass Netting | 0.58 | 0.27 |
| 06 82 00 00-0089 | | Fiberglass Stair Treads *(06 82)* | | |
| 06 82 00 00-0090 | | Fiberglass Stair Treads *(06 82 00 00-0089)* | | |
| 06 82 00 00-0091 | | 10-1/2" Deep Isophthalic Resin System *(06 82 00 00-0090)* | | |
| 06 82 00 00-0092 | EA | 1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System | 85.34 | 15.10 |
| 06 82 00 00-0093 | EA | 1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System | 99.16 | 15.10 |
| 06 82 00 00-0094 | EA | 1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System | 112.98 | 15.10 |
| 06 82 00 00-0095 | EA | 1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System | 126.79 | 15.10 |
| 06 82 00 00-0096 | EA | 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System | 93.63 | 15.10 |
| 06 82 00 00-0097 | EA | 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System | 109.52 | 15.10 |
| 06 82 00 00-0098 | EA | 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System | 125.41 | 15.10 |
| 06 82 00 00-0099 | EA | 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System | 141.30 | 15.10 |
| 06 82 00 00-0100 | EA | 2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System | 106.34 | 15.10 |
| 06 82 00 00-0101 | EA | 2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System | 125.41 | 15.10 |
| 06 82 00 00-0102 | EA | 2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System | 144.48 | 15.10 |
| 06 82 00 00-0103 | EA | 2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System | 163.55 | 15.10 |
| 06 82 00 00-0104 | | 12" Deep Isophthalic Resin System *(06 82 00 00-0090)* | | |
| 06 82 00 00-0105 | EA | 1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System | 93.24 | 15.10 |
| 06 82 00 00-0106 | EA | 1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System | 109.03 | 15.10 |
| 06 82 00 00-0107 | EA | 1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System | 124.83 | 15.10 |
| 06 82 00 00-0108 | EA | 1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System | 140.62 | 15.10 |
| 06 82 00 00-0109 | EA | 1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System | 102.71 | 15.10 |
| 06 82 00 00-0110 | EA | 1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System | 120.87 | 15.10 |
| 06 82 00 00-0111 | EA | 1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System | 139.04 | 15.10 |
| 06 82 00 00-0112 | EA | 1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System | 157.20 | 15.10 |
| 06 82 00 00-0113 | EA | 2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System | 117.24 | 15.10 |
| 06 82 00 00-0114 | EA | 2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System | 139.04 | 15.10 |
| 06 82 00 00-0115 | EA | 2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System | 160.83 | 15.10 |
| 06 82 00 00-0116 | EA | 2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System | 182.63 | 15.10 |
| 06 82 00 00-0117 | | Other Fiberglass *(06 82)* | | |
| 06 82 00 00-0118 | | Fiberglass Splash Blocks *(06 82 00 00-0117)* | | |
| 06 82 00 00-0119 | EA | Standard Size Fiberglass Splash Block | 15.39 | 2.75 |

## 06 83 Composite Paneling *(06 80)*

### 06 83 16 Fiberglass Reinforced Paneling *(06 83)*

06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels *(06 83 16)*
Note: Includes adhesive and trim.

| | | | | |
|---|---|---|---|---|
| 06 83 16 00-0002 | SF | Fiberglass Reinforced Polyester (FRP) Paneling<br>Note: Including Adhesive And Trim | 4.35 | 1.38 |

**END OF SECTION 06**

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 07 Thermal And Moisture Protection

## 07 01 Operation and Maintenance of Thermal and Moisture Protection *(07)*

### 07 01 50 Maintenance of Membrane Roofing *(07 01)*

#### 07 01 50 19 Preparation for Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

| | | | | |
|---|---|---|---|---|
| 07 01 50 19-0002 | SQ | Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal | 31.81 | |
| 07 01 50 19-0003 | SQ | Removal Of Gravel Ballast From Roof, Vacuum And Disposal | 56.14 | |

#### 07 01 50 81 Roof Replacement *(07 01 50)*

07 01 50 81-0001 Roof Repair *(07 01 50 81)*

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

| | | | | |
|---|---|---|---|---|
| 07 01 50 81-0002 | SF | Up To 10 SF Roof Repair, Built-Up Roofing | 18.33 | |
| 07 01 50 81-0003 | SF | >10 To 25 SF Roof Repair, Built-Up Roofing | 16.54 | |
| 07 01 50 81-0004 | SF | >25 To 50 SF Roof Repair, Built-Up Roofing | 15.11 | |
| 07 01 50 81-0005 | SF | >50 To 100 SF Roof Repair, Built-Up Roofing | 14.04 | |
| 07 01 50 81-0006 | SF | Up To 10 SF Roof Repair, Membrane Roofing | 21.03 | |
| 07 01 50 81-0007 | SF | >10 To 25 SF Roof Repair, Membrane Roofing | 19.23 | |
| 07 01 50 81-0008 | SF | >25 To 50 SF Roof Repair, Membrane Roofing | 17.80 | |
| 07 01 50 81-0009 | SF | >50 To 100 SF Roof Repair, Membrane Roofing | 16.74 | |
| 07 01 50 81-0010 | SF | Up To 10 SF Roof Repair, Shingle Roofing | 15.65 | |
| 07 01 50 81-0011 | SF | >10 To 25 SF Roof Repair, Shingle Roofing | 14.12 | |
| 07 01 50 81-0012 | SF | >25 To 50 SF Roof Repair, Shingle Roofing | 12.96 | |
| 07 01 50 81-0013 | SF | >50 To 100 SF Roof Repair, Shingle Roofing | 12.16 | |
| 07 01 50 81-0014 | LF | Heat Weld Roofing Seams For Repair | 5.28 | |

07 01 50 81-0015 Emergency Roof Patch *(07 01 50 81)*

Note: 4 Hour response time.

| | | | | |
|---|---|---|---|---|
| 07 01 50 81-0016 | EA | Granule Emergency Roof Patch Cover 16 SF | 76.86 | |
| 07 01 50 81-0017 | EA | Mobilize For Emergency Roof Patching | 306.39 | |

07 01 50 81-0018 Adhesives *(07 01 50 81)*

Note: For repair of seams.

07 01 50 81-0019 Mastic Sealer *(07 01 50 81-0018)*

07 01 50 81-0020 Applied At Joints Only *(07 01 50 81-0019)*

| | | | | |
|---|---|---|---|---|
| 07 01 50 81-0021 | LF | Mastic Sealer, 1/4" Bead At Joint | 3.06 | 1.31 |

## 07 05 Common Work Results for Thermal and Moisture Protection *(07)*

### 07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05)*

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05 13)*

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

| | | | | |
|---|---|---|---|---|
| 07 05 13 00-0002 | EA | Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work | 922.12 | |
| 07 05 13 00-0003 | EA | >1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work | 689.94 | |
| 07 05 13 00-0004 | EA | >2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work | 461.06 | |
| 07 05 13 00-0005 | EA | >3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work | 229.98 | |

## 07 10 Dampproofing and Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

### 07 11 Dampproofing *(07 10)*

#### 07 11 13 Bituminous Dampproofing *(07 11)*

07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*

| | | | | |
|---|---|---|---|---|
| 07 11 13 00-0002 | CSF | 1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray | 131.95 | |
| 07 11 13 00-0003 | CSF | 2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray | 193.33 | |

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*

| | | | | |
|---|---|---|---|---|
| 07 11 13 00-0005 | CSF | Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On | 234.88 | |
| 07 11 13 00-0006 | CSF | Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On | 376.81 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 11 13 00-0007** | | **Asphaltic Paint Dampproofing** *(07 11 13)* | | |
| 07 11 13 00-0008 | CSF | 1 Coat, Asphaltic Paint Dampproofing, Brushed On | 102.45 | |
| 07 11 13 00-0009 | CSF | 2 Coats, Asphaltic Paint Dampproofing, Brushed On | 191.07 | |
| **07 11 19** | | **Sheet Dampproofing** *(07 11)* | | |
| 07 11 19 00-0001 | | Neoprene *(07 11 19)* | | |
| 07 11 19 00-0002 | SF | 1/16" Patch Neoprene Roof (5 To 20 SF) | 25.20 | |

## 07 13 Sheet Waterproofing *(07 10)*

### 07 13 13 Bituminous Sheet Waterproofing *(07 13)*

| | | | | |
|---|---|---|---|---|
| 07 13 13 00-0001 | | 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)* | | |
| 07 13 13 00-0002 | CSF | 1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped | 239.73 | 75.51 |
| | | *For 30 LB Felt, Add* | *66.53* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-22.65* | |
| 07 13 13 00-0003 | CSF | 2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped | 309.49 | 84.94 |
| | | *For 30 LB Felt, Add* | *104.70* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-25.48* | |
| 07 13 13 00-0004 | CSF | 3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped | 379.25 | 94.38 |
| | | *For 30 LB Felt, Add* | *142.86* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-28.32* | |
| 07 13 13 00-0005 | CSF | 4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped | 449.00 | 103.83 |
| | | *For 30 LB Felt, Add* | *181.02* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-31.15* | |
| 07 13 13 00-0006 | CSF | 5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped | 518.76 | 113.26 |
| | | *For 30 LB Felt, Add* | *219.18* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-33.98* | |
| 07 13 13 00-0007 | | Asphalt Coated Protective Board *(07 13 13)* | | |
| 07 13 13 00-0008 | CSF | 1/8" Asphalt Coated Protective Board | 189.29 | 73.88 |
| | | *For Application To Horizontal Surfaces, Deduct* | *-24.64* | |
| 07 13 13 00-0009 | CSF | 1/4" Asphalt Coated Protective Board | 265.12 | 76.72 |
| | | *For Application To Horizontal Surfaces, Deduct* | *-25.58* | |
| 07 13 13 00-0010 | CSF | 3/8" Asphalt Coated Protective Board | 356.61 | 79.95 |
| | | *For Application To Horizontal Surfaces, Deduct* | *-26.64* | |
| 07 13 13 00-0011 | CSF | 1/2" Asphalt Coated Protective Board | 402.22 | 83.17 |
| | | *For Application To Horizontal Surfaces, Deduct* | *-27.73* | |

### 07 13 53 Elastomeric Sheet Waterproofing *(07 13)*

| | | | | |
|---|---|---|---|---|
| 07 13 53 00-0001 | | Rubberized Membrane Sheet *(07 13 53)* | | |
| 07 13 53 00-0002 | SF | 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface | 5.58 | 0.76 |
| | | *For Floor Surfaces, Deduct* | *-0.78* | |
| 07 13 53 00-0003 | | Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)* | | |
| 07 13 53 00-0004 | CSF | 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane | 301.11 | 107.41 |
| | | *For Application To Horizontal Surfaces, Deduct* | *-32.22* | |
| 07 13 53 00-0005 | CSF | 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane | 340.95 | 107.41 |
| | | *For Application To Horizontal Surfaces, Deduct* | *-32.22* | |
| 07 13 53 00-0006 | | Butyl Sheet Waterproofing *(07 13 53)* | | |
| 07 13 53 00-0007 | CSF | 1/32" Butyl Sheet Waterproofing | 89.32 | 26.85 |
| | | *For Joint Taping, Add* | *10.65* | |
| | | *For Each Additional Ply, Add* | *65.21* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-4.04* | |
| 07 13 53 00-0008 | CSF | 1/16" Butyl Sheet Waterproofing | 109.18 | 26.85 |
| | | *For Joint Taping, Add* | *11.65* | |
| | | *For Each Additional Ply, Add* | *79.12* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-4.04* | |
| 07 13 53 00-0009 | | Butyl With Nylon *(07 13 53)* | | |
| 07 13 53 00-0010 | CSF | 1/32" Butyl Elastomeric Waterproofing With Nylon | 100.67 | 26.85 |
| | | *For Joint Taping, Add* | *11.22* | |
| | | *For Each Additional Ply, Add* | *73.16* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-4.04* | |
| 07 13 53 00-0011 | CSF | 1/16" Butyl Elastomeric Waterproofing With Nylon | 113.44 | 26.85 |
| | | *For Joint Taping, Add* | *11.86* | |
| | | *For Each Additional Ply, Add* | *82.10* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-4.04* | |
| 07 13 53 00-0012 | | Neoprene Sheet Waterproofing *(07 13 53)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 13 53 00-0013 | CSF | 1/32" Neoprene Sheet Waterproofing | 166.00 | 26.85 |
| | | *For Joint Taping, Add* | *14.49* | |
| | | *For Each Additional Ply, Add* | *118.89* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-4.04* | |
| 07 13 53 00-0014 | CSF | 1/16" Neoprene Sheet Waterproofing | 250.54 | 26.85 |
| | | *For Joint Taping, Add* | *18.71* | |
| | | *For Each Additional Ply, Add* | *178.07* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-4.04* | |

### 07 13 53 00-0015 Neoprene With Nylon *(07 13 53)*

| | | | | |
|---|---|---|---|---|
| 07 13 53 00-0016 | CSF | 1/32" Neoprene Elastomeric Waterproofing With Nylon | 174.82 | 26.85 |
| | | *For Joint Taping, Add* | *14.93* | |
| | | *For Each Additional Ply, Add* | *125.06* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-4.04* | |
| 07 13 53 00-0017 | CSF | 1/16" Neoprene Elastomeric Waterproofing With Nylon | 264.64 | 26.85 |
| | | *For Joint Taping, Add* | *19.42* | |
| | | *For Each Additional Ply, Add* | *187.94* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-4.04* | |

### 07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) *(07 13 53)*

| | | | | |
|---|---|---|---|---|
| 07 13 53 00-0019 | CSF | 4 Mil Polyethylene Vapor Barrier | 29.54 | 10.47 |
| | | *For Joint Taping, Add* | *6.81* | |
| | | *For Each Additional Ply, Add* | *23.00* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-3.48* | |
| 07 13 53 00-0020 | CSF | 6 Mil Polyethylene Vapor Barrier | 30.46 | 10.47 |
| | | *For Joint Taping, Add* | *6.85* | |
| | | *For Each Additional Ply, Add* | *23.64* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-3.48* | |
| 07 13 53 00-0021 | CSF | 10 Mil Polyethylene Vapor Barrier | 53.82 | 10.47 |
| | | *For Joint Taping, Add* | *8.02* | |
| | | *For Each Additional Ply, Add* | *39.99* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-3.48* | |
| 07 13 53 00-0022 | CSF | 60 Mil Polyethylene Vapor Barrier With Bentonite<br>Note: Includes seam tape, liquid mastic, anchors and termination bar. | 94.76 | 10.47 |
| | | *For Each Additional Ply, Add* | *68.91* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-3.86* | |

### 07 13 53 00-0023 Plastic Vapor Barrier (PVC) *(07 13 53)*

| | | | | |
|---|---|---|---|---|
| 07 13 53 00-0024 | CSF | 10 Mil Polyvinyl Chloride (PVC) Vapor Barrier | 37.77 | 11.59 |
| | | *For Joint Taping, Add* | *7.22* | |
| | | *For Each Additional Ply, Add* | *28.76* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-3.48* | |
| 07 13 53 00-0025 | CSF | 20 Mil Polyvinyl Chloride (PVC) Vapor Barrier | 49.26 | 12.02 |
| | | *For Joint Taping, Add* | *8.00* | |
| | | *For Each Additional Ply, Add* | *36.89* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-3.61* | |
| 07 13 53 00-0026 | CSF | 30 Mil Polyvinyl Chloride (PVC) Vapor Barrier | 64.69 | 12.44 |
| | | *For Joint Taping, Add* | *8.96* | |
| | | *For Each Additional Ply, Add* | *47.77* | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-3.74* | |

### 07 13 53 00-0027 Vinyl Plastic Vapor Barrier *(07 13 53)*

| | | | | |
|---|---|---|---|---|
| 07 13 53 00-0028 | CSF | 4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4) | 34.23 | 10.73 |

## 07 14 Fluid-Applied Waterproofing *(07 10)*

### 07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

#### 07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating *(07 14 13)*

| | | | | |
|---|---|---|---|---|
| 07 14 13 00-0002 | SF | 90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface<br>Note: Includes primer. | 1.86 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-0.15* | |
| | | *For Reinforcing Fabric, Add* | *0.44* | |
| 07 14 13 00-0003 | SF | 125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface<br>Note: Includes primer. | 2.23 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-0.15* | |
| | | *For Reinforcing Fabric, Add* | *0.44* | |

### 07 14 16 Cold Fluid-Applied Waterproofing *(07 14)*

#### 07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane *(07 14 16)*

| | | | | |
|---|---|---|---|---|
| 07 14 16 00-0002 | SF | 60 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats | 2.87 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-0.32* | |
| 07 14 16 00-0003 | SF | 90 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats | 3.33 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-0.34* | |
| 07 14 16 00-0004 | SF | 120 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats | 3.82 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-0.36* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 14 16 00-0005 | | One Part Solution Of Chlorosulfonated Polyethylene Polymer *(07 14 16)* | | |
| 07 14 16 00-0006 | SF | 15 Mil Finish Coat, Chlorosulfonated Polyethylene (CSM) Polymer, 1 Part Solution | 1.91 | |
| 07 14 16 00-0007 | | Copolymer Compound *(07 14 16)* | | |
| 07 14 16 00-0008 | SF | Fluid Elastomeric Copolymer Compound For Slabs 32 Mil | 3.01 | |
| 07 14 16 00-0009 | | Fluid Applied Neoprene *(07 14 16)* | | |
| 07 14 16 00-0010 | CSF | 1/8" Fiberglass Reinforced, Fluid Neoprene | 373.26 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-39.13* | |
| 07 14 16 00-0011 | CSF | 50 Mil, 4 Coats, Fluid Neoprene | 740.51 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-76.76* | |
| 07 14 16 00-0012 | CSF | 90 Mil, 4 Coats, Fluid Neoprene | 1,224.77 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-115.08* | |

## 07 16 Cementitious and Reactive Waterproofing *(07 10)*

### 07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

| | | | | |
|---|---|---|---|---|
| 07 16 13 00-0001 | SF | Polymer Modified Cementitious Waterproofing Assembly, 2 Coats<br>Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer. | 4.19 | |
| 07 16 13 00-0002 | SF | Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate) | 5.52 | |

### 07 16 19 Metal Oxide Waterproofing *(07 16)*

| | | | | |
|---|---|---|---|---|
| 07 16 19 00-0001 | | Metallic Oxide Waterproofing *(07 16 19)*<br>Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging. | | |
| 07 16 19 00-0002 | CSF | Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller) | 450.15 | |
| | | *For Application To Horizontal Surfaces, Deduct* | *-56.61* | |

## 07 19 Water Repellents *(07 10)*

### 07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

| | | | | |
|---|---|---|---|---|
| 07 19 13 00-0001 | SF | Spray On Concrete, Acrylic Sealer | 1.78 | |
| 07 19 13 00-0002 | SF | Spray On Concrete Block/Brick, Acrylic Sealer | 2.11 | |
| 07 19 13 00-0003 | SF | Spray On Stone, Acrylic Sealer | 2.31 | |

### 07 19 16 Silane Water Repellents *(07 19)*

| | | | | |
|---|---|---|---|---|
| 07 19 16 00-0001 | | Silane Concrete Sealer *(07 19 16)* | | |
| 07 19 16 00-0002 | SF | Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB) | 0.59 | |
| 07 19 16 00-0003 | SF | Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB) | 0.89 | |
| 07 19 16 00-0004 | | Silane/Siloxane Concrete Sealer *(07 19 16)* | | |
| 07 19 16 00-0005 | SF | Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)<br>Note: 40% silane, alcohol based. | 1.13 | |
| 07 19 16 00-0006 | SF | Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)<br>Note: 40% silane, alcohol based. | 1.66 | |
| 07 19 16 00-0007 | SF | Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)<br>Note: 200 SF/GAL | 0.42 | |
| 07 19 16 00-0008 | SF | Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) | 0.63 | |

## 07 20 Thermal Protection *(07)*

## 07 21 Thermal Insulation *(07 20)*

### 07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied.

#### 07 21 13 13 Foam Board Insulation *(07 21 13)*

| | | | | |
|---|---|---|---|---|
| 07 21 13 13-0001 | | Cold Adhesive Applied Foam Board Insulation *(07 21 13 13)* | | |
| 07 21 13 13-0002 | | Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0001)* | | |
| 07 21 13 13-0003 | SF | 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied | 2.66 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 13 13-0004 | SF | 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied | 3.60 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0005 | SF | 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied | 4.22 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0006 | SF | 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied | 5.48 | 0.31 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |

## 07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 13 13-0008 | SF | 3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 1.49 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0009 | SF | 1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 1.38 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0010 | SF | 3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 1.54 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0011 | SF | 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 1.69 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0012 | SF | 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 2.30 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0013 | SF | 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 2.91 | 0.31 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0014 | SF | 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 3.52 | 0.32 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0015 | SF | 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 4.13 | 0.32 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| 07 21 13 13-0016 | SF | 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied | 4.73 | 0.33 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |

## 07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

Note: 15 PSI compressive strength.

| | | | | |
|---|---|---|---|---|
| 07 21 13 13-0018 | SF | 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied | 1.72 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.20* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.47* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.74* | |
| | | *For 115 PSI Compressive Strength, Add* | *3.23* | |
| 07 21 13 13-0019 | SF | 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied | 2.05 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.25* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.60* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.93* | |
| | | *For 115 PSI Compressive Strength, Add* | *4.08* | |
| 07 21 13 13-0020 | SF | 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied | 2.32 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.29* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.70* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.09* | |
| | | *For 115 PSI Compressive Strength, Add* | *4.75* | |
| 07 21 13 13-0021 | SF | 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied | 1.91 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.23* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.54* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.85* | |
| | | *For 115 PSI Compressive Strength, Add* | *3.70* | |
| 07 21 13 13-0022 | SF | 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied | 2.73 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.36* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.85* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.32* | |
| | | *For 115 PSI Compressive Strength, Add* | *5.78* | |
| 07 21 13 13-0023 | SF | 3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied | 3.57 | 0.31 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.49* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.16* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.80* | |
| | | *For 115 PSI Compressive Strength, Add* | *7.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 13 13-0024 | SF | 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied | 3.99 | 0.32 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.55* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.31* | |
| | | *For 60 PSI Compressive Strength, Add* | *2.03* | |
| | | *For 115 PSI Compressive Strength, Add* | *8.95* | |
| 07 21 13 13-0025 | | Mechanically Fastened Foam Board Insulation *(07 21 13 13)* | | |
| | | Note: Mechanically fastened to wood or steel. | | |
| 07 21 13 13-0026 | | Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0025)* | | |
| | | Note: Mechanically fastened to wood or steel. | | |
| 07 21 13 13-0027 | SF | 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened | 2.44 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0028 | SF | 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened | 3.45 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0029 | SF | 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened | 4.07 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 21 13 13-0030 | SF | 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened | 5.38 | 0.31 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 21 13 13-0031 | | Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)* | | |
| 07 21 13 13-0032 | SF | 3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 1.28 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0033 | SF | 1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 1.17 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 13 13-0034 | SF | 3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 1.32 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0035 | SF | 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 1.48 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0036 | SF | 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 2.15 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 21 13 13-0037 | SF | 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 2.82 | 0.31 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 21 13 13-0038 | SF | 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 3.51 | 0.32 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |
| 07 21 13 13-0039 | SF | 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 4.24 | 0.32 |
| | | *For Horizontal Surface Application, Deduct* | *-0.07* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.55* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *5.11* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 21 13 13-0040 | SF | 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) | 5.31 | 0.33 |
| | | *For Horizontal Surface Application, Deduct* | *-0.07* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 13 13-0042 | SF | 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened | 1.51 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.15* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.35* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.57* | |
| | | *For 115 PSI Compressive Strength, Add* | *2.45* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0043 | SF | 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened | 1.84 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.20* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.48* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.76* | |
| | | *For 115 PSI Compressive Strength, Add* | *3.30* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0044 | SF | 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened | 2.10 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.24* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.58* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.91* | |
| | | *For 115 PSI Compressive Strength, Add* | *3.96* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0045 | SF | 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened | 1.70 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.18* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.42* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.67* | |
| | | *For 115 PSI Compressive Strength, Add* | *2.91* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 13-0046 | SF | 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened | 2.58 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.32* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.75* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.17* | |
| | | *For 115 PSI Compressive Strength, Add* | *5.12* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 13 13-0047 | SF | 3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened | 3.47 | 0.31 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.45* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.08* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.68* | |
| | | *For 115 PSI Compressive Strength, Add* | *7.36* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 21 13 13-0048 | SF | 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened | 3.98 | 0.32 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.53* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.27* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.97* | |
| | | *For 115 PSI Compressive Strength, Add* | *8.65* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |

## 07 21 13 16 Fibrous Board Insulation *(07 21 13)*

### 07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation *(07 21 13 16)*

### 07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 13 16-0003 | SF | 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied | 1.84 | 0.37 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 16-0004 | SF | 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied | 2.58 | 0.44 |
| | | *For Horizontal Surface Application, Deduct* | *-0.08* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 16-0005 | SF | 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied | 3.31 | 0.52 |
| | | *For Horizontal Surface Application, Deduct* | *-0.09* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |

### 07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 13 16-0007 | SF | 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied | 3.01 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 16-0008 | SF | 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied | 4.84 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 16-0009 | SF | 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied | 6.02 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 16-0010 | SF | 2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied | 6.97 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 16-0011 | SF | 3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied | 7.91 | 0.31 |
| | | *For Horizontal Surface Application, Deduct* | *-0.05* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |

### 07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation *(07 21 13 16)*

Note: Mechanically fastened to wood or steel.

### 07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 13 16-0014 | SF | 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened | 1.52 | 0.37 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 16-0015 | SF | 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened | 2.32 | 0.44 |
| | | *For Horizontal Surface Application, Deduct* | *-0.08* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 21 13 16-0016 | SF | 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened | 3.10 | 0.52 |
| | | *For Horizontal Surface Application, Deduct* | *-0.09* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |

### 07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 21 13 16-0018 | SF | 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened | 2.80 | 0.29 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 16-0019 | SF | 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened | 4.69 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 16-0020 | SF | 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened | 5.86 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 21 13 16-0021 | SF | 2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened | 6.87 | 0.30 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 13 16-0022 | SF | 3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened | 7.81 | 0.31 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |

## 07 21 13 19 Mineral Board Insulation *(07 21 13)*

### 07 21 13 19-0001 Cold Adhesive Applied Mineral Board Insulation *(07 21 13 19)*

### 07 21 13 19-0002 Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation
*(07 21 13 19-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 13 19-0003 | SF | 1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied | 1.46 | 0.33 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 19-0004 | SF | 25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied | 1.68 | 0.35 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 19-0005 | SF | 1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied | 1.91 | 0.37 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 19-0006 | SF | 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied | 2.31 | 0.40 |
| | | *For Horizontal Surface Application, Deduct* | *-0.07* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 19-0007 | SF | 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied | 2.72 | 0.44 |
| | | *For Horizontal Surface Application, Deduct* | *-0.08* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| 07 21 13 19-0008 | SF | 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied | 3.53 | 0.52 |
| | | *For Horizontal Surface Application, Deduct* | *-0.09* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |

### 07 21 13 19-0009 Mechanically Fastened Mineral Board Insulation *(07 21 13 19)*
Note: Mechanically fastened to wood or steel.

### 07 21 13 19-0010 Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation
*(07 21 13 19-0009)*
Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 21 13 19-0011 | SF | 1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened | 1.14 | 0.33 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 19-0012 | SF | 25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened | 1.37 | 0.35 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 19-0013 | SF | 1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened | 1.60 | 0.37 |
| | | *For Horizontal Surface Application, Deduct* | *-0.06* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 13 19-0014 | SF | 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened | 2.05 | 0.40 |
| | | *For Horizontal Surface Application, Deduct* | *-0.07* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 21 13 19-0015 | SF | 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened | 2.46 | 0.44 |
| | | *For Horizontal Surface Application, Deduct* | *-0.08* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.09* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 21 13 19-0016 | SF | 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened | 3.32 | 0.52 |
| | | *For Horizontal Surface Application, Deduct* | *-0.09* | |
| | | *For Vapor Barrier, Integral With Insulation, Add* | *0.05* | |
| | | *For Factory Painted On One Surface Add* | *0.17* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |

## 07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

### 07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

### 07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 16 00-0003 | SF | 3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation | 1.32 | 0.41 |
| | | *For >1,600, Deduct* | *-0.14* | |
| 07 21 16 00-0004 | SF | 3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation | 1.43 | 0.41 |
| | | *For >1,600, Deduct* | *-0.16* | |
| 07 21 16 00-0005 | SF | 3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation | 1.46 | 0.41 |
| | | *For >1,600, Deduct* | *-0.17* | |
| 07 21 16 00-0006 | SF | 5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation | 1.93 | 0.41 |
| | | *For >1,600, Deduct* | *-0.26* | |
| 07 21 16 00-0007 | SF | 6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation | 1.65 | 0.41 |
| | | *For >1,600, Deduct* | *-0.20* | |
| 07 21 16 00-0008 | SF | 9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation | 2.28 | 0.51 |
| | | *For >1,600, Deduct* | *-0.31* | |
| 07 21 16 00-0009 | SF | 12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation | 2.59 | 0.51 |
| | | *For >1,600, Deduct* | *-0.35* | |

### 07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 16 00-0011 | SF | 3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation | 1.25 | 0.41 |
| | | *For >1,600, Deduct* | *-0.13* | |
| 07 21 16 00-0012 | SF | 3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation | 1.37 | 0.41 |
| | | *For >1,600, Deduct* | *-0.15* | |
| 07 21 16 00-0013 | SF | 3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation | 1.82 | 0.41 |
| | | *For >1,600, Deduct* | *-0.24* | |
| 07 21 16 00-0014 | SF | 5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation | 1.86 | 0.41 |
| | | *For >1,600, Deduct* | *-0.25* | |
| 07 21 16 00-0015 | SF | 6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation | 1.60 | 0.41 |
| | | *For >1,600, Deduct* | *-0.19* | |
| 07 21 16 00-0016 | SF | 9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation | 2.15 | 0.51 |
| | | *For >1,600, Deduct* | *-0.28* | |
| 07 21 16 00-0017 | SF | 12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation | 2.50 | 0.51 |
| | | *For >1,600, Deduct* | *-0.33* | |

### 07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 16 00-0019 | SF | 3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation | 1.51 | 0.41 |
| | | *For >1,600, Deduct* | *-0.18* | |
| 07 21 16 00-0020 | SF | 3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation | 1.68 | 0.41 |
| | | *For >1,600, Deduct* | *-0.21* | |
| 07 21 16 00-0021 | SF | 6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation | 1.89 | 0.41 |
| | | *For >1,600, Deduct* | *-0.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 16 00-0022 | SF | 10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation | 2.67 | 0.51 |
| | | *For >1,600, Deduct* | *-0.37* | |
| 07 21 16 00-0023 | SF | 12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation | 2.91 | 0.51 |
| | | *For >1,600, Deduct* | *-0.41* | |
| 07 21 16 00-0024 | | Poly-Encapsulated, Fiberglass Flexible Insulation *(07 21 16 00-0001)* | | |
| 07 21 16 00-0025 | SF | 3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation | 1.36 | 0.41 |
| | | *For >1,600, Deduct* | *-0.15* | |
| 07 21 16 00-0026 | SF | 3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation | 1.46 | 0.41 |
| | | *For >1,600, Deduct* | *-0.17* | |
| 07 21 16 00-0027 | SF | 5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation | 1.99 | 0.41 |
| | | *For >1,600, Deduct* | *-0.27* | |
| 07 21 16 00-0028 | SF | 6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation | 1.67 | 0.41 |
| | | *For >1,600, Deduct* | *-0.20* | |
| 07 21 16 00-0029 | SF | 8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation | 2.22 | 0.51 |
| | | *For >1,600, Deduct* | *-0.30* | |
| 07 21 16 00-0030 | SF | 10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation | 2.50 | 0.51 |
| | | *For >1,600, Deduct* | *-0.33* | |
| 07 21 16 00-0031 | | Mineral Wool Flexible Insulation *(07 21 16)* | | |
| 07 21 16 00-0032 | | Kraft Faced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)* | | |
| 07 21 16 00-0033 | SF | 3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation | 1.48 | 0.41 |
| | | *For >1,600, Deduct* | *-0.17* | |
| 07 21 16 00-0034 | SF | 6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation | 1.96 | 0.41 |
| | | *For >1,600, Deduct* | *-0.26* | |
| 07 21 16 00-0035 | SF | 9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation | 3.05 | 0.41 |
| | | *For >1,600, Deduct* | *-0.46* | |
| 07 21 16 00-0036 | SF | 12" Kraft Faced, R-38 Mineral Wool Flexible Insulation | 3.63 | 0.41 |
| | | *For >1,600, Deduct* | *-0.55* | |
| 07 21 16 00-0037 | | Unfaced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)* | | |
| 07 21 16 00-0038 | SF | 3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation | 1.38 | 0.41 |
| | | *For >1,600, Deduct* | *-0.15* | |
| 07 21 16 00-0039 | SF | 6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation | 1.80 | 0.41 |
| | | *For >1,600, Deduct* | *-0.23* | |
| 07 21 16 00-0040 | SF | 9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation | 2.74 | 0.41 |
| | | *For >1,600, Deduct* | *-0.40* | |
| 07 21 16 00-0041 | SF | 12" Unfaced, R-38 Mineral Wool Flexible Insulation | 3.26 | 0.41 |
| | | *For >1,600, Deduct* | *-0.48* | |
| 07 21 16 00-0042 | | Natural Cotton Insulation *(07 21 16)* | | |
| 07 21 16 00-0043 | | UltraTouch™ Natural Cotton Insulation *(07 21 16 00-0042)* | | |
| | | Note: 85% recycled denim cotton. | | |
| 07 21 16 00-0044 | SF | 3-1/2", R-13 UltraTouch™ Natural Cotton Insulation | 2.01 | 0.41 |
| | | *For >1,600, Deduct* | *-0.28* | |
| 07 21 16 00-0045 | SF | 5-1/2", R-19 UltraTouch™ Natural Cotton Insulation | 2.24 | 0.41 |
| | | *For >1,600, Deduct* | *-0.32* | |
| 07 21 16 00-0046 | SF | 5-1/2", R-21 UltraTouch™ Natural Cotton Insulation | 2.50 | 0.41 |
| | | *For >1,600, Deduct* | *-0.38* | |
| 07 21 16 00-0047 | SF | 8", R-30 UltraTouch™ Natural Cotton Insulation | 3.34 | 0.41 |
| | | *For >1,600, Deduct* | *-0.53* | |
| **07 21 19** | | **Foamed-In-Place Insulation** *(07 21)* | | |
| 07 21 19 00-0001 | | Polyurethane Foam Insulation, Sprayed On *(07 21 19)* | | |
| 07 21 19 00-0002 | SF | 1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation | 1.18 | |
| 07 21 19 00-0003 | SF | 2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation | 2.05 | |
| 07 21 19 00-0004 | SF | 3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation | 2.91 | |
| 07 21 19 00-0005 | SF | 4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation | 3.77 | |
| 07 21 19 00-0006 | SF | 5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation | 4.63 | |
| 07 21 19 00-0007 | SF | 6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation | 5.50 | |
| 07 21 19 00-0008 | SF | 1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation | 2.29 | |
| 07 21 19 00-0009 | SF | 2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation | 3.77 | |
| 07 21 19 00-0010 | SF | 3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation | 5.25 | |
| 07 21 19 00-0011 | SF | 4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation | 6.74 | |
| 07 21 19 00-0012 | SF | 5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation | 8.21 | |
| 07 21 19 00-0013 | SF | 6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation | 9.69 | |
| **07 21 23** | | **Loose-Fill Insulation** *(07 21)* | | |
| 07 21 23 00-0001 | | Poured Type, Loose Fill Insulation *(07 21 23)* | | |
| 07 21 23 00-0002 | CF | R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation | 6.05 | 2.36 |
| 07 21 23 00-0003 | CF | R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation | 6.48 | 2.36 |
| 07 21 23 00-0004 | | Concrete Block Wall Cavity Insulation *(07 21 23)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 23 00-0005 | CF | R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation | 8.47 | 2.36 |
| 07 21 23 00-0006 | CF | R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation | 8.39 | 2.36 |

## 07 21 26 Blown Insulation *(07 21)*

### 07 21 26 00-0001 Fiberglass Blown-In Insulation *(07 21 26)*

### 07 21 26 00-0002 Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 26 00-0003 | SF | 4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation | 1.28 | 1.03 |
| 07 21 26 00-0004 | SF | 5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation | 1.42 | 1.13 |
| 07 21 26 00-0005 | SF | 6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation | 1.58 | 1.23 |
| 07 21 26 00-0006 | SF | 7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation | 1.77 | 1.34 |
| 07 21 26 00-0007 | SF | 8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation | 1.88 | 1.39 |
| 07 21 26 00-0008 | SF | 10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation | 2.03 | 1.44 |
| 07 21 26 00-0009 | SF | 11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation | 2.18 | 1.49 |
| 07 21 26 00-0010 | SF | 12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation | 2.28 | 1.54 |
| 07 21 26 00-0011 | SF | 13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation | 2.45 | 1.64 |
| 07 21 26 00-0012 | SF | 14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation | 2.59 | 1.70 |
| 07 21 26 00-0013 | SF | 16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation | 2.79 | 1.75 |
| 07 21 26 00-0014 | SF | 18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation | 3.02 | 1.85 |
| 07 21 26 00-0015 | SF | 21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation | 3.50 | 2.06 |

### 07 21 26 00-0016 New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 21 26 00-0017 | SF | 3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation | 1.88 | 1.03 |
| 07 21 26 00-0018 | SF | 5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation | 2.50 | 1.23 |
| 07 21 26 00-0019 | SF | 7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation | 2.97 | 1.34 |
| 07 21 26 00-0020 | SF | 9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation | 3.53 | 1.44 |

### 07 21 26 00-0021 Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*

Note: Includes drilling. Excludes patching.

| | | | | |
|---|---|---|---|---|
| 07 21 26 00-0022 | SF | 3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation | 1.78 | 1.03 |
| 07 21 26 00-0023 | SF | 5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation | 2.40 | 1.23 |
| 07 21 26 00-0024 | SF | 7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation | 2.87 | 1.34 |
| 07 21 26 00-0025 | SF | 9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation | 3.43 | 1.44 |

### 07 21 26 00-0026 Cellulose Blown-In Insulation *(07 21 26)*

### 07 21 26 00-0027 Attic, Cellulose Blown-In Insulation *(07 21 26 00-0026)*

| | | | | |
|---|---|---|---|---|
| 07 21 26 00-0028 | SF | 3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation | 1.36 | 1.03 |
| 07 21 26 00-0029 | SF | 5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation | 1.63 | 1.13 |
| 07 21 26 00-0030 | SF | 6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation | 1.82 | 1.23 |
| 07 21 26 00-0031 | SF | 7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation | 2.13 | 1.34 |
| 07 21 26 00-0032 | SF | 8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation | 2.18 | 1.34 |
| 07 21 26 00-0033 | SF | 10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation | 2.54 | 1.44 |
| 07 21 26 00-0034 | SF | 11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation | 2.61 | 1.44 |
| 07 21 26 00-0035 | SF | 12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation | 2.85 | 1.54 |
| 07 21 26 00-0036 | SF | 13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation | 3.04 | 1.54 |
| 07 21 26 00-0037 | SF | 15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation | 3.28 | 1.64 |
| 07 21 26 00-0038 | SF | 16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation | 3.46 | 1.64 |

### 07 21 26 00-0039 New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*

| | | | | |
|---|---|---|---|---|
| 07 21 26 00-0040 | SF | 3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation | 1.83 | 1.03 |
| 07 21 26 00-0041 | SF | 5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation | 2.43 | 1.23 |
| 07 21 26 00-0042 | SF | 7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation | 2.87 | 1.34 |
| 07 21 26 00-0043 | SF | 9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation | 3.40 | 1.44 |

### 07 21 26 00-0044 Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*

Note: Includes drilling. Excludes patching.

| | | | | |
|---|---|---|---|---|
| 07 21 26 00-0045 | SF | 3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation | 1.73 | 1.03 |
| 07 21 26 00-0046 | SF | 5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation | 2.33 | 1.23 |
| 07 21 26 00-0047 | SF | 7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation | 2.77 | 1.34 |
| 07 21 26 00-0048 | SF | 9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation | 3.30 | 1.44 |

## 07 21 29 Sprayed Insulation *(07 21)*

### 07 21 29 00-0001 Fiber Sprayed On Insulation *(07 21 29)*

| | | | | |
|---|---|---|---|---|
| 07 21 29 00-0002 | SF | 1" Thick, R2.7, Spray-on Perlite Insulation | 2.03 | 0.56 |
| 07 21 29 00-0003 | SF | 1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation | 1.47 | 0.56 |

### 07 21 29 00-0004 Cellulose Sprayed On Insulation *(07 21 29)*

| | | | | |
|---|---|---|---|---|
| 07 21 29 00-0005 | SF | 1" Thick, Spray-on Cellulose Insulation | 2.96 | 0.56 |

## 07 21 53 Reflective Insulation *(07 21)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 21 53 00-0001 | | Reflective Barrier Insulation (Foil - Single Bubble - Foil) *(07 21 53)* | | |
| 07 21 53 00-0002 | SF | 3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space | 1.02 | |

## 07 22 Roof and Deck Insulation *(07 20)*

### 07 22 16 Roof Board Insulation *(07 22)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001 Rigid Board Roofing Insulation *(07 22 16)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0002 Cold Adhesive Applied Rigid Board Roofing Insulation *(07 22 16 00-0001)*

07 22 16 00-0003 Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0004 | SF | 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied | 1.73 | |
| 07 22 16 00-0005 | SF | 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied | 1.98 | |
| 07 22 16 00-0006 | SF | 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied | 2.22 | |
| 07 22 16 00-0007 | SF | 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied | 2.65 | |
| 07 22 16 00-0008 | SF | 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied | 3.08 | |

07 22 16 00-0009 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0010 | SF | 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied | 2.07 | |
| 07 22 16 00-0011 | SF | 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied | 2.15 | |

07 22 16 00-0012 Cold Adhesive Applied, Perlite, Roof Board Insulation *(07 22 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0013 | SF | 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied | 1.68 | |
| 07 22 16 00-0014 | SF | 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied | 1.68 | |
| 07 22 16 00-0015 | SF | 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied | 1.82 | |
| 07 22 16 00-0016 | SF | 1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied | 1.99 | |
| 07 22 16 00-0017 | SF | 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied | 2.39 | |
| 07 22 16 00-0018 | SF | 2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied | 2.66 | |

07 22 16 00-0019 Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0020 | SF | 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied | 2.21 | |
| 07 22 16 00-0021 | SF | 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied | 2.86 | |
| 07 22 16 00-0022 | SF | 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied | 3.63 | |

07 22 16 00-0023 Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0024 | SF | 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied | 3.84 | |
| 07 22 16 00-0025 | SF | 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied | 4.47 | |
| 07 22 16 00-0026 | SF | 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied | 5.73 | |
| 07 22 16 00-0027 | SF | 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied | 10.77 | |

07 22 16 00-0028 Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0029 | SF | 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 1.83 | |
| | | *For Loose-Laid, Deduct* | *-1.00* | |
| 07 22 16 00-0030 | SF | 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 1.72 | |
| | | *For Loose-Laid, Deduct* | *-1.00* | |
| 07 22 16 00-0031 | SF | 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 1.87 | |
| | | *For Loose-Laid, Deduct* | *-1.00* | |
| 07 22 16 00-0032 | SF | 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 2.03 | |
| | | *For Loose-Laid, Deduct* | *-1.01* | |
| 07 22 16 00-0033 | SF | 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 2.65 | |
| | | *For Loose-Laid, Deduct* | *-1.02* | |
| 07 22 16 00-0034 | SF | 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 3.26 | |
| | | *For Loose-Laid, Deduct* | *-1.03* | |
| 07 22 16 00-0035 | SF | 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 3.88 | |
| | | *For Loose-Laid, Deduct* | *-1.04* | |
| 07 22 16 00-0036 | SF | 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 4.50 | |
| | | *For Loose-Laid, Deduct* | *-1.05* | |
| 07 22 16 00-0037 | SF | 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied | 5.11 | |
| | | *For Loose-Laid, Deduct* | *-1.06* | |

07 22 16 00-0038 Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*

Note: 15 PSI compressive strength.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0039 | SF | 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied | 2.56 | |
| | | *For Loose-Laid, Deduct* | *-0.96* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.29* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.70* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.10* | |
| | | *For 115 PSI Compressive Strength, Add* | *4.78* | |
| 07 22 16 00-0040 | SF | 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied | 2.15 | |
| | | *For Loose-Laid, Deduct* | *-0.96* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.23* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.54* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.86* | |
| | | *For 115 PSI Compressive Strength, Add* | *3.72* | |
| 07 22 16 00-0041 | SF | 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied | 3.39 | |
| | | *For Loose-Laid, Deduct* | *-0.96* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.43* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.01* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.58* | |
| | | *For 100 PSI Compressive Strength, Add* | *2.03* | |
| | | *For 115 PSI Compressive Strength, Add* | *6.91* | |
| 07 22 16 00-0042 | SF | 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied | 2.98 | |
| | | *For Loose-Laid, Deduct* | *-0.97* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.36* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.85* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.33* | |
| | | *For 115 PSI Compressive Strength, Add* | *5.81* | |
| 07 22 16 00-0043 | SF | 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied | 4.77 | |
| | | *For Loose-Laid, Deduct* | *-0.97* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.64* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.53* | |
| | | *For 60 PSI Compressive Strength, Add* | *2.37* | |
| | | *For 100 PSI Compressive Strength, Add* | *3.05* | |
| | | *For 115 PSI Compressive Strength, Add* | *10.41* | |
| 07 22 16 00-0044 | SF | 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied | 3.82 | |
| | | *For Loose-Laid, Deduct* | *-0.98* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.49* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.16* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.81* | |
| | | *For 115 PSI Compressive Strength, Add* | *7.92* | |
| 07 22 16 00-0045 | SF | 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied | 4.25 | |
| | | *For Loose-Laid, Deduct* | *-0.99* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.55* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.31* | |
| | | *For 60 PSI Compressive Strength, Add* | *2.05* | |
| | | *For 115 PSI Compressive Strength, Add* | *8.97* | |

### 07 22 16 00-0046 Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0047 | SF | 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied | 2.27 | |
| | | *For Loose-Laid, Deduct* | *-0.96* | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.15* | |
| 07 22 16 00-0048 | SF | 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied | 2.36 | |
| | | *For Loose-Laid, Deduct* | *-0.96* | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.16* | |
| 07 22 16 00-0049 | SF | 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied | 2.51 | |
| | | *For Loose-Laid, Deduct* | *-0.96* | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.18* | |
| 07 22 16 00-0050 | SF | 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied | 2.90 | |
| | | *For Loose-Laid, Deduct* | *-0.97* | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.22* | |
| 07 22 16 00-0051 | SF | 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied | 3.30 | |
| | | *For Loose-Laid, Deduct* | *-0.97* | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.25* | |
| 07 22 16 00-0052 | SF | 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied | 3.69 | |
| | | *For Loose-Laid, Deduct* | *-0.98* | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.29* | |
| 07 22 16 00-0053 | SF | 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied | 4.13 | |
| | | *For Loose-Laid, Deduct* | *-0.98* | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.34* | |
| 07 22 16 00-0054 | SF | 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied | 4.51 | |
| | | *For Loose-Laid, Deduct* | *-0.99* | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.37* | |

### 07 22 16 00-0055 Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0056 | SF | 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied | 2.56 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 22 16 00-0057** | | **Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock)** *(07 22 16 00-0002)* | | |
| 07 22 16 00-0058 | SF | 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied | 2.41 | |
| 07 22 16 00-0059 | SF | 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied | 2.57 | |
| 07 22 16 00-0060 | SF | 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied | 2.68 | |
| 07 22 16 00-0061 | SF | 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied | 2.74 | |
| **07 22 16 00-0062** | | **Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock)** *(07 22 16 00-0002)* | | |
| 07 22 16 00-0063 | SF | 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied | 2.35 | |
| 07 22 16 00-0064 | SF | 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied | 2.60 | |
| 07 22 16 00-0065 | SF | 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied | 2.65 | |
| **07 22 16 00-0066** | | **Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation** *(07 22 16 00-0002)* | | |
| | | Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. | | |
| 07 22 16 00-0067 | SF | 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied | 4.21 | |
| 07 22 16 00-0068 | SF | 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied | 4.44 | |
| 07 22 16 00-0069 | SF | 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied | 4.74 | |
| 07 22 16 00-0070 | SF | 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied | 4.94 | |
| 07 22 16 00-0071 | SF | 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied | 5.39 | |
| 07 22 16 00-0072 | SF | 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied | 5.58 | |
| 07 22 16 00-0073 | SF | 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied | 5.85 | |
| **07 22 16 00-0074** | | **Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation** *(07 22 16 00-0002)* | | |
| | | Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. | | |
| 07 22 16 00-0075 | SF | 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied | 4.26 | |
| 07 22 16 00-0076 | SF | 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied | 4.66 | |
| 07 22 16 00-0077 | SF | 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied | 5.14 | |
| 07 22 16 00-0078 | SF | 4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied | 5.45 | |
| 07 22 16 00-0079 | SF | 4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied | 5.84 | |
| 07 22 16 00-0080 | SF | 5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied | 6.29 | |
| 07 22 16 00-0081 | SF | 5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied | 7.03 | |
| **07 22 16 00-0082** | | **Hot-Mopped Rigid Board Roofing Insulation** *(07 22 16 00-0001)* | | |
| **07 22 16 00-0083** | | **Hot-Mopped, High-Density Fiberboard, Roof Board Insulation** *(07 22 16 00-0082)* | | |
| 07 22 16 00-0084 | SF | 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped | 1.47 | |
| 07 22 16 00-0085 | SF | 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped | 1.71 | |
| 07 22 16 00-0086 | SF | 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped | 1.95 | |
| 07 22 16 00-0087 | SF | 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped | 2.40 | |
| 07 22 16 00-0088 | SF | 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped | 2.84 | |
| **07 22 16 00-0089** | | **Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation** *(07 22 16 00-0082)* | | |
| 07 22 16 00-0090 | SF | 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped | 1.80 | |
| 07 22 16 00-0091 | SF | 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped | 1.88 | |
| **07 22 16 00-0092** | | **Hot-Mopped, Perlite, Roof Board Insulation** *(07 22 16 00-0082)* | | |
| 07 22 16 00-0093 | SF | 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped | 1.40 | |
| 07 22 16 00-0094 | SF | 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped | 1.54 | |
| 07 22 16 00-0095 | SF | 1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped | 1.71 | |
| 07 22 16 00-0096 | SF | 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped | 2.11 | |
| 07 22 16 00-0097 | SF | 2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped | 2.37 | |
| **07 22 16 00-0098** | | **Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation** *(07 22 16 00-0082)* | | |
| 07 22 16 00-0099 | SF | 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped | 1.93 | |
| 07 22 16 00-0100 | SF | 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped | 2.57 | |
| 07 22 16 00-0101 | SF | 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped | 3.36 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 22 16 00-0102** | | **Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation** *(07 22 16 00-0082)* | | |
| 07 22 16 00-0103 | SF | 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped | 3.55 | |
| 07 22 16 00-0104 | SF | 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped | 4.18 | |
| 07 22 16 00-0105 | SF | 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped | 5.46 | |
| 07 22 16 00-0106 | SF | 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped | 10.50 | |
| **07 22 16 00-0107** | | **Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation** *(07 22 16 00-0082)* | | |
| 07 22 16 00-0108 | SF | 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 1.55 | |
| 07 22 16 00-0109 | SF | 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 1.45 | |
| 07 22 16 00-0110 | SF | 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 1.52 | |
| 07 22 16 00-0111 | SF | 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 1.74 | |
| 07 22 16 00-0112 | SF | 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 2.37 | |
| 07 22 16 00-0113 | SF | 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 3.00 | |
| 07 22 16 00-0114 | SF | 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 3.60 | |
| 07 22 16 00-0115 | SF | 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 4.23 | |
| 07 22 16 00-0116 | SF | 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped | 4.84 | |
| **07 22 16 00-0117** | | **Hot-Mopped, Extruded Polystyrene, Roof Board Insulation** *(07 22 16 00-0082)* | | |
| | | Note: 15 PSI compressive strength. | | |
| 07 22 16 00-0118 | SF | 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped | 2.27 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.24* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.56* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.89* | |
| | | *For 115 PSI Compressive Strength, Add* | *3.86* | |
| 07 22 16 00-0119 | SF | 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped | 1.87 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.17* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.40* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.66* | |
| | | *For 115 PSI Compressive Strength, Add* | *2.81* | |
| 07 22 16 00-0120 | SF | 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped | 3.11 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.37* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.87* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.37* | |
| | | *For 100 PSI Compressive Strength, Add* | *1.77* | |
| | | *For 115 PSI Compressive Strength, Add* | *5.99* | |
| 07 22 16 00-0121 | SF | 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped | 2.80 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.30* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.71* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.14* | |
| | | *For 115 PSI Compressive Strength, Add* | *4.92* | |
| 07 22 16 00-0122 | SF | 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped | 11.93 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.59* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.39* | |
| | | *For 60 PSI Compressive Strength, Add* | *2.54* | |
| | | *For 100 PSI Compressive Strength, Add* | *3.16* | |
| | | *For 115 PSI Compressive Strength, Add* | *10.23* | |
| 07 22 16 00-0123 | SF | 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped | 3.55 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.43* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.02* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.60* | |
| | | *For 115 PSI Compressive Strength, Add* | *7.00* | |
| 07 22 16 00-0124 | SF | 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped | 3.97 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.50* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.18* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.84* | |
| | | *For 115 PSI Compressive Strength, Add* | *8.05* | |
| **07 22 16 00-0125** | | **Hot-Mopped, Polyisocyanurate Board Roofing Insulation** *(07 22 16 00-0082)* | | |
| 07 22 16 00-0126 | SF | 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped | 1.98 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.12* | |
| 07 22 16 00-0127 | SF | 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped | 2.08 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.13* | |
| 07 22 16 00-0128 | SF | 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped | 2.22 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.14* | |
| 07 22 16 00-0129 | SF | 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped | 2.61 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.18* | |
| 07 22 16 00-0130 | SF | 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped | 3.03 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.22* | |
| 07 22 16 00-0131 | SF | 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped | 3.43 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.26* | |
| 07 22 16 00-0132 | SF | 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped | 3.77 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.30* | |
| 07 22 16 00-0133 | SF | 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped | 4.23 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.34* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0134 | | Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)* | | |
| 07 22 16 00-0135 | SF | 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped | 2.15 | |
| 07 22 16 00-0136 | SF | 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped | 2.31 | |
| 07 22 16 00-0137 | SF | 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped | 2.42 | |
| 07 22 16 00-0138 | SF | 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped | 2.48 | |
| 07 22 16 00-0139 | | Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)* | | |
| 07 22 16 00-0140 | SF | 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped | 2.09 | |
| 07 22 16 00-0141 | SF | 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped | 2.34 | |
| 07 22 16 00-0142 | SF | 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped | 2.40 | |
| 07 22 16 00-0143 | | Mechanically Fastened Rigid Board Roofing Insulation *(07 22 16 00-0001)* | | |
| | | Note: Mechanically fastened to wood or steel. | | |
| 07 22 16 00-0144 | | Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0143)* | | |
| | | Note: Mechanically fastened to wood or steel. | | |
| 07 22 16 00-0145 | SF | 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened | 1.41 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0146 | SF | 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened | 1.67 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.59* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.27* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0147 | SF | 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened | 1.91 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.29* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0148 | SF | 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened | 2.39 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0149 | SF | 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened | 2.82 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 22 16 00-0150 | | Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0143)* | | |
| | | Note: Mechanically fastened to wood or steel. | | |
| 07 22 16 00-0151 | SF | 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened | 1.75 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.29* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0152 | SF | 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened | 1.83 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.29* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

### 07 22 16 00-0153 Mechanically Fastened, Perlite, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0154 | SF | 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened | 1.37 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.54* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0155 | SF | 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened | 1.51 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.54* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0156 | SF | 1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened | 1.67 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.54* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0157 | SF | 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened | 2.13 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0158 | SF | 2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened | 2.40 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |

### 07 22 16 00-0159 Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0160 | SF | 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened | 1.90 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.54* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0161 | SF | 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened | 2.60 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0162 | SF | 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened | 3.43 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.76* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.48* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |

## 07 22 16 00-0163 Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0164 | SF | 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened | 3.58 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0165 | SF | 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened | 4.21 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 22 16 00-0166 | SF | 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened | 5.52 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.76* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.48* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0167 | SF | 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened | 10.65 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.04* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.94* | |

## 07 22 16 00-0168 Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0169 | SF | 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 1.52 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0170 | SF | 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 1.41 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0171 | SF | 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 1.56 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0172 | SF | 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 1.72 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0173 | SF | 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 2.39 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 22 16 00-0174 | SF | 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 3.06 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.77* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.76* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.52* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0175 | SF | 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 3.76 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |
| 07 22 16 00-0176 | SF | 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 4.49 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.20* | |
| 07 22 16 00-0177 | SF | 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened | 5.71 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.38* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.43* | |

### 07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0179 | SF | 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened | 2.25 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.24* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.58* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.92* | |
| | | *For 115 PSI Compressive Strength, Add* | *3.98* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.54* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0180 | SF | 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened | 1.84 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.18* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.42* | |
| | | *For 60 PSI Compressive Strength, Add* | *0.68* | |
| | | *For 115 PSI Compressive Strength, Add* | *2.93* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.54* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0181 | SF | 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened | 3.13 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.38* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.91* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.43* | |
| | | *For 100 PSI Compressive Strength, Add* | *1.84* | |
| | | *For 115 PSI Compressive Strength, Add* | *6.24* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0182 | SF | 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened | 2.72 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.32* | |
| | | *For 40 PSI Compressive Strength, Add* | *0.75* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.18* | |
| | | *For 115 PSI Compressive Strength, Add* | *5.14* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 22 16 00-0183 | SF | 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened | 4.56 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.61* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.45* | |
| | | *For 60 PSI Compressive Strength, Add* | *2.25* | |
| | | *For 100 PSI Compressive Strength, Add* | *2.90* | |
| | | *For 115 PSI Compressive Strength, Add* | *9.87* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.48* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0184 | SF | 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened | 3.61 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.45* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.08* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.69* | |
| | | *For 115 PSI Compressive Strength, Add* | *7.38* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.76* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.48* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0185 | SF | 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened | 4.13 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.53* | |
| | | *For 40 PSI Compressive Strength, Add* | *1.27* | |
| | | *For 60 PSI Compressive Strength, Add* | *1.98* | |
| | | *For 115 PSI Compressive Strength, Add* | *8.66* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |

### 07 22 16 00-0186 Mechanically Fastened, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0187 | SF | 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 1.95 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.12* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.54* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0188 | SF | 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 2.05 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.13* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.54* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.22* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0189 | SF | 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 2.24 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.15* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0190 | SF | 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 2.64 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.19* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 22 16 00-0191 | SF | 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 3.09 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.23* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.48* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0192 | SF | 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 3.49 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.27* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.76* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.48* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0193 | SF | 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 4.01 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.32* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.95* | |
| 07 22 16 00-0194 | SF | 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 4.39 | |
| | | *For Foil Facer, Add* | *0.36* | |
| | | *For 25 PSI Compressive Strength, Add* | *0.36* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |

07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0143)*
Note: Mechanically fastened to wood or steel.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0196 | SF | 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened | 2.25 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

## 07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0198 | SF | 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened | 2.09 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0199 | SF | 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened | 2.26 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0200 | SF | 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened | 2.37 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0201 | SF | 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened | 2.42 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

## 07 22 16 00-0202 Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)

*(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0203 | SF | 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened | 2.04 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0204 | SF | 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened | 2.28 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0205 | SF | 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened | 2.34 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.57* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.25* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

## 07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0207 | SF | 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 3.95 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 22 16 00-0208 | SF | 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 4.18 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.28* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.63* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.46* | |
| 07 22 16 00-0209 | SF | 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 4.54 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.85* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.60* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0210 | SF | 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 4.73 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.85* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.76* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.60* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0211 | SF | 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 5.27 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.17* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.07* | |
| 07 22 16 00-0212 | SF | 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 5.47 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |
| 07 22 16 00-0213 | SF | 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 5.85 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.31* | |

### 07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0215 | SF | 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened | 4.05 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.84* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.59* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0216 | SF | 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened | 4.45 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.85* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.76* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.60* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0217 | SF | 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened | 5.02 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.16* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.06* | |
| 07 22 16 00-0218 | SF | 4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened | 5.33 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |
| 07 22 16 00-0219 | SF | 4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened | 5.84 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.28* | |
| 07 22 16 00-0220 | SF | 5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened | 6.28 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.31* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.29* | |
| 07 22 16 00-0221 | SF | 5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened | 7.49 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *2.48* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *3.53* | |

### 07 22 16 00-0222 Rigid Board Tapered Roofing Insulation *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.

### 07 22 16 00-0223 Cold Adhesive Applied Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

### 07 22 16 00-0224 Cold Adhesive Applied, Tapered Polyisocyanurate Board *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

### 07 22 16 00-0225 Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0226 | SF | 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 4.07 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.30* | |
| 07 22 16 00-0227 | SF | 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 5.48 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.35* | |
| 07 22 16 00-0228 | SF | 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 6.01 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.40* | |
| 07 22 16 00-0229 | SF | 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 6.54 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.46* | |
| 07 22 16 00-0230 | SF | 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 7.06 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0231 | SF | 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 8.50 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.56* | |
| 07 22 16 00-0232 | SF | 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 9.03 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.62* | |
| 07 22 16 00-0233 | SF | 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 9.56 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.67* | |
| 07 22 16 00-0234 | SF | 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 10.08 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.72* | |
| 07 22 16 00-0235 | SF | 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 11.49 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.77* | |
| 07 22 16 00-0236 | | Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)* | | |
| 07 22 16 00-0237 | SF | 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 3.81 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.27* | |
| 07 22 16 00-0238 | SF | 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 5.75 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.38* | |
| 07 22 16 00-0239 | SF | 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 6.80 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.48* | |
| 07 22 16 00-0240 | SF | 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 8.77 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.59* | |
| 07 22 16 00-0241 | SF | 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 9.82 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.70* | |
| 07 22 16 00-0242 | SF | 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 11.75 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.80* | |
| 07 22 16 00-0243 | | Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)* | | |
| 07 22 16 00-0244 | SF | 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 6.27 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.43* | |
| 07 22 16 00-0245 | SF | 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 9.29 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.64* | |
| 07 22 16 00-0246 | SF | 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 12.28 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.85* | |
| 07 22 16 00-0247 | SF | 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied | 15.29 | |
| | | *For 25 PSI Compressive Strength, Add* | *1.07* | |
| 07 22 16 00-0248 | | Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0223)* | | |
| | | Note: Includes polyurethane adhesive. | | |
| 07 22 16 00-0249 | | Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)* | | |
| 07 22 16 00-0250 | SF | 2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 3.48 | |
| 07 22 16 00-0251 | SF | 2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 4.90 | |
| 07 22 16 00-0252 | SF | 3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 5.30 | |
| 07 22 16 00-0253 | SF | 3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 5.69 | |
| 07 22 16 00-0254 | SF | 4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 6.08 | |
| 07 22 16 00-0255 | SF | 4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 7.53 | |
| 07 22 16 00-0256 | SF | 5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 7.92 | |
| 07 22 16 00-0257 | SF | 5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 8.32 | |
| 07 22 16 00-0258 | SF | 6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 8.71 | |
| 07 22 16 00-0259 | SF | 6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 10.13 | |
| 07 22 16 00-0260 | | Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)* | | |
| 07 22 16 00-0261 | SF | 2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 3.28 | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0262 | SF | 3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 5.10 | |
| 07 22 16 00-0263 | SF | 4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 5.89 | |
| 07 22 16 00-0264 | SF | 5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 7.72 | |
| 07 22 16 00-0265 | SF | 6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 8.51 | |
| 07 22 16 00-0266 | SF | 7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 10.33 | |
| 07 22 16 00-0267 | | Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)* | | |
| 07 22 16 00-0268 | SF | 3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 5.49 | |
| 07 22 16 00-0269 | SF | 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 8.12 | |
| 07 22 16 00-0270 | SF | 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 10.72 | |
| 07 22 16 00-0271 | SF | 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied | 13.73 | |
| 07 22 16 00-0272 | | Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0223)* | | |
| | | Note: Includes polyurethane adhesive. | | |
| 07 22 16 00-0273 | | Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)* | | |
| 07 22 16 00-0274 | SF | 2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 3.96 | |
| 07 22 16 00-0275 | SF | 2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 5.37 | |
| 07 22 16 00-0276 | SF | 3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 5.87 | |
| 07 22 16 00-0277 | SF | 3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 6.37 | |
| 07 22 16 00-0278 | SF | 4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 6.87 | |
| 07 22 16 00-0279 | SF | 4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 8.31 | |
| 07 22 16 00-0280 | SF | 5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 8.81 | |
| 07 22 16 00-0281 | SF | 5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 9.31 | |
| 07 22 16 00-0282 | SF | 6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 9.81 | |
| 07 22 16 00-0283 | SF | 6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 11.22 | |
| 07 22 16 00-0284 | | Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)* | | |
| 07 22 16 00-0285 | SF | 2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 3.71 | |
| 07 22 16 00-0286 | SF | 3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 5.62 | |
| 07 22 16 00-0287 | SF | 4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 6.62 | |
| 07 22 16 00-0288 | SF | 5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 8.56 | |
| 07 22 16 00-0289 | SF | 6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 9.56 | |
| 07 22 16 00-0290 | SF | 7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 11.47 | |
| 07 22 16 00-0291 | | Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)* | | |
| 07 22 16 00-0292 | SF | 3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 6.12 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.33* | |
| 07 22 16 00-0293 | SF | 5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 9.06 | |
| 07 22 16 00-0294 | SF | 7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 11.97 | |
| 07 22 16 00-0295 | SF | 9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied | 14.90 | |
| 07 22 16 00-0296 | | Cold Adhesive Applied, Tapered Perlite Board *(07 22 16 00-0223)* | | |
| | | Note: Includes polyurethane adhesive. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 22 16 00-0297** | | **Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board** *(07 22 16 00-0296)* | | |
| 07 22 16 00-0298 | SF | 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 4.76 | |
| 07 22 16 00-0299 | SF | 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 5.56 | |
| 07 22 16 00-0300 | SF | 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 6.29 | |
| 07 22 16 00-0301 | SF | 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 6.77 | |
| 07 22 16 00-0302 | SF | 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 7.51 | |
| 07 22 16 00-0303 | SF | 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 8.31 | |
| 07 22 16 00-0304 | SF | 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 9.05 | |
| 07 22 16 00-0305 | SF | 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 9.52 | |
| 07 22 16 00-0306 | SF | 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 10.26 | |
| 07 22 16 00-0307 | SF | 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied | 11.05 | |
| **07 22 16 00-0308** | | **Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board** *(07 22 16 00-0296)* | | |
| 07 22 16 00-0309 | SF | 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied | 4.39 | |
| 07 22 16 00-0310 | SF | 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied | 5.92 | |
| 07 22 16 00-0311 | SF | 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied | 7.14 | |
| 07 22 16 00-0312 | SF | 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied | 8.68 | |
| 07 22 16 00-0313 | SF | 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied | 9.89 | |
| 07 22 16 00-0314 | SF | 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied | 11.42 | |
| **07 22 16 00-0315** | | **Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board** *(07 22 16 00-0296)* | | |
| 07 22 16 00-0316 | SF | 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied | 6.66 | |
| 07 22 16 00-0317 | SF | 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied | 9.41 | |
| 07 22 16 00-0318 | SF | 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied | 12.16 | |
| 07 22 16 00-0319 | SF | 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied | 14.90 | |
| **07 22 16 00-0320** | | **Hot-Mopped Rigid Board Tapered Roofing Insulation** *(07 22 16 00-0222)* | | |
| **07 22 16 00-0321** | | **Hot-Mopped, Tapered Polyisocyanurate Board** *(07 22 16 00-0320)* | | |
| **07 22 16 00-0322** | | **Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)* | | |
| 07 22 16 00-0323 | SF | 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 3.72 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.26* | |
| 07 22 16 00-0324 | SF | 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 5.02 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.28* | |
| 07 22 16 00-0325 | SF | 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 5.55 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.34* | |
| 07 22 16 00-0326 | SF | 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 5.86 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.39* | |
| 07 22 16 00-0327 | SF | 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 6.60 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.44* | |
| 07 22 16 00-0328 | SF | 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 7.80 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.46* | |
| 07 22 16 00-0329 | SF | 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 8.33 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.52* | |
| 07 22 16 00-0330 | SF | 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 8.86 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.57* | |
| 07 22 16 00-0331 | SF | 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 9.38 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.62* | |
| 07 22 16 00-0332 | SF | 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 10.57 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.64* | |
| **07 22 16 00-0333** | | **Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)* | | |
| 07 22 16 00-0334 | SF | 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 3.56 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.24* | |
| 07 22 16 00-0335 | SF | 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 5.28 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.31* | |
| 07 22 16 00-0336 | SF | 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 6.34 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.42* | |
| 07 22 16 00-0337 | SF | 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 8.07 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.49* | |
| 07 22 16 00-0338 | SF | 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 9.12 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.60* | |
| 07 22 16 00-0339 | SF | 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 10.83 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.67* | |
| **07 22 16 00-0340** | | **Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)* | | |
| 07 22 16 00-0341 | SF | 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 5.81 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.36* | |
| 07 22 16 00-0342 | SF | 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 8.59 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.54* | |
| 07 22 16 00-0343 | SF | 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 11.36 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.72* | |
| 07 22 16 00-0344 | SF | 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped | 14.14 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.90* | |
| **07 22 16 00-0345** | | **Hot-Mopped, Tapered Perlite Board** *(07 22 16 00-0320)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 22 16 00-0346** | | **Hot-Mopped, 1/8" Slope, Tapered Perlite Board** *(07 22 16 00-0345)* | | |
| 07 22 16 00-0347 | SF | 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 3.95 | |
| 07 22 16 00-0348 | SF | 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 5.09 | |
| 07 22 16 00-0349 | SF | 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 5.83 | |
| 07 22 16 00-0350 | SF | 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 5.74 | |
| 07 22 16 00-0351 | SF | 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 6.48 | |
| 07 22 16 00-0352 | SF | 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 7.61 | |
| 07 22 16 00-0353 | SF | 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 8.35 | |
| 07 22 16 00-0354 | SF | 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 8.26 | |
| 07 22 16 00-0355 | SF | 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 9.00 | |
| 07 22 16 00-0356 | SF | 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped | 10.13 | |
| **07 22 16 00-0357** | | **Hot-Mopped, 1/4" Slope, Tapered Perlite Board** *(07 22 16 00-0345)* | | |
| 07 22 16 00-0358 | SF | 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped | 3.58 | |
| 07 22 16 00-0359 | SF | 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped | 5.46 | |
| 07 22 16 00-0360 | SF | 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped | 6.11 | |
| 07 22 16 00-0361 | SF | 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped | 7.98 | |
| 07 22 16 00-0362 | SF | 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped | 8.63 | |
| 07 22 16 00-0363 | SF | 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped | 10.50 | |
| **07 22 16 00-0364** | | **Hot-Mopped, 1/2" Slope, Tapered Perlite Board** *(07 22 16 00-0345)* | | |
| 07 22 16 00-0365 | SF | 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped | 6.20 | |
| 07 22 16 00-0366 | SF | 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped | 8.72 | |
| 07 22 16 00-0367 | SF | 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped | 48.41 | |
| 07 22 16 00-0368 | SF | 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped | 13.75 | |
| **07 22 16 00-0369** | | **Mechanically Fastened Tapered Roofing Insulation** *(07 22 16 00-0222)* | | |
| | | Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard. | | |
| **07 22 16 00-0370** | | **Mechanically Fastened, Tapered Polyisocyanurate Board** *(07 22 16 00-0369)* | | |
| | | Note: Mechanically fastened to wood or steel. | | |
| **07 22 16 00-0371** | | **Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0370)* | | |
| 07 22 16 00-0372 | SF | 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 3.81 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.27* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.27* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0373 | SF | 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 4.71 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.27* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0374 | SF | 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 5.24 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.33* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0375 | SF | 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 5.86 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.39* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.79* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.69* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0376 | SF | 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 6.38 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |
| 07 22 16 00-0377 | SF | 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 7.37 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.45* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0378 | SF | 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 7.90 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.50* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0379 | SF | 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 8.88 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.60* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0380 | SF | 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 9.41 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.65* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0381 | SF | 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 10.13 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.64* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |
| 07 22 16 00-0382 | | Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)* | | |
| 07 22 16 00-0383 | SF | 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 3.55 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.25* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.27* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0384 | SF | 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 4.98 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.30* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0385 | SF | 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 6.12 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.41* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.79* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.69* | |
| 07 22 16 00-0386 | SF | 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 7.63 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.48* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0387 | SF | 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 9.14 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0388 | SF | 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 10.39 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.66* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |

### 07 22 16 00-0389 Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0390 | SF | 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 5.50 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.35* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0391 | SF | 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 7.93 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.51* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0392 | SF | 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 10.92 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.72* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |
| 07 22 16 00-0393 | SF | 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened | 13.83 | |
| | | *For 25 PSI Compressive Strength, Add* | *0.92* | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.62* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *3.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.61* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *4.53* | |

### 07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

### 07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0396 | SF | 2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 3.22 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.27* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0397 | SF | 2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 4.13 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0398 | SF | 3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 4.53 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0399 | SF | 3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 5.01 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.79* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.69* | |
| 07 22 16 00-0400 | SF | 4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 5.41 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |
| 07 22 16 00-0401 | SF | 4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 6.39 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0402 | SF | 5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 6.79 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0403 | SF | 5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 7.64 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0404 | SF | 6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 8.04 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0405 | SF | 6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 8.77 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |

### 07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0407 | SF | 2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 3.02 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.27* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0408 | SF | 3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 4.33 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0409 | SF | 4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 5.21 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.79* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.69* | |
| 07 22 16 00-0410 | SF | 5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 6.59 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0411 | SF | 6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 7.84 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0412 | SF | 7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 8.97 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |

### 07 22 16 00-0413 Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0414 | SF | 3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 4.72 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0415 | SF | 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 6.99 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0416 | SF | 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 9.36 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |
| 07 22 16 00-0417 | SF | 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened | 12.28 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.62* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *3.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.61* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *4.53* | |

### 07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

### 07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0420 | SF | 2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 3.70 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.27* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0421 | SF | 2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 4.60 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0422 | SF | 3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 6.27 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0423 | SF | 3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 5.69 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.79* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.69* | |
| 07 22 16 00-0424 | SF | 4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 6.19 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |
| 07 22 16 00-0425 | SF | 4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 7.17 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0426 | SF | 5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 7.67 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0427 | SF | 5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 8.63 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0428 | SF | 6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 9.13 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |


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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 07 22 16 00-0429 | SF | 6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | | 9.86 | |
| | | *For Mechanically Fastened To Concrete, Add* | | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | | *3.46* | |
| 07 22 16 00-0430 | | Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)* | | | |
| 07 22 16 00-0431 | SF | 2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | | 3.45 | |
| | | *For Mechanically Fastened To Concrete, Add* | | *1.05* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | | *1.27* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | | *1.40* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | | *2.43* | |
| 07 22 16 00-0432 | SF | 3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | | 4.85 | |
| | | *For Mechanically Fastened To Concrete, Add* | | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | | *2.56* | |
| 07 22 16 00-0433 | SF | 4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | | 5.94 | |
| | | *For Mechanically Fastened To Concrete, Add* | | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | | *1.79* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | | *2.69* | |
| 07 22 16 00-0434 | SF | 5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | | 7.42 | |
| | | *For Mechanically Fastened To Concrete, Add* | | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | | *2.90* | |
| 07 22 16 00-0435 | SF | 6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | | 8.88 | |
| | | *For Mechanically Fastened To Concrete, Add* | | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | | *3.12* | |
| 07 22 16 00-0436 | SF | 7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | | 10.11 | |
| | | *For Mechanically Fastened To Concrete, Add* | | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | | *3.46* | |
| 07 22 16 00-0437 | | Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)* | | | |
| 07 22 16 00-0438 | SF | 3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | | 5.35 | |
| | | *For Mechanically Fastened To Concrete, Add* | | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | | *2.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0439 | SF | 5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 7.92 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0440 | SF | 7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 10.61 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |
| 07 22 16 00-0441 | SF | 9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 13.30 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.62* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *3.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.61* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *4.53* | |

## 07 22 16 00-0442 Mechanically Fastened, Tapered Perlite Board *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

## 07 22 16 00-0443 Mechanically Fastened, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0444 | SF | 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 3.94 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.27* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0445 | SF | 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 4.79 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0446 | SF | 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 5.52 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0447 | SF | 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 5.53 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.79* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.69* | |
| 07 22 16 00-0448 | SF | 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 6.26 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.34* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.83* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.76* | |
| 07 22 16 00-0449 | SF | 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 7.18 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0450 | SF | 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 7.91 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0451 | SF | 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 8.29 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0452 | SF | 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 9.02 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |
| 07 22 16 00-0453 | SF | 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 9.69 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |

## 07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0455 | SF | 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened | 3.57 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.05* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.27* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.56* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.40* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.82* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 22 16 00-0456 | SF | 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened | 5.15 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.70* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.56* | |
| 07 22 16 00-0457 | SF | 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened | 5.89 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.60* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.79* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.12* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.42* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.69* | |
| 07 22 16 00-0458 | SF | 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened | 7.54 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0459 | SF | 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened | 8.65 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.03* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.36* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.07* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.05* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.36* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.12* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 22 16 00-0460 | SF | 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened | 10.06 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |

### 07 22 16 00-0461 Mechanically Fastened, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0462 | SF | 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened | 5.89 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.08* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.33* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.63* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.48* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.73* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.94* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.23* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.61* | |
| 07 22 16 00-0463 | SF | 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened | 8.28 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.14* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.88* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *1.92* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.32* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.63* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *2.90* | |
| 07 22 16 00-0464 | SF | 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened | 10.80 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.17* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add* | *1.36* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.24* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *2.11* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *1.87* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *3.18* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |
| 07 22 16 00-0465 | SF | 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened | 13.45 | |
| | | *For Mechanically Fastened To Concrete, Add* | *1.62* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *1.74* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *3.03* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add* | *2.30* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *2.61* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *4.53* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add* | *3.46* | |

### 07 22 16 00-0466 Demolish Rigid Board Roofing Insulation *(07 22 16)*

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

| | | | | |
|---|---|---|---|---|
| 07 22 16 00-0467 | SF | Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation | | 0.41 |
| 07 22 16 00-0468 | SF | Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation | | 0.42 |
| 07 22 16 00-0469 | SF | Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation | | 0.43 |
| 07 22 16 00-0470 | SF | Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation | | 0.45 |
| 07 22 16 00-0471 | SF | Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation | | 0.46 |
| 07 22 16 00-0472 | SF | Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation | | 0.47 |
| 07 22 16 00-0473 | SF | Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation | | 0.48 |
| 07 22 16 00-0474 | SF | Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation | | 0.49 |
| 07 22 16 00-0475 | SF | Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation | | 0.50 |
| 07 22 16 00-0476 | SF | Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation | | 0.52 |
| 07 22 16 00-0477 | SF | Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation | | 0.53 |
| 07 22 16 00-0478 | SF | Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation | | 0.54 |
| 07 22 16 00-0479 | SF | Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation | | 0.55 |

## 07 24 Exterior Insulation and Finish Systems *(07 20)*

### 07 24 13 Polymer-Based Exterior Insulation and Finish System *(07 24)*

### 07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) *(07 24 13)*

### 07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 24 13 00-0003 | SF | 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied | | 3.15 |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| | | *For Adhesive And Mechanically Fastened To Wood Or Steel, Add* | *1.06* | |
| | | *For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add* | *1.61* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 24 13 00-0004 | SF | 1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied | 3.47 | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 500, Add* | *0.35* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| | | *For Adhesive And Mechanically Fastened To Wood Or Steel, Add* | *1.09* | |
| | | *For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add* | *1.62* | |
| 07 24 13 00-0005 | SF | 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied | 3.79 | |
| | | *For Up To 100, Add* | *0.70* | |
| | | *For >100 To 500, Add* | *0.35* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| | | *For Adhesive And Mechanically Fastened To Wood Or Steel, Add* | *1.23* | |
| | | *For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add* | *1.75* | |
| 07 24 13 00-0006 | SF | 2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied | 4.11 | |
| | | *For Up To 100, Add* | *0.71* | |
| | | *For >100 To 500, Add* | *0.36* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| | | *For Adhesive And Mechanically Fastened To Wood Or Steel, Add* | *1.30* | |
| | | *For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add* | *1.85* | |
| 07 24 13 00-0007 | SF | 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied | 4.42 | |
| | | *For Up To 100, Add* | *0.72* | |
| | | *For >100 To 500, Add* | *0.36* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| | | *For Adhesive And Mechanically Fastened To Wood Or Steel, Add* | *1.30* | |
| | | *For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add* | *1.85* | |
| 07 24 13 00-0008 | SF | 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied | 5.03 | |
| | | *For Up To 100, Add* | *0.73* | |
| | | *For >100 To 500, Add* | *0.36* | |
| | | *For >5,000, Deduct* | *-0.15* | |
| | | *For Adhesive And Mechanically Fastened To Wood Or Steel, Add* | *1.48* | |
| | | *For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add* | *1.99* | |

## 07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

| | | | | |
|---|---|---|---|---|
| 07 24 13 00-0010 | SF | 4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat | 4.47 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0011 | SF | 6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat | 4.99 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0012 | SF | 15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat | 6.38 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0013 | SF | 20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat | 6.80 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |

## 07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 24 13 00-0015 | SF | Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM) | 2.17 | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 07 24 13 00-0016 | SF | Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®) | 2.55 | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 07 24 13 00-0017 | SF | Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®) | 4.62 | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 07 24 13 00-0018 | SF | Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®) | 6.25 | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |

## 07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes all standard manufacturers' colors.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 24 13 00-0020 | SF | 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish) | 3.64 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0021 | SF | 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish) | 3.72 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0022 | SF | Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish) | 4.33 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0023 | SF | Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish) | 4.87 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0024 | SF | Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish) | 4.33 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0025 | SF | Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish) | 4.87 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0026 | SF | Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth) | 3.81 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0027 | SF | Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®) | 4.37 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0028 | SF | 100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™) | 9.16 | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 07 24 13 00-0029 | | Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)* | | |
| 07 24 13 00-0030 | SF | 100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®) | 1.10 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 500, Add* | *0.19* | |
| | | *For >5,000, Deduct* | *-0.08* | |
| 07 24 13 00-0031 | SF | 100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™) | 1.13 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 500, Add* | *0.19* | |
| | | *For >5,000, Deduct* | *-0.08* | |
| 07 24 13 00-0032 | | Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)* | | |
| 07 24 13 00-0033 | SF | Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat | 1.55 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 500, Add* | *0.19* | |
| | | *For >5,000, Deduct* | *-0.08* | |
| 07 24 13 00-0034 | SF | Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat | 1.94 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 500, Add* | *0.19* | |
| | | *For >5,000, Deduct* | *-0.08* | |
| 07 24 13 00-0035 | | Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)* | | |
| 07 24 13 00-0036 | SF | 1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat) | 2.42 | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 500, Add* | *0.21* | |
| | | *For >5,000, Deduct* | *-0.09* | |
| 07 24 13 00-0037 | | Starter Tracks For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)* | | |
| 07 24 13 00-0038 | LF | 1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP) | 3.57 | |
| 07 24 13 00-0039 | LF | 1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP) | 3.86 | |
| 07 24 13 00-0040 | LF | 2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP) | 4.20 | |
| 07 24 13 00-0041 | LF | 3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP) | 4.90 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 24 13 00-0042 | LF | 1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE) | 3.86 | |
| 07 24 13 00-0043 | LF | 1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE) | 4.20 | |
| 07 24 13 00-0044 | LF | 2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE) | 4.53 | |
| 07 24 13 00-0045 | LF | 3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE) | 5.31 | |

### 07 24 13 00-0046 Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 24 13 00-0047 | SF | Demolish Exterior Insulation Finishing Systems (EIFS)<br>Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing. | 2.55 | |
| | | *For Up To 100, Add* | *1.28* | |
| | | *For >100 To 500, Add* | *0.64* | |
| | | *For >5,000, Deduct* | *-0.26* | |

## 07 25 Weather Barriers *(07)*

## 07 26 Vapor Retarders *(07 25)*

### 07 26 13 Above-Grade Vapor Retarders *(07 26)*

| | | | |
|---|---|---|---|
| 07 26 13 00-0001 | CSF | Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B) | 24.58 |
| 07 26 13 00-0002 | CSF | Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex) | 22.61 |
| 07 26 13 00-0003 | CSF | 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute) | 28.93 |
| 07 26 13 00-0004 | CSF | Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute) | 38.20 |
| 07 26 13 00-0005 | CSF | Regular Weight Red Rosin Sized Sheathing | 21.83 |
| 07 26 13 00-0006 | CLF | 6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper) | 68.83 |
| 07 26 13 00-0007 | CLF | 4" Wide Self Adhering Butyl Sealing Tape | 108.20 |
| 07 26 13 00-0008 | CLF | 6" Wide Self Adhesive Butyl Sealing Tape | 158.26 |
| 07 26 13 00-0009 | CLF | 9" Wide Self Adhesive Butyl Sealing Tape | 222.36 |
| 07 26 13 00-0010 | CSF | Building Wrap (Tyvek) | 66.08 |

## 07 27 Air Barriers *(07 25)*

### 07 27 23 Board Product Air Barriers *(07 27)*

#### 07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

| | | | | |
|---|---|---|---|---|
| 07 27 23 00-0002 | SF | 0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF | 10.60 | 2.57 |
| | | *For Up To 50, Add* | *3.61* | |
| | | *For >50 To 200, Add* | *2.07* | |
| | | *For >200 To 500, Add* | *0.78* | |
| | | *For >2,500, Deduct* | *-0.53* | |
| 07 27 23 00-0003 | SF | 0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF | 11.45 | 2.57 |
| | | *For Up To 50, Add* | *3.93* | |
| | | *For >50 To 200, Add* | *2.25* | |
| | | *For >200 To 500, Add* | *0.85* | |
| | | *For >2,500, Deduct* | *-0.57* | |
| 07 27 23 00-0004 | SF | Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick | 3.78 | 1.71 |
| | | *For Up To 50, Add* | *1.82* | |
| | | *For >50 To 200, Add* | *1.00* | |
| | | *For >200 To 500, Add* | *0.35* | |
| | | *For >2,500, Deduct* | *-0.19* | |
| 07 27 23 00-0005 | SF | Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick | 6.91 | 2.57 |
| | | *For Up To 50, Add* | *3.25* | |
| | | *For >50 To 200, Add* | *1.80* | |
| | | *For >200 To 500, Add* | *0.62* | |
| | | *For >2,500, Deduct* | *-0.35* | |
| 07 27 23 00-0006 | SF | Aluminum Mesh Barrier For Plenum Kraft Paper Backed | 4.96 | 1.71 |
| | | *For Up To 50, Add* | *2.00* | |
| | | *For >50 To 200, Add* | *1.12* | |
| | | *For >200 To 500, Add* | *0.40* | |
| | | *For >2,500, Deduct* | *-0.25* | |
| 07 27 23 00-0007 | SF | 1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF | 8.37 | 1.71 |
| | | *For Up To 50, Add* | *2.40* | |
| | | *For >50 To 200, Add* | *1.41* | |
| | | *For >200 To 500, Add* | *0.56* | |
| | | *For >2,500, Deduct* | *-0.42* | |

## 07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

## 07 31 Shingles and Shakes *(07 30)*

### 07 31 13 Asphalt Shingles *(07 31)*

#### 07 31 13 13 Fiberglass-Reinforced Asphalt Shingles *(07 31 13)*

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*
Note: Excludes underlayment, drip edges, and ridge vent/shingles.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 31 13 13-0002 | SQ | 200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20) | 229.53 | 134.94 |
| | | *For >35 To 75, Deduct* | *-10.68* | |
| | | *For >75 To 100, Deduct* | *-15.89* | |
| | | *For >100 To 200, Deduct* | *-23.23* | |
| | | *For >200, Deduct* | *-33.63* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *39.27* | |
| 07 31 13 13-0003 | SQ | 220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25) | 240.67 | 141.72 |
| | | *For >35 To 75, Deduct* | *-11.18* | |
| | | *For >75 To 100, Deduct* | *-16.64* | |
| | | *For >100 To 200, Deduct* | *-24.34* | |
| | | *For >200, Deduct* | *-35.25* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *41.23* | |
| 07 31 13 13-0004 | SQ | 230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30) | 282.66 | 148.78 |
| | | *For >35 To 75, Deduct* | *-14.74* | |
| | | *For >75 To 100, Deduct* | *-21.06* | |
| | | *For >100 To 200, Deduct* | *-30.34* | |
| | | *For >200, Deduct* | *-43.00* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *43.30* | |

### 07 31 13 13-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

| | | | | |
|---|---|---|---|---|
| 07 31 13 13-0006 | SQ | 245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark) | 285.21 | 172.27 |
| | | *For >35 To 75, Deduct* | *-12.86* | |
| | | *For >75 To 100, Deduct* | *-19.35* | |
| | | *For >100 To 200, Deduct* | *-28.41* | |
| | | *For >200, Deduct* | *-41.38* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *50.11* | |
| 07 31 13 13-0007 | SQ | 240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate) | 306.91 | 164.02 |
| | | *For >35 To 75, Deduct* | *-15.78* | |
| | | *For >75 To 100, Deduct* | *-22.66* | |
| | | *For >100 To 200, Deduct* | *-32.70* | |
| | | *For >200, Deduct* | *-46.47* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *47.73* | |
| 07 31 13 13-0008 | SQ | 265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus) | 331.59 | 180.88 |
| | | *For >35 To 75, Deduct* | *-16.71* | |
| | | *For >75 To 100, Deduct* | *-24.17* | |
| | | *For >100 To 200, Deduct* | *-34.96* | |
| | | *For >200, Deduct* | *-49.87* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *52.63* | |
| 07 31 13 13-0009 | SQ | 235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras) | 325.25 | 156.21 |
| | | *For >35 To 75, Deduct* | *-18.32* | |
| | | *For >75 To 100, Deduct* | *-25.54* | |
| | | *For >100 To 200, Deduct* | *-36.42* | |
| | | *For >200, Deduct* | *-50.85* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *45.44* | |
| 07 31 13 13-0010 | SQ | 300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium) | 361.48 | 189.93 |
| | | *For >35 To 75, Deduct* | *-18.89* | |
| | | *For >75 To 100, Deduct* | *-26.98* | |
| | | *For >100 To 200, Deduct* | *-38.85* | |
| | | *For >200, Deduct* | *-55.03* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *55.24* | |
| 07 31 13 13-0011 | SQ | 300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence) | 389.16 | 189.93 |
| | | *For >35 To 75, Deduct* | *-21.65* | |
| | | *For >75 To 100, Deduct* | *-30.30* | |
| | | *For >100 To 200, Deduct* | *-43.28* | |
| | | *For >200, Deduct* | *-60.57* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *55.24* | |
| 07 31 13 13-0012 | SQ | 355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake) | 424.44 | 209.37 |
| | | *For >35 To 75, Deduct* | *-23.41* | |
| | | *For >75 To 100, Deduct* | *-32.85* | |
| | | *For >100 To 200, Deduct* | *-46.97* | |
| | | *For >200, Deduct* | *-65.85* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *60.92* | |
| 07 31 13 13-0013 | SQ | 340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL) | 423.18 | 199.43 |
| | | *For >35 To 75, Deduct* | *-24.19* | |
| | | *For >75 To 100, Deduct* | *-33.56* | |
| | | *For >100 To 200, Deduct* | *-47.77* | |
| | | *For >200, Deduct* | *-66.51* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *58.00* | |
| 07 31 13 13-0014 | SQ | 300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris) | 423.19 | 189.93 |
| | | *For >35 To 75, Deduct* | *-25.06* | |
| | | *For >75 To 100, Deduct* | *-34.38* | |
| | | *For >100 To 200, Deduct* | *-48.72* | |
| | | *For >200, Deduct* | *-67.38* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *55.24* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 31 13 13-0015 | SQ | 355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate) | 498.96 | 209.37 |
| | | *For >35 To 75, Deduct* | *-30.86* | |
| | | *For >75 To 100, Deduct* | *-41.79* | |
| | | *For >100 To 200, Deduct* | *-58.89* | |
| | | *For >200, Deduct* | *-80.75* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *60.92* | |
| 07 31 13 13-0016 | SQ | 355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House) | 518.36 | 209.37 |
| | | *For >35 To 75, Deduct* | *-32.80* | |
| | | *For >75 To 100, Deduct* | *-44.12* | |
| | | *For >100 To 200, Deduct* | *-62.00* | |
| | | *For >200, Deduct* | *-84.63* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *60.92* | |
| 07 31 13 13-0017 | SQ | 480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL) | 576.36 | 230.87 |
| | | *For >35 To 75, Deduct* | *-36.65* | |
| | | *For >75 To 100, Deduct* | *-49.22* | |
| | | *For >100 To 200, Deduct* | *-69.13* | |
| | | *For >200, Deduct* | *-94.28* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *67.16* | |
| 07 31 13 13-0018 | SQ | 425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor) | 569.72 | 219.83 |
| | | *For >35 To 75, Deduct* | *-36.98* | |
| | | *For >75 To 100, Deduct* | *-49.38* | |
| | | *For >100 To 200, Deduct* | *-69.17* | |
| | | *For >200, Deduct* | *-93.96* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *63.96* | |

### 07 31 13 13-0019 Asphalt Shingle Accessories *(07 31 13 13)*

| | | | | |
|---|---|---|---|---|
| 07 31 13 13-0020 | LF | Hip And Ridge Roll Vent<br>Note: Excludes shingles. | 7.13 | 0.81 |
| 07 31 13 13-0021 | LF | Three Tab Hip And Ridge Shingles | 3.13 | 2.01 |
| 07 31 13 13-0022 | LF | Architectural Hip And Ridge Shingles | 3.84 | 2.23 |
| 07 31 13 13-0023 | SQ | Demolish Each Additional Layer Of Shingles | 62.57 | |

## 07 31 16 Metal Shingles *(07 31)*

### 07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

| | | | | |
|---|---|---|---|---|
| 07 31 16 00-0002 | SQ | Aluminum Shingles, Mill Finish, 0.020" Thick | 638.20 | 127.90 |
| | | *For Colors, Anodized Finish, Add* | *30.00* | |
| | | *For Bonderized Finish, Add* | *47.00* | |
| | | *For 1" Factory Applied Polystyrene, Add* | *37.00* | |
| 07 31 16 00-0003 | SQ | Aluminum Shingles, Mill Finish, 0.030" Thick | 894.73 | 139.79 |
| | | *For Colors, Anodized Finish, Add* | *30.00* | |
| | | *For Bonderized Finish, Add* | *47.00* | |
| | | *For 1" Factory Applied Polystyrene, Add* | *37.00* | |
| 07 31 16 00-0004 | LF | Aluminum Shingles, Ridge Cap, 0.020" Thick | 12.03 | 1.84 |
| 07 31 16 00-0005 | LF | Aluminum Shingles, Ridge Cap, 0.030" Thick | 12.65 | 1.84 |
| 07 31 16 00-0006 | LF | Aluminum Shingles, Valley Section, 0.020" Thick | 7.37 | 1.84 |
| 07 31 16 00-0007 | LF | Aluminum Shingles, Valley Section, 0.030" Thick | 8.61 | 1.84 |

### 07 31 16 00-0008 Galvanized Steel Shingles *(07 31 16)*

| | | | | |
|---|---|---|---|---|
| 07 31 16 00-0009 | SQ | 24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles | 422.35 | 115.08 |
| | | *For Factory Applied 1" Polystyrene Insulation, Add* | *24.75* | |
| | | *For >50 To 75, Deduct* | *-7.69* | |
| | | *For >75 To 100, Deduct* | *-19.21* | |
| | | *For >100 To 200, Deduct* | *-32.65* | |
| | | *For >200, Deduct* | *-44.17* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *73.66* | |
| 07 31 16 00-0010 | SQ | 26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles | 404.56 | 114.16 |
| | | *For Factory Applied 1" Polystyrene Insulation, Add* | *24.75* | |
| | | *For >50 To 75, Deduct* | *-7.05* | |
| | | *For >75 To 100, Deduct* | *-18.05* | |
| | | *For >100 To 200, Deduct* | *-30.81* | |
| | | *For >200, Deduct* | *-41.80* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *73.04* | |
| 07 31 16 00-0011 | SQ | 24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles | 702.49 | 115.08 |
| | | *For Factory Applied 1" Polystyrene Insulation, Add* | *24.75* | |
| | | *For >50 To 75, Deduct* | *-18.89* | |
| | | *For >75 To 100, Deduct* | *-38.82* | |
| | | *For >100 To 200, Deduct* | *-63.46* | |
| | | *For >200, Deduct* | *-83.39* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *73.66* | |
| 07 31 16 00-0012 | SQ | 26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles | 642.30 | 114.16 |
| | | *For Factory Applied 1" Polystyrene Insulation, Add* | *24.75* | |
| | | *For >50 To 75, Deduct* | *-16.56* | |
| | | *For >75 To 100, Deduct* | *-34.69* | |
| | | *For >100 To 200, Deduct* | *-56.96* | |
| | | *For >200, Deduct* | *-75.09* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *73.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 31 16 00-0013 | LF | Galvanized Steel Shingles, Ridge Or Valley | 7.06 | 1.54 |
| | | *For Factory Applied 1" Polystyrene Insulation, Add* | *24.75* | |
| | | *For >50 To 75, Deduct* | *-0.16* | |
| | | *For >75 To 100, Deduct* | *-0.36* | |
| | | *For >100 To 200, Deduct* | *-0.60* | |
| | | *For >200, Deduct* | *-0.79* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *0.96* | |

## 07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 LB felt and fasteners.

### 07 31 26 00-0001 Shingles Including 30 LB Felt And Nails *(07 31 26)*

| | | | | |
|---|---|---|---|---|
| 07 31 26 00-0002 | SQ | Slate Shingles, Buckingham, Virginia Black, 3/16" Thick | 1,096.67 | 196.35 |
| | | *For >50 To 75, Deduct* | *-26.41* | |
| | | *For >75 To 100, Deduct* | *-57.13* | |
| | | *For >100 To 200, Deduct* | *-94.46* | |
| | | *For >200, Deduct* | *-125.17* | |
| | | *For Graduated Shapes, Add* | *99.05* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |
| 07 31 26 00-0003 | SQ | Slate Shingles, Buckingham, Virginia Black, 1/4" Thick | 1,277.89 | 196.35 |
| | | *For >50 To 75, Deduct* | *-33.66* | |
| | | *For >75 To 100, Deduct* | *-69.82* | |
| | | *For >100 To 200, Deduct* | *-114.39* | |
| | | *For >200, Deduct* | *-150.54* | |
| | | *For Graduated Shapes, Add* | *126.24* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |
| 07 31 26 00-0004 | SQ | Slate Shingles, Penn Black Bangor | 1,223.53 | 196.35 |
| | | *For >50 To 75, Deduct* | *-31.49* | |
| | | *For >75 To 100, Deduct* | *-66.01* | |
| | | *For >100 To 200, Deduct* | *-108.41* | |
| | | *For >200, Deduct* | *-142.93* | |
| | | *For Graduated Shapes, Add* | *118.08* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |
| 07 31 26 00-0005 | SQ | Slate Shingles, Vermont, Unfading Colors, Green | 1,241.65 | 196.35 |
| | | *For >50 To 75, Deduct* | *-32.21* | |
| | | *For >75 To 100, Deduct* | *-67.28* | |
| | | *For >100 To 200, Deduct* | *-110.40* | |
| | | *For >200, Deduct* | *-145.47* | |
| | | *For Graduated Shapes, Add* | *120.80* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |
| 07 31 26 00-0006 | SQ | Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray | 1,314.13 | 196.35 |
| | | *For >50 To 75, Deduct* | *-35.11* | |
| | | *For >75 To 100, Deduct* | *-72.36* | |
| | | *For >100 To 200, Deduct* | *-118.38* | |
| | | *For >200, Deduct* | *-155.62* | |
| | | *For Graduated Shapes, Add* | *131.67* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |
| 07 31 26 00-0007 | SQ | Slate Shingles, Vermont, Unfading Color, Purple | 1,223.53 | 196.35 |
| | | *For >50 To 75, Deduct* | *-31.49* | |
| | | *For >75 To 100, Deduct* | *-66.01* | |
| | | *For >100 To 200, Deduct* | *-108.41* | |
| | | *For >200, Deduct* | *-142.93* | |
| | | *For Graduated Shapes, Add* | *118.08* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |
| 07 31 26 00-0008 | SQ | Slate Shingles, Vermont, Unfading Color, Black Or Gray | 1,169.16 | 196.35 |
| | | *For >50 To 75, Deduct* | *-29.31* | |
| | | *For >75 To 100, Deduct* | *-62.21* | |
| | | *For >100 To 200, Deduct* | *-102.43* | |
| | | *For >200, Deduct* | *-135.32* | |
| | | *For Graduated Shapes, Add* | *109.93* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |
| 07 31 26 00-0009 | SQ | Slate Shingles, Vermont, Unfading Color, Red | 2,301.52 | 196.35 |
| | | *For >50 To 75, Deduct* | *-74.61* | |
| | | *For >75 To 100, Deduct* | *-141.47* | |
| | | *For >100 To 200, Deduct* | *-226.99* | |
| | | *For >200, Deduct* | *-293.85* | |
| | | *For Graduated Shapes, Add* | *279.78* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |
| 07 31 26 00-0010 | SQ | Slate Shingles, Vermont, Unfading Color, Variegated Purple | 1,223.53 | 196.35 |
| | | *For >50 To 75, Deduct* | *-31.49* | |
| | | *For >75 To 100, Deduct* | *-66.01* | |
| | | *For >100 To 200, Deduct* | *-108.41* | |
| | | *For >200, Deduct* | *-142.93* | |
| | | *For Graduated Shapes, Add* | *118.08* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *139.62* | |

## 07 31 29 Wood Shingles and Shakes *(07 31)*

### 07 31 29 13 Wood Shingles *(07 31 29)*

### 07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

### 07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

| | | | | |
|---|---|---|---|---|
| 07 31 29 13-0003 | SQ | 3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof | 760.99 | 171.68 |
| | | *For Steep Roof, Over 7 To 12, Add* | *109.88* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *62.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 31 29 13-0004 | SQ | 5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof | 549.86 | 128.76 |
| | | *For Steep Roof, Over 7 To 12, Add* | *82.41* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *43.85* | |
| 07 31 29 13-0005 | SQ | 4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof | 678.15 | 145.93 |
| | | *For Steep Roof, Over 7 To 12, Add* | *93.40* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *57.94* | |
| 07 31 29 13-0006 | SQ | 5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof | 555.18 | 120.18 |
| | | *For Steep Roof, Over 7 To 12, Add* | *76.92* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *47.22* | |
| 07 31 29 13-0007 | SQ | 5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof | 753.71 | 113.74 |
| | | *For Steep Roof, Over 7 To 12, Add* | *72.79* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *78.93* | |
| 07 31 29 13-0008 | SQ | 7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof | 579.92 | 96.57 |
| | | *For Steep Roof, Over 7 To 12, Add* | *61.80* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *58.02* | |
| 07 31 29 13-0009 | | #1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)* | | |
| 07 31 29 13-0010 | SQ | 7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall | 517.84 | 154.52 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *31.32* | |
| 07 31 29 13-0011 | SQ | 8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall | 508.99 | 145.93 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *32.57* | |
| 07 31 29 13-0012 | SQ | 10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall | 529.51 | 126.62 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *41.44* | |
| 07 31 29 13-0013 | | #2 Grade, Red Cedar Shingles *(07 31 29 13)* | | |
| 07 31 29 13-0014 | | #2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)* | | |
| 07 31 29 13-0015 | SQ | 3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof | 697.85 | 180.27 |
| | | *For Steep Roof, Over 7 To 12, Add* | *115.37* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *50.60* | |
| 07 31 29 13-0016 | SQ | 4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof | 621.35 | 163.10 |
| | | *For Steep Roof, Over 7 To 12, Add* | *104.38* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *44.27* | |
| 07 31 29 13-0017 | SQ | 4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof | 667.39 | 163.10 |
| | | *For Steep Roof, Over 7 To 12, Add* | *104.38* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *51.18* | |
| 07 31 29 13-0018 | SQ | 4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof | 595.38 | 145.93 |
| | | *For Steep Roof, Over 7 To 12, Add* | *93.40* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *45.53* | |
| 07 31 29 13-0019 | SQ | 5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof | 594.62 | 113.74 |
| | | *For Steep Roof, Over 7 To 12, Add* | *72.79* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *55.07* | |
| 07 31 29 13-0020 | SQ | 6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof | 483.41 | 98.72 |
| | | *For Steep Roof, Over 7 To 12, Add* | *63.18* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *42.90* | |
| 07 31 29 13-0021 | | #2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)* | | |
| 07 31 29 13-0022 | SQ | 6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall | 494.85 | 163.10 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *25.30* | |
| 07 31 29 13-0023 | SQ | 7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall | 479.62 | 154.52 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *25.59* | |
| 07 31 29 13-0024 | SQ | 9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall | 467.45 | 137.35 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *28.91* | |
| **07 31 29 16** | | **Wood Shakes** *(07 31 29)* | | |
| 07 31 29 16-0001 | | #1 Grade, Red Cedar Shakes *(07 31 29 16)* | | |
| 07 31 29 16-0002 | | #1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)* | | |
| 07 31 29 16-0003 | SQ | 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof | 548.84 | 139.49 |
| | | *For Steep Roof, Over 7 To 12, Add* | *89.28* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *40.48* | |
| 07 31 29 16-0004 | SQ | 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof | 638.79 | 139.49 |
| | | *For Steep Roof, Over 7 To 12, Add* | *89.28* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *53.97* | |
| 07 31 29 16-0005 | SQ | 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof | 598.52 | 113.74 |
| | | *For Steep Roof, Over 7 To 12, Add* | *72.79* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *55.66* | |
| 07 31 29 16-0006 | SQ | 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof | 636.75 | 113.74 |
| | | *For Steep Roof, Over 7 To 12, Add* | *72.79* | |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *61.39* | |
| 07 31 29 16-0007 | | #1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)* | | |
| 07 31 29 16-0008 | SQ | 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall | 570.30 | 150.22 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *40.48* | |
| 07 31 29 16-0009 | SQ | 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall | 660.25 | 150.22 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *53.97* | |
| 07 31 29 16-0010 | SQ | 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall | 628.57 | 128.76 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *55.66* | |
| 07 31 29 16-0011 | SQ | 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall | 666.80 | 128.76 |
| | | *For Pressure-Impregnated Treated (Preservative), Add* | *61.39* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 07 31 29 19 Wood Shingles And Shakes Cap *(07 31 29)*

#### 07 31 29 19-0001 Wood Hip And Ridge Cap For Wood Shingles Or Shakes *(07 31 29 19)*

| | | | | |
|---|---|---|---|---|
| 07 31 29 19-0002 | LF | Red Cedar Hip Or Ridge Cap For Wood Shingles Or Shakes | 9.72 | 1.12 |
| | | *For Steep Roof, Over 7 To 12, Add* | *0.83* | |
| | | *For Pressure-Impregnated Treated (Preservative) Ridge, Add* | *1.07* | |

### 07 31 33 Composite Rubber Shingles *(07 31)*

#### 07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles *(07 31 33)*

Note: As manufactured by EcoStar.

| | | | | |
|---|---|---|---|---|
| 07 31 33 00-0002 | SQ | Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure | 1,079.71 | 171.39 |
| | | Note: Gray or black. | | |
| | | *For Purple Or Green Color, Add* | *117.91* | |
| | | *For Brown Or Red Color, Add* | *302.15* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *109.68* | |
| | | *For >50 To 75, Deduct* | *-18.42* | |
| | | *For >75 To 100, Deduct* | *-45.42* | |
| | | *For >100 To 200, Deduct* | *-72.41* | |
| | | *For >200, Deduct* | *-107.97* | |
| 07 31 33 00-0003 | SQ | Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure | 1,571.01 | 171.39 |
| | | Note: Fire resistant. Gray or black. | | |
| | | *For Purple, Green, Brown Or Red, Add* | *184.24* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *109.68* | |
| | | *For >50 To 75, Deduct* | *-30.71* | |
| | | *For >75 To 100, Deduct* | *-69.98* | |
| | | *For >100 To 200, Deduct* | *-109.26* | |
| | | *For >200, Deduct* | *-157.10* | |
| 07 31 33 00-0004 | SQ | Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure | 1,282.01 | 171.39 |
| | | Note: Beaver tail, chisel point or beveled edges. Gray or black. | | |
| | | *For Purple, Green, Brown Or Red, Add* | *338.13* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *109.68* | |
| | | *For >50 To 75, Deduct* | *-23.48* | |
| | | *For >75 To 100, Deduct* | *-55.53* | |
| | | *For >100 To 200, Deduct* | *-87.58* | |
| | | *For >200, Deduct* | *-128.20* | |
| 07 31 33 00-0005 | SQ | Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure | 1,672.16 | 171.39 |
| | | Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black. | | |
| | | *For Purple, Green, Brown Or Red, Add* | *146.24* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *109.68* | |
| | | *For >50 To 75, Deduct* | *-33.24* | |
| | | *For >75 To 100, Deduct* | *-75.04* | |
| | | *For >100 To 200, Deduct* | *-116.84* | |
| | | *For >200, Deduct* | *-167.22* | |
| 07 31 33 00-0006 | LF | Hip Or Ridge Polymeric Rubber Slate Shingle | 12.36 | 1.15 |
| | | Note: Beveled or pointed edges, gray or black. | | |

## 07 32 Roof Tiles *(07 30)*

### 07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

#### 07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

| | | | | |
|---|---|---|---|---|
| 07 32 13 00-0002 | SQ | Lanai Or Classic Tile, 158 Piece Per SQ | 1,161.03 | 186.22 |
| | | *For >25 To 50, Deduct* | *-47.31* | |
| | | *For >50 To 75, Deduct* | *-88.17* | |
| | | *For >75 To 100, Deduct* | *-121.14* | |
| | | *For >100 To 200, Deduct* | *-146.22* | |
| | | *For >200, Deduct* | *-163.42* | |
| | | *For 20 Year Warranty, Add* | *55.20* | |
| 07 32 13 00-0003 | SQ | Americana (Most Colors) Tile Roofing, 158 Piece Per SQ | 1,415.18 | 186.22 |
| | | *For >25 To 50, Deduct* | *-62.56* | |
| | | *For >50 To 75, Deduct* | *-113.58* | |
| | | *For >75 To 100, Deduct* | *-154.18* | |
| | | *For >100 To 200, Deduct* | *-184.34* | |
| | | *For >200, Deduct* | *-204.08* | |
| | | *For 20 Year Warranty, Add* | *72.99* | |
| 07 32 13 00-0004 | SQ | Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ | 1,415.18 | 186.22 |
| | | *For >25 To 50, Deduct* | *-62.56* | |
| | | *For >50 To 75, Deduct* | *-113.58* | |
| | | *For >75 To 100, Deduct* | *-154.18* | |
| | | *For >100 To 200, Deduct* | *-184.34* | |
| | | *For >200, Deduct* | *-204.08* | |
| | | *For 20 Year Warranty, Add* | *72.99* | |
| 07 32 13 00-0005 | SQ | Americana (Blue) Tile, 158 Piece Per SQ | 1,630.82 | 186.22 |
| | | *For >25 To 50, Deduct* | *-75.50* | |
| | | *For >50 To 75, Deduct* | *-135.15* | |
| | | *For >75 To 100, Deduct* | *-182.21* | |
| | | *For >100 To 200, Deduct* | *-216.69* | |
| | | *For >200, Deduct* | *-238.58* | |
| | | *For 20 Year Warranty, Add* | *88.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 32 13 00-0006 | SQ | French Tile Roofing, Red, 133 Piece Per SQ | 1,380.56 | 227.69 |
| | | *For >25 To 50, Deduct* | *-55.51* | |
| | | *For >50 To 75, Deduct* | *-103.90* | |
| | | *For >75 To 100, Deduct* | *-143.04* | |
| | | *For >100 To 200, Deduct* | *-172.93* | |
| | | *For >200, Deduct* | *-193.57* | |
| | | *For 20 Year Warranty, Add* | *64.76* | |
| 07 32 13 00-0007 | SQ | French Tile Roofing, Blue Or Green, 133 Piece Per SQ | 1,759.91 | 227.69 |
| | | *For >25 To 50, Deduct* | *-78.27* | |
| | | *For >50 To 75, Deduct* | *-141.84* | |
| | | *For >75 To 100, Deduct* | *-192.36* | |
| | | *For >100 To 200, Deduct* | *-229.83* | |
| | | *For >200, Deduct* | *-254.26* | |
| | | *For 20 Year Warranty, Add* | *91.32* | |
| 07 32 13 00-0008 | SQ | Norman Tile Roofing, 317 Piece Per SQ | 2,234.44 | 307.16 |
| | | *For >25 To 50, Deduct* | *-97.22* | |
| | | *For >50 To 75, Deduct* | *-177.38* | |
| | | *For >75 To 100, Deduct* | *-241.35* | |
| | | *For >100 To 200, Deduct* | *-289.11* | |
| | | *For >200, Deduct* | *-320.66* | |
| | | *For 20 Year Warranty, Add* | *113.42* | |
| 07 32 13 00-0009 | SQ | Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ | 1,190.76 | 227.69 |
| | | *For >25 To 50, Deduct* | *-44.12* | |
| | | *For >50 To 75, Deduct* | *-84.92* | |
| | | *For >75 To 100, Deduct* | *-118.37* | |
| | | *For >100 To 200, Deduct* | *-144.46* | |
| | | *For >200, Deduct* | *-163.20* | |
| | | *For 20 Year Warranty, Add* | *51.48* | |
| 07 32 13 00-0010 | SQ | Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ | 1,498.06 | 227.69 |
| | | *For >25 To 50, Deduct* | *-62.56* | |
| | | *For >50 To 75, Deduct* | *-115.65* | |
| | | *For >75 To 100, Deduct* | *-158.32* | |
| | | *For >100 To 200, Deduct* | *-190.56* | |
| | | *For >200, Deduct* | *-212.37* | |
| | | *For 20 Year Warranty, Add* | *72.99* | |
| 07 32 13 00-0011 | SQ | Spanish Tile Roofing, Red, 171 Piece Per SQ | 1,037.12 | 170.48 |
| | | *For >25 To 50, Deduct* | *-41.77* | |
| | | *For >50 To 75, Deduct* | *-78.14* | |
| | | *For >75 To 100, Deduct* | *-107.55* | |
| | | *For >100 To 200, Deduct* | *-129.99* | |
| | | *For >200, Deduct* | *-145.48* | |
| | | *For 20 Year Warranty, Add* | *48.73* | |
| 07 32 13 00-0012 | SQ | Spanish Tile Roofing, Blend, 171 Piece Per SQ | 1,368.29 | 170.48 |
| | | *For >25 To 50, Deduct* | *-61.64* | |
| | | *For >50 To 75, Deduct* | *-111.25* | |
| | | *For >75 To 100, Deduct* | *-150.60* | |
| | | *For >100 To 200, Deduct* | *-179.67* | |
| | | *For >200, Deduct* | *-198.47* | |
| | | *For 20 Year Warranty, Add* | *71.91* | |
| 07 32 13 00-0013 | SQ | Spanish Tile Roofing, Glazed White, 171 Piece Per SQ | 1,653.24 | 170.48 |
| | | *For >25 To 50, Deduct* | *-78.74* | |
| | | *For >50 To 75, Deduct* | *-139.75* | |
| | | *For >75 To 100, Deduct* | *-187.64* | |
| | | *For >100 To 200, Deduct* | *-222.41* | |
| | | *For >200, Deduct* | *-244.06* | |
| | | *For 20 Year Warranty, Add* | *91.86* | |
| 07 32 13 00-0014 | SQ | Two Piece Mission Tile Roofing, 192 Piece Per SQ | 1,962.23 | 267.23 |
| | | *For >25 To 50, Deduct* | *-85.67* | |
| | | *For >50 To 75, Deduct* | *-156.14* | |
| | | *For >75 To 100, Deduct* | *-212.33* | |
| | | *For >100 To 200, Deduct* | *-254.25* | |
| | | *For >200, Deduct* | *-281.89* | |
| | | *For 20 Year Warranty, Add* | *99.94* | |
| 07 32 13 00-0015 | SQ | One Piece Mission Tile Roofing, 75 Piece Per SQ | 829.87 | 186.22 |
| | | *For >25 To 50, Deduct* | *-27.44* | |
| | | *For >50 To 75, Deduct* | *-55.05* | |
| | | *For >75 To 100, Deduct* | *-78.08* | |
| | | *For >100 To 200, Deduct* | *-96.54* | |
| | | *For >200, Deduct* | *-110.43* | |
| | | *For 20 Year Warranty, Add* | *32.02* | |
| 07 32 13 00-0016 | SQ | One Piece Mission Tile Roofing, 134 Piece Per SQ | 1,095.82 | 267.23 |
| | | *For >25 To 50, Deduct* | *-33.68* | |
| | | *For >50 To 75, Deduct* | *-69.50* | |
| | | *For >75 To 100, Deduct* | *-99.70* | |
| | | *For >100 To 200, Deduct* | *-124.29* | |
| | | *For >200, Deduct* | *-143.26* | |
| | | *For 20 Year Warranty, Add* | *39.30* | |

## 07 32 16 Concrete Roof Tiles *(07 32)*

### 07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 lb felt underlayment.

| | | | | |
|---|---|---|---|---|
| 07 32 16 00-0002 | SQ | 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated | 815.93 | 282.28 |
| | | *For >50 To 75, Deduct* | *-10.05* | |
| | | *For >75 To 100, Deduct* | *-31.71* | |
| | | *For >100 To 200, Deduct* | *-55.87* | |
| | | *For >200, Deduct* | *-77.53* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *180.68* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 32 16 00-0003 | SQ | 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated | 1,066.13 | 282.28 |
| | | *For >50 To 75, Deduct* | *-20.06* | |
| | | *For >75 To 100, Deduct* | *-49.22* | |
| | | *For >100 To 200, Deduct* | *-83.40* | |
| | | *For >200, Deduct* | *-112.56* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *180.68* | |
| 07 32 16 00-0004 | SQ | 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated | 865.97 | 282.28 |
| | | *For >50 To 75, Deduct* | *-12.05* | |
| | | *For >75 To 100, Deduct* | *-35.21* | |
| | | *For >100 To 200, Deduct* | *-61.38* | |
| | | *For >200, Deduct* | *-84.53* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *180.68* | |
| 07 32 16 00-0005 | SQ | 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes | 819.05 | 252.56 |
| | | *For >50 To 75, Deduct* | *-12.55* | |
| | | *For >75 To 100, Deduct* | *-34.60* | |
| | | *For >100 To 200, Deduct* | *-59.78* | |
| | | *For >200, Deduct* | *-81.83* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *161.67* | |

### 07 32 16 00-0006 Accessories *(07 32 16)*

| | | | |
|---|---|---|---|
| 07 32 16 00-0007 | EA | Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof | 4.23 |
| 07 32 16 00-0008 | EA | Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof | 2.78 |
| 07 32 16 00-0009 | EA | Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof | 4.20 |
| 07 32 16 00-0010 | EA | Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof | 4.81 |
| 07 32 16 00-0011 | EA | 3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof | 5.00 |

## 07 34 Roofing Underlayment *(07 30)*

### 07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment *(07 34)*

Note: Standard slope.

| | | | | |
|---|---|---|---|---|
| 07 34 00 00-0002 | SQ | 15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened | 30.48 | 5.52 |
| | | *For Steep Roof, Over 7 To 12, Add* | *3.54* | |
| | | *For >50 To 75, Deduct* | *-0.78* | |
| | | *For >75 To 100, Deduct* | *-1.64* | |
| | | *For >100 To 200, Deduct* | *-2.69* | |
| | | *For >200, Deduct* | *-3.83* | |
| 07 34 00 00-0003 | SQ | 30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened | 47.67 | 7.60 |
| | | *For Steep Roof, Over 7 To 12, Add* | *4.86* | |
| | | *For >50 To 75, Deduct* | *-1.30* | |
| | | *For >75 To 100, Deduct* | *-2.65* | |
| | | *For >100 To 200, Deduct* | *-4.33* | |
| | | *For >200, Deduct* | *-6.07* | |
| 07 34 00 00-0004 | SQ | 30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened | 53.78 | 7.60 |
| | | *For Steep Roof, Over 7 To 12, Add* | *4.86* | |
| | | *For >50 To 75, Deduct* | *-1.54* | |
| | | *For >75 To 100, Deduct* | *-3.08* | |
| | | *For >100 To 200, Deduct* | *-5.00* | |
| | | *For >200, Deduct* | *-6.92* | |
| 07 34 00 00-0005 | SQ | Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt) | 57.70 | 11.51 |
| | | *For Steep Roof, Over 7 To 12, Add* | *7.37* | |
| | | *For >50 To 75, Deduct* | *-1.39* | |
| | | *For >75 To 100, Deduct* | *-3.00* | |
| | | *For >100 To 200, Deduct* | *-4.97* | |
| | | *For >200, Deduct* | *-7.16* | |
| 07 34 00 00-0006 | SQ | 17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25) | 64.94 | 11.51 |
| | | *For Steep Roof, Over 7 To 12, Add* | *7.37* | |
| | | *For >50 To 75, Deduct* | *-1.68* | |
| | | *For >75 To 100, Deduct* | *-3.51* | |
| | | *For >100 To 200, Deduct* | *-5.76* | |
| | | *For >200, Deduct* | *-8.17* | |
| 07 34 00 00-0007 | SQ | 25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30) | 76.88 | 11.51 |
| | | *For Steep Roof, Over 7 To 12, Add* | *7.37* | |
| | | *For >50 To 75, Deduct* | *-2.15* | |
| | | *For >75 To 100, Deduct* | *-4.35* | |
| | | *For >100 To 200, Deduct* | *-7.08* | |
| | | *For >200, Deduct* | *-9.84* | |
| 07 34 00 00-0008 | SQ | 30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50) | 70.91 | 11.51 |
| | | *For Steep Roof, Over 7 To 12, Add* | *7.37* | |
| | | *For >50 To 75, Deduct* | *-1.92* | |
| | | *For >75 To 100, Deduct* | *-3.93* | |
| | | *For >100 To 200, Deduct* | *-6.42* | |
| | | *For >200, Deduct* | *-9.01* | |

### 07 34 00 00-0009 Self-Adhering, Roofing Underlayment *(07 34)*

Note: Standard slope.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 34 00 00-0010 | SQ | 48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat) | 126.95 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-3.96* | |
| | | *For >75 To 100, Deduct* | *-7.63* | |
| | | *For >100 To 200, Deduct* | *-12.29* | |
| | | *For >200, Deduct* | *-16.66* | |
| 07 34 00 00-0011 | SQ | 60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®) | 196.14 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-6.73* | |
| | | *For >75 To 100, Deduct* | *-12.47* | |
| | | *For >100 To 200, Deduct* | *-19.90* | |
| | | *For >200, Deduct* | *-26.34* | |
| 07 34 00 00-0012 | SQ | 53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G) | 135.51 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-4.30* | |
| | | *For >75 To 100, Deduct* | *-8.23* | |
| | | *For >100 To 200, Deduct* | *-13.23* | |
| | | *For >200, Deduct* | *-17.86* | |
| 07 34 00 00-0013 | SQ | 65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal) | 126.95 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-3.96* | |
| | | *For >75 To 100, Deduct* | *-7.63* | |
| | | *For >100 To 200, Deduct* | *-12.29* | |
| | | *For >200, Deduct* | *-16.66* | |
| 07 34 00 00-0014 | SQ | 45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30) | 186.16 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-6.33* | |
| | | *For >75 To 100, Deduct* | *-11.78* | |
| | | *For >100 To 200, Deduct* | *-18.80* | |
| | | *For >200, Deduct* | *-24.95* | |
| 07 34 00 00-0015 | SQ | 25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select) | 154.89 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-5.08* | |
| | | *For >75 To 100, Deduct* | *-9.59* | |
| | | *For >100 To 200, Deduct* | *-15.36* | |
| | | *For >200, Deduct* | *-20.57* | |
| 07 34 00 00-0016 | SQ | 40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®) | 235.46 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-8.30* | |
| | | *For >75 To 100, Deduct* | *-15.23* | |
| | | *For >100 To 200, Deduct* | *-24.23* | |
| | | *For >200, Deduct* | *-31.85* | |
| 07 34 00 00-0017 | SQ | 40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT) | 270.74 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-9.71* | |
| | | *For >75 To 100, Deduct* | *-17.70* | |
| | | *For >100 To 200, Deduct* | *-28.11* | |
| | | *For >200, Deduct* | *-36.79* | |
| 07 34 00 00-0018 | SQ | 30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra) | 403.14 | 13.96 |
| | | *For Steep Roof, Over 7 To 12, Add* | *8.93* | |
| | | *For >50 To 75, Deduct* | *-15.01* | |
| | | *For >75 To 100, Deduct* | *-26.96* | |
| | | *For >100 To 200, Deduct* | *-42.67* | |
| | | *For >200, Deduct* | *-55.32* | |

## 07 40 Roofing and Siding Panels *(07)*

### 07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

#### 07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*
Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 41 13 00-0004 | SF | 18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels | 7.87 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0005 | SF | 20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels | 7.16 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 41 13 00-0006 | SF | 22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels | 6.66 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0007 | SF | 24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels | 6.17 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0008 | SF | 26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels | 5.76 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0009 | SF | 29 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels | 5.41 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0010 | SF | 30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels | 5.27 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |

### 07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*

See CSI section 07 41 13 00-0038 for accessories.

| | | | | |
|---|---|---|---|---|
| 07 41 13 00-0012 | LF | Ridge Flashing For Galvanized Steel Exposed Fastener Roofing | 22.98 | 2.49 |
| | | *For Steep Roof, Over 7 To 12, Add* | *3.22* | |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.29* | |
| 07 41 13 00-0013 | LF | 9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing | 14.36 | 1.63 |
| | | *For Steep Roof, Over 7 To 12, Add* | *2.14* | |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *0.77* | |
| 07 41 13 00-0014 | LF | Valley Flashing For Galvanized Steel Exposed Fastener Roofing | 28.06 | 2.49 |
| | | *For Steep Roof, Over 7 To 12, Add* | *3.22* | |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.80* | |
| 07 41 13 00-0015 | LF | Hip Flashing For Galvanized Steel Exposed Fastener Roofing | 23.45 | 2.49 |
| | | *For Steep Roof, Over 7 To 12, Add* | *3.22* | |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.34* | |

### 07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

### 07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*

| | | | | |
|---|---|---|---|---|
| 07 41 13 00-0018 | SF | 0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels | 4.68 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0019 | SF | 0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels | 4.82 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0020 | SF | 0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels | 5.14 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0021 | SF | 0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels | 5.57 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0022 | SF | 0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels | 6.01 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |
| 07 41 13 00-0023 | SF | 0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels | 6.55 | 2.40 |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.31* | |
| | | *For Steep Roof, Over 7 To 12, Add* | *1.23* | |

### 07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*

| | | | | |
|---|---|---|---|---|
| 07 41 13 00-0025 | LF | Ridge Flashing For Aluminum Exposed Fastener Metal Roofing | 26.10 | 2.49 |
| | | *For Steep Roof, Over 7 To 12, Add* | *3.22* | |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.60* | |
| 07 41 13 00-0026 | LF | 9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing | 16.16 | 1.72 |
| | | *For Steep Roof, Over 7 To 12, Add* | *2.14* | |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *0.95* | |
| 07 41 13 00-0027 | LF | Valley Flashing For Aluminum Exposed Fastener Metal Roofing | 32.44 | 2.49 |
| | | *For Steep Roof, Over 7 To 12, Add* | *3.22* | |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *2.24* | |
| 07 41 13 00-0028 | LF | Hip Flashing For Aluminum Exposed Fastener Metal Roofing | 26.68 | 2.49 |
| | | *For Steep Roof, Over 7 To 12, Add* | *3.22* | |
| | | *For Fluoropolymer (Kynar®) Coating, Add* | *1.66* | |

### 07 41 13 00-0029 Standing Seam Roofs *(07 41 13)*

Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.

### 07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

### 07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0030)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 41 13 00-0032 | SF | Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing | 10.97 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.63* | |
| | | *For Panels <16" Wide, Add* | *1.49* | |
| | | *For Up To 1,500, Add* | *2.74* | |
| | | *For >1,500 To 5,000, Add* | *1.65* | |
| | | *For >5,000 To 10,000, Add* | *0.27* | |
| 07 41 13 00-0033 | SF | Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing | 11.52 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.64* | |
| | | *For Panels <16" Wide, Add* | *1.52* | |
| | | *For Up To 1,500, Add* | *2.88* | |
| | | *For >1,500 To 5,000, Add* | *1.73* | |
| | | *For >5,000 To 10,000, Add* | *0.29* | |
| 07 41 13 00-0034 | SF | Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing | 10.48 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.62* | |
| | | *For Panels <16" Wide, Add* | *1.46* | |
| | | *For Up To 1,500, Add* | *2.62* | |
| | | *For >1,500 To 5,000, Add* | *1.57* | |
| | | *For >5,000 To 10,000, Add* | *0.26* | |
| 07 41 13 00-0035 | SF | Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing | 10.67 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.62* | |
| | | *For Panels <16" Wide, Add* | *1.47* | |
| | | *For Up To 1,500, Add* | *2.67* | |
| | | *For >1,500 To 5,000, Add* | *1.60* | |
| | | *For >5,000 To 10,000, Add* | *0.27* | |
| 07 41 13 00-0036 | SF | Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing | 10.90 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.62* | |
| | | *For Panels <16" Wide, Add* | *1.48* | |
| | | *For Up To 1,500, Add* | *2.73* | |
| | | *For >1,500 To 5,000, Add* | *1.64* | |
| | | *For >5,000 To 10,000, Add* | *0.27* | |
| 07 41 13 00-0037 | SF | Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing | 11.70 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.64* | |
| | | *For Panels <16" Wide, Add* | *1.52* | |
| | | *For Up To 1,500, Add* | *2.93* | |
| | | *For >1,500 To 5,000, Add* | *1.76* | |
| | | *For >5,000 To 10,000, Add* | *0.29* | |
| 07 41 13 00-0038 | | Accessories For Galvanized Steel Standing Seam Roofing *(07 41 13 00-0030)* | | |
| 07 41 13 00-0039 | LF | Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing | 24.28 | 2.49 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.02* | |
| | | *For 140 MPH Wind Load, Add* | *1.29* | |
| 07 41 13 00-0040 | LF | 9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing | 15.13 | 1.72 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.01* | |
| | | *For 140 MPH Wind Load, Add* | *0.84* | |
| 07 41 13 00-0041 | LF | Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing | 29.86 | 2.49 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.02* | |
| | | *For 140 MPH Wind Load, Add* | *1.40* | |
| 07 41 13 00-0042 | LF | Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing | 24.78 | 2.49 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.02* | |
| | | *For 140 MPH Wind Load, Add* | *1.30* | |
| 07 41 13 00-0043 | | Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)* | | |
| | | Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish. | | |
| 07 41 13 00-0044 | | Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0043)* | | |
| 07 41 13 00-0045 | SF | Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing | 11.36 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.63* | |
| | | *For Panels <16" Wide, Add* | *1.51* | |
| | | *For Up To 1,500, Add* | *2.84* | |
| | | *For >1,500 To 5,000, Add* | *1.70* | |
| | | *For >5,000 To 10,000, Add* | *0.28* | |
| 07 41 13 00-0046 | SF | Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing | 11.83 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.64* | |
| | | *For Panels <16" Wide, Add* | *1.53* | |
| | | *For Up To 1,500, Add* | *2.96* | |
| | | *For >1,500 To 5,000, Add* | *1.77* | |
| | | *For >5,000 To 10,000, Add* | *0.30* | |
| 07 41 13 00-0047 | SF | Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing | 11.09 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.63* | |
| | | *For Panels <16" Wide, Add* | *1.49* | |
| | | *For Up To 1,500, Add* | *2.77* | |
| | | *For >1,500 To 5,000, Add* | *1.66* | |
| | | *For >5,000 To 10,000, Add* | *0.28* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 41 13 00-0048 | SF | Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing | 11.96 | 2.54 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.52* | |
| | | *For 140 MPH Wind Load, Add* | *0.65* | |
| | | *For Panels <16" Wide, Add* | *1.54* | |
| | | *For Up To 1,500, Add* | *2.99* | |
| | | *For >1,500 To 5,000, Add* | *1.79* | |
| | | *For >5,000 To 10,000, Add* | *0.30* | |

### 07 41 13 00-0049 Accessories For Aluminum Standing Seam Roofing *(07 41 13 00-0043)*

| | | | | |
|---|---|---|---|---|
| 07 41 13 00-0050 | LF | Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing | 27.70 | 2.49 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.02* | |
| | | *For 140 MPH Wind Load, Add* | *1.36* | |
| 07 41 13 00-0051 | LF | 9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing | 17.10 | 1.72 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.01* | |
| | | *For 140 MPH Wind Load, Add* | *0.88* | |
| 07 41 13 00-0052 | LF | Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing | 34.68 | 2.49 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.02* | |
| | | *For 140 MPH Wind Load, Add* | *1.50* | |
| 07 41 13 00-0053 | LF | Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing | 28.34 | 2.49 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.02* | |
| | | *For 140 MPH Wind Load, Add* | *1.37* | |

### 07 41 13 00-0054 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

### 07 41 13 00-0055 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

| | | | | |
|---|---|---|---|---|
| 07 41 13 00-0056 | SF | Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing | 21.16 | 3.05 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.28* | |
| | | *For 140 MPH Wind Load, Add* | *1.03* | |
| | | *For Panels <16" Wide, Add* | *2.47* | |
| | | *For Up To 1,500, Add* | *5.29* | |
| | | *For >1,500 To 5,000, Add* | *3.17* | |
| | | *For >5,000 To 10,000, Add* | *0.53* | |
| 07 41 13 00-0057 | SF | Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing | 24.04 | 3.05 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.28* | |
| | | *For 140 MPH Wind Load, Add* | *1.09* | |
| | | *For Panels <16" Wide, Add* | *2.61* | |
| | | *For Up To 1,500, Add* | *6.01* | |
| | | *For >1,500 To 5,000, Add* | *3.61* | |
| | | *For >5,000 To 10,000, Add* | *0.60* | |
| 07 41 13 00-0058 | SF | Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing | 27.46 | 3.05 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.28* | |
| | | *For 140 MPH Wind Load, Add* | *1.16* | |
| | | *For Panels <16" Wide, Add* | *2.78* | |
| | | *For Up To 1,500, Add* | *6.87* | |
| | | *For >1,500 To 5,000, Add* | *4.12* | |
| | | *For >5,000 To 10,000, Add* | *0.69* | |
| 07 41 13 00-0059 | SF | Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing | 31.84 | 3.05 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.28* | |
| | | *For 140 MPH Wind Load, Add* | *1.25* | |
| | | *For Panels <16" Wide, Add* | *3.00* | |
| | | *For Up To 1,500, Add* | *7.96* | |
| | | *For >1,500 To 5,000, Add* | *4.78* | |
| | | *For >5,000 To 10,000, Add* | *0.80* | |

### 07 41 13 00-0060 Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

| | | | | |
|---|---|---|---|---|
| 07 41 13 00-0061 | LF | Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing | 64.04 | 2.77 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.34* | |
| | | *For 140 MPH Wind Load, Add* | *2.17* | |
| 07 41 13 00-0062 | LF | 9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing | 34.67 | 1.82 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.21* | |
| | | *For 140 MPH Wind Load, Add* | *1.28* | |
| 07 41 13 00-0063 | LF | Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing | 88.17 | 2.77 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.31* | |
| | | *For 140 MPH Wind Load, Add* | *2.65* | |
| 07 41 13 00-0064 | LF | Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing | 65.96 | 2.77 |
| | | *For Steep Roof, Over 6 To 12, Add* | *3.34* | |
| | | *For 140 MPH Wind Load, Add* | *2.21* | |

### 07 41 13 00-0065 Metal Roof Surfacing *(07 41 13)*

| | | | | |
|---|---|---|---|---|
| 07 41 13 00-0066 | SF | Acrylic, Metal Roof Primer, One Coat | 0.39 | |
| | | *For Steep Roof, Over 7 To 12, Add* | *0.05* | |
| 07 41 13 00-0067 | SF | Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat<br>Note: 55% solids by volume. | 0.60 | |
| | | *For Steep Roof, Over 7 To 12, Add* | *0.05* | |

## 07 41 33 Plastic Roof Panels *(07 41)*

### 07 41 33 00-0001 Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*

### 07 41 33 00-0002 Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 41 33 00-0003 | SF | Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide | 4.64 | 1.54 |
| 07 41 33 00-0004 | SF | Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide | 4.45 | 1.38 |
| 07 41 33 00-0005 | SF | Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide | 4.81 | 1.54 |
| 07 41 33 00-0006 | SF | Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide | 4.59 | 1.38 |
| 07 41 33 00-0007 | | Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)* | | |
| 07 41 33 00-0008 | LF | 1" "J" Channel, Starter Strip Trim | 2.81 | 1.15 |
| 07 41 33 00-0009 | LF | 3-1/2" "J" Channel, Starter Strip Trim | 4.14 | 1.15 |
| 07 41 33 00-0010 | LF | Outside Corner Post, 7/8" Pocket | 4.53 | 1.15 |
| 07 41 33 00-0011 | LF | Inside Corner Post, 7/8" Pocket | 3.49 | 1.15 |
| 07 41 33 00-0012 | | Fiberglass Roofing Panel *(07 41 33)* | | |
| 07 41 33 00-0013 | | Corrugated Panels *(07 41 33 00-0012)* | | |
| 07 41 33 00-0014 | SF | 8 Ounce Corrugated Fiberglass Panel | 5.11 | 1.23 |
| 07 41 33 00-0015 | SF | 12 Ounce Corrugated Fiberglass Panel | 5.97 | 1.23 |

## 07 42 Wall Panels *(07 40)*

### 07 42 13 Metal Wall Panels *(07 42)*

### 07 42 13 19 Insulated Metal Wall Panels *(07 42 13)*

07 42 13 19-0001 Insulated Panels For Sash/Window Replacement *(07 42 13 19)*
Note: Porcelain or polymer finish on aluminum panel with polystyrene core.

| | | | | |
|---|---|---|---|---|
| 07 42 13 19-0002 | SF | 1" Insulated Panel For Sash Or Window Replacement | 19.54 | 3.43 |
| | | *For Non-Insulated Panels, Deduct* | *-3.16* | |
| 07 42 13 19-0003 | SF | 1-1/4" Insulated Panel For Sash Or Window Replacement | 21.15 | 3.86 |
| | | *For Non-Insulated Panels, Deduct* | *-3.37* | |
| 07 42 13 19-0004 | SF | 1-3/4" Insulated Panel For Sash Or Window Replacement | 22.61 | 4.30 |
| | | *For Non-Insulated Panels, Deduct* | *-3.59* | |
| 07 42 13 19-0005 | SF | 2-1/4" Insulated Panel For Sash Or Window Replacement | 24.18 | 4.47 |
| | | *For Non-Insulated Panels, Deduct* | *-3.81* | |
| 07 42 13 19-0006 | SF | 3-1/4" Insulated Panel For Sash Or Window Replacement | 27.45 | 4.89 |
| | | *For Non-Insulated Panels, Deduct* | *-4.43* | |
| 07 42 13 19-0007 | SF | 4-1/4" Insulated Panel For Sash Or Window Replacement | 31.97 | 5.41 |
| | | *For Non-Insulated Panels, Deduct* | *-5.31* | |

### 07 42 13 23 Metal Composite Material Wall Panels *(07 42 13)*

07 42 13 23-0001 24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 13 23)*
Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.

| | | | | |
|---|---|---|---|---|
| 07 42 13 23-0002 | SF | 2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels | 19.72 | 2.21 |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 07 42 13 23-0003 | SF | 2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels | 22.10 | 2.49 |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 07 42 13 23-0004 | SF | 3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels | 24.10 | 2.82 |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 07 42 13 23-0005 | SF | 4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels | 26.77 | 3.74 |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |

### 07 42 63 Fabricated Wall Panel Assemblies *(07 42)*

07 42 63 00-0001 Insulated Freezer And Chiller Panels *(07 42 63)*
Note: Excludes suspension system for ceiling support.

07 42 63 00-0002 Polyurethane Sandwich Panel *(07 42 63 00-0001)*
Note: With 22 gauge galvanized sheet metal face excludes painting.

| | | | | |
|---|---|---|---|---|
| 07 42 63 00-0003 | SF | 2" 22 Gauge Freezer Panel Sheet Metal Both Faces | 21.59 | 1.81 |
| 07 42 63 00-0004 | SF | 3" 22 Gauge Freezer Panel Sheet Metal Both Faces | 22.88 | 1.81 |
| 07 42 63 00-0005 | SF | 4" 22 Gauge Freezer Panel Sheet Metal Both Faces | 27.26 | 1.81 |
| 07 42 63 00-0006 | SF | 5" 22 Gauge Freezer Panel Sheet Metal Both Faces | 29.51 | 1.93 |
| 07 42 63 00-0007 | SF | 6" 22 Gauge Freezer Panel Sheet Metal Both Faces | 31.35 | 1.93 |
| 07 42 63 00-0008 | SF | 2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) | 19.35 | 1.50 |
| 07 42 63 00-0009 | SF | 3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) | 21.07 | 1.50 |
| 07 42 63 00-0010 | SF | 4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) | 25.43 | 1.60 |
| 07 42 63 00-0011 | SF | 5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) | 24.66 | 1.60 |
| 07 42 63 00-0012 | SF | 6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) | 29.04 | 1.60 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 42 63 00-0013 | | Polyurethane Sandwich Panel *(07 42 63 00-0001)* | | |
| | | Note: With .040 aluminum baked enamel finish. | | |
| 07 42 63 00-0014 | SF | 2" Freezer Panel 0.040" Aluminum Finish Both Faces | 10.69 | 1.81 |
| 07 42 63 00-0015 | SF | 3" Freezer Panel 0.040" Aluminum Finish Both Faces | 11.33 | 1.81 |
| 07 42 63 00-0016 | SF | 4" Freezer Panel 0.040" Aluminum Finish Both Faces | 13.04 | 1.81 |
| 07 42 63 00-0017 | SF | 5" Freezer Panel 0.040" Aluminum Finish Both Faces | 14.12 | 1.93 |
| 07 42 63 00-0018 | SF | 6" Freezer Panel 0.040" Aluminum Finish Both Faces | 14.89 | 1.93 |
| 07 42 63 00-0019 | SF | 2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) | 9.52 | 1.50 |
| 07 42 63 00-0020 | SF | 3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) | 10.17 | 1.50 |
| 07 42 63 00-0021 | SF | 4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) | 10.88 | 1.60 |
| 07 42 63 00-0022 | SF | 5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) | 12.59 | 1.60 |
| 07 42 63 00-0023 | SF | 6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) | 13.65 | 1.60 |

## 07 42 93 Soffit Panels *(07 42)*

| | | | | |
|---|---|---|---|---|
| 07 42 93 00-0001 | | Aluminum Soffit And Fascia *(07 42 93)* | | |
| | | Note: Excludes J-channel. | | |
| 07 42 93 00-0002 | LF | 6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit | 3.76 | 1.21 |
| | | *For 0.015" Thick, Deduct* | *-0.08* | |
| 07 42 93 00-0003 | LF | 10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit | 4.75 | 1.27 |
| | | *For 0.015" Thick, Deduct* | *-0.16* | |
| 07 42 93 00-0004 | LF | 1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit | 5.25 | 1.31 |
| | | *For 0.015" Thick, Deduct* | *-0.19* | |
| 07 42 93 00-0005 | LF | 1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit | 6.69 | 1.38 |
| | | *For 0.015" Thick, Deduct* | *-0.27* | |
| 07 42 93 00-0006 | LF | 2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit | 8.29 | 1.51 |
| | | *For 0.015" Thick, Deduct* | *-0.38* | |
| 07 42 93 00-0007 | LF | 3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit | 11.21 | 1.67 |
| | | *For 0.015" Thick, Deduct* | *-0.56* | |
| 07 42 93 00-0008 | LF | 4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit | 14.18 | 1.83 |
| | | *For 0.015" Thick, Deduct* | *-0.75* | |
| 07 42 93 00-0009 | LF | 5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit | 17.17 | 2.01 |
| | | *For 0.015" Thick, Deduct* | *-0.96* | |
| 07 42 93 00-0010 | LF | 4" Exposure, 0.024" Thick, Aluminum Fascia | 4.52 | 1.18 |
| 07 42 93 00-0011 | LF | 6" Exposure, 0.024" Thick, Aluminum Fascia | 5.00 | 1.21 |
| 07 42 93 00-0012 | LF | 8" Exposure, 0.024" Thick, Aluminum Fascia | 5.95 | 1.24 |
| 07 42 93 00-0013 | LF | 10" Exposure, 0.024" Thick, Aluminum Fascia | 6.98 | 1.27 |

# 07 46 Siding *(07 40)*

## 07 46 16 Aluminum Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

| | | | | |
|---|---|---|---|---|
| 07 46 16 00-0001 | | Aluminum Coil Stock Cladding *(07 46 16)* | | |
| | | Note: Per SF of board, includes overlappage. | | |
| 07 46 16 00-0002 | SF | 0.016" Thick, Aluminum Clad Siding | 9.86 | 3.44 |
| 07 46 16 00-0003 | SF | 0.019" Thick, Aluminum Clad Siding | 9.97 | 3.44 |
| 07 46 16 00-0004 | SF | 0.024" Thick, Aluminum Clad Siding | 10.14 | 3.44 |
| 07 46 16 00-0005 | | Aluminum Siding Panels *(07 46 16)* | | |
| 07 46 16 00-0006 | | Corrugated Aluminum Siding Panels *(07 46 16 00-0005)* | | |
| | | Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish. | | |
| 07 46 16 00-0007 | SF | 0.019", Painted Finish, Corrugated Aluminum Siding Panel | 6.63 | 1.91 |
| 07 46 16 00-0008 | SF | 0.021", Painted Finish, Corrugated Aluminum Siding Panel | 6.87 | 1.91 |
| 07 46 16 00-0009 | SF | 0.024", Painted Finish, Corrugated Aluminum Siding Panel | 7.62 | 1.91 |
| 07 46 16 00-0010 | SF | 0.032", Painted Finish, Corrugated Aluminum Siding Panel | 9.10 | 1.91 |
| 07 46 16 00-0011 | | V- Beam Aluminum Siding Panels *(07 46 16 00-0005)* | | |
| | | Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish. | | |
| 07 46 16 00-0012 | SF | 0.032", Painted Finish, V- Beam Aluminum Siding Panel | 9.04 | 1.91 |
| 07 46 16 00-0013 | SF | 0.040", Painted Finish, V- Beam Aluminum Siding Panel | 10.03 | 1.91 |
| 07 46 16 00-0014 | SF | 0.050", Painted Finish, V- Beam Aluminum Siding Panel | 12.38 | 1.91 |
| 07 46 16 00-0015 | | Box Ribbed Aluminum Siding Panels *(07 46 16 00-0005)* | | |
| | | Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish. | | |
| 07 46 16 00-0016 | SF | 0.032", Painted Finish, Box Ribbed Aluminum Siding Panel | 9.47 | 1.91 |
| 07 46 16 00-0017 | SF | 0.040", Painted Finish, Box Ribbed Aluminum Siding Panel | 10.43 | 1.91 |
| 07 46 16 00-0018 | SF | 0.050", Painted Finish, Box Ribbed Aluminum Siding Panel | 11.01 | 1.91 |
| 07 46 16 00-0019 | | Aluminum Siding Accessories *(07 46 16)* | | |
| 07 46 16 00-0020 | LF | 3/8" Pocket, Aluminum J-Channel | 2.87 | 1.13 |
| 07 46 16 00-0021 | LF | 1/2" Pocket, Aluminum J-Channel | 2.87 | 1.13 |
| 07 46 16 00-0022 | LF | 3/4" Pocket, Aluminum J-Channel | 3.47 | 1.13 |
| 07 46 16 00-0023 | LF | 3/8" Pocket, Aluminum F-Channel | 3.24 | 1.13 |
| 07 46 16 00-0024 | LF | 1/2" Pocket, Aluminum F-Channel | 3.24 | 1.13 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 07 46 19 Steel Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

### 07 46 19 00-0001 Steel Siding Panels *(07 46 19)*

### 07 46 19 00-0002 Corrugated Steel Siding Panels *(07 46 19 00-0001)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

| | | | | |
|---|---|---|---|---|
| 07 46 19 00-0003 | SF | 20 Gauge, Painted Finish, Corrugated Steel Siding Panel | 10.21 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *1.59* | |
| 07 46 19 00-0004 | SF | 22 Gauge, Painted Finish, Corrugated Steel Siding Panel | 9.39 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *1.39* | |
| 07 46 19 00-0005 | SF | 24 Gauge, Painted Finish, Corrugated Steel Siding Panel | 9.19 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *1.34* | |
| 07 46 19 00-0006 | SF | 26 Gauge, Painted Finish, Corrugated Steel Siding Panel | 6.78 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *0.74* | |
| 07 46 19 00-0007 | SF | 28 Gauge, Painted Finish, Corrugated Steel Siding Panel | 6.61 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *0.69* | |
| 07 46 19 00-0008 | SF | 30 Gauge, Painted Finish, Corrugated Steel Siding Panel | 6.49 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *0.66* | |

### 07 46 19 00-0009 Box Ribbed Steel Siding Panels *(07 46 19 00-0001)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

| | | | | |
|---|---|---|---|---|
| 07 46 19 00-0010 | SF | 20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel | 9.58 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *1.44* | |
| 07 46 19 00-0011 | SF | 22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel | 9.22 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *1.35* | |
| 07 46 19 00-0012 | SF | 24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel | 8.97 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *1.29* | |
| 07 46 19 00-0013 | SF | 26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel | 8.56 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *1.18* | |
| 07 46 19 00-0014 | SF | 28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel | 7.69 | 1.91 |
| | | *For Galvanized Instead Of Painted Steel, Add* | *0.97* | |

### 07 46 19 00-0015 Clapboard Steel Siding Panels *(07 46 19 00-0001)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

| | | | | |
|---|---|---|---|---|
| 07 46 19 00-0016 | SF | 29 Gauge, Painted Finish, Clapboard Steel Siding Panel | 9.00 | 0.96 |

## 07 46 23 Wood Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

### 07 46 23 00-0001 Wood Lap Siding *(07 46 23)*

| | | | | |
|---|---|---|---|---|
| 07 46 23 00-0002 | LF | 8" Wide Rough Sawn Cedar Lap Siding | 3.23 | 1.21 |
| 07 46 23 00-0003 | LF | 10" Wide Rough Sawn Cedar Lap Siding | 3.68 | 1.29 |
| 07 46 23 00-0004 | LF | 12" Wide Rough Sawn Cedar Lap Siding | 4.15 | 1.37 |
| 07 46 23 00-0005 | LF | 6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade | 3.48 | 1.21 |
| 07 46 23 00-0006 | LF | 6" To 8" Wide Spruce Lap Siding, #2 Or Better | 3.90 | 1.21 |
| 07 46 23 00-0007 | LF | 6" To 8" Wide Western Red Cedar, B Grade Lap Siding | 4.80 | 1.21 |
| 07 46 23 00-0008 | LF | 6" To 8" Wide Western Red Cedar, A Grade Lap Siding | 5.15 | 1.21 |
| 07 46 23 00-0009 | LF | 6" To 8" Wide Clear Heart Redwood Lap Siding | 4.65 | 1.21 |
| 07 46 23 00-0010 | LF | 1" x 8" Cedar Round Or Flat Front Siding, Log Cabin | 4.68 | 1.29 |
| 07 46 23 00-0011 | LF | 1" x 8" Cedar Beveled Siding, Channel, Rustic | 4.68 | 1.29 |

### 07 46 23 00-0012 Tongue And Groove Siding *(07 46 23)*

| | | | | |
|---|---|---|---|---|
| 07 46 23 00-0013 | SF | 1" x 6" Tongue And Groove Southern Yellow Pine Siding | 3.24 | 1.21 |
| 07 46 23 00-0014 | SF | 1" x 8" Tongue And Groove Southern Yellow Pine Siding | 3.61 | 1.21 |
| 07 46 23 00-0015 | SF | 1" x 6" 105 Southern Yellow Pine Siding | 3.33 | 1.21 |
| 07 46 23 00-0016 | SF | 1" x 8" 105 Southern Yellow Pine Siding | 3.84 | 1.21 |

## 07 46 29 Plywood Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

### 07 46 29 00-0001 T-111 Siding *(07 46 29)*

| | | | | |
|---|---|---|---|---|
| 07 46 29 00-0002 | SF | 5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud | 4.24 | 0.61 |
| | | *For Pressure Treated, Add* | *0.18* | |

## 07 46 33 Plastic Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

### 07 46 33 00-0001 Vinyl Siding *(07 46 33)*

Note: Includes standard manufacturer's colors.

### 07 46 33 00-0002 Vinyl Siding Panels *(07 46 33 00-0001)*

Note: Excludes J-channels, starter strips and trim.

### 07 46 33 00-0003 Horizontal Vinyl Siding Panels *(07 46 33 00-0002)*

Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.

| | | | | |
|---|---|---|---|---|
| 07 46 33 00-0004 | SF | 7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel | 4.10 | 1.48 |
| | | *For 0.040" Thick, Deduct* | *-0.15* | |
| | | *For 0.042" Thick, Deduct* | *0.33* | |
| | | *For 0.046" Thick, Add* | *0.78* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 46 33 00-0005 | SF | 8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel | 3.93 | 1.40 |
| | | *For 0.040" Thick, Deduct* | *-0.15* | |
| | | *For 0.042" Thick, Deduct* | *0.33* | |
| | | *For 0.046" Thick, Add* | *0.78* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.06* | |
| 07 46 33 00-0006 | SF | 9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel | 3.79 | 1.33 |
| | | *For 0.040" Thick, Deduct* | *-0.15* | |
| | | *For 0.042" Thick, Deduct* | *0.33* | |
| | | *For 0.046" Thick, Add* | *0.78* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.06* | |
| 07 46 33 00-0007 | SF | 10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel | 3.66 | 1.26 |
| | | *For 0.040" Thick, Deduct* | *-0.15* | |
| | | *For 0.042" Thick, Deduct* | *0.33* | |
| | | *For 0.046" Thick, Add* | *0.78* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.06* | |
| 07 46 33 00-0008 | SF | 12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel | 3.48 | 1.18 |
| | | *For 0.040" Thick, Deduct* | *-0.15* | |
| | | *For 0.042" Thick, Deduct* | *0.33* | |
| | | *For 0.046" Thick, Add* | *0.78* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.06* | |
| **07 46 33 00-0009** | | **Vertical Vinyl Siding Panels** *(07 46 33 00-0002)* | | |
| 07 46 33 00-0010 | SF | 7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel | 4.97 | 1.48 |
| | | *For Manufacturer's Custom Colors, Add* | *0.10* | |
| **07 46 33 00-0011** | | **Vinyl Siding Accessories** *(07 46 33 00-0001)* | | |
| 07 46 33 00-0012 | LF | 3/4" Pocket, Outside Corner Post For Vinyl Siding | 5.13 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.14* | |
| 07 46 33 00-0013 | LF | 1-1/8" Pocket, Outside Corner Post For Vinyl Siding | 9.51 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.36* | |
| 07 46 33 00-0014 | LF | 3/4" Pocket, Inside Corner Post For Vinyl Siding | 4.03 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.09* | |
| 07 46 33 00-0015 | LF | 1-1/8" Pocket, Inside Corner Post For Vinyl Siding | 4.95 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.13* | |
| 07 46 33 00-0016 | LF | 3/8" Pocket, J-Channel For Vinyl Siding | 2.98 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.04* | |
| 07 46 33 00-0017 | LF | 1/2" Pocket, J-Channel For Vinyl Siding | 2.77 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.03* | |
| 07 46 33 00-0018 | LF | 5/8" Pocket, J-Channel For Vinyl Siding | 2.72 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.03* | |
| 07 46 33 00-0019 | LF | 3/4" Pocket, J-Channel For Vinyl Siding | 2.86 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.04* | |
| 07 46 33 00-0020 | LF | 1" Pocket, J-Channel For Vinyl Siding | 3.39 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.06* | |
| 07 46 33 00-0021 | LF | 1-1/4" Pocket, J-Channel For Vinyl Siding | 3.71 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.07* | |
| 07 46 33 00-0022 | LF | 2-1/2" Pocket, J-Channel For Vinyl Siding | 4.14 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.07* | |
| 07 46 33 00-0023 | LF | 1/2" Pocket, F-Channel For Vinyl Siding | 2.84 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.05* | |
| 07 46 33 00-0024 | LF | 3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding | 6.53 | 1.57 |
| | | *For Manufacturer's Custom Colors, Add* | *0.17* | |
| 07 46 33 00-0025 | LF | 3/4" Pocket, 5" Lineal Trim For Vinyl Siding | 6.83 | 1.57 |
| | | *For Manufacturer's Custom Colors, Add* | *0.18* | |
| 07 46 33 00-0026 | LF | 1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding | 7.51 | 1.57 |
| | | *For Manufacturer's Custom Colors, Add* | *0.22* | |
| 07 46 33 00-0027 | LF | 3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding | 3.85 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.08* | |
| 07 46 33 00-0028 | LF | Vinyl Starter Strip For Vinyl Siding | 4.82 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.13* | |
| 07 46 33 00-0029 | LF | Undersill Trim For Vinyl Siding | 4.12 | 1.13 |
| | | *For Manufacturer's Custom Colors, Add* | *0.09* | |
| **07 46 33 00-0030** | | **Vinyl Soffit And Fascia** *(07 46 33 00-0001)* | | |
| | | Note: Excludes J-channel. | | |
| 07 46 33 00-0031 | LF | 6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit | 3.47 | 1.21 |
| | | *For 0.038" Thick, Deduct* | *-0.47* | |
| | | *For 0.040" Thick, Deduct* | *-0.38* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.05* | |
| 07 46 33 00-0032 | LF | 10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit | 4.28 | 1.27 |
| | | *For 0.038" Thick, Deduct* | *-0.79* | |
| | | *For 0.040" Thick, Deduct* | *-0.66* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.09* | |
| 07 46 33 00-0033 | LF | 1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit | 4.69 | 1.31 |
| | | *For 0.038" Thick, Deduct* | *-0.93* | |
| | | *For 0.040" Thick, Deduct* | *-0.78* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.10* | |
| 07 46 33 00-0034 | LF | 1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit | 5.84 | 1.38 |
| | | *For 0.038" Thick, Deduct* | *-1.42* | |
| | | *For 0.040" Thick, Deduct* | *-1.19* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.16* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 46 33 00-0035 | LF | 2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit | 7.16 | 1.51 |
| | | *For 0.038" Thick, Deduct* | *-1.88* | |
| | | *For 0.040" Thick, Deduct* | *-1.59* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.21* | |
| 07 46 33 00-0036 | LF | 3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit | 9.52 | 1.67 |
| | | *For 0.038" Thick, Deduct* | *-2.83* | |
| | | *For 0.040" Thick, Deduct* | *-2.37* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.31* | |
| 07 46 33 00-0037 | LF | 4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit | 11.92 | 1.83 |
| | | *For 0.038" Thick, Deduct* | *-3.78* | |
| | | *For 0.040" Thick, Deduct* | *-3.18* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.41* | |
| 07 46 33 00-0038 | LF | 5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit | 14.35 | 2.01 |
| | | *For 0.038" Thick, Deduct* | *-4.73* | |
| | | *For 0.040" Thick, Deduct* | *-3.98* | |
| | | *For Manufacturer's Custom Colors, Add* | *0.52* | |
| 07 46 33 00-0039 | LF | 4" Exposure, Vinyl Fascia | 3.61 | 1.18 |
| | | *For Manufacturer's Custom Colors, Add* | *0.06* | |
| 07 46 33 00-0040 | LF | 6" Exposure, Vinyl Fascia | 4.04 | 1.21 |
| | | *For Manufacturer's Custom Colors, Add* | *0.08* | |
| 07 46 33 00-0041 | LF | 8" Exposure, Vinyl Fascia | 3.99 | 1.24 |
| | | *For Manufacturer's Custom Colors, Add* | *0.07* | |
| 07 46 33 00-0042 | LF | 10" Exposure, Vinyl Fascia | 4.58 | 1.27 |
| | | *For Manufacturer's Custom Colors, Add* | *0.10* | |
| 07 46 33 00-0043 | | Fiberglass Siding *(07 46 33)* | | |
| 07 46 33 00-0044 | | Corrugated Panels *(07 46 33 00-0043)* | | |
| 07 46 33 00-0045 | SF | 6 Ounce Corrugated Fiberglass Panels | 5.44 | 1.75 |
| 07 46 33 00-0046 | SF | 8 Ounce Corrugated Fiberglass Panels | 5.80 | 1.57 |
| 07 46 33 00-0047 | SF | 12 Ounce Corrugated Fiberglass Panels | 6.46 | 1.57 |
| 07 46 33 00-0048 | | Flat Panels *(07 46 33 00-0043)* | | |
| 07 46 33 00-0049 | SF | 6 Ounce Flat Fiberglass Panels | 5.21 | 1.57 |
| 07 46 33 00-0050 | SF | 8 Ounce Flat Fiberglass Panels | 5.80 | 1.57 |
| **07 46 46** | | **Fiber-Cement Siding** *(07 46)* | | |
| | | Note: Smooth or patterns. Includes sealer and primer. | | |
| 07 46 46 00-0001 | | 5/16" Thick, Fiber Cement Lap Siding *(07 46 46)* | | |
| 07 46 46 00-0002 | SF | 5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding | 5.91 | 1.83 |
| 07 46 46 00-0003 | SF | 6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding | 5.61 | 1.75 |
| 07 46 46 00-0004 | SF | 7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding | 5.49 | 1.71 |
| 07 46 46 00-0005 | SF | 8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding | 5.37 | 1.65 |
| 07 46 46 00-0006 | SF | 9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding | 5.16 | 1.57 |
| 07 46 46 00-0007 | SF | 12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding | 4.92 | 1.48 |
| 07 46 46 00-0008 | LF | Starter Strip, Fiber Cement Lap Siding | 1.29 | 0.43 |
| 07 46 46 00-0009 | | Fiber Cement Shingle Siding *(07 46 46)* | | |
| 07 46 46 00-0010 | SF | Fiber Cement Shingle Siding | 10.07 | 1.61 |
| 07 46 46 00-0011 | | Fiber Cement Vertical Panel Siding *(07 46 46)* | | |
| 07 46 46 00-0012 | SF | Fiber Cement Vertical Panel Siding | 4.38 | 1.31 |
| 07 46 46 00-0013 | | Fiber Cement Trim Boards *(07 46 46)* | | |
| 07 46 46 00-0014 | | 7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)* | | |
| 07 46 46 00-0015 | LF | 4" Wide, 7/16" Thick, Fiber Cement Trim Board | 2.84 | 0.87 |
| 07 46 46 00-0016 | LF | 6" Wide, 7/16" Thick, Fiber Cement Trim Board | 3.73 | 0.96 |
| 07 46 46 00-0017 | LF | 8" Wide, 7/16" Thick, Fiber Cement Trim Board | 4.59 | 1.05 |
| 07 46 46 00-0018 | LF | 12" Wide, 7/16" Thick, Fiber Cement Trim Board | 6.16 | 1.22 |
| 07 46 46 00-0019 | | 3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)* | | |
| 07 46 46 00-0020 | LF | 4" Wide, 3/4" Thick, Fiber Cement Trim Board | 3.02 | 0.87 |
| 07 46 46 00-0021 | LF | 6" Wide, 3/4" Thick, Fiber Cement Trim Board | 4.00 | 0.96 |
| 07 46 46 00-0022 | LF | 8" Wide, 3/4" Thick, Fiber Cement Trim Board | 5.04 | 1.05 |
| 07 46 46 00-0023 | LF | 12" Wide, 3/4" Thick, Fiber Cement Trim Board | 5.17 | 1.22 |
| 07 46 46 00-0024 | | 1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)* | | |
| 07 46 46 00-0025 | LF | 4" Wide, 1" Thick, Fiber Cement Trim Board | 3.24 | 0.87 |
| 07 46 46 00-0026 | LF | 6" Wide, 1" Thick, Fiber Cement Trim Board | 4.41 | 0.96 |
| 07 46 46 00-0027 | LF | 8" Wide, 1" Thick, Fiber Cement Trim Board | 5.63 | 1.05 |
| 07 46 46 00-0028 | LF | 12" Wide, 1" Thick, Fiber Cement Trim Board | 7.66 | 1.22 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 46 46 00-0029 | | Fiber Cement Fascia Board *(07 46 46)* | | |
| 07 46 46 00-0030 | LF | 5/4" x 3-1/2" Fiber Cement Fascia Board | 6.52 | 1.71 |
| 07 46 46 00-0031 | LF | 5/4" x 5-1/2" Fiber Cement Fascia Board | 8.74 | 1.91 |
| 07 46 46 00-0032 | LF | 5/4" x 7-1/4" Fiber Cement Fascia Board | 10.28 | 1.91 |
| 07 46 46 00-0033 | LF | 5/4" x 11-1/4" Fiber Cement Fascia Board | 14.33 | 2.24 |
| 07 46 46 00-0034 | | Fiber Cement Soffit Boards *(07 46 46)* | | |
| 07 46 46 00-0035 | SF | 1/4" Thick, Non Vented Fiber Cement Soffit | 6.00 | 1.24 |
| 07 46 46 00-0036 | SF | 1/4" Thick, Vented Fiber Cement Soffit | 6.45 | 1.24 |
| **07 46 63** | | **Fabricated Panel Assemblies with Siding** ***(07 46)*** | | |
| 07 46 63 00-0001 | | Metal Liner Panels *(07 46 63)* | | |
| 07 46 63 00-0002 | | Galvanized *(07 46 63 00-0001)* | | |
| 07 46 63 00-0003 | SF | 24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel | 9.88 | 1.67 |
| 07 46 63 00-0004 | SF | 22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel | 10.94 | 1.67 |
| 07 46 63 00-0005 | SF | 20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel | 12.80 | 1.67 |
| 07 46 63 00-0006 | SF | 18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel | 13.00 | 1.67 |

## 07 50 Membrane Roofing *(07)*

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

### 07 51 Built-Up Bituminous Roofing *(07 50)*

**07 51 13 Built-Up Asphalt Roofing** ***(07 51)***

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*
Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

| | | | |
|---|---|---|---|
| 07 51 13 00-0005 | SQ | Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied | 92.64 |
| | | *For Up To 10, Add* | *23.43* |
| | | *For >10 To 20, Add* | *12.94* |
| | | *For >20 To 40, Add* | *7.09* |
| | | *For >75 To 100, Deduct* | *-3.54* |
| | | *For >100 To 200, Deduct* | *-7.70* |
| | | *For >200, Deduct* | *-11.24* |
| 07 51 13 00-0006 | SQ | Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied | 270.15 |
| | | *For Up To 10, Add* | *58.94* |
| | | *For >10 To 20, Add* | *30.69* |
| | | *For >20 To 40, Add* | *15.96* |
| | | *For >75 To 100, Deduct* | *-7.98* |
| | | *For >100 To 200, Deduct* | *-16.57* |
| | | *For >200, Deduct* | *-24.55* |

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

| | | | |
|---|---|---|---|
| 07 51 13 00-0008 | SF | Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied | 6.18 |

07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*
Note: Includes mopping hot asphalt and embedding the membrane.

07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*

| | | | |
|---|---|---|---|
| 07 51 13 00-0011 | SQ | Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped | 66.24 |
| | | *For Up To 10, Add* | *18.28* |
| | | *For >10 To 20, Add* | *10.40* |
| | | *For >20 To 40, Add* | *5.83* |
| | | *For >75 To 100, Deduct* | *-2.91* |
| | | *For >100 To 200, Deduct* | *-6.46* |
| | | *For >200, Deduct* | *-9.37* |
| 07 51 13 00-0012 | SQ | Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped | 71.30 |
| | | *For Up To 10, Add* | *19.29* |
| | | *For >10 To 20, Add* | *10.90* |
| | | *For >20 To 40, Add* | *6.08* |
| | | *For >75 To 100, Deduct* | *-3.04* |
| | | *For >100 To 200, Deduct* | *-6.71* |
| | | *For >200, Deduct* | *-9.75* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 51 13 00-0013 | SQ | Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped | 77.05 | |
| | | *For Up To 10, Add* | *20.44* | |
| | | *For >10 To 20, Add* | *11.48* | |
| | | *For >20 To 40, Add* | *6.37* | |
| | | *For >75 To 100, Deduct* | *-3.18* | |
| | | *For >100 To 200, Deduct* | *-7.00* | |
| | | *For >200, Deduct* | *-10.18* | |
| 07 51 13 00-0014 | SQ | Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped | 140.83 | |
| | | *For Up To 10, Add* | *33.20* | |
| | | *For >10 To 20, Add* | *17.86* | |
| | | *For >20 To 40, Add* | *9.56* | |
| | | *For >75 To 100, Deduct* | *-4.78* | |
| | | *For >100 To 200, Deduct* | *-10.19* | |
| | | *For >200, Deduct* | *-14.97* | |
| 07 51 13 00-0015 | SQ | Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped | 243.75 | |
| | | *For Up To 10, Add* | *53.78* | |
| | | *For >10 To 20, Add* | *28.15* | |
| | | *For >20 To 40, Add* | *14.70* | |
| | | *For >75 To 100, Deduct* | *-7.35* | |
| | | *For >100 To 200, Deduct* | *-15.33* | |
| | | *For >200, Deduct* | *-22.68* | |
| 07 51 13 00-0016 | SQ | Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped | 182.15 | |
| | | *For Up To 10, Add* | *41.94* | |
| | | *For >10 To 20, Add* | *22.35* | |
| | | *For >20 To 40, Add* | *11.86* | |
| | | *For >75 To 100, Deduct* | *-5.93* | |
| | | *For >100 To 200, Deduct* | *-12.55* | |
| | | *For >200, Deduct* | *-18.48* | |

### 07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*

| | | | | |
|---|---|---|---|---|
| 07 51 13 00-0018 | SF | Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped | 3.77 | |

### 07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes fasteners.

### 07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*

| | | | | |
|---|---|---|---|---|
| 07 51 13 00-0021 | SQ | Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened | 73.93 | |
| | | *For Up To 10, Add* | *17.24* | |
| | | *For >10 To 20, Add* | *9.23* | |
| | | *For >20 To 40, Add* | *4.92* | |
| | | *For >75 To 100, Deduct* | *-2.46* | |
| | | *For >100 To 200, Deduct* | *-5.23* | |
| | | *For >200, Deduct* | *-7.69* | |
| 07 51 13 00-0022 | SQ | Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened | 143.47 | |
| | | *For Up To 10, Add* | *31.15* | |
| | | *For >10 To 20, Add* | *16.19* | |
| | | *For >20 To 40, Add* | *8.40* | |
| | | *For >75 To 100, Deduct* | *-4.20* | |
| | | *For >100 To 200, Deduct* | *-8.71* | |
| | | *For >200, Deduct* | *-12.91* | |
| 07 51 13 00-0023 | SQ | Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened | 246.39 | |
| | | *For Up To 10, Add* | *51.73* | |
| | | *For >10 To 20, Add* | *26.48* | |
| | | *For >20 To 40, Add* | *13.55* | |
| | | *For >75 To 100, Deduct* | *-6.77* | |
| | | *For >100 To 200, Deduct* | *-13.85* | |
| | | *For >200, Deduct* | *-20.62* | |

### 07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*

| | | | | |
|---|---|---|---|---|
| 07 51 13 00-0025 | SF | Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened | 4.66 | |

### 07 51 13 00-0026 Asphalt Saturated Organic Felt *(07 51 13 00-0001)*

### 07 51 13 00-0027 Cold Adhesive Applied, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes applying cold adhesive and embedding the felt.

| | | | | |
|---|---|---|---|---|
| 07 51 13 00-0028 | SQ | 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied | 89.47 | |
| | | *For Up To 10, Add* | *22.80* | |
| | | *For >10 To 20, Add* | *12.63* | |
| | | *For >20 To 40, Add* | *6.93* | |
| | | *For >75 To 100, Deduct* | *-3.46* | |
| | | *For >100 To 200, Deduct* | *-7.54* | |
| | | *For >200, Deduct* | *-11.00* | |
| 07 51 13 00-0029 | SQ | 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied | 102.52 | |
| | | *For Up To 10, Add* | *25.41* | |
| | | *For >10 To 20, Add* | *13.93* | |
| | | *For >20 To 40, Add* | *7.58* | |
| | | *For >75 To 100, Deduct* | *-3.79* | |
| | | *For >100 To 200, Deduct* | *-8.19* | |
| | | *For >200, Deduct* | *-11.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 51 13 00-0030** | | **Hot-Mopped, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* | | |
| | | Note: Includes mopping hot asphalt and embedding the felt. | | |
| 07 51 13 00-0031 | SQ | 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped | 63.07 | |
| | | *For Up To 10, Add* | *17.65* | |
| | | *For >10 To 20, Add* | *10.08* | |
| | | *For >20 To 40, Add* | *5.67* | |
| | | *For >75 To 100, Deduct* | *-2.83* | |
| | | *For >100 To 200, Deduct* | *-6.30* | |
| | | *For >200, Deduct* | *-9.13* | |
| 07 51 13 00-0032 | SQ | 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped | 76.12 | |
| | | *For Up To 10, Add* | *20.26* | |
| | | *For >10 To 20, Add* | *11.39* | |
| | | *For >20 To 40, Add* | *6.32* | |
| | | *For >75 To 100, Deduct* | *-3.16* | |
| | | *For >100 To 200, Deduct* | *-6.95* | |
| | | *For >200, Deduct* | *-10.11* | |
| **07 51 13 00-0033** | | **Mechanically Fastened, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* | | |
| | | Note: Includes fasteners. | | |
| 07 51 13 00-0034 | SQ | 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened | 31.69 | |
| | | *For Up To 10, Add* | *8.79* | |
| | | *For >10 To 20, Add* | *5.01* | |
| | | *For >20 To 40, Add* | *2.81* | |
| | | *For >75 To 100, Deduct* | *-1.41* | |
| | | *For >100 To 200, Deduct* | *-3.12* | |
| | | *For >200, Deduct* | *-4.52* | |
| 07 51 13 00-0035 | SQ | 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened | 44.74 | |
| | | *For Up To 10, Add* | *11.40* | |
| | | *For >10 To 20, Add* | *6.31* | |
| | | *For >20 To 40, Add* | *3.46* | |
| | | *For >75 To 100, Deduct* | *-1.73* | |
| | | *For >100 To 200, Deduct* | *-3.77* | |
| | | *For >200, Deduct* | *-5.50* | |
| **07 51 13 00-0036** | | **Surfacing** *(07 51 13 00-0001)* | | |
| 07 51 13 00-0037 | SQ | 400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat | 137.45 | |
| | | *For Up To 10, Add* | *39.76* | |
| | | *For >10 To 20, Add* | *22.95* | |
| | | *For >20 To 40, Add* | *13.01* | |
| | | *For >75 To 100, Deduct* | *-6.50* | |
| | | *For >100 To 200, Deduct* | *-14.54* | |
| | | *For >200, Deduct* | *-21.05* | |
| 07 51 13 00-0038 | SQ | 400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat | 214.26 | |
| | | *For Up To 10, Add* | *55.12* | |
| | | *For >10 To 20, Add* | *30.63* | |
| | | *For >20 To 40, Add* | *16.85* | |
| | | *For >75 To 100, Deduct* | *-8.42* | |
| | | *For >100 To 200, Deduct* | *-18.38* | |
| | | *For >200, Deduct* | *-26.81* | |
| 07 51 13 00-0039 | CY | Gravel Roofing Ballast, Spread To Desired Thickness | 141.90 | |
| | | Note: Excludes hot asphalt or cold adhesive. | | |
| 07 51 13 00-0040 | SQ | Protective Polypropylene Fabric Mat, Loose Laid | 43.42 | |
| | | Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems. | | |
| | | *For Up To 10, Add* | *10.30* | |
| | | *For >10 To 20, Add* | *5.56* | |
| | | *For >20 To 40, Add* | *2.98* | |
| | | *For >75 To 100, Deduct* | *-1.49* | |
| | | *For >100 To 200, Deduct* | *-3.18* | |
| | | *For >200, Deduct* | *-4.67* | |
| 07 51 13 00-0041 | SQ | Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat | 109.16 | |
| | | Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs. | | |
| | | *For Up To 10, Add* | *24.78* | |
| | | *For >10 To 20, Add* | *13.12* | |
| | | *For >20 To 40, Add* | *6.93* | |
| | | *For >75 To 100, Deduct* | *-3.47* | |
| | | *For >100 To 200, Deduct* | *-7.30* | |
| | | *For >200, Deduct* | *-10.76* | |
| 07 51 13 00-0042 | SQ | Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat | 96.46 | |
| | | Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs. | | |
| | | *For Up To 10, Add* | *22.24* | |
| | | *For >10 To 20, Add* | *11.85* | |
| | | *For >20 To 40, Add* | *6.30* | |
| | | *For >75 To 100, Deduct* | *-3.15* | |
| | | *For >100 To 200, Deduct* | *-6.66* | |
| | | *For >200, Deduct* | *-9.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 51 13 00-0043 | SQ | Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat<br>Note: Reflective coating for use over smooth-surfaced built-up roofs. | 131.12 | |
| | | *For Up To 10, Add* | *29.17* | |
| | | *For >10 To 20, Add* | *15.32* | |
| | | *For >20 To 40, Add* | *8.03* | |
| | | *For >75 To 100, Deduct* | *-4.01* | |
| | | *For >100 To 200, Deduct* | *-8.40* | |
| | | *For >200, Deduct* | *-12.41* | |
| 07 51 13 00-0044 | SQ | 100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat<br>Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems. | 132.25 | |
| | | *For Up To 10, Add* | *29.39* | |
| | | *For >10 To 20, Add* | *15.43* | |
| | | *For >20 To 40, Add* | *8.08* | |
| | | *For >75 To 100, Deduct* | *-4.04* | |
| | | *For >100 To 200, Deduct* | *-8.45* | |
| | | *For >200, Deduct* | *-12.49* | |
| | | *For Installation Over Granule Surfaced Asphalt Roof Systems, Add* | *40.26* | |
| 07 51 13 00-0045 | SQ | 100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat<br>Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems. | 136.92 | |
| | | *For Up To 10, Add* | *30.33* | |
| | | *For >10 To 20, Add* | *15.90* | |
| | | *For >20 To 40, Add* | *8.32* | |
| | | *For >75 To 100, Deduct* | *-4.16* | |
| | | *For >100 To 200, Deduct* | *-8.69* | |
| | | *For >200, Deduct* | *-12.85* | |
| | | *For Installation Over Granule Surfaced Asphalt Roof Systems, Add* | *41.80* | |
| 07 51 13 00-0046 | SF | Ceramic Coated Roofing Granules, Hand Broadcast<br>Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc. | 2.01 | |
| 07 51 13 00-0047 | SF | Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast<br>Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc. | 3.74 | |
| 07 51 13 00-0048 | SQ | Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™) | 30.82 | |
| 07 51 13 00-0049 | | **Walkway Pads** *(07 51 13 00-0001)*<br>Note: Set in hot asphalt or cold adhesive. | | |
| 07 51 13 00-0050 | LF | 5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad | 27.51 | |
| 07 51 13 00-0051 | LF | 1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad | 32.98 | |
| 07 51 13 00-0052 | | **Cant And Tapered Edge Strips** *(07 51 13 00-0001)* | | |
| 07 51 13 00-0053 | LF | 2" x 2" Perlite Cant Strip | 3.11 | |
| 07 51 13 00-0054 | LF | 3" x 3" Perlite Cant Strip | 3.24 | |
| 07 51 13 00-0055 | LF | 4" x 4" Perlite Cant Strip | 3.84 | |
| 07 51 13 00-0056 | LF | 3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally | 3.75 | |
| 07 51 13 00-0057 | LF | 4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally | 4.03 | |
| 07 51 13 00-0058 | LF | 1/2" x 6" Perlite Tapered Edge Strip | 3.47 | |
| 07 51 13 00-0059 | LF | 1/2" x 12" Perlite Tapered Edge Strip | 4.16 | |
| 07 51 13 00-0060 | LF | 1" x 12" Perlite Tapered Edge Strip | 4.34 | |
| 07 51 13 00-0061 | LF | 1" x 24" Perlite Tapered Edge Strip | 5.05 | |
| 07 51 13 00-0062 | LF | 1-1/2" x 12" Perlite Tapered Edge Strip | 4.99 | |
| 07 51 13 00-0063 | LF | 1-1/2" x 18" Perlite Tapered Edge Strip | 6.28 | |
| 07 51 13 00-0064 | LF | 1-1/2" x 24" Perlite Tapered Edge Strip | 7.21 | |
| 07 51 13 00-0065 | | **Asphalt Primer** *(07 51 13 00-0001)* | | |
| 07 51 13 00-0066 | SQ | Asphalt Primer For Roofing Systems<br>Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces. | 28.24 | |
| 07 51 13 00-0067 | | **Demolish Built-Up Roofing** *(07 51 13 00-0001)*<br>Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling. | | |
| 07 51 13 00-0068 | SQ | Demolish Gravel/Slag Surfaced, Built Up Roofing System | 257.67 | |
| | | *For Up To 10, Add* | *63.67* | |
| | | *For >10 To 25, Add* | *38.20* | |
| 07 51 13 00-0069 | SQ | Demolish Cap Sheet Surfaced, Built Up Roofing System<br>Note: Includes protective surfacing. | 198.77 | |
| | | *For Up To 10, Add* | *49.12* | |
| | | *For >10 To 25, Add* | *29.47* | |
| 07 51 13 00-0070 | | **Roofing System Warranty** *(07 51 13 00-0001)*<br>Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor. | | |
| 07 51 13 00-0071 | EA | Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty | 553.28 | |
| 07 51 13 00-0072 | SQ | >50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty | 7.90 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 51 13 00-0073 | EA | Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty | 632.32 | |
| 07 51 13 00-0074 | SQ | >50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty | 12.65 | |
| 07 51 13 00-0075 | EA | Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty | 869.44 | |
| 07 51 13 00-0076 | SQ | >50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty | 17.39 | |
| 07 51 13 00-0077 | | **Built-Up Roofing Components (Garland)** *(07 51 13)* | | |
| | | Note: All tasks presented as a single layer. Adhesives are priced separately. | | |
| 07 51 13 00-0078 | | **Modified Cap Membranes** *(07 51 13 00-0077)* | | |
| 07 51 13 00-0079 | | **Modified Cap Membranes, Hot/Cold Applied** *(07 51 13 00-0078)* | | |
| | | Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty. | | |
| 07 51 13 00-0080 | SQ | Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil | 629.39 | |
| 07 51 13 00-0081 | SQ | Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil | 449.32 | |
| 07 51 13 00-0082 | SQ | Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil | 557.11 | |
| 07 51 13 00-0083 | SQ | Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials | 579.05 | |
| 07 51 13 00-0084 | SQ | Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil | 807.51 | |
| 07 51 13 00-0085 | SQ | Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil | 908.19 | |
| 07 51 13 00-0086 | SQ | Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil<br>Note: Low strength cap sheet for hot or cold modified systems used with gravel. | 380.91 | |
| 07 51 13 00-0087 | SQ | Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil | 479.66 | |
| 07 51 13 00-0088 | SQ | BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil | 292.04 | |
| 07 51 13 00-0089 | | **Modified Cap Membranes, Self-Adhering** *(07 51 13 00-0078)* | | |
| | | Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty. | | |
| 07 51 13 00-0090 | SQ | Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil<br>Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet. | 569.37 | |
| 07 51 13 00-0091 | | **Modified Cap Membranes, Torch-Applied** *(07 51 13 00-0078)* | | |
| | | Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty. | | |
| 07 51 13 00-0092 | SQ | Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil<br>Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel. | 701.68 | |
| 07 51 13 00-0093 | SQ | Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil | 763.64 | |
| 07 51 13 00-0094 | SQ | Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil | 804.94 | |
| 07 51 13 00-0095 | | **Modified Cap Membranes, Coal Tar Pitch Systems** *(07 51 13 00-0078)* | | |
| | | Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty. | | |
| 07 51 13 00-0096 | SQ | Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil | 648.94 | |
| 07 51 13 00-0097 | SQ | Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil | 1,024.36 | |
| 07 51 13 00-0098 | SQ | Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil | 833.34 | |
| 07 51 13 00-0099 | | **Base Ply** *(07 51 13 00-0077)* | | |
| | | Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems. | | |
| 07 51 13 00-0100 | SQ | Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil | 575.17 | |
| 07 51 13 00-0101 | SQ | Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil | 360.26 | |
| 07 51 13 00-0102 | SQ | HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil<br>Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap. | 81.47 | |
| 07 51 13 00-0103 | SQ | HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil<br>Note: Inner ply felts for hot applied built up and modified BUR systems. | 53.33 | |
| 07 51 13 00-0104 | SQ | HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil | 65.32 | |
| 07 51 13 00-0105 | SQ | HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil | 71.13 | |
| 07 51 13 00-0106 | SQ | HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil<br>Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet. | 112.63 | |
| 07 51 13 00-0107 | SQ | Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil | 367.56 | |
| 07 51 13 00-0108 | SQ | HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil<br>Note: Self adhering base ply for self adhering 2 ply system. | 314.45 | |
| 07 51 13 00-0109 | SQ | StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil | 320.89 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 51 13 00-0110 | SQ | StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil | 266.04 | |
| 07 51 13 00-0111 | LF | Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric | 3.78 | |
| 07 51 13 00-0112 | LF | Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems | 11.52 | |
| 07 51 13 00-0113 | SQ | Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems | 62.42 | |
| 07 51 13 00-0114 | LF | Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems | 4.98 | |
| 07 51 13 00-0115 | LF | Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems | 3.52 | |
| 07 51 13 00-0116 | LF | Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems | 4.28 | |
| 07 51 13 00-0117 | SQ | HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications | 138.52 | |

### 07 51 13 00-0118 Coatings And Mastics For Roof Installation, Restoration And Repairs *(07 51 13 00-0077)*

| | | | | |
|---|---|---|---|---|
| 07 51 13 00-0119 | SQ | Water Based Roof Primer, GarlaPrime VOC Primer | 37.29 | |
| 07 51 13 00-0120 | SQ | Black-Knight® Primer | 34.25 | |
| 07 51 13 00-0121 | SQ | Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply | 151.19 | |
| 07 51 13 00-0122 | SQ | Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ ) | 158.00 | |
| 07 51 13 00-0123 | SQ | Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ ) | 251.90 | |
| 07 51 13 00-0124 | SQ | Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply | 413.70 | |
| 07 51 13 00-0125 | SQ | Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat | 422.78 | |
| 07 51 13 00-0126 | SQ | Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ) | 196.03 | |
| 07 51 13 00-0127 | SQ | Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration | 324.71 | |
| 07 51 13 00-0128 | SQ | Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ) | 508.81 | |
| 07 51 13 00-0129 | SQ | Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration | 846.18 | |
| 07 51 13 00-0130 | SQ | Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply | 352.34 | |
| 07 51 13 00-0131 | SQ | Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat | 361.42 | |
| 07 51 13 00-0132 | SQ | Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only | 779.59 | |
| 07 51 13 00-0133 | SQ | Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only | 334.29 | |
| 07 51 13 00-0134 | SQ | HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply | 160.50 | |
| 07 51 13 00-0135 | SQ | HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat | 169.58 | |
| 07 51 13 00-0136 | SQ | Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel | 146.16 | |
| 07 51 13 00-0137 | SQ | Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers | 135.91 | |
| 07 51 13 00-0138 | SQ | Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products<br>Note: Adheres all insulation layers for cold systems. | 14.96 | |
| 07 51 13 00-0139 | SQ | Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required | 172.00 | |
| 07 51 13 00-0140 | SQ | Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System | 166.63 | |
| 07 51 13 00-0141 | LF | Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh | 19.09 | |
| 07 51 13 00-0142 | SQ | Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat | 223.65 | |
| 07 51 13 00-0143 | SQ | Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric | 1,249.79 | |
| 07 51 13 00-0144 | SQ | Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ) | 280.74 | |
| 07 51 13 00-0145 | SQ | Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel | 344.50 | |
| 07 51 13 00-0146 | SQ | Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply | 125.83 | |
| 07 51 13 00-0147 | SQ | Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System | 383.50 | |
| 07 51 13 00-0148 | SQ | Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply<br>Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel. | 124.84 | |

## 07 52 Modified Bituminous Membrane Roofing *(07 50)*

### 07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

### 07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

#### 07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

#### 07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 13 11-0003 | SQ | 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied | 177.73 | |
| | | *For Up To 10, Add* | *40.45* | |
| | | *For >10 To 20, Add* | *21.45* | |
| | | *For >20 To 40, Add* | *11.34* | |
| | | *For >75 To 100, Deduct* | *-5.67* | |
| | | *For >100 To 200, Deduct* | *-11.95* | |
| | | *For >200, Deduct* | *-17.62* | |
| 07 52 13 11-0004 | SQ | 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied | 218.26 | |
| | | *For Up To 10, Add* | *48.56* | |
| | | *For >10 To 20, Add* | *25.51* | |
| | | *For >20 To 40, Add* | *13.37* | |
| | | *For >75 To 100, Deduct* | *-6.68* | |
| | | *For >100 To 200, Deduct* | *-13.98* | |
| | | *For >200, Deduct* | *-20.66* | |
| 07 52 13 11-0005 | SQ | 160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied | 347.67 | |
| | | *For Up To 10, Add* | *74.44* | |
| | | *For >10 To 20, Add* | *38.45* | |
| | | *For >20 To 40, Add* | *19.84* | |
| | | *For >75 To 100, Deduct* | *-9.92* | |
| | | *For >100 To 200, Deduct* | *-20.45* | |
| | | *For >200, Deduct* | *-30.37* | |
| 07 52 13 11-0006 | SQ | 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 350.01 | |
| | | *For Up To 10, Add* | *75.38* | |
| | | *For >10 To 20, Add* | *39.03* | |
| | | *For >20 To 40, Add* | *20.19* | |
| | | *For >75 To 100, Deduct* | *-10.09* | |
| | | *For >100 To 200, Deduct* | *-20.86* | |
| | | *For >200, Deduct* | *-30.95* | |
| 07 52 13 11-0007 | SQ | 160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 247.80 | |
| | | *For Up To 10, Add* | *54.93* | |
| | | *For >10 To 20, Add* | *28.81* | |
| | | *For >20 To 40, Add* | *15.08* | |
| | | *For >75 To 100, Deduct* | *-7.54* | |
| | | *For >100 To 200, Deduct* | *-15.75* | |
| | | *For >200, Deduct* | *-23.29* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 13 11-0008 | SQ | 160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 288.79 | |
| | | *For Up To 10, Add* | *63.13* | |
| | | *For >10 To 20, Add* | *32.91* | |
| | | *For >20 To 40, Add* | *17.13* | |
| | | *For >75 To 100, Deduct* | *-8.56* | |
| | | *For >100 To 200, Deduct* | *-17.80* | |
| | | *For >200, Deduct* | *-26.36* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 13 11-0009 | SQ | 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 400.49 | |
| | | *For Up To 10, Add* | *85.47* | |
| | | *For >10 To 20, Add* | *44.08* | |
| | | *For >20 To 40, Add* | *22.71* | |
| | | *For >75 To 100, Deduct* | *-11.36* | |
| | | *For >100 To 200, Deduct* | *-23.38* | |
| | | *For >200, Deduct* | *-34.74* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |

### 07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 13 11-0011 | SF | 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied | 4.69 | |
| 07 52 13 11-0012 | SF | 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied | 7.46 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |

## 07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

### 07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

### 07 52 13 13-0002 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 13 13-0003 | SQ | 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied | 125.81 | |
| | | *For Up To 10, Add* | *30.06* | |
| | | *For >10 To 20, Add* | *16.26* | |
| | | *For >20 To 40, Add* | *8.74* | |
| | | *For >75 To 100, Deduct* | *-4.37* | |
| | | *For >100 To 200, Deduct* | *-9.35* | |
| | | *For >200, Deduct* | *-13.73* | |
| 07 52 13 13-0004 | SQ | 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied | 166.35 | |
| | | *For Up To 10, Add* | *38.17* | |
| | | *For >10 To 20, Add* | *20.31* | |
| | | *For >20 To 40, Add* | *10.77* | |
| | | *For >75 To 100, Deduct* | *-5.38* | |
| | | *For >100 To 200, Deduct* | *-11.38* | |
| | | *For >200, Deduct* | *-16.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 13 13-0005 | SQ | 150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied | 197.67 | |
| | | *For Up To 10, Add* | *46.90* | |
| | | *For >10 To 20, Add* | *25.29* | |
| | | *For >20 To 40, Add* | *13.56* | |
| | | *For >75 To 100, Deduct* | *-6.78* | |
| | | *For >100 To 200, Deduct* | *-14.48* | |
| | | *For >200, Deduct* | *-21.27* | |
| 07 52 13 13-0006 | SQ | 160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied | 208.05 | |
| | | *For Up To 10, Add* | *48.97* | |
| | | *For >10 To 20, Add* | *26.33* | |
| | | *For >20 To 40, Add* | *14.08* | |
| | | *For >75 To 100, Deduct* | *-7.04* | |
| | | *For >100 To 200, Deduct* | *-15.00* | |
| | | *For >200, Deduct* | *-22.05* | |
| 07 52 13 13-0007 | SQ | 180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied | 292.25 | |
| | | *For Up To 10, Add* | *65.81* | |
| | | *For >10 To 20, Add* | *34.75* | |
| | | *For >20 To 40, Add* | *18.29* | |
| | | *For >75 To 100, Deduct* | *-9.15* | |
| | | *For >100 To 200, Deduct* | *-19.21* | |
| | | *For >200, Deduct* | *-28.36* | |
| 07 52 13 13-0008 | SQ | 150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied | 197.67 | |
| | | *For Up To 10, Add* | *46.90* | |
| | | *For >10 To 20, Add* | *25.29* | |
| | | *For >20 To 40, Add* | *13.56* | |
| | | *For >75 To 100, Deduct* | *-6.78* | |
| | | *For >100 To 200, Deduct* | *-14.48* | |
| | | *For >200, Deduct* | *-21.27* | |
| 07 52 13 13-0009 | SQ | 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied | 210.65 | |
| | | *For Up To 10, Add* | *49.49* | |
| | | *For >10 To 20, Add* | *26.59* | |
| | | *For >20 To 40, Add* | *14.21* | |
| | | *For >75 To 100, Deduct* | *-7.11* | |
| | | *For >100 To 200, Deduct* | *-15.13* | |
| | | *For >200, Deduct* | *-22.24* | |
| 07 52 13 13-0010 | SQ | 180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied | 292.25 | |
| | | *For Up To 10, Add* | *65.81* | |
| | | *For >10 To 20, Add* | *34.75* | |
| | | *For >20 To 40, Add* | *18.29* | |
| | | *For >75 To 100, Deduct* | *-9.15* | |
| | | *For >100 To 200, Deduct* | *-19.21* | |
| | | *For >200, Deduct* | *-28.36* | |
| 07 52 13 13-0011 | SQ | 160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied | 205.85 | |
| | | *For Up To 10, Add* | *48.53* | |
| | | *For >10 To 20, Add* | *26.11* | |
| | | *For >20 To 40, Add* | *13.97* | |
| | | *For >75 To 100, Deduct* | *-6.99* | |
| | | *For >100 To 200, Deduct* | *-14.89* | |
| | | *For >200, Deduct* | *-21.88* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 13 13-0012 | SQ | 170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied | 218.43 | |
| | | *For Up To 10, Add* | *51.05* | |
| | | *For >10 To 20, Add* | *27.36* | |
| | | *For >20 To 40, Add* | *14.60* | |
| | | *For >75 To 100, Deduct* | *-7.30* | |
| | | *For >100 To 200, Deduct* | *-15.52* | |
| | | *For >200, Deduct* | *-22.82* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 13 13-0013 | SQ | 160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied | 249.31 | |
| | | *For Up To 10, Add* | *57.22* | |
| | | *For >10 To 20, Add* | *30.45* | |
| | | *For >20 To 40, Add* | *16.15* | |
| | | *For >75 To 100, Deduct* | *-8.07* | |
| | | *For >100 To 200, Deduct* | *-17.07* | |
| | | *For >200, Deduct* | *-25.14* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 13 13-0014 | SQ | 170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied | 253.07 | |
| | | *For Up To 10, Add* | *57.98* | |
| | | *For >10 To 20, Add* | *30.83* | |
| | | *For >20 To 40, Add* | *16.33* | |
| | | *For >75 To 100, Deduct* | *-8.17* | |
| | | *For >100 To 200, Deduct* | *-17.25* | |
| | | *For >200, Deduct* | *-25.42* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 13 13-0015 | SQ | 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied | 358.54 | |
| | | *For Up To 10, Add* | *79.07* | |
| | | *For >10 To 20, Add* | *41.38* | |
| | | *For >20 To 40, Add* | *21.61* | |
| | | *For >75 To 100, Deduct* | *-10.80* | |
| | | *For >100 To 200, Deduct* | *-22.53* | |
| | | *For >200, Deduct* | *-33.33* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |

### 07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*

| | | | |
|---|---|---|---|
| 07 52 13 13-0017 | SF | 150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied | 2.71 |
| 07 52 13 13-0018 | SF | 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied | 2.84 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 13 13-0019 | SF | 180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied | 3.65 | |
| 07 52 13 13-0020 | SF | 170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied | 2.92 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 13 13-0021 | SF | 170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied | 3.26 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 13 13-0022 | SF | 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied | 4.32 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |

### 07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 13 14-0003 | SQ | 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened | 194.50 | |
| | | *For Up To 10, Add* | *41.35* | |
| | | *For >10 To 20, Add* | *21.29* | |
| | | *For >20 To 40, Add* | *10.95* | |
| | | *For >75 To 100, Deduct* | *-5.48* | |
| | | *For >100 To 200, Deduct* | *-11.26* | |
| | | *For >200, Deduct* | *-16.73* | |

### 07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

### 07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 16 11-0003 | SQ | 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied | 138.04 | |
| | | *For Up To 10, Add* | *32.51* | |
| | | *For >10 To 20, Add* | *17.48* | |
| | | *For >20 To 40, Add* | *9.36* | |
| | | *For >75 To 100, Deduct* | *-4.68* | |
| | | *For >100 To 200, Deduct* | *-9.97* | |
| | | *For >200, Deduct* | *-14.65* | |
| 07 52 16 11-0004 | SQ | 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied | 183.05 | |
| | | *For Up To 10, Add* | *41.52* | |
| | | *For >10 To 20, Add* | *21.98* | |
| | | *For >20 To 40, Add* | *11.61* | |
| | | *For >75 To 100, Deduct* | *-5.80* | |
| | | *For >100 To 200, Deduct* | *-12.22* | |
| | | *For >200, Deduct* | *-18.02* | |
| 07 52 16 11-0005 | SQ | 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied | 188.85 | |
| | | *For Up To 10, Add* | *42.68* | |
| | | *For >10 To 20, Add* | *22.56* | |
| | | *For >20 To 40, Add* | *11.90* | |
| | | *For >75 To 100, Deduct* | *-5.95* | |
| | | *For >100 To 200, Deduct* | *-12.51* | |
| | | *For >200, Deduct* | *-18.46* | |
| 07 52 16 11-0006 | SQ | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied | 260.64 | |
| | | *For Up To 10, Add* | *57.03* | |
| | | *For >10 To 20, Add* | *29.74* | |
| | | *For >20 To 40, Add* | *15.49* | |
| | | *For >75 To 100, Deduct* | *-7.74* | |
| | | *For >100 To 200, Deduct* | *-16.10* | |
| | | *For >200, Deduct* | *-23.84* | |
| 07 52 16 11-0007 | SQ | 125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied | 333.28 | |
| | | *For Up To 10, Add* | *71.56* | |
| | | *For >10 To 20, Add* | *37.01* | |
| | | *For >20 To 40, Add* | *19.12* | |
| | | *For >75 To 100, Deduct* | *-9.56* | |
| | | *For >100 To 200, Deduct* | *-19.73* | |
| | | *For >200, Deduct* | *-29.29* | |
| 07 52 16 11-0008 | SQ | 140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 275.40 | |
| | | *For Up To 10, Add* | *60.45* | |
| | | *For >10 To 20, Add* | *31.57* | |
| | | *For >20 To 40, Add* | *16.46* | |
| | | *For >75 To 100, Deduct* | *-8.23* | |
| | | *For >100 To 200, Deduct* | *-17.13* | |
| | | *For >200, Deduct* | *-25.36* | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 16 11-0009 | SQ | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 283.21 | |
| | | *For Up To 10, Add* | *62.02* | |
| | | *For >10 To 20, Add* | *32.35* | |
| | | *For >20 To 40, Add* | *16.85* | |
| | | *For >75 To 100, Deduct* | *-8.42* | |
| | | *For >100 To 200, Deduct* | *-17.52* | |
| | | *For >200, Deduct* | *-25.94* | |
| 07 52 16 11-0010 | SQ | 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 246.63 | |
| | | *For Up To 10, Add* | *54.70* | |
| | | *For >10 To 20, Add* | *28.69* | |
| | | *For >20 To 40, Add* | *15.02* | |
| | | *For >75 To 100, Deduct* | *-7.51* | |
| | | *For >100 To 200, Deduct* | *-15.69* | |
| | | *For >200, Deduct* | *-23.20* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0011 | SQ | 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 250.00 | |
| | | *For Up To 10, Add* | *55.37* | |
| | | *For >10 To 20, Add* | *29.03* | |
| | | *For >20 To 40, Add* | *15.19* | |
| | | *For >75 To 100, Deduct* | *-7.59* | |
| | | *For >100 To 200, Deduct* | *-15.86* | |
| | | *For >200, Deduct* | *-23.45* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0012 | SQ | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 281.14 | |
| | | *For Up To 10, Add* | *61.60* | |
| | | *For >10 To 20, Add* | *32.14* | |
| | | *For >20 To 40, Add* | *16.74* | |
| | | *For >75 To 100, Deduct* | *-8.37* | |
| | | *For >100 To 200, Deduct* | *-17.42* | |
| | | *For >200, Deduct* | *-25.79* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0013 | SQ | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 286.33 | |
| | | *For Up To 10, Add* | *62.64* | |
| | | *For >10 To 20, Add* | *32.66* | |
| | | *For >20 To 40, Add* | *17.00* | |
| | | *For >75 To 100, Deduct* | *-8.50* | |
| | | *For >100 To 200, Deduct* | *-17.68* | |
| | | *For >200, Deduct* | *-26.18* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0014 | SQ | 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 331.73 | |
| | | *For Up To 10, Add* | *71.72* | |
| | | *For >10 To 20, Add* | *37.20* | |
| | | *For >20 To 40, Add* | *19.27* | |
| | | *For >75 To 100, Deduct* | *-9.64* | |
| | | *For >100 To 200, Deduct* | *-19.95* | |
| | | *For >200, Deduct* | *-29.58* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0015 | SQ | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 414.45 | |
| | | *For Up To 10, Add* | *88.26* | |
| | | *For >10 To 20, Add* | *45.48* | |
| | | *For >20 To 40, Add* | *23.41* | |
| | | *For >75 To 100, Deduct* | *-11.70* | |
| | | *For >100 To 200, Deduct* | *-24.08* | |
| | | *For >200, Deduct* | *-35.79* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0016 | SQ | 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 252.26 | |
| | | *For Up To 10, Add* | *55.83* | |
| | | *For >10 To 20, Add* | *29.26* | |
| | | *For >20 To 40, Add* | *15.30* | |
| | | *For >75 To 100, Deduct* | *-7.65* | |
| | | *For >100 To 200, Deduct* | *-15.97* | |
| | | *For >200, Deduct* | *-23.62* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0017 | SQ | 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 260.38 | |
| | | *For Up To 10, Add* | *57.45* | |
| | | *For >10 To 20, Add* | *30.07* | |
| | | *For >20 To 40, Add* | *15.71* | |
| | | *For >75 To 100, Deduct* | *-7.85* | |
| | | *For >100 To 200, Deduct* | *-16.38* | |
| | | *For >200, Deduct* | *-24.23* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0018 | SQ | 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 304.49 | |
| | | *For Up To 10, Add* | *66.27* | |
| | | *For >10 To 20, Add* | *34.48* | |
| | | *For >20 To 40, Add* | *17.91* | |
| | | *For >75 To 100, Deduct* | *-8.96* | |
| | | *For >100 To 200, Deduct* | *-18.58* | |
| | | *For >200, Deduct* | *-27.54* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 16 11-0019 | SQ | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 305.53 | |
| | | *For Up To 10, Add* | *66.48* | |
| | | *For >10 To 20, Add* | *34.58* | |
| | | *For >20 To 40, Add* | *17.96* | |
| | | *For >75 To 100, Deduct* | *-8.98* | |
| | | *For >100 To 200, Deduct* | *-18.64* | |
| | | *For >200, Deduct* | *-27.62* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 11-0020 | SQ | 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied | 325.25 | |
| | | *For Up To 10, Add* | *70.42* | |
| | | *For >10 To 20, Add* | *36.56* | |
| | | *For >20 To 40, Add* | *18.95* | |
| | | *For >75 To 100, Deduct* | *-9.47* | |
| | | *For >100 To 200, Deduct* | *-19.62* | |
| | | *For >200, Deduct* | *-29.10* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |

### 07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 16 11-0022 | SF | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 4.02 | |
| 07 52 16 11-0023 | SF | 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 3.66 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0024 | SF | 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 3.69 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0025 | SF | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 4.06 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0026 | SF | 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 4.51 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0027 | SF | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 5.34 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0028 | SF | 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 3.72 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0029 | SF | 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 3.80 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0030 | SF | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 4.25 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0031 | SF | 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 4.44 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 11-0032 | SF | 145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 6.06 | |
| 07 52 16 11-0033 | SF | 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied | 11.89 | |

## 07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

### 07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

### 07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 16 12-0003 | SQ | 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped | 111.64 | |
| | | *For Up To 10, Add* | *27.36* | |
| | | *For >10 To 20, Add* | *14.94* | |
| | | *For >20 To 40, Add* | *8.10* | |
| | | *For >75 To 100, Deduct* | *-4.05* | |
| | | *For >100 To 200, Deduct* | *-8.73* | |
| | | *For >200, Deduct* | *-12.78* | |
| 07 52 16 12-0004 | SQ | 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped | 156.64 | |
| | | *For Up To 10, Add* | *36.36* | |
| | | *For >10 To 20, Add* | *19.44* | |
| | | *For >20 To 40, Add* | *10.35* | |
| | | *For >75 To 100, Deduct* | *-5.17* | |
| | | *For >100 To 200, Deduct* | *-10.98* | |
| | | *For >200, Deduct* | *-16.15* | |
| 07 52 16 12-0005 | SQ | 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped | 162.45 | |
| | | *For Up To 10, Add* | *37.52* | |
| | | *For >10 To 20, Add* | *20.02* | |
| | | *For >20 To 40, Add* | *10.64* | |
| | | *For >75 To 100, Deduct* | *-5.32* | |
| | | *For >100 To 200, Deduct* | *-11.27* | |
| | | *For >200, Deduct* | *-16.59* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 16 12-0006 | SQ | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped | 234.24 | |
| | | *For Up To 10, Add* | *51.88* | |
| | | *For >10 To 20, Add* | *27.20* | |
| | | *For >20 To 40, Add* | *14.23* | |
| | | *For >75 To 100, Deduct* | *-7.11* | |
| | | *For >100 To 200, Deduct* | *-14.86* | |
| | | *For >200, Deduct* | *-21.97* | |
| 07 52 16 12-0007 | SQ | 125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped | 306.88 | |
| | | *For Up To 10, Add* | *66.41* | |
| | | *For >10 To 20, Add* | *34.46* | |
| | | *For >20 To 40, Add* | *17.86* | |
| | | *For >75 To 100, Deduct* | *-8.93* | |
| | | *For >100 To 200, Deduct* | *-18.49* | |
| | | *For >200, Deduct* | *-27.42* | |
| 07 52 16 12-0008 | SQ | 140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 249.06 | |
| | | *For Up To 10, Add* | *55.32* | |
| | | *For >10 To 20, Add* | *29.04* | |
| | | *For >20 To 40, Add* | *15.21* | |
| | | *For >75 To 100, Deduct* | *-7.60* | |
| | | *For >100 To 200, Deduct* | *-15.90* | |
| | | *For >200, Deduct* | *-23.50* | |
| 07 52 16 12-0009 | SQ | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 256.87 | |
| | | *For Up To 10, Add* | *56.89* | |
| | | *For >10 To 20, Add* | *29.82* | |
| | | *For >20 To 40, Add* | *15.60* | |
| | | *For >75 To 100, Deduct* | *-7.80* | |
| | | *For >100 To 200, Deduct* | *-16.29* | |
| | | *For >200, Deduct* | *-24.09* | |
| 07 52 16 12-0010 | SQ | 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 220.29 | |
| | | *For Up To 10, Add* | *49.57* | |
| | | *For >10 To 20, Add* | *26.16* | |
| | | *For >20 To 40, Add* | *13.77* | |
| | | *For >75 To 100, Deduct* | *-6.89* | |
| | | *For >100 To 200, Deduct* | *-14.46* | |
| | | *For >200, Deduct* | *-21.34* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0011 | SQ | 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 223.66 | |
| | | *For Up To 10, Add* | *50.24* | |
| | | *For >10 To 20, Add* | *26.50* | |
| | | *For >20 To 40, Add* | *13.94* | |
| | | *For >75 To 100, Deduct* | *-6.97* | |
| | | *For >100 To 200, Deduct* | *-14.63* | |
| | | *For >200, Deduct* | *-21.60* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0012 | SQ | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 254.80 | |
| | | *For Up To 10, Add* | *56.47* | |
| | | *For >10 To 20, Add* | *29.61* | |
| | | *For >20 To 40, Add* | *15.50* | |
| | | *For >75 To 100, Deduct* | *-7.75* | |
| | | *For >100 To 200, Deduct* | *-16.19* | |
| | | *For >200, Deduct* | *-23.93* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0013 | SQ | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 259.99 | |
| | | *For Up To 10, Add* | *57.51* | |
| | | *For >10 To 20, Add* | *30.13* | |
| | | *For >20 To 40, Add* | *15.76* | |
| | | *For >75 To 100, Deduct* | *-7.88* | |
| | | *For >100 To 200, Deduct* | *-16.44* | |
| | | *For >200, Deduct* | *-24.32* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0014 | SQ | 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 305.39 | |
| | | *For Up To 10, Add* | *66.59* | |
| | | *For >10 To 20, Add* | *34.67* | |
| | | *For >20 To 40, Add* | *18.03* | |
| | | *For >75 To 100, Deduct* | *-9.01* | |
| | | *For >100 To 200, Deduct* | *-18.71* | |
| | | *For >200, Deduct* | *-27.73* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0015 | SQ | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 388.11 | |
| | | *For Up To 10, Add* | *83.13* | |
| | | *For >10 To 20, Add* | *42.95* | |
| | | *For >20 To 40, Add* | *22.16* | |
| | | *For >75 To 100, Deduct* | *-11.08* | |
| | | *For >100 To 200, Deduct* | *-22.85* | |
| | | *For >200, Deduct* | *-33.93* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0016 | SQ | 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 225.92 | |
| | | *For Up To 10, Add* | *50.70* | |
| | | *For >10 To 20, Add* | *26.73* | |
| | | *For >20 To 40, Add* | *14.05* | |
| | | *For >75 To 100, Deduct* | *-7.03* | |
| | | *For >100 To 200, Deduct* | *-14.74* | |
| | | *For >200, Deduct* | *-21.77* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 16 12-0017 | SQ | 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 234.04 | |
| | | *For Up To 10, Add* | *52.32* | |
| | | *For >10 To 20, Add* | *27.54* | |
| | | *For >20 To 40, Add* | *14.46* | |
| | | *For >75 To 100, Deduct* | *-7.23* | |
| | | *For >100 To 200, Deduct* | *-15.15* | |
| | | *For >200, Deduct* | *-22.38* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0018 | SQ | 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 278.15 | |
| | | *For Up To 10, Add* | *61.14* | |
| | | *For >10 To 20, Add* | *31.95* | |
| | | *For >20 To 40, Add* | *16.66* | |
| | | *For >75 To 100, Deduct* | *-8.33* | |
| | | *For >100 To 200, Deduct* | *-17.35* | |
| | | *For >200, Deduct* | *-25.68* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0019 | SQ | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 279.19 | |
| | | *For Up To 10, Add* | *61.35* | |
| | | *For >10 To 20, Add* | *32.05* | |
| | | *For >20 To 40, Add* | *16.72* | |
| | | *For >75 To 100, Deduct* | *-8.36* | |
| | | *For >100 To 200, Deduct* | *-17.40* | |
| | | *For >200, Deduct* | *-25.76* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 12-0020 | SQ | 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 298.90 | |
| | | *For Up To 10, Add* | *65.29* | |
| | | *For >10 To 20, Add* | *34.02* | |
| | | *For >20 To 40, Add* | *17.70* | |
| | | *For >75 To 100, Deduct* | *-8.85* | |
| | | *For >100 To 200, Deduct* | *-18.39* | |
| | | *For >200, Deduct* | *-27.24* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |

### 07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 16 12-0022 | SF | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 3.88 | |
| 07 52 16 12-0023 | SF | 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 3.51 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0024 | SF | 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 3.55 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0025 | SF | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 3.86 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0026 | SF | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 3.91 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0027 | SF | 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 4.36 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0028 | SF | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 5.19 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0029 | SF | 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 3.57 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0030 | SF | 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 3.65 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0031 | SF | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 4.02 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0032 | SF | 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 4.30 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 12-0033 | SF | 145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 5.91 | |
| 07 52 16 12-0034 | SF | 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped | 11.74 | |

## 07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

### 07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

### 07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 16 13-0003 | SQ | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied | 234.00 | |
| | | *For Up To 10, Add* | *54.16* | |
| | | *For >10 To 20, Add* | *28.92* | |
| | | *For >20 To 40, Add* | *15.38* | |
| | | *For >75 To 100, Deduct* | *-7.69* | |
| | | *For >100 To 200, Deduct* | *-16.30* | |
| | | *For >200, Deduct* | *-23.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 16 13-0004 | SQ | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied | 208.83 | |
| | | *For Up To 10, Add* | *49.13* | |
| | | *For >10 To 20, Add* | *26.40* | |
| | | *For >20 To 40, Add* | *14.12* | |
| | | *For >75 To 100, Deduct* | *-7.06* | |
| | | *For >100 To 200, Deduct* | *-15.04* | |
| | | *For >200, Deduct* | *-22.10* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 13-0005 | SQ | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied | 238.41 | |
| | | *For Up To 10, Add* | *55.04* | |
| | | *For >10 To 20, Add* | *29.36* | |
| | | *For >20 To 40, Add* | *15.60* | |
| | | *For >75 To 100, Deduct* | *-7.80* | |
| | | *For >100 To 200, Deduct* | *-16.52* | |
| | | *For >200, Deduct* | *-24.32* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 13-0006 | SQ | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied | 372.50 | |
| | | *For Up To 10, Add* | *81.86* | |
| | | *For >10 To 20, Add* | *42.77* | |
| | | *For >20 To 40, Add* | *22.31* | |
| | | *For >75 To 100, Deduct* | *-11.15* | |
| | | *For >100 To 200, Deduct* | *-23.23* | |
| | | *For >200, Deduct* | *-34.38* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 13-0007 | SQ | 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied | 217.29 | |
| | | *For Up To 10, Add* | *50.82* | |
| | | *For >10 To 20, Add* | *27.25* | |
| | | *For >20 To 40, Add* | *14.55* | |
| | | *For >75 To 100, Deduct* | *-7.27* | |
| | | *For >100 To 200, Deduct* | *-15.47* | |
| | | *For >200, Deduct* | *-22.74* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 13-0008 | SQ | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied | 252.16 | |
| | | *For Up To 10, Add* | *57.79* | |
| | | *For >10 To 20, Add* | *30.74* | |
| | | *For >20 To 40, Add* | *16.29* | |
| | | *For >75 To 100, Deduct* | *-8.14* | |
| | | *For >100 To 200, Deduct* | *-17.21* | |
| | | *For >200, Deduct* | *-25.35* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 13-0009 | SQ | 165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied | 263.48 | |
| | | *For Up To 10, Add* | *60.25* | |
| | | *For >10 To 20, Add* | *32.01* | |
| | | *For >20 To 40, Add* | *16.95* | |
| | | *For >75 To 100, Deduct* | *-8.47* | |
| | | *For >100 To 200, Deduct* | *-17.89* | |
| | | *For >200, Deduct* | *-26.37* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 13-0010 | SQ | 180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied | 344.87 | |
| | | *For Up To 10, Add* | *76.52* | |
| | | *For >10 To 20, Add* | *40.15* | |
| | | *For >20 To 40, Add* | *21.02* | |
| | | *For >75 To 100, Deduct* | *-10.51* | |
| | | *For >100 To 200, Deduct* | *-21.96* | |
| | | *For >200, Deduct* | *-32.47* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |

### 07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 16 13-0012 | SF | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied | 3.14 | |
| 07 52 16 13-0013 | SF | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied | 3.12 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 13-0014 | SF | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied | 4.46 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 13-0015 | SF | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied | 3.29 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 13-0016 | SF | 165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied | 3.36 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 13-0017 | SF | 180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied | 4.18 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 13-0018 | SF | 150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied | 4.36 | |
| 07 52 16 13-0019 | SF | 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied | 11.01 | |

## 07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 16 14-0001 | | Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 14)* Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners. | | |
| 07 52 16 14-0002 | | Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)* | | |
| 07 52 16 14-0003 | SQ | 35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened | 149.78 | |
| | | *For Up To 10, Add* | *32.41* | |
| | | *For >10 To 20, Add* | *16.82* | |
| | | *For >20 To 40, Add* | *8.72* | |
| | | *For >75 To 100, Deduct* | *-4.36* | |
| | | *For >100 To 200, Deduct* | *-9.02* | |
| | | *For >200, Deduct* | *-13.38* | |
| 07 52 16 14-0004 | SQ | 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened | 114.28 | |
| | | *For Up To 10, Add* | *25.31* | |
| | | *For >10 To 20, Add* | *13.27* | |
| | | *For >20 To 40, Add* | *6.94* | |
| | | *For >75 To 100, Deduct* | *-3.47* | |
| | | *For >100 To 200, Deduct* | *-7.25* | |
| | | *For >200, Deduct* | *-10.72* | |
| 07 52 16 14-0005 | SQ | 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened | 149.23 | |
| | | *For Up To 10, Add* | *32.30* | |
| | | *For >10 To 20, Add* | *16.76* | |
| | | *For >20 To 40, Add* | *8.69* | |
| | | *For >75 To 100, Deduct* | *-4.34* | |
| | | *For >100 To 200, Deduct* | *-8.99* | |
| | | *For >200, Deduct* | *-13.34* | |
| 07 52 16 14-0006 | SQ | 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened | 187.84 | |
| | | *For Up To 10, Add* | *40.02* | |
| | | *For >10 To 20, Add* | *20.62* | |
| | | *For >20 To 40, Add* | *10.62* | |
| | | *For >75 To 100, Deduct* | *-5.31* | |
| | | *For >100 To 200, Deduct* | *-10.92* | |
| | | *For >200, Deduct* | *-16.23* | |
| 07 52 16 14-0007 | SQ | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened | 236.87 | |
| | | *For Up To 10, Add* | *49.83* | |
| | | *For >10 To 20, Add* | *25.53* | |
| | | *For >20 To 40, Add* | *13.07* | |
| | | *For >75 To 100, Deduct* | *-6.53* | |
| | | *For >100 To 200, Deduct* | *-13.38* | |
| | | *For >200, Deduct* | *-19.91* | |
| 07 52 16 14-0008 | | Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 14-0001)* | | |
| 07 52 16 14-0009 | SF | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened | 2.78 | |
| 07 52 16 14-0010 | SF | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened | 2.85 | |
| **07 52 16 15** | | **Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** *(07 52 16)* | | |
| 07 52 16 15-0001 | | Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 15)* Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane. | | |
| 07 52 16 15-0002 | | Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)* | | |
| 07 52 16 15-0003 | SQ | 60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering | 118.41 | |
| | | *For Up To 10, Add* | *26.63* | |
| | | *For >10 To 20, Add* | *14.05* | |
| | | *For >20 To 40, Add* | *7.39* | |
| | | *For >75 To 100, Deduct* | *-3.70* | |
| | | *For >100 To 200, Deduct* | *-7.76* | |
| | | *For >200, Deduct* | *-11.46* | |
| 07 52 16 15-0004 | SQ | 70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering | 125.77 | |
| | | *For Up To 10, Add* | *28.10* | |
| | | *For >10 To 20, Add* | *14.79* | |
| | | *For >20 To 40, Add* | *7.76* | |
| | | *For >75 To 100, Deduct* | *-3.88* | |
| | | *For >100 To 200, Deduct* | *-8.13* | |
| | | *For >200, Deduct* | *-12.01* | |
| 07 52 16 15-0005 | SQ | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering | 215.30 | |
| | | *For Up To 10, Add* | *46.23* | |
| | | *For >10 To 20, Add* | *23.90* | |
| | | *For >20 To 40, Add* | *12.35* | |
| | | *For >75 To 100, Deduct* | *-6.17* | |
| | | *For >100 To 200, Deduct* | *-12.74* | |
| | | *For >200, Deduct* | *-18.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 52 16 15-0006 | SQ | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering | 258.42 | |
| | | *For Up To 10, Add* | *54.85* | |
| | | *For >10 To 20, Add* | *28.22* | |
| | | *For >20 To 40, Add* | *14.50* | |
| | | *For >75 To 100, Deduct* | *-7.25* | |
| | | *For >100 To 200, Deduct* | *-14.90* | |
| | | *For >200, Deduct* | *-22.15* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |
| 07 52 16 15-0007 | SQ | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering | 385.56 | |
| | | *For Up To 10, Add* | *80.28* | |
| | | *For >10 To 20, Add* | *40.93* | |
| | | *For >20 To 40, Add* | *20.86* | |
| | | *For >75 To 100, Deduct* | *-10.43* | |
| | | *For >100 To 200, Deduct* | *-21.26* | |
| | | *For >200, Deduct* | *-31.69* | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *91.56* | |

### 07 52 16 15-0008 Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*

| | | | | |
|---|---|---|---|---|
| 07 52 16 15-0009 | SF | 70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering | 3.11 | |
| 07 52 16 15-0010 | SF | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering | 3.53 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |
| 07 52 16 15-0011 | SF | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering | 4.80 | |
| | | *For Factory Applied White Reflective Surfacing, Add* | *0.92* | |

## 07 53 Elastomeric Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

### 07 53 16 Chlorosulfonate-Polyethylene Roofing *(07 53)*

#### 07 53 16 00-0001 Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)*

Note: Includes hot air welding or adhesive bonding of seams.

| | | | | |
|---|---|---|---|---|
| 07 53 16 00-0002 | SQ | 45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 492.47 | 58.89 |
| | | *For Up To 10, Add* | *122.05* | |
| | | *For >10 To 20, Add* | *66.92* | |
| | | *For >20 To 40, Add* | *36.40* | |
| | | *For >75 To 100, Deduct* | *-18.20* | |
| | | *For >100 To 200, Deduct* | *-39.35* | |
| | | *For >200, Deduct* | *-57.55* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| 07 53 16 00-0003 | SQ | 45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted<br>Note: Includes ballast. | 389.11 | 29.45 |
| | | *For Up To 10, Add* | *89.60* | |
| | | *For >10 To 20, Add* | *47.74* | |
| | | *For >20 To 40, Add* | *25.34* | |
| | | *For >75 To 100, Deduct* | *-12.67* | |
| | | *For >100 To 200, Deduct* | *-26.82* | |
| | | *For >200, Deduct* | *-39.49* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| 07 53 16 00-0004 | SQ | 45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 404.81 | 44.17 |
| | | *For Up To 10, Add* | *98.63* | |
| | | *For >10 To 20, Add* | *53.73* | |
| | | *For >20 To 40, Add* | *29.07* | |
| | | *For >75 To 100, Deduct* | *-14.54* | |
| | | *For >100 To 200, Deduct* | *-31.28* | |
| | | *For >200, Deduct* | *-45.82* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *22.09* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *23.20* | |

### 07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

#### 07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

| | | | | |
|---|---|---|---|---|
| 07 53 23 00-0002 | SQ | 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted<br>Note: Includes ballast. | 193.38 | 29.45 |
| | | *For Up To 10, Add* | *50.45* | |
| | | *For >10 To 20, Add* | *28.17* | |
| | | *For >20 To 40, Add* | *15.56* | |
| | | *For >75 To 100, Deduct* | *-7.78* | |
| | | *For >100 To 200, Deduct* | *-17.03* | |
| | | *For >200, Deduct* | *-24.81* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add* | *17.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 53 23 00-0003 | SQ | 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted<br>Note: Includes ballast. | 217.50 | 31.29 |
| | | *For Up To 10, Add* | *56.01* | |
| | | *For >10 To 20, Add* | *31.14* | |
| | | *For >20 To 40, Add* | *17.13* | |
| | | *For >75 To 100, Deduct* | *-8.57* | |
| | | *For >100 To 200, Deduct* | *-18.70* | |
| | | *For >200, Deduct* | *-27.26* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add* | *17.29* | |
| 07 53 23 00-0004 | SQ | 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted<br>Note: Includes ballast. | 327.41 | 33.13 |
| | | *For Up To 10, Add* | *78.73* | |
| | | *For >10 To 20, Add* | *42.68* | |
| | | *For >20 To 40, Add* | *23.00* | |
| | | *For >75 To 100, Deduct* | *-11.50* | |
| | | *For >100 To 200, Deduct* | *-24.65* | |
| | | *For >200, Deduct* | *-36.15* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| 07 53 23 00-0005 | SQ | 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)<br>Note: Includes adhesive and fasteners. | 222.33 | 44.17 |
| | | *For Up To 10, Add* | *62.13* | |
| | | *For >10 To 20, Add* | *35.48* | |
| | | *For >20 To 40, Add* | *19.95* | |
| | | *For >75 To 100, Deduct* | *-9.98* | |
| | | *For >100 To 200, Deduct* | *-22.16* | |
| | | *For >200, Deduct* | *-32.13* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Low VOC Adhesive, Add* | *36.97* | |
| | | *For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add* | *17.29* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *105.21* | |
| 07 53 23 00-0006 | SQ | 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)<br>Note: Includes adhesive and fasteners. | 246.45 | 46.01 |
| | | *For Up To 10, Add* | *67.69* | |
| | | *For >10 To 20, Add* | *38.45* | |
| | | *For >20 To 40, Add* | *21.52* | |
| | | *For >75 To 100, Deduct* | *-10.76* | |
| | | *For >100 To 200, Deduct* | *-23.83* | |
| | | *For >200, Deduct* | *-34.59* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Low VOC Adhesive, Add* | *36.97* | |
| | | *For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add* | *17.29* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *115.99* | |
| 07 53 23 00-0007 | SQ | 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)<br>Note: Includes adhesive and fasteners. | 356.37 | 47.85 |
| | | *For Up To 10, Add* | *90.42* | |
| | | *For >10 To 20, Add* | *49.99* | |
| | | *For >20 To 40, Add* | *27.39* | |
| | | *For >75 To 100, Deduct* | *-13.69* | |
| | | *For >100 To 200, Deduct* | *-29.78* | |
| | | *For >200, Deduct* | *-43.48* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Low VOC Adhesive, Add* | *36.97* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *127.76* | |
| 07 53 23 00-0008 | SQ | 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered<br>Note: Includes adhesive and fasteners. | 293.19 | 58.89 |
| | | *For Up To 10, Add* | *82.20* | |
| | | *For >10 To 20, Add* | *46.99* | |
| | | *For >20 To 40, Add* | *26.44* | |
| | | *For >75 To 100, Deduct* | *-13.22* | |
| | | *For >100 To 200, Deduct* | *-29.38* | |
| | | *For >200, Deduct* | *-42.60* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add* | *17.29* | |
| | | *For Low VOC Adhesive, Add* | *92.43* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *105.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 53 23 00-0009 | SQ | 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered<br>Note: Includes adhesive and fasteners. | 317.32 | 60.73 |
| | | *For Up To 10, Add* | *87.76* | |
| | | *For >10 To 20, Add* | *49.95* | |
| | | *For >20 To 40, Add* | *28.01* | |
| | | *For >75 To 100, Deduct* | *-14.01* | |
| | | *For >100 To 200, Deduct* | *-31.05* | |
| | | *For >200, Deduct* | *-45.06* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add* | *17.29* | |
| | | *For Low VOC Adhesive, Add* | *92.43* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *115.99* | |
| 07 53 23 00-0010 | SQ | 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered<br>Note: Includes adhesive and fasteners. | 427.23 | 62.57 |
| | | *For Up To 10, Add* | *110.48* | |
| | | *For >10 To 20, Add* | *61.50* | |
| | | *For >20 To 40, Add* | *33.88* | |
| | | *For >75 To 100, Deduct* | *-16.94* | |
| | | *For >100 To 200, Deduct* | *-37.01* | |
| | | *For >200, Deduct* | *-53.95* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Low VOC Adhesive, Add* | *92.43* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *127.76* | |
| 07 53 23 00-0011 | SQ | 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 208.87 | 44.17 |
| | | *For Up To 10, Add* | *59.44* | |
| | | *For >10 To 20, Add* | *34.14* | |
| | | *For >20 To 40, Add* | *19.28* | |
| | | *For >75 To 100, Deduct* | *-9.64* | |
| | | *For >100 To 200, Deduct* | *-21.49* | |
| | | *For >200, Deduct* | *-31.12* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add* | *17.29* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *22.09* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *23.20* | |
| 07 53 23 00-0012 | SQ | 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 232.99 | 46.01 |
| | | *For Up To 10, Add* | *65.00* | |
| | | *For >10 To 20, Add* | *37.10* | |
| | | *For >20 To 40, Add* | *20.85* | |
| | | *For >75 To 100, Deduct* | *-10.43* | |
| | | *For >100 To 200, Deduct* | *-23.15* | |
| | | *For >200, Deduct* | *-33.58* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add* | *17.29* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *23.01* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *24.12* | |
| 07 53 23 00-0013 | SQ | 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 342.91 | 47.85 |
| | | *For Up To 10, Add* | *87.72* | |
| | | *For >10 To 20, Add* | *48.65* | |
| | | *For >20 To 40, Add* | *26.72* | |
| | | *For >75 To 100, Deduct* | *-13.36* | |
| | | *For >100 To 200, Deduct* | *-29.11* | |
| | | *For >200, Deduct* | *-42.47* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low Slope Fire Rated, Add* | *7.36* | |
| | | *For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add* | *70.20* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *23.93* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *25.04* | |

### 07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

| | | | | |
|---|---|---|---|---|
| 07 53 23 00-0015 | SQ | Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat | 57.76 | |
| | | *For Up To 10, Add* | *14.50* | |
| | | *For >10 To 20, Add* | *7.98* | |
| | | *For >20 To 40, Add* | *4.36* | |
| | | *For >75 To 100, Deduct* | *-2.18* | |
| | | *For >100 To 200, Deduct* | *-4.73* | |
| | | *For >200, Deduct* | *-6.91* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 53 23 00-0016 | SQ | Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat<br>Note: 55% solids by volume. | 59.91 | |
| | | *For Up To 10, Add* | *14.93* | |
| | | *For >10 To 20, Add* | *8.20* | |
| | | *For >20 To 40, Add* | *4.47* | |
| | | *For >75 To 100, Deduct* | *-2.23* | |
| | | *For >100 To 200, Deduct* | *-4.84* | |
| | | *For >200, Deduct* | *-7.07* | |
| 07 53 23 00-0017 | EA | Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band. | 34.89 | 6.99 |
| 07 53 23 00-0018 | EA | >4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band. | 51.87 | 6.99 |
| 07 53 23 00-0019 | EA | >8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band. | 100.89 | 6.99 |
| 07 53 23 00-0020 | EA | 6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket<br>Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer. | 134.76 | 7.73 |
| 07 53 23 00-0021 | LF | 30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad<br>Note: Includes factory installed peel and stick adhesive tape. | 27.85 | 4.27 |
| 07 53 23 00-0022 | SF | Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing | 5.10 | 1.10 |
| 07 53 23 00-0023 | SF | Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing | 6.20 | 1.66 |

### 07 53 29 Polyisobutylene Roofing *(07 53)*

#### 07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

| | | | | |
|---|---|---|---|---|
| 07 53 29 00-0002 | SQ | 100 Mil, Single Ply PIB Roofing Membrane, Ballasted<br>Note: Includes ballast. | 432.80 | 33.13 |
| | | *For Up To 10, Add* | *99.81* | |
| | | *For >10 To 20, Add* | *53.22* | |
| | | *For >20 To 40, Add* | *28.27* | |
| | | *For >75 To 100, Deduct* | *-14.13* | |
| | | *For >100 To 200, Deduct* | *-29.92* | |
| | | *For >200, Deduct* | *-44.06* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| 07 53 29 00-0003 | SQ | 100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%)<br>Note: Includes adhesive. | 476.41 | 47.85 |
| | | *For Up To 10, Add* | *114.42* | |
| | | *For >10 To 20, Add* | *62.00* | |
| | | *For >20 To 40, Add* | *33.39* | |
| | | *For >75 To 100, Deduct* | *-16.70* | |
| | | *For >100 To 200, Deduct* | *-35.78* | |
| | | *For >200, Deduct* | *-52.48* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| 07 53 29 00-0004 | SQ | 100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 569.25 | 62.57 |
| | | *For Up To 10, Add* | *138.88* | |
| | | *For >10 To 20, Add* | *75.70* | |
| | | *For >20 To 40, Add* | *40.98* | |
| | | *For >75 To 100, Deduct* | *-20.49* | |
| | | *For >100 To 200, Deduct* | *-44.11* | |
| | | *For >200, Deduct* | *-64.60* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |

## 07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

### 07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

#### 07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

| | | | | |
|---|---|---|---|---|
| 07 54 19 00-0002 | SQ | 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted<br>Note: Includes ballast. | 186.74 | 29.45 |
| | | *For Up To 10, Add* | *49.13* | |
| | | *For >10 To 20, Add* | *27.51* | |
| | | *For >20 To 40, Add* | *15.23* | |
| | | *For >75 To 100, Deduct* | *-7.61* | |
| | | *For >100 To 200, Deduct* | *-16.70* | |
| | | *For >200, Deduct* | *-24.31* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 54 19 00-0003 | SQ | 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted<br>Note: Includes ballast. | 210.26 | 31.29 |
| | | *For Up To 10, Add* | *54.57* | |
| | | *For >10 To 20, Add* | *30.41* | |
| | | *For >20 To 40, Add* | *16.77* | |
| | | *For >75 To 100, Deduct* | *-8.39* | |
| | | *For >100 To 200, Deduct* | *-18.33* | |
| | | *For >200, Deduct* | *-26.72* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| 07 54 19 00-0004 | SQ | 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted<br>Note: Includes ballast. | 237.44 | 32.21 |
| | | *For Up To 10, Add* | *60.37* | |
| | | *For >10 To 20, Add* | *33.41* | |
| | | *For >20 To 40, Add* | *18.31* | |
| | | *For >75 To 100, Deduct* | *-9.16* | |
| | | *For >100 To 200, Deduct* | *-19.92* | |
| | | *For >200, Deduct* | *-29.08* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| 07 54 19 00-0005 | SQ | 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted<br>Note: Includes ballast. | 250.31 | 33.13 |
| | | *For Up To 10, Add* | *63.31* | |
| | | *For >10 To 20, Add* | *34.97* | |
| | | *For >20 To 40, Add* | *19.14* | |
| | | *For >75 To 100, Deduct* | *-9.57* | |
| | | *For >100 To 200, Deduct* | *-20.80* | |
| | | *For >200, Deduct* | *-30.37* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| 07 54 19 00-0006 | SQ | 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 258.05 | 58.89 |
| | | *For Up To 10, Add* | *75.17* | |
| | | *For >10 To 20, Add* | *43.47* | |
| | | *For >20 To 40, Add* | *24.68* | |
| | | *For >75 To 100, Deduct* | *-12.34* | |
| | | *For >100 To 200, Deduct* | *-27.63* | |
| | | *For >200, Deduct* | *-39.97* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Low VOC Adhesive, Add* | *48.32* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| 07 54 19 00-0007 | SQ | 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 281.56 | 60.73 |
| | | *For Up To 10, Add* | *80.61* | |
| | | *For >10 To 20, Add* | *46.38* | |
| | | *For >20 To 40, Add* | *26.23* | |
| | | *For >75 To 100, Deduct* | *-13.11* | |
| | | *For >100 To 200, Deduct* | *-29.26* | |
| | | *For >200, Deduct* | *-42.37* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Low VOC Adhesive, Add* | *48.32* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| 07 54 19 00-0008 | SQ | 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 308.75 | 61.65 |
| | | *For Up To 10, Add* | *86.41* | |
| | | *For >10 To 20, Add* | *49.37* | |
| | | *For >20 To 40, Add* | *27.77* | |
| | | *For >75 To 100, Deduct* | *-13.88* | |
| | | *For >100 To 200, Deduct* | *-30.85* | |
| | | *For >200, Deduct* | *-44.74* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Low VOC Adhesive, Add* | *48.32* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 54 19 00-0009 | SQ | 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 321.62 | 62.57 |
| | | *For Up To 10, Add* | *89.36* | |
| | | *For >10 To 20, Add* | *50.94* | |
| | | *For >20 To 40, Add* | *28.60* | |
| | | *For >75 To 100, Deduct* | *-14.30* | |
| | | *For >100 To 200, Deduct* | *-31.73* | |
| | | *For >200, Deduct* | *-46.02* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Low VOC Adhesive, Add* | *48.32* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| 07 54 19 00-0010 | SQ | 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 195.27 | 44.17 |
| | | *For Up To 10, Add* | *56.72* | |
| | | *For >10 To 20, Add* | *32.78* | |
| | | *For >20 To 40, Add* | *18.60* | |
| | | *For >75 To 100, Deduct* | *-9.30* | |
| | | *For >100 To 200, Deduct* | *-20.81* | |
| | | *For >200, Deduct* | *-30.10* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *22.09* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *23.20* | |
| 07 54 19 00-0011 | SQ | 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 218.78 | 46.01 |
| | | *For Up To 10, Add* | *62.16* | |
| | | *For >10 To 20, Add* | *35.68* | |
| | | *For >20 To 40, Add* | *20.14* | |
| | | *For >75 To 100, Deduct* | *-10.07* | |
| | | *For >100 To 200, Deduct* | *-22.44* | |
| | | *For >200, Deduct* | *-32.51* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *23.01* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *24.12* | |
| 07 54 19 00-0012 | SQ | 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 245.96 | 46.93 |
| | | *For Up To 10, Add* | *67.96* | |
| | | *For >10 To 20, Add* | *38.68* | |
| | | *For >20 To 40, Add* | *21.68* | |
| | | *For >75 To 100, Deduct* | *-10.84* | |
| | | *For >100 To 200, Deduct* | *-24.03* | |
| | | *For >200, Deduct* | *-34.87* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *23.47* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *24.58* | |
| 07 54 19 00-0013 | SQ | 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 258.83 | 47.85 |
| | | *For Up To 10, Add* | *70.91* | |
| | | *For >10 To 20, Add* | *40.24* | |
| | | *For >20 To 40, Add* | *22.51* | |
| | | *For >75 To 100, Deduct* | *-11.26* | |
| | | *For >100 To 200, Deduct* | *-24.91* | |
| | | *For >200, Deduct* | *-36.16* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Colors, Add* | *26.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *37.92* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *23.93* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *25.04* | |

### 07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories *(07 54 19)*

| | | | | |
|---|---|---|---|---|
| 07 54 19 00-0015 | SQ | Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat | 57.76 | |
| | | *For Up To 10, Add* | *14.50* | |
| | | *For >10 To 20, Add* | *7.98* | |
| | | *For >20 To 40, Add* | *4.36* | |
| | | *For >75 To 100, Deduct* | *-2.18* | |
| | | *For >100 To 200, Deduct* | *-4.73* | |
| | | *For >200, Deduct* | *-6.91* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 54 19 00-0016 | SQ | Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat<br>Note: 55% solids by volume. | 59.91 | |
| | | *For Up To 10, Add* | *14.93* | |
| | | *For >10 To 20, Add* | *8.20* | |
| | | *For >20 To 40, Add* | *4.47* | |
| | | *For >75 To 100, Deduct* | *-2.23* | |
| | | *For >100 To 200, Deduct* | *-4.84* | |
| | | *For >200, Deduct* | *-7.07* | |
| 07 54 19 00-0017 | EA | Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band. | 61.22 | 6.26 |
| 07 54 19 00-0018 | EA | >3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band. | 87.10 | 6.99 |
| 07 54 19 00-0019 | EA | >7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band. | 112.18 | 7.73 |
| 07 54 19 00-0020 | EA | 6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket<br>Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer. | 144.06 | 7.73 |
| 07 54 19 00-0021 | LF | 36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad | 23.47 | 4.27 |
| 07 54 19 00-0022 | SF | Polyvinyl Chloride (PVC) Membrane Base Flashing | 6.21 | 1.10 |
| 07 54 19 00-0023 | SF | Polyvinyl Chloride (PVC) Membrane Curb Flashing | 7.31 | 1.66 |
| 07 54 19 00-0024 | SF | Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing<br>Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel. | 8.64 | 1.10 |

## 07 54 23 Thermoplastic-Polyolefin Roofing *(07 54)*

### 07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)*

Note: Includes polyester fabric reinforcement and hot air welding of seams.

| | | | | |
|---|---|---|---|---|
| 07 54 23 00-0002 | SQ | 45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 274.27 | 58.89 |
| | | *For Up To 10, Add* | *78.41* | |
| | | *For >10 To 20, Add* | *45.10* | |
| | | *For >20 To 40, Add* | *25.49* | |
| | | *For >75 To 100, Deduct* | *-12.75* | |
| | | *For >100 To 200, Deduct* | *-28.44* | |
| | | *For >200, Deduct* | *-41.18* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Low VOC Adhesive, Add* | *92.43* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *33.25* | |
| 07 54 23 00-0003 | SQ | 50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 286.65 | 59.81 |
| | | *For Up To 10, Add* | *81.26* | |
| | | *For >10 To 20, Add* | *46.61* | |
| | | *For >20 To 40, Add* | *26.30* | |
| | | *For >75 To 100, Deduct* | *-13.15* | |
| | | *For >100 To 200, Deduct* | *-29.29* | |
| | | *For >200, Deduct* | *-42.43* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low VOC Adhesive, Add* | *92.43* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *33.25* | |
| 07 54 23 00-0004 | SQ | 60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 293.19 | 60.73 |
| | | *For Up To 10, Add* | *82.93* | |
| | | *For >10 To 20, Add* | *47.54* | |
| | | *For >20 To 40, Add* | *26.81* | |
| | | *For >75 To 100, Deduct* | *-13.40* | |
| | | *For >100 To 200, Deduct* | *-29.84* | |
| | | *For >200, Deduct* | *-43.25* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low VOC Adhesive, Add* | *92.43* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *33.25* | |
| 07 54 23 00-0005 | SQ | 80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered<br>Note: Includes adhesive. | 375.15 | 62.57 |
| | | *For Up To 10, Add* | *100.06* | |
| | | *For >10 To 20, Add* | *56.29* | |
| | | *For >20 To 40, Add* | *31.27* | |
| | | *For >75 To 100, Deduct* | *-15.64* | |
| | | *For >100 To 200, Deduct* | *-34.40* | |
| | | *For >200, Deduct* | *-50.04* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Low VOC Adhesive, Add* | *92.43* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *33.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 54 23 00-0006 | SQ | 45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 186.01 | 44.17 |
| | | *For Up To 10, Add* | *54.87* | |
| | | *For >10 To 20, Add* | *31.85* | |
| | | *For >20 To 40, Add* | *18.13* | |
| | | *For >75 To 100, Deduct* | *-9.07* | |
| | | *For >100 To 200, Deduct* | *-20.34* | |
| | | *For >200, Deduct* | *-29.41* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *33.25* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *22.09* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *23.20* | |
| 07 54 23 00-0007 | SQ | 50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 198.39 | 45.09 |
| | | *For Up To 10, Add* | *57.71* | |
| | | *For >10 To 20, Add* | *33.37* | |
| | | *For >20 To 40, Add* | *18.94* | |
| | | *For >75 To 100, Deduct* | *-9.47* | |
| | | *For >100 To 200, Deduct* | *-21.19* | |
| | | *For >200, Deduct* | *-30.66* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *33.25* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *22.55* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *23.66* | |
| 07 54 23 00-0008 | SQ | 60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 204.93 | 46.01 |
| | | *For Up To 10, Add* | *59.39* | |
| | | *For >10 To 20, Add* | *34.30* | |
| | | *For >20 To 40, Add* | *19.45* | |
| | | *For >75 To 100, Deduct* | *-9.72* | |
| | | *For >100 To 200, Deduct* | *-21.75* | |
| | | *For >200, Deduct* | *-31.47* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *33.25* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *23.01* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *24.12* | |
| 07 54 23 00-0009 | SQ | 80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened<br>Note: Includes fasteners. | 286.89 | 47.85 |
| | | *For Up To 10, Add* | *76.52* | |
| | | *For >10 To 20, Add* | *43.05* | |
| | | *For >20 To 40, Add* | *23.92* | |
| | | *For >75 To 100, Deduct* | *-11.96* | |
| | | *For >100 To 200, Deduct* | *-26.31* | |
| | | *For >200, Deduct* | *-38.27* | |
| | | *For 15 Year Warranty, Add* | *3.00* | |
| | | *For 20 Year Warranty, Add* | *7.00* | |
| | | *For 25 Year Warranty, Add* | *9.00* | |
| | | *For Integral Polyester Fleece-Backing, Add* | *33.25* | |
| | | *For Mechanically Fastened To Concrete Decks, Add* | *23.93* | |
| | | *For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add* | *25.04* | |

## 07 54 23 00-0010 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*

| | | | | |
|---|---|---|---|---|
| 07 54 23 00-0011 | SQ | Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat | 69.59 | |
| | | *For Up To 10, Add* | *16.86* | |
| | | *For >10 To 20, Add* | *9.17* | |
| | | *For >20 To 40, Add* | *4.95* | |
| | | *For >75 To 100, Deduct* | *-2.48* | |
| | | *For >100 To 200, Deduct* | *-5.32* | |
| | | *For >200, Deduct* | *-7.80* | |
| 07 54 23 00-0012 | SQ | Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat<br>Note: 55% solids by volume. | 59.91 | |
| | | *For Up To 10, Add* | *14.93* | |
| | | *For >10 To 20, Add* | *8.20* | |
| | | *For >20 To 40, Add* | *4.47* | |
| | | *For >75 To 100, Deduct* | *-2.23* | |
| | | *For >100 To 200, Deduct* | *-4.84* | |
| | | *For >200, Deduct* | *-7.07* | |
| | | *For Tan Or Gray Color, Add* | *2.26* | |
| 07 54 23 00-0013 | EA | Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band. | 52.18 | 6.26 |
| 07 54 23 00-0014 | EA | >3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band. | 56.18 | 6.99 |
| 07 54 23 00-0015 | EA | 6" Diameter, Prefabricated TPO Penetration Pocket<br>Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer. | 106.42 | 7.73 |
| 07 54 23 00-0016 | LF | 30" Wide, TPO Walkway Protection Pad | 23.14 | 4.27 |
| 07 54 23 00-0017 | SF | Thermoplastic Polyolefin Membrane Base Flashing | 6.52 | 1.10 |
| 07 54 23 00-0018 | SF | Thermoplastic Polyolefin Curb Flashing | 5.17 | 1.10 |
| | | *For Tan Or Gray Color, Add* | *0.09* | |
| 07 54 23 00-0019 | SF | Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing<br>Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel. | 9.89 | 1.10 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 07 56 Fluid-Applied Roofing *(07 50)*

### 07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*

| | | | | |
|---|---|---|---|---|
| 07 56 00 00-0002 | SQ | 60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing | 768.66 | 98.28 |
| | | *For Each Additional Coat, Add* | *115.30* | |

### 07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

| | | | | |
|---|---|---|---|---|
| 07 56 00 00-0004 | SQ | 2 Mil Vinyl Liquid Roofing | 776.01 | 103.58 |
| 07 56 00 00-0005 | SQ | 4 Mil Vinyl Liquid Roofing | 868.32 | 115.67 |

### 07 56 00 00-0006 Silicone Elastomeric Liquid Roofing *(07 56)*

| | | | | |
|---|---|---|---|---|
| 07 56 00 00-0007 | SQ | 65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat | 365.95 | 59.36 |
| 07 56 00 00-0008 | SQ | 65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat | 423.47 | 59.36 |
| 07 56 00 00-0009 | SQ | 65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat | 466.74 | 59.36 |

### 07 56 00 00-0010 Elastomeric Asphalt/Urethane Liquid Roofing Membrane *(07 56)*

| | | | | |
|---|---|---|---|---|
| 07 56 00 00-0011 | SQ | 90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane<br>Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat. | 1,522.50 | 59.36 |

### 07 56 00 00-0012 Urethane Liquid Roofing Membrane *(07 56)*

Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.

| | | | | |
|---|---|---|---|---|
| 07 56 00 00-0013 | SQ | Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems | 83.70 | |
| 07 56 00 00-0014 | LF | Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems | 3.67 | |
| 07 56 00 00-0015 | SQ | White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ) | 320.51 | |
| 07 56 00 00-0016 | SQ | White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System | 80.80 | |
| 07 56 00 00-0017 | SQ | White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply | 798.87 | |
| 07 56 00 00-0018 | SQ | White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply | 1,212.95 | |
| 07 56 00 00-0019 | SQ | White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply | 826.66 | |
| 07 56 00 00-0020 | SQ | White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ) | 209.14 | |

## 07 58 Roll Roofing *(07 50)*

### 07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

| | | | | |
|---|---|---|---|---|
| 07 58 00 00-0002 | SQ | Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing | 204.56 | 23.02 |

## 07 59 Membrane Roofing Termination Bar *(07 50)*

### 07 59 00 00-0001 Membrane Roofing Termination Bar *(07 59)*

| | | | | |
|---|---|---|---|---|
| 07 59 00 00-0002 | LF | Membrane Roofing Termination Bar<br>Note: Includes fasteners and caulking. | 3.73 | 1.06 |

# 07 60 Flashing and Sheet Metal *(07)*

## 07 61 Sheet Metal Roofing *(07 60)*

### 07 61 13 Standing Seam Sheet Metal Roofing *(07 61)*

### 07 61 13 00-0001 Standing Seam Concealed Fastener Roofing *(07 61 13)*

### 07 61 13 00-0002 Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 61 13 00-0003 | SF | Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing | 25.51 | 2.96 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.77* | |
| | | *For 140 MPH Wind Load, Add* | *0.98* | |
| | | *For Panels <16" Wide, Add* | *2.37* | |
| | | *For Up To 1,500, Add* | *6.38* | |
| | | *For >1,500 To 5,000, Add* | *3.83* | |
| | | *For >5,000 To 10,000, Add* | *0.64* | |
| 07 61 13 00-0004 | SF | Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing | 27.93 | 3.20 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.92* | |
| | | *For 140 MPH Wind Load, Add* | *1.07* | |
| | | *For Panels <16" Wide, Add* | *2.58* | |
| | | *For Up To 1,500, Add* | *6.98* | |
| | | *For >1,500 To 5,000, Add* | *4.19* | |
| | | *For >5,000 To 10,000, Add* | *0.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 61 13 00-0005 | SF | Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing | 32.81 | 3.48 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.09* | |
| | | *For 140 MPH Wind Load, Add* | *1.21* | |
| | | *For Panels <16" Wide, Add* | *2.93* | |
| | | *For Up To 1,500, Add* | *8.20* | |
| | | *For >1,500 To 5,000, Add* | *4.92* | |
| | | *For >5,000 To 10,000, Add* | *0.82* | |

### 07 61 13 00-0006 Zinc/Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 61 13 00-0007 | SF | 0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing | 29.74 | 3.20 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.92* | |
| | | *For 140 MPH Wind Load, Add* | *1.11* | |
| | | *For Panels <16" Wide, Add* | *2.67* | |
| | | *For Up To 1,500, Add* | *7.44* | |
| | | *For >1,500 To 5,000, Add* | *4.46* | |
| | | *For >5,000 To 10,000, Add* | *0.74* | |
| | | *For Tin/Copper, Deduct* | *-0.47* | |
| 07 61 13 00-0008 | SF | 0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing | 35.85 | 3.33 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.00* | |
| | | *For 140 MPH Wind Load, Add* | *1.25* | |
| | | *For Panels <16" Wide, Add* | *3.02* | |
| | | *For Up To 1,500, Add* | *8.96* | |
| | | *For >1,500 To 5,000, Add* | *5.38* | |
| | | *For >5,000 To 10,000, Add* | *0.90* | |
| | | *For Tin/Copper, Deduct* | *-0.58* | |
| 07 61 13 00-0009 | SF | 0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing | 40.66 | 3.48 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.09* | |
| | | *For 140 MPH Wind Load, Add* | *1.37* | |
| | | *For Panels <16" Wide, Add* | *3.32* | |
| | | *For Up To 1,500, Add* | *10.17* | |
| | | *For >1,500 To 5,000, Add* | *6.10* | |
| | | *For >5,000 To 10,000, Add* | *1.02* | |
| | | *For Tin/Copper, Deduct* | *-0.67* | |
| 07 61 13 00-0010 | SF | 0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing | 50.75 | 3.65 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.19* | |
| | | *For 140 MPH Wind Load, Add* | *1.60* | |
| | | *For Panels <16" Wide, Add* | *3.89* | |
| | | *For Up To 1,500, Add* | *12.69* | |
| | | *For >1,500 To 5,000, Add* | *7.61* | |
| | | *For >5,000 To 10,000, Add* | *1.27* | |
| | | *For Tin/Copper, Deduct* | *-0.87* | |

### 07 61 13 00-0011 Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 61 13 00-0012 | LF | Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing | 105.61 | 6.09 |
| | | *For Steep Roof, Over 6 To 12, Add* | *4.57* | |
| | | *For 140 MPH Wind Load, Add* | *3.33* | |
| 07 61 13 00-0013 | LF | Eave Flashing For Copper Standing Seam Concealed Fastener Roofing | 61.85 | 6.09 |
| | | *For Steep Roof, Over 6 To 12, Add* | *4.57* | |
| | | *For 140 MPH Wind Load, Add* | *2.46* | |
| 07 61 13 00-0014 | LF | Valley Flashing For Copper Standing Seam Concealed Fastener Roofing | 146.99 | 6.09 |
| | | *For Steep Roof, Over 6 To 12, Add* | *4.57* | |
| | | *For 140 MPH Wind Load, Add* | *4.16* | |
| 07 61 13 00-0015 | LF | Hip Flashing For Copper Standing Seam Concealed Fastener Roofing | 108.88 | 6.09 |
| | | *For Steep Roof, Over 6 To 12, Add* | *4.57* | |
| | | *For 140 MPH Wind Load, Add* | *3.40* | |

## 07 61 16 Batten Seam Sheet Metal Roofing *(07 61)*

### 07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing *(07 61 16)*

### 07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 61 16 00-0003 | SF | 16 Ounce Copper Batten Seam Concealed Fastener Roofing | 31.38 | 3.48 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.09* | |
| | | *For 140 MPH Wind Load, Add* | *1.19* | |
| | | *For Panels <16" Wide, Add* | *2.86* | |
| | | *For Up To 1,500, Add* | *7.85* | |
| | | *For >1,500 To 5,000, Add* | *4.71* | |
| | | *For >5,000 To 10,000, Add* | *0.78* | |
| 07 61 16 00-0004 | SF | 18 Ounce Copper Batten Seam Concealed Fastener Roofing | 34.60 | 3.66 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.20* | |
| | | *For 140 MPH Wind Load, Add* | *1.28* | |
| | | *For Panels <16" Wide, Add* | *3.08* | |
| | | *For Up To 1,500, Add* | *8.65* | |
| | | *For >1,500 To 5,000, Add* | *5.19* | |
| | | *For >5,000 To 10,000, Add* | *0.87* | |
| 07 61 16 00-0005 | SF | 20 Ounce Copper Batten Seam Concealed Fastener Roofing | 40.20 | 3.84 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.30* | |
| | | *For 140 MPH Wind Load, Add* | *1.42* | |
| | | *For Panels <16" Wide, Add* | *3.43* | |
| | | *For Up To 1,500, Add* | *10.05* | |
| | | *For >1,500 To 5,000, Add* | *6.03* | |
| | | *For >5,000 To 10,000, Add* | *1.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 61 16 00-0006 | | Zinc/Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)* | | |
| 07 61 16 00-0007 | SF | 0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing | 31.75 | 3.20 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.92* | |
| | | *For 140 MPH Wind Load, Add* | *1.15* | |
| | | *For Panels <16" Wide, Add* | *2.77* | |
| | | *For Up To 1,500, Add* | *7.94* | |
| | | *For >1,500 To 5,000, Add* | *4.76* | |
| | | *For >5,000 To 10,000, Add* | *0.79* | |
| | | *For Tin/Copper, Deduct* | *-0.51* | |
| 07 61 16 00-0008 | SF | 0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing | 38.72 | 3.33 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.00* | |
| | | *For 140 MPH Wind Load, Add* | *1.31* | |
| | | *For Panels <16" Wide, Add* | *3.17* | |
| | | *For Up To 1,500, Add* | *9.68* | |
| | | *For >1,500 To 5,000, Add* | *5.81* | |
| | | *For >5,000 To 10,000, Add* | *0.97* | |
| | | *For Tin/Copper, Deduct* | *-0.64* | |
| 07 61 16 00-0009 | SF | 0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing | 43.34 | 3.48 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.09* | |
| | | *For 140 MPH Wind Load, Add* | *1.42* | |
| | | *For Panels <16" Wide, Add* | *3.46* | |
| | | *For Up To 1,500, Add* | *10.84* | |
| | | *For >1,500 To 5,000, Add* | *6.50* | |
| | | *For >5,000 To 10,000, Add* | *1.08* | |
| | | *For Tin/Copper, Deduct* | *-0.73* | |
| 07 61 16 00-0010 | SF | 0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing | 54.20 | 3.65 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.19* | |
| | | *For 140 MPH Wind Load, Add* | *1.67* | |
| | | *For Panels <16" Wide, Add* | *4.06* | |
| | | *For Up To 1,500, Add* | *13.55* | |
| | | *For >1,500 To 5,000, Add* | *8.13* | |
| | | *For >5,000 To 10,000, Add* | *1.36* | |
| | | *For Tin/Copper, Deduct* | *-0.94* | |

## 07 61 19 Flat Seam Sheet Metal Roofing *(07 61)*

| | | | | |
|---|---|---|---|---|
| 07 61 19 00-0001 | | Copper Flat Seam Concealed Fastener Roofing *(07 61 19)* | | |
| 07 61 19 00-0002 | | Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)* | | |
| 07 61 19 00-0003 | SF | 16 Ounce Copper Flat Seam Concealed Fastener Roofing | 24.38 | 3.20 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.92* | |
| | | *For 140 MPH Wind Load, Add* | *1.00* | |
| | | *For Panels <16" Wide, Add* | *2.40* | |
| | | *For Up To 1,500, Add* | *6.10* | |
| | | *For >1,500 To 5,000, Add* | *3.66* | |
| | | *For >5,000 To 10,000, Add* | *0.61* | |
| 07 61 19 00-0004 | SF | 18 Ounce Copper Flat Seam Concealed Fastener Roofing | 26.76 | 3.33 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.00* | |
| | | *For 140 MPH Wind Load, Add* | *1.07* | |
| | | *For Panels <16" Wide, Add* | *2.57* | |
| | | *For Up To 1,500, Add* | *6.69* | |
| | | *For >1,500 To 5,000, Add* | *4.01* | |
| | | *For >5,000 To 10,000, Add* | *0.67* | |
| 07 61 19 00-0005 | SF | 20 Ounce Copper Flat Seam Concealed Fastener Roofing | 30.90 | 3.48 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.09* | |
| | | *For 140 MPH Wind Load, Add* | *1.18* | |
| | | *For Panels <16" Wide, Add* | *2.83* | |
| | | *For Up To 1,500, Add* | *7.73* | |
| | | *For >1,500 To 5,000, Add* | *4.64* | |
| | | *For >5,000 To 10,000, Add* | *0.77* | |
| 07 61 19 00-0006 | | Zinc/Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)* | | |
| 07 61 19 00-0007 | SF | 0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing | 27.93 | 3.20 |
| | | *For Steep Roof, Over 6 To 12, Add* | *1.92* | |
| | | *For 140 MPH Wind Load, Add* | *1.07* | |
| | | *For Panels <16" Wide, Add* | *2.58* | |
| | | *For Up To 1,500, Add* | *6.98* | |
| | | *For >1,500 To 5,000, Add* | *4.19* | |
| | | *For >5,000 To 10,000, Add* | *0.70* | |
| | | *For Tin/Copper, Deduct* | *-0.43* | |
| 07 61 19 00-0008 | SF | 0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing | 33.94 | 3.33 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.00* | |
| | | *For 140 MPH Wind Load, Add* | *1.21* | |
| | | *For Panels <16" Wide, Add* | *2.93* | |
| | | *For Up To 1,500, Add* | *8.49* | |
| | | *For >1,500 To 5,000, Add* | *5.09* | |
| | | *For >5,000 To 10,000, Add* | *0.85* | |
| | | *For Tin/Copper, Deduct* | *-0.55* | |
| 07 61 19 00-0009 | SF | 0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing | 38.08 | 3.48 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.09* | |
| | | *For 140 MPH Wind Load, Add* | *1.32* | |
| | | *For Panels <16" Wide, Add* | *3.19* | |
| | | *For Up To 1,500, Add* | *9.52* | |
| | | *For >1,500 To 5,000, Add* | *5.71* | |
| | | *For >5,000 To 10,000, Add* | *0.95* | |
| | | *For Tin/Copper, Deduct* | *-0.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 61 19 00-0010 | SF | 0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing | 47.50 | 3.65 |
| | | *For Steep Roof, Over 6 To 12, Add* | *2.19* | |
| | | *For 140 MPH Wind Load, Add* | *1.53* | |
| | | *For Panels <16" Wide, Add* | *3.73* | |
| | | *For Up To 1,500, Add* | *11.88* | |
| | | *For >1,500 To 5,000, Add* | *7.13* | |
| | | *For >5,000 To 10,000, Add* | *1.19* | |
| | | *For Tin/Copper, Deduct* | *-0.80* | |

## 07 62 Sheet Metal Flashing and Trim *(07 60)*

### 07 62 13 Fabricated Copings *(07 62)*

#### 07 62 13 00-0001 Lead Flashing And Trim *(07 62 13)*

| | | | | |
|---|---|---|---|---|
| 07 62 13 00-0002 | SF | 2.5 LB/SF Sheet Lead Flashing | 20.73 | 5.01 |
| | | *For Up To 100, Add* | *5.18* | |
| 07 62 13 00-0003 | SF | 4 LB/SF Sheet Lead Flashing | 27.10 | 5.01 |
| | | *For Up To 100, Add* | *6.78* | |

#### 07 62 13 00-0004 Copper Flashing And Trim *(07 62 13)*

#### 07 62 13 00-0005 Copper Flashing And Trim *(07 62 13 00-0004)*

| | | | | |
|---|---|---|---|---|
| 07 62 13 00-0006 | SF | 16 Ounce, 0.021" Thick, Copper Flashing And Trim | 27.16 | 4.89 |
| | | *For Up To 100, Add* | *6.79* | |
| | | *For >500 To 2,000, Deduct* | *-3.72* | |
| | | *For >2,000, Deduct* | *-4.60* | |
| | | *For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add* | *1.93* | |
| | | *For Wrap Around Window Panning, Add* | *9.67* | |
| 07 62 13 00-0007 | SF | 20 Ounce, 0.027" Thick, Copper Flashing And Trim | 28.02 | 5.01 |
| | | *For Up To 100, Add* | *7.01* | |
| | | *For >500 To 2,000, Deduct* | *-3.84* | |
| | | *For >2,000, Deduct* | *-4.74* | |
| | | *For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add* | *2.02* | |
| | | *For Wrap Around Window Panning, Add* | *10.10* | |
| 07 62 13 00-0008 | SF | 24 Ounce, 0.032" Thick, Copper Flashing And Trim | 32.10 | 5.34 |
| | | *For Up To 100, Add* | *8.03* | |
| | | *For >500 To 2,000, Deduct* | *-4.38* | |
| | | *For >2,000, Deduct* | *-5.46* | |
| | | *For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add* | *2.12* | |
| | | *For Wrap Around Window Panning, Add* | *10.59* | |
| 07 62 13 00-0009 | SF | 32 Ounce, 0.043" Thick, Copper Flashing And Trim | 39.80 | 5.56 |
| | | *For Up To 100, Add* | *9.95* | |
| | | *For >500 To 2,000, Deduct* | *-5.40* | |
| | | *For >2,000, Deduct* | *-6.83* | |
| | | *For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add* | *2.22* | |
| | | *For Wrap Around Window Panning, Add* | *11.12* | |

#### 07 62 13 00-0010 Stainless Steel Flashing And Trim *(07 62 13)*

#### 07 62 13 00-0011 Stainless Steel Flashing And Trim *(07 62 13 00-0010)*

| | | | | |
|---|---|---|---|---|
| 07 62 13 00-0012 | SF | 32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim | 10.44 | 2.67 |
| | | *For Up To 100, Add* | *2.61* | |
| | | *For Wrap Around Window Panning, Add* | *6.86* | |
| | | *For Mechanically Keyed Flashing, Add* | *1.43* | |
| 07 62 13 00-0013 | SF | 30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim | 11.44 | 3.00 |
| | | *For Up To 100, Add* | *2.86* | |
| | | *For Wrap Around Window Panning, Add* | *6.97* | |
| | | *For Mechanically Keyed Flashing, Add* | *1.79* | |
| 07 62 13 00-0014 | SF | 28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim | 12.45 | 3.33 |
| | | *For Up To 100, Add* | *3.11* | |
| | | *For Wrap Around Window Panning, Add* | *7.09* | |
| | | *For Mechanically Keyed Flashing, Add* | *2.14* | |
| 07 62 13 00-0015 | SF | 26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim | 14.02 | 3.67 |
| | | *For Up To 100, Add* | *3.51* | |
| | | *For Wrap Around Window Panning, Add* | *7.31* | |
| | | *For Mechanically Keyed Flashing, Add* | *2.68* | |
| 07 62 13 00-0016 | SF | 24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim | 16.67 | 3.89 |
| | | *For Up To 100, Add* | *4.17* | |
| | | *For Wrap Around Window Panning, Add* | *7.73* | |
| | | *For Mechanically Keyed Flashing, Add* | *3.58* | |
| 07 62 13 00-0017 | SF | 22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim | 18.26 | 4.09 |
| | | *For Up To 100, Add* | *4.57* | |
| | | *For Wrap Around Window Panning, Add* | *8.17* | |
| | | *For Mechanically Keyed Flashing, Add* | *4.04* | |
| 07 62 13 00-0018 | SF | 20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim | 19.58 | 4.33 |
| | | *For Up To 100, Add* | *4.90* | |
| | | *For Wrap Around Window Panning, Add* | *8.65* | |
| | | *For Mechanically Keyed Flashing, Add* | *4.37* | |

#### 07 62 13 00-0019 Aluminum Flashing And Trim *(07 62 13)*

#### 07 62 13 00-0020 Aluminum Flashing And Trim *(07 62 13 00-0019)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 62 13 00-0021 | SF | 0.013" Thick, Mill Finish, Aluminum Flashing And Trim | 10.63 | 3.44 |
| | | *For Up To 100, Add* | *2.66* | |
| | | *For Baked Aluminum Colors, Add* | *0.30* | |
| | | *For Wrap Around Window Panning, Add* | *7.66* | |
| 07 62 13 00-0022 | SF | 0.016" Thick, Mill Finish, Aluminum Flashing And Trim | 11.28 | 3.44 |
| | | *For Up To 100, Add* | *2.82* | |
| | | *For Baked Aluminum Colors, Add* | *0.36* | |
| | | *For Wrap Around Window Panning, Add* | *7.66* | |
| 07 62 13 00-0023 | SF | 0.019" Thick, Mill Finish, Aluminum Flashing And Trim | 11.80 | 3.44 |
| | | *For Up To 100, Add* | *2.95* | |
| | | *For Baked Aluminum Colors, Add* | *0.41* | |
| | | *For Wrap Around Window Panning, Add* | *7.66* | |
| 07 62 13 00-0024 | SF | 0.024" Thick, Mill Finish, Aluminum Flashing And Trim | 12.54 | 3.44 |
| | | *For Up To 100, Add* | *3.14* | |
| | | *For Baked Aluminum Colors, Add* | *0.49* | |
| | | *For Wrap Around Window Panning, Add* | *7.66* | |
| 07 62 13 00-0025 | SF | 0.032" Thick, Mill Finish, Aluminum Flashing And Trim | 13.58 | 3.44 |
| | | *For Up To 100, Add* | *3.40* | |
| | | *For Baked Aluminum Colors, Add* | *0.59* | |
| | | *For Wrap Around Window Panning, Add* | *7.66* | |
| 07 62 13 00-0026 | SF | 0.040" Thick, Mill Finish, Aluminum Flashing And Trim | 14.22 | 3.44 |
| | | *For Up To 100, Add* | *3.56* | |
| | | *For Baked Aluminum Colors, Add* | *0.66* | |
| | | *For Wrap Around Window Panning, Add* | *7.66* | |
| 07 62 13 00-0027 | SF | 0.050" Thick, Mill Finish, Aluminum Flashing And Trim | 14.74 | 3.44 |
| | | *For Up To 100, Add* | *3.69* | |
| | | *For Baked Aluminum Colors, Add* | *0.71* | |
| | | *For Wrap Around Window Panning, Add* | *7.66* | |

07 62 13 00-0028 Steel Flashing And Trim *(07 62 13)*

07 62 13 00-0029 Galvanized Steel Flashing And Trim *(07 62 13 00-0028)*

| | | | | |
|---|---|---|---|---|
| 07 62 13 00-0030 | SF | 28 Gauge, 0.019" Thick, Galvanized Steel Flashing | 12.48 | 3.33 |
| | | *For Up To 100, Add* | *3.12* | |
| | | *For Wrap Around Window Panning, Add* | *7.09* | |
| 07 62 13 00-0031 | SF | 26 Gauge, 0.022" Thick, Galvanized Steel Flashing | 13.00 | 3.67 |
| | | *For Up To 100, Add* | *3.25* | |
| | | *For Wrap Around Window Panning, Add* | *7.31* | |
| 07 62 13 00-0032 | SF | 24 Gauge, 0.028" Thick, Galvanized Steel Flashing | 13.87 | 3.89 |
| | | *For Up To 100, Add* | *3.47* | |
| | | *For Wrap Around Window Panning, Add* | *7.73* | |
| 07 62 13 00-0033 | SF | 22 Gauge, 0.034" Thick, Galvanized Steel Flashing | 14.76 | 4.09 |
| | | *For Up To 100, Add* | *3.69* | |
| | | *For Wrap Around Window Panning, Add* | *8.17* | |
| 07 62 13 00-0034 | SF | 20 Gauge, 0.04" Thick, Galvanized Steel Flashing | 16.01 | 4.33 |
| | | *For Up To 100, Add* | *4.00* | |
| | | *For Wrap Around Window Panning, Add* | *8.65* | |

## 07 62 19 Fabricated Gravel Stops and Fasciae *(07 62)*

07 62 19 00-0001 Drip Edge *(07 62 19)*

07 62 19 00-0002 Aluminum Drip Edge *(07 62 19 00-0001)*
Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.

07 62 19 00-0003 KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*

07 62 19 00-0004 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*

| | | | | |
|---|---|---|---|---|
| 07 62 19 00-0005 | LF | Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 9.60 | 1.15 |
| 07 62 19 00-0006 | LF | >5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 12.12 | 1.23 |
| 07 62 19 00-0007 | LF | >7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 13.74 | 1.38 |
| 07 62 19 00-0008 | LF | >9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 16.68 | 1.46 |
| 07 62 19 00-0009 | LF | >12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 21.58 | 1.54 |

07 62 19 00-0010 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*

| | | | | |
|---|---|---|---|---|
| 07 62 19 00-0011 | LF | Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 10.34 | 1.15 |
| 07 62 19 00-0012 | LF | >5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 12.94 | 1.23 |
| 07 62 19 00-0013 | LF | >7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 14.97 | 1.38 |
| 07 62 19 00-0014 | LF | >9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 18.16 | 1.46 |
| 07 62 19 00-0015 | LF | >12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 22.98 | 1.54 |

07 62 19 00-0016 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*

| | | | | |
|---|---|---|---|---|
| 07 62 19 00-0017 | LF | Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 11.08 | 1.15 |
| 07 62 19 00-0018 | LF | >5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 13.93 | 1.23 |
| 07 62 19 00-0019 | LF | >7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 16.15 | 1.38 |
| 07 62 19 00-0020 | LF | >9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 19.63 | 1.46 |
| 07 62 19 00-0021 | LF | >12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 24.95 | 1.54 |

07 62 19 00-0022 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*

| | | | | |
|---|---|---|---|---|
| 07 62 19 00-0023 | LF | Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 12.55 | 1.15 |
| 07 62 19 00-0024 | LF | >5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 15.90 | 1.23 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 62 19 00-0025 | LF | >7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 18.49 | 1.38 |
| 07 62 19 00-0026 | LF | >9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 22.58 | 1.46 |
| 07 62 19 00-0027 | LF | >12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 28.88 | 1.54 |
| 07 62 19 00-0028 | | 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)* | | |
| 07 62 19 00-0029 | LF | Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 13.04 | 1.15 |
| 07 62 19 00-0030 | LF | >5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 16.63 | 1.23 |
| 07 62 19 00-0031 | LF | >7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 19.27 | 1.38 |
| 07 62 19 00-0032 | LF | >9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 23.57 | 1.46 |
| 07 62 19 00-0033 | LF | >12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 30.19 | 1.54 |
| 07 62 19 00-0034 | | 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)* | | |
| 07 62 19 00-0035 | LF | Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 14.77 | 1.15 |
| 07 62 19 00-0036 | LF | >5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 18.85 | 1.23 |
| 07 62 19 00-0037 | LF | >7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 21.98 | 1.38 |
| 07 62 19 00-0038 | LF | >9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 27.01 | 1.46 |
| 07 62 19 00-0039 | LF | >12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 34.79 | 1.54 |
| 07 62 19 00-0040 | | 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)* | | |
| 07 62 19 00-0041 | LF | Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 17.23 | 1.15 |
| 07 62 19 00-0042 | LF | >5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 22.13 | 1.23 |
| 07 62 19 00-0043 | LF | >7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 25.87 | 1.38 |
| 07 62 19 00-0044 | LF | >9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 31.93 | 1.46 |
| 07 62 19 00-0045 | LF | >12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 41.35 | 1.54 |
| 07 62 19 00-0046 | | 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)* | | |
| 07 62 19 00-0047 | LF | Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 20.18 | 1.15 |
| 07 62 19 00-0048 | LF | >5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 26.06 | 1.23 |
| 07 62 19 00-0049 | LF | >7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 30.55 | 1.38 |
| 07 62 19 00-0050 | LF | >9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 37.84 | 1.46 |
| 07 62 19 00-0051 | LF | >12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge | 49.22 | 1.54 |
| 07 62 19 00-0052 | | Mill Finish, Aluminum Drip Edge *(07 62 19 00-0002)* | | |
| 07 62 19 00-0053 | | 0.016" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)* | | |
| 07 62 19 00-0054 | LF | Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge | 7.69 | 1.15 |
| 07 62 19 00-0055 | LF | >5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge | 9.53 | 1.23 |
| 07 62 19 00-0056 | LF | >7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge | 10.73 | 1.38 |
| 07 62 19 00-0057 | LF | >9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge | 12.86 | 1.46 |
| 07 62 19 00-0058 | LF | >12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge | 16.32 | 1.54 |
| 07 62 19 00-0059 | | 0.019" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)* | | |
| 07 62 19 00-0060 | LF | Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge | 8.20 | 1.15 |
| 07 62 19 00-0061 | LF | >5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge | 10.09 | 1.23 |
| 07 62 19 00-0062 | LF | >7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge | 11.58 | 1.38 |
| 07 62 19 00-0063 | LF | >9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge | 13.88 | 1.46 |
| 07 62 19 00-0064 | LF | >12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge | 17.28 | 1.54 |
| 07 62 19 00-0065 | | 0.025" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)* | | |
| 07 62 19 00-0066 | LF | Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge | 8.71 | 1.15 |
| 07 62 19 00-0067 | LF | >5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge | 10.77 | 1.23 |
| 07 62 19 00-0068 | LF | >7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge | 12.40 | 1.38 |
| 07 62 19 00-0069 | LF | >9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge | 14.90 | 1.46 |
| 07 62 19 00-0070 | LF | >12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge | 18.63 | 1.54 |
| 07 62 19 00-0071 | | 0.032" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)* | | |
| 07 62 19 00-0072 | LF | Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge | 9.73 | 1.15 |
| 07 62 19 00-0073 | LF | >5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge | 12.13 | 1.23 |
| 07 62 19 00-0074 | LF | >7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge | 14.01 | 1.38 |
| 07 62 19 00-0075 | LF | >9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge | 16.93 | 1.46 |
| 07 62 19 00-0076 | LF | >12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge | 21.35 | 1.54 |
| 07 62 19 00-0077 | | 0.040" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)* | | |
| 07 62 19 00-0078 | LF | Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge | 10.07 | 1.15 |
| 07 62 19 00-0079 | LF | >5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge | 12.64 | 1.23 |
| 07 62 19 00-0080 | LF | >7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge | 14.55 | 1.38 |
| 07 62 19 00-0081 | LF | >9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge | 17.61 | 1.46 |
| 07 62 19 00-0082 | LF | >12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge | 22.25 | 1.54 |
| 07 62 19 00-0083 | | 0.050" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)* | | |
| 07 62 19 00-0084 | LF | Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge | 11.25 | 1.15 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 62 19 00-0085 | LF | >5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge | 14.17 | 1.23 |
| 07 62 19 00-0086 | LF | >7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge | 16.42 | 1.38 |
| 07 62 19 00-0087 | LF | >9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge | 19.99 | 1.46 |
| 07 62 19 00-0088 | LF | >12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge | 25.42 | 1.54 |
| 07 62 19 00-0089 | | 0.063" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)* | | |
| 07 62 19 00-0090 | LF | Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge | 12.95 | 1.15 |
| 07 62 19 00-0091 | LF | >5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge | 16.43 | 1.23 |
| 07 62 19 00-0092 | LF | >7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge | 19.10 | 1.38 |
| 07 62 19 00-0093 | LF | >9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge | 23.38 | 1.46 |
| 07 62 19 00-0094 | LF | >12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge | 29.94 | 1.54 |
| 07 62 19 00-0095 | | 0.080" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)* | | |
| 07 62 19 00-0096 | LF | Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge | 14.99 | 1.15 |
| 07 62 19 00-0097 | LF | >5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge | 19.14 | 1.23 |
| 07 62 19 00-0098 | LF | >7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge | 22.33 | 1.38 |
| 07 62 19 00-0099 | LF | >9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge | 27.45 | 1.46 |
| 07 62 19 00-0100 | LF | >12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge | 35.37 | 1.54 |
| 07 62 19 00-0101 | | Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0002)* | | |
| 07 62 19 00-0102 | | 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)* | | |
| 07 62 19 00-0103 | LF | Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge | 9.97 | 1.15 |
| 07 62 19 00-0104 | LF | >5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge | 12.63 | 1.23 |
| 07 62 19 00-0105 | LF | >7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge | 14.32 | 1.38 |
| 07 62 19 00-0106 | LF | >9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge | 17.42 | 1.46 |
| 07 62 19 00-0107 | LF | >12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge | 22.60 | 1.54 |
| 07 62 19 00-0108 | | 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)* | | |
| 07 62 19 00-0109 | LF | Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge | 10.75 | 1.15 |
| 07 62 19 00-0110 | LF | >5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge | 13.49 | 1.23 |
| 07 62 19 00-0111 | LF | >7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge | 15.62 | 1.38 |
| 07 62 19 00-0112 | LF | >9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge | 18.98 | 1.46 |
| 07 62 19 00-0113 | LF | >12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge | 24.08 | 1.54 |
| 07 62 19 00-0114 | | 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)* | | |
| 07 62 19 00-0115 | LF | Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge | 11.53 | 1.15 |
| 07 62 19 00-0116 | LF | >5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge | 14.54 | 1.23 |
| 07 62 19 00-0117 | LF | >7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge | 16.88 | 1.38 |
| 07 62 19 00-0118 | LF | >9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge | 20.55 | 1.46 |
| 07 62 19 00-0119 | LF | >12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge | 26.17 | 1.54 |
| 07 62 19 00-0120 | | 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)* | | |
| 07 62 19 00-0121 | LF | Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge | 13.10 | 1.15 |
| 07 62 19 00-0122 | LF | >5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge | 16.62 | 1.23 |
| 07 62 19 00-0123 | LF | >7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge | 19.36 | 1.38 |
| 07 62 19 00-0124 | LF | >9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge | 23.68 | 1.46 |
| 07 62 19 00-0125 | LF | >12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge | 30.34 | 1.54 |
| 07 62 19 00-0126 | | 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)* | | |
| 07 62 19 00-0127 | LF | Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge | 13.62 | 1.15 |
| 07 62 19 00-0128 | LF | >5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge | 17.41 | 1.23 |
| 07 62 19 00-0129 | LF | >7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge | 20.18 | 1.38 |
| 07 62 19 00-0130 | LF | >9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge | 24.72 | 1.46 |
| 07 62 19 00-0131 | LF | >12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge | 31.73 | 1.54 |
| 07 62 19 00-0132 | | 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)* | | |
| 07 62 19 00-0133 | LF | Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge | 15.44 | 1.15 |
| 07 62 19 00-0134 | LF | >5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge | 19.75 | 1.23 |
| 07 62 19 00-0135 | LF | >7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge | 23.05 | 1.38 |
| 07 62 19 00-0136 | LF | >9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge | 28.37 | 1.46 |
| 07 62 19 00-0137 | LF | >12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge | 36.60 | 1.54 |
| 07 62 19 00-0138 | | 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)* | | |
| 07 62 19 00-0139 | LF | Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge | 18.05 | 1.15 |
| 07 62 19 00-0140 | LF | >5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge | 23.23 | 1.23 |
| 07 62 19 00-0141 | LF | >7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge | 27.18 | 1.38 |
| 07 62 19 00-0142 | LF | >9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge | 33.58 | 1.46 |
| 07 62 19 00-0143 | LF | >12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge | 43.55 | 1.54 |
| 07 62 19 00-0144 | | 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)* | | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 62 19 00-0145 | LF | Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge | 21.18 | 1.15 |
| 07 62 19 00-0146 | LF | >5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge | 27.40 | 1.23 |
| 07 62 19 00-0147 | LF | >7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge | 32.13 | 1.38 |
| 07 62 19 00-0148 | LF | >9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge | 39.84 | 1.46 |
| 07 62 19 00-0149 | LF | >12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge | 51.89 | 1.54 |
| 07 62 19 00-0150 | | Galvanized Steel Drip Edge *(07 62 19 00-0001)* | | |
| | | Note: Girth (stretch-out) equals the total (flattened) width of the drip edge. | | |
| 07 62 19 00-0151 | | Galvanized Steel Drip Edge *(07 62 19 00-0150)* | | |
| 07 62 19 00-0152 | | 26 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)* | | |
| 07 62 19 00-0153 | LF | Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge | 9.10 | 1.15 |
| 07 62 19 00-0154 | LF | >5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge | 11.35 | 1.23 |
| 07 62 19 00-0155 | LF | >7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge | 13.02 | 1.38 |
| 07 62 19 00-0156 | LF | >9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge | 15.69 | 1.46 |
| 07 62 19 00-0157 | LF | >12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge | 19.69 | 1.54 |
| 07 62 19 00-0158 | | 24 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)* | | |
| 07 62 19 00-0159 | LF | Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge | 9.96 | 1.15 |
| 07 62 19 00-0160 | LF | >5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge | 12.49 | 1.23 |
| 07 62 19 00-0161 | LF | >7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge | 14.37 | 1.38 |
| 07 62 19 00-0162 | LF | >9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge | 17.39 | 1.46 |
| 07 62 19 00-0163 | LF | >12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge | 21.94 | 1.54 |
| 07 62 19 00-0164 | | KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0150)* | | |
| 07 62 19 00-0165 | | 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)* | | |
| 07 62 19 00-0166 | LF | Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 11.65 | 1.15 |
| 07 62 19 00-0167 | LF | >5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 14.76 | 1.23 |
| 07 62 19 00-0168 | LF | >7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 17.06 | 1.38 |
| 07 62 19 00-0169 | LF | >9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 20.78 | 1.46 |
| 07 62 19 00-0170 | LF | >12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 26.47 | 1.54 |
| 07 62 19 00-0171 | | 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)* | | |
| 07 62 19 00-0172 | LF | Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 12.88 | 1.15 |
| 07 62 19 00-0173 | LF | >5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 16.41 | 1.23 |
| 07 62 19 00-0174 | LF | >7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 19.01 | 1.38 |
| 07 62 19 00-0175 | LF | >9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 23.24 | 1.46 |
| 07 62 19 00-0176 | LF | >12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge | 29.75 | 1.54 |
| 07 62 19 00-0177 | | Stainless Steel Drip Edge *(07 62 19 00-0001)* | | |
| | | Note: Girth (stretch-out) equals the total (flattened) width of the drip edge. | | |
| 07 62 19 00-0178 | | 26 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)* | | |
| 07 62 19 00-0179 | LF | Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge | 16.35 | 1.15 |
| 07 62 19 00-0180 | LF | >5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge | 20.96 | 1.23 |
| 07 62 19 00-0181 | LF | >7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge | 24.49 | 1.38 |
| 07 62 19 00-0182 | LF | >9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge | 30.18 | 1.46 |
| 07 62 19 00-0183 | LF | >12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge | 39.01 | 1.54 |
| 07 62 19 00-0184 | | 24 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)* | | |
| 07 62 19 00-0185 | LF | Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge | 20.41 | 1.15 |
| 07 62 19 00-0186 | LF | >5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge | 26.38 | 1.23 |
| 07 62 19 00-0187 | LF | >7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge | 30.94 | 1.38 |
| 07 62 19 00-0188 | LF | >9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge | 38.30 | 1.46 |
| 07 62 19 00-0189 | LF | >12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge | 49.84 | 1.54 |
| 07 62 19 00-0190 | | 22 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)* | | |
| 07 62 19 00-0191 | LF | Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge | 25.19 | 1.15 |
| 07 62 19 00-0192 | LF | >5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge | 32.75 | 1.23 |
| 07 62 19 00-0193 | LF | >7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge | 38.50 | 1.38 |
| 07 62 19 00-0194 | LF | >9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge | 47.86 | 1.46 |
| 07 62 19 00-0195 | LF | >12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge | 62.58 | 1.54 |

## 07 63 Sheet Metal Roofing Specialties *(07 60)*

| | | | |
|---|---|---|---|
| 07 63 00 00-0001 | | Pitch Pockets *(07 63)* | |
| | | Note: Cut into deck, filled with non-shrink grout, includes blocking. | |
| 07 63 00 00-0002 | | 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)* | |
| 07 63 00 00-0003 | EA | 4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 90.34 |
| | | *For Pourable Sealer Filled, Add* | *34.32* |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *17.17* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 63 00 00-0004 | EA | 6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 108.94 | |
| | | *For Pourable Sealer Filled, Add* | *77.26* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *38.73* | |
| 07 63 00 00-0005 | EA | 8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 132.24 | |
| | | *For Pourable Sealer Filled, Add* | *137.27* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *68.48* | |
| 07 63 00 00-0006 | EA | 8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 144.50 | |
| | | *For Pourable Sealer Filled, Add* | *171.59* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *86.08* | |
| 07 63 00 00-0007 | EA | 8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 156.22 | |
| | | *For Pourable Sealer Filled, Add* | *205.91* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *102.97* | |
| 07 63 00 00-0008 | SF | 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 182.28 | |
| | | *For Pourable Sealer Filled, Add* | *308.86* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *153.48* | |

### 07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 63 00 00-0010 | EA | 4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 103.32 | |
| | | *For Pourable Sealer Filled, Add* | *34.32* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *17.17* | |
| 07 63 00 00-0011 | EA | 6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 123.58 | |
| | | *For Pourable Sealer Filled, Add* | *77.26* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *38.73* | |
| 07 63 00 00-0012 | EA | 8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 149.97 | |
| | | *For Pourable Sealer Filled, Add* | *137.27* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *68.48* | |
| 07 63 00 00-0013 | EA | 8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 165.63 | |
| | | *For Pourable Sealer Filled, Add* | *171.59* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *86.08* | |
| 07 63 00 00-0014 | EA | 8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 177.98 | |
| | | *For Pourable Sealer Filled, Add* | *205.91* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *102.97* | |
| 07 63 00 00-0015 | SF | 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 205.82 | |
| | | *For Pourable Sealer Filled, Add* | *308.86* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *153.48* | |

### 07 63 00 00-0016 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 63 00 00-0017 | EA | 4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 110.46 | |
| | | *For Pourable Sealer Filled, Add* | *34.32* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *17.17* | |
| 07 63 00 00-0018 | EA | 6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 131.37 | |
| | | *For Pourable Sealer Filled, Add* | *77.26* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *38.73* | |
| 07 63 00 00-0019 | EA | 8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 151.00 | |
| | | *For Pourable Sealer Filled, Add* | *137.27* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *68.48* | |
| 07 63 00 00-0020 | EA | 8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 162.53 | |
| | | *For Pourable Sealer Filled, Add* | *171.59* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *86.08* | |
| 07 63 00 00-0021 | EA | 8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 173.34 | |
| | | *For Pourable Sealer Filled, Add* | *205.91* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *102.97* | |
| 07 63 00 00-0022 | SF | 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket | 197.35 | |
| | | *For Pourable Sealer Filled, Add* | *308.86* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *153.48* | |

### 07 63 00 00-0023 Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout *(07 63 00 00-0001)*

Note: Includes removing existing filler and refilling with non-shrink grout.

| | | | | |
|---|---|---|---|---|
| 07 63 00 00-0024 | EA | Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout | 52.55 | |
| | | *For Pourable Sealer Filled, Add* | *34.32* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *17.17* | |
| 07 63 00 00-0025 | EA | Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout | 62.20 | |
| | | *For Pourable Sealer Filled, Add* | *77.26* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *38.73* | |
| 07 63 00 00-0026 | EA | Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout | 75.19 | |
| | | *For Pourable Sealer Filled, Add* | *137.27* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *68.48* | |
| 07 63 00 00-0027 | EA | Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout | 83.25 | |
| | | *For Pourable Sealer Filled, Add* | *171.59* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *86.08* | |
| 07 63 00 00-0028 | EA | Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout | 91.30 | |
| | | *For Pourable Sealer Filled, Add* | *205.91* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *102.97* | |
| 07 63 00 00-0029 | SF | Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout | 112.41 | |
| | | *For Pourable Sealer Filled, Add* | *308.86* | |
| | | *For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add* | *153.48* | |

### 07 63 00 00-0030 Lead Pipe Flashing For Roofs *(07 63)*

Note: Includes 6" skirt base.

| | | | | |
|---|---|---|---|---|
| 07 63 00 00-0031 | EA | 1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe | 100.46 | 30.54 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 63 00 00-0032 | EA | 1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe | 100.46 | 30.54 |
| 07 63 00 00-0033 | EA | 2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe | 122.54 | 30.54 |
| 07 63 00 00-0034 | EA | 3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe | 135.15 | 30.54 |
| 07 63 00 00-0035 | EA | 4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe | 141.46 | 30.54 |
| 07 63 00 00-0036 | EA | 4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe | 144.61 | 30.54 |
| 07 63 00 00-0037 | EA | 6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe | 176.15 | 30.54 |
| 07 63 00 00-0038 | EA | 8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe | 190.34 | 30.54 |
| 07 63 00 00-0039 | | Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)* | | |
| 07 63 00 00-0040 | EA | 2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing | 77.44 | 19.73 |
| 07 63 00 00-0041 | EA | 3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing | 78.45 | 19.73 |
| 07 63 00 00-0042 | EA | 4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing | 82.10 | 19.73 |
| 07 63 00 00-0043 | EA | 6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing | 85.25 | 19.73 |

## 07 65 Flexible Flashing *(07 60)*

### 07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems *(07 65 16)*
See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

| | | | | |
|---|---|---|---|---|
| 07 65 16 00-0002 | SF | 60 Mil, Urethane Elastomer Liquid Applied Flashing<br>Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat. | 11.54 | 1.48 |

### 07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001 Plastic Flashing And Trim *(07 65 19)*

07 65 19 00-0002 Neoprene Flashing *(07 65 19 00-0001)*

07 65 19 00-0003 60 Mil Neoprene Flashing *(07 65 19 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 65 19 00-0004 | LF | 6" Wide Strip, 60 Mil, Neoprene Flashing | 7.10 | 2.07 |
| 07 65 19 00-0005 | LF | 12" Wide Strip, 60 Mil, Neoprene Flashing | 9.85 | 2.22 |
| 07 65 19 00-0006 | LF | 18" Wide Strip, 60 Mil, Neoprene Flashing | 12.83 | 2.45 |
| 07 65 19 00-0007 | LF | 24" Wide Strip, 60 Mil, Neoprene Flashing | 15.94 | 2.77 |

### 07 65 33 Flexible Roof Boot *(07 65)*

07 65 33 00-0001 Neoprene Roof Boot *(07 65 33)*

| | | | | |
|---|---|---|---|---|
| 07 65 33 00-0002 | EA | 2" Diameter Pipe, Neoprene Roof Boot | 30.77 | 6.37 |
| 07 65 33 00-0003 | EA | 3" Diameter Pipe, Neoprene Roof Boot | 36.29 | 7.13 |
| 07 65 33 00-0004 | EA | 4" Diameter Pipe, Neoprene Roof Boot | 40.40 | 7.68 |

# 07 70 Roof and Wall Specialties and Accessories *(07)*

## 07 71 Roof Specialties *(07 70)*

### 07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001 Galvanized Steel Copings *(07 71 13)*

07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)*
Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

| | | | | |
|---|---|---|---|---|
| 07 71 13 00-0003 | LF | 10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats | 29.07 | 1.66 |
| 07 71 13 00-0004 | LF | >14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats | 30.64 | 1.79 |
| 07 71 13 00-0005 | LF | >16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats | 35.01 | 1.89 |
| 07 71 13 00-0006 | LF | >22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats | 40.71 | 2.07 |
| 07 71 13 00-0007 | LF | >30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats | 49.34 | 2.16 |

07 71 13 00-0008 Aluminum Copings *(07 71 13)*

07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*
Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

| | | | | |
|---|---|---|---|---|
| 07 71 13 00-0011 | LF | 10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 22.93 | 1.66 |
| 07 71 13 00-0012 | LF | >14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 24.46 | 1.79 |
| 07 71 13 00-0013 | LF | >16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 28.60 | 1.89 |
| 07 71 13 00-0014 | LF | >22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 34.22 | 2.07 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 13 00-0015 | LF | >30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 42.69 | 2.16 |
| 07 71 13 00-0016 | | 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)* | | |
| 07 71 13 00-0017 | LF | 10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 24.95 | 1.66 |
| 07 71 13 00-0018 | LF | >14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 26.61 | 1.79 |
| 07 71 13 00-0019 | LF | >16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 31.15 | 1.89 |
| 07 71 13 00-0020 | LF | >22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 37.30 | 2.07 |
| 07 71 13 00-0021 | LF | >30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 46.60 | 2.16 |
| 07 71 13 00-0022 | | 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)* | | |
| 07 71 13 00-0023 | LF | 10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 26.61 | 1.66 |
| 07 71 13 00-0024 | LF | >14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 28.52 | 1.79 |
| 07 71 13 00-0025 | LF | >16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 34.31 | 1.89 |
| 07 71 13 00-0026 | LF | >22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 42.97 | 2.07 |
| 07 71 13 00-0027 | LF | >30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats | 55.78 | 2.16 |
| 07 71 13 00-0028 | | KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*<br>Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. | | |
| 07 71 13 00-0029 | | 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)* | | |
| 07 71 13 00-0030 | LF | 10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 32.00 | 1.66 |
| 07 71 13 00-0031 | LF | >14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 34.12 | 1.79 |
| 07 71 13 00-0032 | LF | >16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 40.06 | 1.89 |
| 07 71 13 00-0033 | LF | >22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 48.07 | 2.07 |
| 07 71 13 00-0034 | LF | >30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 60.28 | 2.16 |
| 07 71 13 00-0035 | | 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)* | | |
| 07 71 13 00-0036 | LF | 10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 34.93 | 1.66 |
| 07 71 13 00-0037 | LF | >14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 37.23 | 1.79 |
| 07 71 13 00-0038 | LF | >16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 43.75 | 1.89 |
| 07 71 13 00-0039 | LF | >22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 52.53 | 2.07 |
| 07 71 13 00-0040 | LF | >30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 65.95 | 2.16 |
| 07 71 13 00-0041 | | 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)* | | |
| 07 71 13 00-0042 | LF | 10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 37.33 | 1.66 |
| 07 71 13 00-0043 | LF | >14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 40.01 | 1.79 |
| 07 71 13 00-0044 | LF | >16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 48.34 | 1.89 |
| 07 71 13 00-0045 | LF | >22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 60.75 | 2.07 |
| 07 71 13 00-0046 | LF | >30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats | 79.26 | 2.16 |
| 07 71 13 00-0047 | | Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*<br>Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. | | |
| 07 71 13 00-0048 | | 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)* | | |
| 07 71 13 00-0049 | LF | 10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 33.76 | 1.66 |
| 07 71 13 00-0050 | LF | >14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 35.99 | 1.79 |
| 07 71 13 00-0051 | LF | >16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 42.27 | 1.89 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 13 00-0052 | LF | >22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 50.75 | 2.07 |
| 07 71 13 00-0053 | LF | >30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 63.68 | 2.16 |
| 07 71 13 00-0054 | | 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)* | | |
| 07 71 13 00-0055 | LF | 10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 36.86 | 1.66 |
| 07 71 13 00-0056 | LF | >14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 39.29 | 1.79 |
| 07 71 13 00-0057 | LF | >16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 46.19 | 1.89 |
| 07 71 13 00-0058 | LF | >22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 55.48 | 2.07 |
| 07 71 13 00-0059 | LF | >30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 69.69 | 2.16 |
| 07 71 13 00-0060 | | 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)* | | |
| 07 71 13 00-0061 | LF | 10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 39.40 | 1.66 |
| 07 71 13 00-0062 | LF | >14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 42.24 | 1.79 |
| 07 71 13 00-0063 | LF | >16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 51.05 | 1.89 |
| 07 71 13 00-0064 | LF | >22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 64.19 | 2.07 |
| 07 71 13 00-0065 | LF | >30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats | 83.80 | 2.16 |
| 07 71 13 00-0066 | | Removal And Reinstallation Of Metal Coping *(07 71 13)* | | |
| 07 71 13 00-0067 | LF | Removal And Reinstallation Of Metal Coping | 7.73 | |
| **07 71 19** | | **Manufactured Gravel Stops and Fasciae** *(07 71)* | | |
| 07 71 19 00-0001 | | Gravel Stop *(07 71 19)* | | |
| 07 71 19 00-0002 | | Aluminum Gravel Stop *(07 71 19 00-0001)* | | |
| 07 71 19 00-0003 | | Aluminum Gravel Stop *(07 71 19 00-0002)* | | |
| 07 71 19 00-0004 | | KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)* | | |
| 07 71 19 00-0005 | | 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)* | | |
| 07 71 19 00-0006 | LF | 4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 31.54 | 1.31 |
| 07 71 19 00-0007 | LF | >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 32.46 | 1.54 |
| 07 71 19 00-0008 | LF | >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 33.43 | 1.69 |
| 07 71 19 00-0009 | | 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)* | | |
| 07 71 19 00-0010 | LF | 4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 33.58 | 1.31 |
| 07 71 19 00-0011 | LF | >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 34.59 | 1.54 |
| 07 71 19 00-0012 | LF | >10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 35.68 | 1.69 |
| 07 71 19 00-0013 | | 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)* | | |
| 07 71 19 00-0014 | LF | 4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 36.23 | 1.31 |
| 07 71 19 00-0015 | LF | >6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 37.13 | 1.54 |
| 07 71 19 00-0016 | LF | >10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 38.50 | 1.69 |
| 07 71 19 00-0017 | | 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)* | | |
| 07 71 19 00-0018 | LF | 4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 38.04 | 1.31 |
| 07 71 19 00-0019 | LF | >6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 39.00 | 1.54 |
| 07 71 19 00-0020 | LF | >10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop | 40.48 | 1.69 |
| 07 71 19 00-0021 | | Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)* | | |
| 07 71 19 00-0022 | | 0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)* | | |
| 07 71 19 00-0023 | LF | 4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop | 20.23 | 1.31 |
| 07 71 19 00-0024 | LF | >6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop | 21.72 | 1.54 |
| 07 71 19 00-0025 | LF | >10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop | 23.24 | 1.69 |
| 07 71 19 00-0026 | | 0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)* | | |
| 07 71 19 00-0027 | LF | 4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop | 21.93 | 1.31 |
| 07 71 19 00-0028 | LF | >6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop | 23.19 | 1.54 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 19 00-0029 | LF | >10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop | 24.37 | 1.69 |
| **07 71 19 00-0030** | | **0.050" Thick, Mill Finish, Aluminum Gravel Stop** *(07 71 19 00-0021)* | | |
| 07 71 19 00-0031 | LF | 4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop | 23.62 | 1.31 |
| 07 71 19 00-0032 | LF | >6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop | 24.89 | 1.54 |
| 07 71 19 00-0033 | LF | >10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop | 26.20 | 1.69 |
| **07 71 19 00-0034** | | **0.063" Thick, Mill Finish, Aluminum Gravel Stop** *(07 71 19 00-0021)* | | |
| 07 71 19 00-0035 | LF | 4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop | 25.46 | 1.31 |
| 07 71 19 00-0036 | LF | >6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop | 26.58 | 1.54 |
| 07 71 19 00-0037 | LF | >10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop | 27.57 | 1.69 |
| **07 71 19 00-0038** | | **Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0003)* | | |
| **07 71 19 00-0039** | | **0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)* | | |
| 07 71 19 00-0040 | LF | 4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 37.81 | 1.31 |
| 07 71 19 00-0041 | LF | >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 39.01 | 1.54 |
| 07 71 19 00-0042 | LF | >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 40.07 | 1.69 |
| **07 71 19 00-0043** | | **0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)* | | |
| 07 71 19 00-0044 | LF | 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 40.26 | 1.31 |
| 07 71 19 00-0045 | LF | >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 41.56 | 1.54 |
| 07 71 19 00-0046 | LF | >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 42.75 | 1.69 |
| **07 71 19 00-0047** | | **0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)* | | |
| 07 71 19 00-0048 | LF | 4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 43.45 | 1.31 |
| 07 71 19 00-0049 | LF | >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 44.61 | 1.54 |
| 07 71 19 00-0050 | LF | >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 45.57 | 1.69 |
| **07 71 19 00-0051** | | **0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)* | | |
| 07 71 19 00-0052 | LF | 4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 45.61 | 1.31 |
| 07 71 19 00-0053 | LF | >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 46.86 | 1.54 |
| 07 71 19 00-0054 | LF | >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop | 47.91 | 1.69 |
| **07 71 19 00-0055** | | **Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0002)*<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. | | |
| **07 71 19 00-0056** | | **KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0055)* | | |
| **07 71 19 00-0057** | | **0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0056)* | | |
| 07 71 19 00-0058 | LF | 4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 35.60 | 1.38 |
| 07 71 19 00-0059 | LF | >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 37.73 | 1.65 |
| 07 71 19 00-0060 | LF | >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 40.18 | 1.88 |
| **07 71 19 00-0061** | | **0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0056)* | | |
| 07 71 19 00-0062 | LF | 4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 37.64 | 1.38 |
| 07 71 19 00-0063 | LF | >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 39.85 | 1.65 |
| 07 71 19 00-0064 | LF | >10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 42.43 | 1.88 |
| **07 71 19 00-0065** | | **0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0056)* | | |
| 07 71 19 00-0066 | LF | 4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 40.30 | 1.38 |
| 07 71 19 00-0067 | LF | >6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 42.40 | 1.65 |
| 07 71 19 00-0068 | LF | >10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 45.26 | 1.88 |
| **07 71 19 00-0069** | | **0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0056)* | | |
| 07 71 19 00-0070 | LF | 4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 42.10 | 1.38 |
| 07 71 19 00-0071 | LF | >6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 44.27 | 1.65 |
| 07 71 19 00-0072 | LF | >10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat | 47.23 | 1.88 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 19 00-0073 | | Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)* | | |
| 07 71 19 00-0074 | | 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)* | | |
| 07 71 19 00-0075 | LF | 4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 25.86 | 1.38 |
| 07 71 19 00-0076 | LF | >6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 27.57 | 1.65 |
| 07 71 19 00-0077 | LF | >10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 29.56 | 1.88 |
| 07 71 19 00-0078 | | 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)* | | |
| 07 71 19 00-0079 | LF | 4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 27.27 | 1.38 |
| 07 71 19 00-0080 | LF | >6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 29.03 | 1.65 |
| 07 71 19 00-0081 | LF | >10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 31.12 | 1.88 |
| 07 71 19 00-0082 | | 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)* | | |
| 07 71 19 00-0083 | LF | 4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 29.10 | 1.38 |
| 07 71 19 00-0084 | LF | >6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 30.79 | 1.65 |
| 07 71 19 00-0085 | LF | >10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 32.96 | 1.88 |
| 07 71 19 00-0086 | | 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)* | | |
| 07 71 19 00-0087 | LF | 4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 30.35 | 1.38 |
| 07 71 19 00-0088 | LF | >6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 32.08 | 1.65 |
| 07 71 19 00-0089 | LF | >10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat | 34.32 | 1.88 |
| 07 71 19 00-0090 | | Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)* | | |
| 07 71 19 00-0091 | | 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)* | | |
| 07 71 19 00-0092 | LF | 4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 41.88 | 1.38 |
| 07 71 19 00-0093 | LF | >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 44.27 | 1.65 |
| 07 71 19 00-0094 | LF | >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 46.82 | 1.88 |
| 07 71 19 00-0095 | | 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)* | | |
| 07 71 19 00-0096 | LF | 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 44.33 | 1.38 |
| 07 71 19 00-0097 | LF | >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 46.83 | 1.65 |
| 07 71 19 00-0098 | LF | >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 49.50 | 1.88 |
| 07 71 19 00-0099 | | 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)* | | |
| 07 71 19 00-0100 | LF | 4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 47.52 | 1.38 |
| 07 71 19 00-0101 | LF | >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 49.88 | 1.65 |
| 07 71 19 00-0102 | LF | >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 52.32 | 1.88 |
| 07 71 19 00-0103 | | 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)* | | |
| 07 71 19 00-0104 | LF | 4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 49.68 | 1.38 |
| 07 71 19 00-0105 | LF | >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 52.12 | 1.65 |
| 07 71 19 00-0106 | LF | >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat | 54.66 | 1.88 |
| 07 71 19 00-0107 | | Stainless Steel Gravel Stop *(07 71 19 00-0001)* | | |
| 07 71 19 00-0108 | | Stainless Steel Gravel Stop *(07 71 19 00-0107)* | | |
| 07 71 19 00-0109 | | 26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)* | | |
| 07 71 19 00-0110 | LF | 4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop | 30.19 | 1.31 |
| 07 71 19 00-0111 | LF | >6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop | 39.81 | 1.54 |
| 07 71 19 00-0112 | LF | >10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop | 59.45 | 1.69 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 71 19 00-0113** | | **24 Gauge, Stainless Steel Gravel Stop** *(07 71 19 00-0108)* | | |
| 07 71 19 00-0114 | LF | 4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop | 37.83 | 1.31 |
| 07 71 19 00-0115 | LF | >6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop | 50.00 | 1.54 |
| 07 71 19 00-0116 | LF | >10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop | 74.74 | 1.69 |
| **07 71 19 00-0117** | | **22 Gauge, Stainless Steel Gravel Stop** *(07 71 19 00-0108)* | | |
| 07 71 19 00-0118 | LF | 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop | 45.96 | 1.31 |
| 07 71 19 00-0119 | LF | >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop | 60.83 | 1.54 |
| 07 71 19 00-0120 | LF | >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop | 90.99 | 1.69 |
| **07 71 19 00-0121** | | **Stainless Steel Gravel Stop System With Continuous Cleat** *(07 71 19 00-0107)*<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. | | |
| **07 71 19 00-0122** | | **26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat** *(07 71 19 00-0121)* | | |
| 07 71 19 00-0123 | LF | 4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 35.76 | 1.38 |
| 07 71 19 00-0124 | LF | >6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 47.04 | 1.65 |
| 07 71 19 00-0125 | LF | >10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 68.74 | 1.88 |
| **07 71 19 00-0126** | | **24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat** *(07 71 19 00-0121)* | | |
| 07 71 19 00-0127 | LF | 4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 43.40 | 1.38 |
| 07 71 19 00-0128 | LF | >6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 57.23 | 1.65 |
| 07 71 19 00-0129 | LF | >10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 84.03 | 1.88 |
| **07 71 19 00-0130** | | **22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat** *(07 71 19 00-0121)* | | |
| 07 71 19 00-0131 | LF | 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 51.52 | 1.38 |
| 07 71 19 00-0132 | LF | >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 68.06 | 1.65 |
| 07 71 19 00-0133 | LF | >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat | 100.28 | 1.88 |
| **07 71 19 00-0134** | | **Galvanized Steel Gravel Stop** *(07 71 19 00-0001)* | | |
| **07 71 19 00-0135** | | **Galvanized Steel Gravel Stop** *(07 71 19 00-0134)* | | |
| **07 71 19 00-0136** | | **KYNAR 500® Finish, Galvanized Steel Gravel Stop** *(07 71 19 00-0135)* | | |
| **07 71 19 00-0137** | | **24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop** *(07 71 19 00-0136)* | | |
| 07 71 19 00-0138 | LF | 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop | 28.83 | 1.31 |
| 07 71 19 00-0139 | LF | >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop | 29.71 | 1.54 |
| 07 71 19 00-0140 | LF | >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop | 30.82 | 1.69 |
| **07 71 19 00-0141** | | **Galvanized Steel Gravel Stop System With Continuous Cleat** *(07 71 19 00-0134)*<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. | | |
| **07 71 19 00-0142** | | **KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat** *(07 71 19 00-0141)* | | |
| **07 71 19 00-0143** | | **24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat** *(07 71 19 00-0142)* | | |
| 07 71 19 00-0144 | LF | 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat | 33.02 | 1.38 |
| 07 71 19 00-0145 | LF | >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat | 35.13 | 1.65 |
| 07 71 19 00-0146 | LF | >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat | 37.76 | 1.88 |
| **07 71 19 00-0147** | | **Copper Gravel Stop** *(07 71 19 00-0001)* | | |
| **07 71 19 00-0148** | | **Copper Gravel Stop** *(07 71 19 00-0147)* | | |
| **07 71 19 00-0149** | | **20 Ounce, Copper Gravel Stop** *(07 71 19 00-0148)* | | |
| 07 71 19 00-0150 | LF | 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop | 48.94 | 1.31 |
| 07 71 19 00-0151 | LF | >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop | 56.01 | 1.54 |
| 07 71 19 00-0152 | LF | >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop | 64.73 | 1.69 |
| **07 71 19 00-0153** | | **16 Ounce, Copper Gravel Stop** *(07 71 19 00-0148)* | | |
| 07 71 19 00-0154 | LF | 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop | 59.64 | 1.31 |
| 07 71 19 00-0155 | LF | >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop | 69.09 | 1.54 |
| 07 71 19 00-0156 | LF | >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop | 78.99 | 1.69 |
| **07 71 19 00-0157** | | **Copper Gravel Stop System With Continuous Cleat** *(07 71 19 00-0147)*<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. | | |
| **07 71 19 00-0158** | | **20 Ounce, Copper Gravel Stop System With Continuous Cleat** *(07 71 19 00-0157)* | | |
| 07 71 19 00-0159 | LF | 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat | 50.87 | 1.38 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 19 00-0160 | LF | >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat | 58.49 | 1.65 |
| 07 71 19 00-0161 | LF | >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat | 67.87 | 1.88 |
| 07 71 19 00-0162 | | 16 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)* | | |
| 07 71 19 00-0163 | LF | 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat | 61.57 | 1.38 |
| 07 71 19 00-0164 | LF | >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat | 71.57 | 1.65 |
| 07 71 19 00-0165 | LF | >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat | 82.14 | 1.88 |
| 07 71 19 00-0166 | | Fascia *(07 71 19)* | | |
| 07 71 19 00-0167 | | Snap-On Cover Fascia *(07 71 19 00-0166)*<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. | | |
| 07 71 19 00-0168 | | Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0167)* | | |
| 07 71 19 00-0169 | | KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0168)* | | |
| 07 71 19 00-0170 | | 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0169)* | | |
| 07 71 19 00-0171 | LF | 3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat | 35.47 | 1.92 |
| 07 71 19 00-0172 | LF | >5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat | 40.00 | 1.99 |
| 07 71 19 00-0173 | LF | >7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat | 42.88 | 2.07 |
| 07 71 19 00-0174 | | Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)* | | |
| 07 71 19 00-0175 | | Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)* | | |
| 07 71 19 00-0176 | EA | Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems | 252.63 | 2.69 |
| 07 71 19 00-0177 | EA | Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems | 269.93 | 2.69 |
| 07 71 19 00-0178 | EA | Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems | 280.80 | 2.69 |
| 07 71 19 00-0179 | | Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)* | | |
| 07 71 19 00-0180 | EA | Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems | 205.53 | 2.69 |
| 07 71 19 00-0181 | EA | Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems | 214.26 | 2.69 |
| 07 71 19 00-0182 | EA | Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems | 219.58 | 2.69 |
| 07 71 19 00-0183 | | Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)* | | |
| 07 71 19 00-0184 | | KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)* | | |
| 07 71 19 00-0185 | | 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)* | | |
| 07 71 19 00-0186 | LF | 3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 19.61 | 1.92 |
| 07 71 19 00-0187 | LF | >5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 22.26 | 1.99 |
| 07 71 19 00-0188 | LF | >7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 23.64 | 2.07 |
| 07 71 19 00-0189 | | 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)* | | |
| 07 71 19 00-0190 | LF | 3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 20.64 | 1.92 |
| 07 71 19 00-0191 | LF | >5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 23.58 | 1.99 |
| 07 71 19 00-0192 | LF | >7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 25.13 | 2.07 |
| 07 71 19 00-0193 | | Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)* | | |
| 07 71 19 00-0194 | | Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)* | | |
| 07 71 19 00-0195 | EA | Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems | 130.94 | 2.69 |
| 07 71 19 00-0196 | EA | Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems | 142.09 | 2.69 |
| 07 71 19 00-0197 | EA | Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems | 146.97 | 2.69 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 19 00-0198 | | Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)* | | |
| 07 71 19 00-0199 | EA | Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems | 103.45 | 2.69 |
| 07 71 19 00-0200 | EA | Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems | 109.00 | 2.69 |
| 07 71 19 00-0201 | EA | Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems | 111.43 | 2.69 |
| 07 71 19 00-0202 | | Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)* | | |
| 07 71 19 00-0203 | | 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)* | | |
| 07 71 19 00-0204 | LF | 3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 22.76 | 1.92 |
| 07 71 19 00-0205 | LF | >5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 25.91 | 1.99 |
| 07 71 19 00-0206 | LF | >7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 27.54 | 2.07 |
| 07 71 19 00-0207 | | 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)* | | |
| 07 71 19 00-0208 | LF | 3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 24.00 | 1.92 |
| 07 71 19 00-0209 | LF | >5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 27.50 | 1.99 |
| 07 71 19 00-0210 | LF | >7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat | 29.33 | 2.07 |
| 07 71 19 00-0211 | | Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0202)* | | |
| 07 71 19 00-0212 | | Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)* | | |
| 07 71 19 00-0213 | EA | Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems | 162.33 | 2.69 |
| 07 71 19 00-0214 | EA | Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems | 176.27 | 2.69 |
| 07 71 19 00-0215 | EA | Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems | 182.37 | 2.69 |
| 07 71 19 00-0216 | | Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)* | | |
| 07 71 19 00-0217 | EA | Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems | 127.97 | 2.69 |
| 07 71 19 00-0218 | EA | Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems | 134.91 | 2.69 |
| 07 71 19 00-0219 | EA | Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems | 137.95 | 2.69 |

## 07 71 23 Manufactured Gutters and Downspouts *(07 71)*

Note: Includes all necessary support straps.

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0001 | | Aluminum Gutters And Downspouts *(07 71 23)* | | |
| 07 71 23 00-0002 | | Aluminum Gutters *(07 71 23 00-0001)* | | |
| | | Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts. | | |
| 07 71 23 00-0003 | | K-Style Aluminum Gutters *(07 71 23 00-0002)* | | |
| 07 71 23 00-0004 | LF | 5", 0.027" Thick, K-Style Aluminum Gutter | 9.40 | 4.11 |
| | | *For Up To 100', Add* | *1.96* | |
| | | *For >100' To 250', Add* | *0.81* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| | | *For Kynar 500® Finish, Add* | *1.18* | |
| 07 71 23 00-0005 | LF | 6", 0.027" Thick, K-Style Aluminum Gutter | 10.45 | 4.33 |
| | | *For Up To 100', Add* | *2.11* | |
| | | *For >100' To 250', Add* | *0.88* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| | | *For Kynar 500® Finish, Add* | *1.50* | |
| 07 71 23 00-0006 | LF | 5", 0.032" Thick, K-Style Aluminum Gutter | 9.78 | 4.11 |
| | | *For Up To 100', Add* | *2.00* | |
| | | *For >100' To 250', Add* | *0.83* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| | | *For Kynar 500® Finish, Add* | *1.35* | |
| 07 71 23 00-0007 | LF | 6", 0.032" Thick, K-Style Aluminum Gutter | 10.94 | 4.33 |
| | | *For Up To 100', Add* | *2.16* | |
| | | *For >100' To 250', Add* | *0.90* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| | | *For Kynar 500® Finish, Add* | *1.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0008 | LF | 7", 0.032" Thick, K-Style Aluminum Gutter | 20.04 | 4.56 |
| | | *For Up To 100', Add* | *3.15* | |
| | | *For >100' To 250', Add* | *1.39* | |
| | | *For >1,000', Deduct* | *-0.77* | |
| | | *For Kynar 500® Finish, Add* | *5.57* | |
| 07 71 23 00-0009 | LF | 8", 0.032" Thick, K-Style Aluminum Gutter | 21.97 | 5.12 |
| | | *For Up To 100', Add* | *3.46* | |
| | | *For >100' To 250', Add* | *1.52* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| | | *For Kynar 500® Finish, Add* | *6.08* | |
| 07 71 23 00-0010 | LF | 8", 0.040" Thick, K-Style Aluminum Gutter | 24.58 | 5.12 |
| | | *For Up To 100', Add* | *3.73* | |
| | | *For >100' To 250', Add* | *1.65* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| | | *For Kynar 500® Finish, Add* | *7.26* | |

### 07 71 23 00-0011 Half Round Aluminum Gutters *(07 71 23 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0012 | LF | 5", 0.027" Thick, Half Round Aluminum Gutter | 16.96 | 4.11 |
| | | *For Up To 100', Add* | *2.71* | |
| | | *For >100' To 250', Add* | *1.19* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| | | *For Kynar 500® Finish, Add* | *4.58* | |
| 07 71 23 00-0013 | LF | 6", 0.032" Thick, Half Round Aluminum Gutter | 20.36 | 4.33 |
| | | *For Up To 100', Add* | *3.10* | |
| | | *For >100' To 250', Add* | *1.37* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| | | *For Kynar 500® Finish, Add* | *5.96* | |

### 07 71 23 00-0014 Box Style Aluminum Gutters *(07 71 23 00-0002)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0015 | LF | 6", 0.027" Thick, Box Style Aluminum Gutter | 17.90 | 5.12 |
| | | *For Up To 100', Add* | *3.06* | |
| | | *For >100' To 250', Add* | *1.32* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| | | *For Kynar 500® Finish, Add* | *4.25* | |
| 07 71 23 00-0016 | LF | 6", 0.032" Thick, Box Style Aluminum Gutter | 17.94 | 5.12 |
| | | *For Up To 100', Add* | *3.06* | |
| | | *For >100' To 250', Add* | *1.32* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| | | *For Kynar 500® Finish, Add* | *4.27* | |
| 07 71 23 00-0017 | LF | 7", 0.032" Thick, Box Style Aluminum Gutter | 20.83 | 5.45 |
| | | *For Up To 100', Add* | *3.43* | |
| | | *For >100' To 250', Add* | *1.49* | |
| | | *For >1,000', Deduct* | *-0.90* | |
| | | *For Kynar 500® Finish, Add* | *5.32* | |
| 07 71 23 00-0018 | LF | 8", 0.032" Thick, Box Style Aluminum Gutter | 23.49 | 5.78 |
| | | *For Up To 100', Add* | *3.78* | |
| | | *For >100' To 250', Add* | *1.65* | |
| | | *For >1,000', Deduct* | *-0.96* | |
| | | *For Kynar 500® Finish, Add* | *6.27* | |

### 07 71 23 00-0019 Aluminum Gutter End Caps *(07 71 23 00-0001)*

### 07 71 23 00-0020 K-Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0021 | EA | 5", K-Style Aluminum Gutter End Cap | 3.14 | |
| | | *For Kynar 500® Finish, Add* | *0.41* | |
| 07 71 23 00-0022 | EA | 6", K-Style Aluminum Gutter End Cap | 3.88 | |
| | | *For Kynar 500® Finish, Add* | *0.74* | |
| 07 71 23 00-0023 | EA | 7", K-Style Aluminum Gutter End Cap | 8.38 | |
| | | *For Kynar 500® Finish, Add* | *2.77* | |
| 07 71 23 00-0024 | EA | 8", K-Style Aluminum Gutter End Cap | 9.76 | |
| | | *For Kynar 500® Finish, Add* | *3.39* | |

### 07 71 23 00-0025 Half Round, Aluminum Gutter End Caps *(07 71 23 00-0019)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0026 | EA | 5", Half Round Aluminum Gutter End Cap | 5.03 | |
| | | *For Kynar 500® Finish, Add* | *1.26* | |
| 07 71 23 00-0027 | EA | 6", Half Round Aluminum Gutter End Cap | 7.76 | |
| | | *For Kynar 500® Finish, Add* | *2.49* | |

### 07 71 23 00-0028 Box Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0029 | EA | 6", Box Style Aluminum Gutter End Cap | 9.14 | |
| | | *For Kynar 500® Finish, Add* | *3.11* | |
| 07 71 23 00-0030 | EA | 7", Box Style Aluminum Gutter End Cap | 9.93 | |
| | | *For Kynar 500® Finish, Add* | *3.47* | |
| 07 71 23 00-0031 | EA | 8", Box Style Aluminum Gutter End Cap | 11.65 | |
| | | *For Kynar 500® Finish, Add* | *4.24* | |

### 07 71 23 00-0032 Aluminum Gutter Miters *(07 71 23 00-0001)*

Note: Inside or outside miters.

### 07 71 23 00-0033 K-Style, Aluminum Gutter Miters *(07 71 23 00-0032)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0034 | EA | 5", K-Style Aluminum Gutter Miter | 18.43 | |
| | | *For Kynar 500® Finish, Add* | *3.24* | |
| 07 71 23 00-0035 | EA | 6", K-Style Aluminum Gutter Miter | 24.47 | |
| | | *For Kynar 500® Finish, Add* | *5.61* | |
| 07 71 23 00-0036 | EA | 7", K-Style Aluminum Gutter Miter | 72.77 | |
| | | *For Kynar 500® Finish, Add* | *27.00* | |
| 07 71 23 00-0037 | EA | 8", K-Style Aluminum Gutter Miter | 79.00 | |
| | | *For Kynar 500® Finish, Add* | *29.39* | |
| **07 71 23 00-0038** | | **Half Round, Aluminum Gutter Miters** *(07 71 23 00-0032)* | | |
| 07 71 23 00-0039 | EA | 5", Half Round Aluminum Gutter Miter | 31.65 | |
| | | *For Kynar 500® Finish, Add* | *9.19* | |
| 07 71 23 00-0040 | EA | 6", Half Round Aluminum Gutter Miter | 49.62 | |
| | | *For Kynar 500® Finish, Add* | *16.92* | |
| **07 71 23 00-0041** | | **Box Style, Aluminum Gutter Miters** *(07 71 23 00-0032)* | | |
| 07 71 23 00-0042 | EA | 6", Box Style Aluminum Gutter Miter | 59.02 | |
| | | *For Kynar 500® Finish, Add* | *21.15* | |
| 07 71 23 00-0043 | EA | 7", Box Style Aluminum Gutter Miter | 87.77 | |
| | | *For Kynar 500® Finish, Add* | *33.75* | |
| 07 71 23 00-0044 | EA | 8", Box Style Aluminum Gutter Miter | 95.33 | |
| | | *For Kynar 500® Finish, Add* | *36.74* | |
| **07 71 23 00-0045** | | **Aluminum Gutter Wire Strainers** *(07 71 23 00-0001)* | | |
| 07 71 23 00-0046 | EA | 3" Diameter, Round Aluminum Wire Strainer | 13.86 | 2.78 |
| | | *For Kynar 500® Finish, Add* | *3.63* | |
| | | *For 0.024" Thick, Add* | *1.13* | |
| | | *For 0.027" Thick, Add* | *2.34* | |
| | | *For 0.031" Thick, Add* | *3.39* | |
| 07 71 23 00-0047 | EA | 4" Diameter, Round Aluminum Wire Strainer | 20.66 | 2.78 |
| | | *For Kynar 500® Finish, Add* | *6.69* | |
| | | *For 0.024" Thick, Add* | *2.08* | |
| | | *For 0.027" Thick, Add* | *4.31* | |
| | | *For 0.031" Thick, Add* | *6.25* | |
| **07 71 23 00-0048** | | **Aluminum Downspouts** *(07 71 23 00-0001)* | | |
| | | Note: Includes elbows, hangers and fasteners. | | |
| **07 71 23 00-0049** | | **Round Aluminum Downspouts** *(07 71 23 00-0048)* | | |
| 07 71 23 00-0050 | LF | 3" Diameter, 0.019" Thick, Round Aluminum Downspout | 6.48 | 2.67 |
| | | *For Up To 100', Add* | *1.08* | |
| | | *For >100 To 250', Add* | *0.47* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *1.62* | |
| | | *For 0.024" Thick, Add* | *0.50* | |
| | | *For 0.027" Thick, Add* | *1.04* | |
| | | *For 0.031" Thick, Add* | *1.51* | |
| 07 71 23 00-0051 | LF | 4" Diameter, 0.019" Thick, Round Aluminum Downspout | 7.32 | 2.67 |
| | | *For Up To 100', Add* | *1.17* | |
| | | *For >100 To 250', Add* | *0.51* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *1.99* | |
| | | *For 0.024" Thick, Add* | *0.62* | |
| | | *For 0.027" Thick, Add* | *1.28* | |
| | | *For 0.031" Thick, Add* | *1.86* | |
| **07 71 23 00-0052** | | **Rectangular Aluminum Downspouts** *(07 71 23 00-0048)* | | |
| 07 71 23 00-0053 | LF | 2" x 3", 0.019" Thick, Rectangular Aluminum Downspout | 4.73 | 2.67 |
| | | *For Up To 100', Add* | *0.91* | |
| | | *For >100 To 250', Add* | *0.38* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *0.83* | |
| | | *For 0.024" Thick, Add* | *0.26* | |
| | | *For 0.027" Thick, Add* | *0.53* | |
| | | *For 0.031" Thick, Add* | *0.77* | |
| 07 71 23 00-0054 | LF | 3" x 4", 0.019" Thick, Rectangular Aluminum Downspout | 5.80 | 2.67 |
| | | *For Up To 100', Add* | *1.01* | |
| | | *For >100 To 250', Add* | *0.43* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *1.31* | |
| | | *For 0.024" Thick, Add* | *0.41* | |
| | | *For 0.027" Thick, Add* | *0.84* | |
| | | *For 0.031" Thick, Add* | *1.22* | |
| 07 71 23 00-0055 | LF | 4" x 5", 0.019" Thick, Rectangular Aluminum Downspout | 10.31 | 2.67 |
| | | *For Up To 100', Add* | *1.46* | |
| | | *For >100 To 250', Add* | *0.66* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *3.34* | |
| | | *For 0.024" Thick, Add* | *1.04* | |
| | | *For 0.027" Thick, Add* | *2.15* | |
| | | *For 0.031" Thick, Add* | *3.12* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0056 | | Aluminum Devices *(07 71 23 00-0001)* | | |
| 07 71 23 00-0057 | EA | Thru-Wall Aluminum Scupper Outlet | 162.30 | 17.26 |
| | | *For Kynar 500® Finish, Add* | *47.14* | |
| 07 71 23 00-0058 | EA | Aluminum Leader/Conductor Head | 194.62 | 19.18 |
| | | *For Kynar 500® Finish, Add* | *70.32* | |
| 07 71 23 00-0059 | | Copper Gutters And Downspouts *(07 71 23)* | | |
| 07 71 23 00-0060 | | Copper Gutters *(07 71 23 00-0059)* | | |
| | | Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts. | | |
| 07 71 23 00-0061 | | K-Style Copper Gutters *(07 71 23 00-0060)* | | |
| 07 71 23 00-0062 | LF | 4", 16 Ounce, K-Style Copper Gutter | 19.71 | 3.89 |
| | | *For Up To 100', Add* | *2.94* | |
| | | *For >100' To 250', Add* | *1.31* | |
| | | *For >1,000', Deduct* | *-0.65* | |
| 07 71 23 00-0063 | LF | 5", 16 Ounce, K-Style Copper Gutter | 28.32 | 4.11 |
| | | *For Up To 100', Add* | *3.85* | |
| | | *For >100' To 250', Add* | *1.76* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| 07 71 23 00-0064 | LF | 6", 16 Ounce, K-Style Copper Gutter | 33.95 | 4.33 |
| | | *For Up To 100', Add* | *4.46* | |
| | | *For >100' To 250', Add* | *2.05* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| 07 71 23 00-0065 | LF | 5", 20 Ounce, K-Style Copper Gutter | 36.07 | 4.11 |
| | | *For Up To 100', Add* | *4.62* | |
| | | *For >100' To 250', Add* | *2.14* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| 07 71 23 00-0066 | LF | 6", 20 Ounce, K-Style Copper Gutter | 44.92 | 4.33 |
| | | *For Up To 100', Add* | *5.56* | |
| | | *For >100' To 250', Add* | *2.60* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| 07 71 23 00-0067 | LF | 7", 20 Ounce, K-Style Copper Gutter | 52.41 | 4.56 |
| | | *For Up To 100', Add* | *6.39* | |
| | | *For >100' To 250', Add* | *3.00* | |
| | | *For >1,000', Deduct* | *-0.77* | |
| 07 71 23 00-0068 | LF | 8", 20 Ounce, K-Style Copper Gutter | 58.30 | 5.12 |
| | | *For Up To 100', Add* | *7.10* | |
| | | *For >100' To 250', Add* | *3.34* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| 07 71 23 00-0069 | | Half Round Copper Gutters *(07 71 23 00-0060)* | | |
| 07 71 23 00-0070 | LF | 5", 16 Ounce, Half Round Copper Gutter | 24.29 | 4.11 |
| | | *For Up To 100', Add* | *3.45* | |
| | | *For >100' To 250', Add* | *1.55* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| 07 71 23 00-0071 | LF | 6", 16 Ounce, Half Round Copper Gutter | 30.94 | 4.33 |
| | | *For Up To 100', Add* | *4.16* | |
| | | *For >100' To 250', Add* | *1.90* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| 07 71 23 00-0072 | LF | 7", 16 Ounce, Half Round Copper Gutter | 52.54 | 4.56 |
| | | *For Up To 100', Add* | *6.40* | |
| | | *For >100' To 250', Add* | *3.01* | |
| | | *For >1,000', Deduct* | *-0.77* | |
| 07 71 23 00-0073 | LF | 5", 20 Ounce, Half Round Copper Gutter | 28.52 | 4.11 |
| | | *For Up To 100', Add* | *3.87* | |
| | | *For >100' To 250', Add* | *1.77* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| 07 71 23 00-0074 | LF | 6", 20 Ounce, Half Round Copper Gutter | 35.44 | 4.33 |
| | | *For Up To 100', Add* | *4.61* | |
| | | *For >100' To 250', Add* | *2.13* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| 07 71 23 00-0075 | LF | 7", 20 Ounce, Half Round Copper Gutter | 55.29 | 4.56 |
| | | *For Up To 100', Add* | *6.68* | |
| | | *For >100' To 250', Add* | *3.15* | |
| | | *For >1,000', Deduct* | *-0.77* | |
| 07 71 23 00-0076 | LF | 8", 20 Ounce, Half Round Copper Gutter | 62.85 | 5.12 |
| | | *For Up To 100', Add* | *7.55* | |
| | | *For >100' To 250', Add* | *3.57* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| 07 71 23 00-0077 | | Box Style Copper Gutters *(07 71 23 00-0060)* | | |
| 07 71 23 00-0078 | LF | 5", 16 Ounce, Box Style Copper Gutter | 28.54 | 4.67 |
| | | *For Up To 100', Add* | *4.02* | |
| | | *For >100' To 250', Add* | *1.82* | |
| | | *For >1,000', Deduct* | *-0.78* | |
| 07 71 23 00-0079 | LF | 6", 16 Ounce, Box Style Copper Gutter | 30.71 | 5.12 |
| | | *For Up To 100', Add* | *4.34* | |
| | | *For >100' To 250', Add* | *1.96* | |
| | | *For >1,000', Deduct* | *-0.85* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0080 | LF | 7", 16 Ounce, Box Style Copper Gutter | 37.46 | 5.45 |
| | | *For Up To 100', Add* | *5.10* | |
| | | *For >100' To 250', Add* | *2.32* | |
| | | *For >1,000', Deduct* | *-0.90* | |
| 07 71 23 00-0081 | LF | 8", 16 Ounce, Box Style Copper Gutter | 38.19 | 5.78 |
| | | *For Up To 100', Add* | *5.25* | |
| | | *For >100' To 250', Add* | *2.39* | |
| | | *For >1,000', Deduct* | *-0.96* | |
| 07 71 23 00-0082 | LF | 5", 20 Ounce, Box Style Copper Gutter | 32.67 | 4.67 |
| | | *For Up To 100', Add* | *4.44* | |
| | | *For >100' To 250', Add* | *2.02* | |
| | | *For >1,000', Deduct* | *-0.78* | |
| 07 71 23 00-0083 | LF | 6", 20 Ounce, Box Style Copper Gutter | 34.84 | 5.12 |
| | | *For Up To 100', Add* | *4.75* | |
| | | *For >100' To 250', Add* | *2.16* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| 07 71 23 00-0084 | LF | 7", 20 Ounce, Box Style Copper Gutter | 41.59 | 5.45 |
| | | *For Up To 100', Add* | *5.51* | |
| | | *For >100' To 250', Add* | *2.53* | |
| | | *For >1,000', Deduct* | *-0.90* | |
| 07 71 23 00-0085 | LF | 8", 20 Ounce, Box Style Copper Gutter | 42.32 | 5.78 |
| | | *For Up To 100', Add* | *5.67* | |
| | | *For >100' To 250', Add* | *2.59* | |
| | | *For >1,000', Deduct* | *-0.96* | |

### 07 71 23 00-0086 Copper Gutter End Caps *(07 71 23 00-0059)*

### 07 71 23 00-0087 K-Style, Copper Gutter End Caps *(07 71 23 00-0086)*

| | | | |
|---|---|---|---|
| 07 71 23 00-0088 | EA | 4", K-Style Copper Gutter End Cap | 6.80 |
| 07 71 23 00-0089 | EA | 5", K-Style Copper Gutter End Cap | 7.31 |
| 07 71 23 00-0090 | EA | 6", K-Style Copper Gutter End Cap | 7.81 |
| 07 71 23 00-0091 | EA | 7", K-Style Copper Gutter End Cap | 21.34 |
| 07 71 23 00-0092 | EA | 8", K-Style Copper Gutter End Cap | 26.09 |

### 07 71 23 00-0093 Half Round, Copper Gutter End Caps *(07 71 23 00-0086)*

| | | | |
|---|---|---|---|
| 07 71 23 00-0094 | EA | 4", Half Round Copper Gutter End Cap | 8.30 |
| 07 71 23 00-0095 | EA | 5", Half Round Copper Gutter End Cap | 9.37 |
| 07 71 23 00-0096 | EA | 6", Half Round Copper Gutter End Cap | 14.32 |
| 07 71 23 00-0097 | EA | 7", Half Round Copper Gutter End Cap | 43.79 |
| 07 71 23 00-0098 | EA | 8", Half Round Copper Gutter End Cap | 51.79 |

### 07 71 23 00-0099 Box Style, Copper Gutter End Caps *(07 71 23 00-0086)*

| | | | |
|---|---|---|---|
| 07 71 23 00-0100 | EA | 5", Box Style Copper Gutter End Cap | 16.27 |
| 07 71 23 00-0101 | EA | 6", Box Style Copper Gutter End Cap | 17.10 |
| 07 71 23 00-0102 | EA | 7", Box Style Copper Gutter End Cap | 17.92 |
| 07 71 23 00-0103 | EA | 8", Box Style Copper Gutter End Cap | 19.57 |

### 07 71 23 00-0104 Copper Gutter Miters *(07 71 23 00-0059)*

Note: Inside or outside miters.

### 07 71 23 00-0105 K-Style, Copper Gutter Miters *(07 71 23 00-0104)*

| | | | |
|---|---|---|---|
| 07 71 23 00-0106 | EA | 4", K-Style Copper Gutter Miter | 44.35 |
| 07 71 23 00-0107 | EA | 5", K-Style Copper Gutter Miter | 50.33 |
| 07 71 23 00-0108 | EA | 6", K-Style Copper Gutter Miter | 73.11 |
| 07 71 23 00-0109 | EA | 7", K-Style Copper Gutter Miter | 104.08 |
| 07 71 23 00-0110 | EA | 8", K-Style Copper Gutter Miter | 122.32 |

### 07 71 23 00-0111 Half Round, Copper Gutter Miters *(07 71 23 00-0104)*

| | | | |
|---|---|---|---|
| 07 71 23 00-0112 | EA | 4", Half Round Copper Gutter Miter | 70.18 |
| 07 71 23 00-0113 | EA | 5", Half Round Copper Gutter Miter | 64.65 |
| 07 71 23 00-0114 | EA | 6", Half Round Copper Gutter Miter | 93.81 |
| 07 71 23 00-0115 | EA | 7", Half Round Copper Gutter Miter | 112.12 |
| 07 71 23 00-0116 | EA | 8", Half Round Copper Gutter Miter | 132.73 |

### 07 71 23 00-0117 Box Style, Copper Gutter Miters *(07 71 23 00-0104)*

| | | | |
|---|---|---|---|
| 07 71 23 00-0118 | EA | 5", 16 Ounce Box Style Copper Gutter Miter | 77.22 |
| 07 71 23 00-0119 | EA | 6", 16 Ounce Box Style Copper Gutter Miter | 79.65 |
| 07 71 23 00-0120 | EA | 7", 16 Ounce Box Style Copper Gutter Miter | 87.03 |
| 07 71 23 00-0121 | EA | 8", 16 Ounce Box Style Copper Gutter Miter | 88.69 |
| 07 71 23 00-0122 | EA | 5", 20 Ounce Box Style Copper Gutter Miter | 85.48 |
| 07 71 23 00-0123 | EA | 6", 20 Ounce Box Style Copper Gutter Miter | 87.91 |
| 07 71 23 00-0124 | EA | 7", 20 Ounce Box Style Copper Gutter Miter | 95.29 |
| 07 71 23 00-0125 | EA | 8", 20 Ounce Box Style Copper Gutter Miter | 104.45 |

### 07 71 23 00-0126 Copper Gutter Wire Strainers *(07 71 23 00-0059)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0127 | EA | 2" Diameter, Round Copper Wire Strainer | 18.00 | 2.78 |
| 07 71 23 00-0128 | EA | 3" Diameter, Round Copper Wire Strainer | 22.02 | 2.78 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0129 | EA | 4" Diameter, Round Copper Wire Strainer | 35.12 | 2.78 |
| 07 71 23 00-0130 | EA | 5" Diameter, Round Copper Wire Strainer | 46.53 | 2.78 |
| 07 71 23 00-0131 | EA | 6" Diameter, Round Copper Wire Strainer | 56.08 | 2.78 |
| 07 71 23 00-0132 | | Copper Downspouts *(07 71 23 00-0059)* | | |
| | | Note: Includes elbows, hangers and fasteners. | | |
| 07 71 23 00-0133 | | Round Copper Downspouts *(07 71 23 00-0132)* | | |
| 07 71 23 00-0134 | LF | 2" Diameter, 16 Ounce, Round Copper Downspout | 29.08 | 2.67 |
| | | *For Up To 100', Add* | *3.34* | |
| | | *For >100 To 250', Add* | *1.60* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0135 | LF | 3" Diameter, 16 Ounce, Round Copper Downspout | 20.14 | 2.67 |
| | | *For Up To 100', Add* | *2.45* | |
| | | *For >100 To 250', Add* | *1.15* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0136 | LF | 4" Diameter, 16 Ounce, Round Copper Downspout | 25.49 | 2.67 |
| | | *For Up To 100', Add* | *2.98* | |
| | | *For >100 To 250', Add* | *1.42* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0137 | LF | 5" Diameter, 16 Ounce, Round Copper Downspout | 40.95 | 2.67 |
| | | *For Up To 100', Add* | *4.53* | |
| | | *For >100 To 250', Add* | *2.19* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0138 | LF | 6" Diameter, 16 Ounce, Round Copper Downspout | 52.76 | 2.67 |
| | | *For Up To 100', Add* | *5.71* | |
| | | *For >100 To 250', Add* | *2.78* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0139 | LF | 3" Diameter, 20 Ounce, Round Copper Downspout | 27.38 | 2.67 |
| | | *For Up To 100', Add* | *3.17* | |
| | | *For >100 To 250', Add* | *1.51* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0140 | LF | 4" Diameter, 20 Ounce, Round Copper Downspout | 35.64 | 2.67 |
| | | *For Up To 100', Add* | *4.00* | |
| | | *For >100 To 250', Add* | *1.93* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0141 | LF | 5" Diameter, 20 Ounce, Round Copper Downspout | 54.37 | 2.67 |
| | | *For Up To 100', Add* | *5.87* | |
| | | *For >100 To 250', Add* | *2.86* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0142 | | Square Copper Downspouts *(07 71 23 00-0132)* | | |
| 07 71 23 00-0143 | LF | 3" Diameter, 16 Ounce, Square Copper Downspout | 13.84 | 2.67 |
| | | *For Up To 100', Add* | *1.82* | |
| | | *For >100 To 250', Add* | *0.84* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0144 | LF | 4" Diameter, 16 Ounce, Square Copper Downspout | 17.38 | 2.67 |
| | | *For Up To 100', Add* | *2.17* | |
| | | *For >100 To 250', Add* | *1.01* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0145 | LF | 5" Diameter, 16 Ounce, Square Copper Downspout | 25.05 | 2.67 |
| | | *For Up To 100', Add* | *2.94* | |
| | | *For >100 To 250', Add* | *1.40* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0146 | LF | 3" Diameter, 20 Ounce, Square Copper Downspout | 16.03 | 2.67 |
| | | *For Up To 100', Add* | *2.04* | |
| | | *For >100 To 250', Add* | *0.95* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0147 | LF | 4" Diameter, 20 Ounce, Square Copper Downspout | 20.46 | 2.67 |
| | | *For Up To 100', Add* | *2.48* | |
| | | *For >100 To 250', Add* | *1.17* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0148 | LF | 5" Diameter, 20 Ounce, Square Copper Downspout | 29.55 | 2.67 |
| | | *For Up To 100', Add* | *3.39* | |
| | | *For >100 To 250', Add* | *1.62* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0149 | | Rectangular Copper Downspouts *(07 71 23 00-0132)* | | |
| 07 71 23 00-0150 | LF | 2" x 3", 16 Ounce, Rectangular Copper Downspout | 20.69 | 2.67 |
| | | *For Up To 100', Add* | *2.50* | |
| | | *For >100 To 250', Add* | *1.18* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0151 | LF | 3" x 4", 16 Ounce, Rectangular Copper Downspout | 26.27 | 2.67 |
| | | *For Up To 100', Add* | *3.06* | |
| | | *For >100 To 250', Add* | *1.46* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0152 | LF | 4" x 5", 16 Ounce, Rectangular Copper Downspout | 37.53 | 2.67 |
| | | *For Up To 100', Add* | *4.19* | |
| | | *For >100 To 250', Add* | *2.02* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0153 | LF | 2" x 3", 20 Ounce, Rectangular Copper Downspout | 24.16 | 2.67 |
| | | *For Up To 100', Add* | *2.85* | |
| | | *For >100 To 250', Add* | *1.35* | |
| | | *For >1,000', Deduct* | *-0.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0154 | LF | 3" x 4", 20 Ounce, Rectangular Copper Downspout | 31.08 | 2.67 |
| | | *For Up To 100', Add* | *3.54* | |
| | | *For >100 To 250', Add* | *1.70* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0155 | LF | 4" x 5", 20 Ounce, Rectangular Copper Downspout | 44.78 | 2.67 |
| | | *For Up To 100', Add* | *4.91* | |
| | | *For >100 To 250', Add* | *2.38* | |
| | | *For >1,000', Deduct* | *-0.29* | |

### 07 71 23 00-0156 Copper Devices And Accessories *(07 71 23 00-0059)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0157 | EA | Thru-Wall Copper Scupper Outlet | 206.62 | 17.26 |
| 07 71 23 00-0158 | EA | Copper Leader/Conductor Head | 322.18 | 19.18 |
| 07 71 23 00-0159 | EA | Copper Eave Box | 149.29 | 16.68 |

### 07 71 23 00-0160 Galvanized Steel Gutters And Downspouts *(07 71 23)*

### 07 71 23 00-0161 Galvanized Steel Gutters *(07 71 23 00-0160)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

### 07 71 23 00-0162 K-Style Galvanized Steel Gutters *(07 71 23 00-0161)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0163 | LF | 5", 26 Gauge, K-Style Galvanized Steel Gutter | 13.29 | 4.11 |
| | | *For Up To 100', Add* | *2.35* | |
| | | *For >100' To 250', Add* | *1.00* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| | | *For Kynar 500® Finish, Add* | *2.93* | |
| | | *For 24 Gauge, Add* | *1.82* | |
| | | *For 22 Gauge, Add* | *3.58* | |
| 07 71 23 00-0164 | LF | 6", 26 Gauge, K-Style Galvanized Steel Gutter | 15.61 | 4.33 |
| | | *For Up To 100', Add* | *2.63* | |
| | | *For >100' To 250', Add* | *1.14* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| | | *For Kynar 500® Finish, Add* | *3.83* | |
| | | *For 24 Gauge, Add* | *2.38* | |
| | | *For 22 Gauge, Add* | *4.68* | |
| 07 71 23 00-0165 | LF | 7", 26 Gauge, K-Style Galvanized Steel Gutter | 33.83 | 4.56 |
| | | *For Up To 100', Add* | *4.53* | |
| | | *For >100' To 250', Add* | *2.08* | |
| | | *For >1,000', Deduct* | *-0.77* | |
| | | *For Kynar 500® Finish, Add* | *11.77* | |
| | | *For 24 Gauge, Add* | *7.32* | |
| | | *For 22 Gauge, Add* | *14.39* | |
| 07 71 23 00-0166 | LF | 8", 26 Gauge, K-Style Galvanized Steel Gutter | 35.60 | 5.12 |
| | | *For Up To 100', Add* | *4.83* | |
| | | *For >100' To 250', Add* | *2.20* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| | | *For Kynar 500® Finish, Add* | *12.22* | |
| | | *For 24 Gauge, Add* | *7.60* | |
| | | *For 22 Gauge, Add* | *14.93* | |

### 07 71 23 00-0167 Half Round Galvanized Steel Gutters *(07 71 23 00-0161)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0168 | LF | 5", 26 Gauge, Half Round Galvanized Steel Gutter | 20.02 | 4.11 |
| | | *For Up To 100', Add* | *3.02* | |
| | | *For >100' To 250', Add* | *1.34* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| | | *For Kynar 500® Finish, Add* | *5.96* | |
| | | *For 24 Gauge, Add* | *3.71* | |
| | | *For 22 Gauge, Add* | *7.28* | |
| 07 71 23 00-0169 | LF | 6", 26 Gauge, Half Round Galvanized Steel Gutter | 25.52 | 4.33 |
| | | *For Up To 100', Add* | *3.62* | |
| | | *For >100' To 250', Add* | *1.63* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| | | *For Kynar 500® Finish, Add* | *8.28* | |
| | | *For 24 Gauge, Add* | *5.15* | |
| | | *For 22 Gauge, Add* | *10.13* | |
| 07 71 23 00-0170 | LF | 7", 26 Gauge, Half Round Galvanized Steel Gutter | 66.32 | 4.56 |
| | | *For Up To 100', Add* | *7.78* | |
| | | *For >100' To 250', Add* | *3.70* | |
| | | *For >1,000', Deduct* | *-0.77* | |
| | | *For Kynar 500® Finish, Add* | *26.39* | |
| | | *For 24 Gauge, Add* | *16.42* | |
| | | *For 22 Gauge, Add* | *32.26* | |
| 07 71 23 00-0171 | LF | 8", 26 Gauge, Half Round Galvanized Steel Gutter | 70.70 | 5.12 |
| | | *For Up To 100', Add* | *8.34* | |
| | | *For >100' To 250', Add* | *3.96* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| | | *For Kynar 500® Finish, Add* | *28.01* | |
| | | *For 24 Gauge, Add* | *17.43* | |
| | | *For 22 Gauge, Add* | *34.24* | |

### 07 71 23 00-0172 Box Style Galvanized Steel Gutters *(07 71 23 00-0161)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0173 | LF | 5", 24 Gauge, Box Style Galvanized Steel Gutter | 24.03 | 4.67 |
| | | *For Up To 100', Add* | *3.57* | |
| | | *For >100' To 250', Add* | *1.59* | |
| | | *For >1,000', Deduct* | *-0.78* | |
| | | *For Kynar 500® Finish, Add* | *7.31* | |
| | | *For 22 Gauge, Add* | *3.57* | |
| 07 71 23 00-0174 | LF | 6", 24 Gauge, Box Style Galvanized Steel Gutter | 28.34 | 5.12 |
| | | *For Up To 100', Add* | *4.10* | |
| | | *For >100' To 250', Add* | *1.84* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| | | *For Kynar 500® Finish, Add* | *8.95* | |
| | | *For 22 Gauge, Add* | *4.38* | |
| 07 71 23 00-0175 | LF | 7", 24 Gauge, Box Style Galvanized Steel Gutter | 36.42 | 4.56 |
| | | *For Up To 100', Add* | *4.79* | |
| | | *For >100' To 250', Add* | *2.20* | |
| | | *For >1,000', Deduct* | *-0.77* | |
| | | *For Kynar 500® Finish, Add* | *12.94* | |
| | | *For 22 Gauge, Add* | *6.33* | |
| 07 71 23 00-0176 | LF | 8", 24 Gauge, Box Style Galvanized Steel Gutter | 40.24 | 5.78 |
| | | *For Up To 100', Add* | *5.46* | |
| | | *For >100' To 250', Add* | *2.49* | |
| | | *For >1,000', Deduct* | *-0.96* | |
| | | *For Kynar 500® Finish, Add* | *13.81* | |
| | | *For 22 Gauge, Add* | *6.75* | |

### 07 71 23 00-0177 Galvanized Steel Gutter End Caps *(07 71 23 00-0160)*

### 07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0179 | EA | 5", K-Style Galvanized Steel Gutter End Cap | 6.13 | |
| | | *For Kynar 500® Finish, Add* | *1.76* | |
| 07 71 23 00-0180 | EA | 6", K-Style Galvanized Steel Gutter End Cap | 7.16 | |
| | | *For Kynar 500® Finish, Add* | *2.22* | |
| 07 71 23 00-0181 | EA | 7", K-Style Galvanized Steel Gutter End Cap | 16.27 | |
| | | *For Kynar 500® Finish, Add* | *6.32* | |
| 07 71 23 00-0182 | EA | 8", K-Style Galvanized Steel Gutter End Cap | 23.88 | |
| | | *For Kynar 500® Finish, Add* | *9.74* | |

### 07 71 23 00-0183 Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0184 | EA | 5", Half Round Galvanized Steel Gutter End Cap | 8.06 | |
| | | *For Kynar 500® Finish, Add* | *2.62* | |
| 07 71 23 00-0185 | EA | 6", Half Round Galvanized Steel Gutter End Cap | 9.37 | |
| | | *For Kynar 500® Finish, Add* | *3.21* | |
| 07 71 23 00-0186 | EA | 7", Half Round Galvanized Steel Gutter End Cap | 18.01 | |
| | | *For Kynar 500® Finish, Add* | *7.10* | |
| 07 71 23 00-0187 | EA | 8", Half Round Galvanized Steel Gutter End Cap | 24.57 | |
| | | *For Kynar 500® Finish, Add* | *10.05* | |

### 07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0189 | EA | 5", Box Style Galvanized Steel Gutter End Cap | 14.96 | |
| | | *For Kynar 500® Finish, Add* | *5.73* | |
| 07 71 23 00-0190 | EA | 6", Box Style Galvanized Steel Gutter End Cap | 18.14 | |
| | | *For Kynar 500® Finish, Add* | *7.16* | |
| 07 71 23 00-0191 | EA | 7", Box Style Galvanized Steel Gutter End Cap | 20.40 | |
| | | *For Kynar 500® Finish, Add* | *8.18* | |
| 07 71 23 00-0192 | EA | 8", Box Style Galvanized Steel Gutter End Cap | 27.54 | |
| | | *For Kynar 500® Finish, Add* | *11.39* | |

### 07 71 23 00-0193 Galvanized Steel Gutter Miters *(07 71 23 00-0160)*

Note: Inside or outside miters.

### 07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0195 | EA | 5", K-Style Galvanized Steel Gutter Miter | 37.68 | |
| | | *For Kynar 500® Finish, Add* | *11.90* | |
| 07 71 23 00-0196 | EA | 6", K-Style Galvanized Steel Gutter Miter | 62.61 | |
| | | *For Kynar 500® Finish, Add* | *22.77* | |
| 07 71 23 00-0197 | EA | 7", K-Style Galvanized Steel Gutter Miter | 101.77 | |
| | | *For Kynar 500® Finish, Add* | *40.05* | |
| 07 71 23 00-0198 | EA | 8", K-Style Galvanized Steel Gutter Miter | 114.58 | |
| | | *For Kynar 500® Finish, Add* | *45.41* | |

### 07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0200 | EA | 5", Half Round Galvanized Steel Gutter Miter | 52.63 | |
| | | *For Kynar 500® Finish, Add* | *18.63* | |
| 07 71 23 00-0201 | EA | 6", Half Round Galvanized Steel Gutter Miter | 59.30 | |
| | | *For Kynar 500® Finish, Add* | *21.28* | |
| 07 71 23 00-0202 | EA | 7", Half Round Galvanized Steel Gutter Miter | 173.60 | |
| | | *For Kynar 500® Finish, Add* | *72.37* | |
| 07 71 23 00-0203 | EA | 8", Half Round Galvanized Steel Gutter Miter | 183.43 | |
| | | *For Kynar 500® Finish, Add* | *76.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 71 23 00-0204** | | **Box Style, Galvanized Steel Gutter Miters** *(07 71 23 00-0193)* | | |
| 07 71 23 00-0205 | EA | 5", Box Style Galvanized Steel Gutter Miter | 49.63 | |
| | | *For Kynar 500® Finish, Add* | *17.28* | |
| 07 71 23 00-0206 | EA | 6", Box Style Galvanized Steel Gutter Miter | 82.40 | |
| | | *For Kynar 500® Finish, Add* | *31.68* | |
| 07 71 23 00-0207 | EA | 7", Box Style Galvanized Steel Gutter Miter | 107.72 | |
| | | *For Kynar 500® Finish, Add* | *42.72* | |
| 07 71 23 00-0208 | EA | 8", Box Style Galvanized Steel Gutter Miter | 114.58 | |
| | | *For Kynar 500® Finish, Add* | *45.41* | |
| **07 71 23 00-0209** | | **Galvanized Steel Gutter Wire Strainers** *(07 71 23 00-0160)* | | |
| 07 71 23 00-0210 | EA | 3" Diameter, Round Galvanized Steel Wire Strainer | 12.22 | 2.78 |
| | | *For Kynar 500® Finish, Add* | *2.89* | |
| 07 71 23 00-0211 | EA | 4" Diameter, Round Galvanized Steel Wire Strainer | 17.69 | 2.78 |
| | | *For Kynar 500® Finish, Add* | *5.36* | |
| **07 71 23 00-0212** | | **Galvanized Steel Downspouts** *(07 71 23 00-0160)* | | |
| | | Note: Includes elbows, hangers and fasteners. | | |
| **07 71 23 00-0213** | | **Round Galvanized Steel Downspouts** *(07 71 23 00-0212)* | | |
| 07 71 23 00-0214 | LF | 3" Diameter, 26 Gauge, Round Galvanized Steel Downspout | 7.65 | 2.67 |
| | | *For Up To 100', Add* | *1.20* | |
| | | *For >100 To 250', Add* | *0.53* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *2.14* | |
| | | *For 24 Gauge, Add* | *1.33* | |
| | | *For 22 Gauge, Add* | *2.62* | |
| 07 71 23 00-0215 | LF | 4" Diameter, 26 Gauge, Round Galvanized Steel Downspout | 9.68 | 2.67 |
| | | *For Up To 100', Add* | *1.40* | |
| | | *For >100 To 250', Add* | *0.63* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *3.06* | |
| | | *For 24 Gauge, Add* | *1.90* | |
| | | *For 22 Gauge, Add* | *3.73* | |
| 07 71 23 00-0216 | LF | 5" Diameter, 26 Gauge, Round Galvanized Steel Downspout | 13.44 | 2.67 |
| | | *For Up To 100', Add* | *1.78* | |
| | | *For >100 To 250', Add* | *0.82* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *4.75* | |
| | | *For 24 Gauge, Add* | *2.95* | |
| | | *For 22 Gauge, Add* | *5.80* | |
| 07 71 23 00-0217 | LF | 6" Diameter, 26 Gauge, Round Galvanized Steel Downspout | 30.82 | 2.67 |
| | | *For Up To 100', Add* | *3.52* | |
| | | *For >100 To 250', Add* | *1.69* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *12.57* | |
| | | *For 24 Gauge, Add* | *7.82* | |
| | | *For 22 Gauge, Add* | *15.36* | |
| **07 71 23 00-0218** | | **Square Galvanized Steel Downspouts** *(07 71 23 00-0212)* | | |
| 07 71 23 00-0219 | LF | 4" x 4", 26 Gauge, Square Galvanized Steel Downspout | 8.78 | 2.67 |
| | | *For Up To 100', Add* | *1.31* | |
| | | *For >100 To 250', Add* | *0.58* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *2.65* | |
| | | *For 24 Gauge, Add* | *1.65* | |
| | | *For 22 Gauge, Add* | *3.24* | |
| 07 71 23 00-0220 | LF | 5" x 5", 26 Gauge, Square Galvanized Steel Downspout | 11.46 | 2.67 |
| | | *For Up To 100', Add* | *1.58* | |
| | | *For >100 To 250', Add* | *0.72* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *3.86* | |
| | | *For 24 Gauge, Add* | *2.40* | |
| | | *For 22 Gauge, Add* | *4.71* | |
| **07 71 23 00-0221** | | **Rectangular Galvanized Steel Downspouts** *(07 71 23 00-0212)* | | |
| 07 71 23 00-0222 | LF | 2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout | 7.80 | 2.67 |
| | | *For Up To 100', Add* | *1.21* | |
| | | *For >100 To 250', Add* | *0.53* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *2.21* | |
| | | *For 24 Gauge, Add* | *1.37* | |
| | | *For 22 Gauge, Add* | *2.70* | |
| 07 71 23 00-0223 | LF | 3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout | 10.15 | 2.67 |
| | | *For Up To 100', Add* | *1.45* | |
| | | *For >100 To 250', Add* | *0.65* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *3.27* | |
| | | *For 24 Gauge, Add* | *2.03* | |
| | | *For 22 Gauge, Add* | *3.99* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0224 | LF | 4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout | 19.49 | 2.67 |
| | | *For Up To 100', Add* | *2.38* | |
| | | *For >100 To 250', Add* | *1.12* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For Kynar 500® Finish, Add* | *7.47* | |
| | | *For 24 Gauge, Add* | *4.65* | |
| | | *For 22 Gauge, Add* | *9.13* | |

### 07 71 23 00-0225 Galvanized Steel Devices *(07 71 23 00-0160)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0226 | EA | Galvanized Steel Leader/Conductor Head | 342.19 | 19.18 |
| | | *For Kynar 500® Finish, Add* | *136.72* | |
| 07 71 23 00-0227 | EA | Thru-Wall Galvanized Steel Scupper Outlet | 132.83 | 17.26 |
| | | *For Kynar 500® Finish, Add* | *33.88* | |

### 07 71 23 00-0228 Stainless Steel Gutters And Downspouts *(07 71 23)*

Note: AISI type 304 stainless steel.

### 07 71 23 00-0229 Stainless Steel Gutters *(07 71 23 00-0228)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

### 07 71 23 00-0230 K-Style, Stainless Steel Gutters *(07 71 23 00-0229)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0231 | LF | 5", 26 Gauge, K-Style Stainless Steel Gutter | 33.22 | 4.11 |
| | | *For Up To 100', Add* | *4.34* | |
| | | *For >100' To 250', Add* | *2.00* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| | | *For 316 Stainless Steel, Add* | *10.05* | |
| | | *For 24 Gauge, Add* | *8.73* | |
| | | *For 22 Gauge, Add* | *17.45* | |
| | | *For 20 Gauge, Add* | *26.18* | |
| 07 71 23 00-0232 | LF | 6", 26 Gauge, K-Style Stainless Steel Gutter | 40.18 | 4.33 |
| | | *For Up To 100', Add* | *5.08* | |
| | | *For >100' To 250', Add* | *2.36* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| | | *For 316 Stainless Steel, Add* | *12.57* | |
| | | *For 24 Gauge, Add* | *10.91* | |
| | | *For 22 Gauge, Add* | *21.83* | |
| | | *For 20 Gauge, Add* | *32.74* | |

### 07 71 23 00-0233 Half Round, Stainless Steel Gutters *(07 71 23 00-0229)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0234 | LF | 5", 26 Gauge, Half Round Stainless Steel Gutter | 46.82 | 4.11 |
| | | *For Up To 100', Add* | *5.70* | |
| | | *For >100' To 250', Add* | *2.68* | |
| | | *For >1,000', Deduct* | *-0.68* | |
| | | *For 316 Stainless Steel, Add* | *15.22* | |
| | | *For 24 Gauge, Add* | *13.21* | |
| | | *For 22 Gauge, Add* | *26.43* | |
| | | *For 20 Gauge, Add* | *39.64* | |
| 07 71 23 00-0235 | LF | 6", 26 Gauge, Half Round Stainless Steel Gutter | 57.08 | 4.33 |
| | | *For Up To 100', Add* | *6.77* | |
| | | *For >100' To 250', Add* | *3.21* | |
| | | *For >1,000', Deduct* | *-0.71* | |
| | | *For 316 Stainless Steel, Add* | *18.99* | |
| | | *For 24 Gauge, Add* | *16.49* | |
| | | *For 22 Gauge, Add* | *32.98* | |
| | | *For 20 Gauge, Add* | *49.47* | |

### 07 71 23 00-0236 Box Style, Stainless Steel Gutters *(07 71 23 00-0229)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0237 | LF | 5", 26 Gauge, Box Style Stainless Steel Gutter | 45.50 | 4.67 |
| | | *For Up To 100', Add* | *5.72* | |
| | | *For >100' To 250', Add* | *2.66* | |
| | | *For >1,000', Deduct* | *-0.78* | |
| | | *For 316 Stainless Steel, Add* | *14.33* | |
| | | *For 24 Gauge, Add* | *12.44* | |
| | | *For 22 Gauge, Add* | *24.89* | |
| | | *For 20 Gauge, Add* | *37.33* | |
| | | *For 18 Gauge, Add* | *62.60* | |
| | | *For Seamless Gutter, Add* | *-0.72* | |
| 07 71 23 00-0238 | LF | 6", 26 Gauge, Box Style Stainless Steel Gutter | 55.82 | 5.12 |
| | | *For Up To 100', Add* | *6.85* | |
| | | *For >100' To 250', Add* | *3.21* | |
| | | *For >1,000', Deduct* | *-0.85* | |
| | | *For 316 Stainless Steel, Add* | *18.00* | |
| | | *For 24 Gauge, Add* | *15.63* | |
| | | *For 22 Gauge, Add* | *31.26* | |
| | | *For 20 Gauge, Add* | *46.90* | |
| | | *For 18 Gauge, Add* | *78.63* | |
| | | *For Seamless Gutter, Add* | *-1.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0239 | LF | 7", 26 Gauge, Box Style Stainless Steel Gutter | 66.25 | 5.45 |
| | | *For Up To 100', Add* | *7.98* | |
| | | *For >100' To 250', Add* | *3.76* | |
| | | *For >1,000', Deduct* | *-0.90* | |
| | | *For 316 Stainless Steel, Add* | *21.76* | |
| | | *For 24 Gauge, Add* | *18.89* | |
| | | *For 22 Gauge, Add* | *37.79* | |
| | | *For 20 Gauge, Add* | *56.68* | |
| | | *For 18 Gauge, Add* | *95.04* | |
| | | *For Seamless Gutter, Add* | *-1.51* | |
| 07 71 23 00-0240 | LF | 8", 26 Gauge, Box Style Stainless Steel Gutter | 72.11 | 5.78 |
| | | *For Up To 100', Add* | *8.65* | |
| | | *For >100' To 250', Add* | *4.08* | |
| | | *For >1,000', Deduct* | *-0.96* | |
| | | *For 316 Stainless Steel, Add* | *23.77* | |
| | | *For 24 Gauge, Add* | *20.64* | |
| | | *For 22 Gauge, Add* | *41.28* | |
| | | *For 20 Gauge, Add* | *61.92* | |
| | | *For 18 Gauge, Add* | *103.83* | |
| | | *For Seamless Gutter, Add* | *-1.69* | |

### 07 71 23 00-0241 Stainless Steel Gutter End Caps *(07 71 23 00-0228)*

### 07 71 23 00-0242 K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0243 | EA | 5", K-Style Stainless Steel Gutter End Cap | 10.50 | |
| | | *For 316 Stainless Steel, Add* | *3.14* | |
| 07 71 23 00-0244 | EA | 6", K-Style Stainless Steel Gutter End Cap | 12.16 | |
| | | *For 316 Stainless Steel, Add* | *3.77* | |

### 07 71 23 00-0245 Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0246 | EA | 5", Half Round Stainless Steel Gutter End Cap | 12.57 | |
| | | *For 316 Stainless Steel, Add* | *3.93* | |
| 07 71 23 00-0247 | EA | 6", Half Round Stainless Steel Gutter End Cap | 14.64 | |
| | | *For 316 Stainless Steel, Add* | *4.72* | |

### 07 71 23 00-0248 Box Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0249 | EA | 5", Box Style Stainless Steel Gutter End Cap | 13.12 | |
| | | *For 316 Stainless Steel, Add* | *3.93* | |
| 07 71 23 00-0250 | EA | 6", Box Style Stainless Steel Gutter End Cap | 15.19 | |
| | | *For 316 Stainless Steel, Add* | *4.72* | |
| 07 71 23 00-0251 | EA | 7", Box Style Stainless Steel Gutter End Cap | 15.99 | |
| | | *For 316 Stainless Steel, Add* | *5.09* | |
| 07 71 23 00-0252 | EA | 8", Box Style Stainless Steel Gutter End Cap | 19.46 | |
| | | *For 316 Stainless Steel, Add* | *6.27* | |

### 07 71 23 00-0253 Stainless Steel Gutter Miters *(07 71 23 00-0228)*

Note: Inside or outside box miters.

### 07 71 23 00-0254 K-Style, Stainless Steel Gutter Miters *(07 71 23 00-0253)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0255 | EA | 5", K-Style Stainless Steel Gutter Miter | 53.97 | |
| | | *For 316 Stainless Steel, Add* | *16.24* | |
| 07 71 23 00-0256 | EA | 6", K-Style Stainless Steel Gutter Miter | 87.84 | |
| | | *For 316 Stainless Steel, Add* | *28.82* | |

### 07 71 23 00-0257 Half Round, Stainless Steel Gutter Miters *(07 71 23 00-0253)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0258 | EA | 5", Half Round Stainless Steel Gutter Miter | 136.69 | |
| | | *For 316 Stainless Steel, Add* | *47.67* | |
| 07 71 23 00-0259 | EA | 6", Half Round Stainless Steel Gutter Miter | 167.75 | |
| | | *For 316 Stainless Steel, Add* | *59.18* | |

### 07 71 23 00-0260 Box-Style, Stainless Steel Gutter Miters *(07 71 23 00-0253)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0261 | EA | 5", Box-Style Stainless Steel Gutter Miter | 62.52 | |
| | | *For 316 Stainless Steel, Add* | *19.49* | |
| 07 71 23 00-0262 | EA | 6", Box-Style Stainless Steel Gutter Miter | 103.00 | |
| | | *For 316 Stainless Steel, Add* | *34.58* | |
| 07 71 23 00-0263 | EA | 7", Box-Style Stainless Steel Gutter Miter | 118.94 | |
| | | *For 316 Stainless Steel, Add* | *40.34* | |
| 07 71 23 00-0264 | EA | 8", Box-Style Stainless Steel Gutter Miter | 135.01 | |
| | | *For 316 Stainless Steel, Add* | *46.11* | |

### 07 71 23 00-0265 Stainless Steel Gutter Wire Strainers *(07 71 23 00-0228)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0266 | EA | 3" Diameter, Round Stainless Steel Wire Strainer | 40.37 | 2.78 |
| 07 71 23 00-0267 | EA | 4" Diameter, Round Stainless Steel Wire Strainer | 41.32 | 2.78 |

### 07 71 23 00-0268 Stainless Steel Downspouts *(07 71 23 00-0228)*

Note: Includes elbows, hangers and fasteners.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 71 23 00-0269** | | **Round Stainless Steel Downspouts** *(07 71 23 00-0268)* | | |
| 07 71 23 00-0270 | LF | 3" Diameter, 26 Gauge, Round Stainless Steel Downspout | 19.98 | 2.67 |
| | | *For Up To 100', Add* | *2.43* | |
| | | *For >100 To 250', Add* | *1.14* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For 316 Stainless Steel, Add* | *6.49* | |
| | | *For 24 Gauge, Add* | *5.64* | |
| | | *For 22 Gauge, Add* | *11.28* | |
| | | *For 20 Gauge, Add* | *16.92* | |
| 07 71 23 00-0271 | LF | 4" Diameter, 26 Gauge, Round Stainless Steel Downspout | 26.60 | 2.67 |
| | | *For Up To 100', Add* | *3.09* | |
| | | *For >100 To 250', Add* | *1.47* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For 316 Stainless Steel, Add* | *9.01* | |
| | | *For 24 Gauge, Add* | *7.82* | |
| | | *For 22 Gauge, Add* | *15.65* | |
| | | *For 20 Gauge, Add* | *23.47* | |
| 07 71 23 00-0272 | LF | 5" Diameter, 26 Gauge, Round Stainless Steel Downspout | 39.12 | 2.67 |
| | | *For Up To 100', Add* | *4.35* | |
| | | *For >100 To 250', Add* | *2.10* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For 316 Stainless Steel, Add* | *13.77* | |
| | | *For 24 Gauge, Add* | *11.96* | |
| | | *For 22 Gauge, Add* | *23.91* | |
| | | *For 20 Gauge, Add* | *35.87* | |
| **07 71 23 00-0273** | | **Rectangular Stainless Steel Downspouts** *(07 71 23 00-0268)* | | |
| 07 71 23 00-0274 | LF | 2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout | 20.47 | 2.67 |
| | | *For Up To 100', Add* | *2.48* | |
| | | *For >100 To 250', Add* | *1.17* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For 316 Stainless Steel, Add* | *6.68* | |
| | | *For 24 Gauge, Add* | *5.80* | |
| | | *For 22 Gauge, Add* | *11.60* | |
| | | *For 20 Gauge, Add* | *17.40* | |
| | | *For 18 Gauge, Add* | *29.18* | |
| 07 71 23 00-0275 | LF | 3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout | 27.60 | 2.67 |
| | | *For Up To 100', Add* | *3.19* | |
| | | *For >100 To 250', Add* | *1.52* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For 316 Stainless Steel, Add* | *9.39* | |
| | | *For 24 Gauge, Add* | *8.15* | |
| | | *For 22 Gauge, Add* | *16.31* | |
| | | *For 20 Gauge, Add* | *24.46* | |
| | | *For 18 Gauge, Add* | *41.02* | |
| 07 71 23 00-0276 | LF | 4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout | 35.94 | 2.67 |
| | | *For Up To 100', Add* | *4.03* | |
| | | *For >100 To 250', Add* | *1.94* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| | | *For 316 Stainless Steel, Add* | *12.56* | |
| | | *For 24 Gauge, Add* | *10.91* | |
| | | *For 22 Gauge, Add* | *21.81* | |
| | | *For 20 Gauge, Add* | *32.72* | |
| | | *For 18 Gauge, Add* | *54.86* | |
| **07 71 23 00-0277** | | **Stainless Steel Devices** *(07 71 23 00-0228)* | | |
| 07 71 23 00-0278 | EA | Thru-Wall Stainless Steel Scupper Outlet | 212.01 | 25.02 |
| | | *For 316 Stainless Steel, Add* | *48.88* | |
| 07 71 23 00-0279 | EA | Stainless Steel Leader/Conductor Head | 480.95 | 25.02 |
| | | *For 316 Stainless Steel, Add* | *161.64* | |
| **07 71 23 00-0280** | | **Vinyl Gutters And Downspouts** *(07 71 23)* | | |
| **07 71 23 00-0281** | | **Vinyl Gutters** *(07 71 23 00-0280)* | | |
| | | Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts. | | |
| **07 71 23 00-0282** | | **K-Style Vinyl Gutters** *(07 71 23 00-0281)* | | |
| 07 71 23 00-0283 | LF | 4", K-Style Vinyl Gutter | 10.44 | 2.78 |
| | | *For Up To 100', Add* | *1.74* | |
| | | *For >100' To 250', Add* | *0.75* | |
| | | *For >1,000', Deduct* | *-0.46* | |
| 07 71 23 00-0284 | LF | 5", K-Style Vinyl Gutter | 13.43 | 2.78 |
| | | *For Up To 100', Add* | *2.04* | |
| | | *For >100' To 250', Add* | *0.90* | |
| | | *For >1,000', Deduct* | *-0.46* | |
| **07 71 23 00-0285** | | **Half Round Vinyl Gutters** *(07 71 23 00-0281)* | | |
| 07 71 23 00-0286 | LF | 4", Half Round Vinyl Gutter | 10.78 | 2.78 |
| | | *For Up To 100', Add* | *1.77* | |
| | | *For >100' To 250', Add* | *0.77* | |
| | | *For >1,000', Deduct* | *-0.46* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0287 | LF | 5", Half Round Vinyl Gutter | 11.32 | 2.78 |
| | | *For Up To 100', Add* | *1.83* | |
| | | *For >100' To 250', Add* | *0.80* | |
| | | *For >1,000', Deduct* | *-0.46* | |
| 07 71 23 00-0288 | | Vinyl Gutter End Caps *(07 71 23 00-0280)* | | |
| 07 71 23 00-0289 | | K-Style, Vinyl Gutter End Caps *(07 71 23 00-0288)* | | |
| 07 71 23 00-0290 | EA | 4", K-Style Vinyl Gutter End Cap | 6.44 | |
| 07 71 23 00-0291 | EA | 5", K-Style Vinyl Gutter End Cap | 8.92 | |
| 07 71 23 00-0292 | | Half Round, Vinyl Gutter End Caps *(07 71 23 00-0288)* | | |
| 07 71 23 00-0293 | EA | 4", Half Round Vinyl Gutter End Cap | 7.36 | |
| 07 71 23 00-0294 | EA | 5", Half Round Vinyl Gutter End Cap | 6.95 | |
| 07 71 23 00-0295 | | Vinyl Gutter Miters *(07 71 23 00-0280)*<br>Note: Inside or outside miters. | | |
| 07 71 23 00-0296 | | K-Style, Vinyl Gutter Miters *(07 71 23 00-0295)* | | |
| 07 71 23 00-0297 | EA | 4", K-Style Vinyl Gutter Miter | 16.00 | |
| 07 71 23 00-0298 | EA | 5", K-Style Vinyl Gutter Miter | 24.01 | |
| 07 71 23 00-0299 | | Half Round, Vinyl Gutter Miters *(07 71 23 00-0295)* | | |
| 07 71 23 00-0300 | EA | 4", Half Round Vinyl Gutter Miter | 16.00 | |
| 07 71 23 00-0301 | EA | 5", Half Round Vinyl Gutter Miter | 17.38 | |
| 07 71 23 00-0302 | | Vinyl Downspouts *(07 71 23 00-0280)*<br>Note: Includes elbows, hangers and fasteners. | | |
| 07 71 23 00-0303 | | Round Vinyl Downspouts *(07 71 23 00-0302)* | | |
| 07 71 23 00-0304 | LF | 2-1/2" Diameter, Round Vinyl Downspout | 6.85 | 2.67 |
| | | *For Up To 100', Add* | *1.12* | |
| | | *For >100 To 250', Add* | *0.49* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0305 | LF | 3" Diameter, Round Vinyl Downspout | 7.15 | 2.67 |
| | | *For Up To 100', Add* | *1.15* | |
| | | *For >100 To 250', Add* | *0.50* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0306 | | Square Vinyl Downspouts *(07 71 23 00-0302)* | | |
| 07 71 23 00-0307 | LF | 2-1/2", Square Vinyl Downspout | 6.73 | 2.67 |
| | | *For Up To 100', Add* | *1.11* | |
| | | *For >100 To 250', Add* | *0.48* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0308 | | Rectangular Vinyl Downspouts *(07 71 23 00-0302)* | | |
| 07 71 23 00-0309 | LF | 2" x 3", Rectangular Vinyl Downspout | 8.61 | 2.67 |
| | | *For Up To 100', Add* | *1.29* | |
| | | *For >100 To 250', Add* | *0.58* | |
| | | *For >1,000', Deduct* | *-0.29* | |
| 07 71 23 00-0310 | | Gutter And Downspout Boots *(07 71 23)* | | |
| 07 71 23 00-0311 | | Cast Iron Roof Drainage Downspout Boots *(07 71 23 00-0310)* | | |
| 07 71 23 00-0312 | EA | 2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot | 294.37 | 4.00 |
| 07 71 23 00-0313 | EA | 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot | 383.87 | 4.00 |
| 07 71 23 00-0314 | EA | 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot | 458.30 | 4.00 |
| 07 71 23 00-0315 | | Cast Iron Roof Drainage Downspout Boots With Cleanouts *(07 71 23 00-0310)* | | |
| 07 71 23 00-0316 | EA | 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout | 509.49 | 4.00 |
| 07 71 23 00-0317 | EA | 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout | 622.55 | 4.00 |
| 07 71 23 00-0318 | EA | 5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout | 1,130.28 | 4.00 |
| 07 71 23 00-0319 | | Wall Mounted Downspout Covers With Hinged Perforated Cover *(07 71 23)* | | |
| 07 71 23 00-0320 | EA | 3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03) | 1,022.96 | 28.87 |
| | | *For Polished Brass Finish (-PB), Add* | *96.52* | |
| | | *For Chrome Plated Finish (-CP), Add* | *144.78* | |
| | | *For Vandal Proof (-U), Add* | *48.26* | |
| 07 71 23 00-0321 | EA | 4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04) | 1,042.20 | 38.49 |
| | | *For Polished Brass Finish (-PB), Add* | *96.52* | |
| | | *For Chrome Plated Finish (-CP), Add* | *144.78* | |
| | | *For Vandal Proof (-U), Add* | *48.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 23 00-0322 | EA | 6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06) | 1,114.60 | 47.59 |
| | | *For Polished Brass Finish (-PB), Add* | *101.94* | |
| | | *For Chrome Plated Finish (-CP), Add* | *152.91* | |
| | | *For Vandal Proof (-U), Add* | *50.97* | |
| 07 71 23 00-0323 | EA | 8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08) | 1,188.65 | 60.09 |
| | | *For Polished Brass Finish (-PB), Add* | *106.85* | |
| | | *For Chrome Plated Finish (-CP), Add* | *160.27* | |
| | | *For Vandal Proof (-U), Add* | *53.42* | |
| 07 71 23 00-0324 | EA | 10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10) | 1,278.66 | 74.03 |
| | | *For Polished Brass Finish (-PB), Add* | *113.06* | |
| | | *For Chrome Plated Finish (-CP), Add* | *169.59* | |
| | | *For Vandal Proof (-U), Add* | *56.53* | |
| 07 71 23 00-0325 | EA | 12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12) | 1,405.99 | 103.35 |
| | | *For Polished Brass Finish (-PB), Add* | *119.93* | |
| | | *For Chrome Plated Finish (-CP), Add* | *179.89* | |
| | | *For Vandal Proof (-U), Add* | *59.96* | |
| 07 71 23 00-0326 | EA | 15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15) | 1,554.48 | 143.73 |
| | | *For Polished Brass Finish (-PB), Add* | *126.70* | |
| | | *For Chrome Plated Finish (-CP), Add* | *190.05* | |
| | | *For Vandal Proof (-U), Add* | *63.35* | |

### 07 71 23 00-0327 Wall Mounted Downspout Nozzle *(07 71 23)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0328 | EA | 3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03) | 266.11 | 28.87 |
| | | *For Nickel Bronze Finish (-NB), Add* | *145.86* | |
| | | *For Polished Bronze Finish (-PB), Add* | *114.60* | |
| | | *For Chrome Plated Finish (-CP), Add* | *185.45* | |
| 07 71 23 00-0329 | EA | 4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04) | 285.35 | 38.49 |
| | | *For Nickel Bronze Finish (-NB), Add* | *145.86* | |
| | | *For Polished Bronze Finish (-PB), Add* | *114.60* | |
| | | *For Chrome Plated Finish (-CP), Add* | *185.45* | |
| 07 71 23 00-0330 | EA | 6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06) | 589.47 | 47.59 |
| | | *For Nickel Bronze Finish (-NB), Add* | *148.29* | |
| | | *For Polished Bronze Finish (-PB), Add* | *84.03* | |
| | | *For Chrome Plated Finish (-CP), Add* | *217.49* | |
| 07 71 23 00-0331 | EA | 8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08) | 870.49 | 60.09 |
| | | *For Nickel Bronze Finish (-NB), Add* | *127.55* | |
| | | *For Polished Bronze Finish (-PB), Add* | *97.54* | |
| | | *For Chrome Plated Finish (-CP), Add* | *217.59* | |
| 07 71 23 00-0332 | EA | 10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10) | 1,122.15 | 74.03 |
| | | *For Nickel Bronze Finish (-NB), Add* | *165.60* | |
| | | *For Polished Bronze Finish (-PB), Add* | *126.63* | |
| | | *For Chrome Plated Finish (-CP), Add* | *282.49* | |
| 07 71 23 00-0333 | EA | 12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12) | 1,432.15 | 103.35 |
| | | *For Nickel Bronze Finish (-NB), Add* | *208.33* | |
| | | *For Polished Bronze Finish (-PB), Add* | *159.31* | |
| | | *For Chrome Plated Finish (-CP), Add* | *355.38* | |

### 07 71 23 00-0334 Leaf Guards And Cleaning *(07 71 23)*

| | | | | |
|---|---|---|---|---|
| 07 71 23 00-0335 | LF | Aluminum Mesh Gutter Leaf Guard | 2.63 | 0.69 |
| | | *For Up To 100', Add* | *0.47* | |
| | | *For >100' To 250', Add* | *0.20* | |
| | | *For >1,000', Deduct* | *-0.14* | |
| 07 71 23 00-0336 | LF | Vinyl Mesh Gutter Leaf Guard | 2.40 | 0.69 |
| | | *For Up To 100', Add* | *0.44* | |
| | | *For >100' To 250', Add* | *0.19* | |
| | | *For >1,000', Deduct* | *-0.14* | |
| 07 71 23 00-0337 | LF | 6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire | 12.08 | 0.86 |
| | | *For Up To 100', Add* | *1.47* | |
| | | *For >100' To 250', Add* | *0.69* | |
| | | *For >1,000', Deduct* | *-0.17* | |
| 07 71 23 00-0338 | LF | 9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire | 17.28 | 0.86 |
| | | *For Up To 100', Add* | *1.99* | |
| | | *For >100' To 250', Add* | *0.95* | |
| | | *For >1,000', Deduct* | *-0.17* | |
| 07 71 23 00-0339 | LF | 6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh | 9.19 | 0.86 |
| | | *For Up To 100', Add* | *1.12* | |
| | | *For >100' To 250', Add* | *0.53* | |
| | | *For >1,000', Deduct* | *-0.14* | |
| 07 71 23 00-0340 | LF | 9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh | 14.17 | 0.86 |
| | | *For Up To 100', Add* | *1.62* | |
| | | *For >100' To 250', Add* | *0.78* | |
| | | *For >1,000', Deduct* | *-0.14* | |
| 07 71 23 00-0341 | EA | Cleanout Roof Drain | 108.93 | |
| | | Note: Includes removing dome and flushing. | | |
| 07 71 23 00-0342 | LF | Cleanout Roof Gutters And Downspouts | 1.26 | |

## 07 71 26 Reglets *(07 71)*

### 07 71 26 00-0001 Counter Flashing With Reglet *(07 71 26)*

Note: Includes reglet cut.

### 07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

### 07 71 26 00-0003 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 71 26 00-0004 | LF | 28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet | 14.63 | 3.41 |
| 07 71 26 00-0005 | LF | 26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet | 14.84 | 3.41 |
| 07 71 26 00-0006 | LF | 24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet | 15.21 | 3.41 |
| 07 71 26 00-0007 | LF | 22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet | 16.63 | 3.41 |
| 07 71 26 00-0008 | LF | 20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet | 17.43 | 3.41 |
| 07 71 26 00-0009 | LF | 18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet | 18.36 | 3.41 |
| 07 71 26 00-0010 | | KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)* | | |
| 07 71 26 00-0011 | LF | 28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet | 18.14 | 3.41 |
| 07 71 26 00-0012 | LF | 26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet | 18.45 | 3.41 |
| 07 71 26 00-0013 | LF | 24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet | 18.99 | 3.41 |
| 07 71 26 00-0014 | LF | 22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet | 21.03 | 3.41 |
| 07 71 26 00-0015 | LF | 20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet | 22.20 | 3.41 |
| 07 71 26 00-0016 | LF | 18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet | 23.55 | 3.41 |
| 07 71 26 00-0017 | | Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)* | | |
| 07 71 26 00-0018 | | KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)* | | |
| 07 71 26 00-0019 | LF | 0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet | 11.37 | 3.41 |
| 07 71 26 00-0020 | LF | 0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet | 12.08 | 3.41 |
| 07 71 26 00-0021 | LF | 0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet | 12.80 | 3.41 |
| 07 71 26 00-0022 | LF | 0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet | 13.32 | 3.41 |
| 07 71 26 00-0023 | LF | 0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet | 14.47 | 3.41 |
| 07 71 26 00-0024 | LF | 0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet | 16.14 | 3.41 |
| 07 71 26 00-0025 | | Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)* | | |
| 07 71 26 00-0026 | LF | 0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet | 9.73 | 3.41 |
| 07 71 26 00-0027 | LF | 0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet | 10.18 | 3.41 |
| 07 71 26 00-0028 | LF | 0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet | 10.64 | 3.41 |
| 07 71 26 00-0029 | LF | 0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet | 10.97 | 3.41 |
| 07 71 26 00-0030 | LF | 0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet | 11.71 | 3.41 |
| 07 71 26 00-0031 | LF | 0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet | 12.78 | 3.41 |
| 07 71 26 00-0032 | | Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)* | | |
| 07 71 26 00-0033 | LF | 0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet | 11.03 | 3.41 |
| 07 71 26 00-0034 | LF | 0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet | 11.69 | 3.41 |
| 07 71 26 00-0035 | LF | 0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet | 12.36 | 3.41 |
| 07 71 26 00-0036 | LF | 0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet | 12.84 | 3.41 |
| 07 71 26 00-0037 | LF | 0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet | 13.90 | 3.41 |
| 07 71 26 00-0038 | LF | 0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet | 15.45 | 3.41 |
| 07 71 26 00-0039 | | Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)* | | |
| 07 71 26 00-0040 | | Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)* | | |
| 07 71 26 00-0041 | LF | 24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet | 13.80 | 3.41 |
| 07 71 26 00-0042 | LF | 20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet | 15.03 | 3.41 |
| 07 71 26 00-0043 | | Copper Counter Flashing With Reglet *(07 71 26 00-0001)* | | |
| 07 71 26 00-0044 | | Copper Counter Flashing With Reglet *(07 71 26 00-0043)* | | |
| 07 71 26 00-0045 | LF | 16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet | 45.80 | 3.41 |

## 07 72 Roof Accessories *(07 70)*

### 07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*
Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashinig and trim.

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*
Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0005 | EA | 26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 447.56 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *37.98* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *82.74* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0006 | EA | 26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 460.84 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *39.31* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *85.39* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *50.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *102.92* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *121.63* | |
| 07 72 13 00-0007 | EA | 26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 484.41 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *40.82* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *89.26* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0008 | EA | 26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 535.31 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *45.91* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *99.44* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *82.33* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *166.54* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *179.64* | |
| 07 72 13 00-0009 | EA | 26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 572.93 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *49.67* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *106.96* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0010 | EA | 26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 740.36 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *65.57* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *139.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *136.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *220.80* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *256.35* | |
| 07 72 13 00-0011 | EA | 38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 465.27 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *39.75* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *86.28* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *9.82* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.67* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *118.35* | |
| 07 72 13 00-0012 | EA | 38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 486.62 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *41.04* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *89.70* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *78.59* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *157.18* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *188.99* | |
| 07 72 13 00-0013 | EA | 38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 515.39 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *43.92* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *95.46* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0014 | EA | 38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 526.46 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *45.02* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *97.67* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0015 | EA | 38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 704.96 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *62.03* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *132.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0016 | EA | 38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 768.37 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *67.52* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *144.36* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *27.51* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *141.65* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *186.56* | |
| 07 72 13 00-0017 | EA | 50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 588.42 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *51.22* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *110.06* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0018 | EA | 50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 634.14 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *54.94* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *118.36* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *198.35* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *235.77* | |
| 07 72 13 00-0019 | EA | 50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 658.48 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *57.38* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *123.23* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0020 | EA | 50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 721.90 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *62.87* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *135.06* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *168.41* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *252.61* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *312.49* | |
| 07 72 13 00-0021 | EA | 51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 765.39 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *66.37* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *142.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0022 | EA | 51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 826.59 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *71.65* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *154.31* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *232.03* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *349.91* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *413.54* | |
| 07 72 13 00-0023 | EA | 62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 658.48 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *57.38* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *123.23* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0024 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 697.55 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *60.44* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *130.19* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0025 | EA | 62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 763.18 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *66.15* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *142.47* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *228.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *319.98* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *374.24* | |
| 07 72 13 00-0026 | EA | 62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 785.31 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *68.37* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *146.90* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0027 | EA | 62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 850.93 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *74.08* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *159.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *288.16* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *381.72* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *501.48* | |

### 07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0029 | EA | 26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 476.33 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *40.86* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *88.49* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0030 | EA | 26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 482.97 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *41.52* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *89.82* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *50.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *102.92* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *121.63* | |
| 07 72 13 00-0031 | EA | 26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 506.54 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *43.03* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *93.69* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0032 | EA | 26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 564.08 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *48.79* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *105.19* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *82.33* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *166.54* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *179.64* | |
| 07 72 13 00-0033 | EA | 26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 606.12 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *52.99* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *113.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0034 | EA | 26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 766.92 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *68.22* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *144.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *136.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *220.80* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *256.35* | |
| 07 72 13 00-0035 | EA | 38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 485.18 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *41.74* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *90.26* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *9.82* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.67* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *118.35* | |
| 07 72 13 00-0036 | EA | 38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 546.37 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *47.01* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *101.65* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *78.59* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *157.18* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *188.99* | |
| 07 72 13 00-0037 | EA | 38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 590.63 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *51.44* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *110.50* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0038 | EA | 38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 641.53 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *56.53* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *120.68* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0039 | EA | 38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 740.36 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *65.57* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *139.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0040 | EA | 38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 812.63 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *71.95* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *153.21* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *27.51* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *141.65* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *186.56* | |
| 07 72 13 00-0041 | EA | 50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 614.98 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *53.88* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *115.37* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0042 | EA | 50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 656.27 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *57.16* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *122.78* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *198.35* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *235.77* | |
| 07 72 13 00-0043 | EA | 50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 691.68 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *60.70* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *129.87* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0044 | EA | 50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 757.30 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *66.41* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *142.14* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *168.41* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *252.61* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *312.49* | |
| 07 72 13 00-0045 | EA | 51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 807.44 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *70.58* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *151.32* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0046 | EA | 51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 875.28 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *76.52* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *164.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *232.03* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *349.91* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *413.54* | |
| 07 72 13 00-0047 | EA | 62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 691.68 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *60.70* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *129.87* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0048 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 732.96 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *63.98* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *137.27* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0049 | EA | 62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 800.80 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *69.92* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *150.00* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *228.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *319.98* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *374.24* | |
| 07 72 13 00-0050 | EA | 62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 829.57 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *72.79* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *155.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0051 | EA | 62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 899.62 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *78.95* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *168.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *288.16* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *381.72* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *501.48* | |

## 07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0053 | EA | 26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 491.82 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *42.41* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *91.59* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0054 | EA | 26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 498.46 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *43.07* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *92.92* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *50.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *102.92* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *121.63* | |
| 07 72 13 00-0055 | EA | 26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 517.60 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *44.14* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *95.90* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0056 | EA | 26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 581.78 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *50.56* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *108.73* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *82.33* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *166.54* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *179.64* | |
| 07 72 13 00-0057 | EA | 26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 630.47 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *55.42* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *118.47* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0058 | EA | 26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 797.90 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *71.32* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *151.11* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *136.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *220.80* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *256.35* | |
| 07 72 13 00-0059 | EA | 38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 498.46 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *43.07* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *92.92* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *9.82* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.67* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *118.35* | |
| 07 72 13 00-0060 | EA | 38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 517.60 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *44.14* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *95.90* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *78.59* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *157.18* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *188.99* | |
| 07 72 13 00-0061 | EA | 38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 630.47 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *55.42* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *118.47* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0062 | EA | 38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 683.58 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *60.74* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *129.09* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0063 | EA | 38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 766.92 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *68.22* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *144.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0064 | EA | 38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 841.40 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *74.82* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *158.96* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *27.51* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *141.65* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *186.56* | |
| 07 72 13 00-0065 | EA | 50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 632.68 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *55.65* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *118.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0066 | EA | 50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 601.66 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *51.70* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *111.86* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *198.35* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *235.77* | |
| 07 72 13 00-0067 | EA | 50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 713.81 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *62.91* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *134.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0068 | EA | 50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 783.86 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *69.07* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *147.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *168.41* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *252.61* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *312.49* | |
| 07 72 13 00-0069 | EA | 51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 833.99 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *73.23* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *156.63* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0070 | EA | 51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 906.26 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *79.61* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *170.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *232.03* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *349.91* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *413.54* | |
| 07 72 13 00-0071 | EA | 62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 713.81 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *62.91* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *134.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0072 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 757.30 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *66.41* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *142.14* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0073 | EA | 62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 829.57 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *72.79* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *155.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *228.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *319.98* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *374.24* | |
| 07 72 13 00-0074 | EA | 62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 858.34 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *75.67* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *161.50* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0075 | EA | 62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 932.82 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *82.27* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *175.55* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *288.16* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *381.72* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *501.48* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0076 | | 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)* | | |
| 07 72 13 00-0077 | | 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)* | | |
| 07 72 13 00-0078 | EA | 26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 423.22 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *35.55* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *77.87* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0079 | EA | 26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 451.99 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *38.42* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *83.62* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *50.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *102.92* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *121.63* | |
| 07 72 13 00-0080 | EA | 26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 524.24 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *44.80* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *97.23* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0081 | EA | 26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 590.63 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *51.44* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *110.50* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *82.33* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *166.54* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *179.64* | |
| 07 72 13 00-0082 | EA | 26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 639.32 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *56.31* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *120.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0083 | EA | 26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 833.31 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *74.86* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *158.19* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *136.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *220.80* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *256.35* | |
| 07 72 13 00-0084 | EA | 38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 505.10 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *43.73* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *94.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *9.82* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.67* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *118.35* | |
| 07 72 13 00-0085 | EA | 38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 541.95 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *46.57* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *100.77* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *78.59* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *157.18* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *188.99* | |
| 07 72 13 00-0086 | EA | 38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 564.08 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *48.79* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *105.19* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0087 | EA | 38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 584.00 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *50.78* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *109.18* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0088 | EA | 38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 780.20 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *69.55* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *147.57* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0089 | EA | 38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 856.89 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *76.37* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *162.06* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *27.51* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *141.65* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *186.56* | |
| 07 72 13 00-0090 | EA | 50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 641.53 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *56.53* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *120.68* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0091 | EA | 50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 689.47 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *60.48* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *129.42* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *198.35* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *235.77* | |
| 07 72 13 00-0092 | EA | 50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 724.87 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *64.02* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *136.50* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0093 | EA | 50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 797.14 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *70.40* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *150.11* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *168.41* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *252.61* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *312.49* | |
| 07 72 13 00-0094 | EA | 51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 847.27 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *74.56* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *159.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0095 | EA | 51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 921.75 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *81.16* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *173.34* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *232.03* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *349.91* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *413.54* | |
| 07 72 13 00-0096 | EA | 62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 724.87 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *64.02* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *136.50* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0097 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 768.37 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *67.52* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *144.36* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0098 | EA | 62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 842.85 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *74.12* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *158.41* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *228.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *319.98* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *374.24* | |
| 07 72 13 00-0099 | EA | 62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 873.83 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *77.22* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *164.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0100 | EA | 62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 950.52 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *84.04* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *179.09* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *288.16* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *381.72* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *501.48* | |

### 07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0102 | EA | 26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 443.14 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *37.54* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *81.85* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0103 | EA | 26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 476.33 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *40.86* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *88.49* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *50.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *102.92* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *121.63* | |
| 07 72 13 00-0104 | EA | 26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 557.44 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *48.12* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *103.87* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0105 | EA | 26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 630.47 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *55.42* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *118.47* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *82.33* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *166.54* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *179.64* | |
| 07 72 13 00-0106 | EA | 26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 690.22 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *61.40* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *130.42* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0107 | EA | 26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 842.16 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *75.75* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *159.96* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *136.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *220.80* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *256.35* | |
| 07 72 13 00-0108 | EA | 38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 533.87 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *46.61* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *100.00* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *9.82* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.67* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *118.35* | |
| 07 72 13 00-0109 | EA | 38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 577.36 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *50.11* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *107.85* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *78.59* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *157.18* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *188.99* | |
| 07 72 13 00-0110 | EA | 38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 606.12 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *52.99* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *113.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0111 | EA | 38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 632.68 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *55.65* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *118.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0112 | EA | 38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 833.31 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *74.86* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *158.19* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0113 | EA | 38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 921.07 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *82.79* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *174.90* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *27.51* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *141.65* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *186.56* | |
| 07 72 13 00-0114 | EA | 50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 681.37 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *60.51* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *128.65* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0115 | EA | 50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 733.73 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *64.90* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *138.28* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *198.35* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *235.77* | |
| 07 72 13 00-0116 | EA | 50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 775.77 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *69.11* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *146.68* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0117 | EA | 50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 850.25 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *75.71* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *160.73* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *168.41* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *252.61* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *312.49* | |
| 07 72 13 00-0118 | EA | 51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 909.24 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *80.76* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *171.68* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0119 | EA | 51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 992.57 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *88.25* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *187.50* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *232.03* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *349.91* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *413.54* | |
| 07 72 13 00-0120 | EA | 62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 775.77 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *69.11* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *146.68* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0121 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 825.91 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *73.27* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *155.86* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0122 | EA | 62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 904.81 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *80.32* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *170.80* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *228.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *319.98* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *374.24* | |
| 07 72 13 00-0123 | EA | 62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 938.01 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *83.64* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *177.44* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0124 | EA | 62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 1,025.76 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *91.56* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *194.14* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *288.16* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *381.72* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *501.48* | |

### 07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0126 | EA | 26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 458.63 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *39.09* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *84.95* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0127 | EA | 26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 494.04 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *42.63* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *92.03* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *50.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *102.92* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *121.63* | |
| 07 72 13 00-0128 | EA | 26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 577.36 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *50.11* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *107.85* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0129 | EA | 26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 657.02 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *58.08* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *123.78* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *82.33* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *166.54* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *179.64* | |
| 07 72 13 00-0130 | EA | 26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 723.41 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *64.72* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *137.06* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0131 | EA | 26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 912.98 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *82.83* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *174.13* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *136.60* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *220.80* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *256.35* | |
| 07 72 13 00-0132 | EA | 38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 556.00 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *48.82* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *104.42* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *9.82* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.67* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *118.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0133 | EA | 38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 614.98 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *53.88* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *115.37* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *78.59* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *157.18* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *188.99* | |
| 07 72 13 00-0134 | EA | 38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 654.81 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *57.86* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *123.34* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0135 | EA | 38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 663.66 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *58.74* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *125.11* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0136 | EA | 38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 873.14 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *78.84* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *166.16* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0137 | EA | 38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 965.33 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *87.22* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *183.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *27.51* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *141.65* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *186.56* | |
| 07 72 13 00-0138 | EA | 50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 707.92 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *63.17* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *133.96* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0139 | EA | 50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 670.89 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *58.62* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *125.71* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *198.35* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *235.77* | |
| 07 72 13 00-0140 | EA | 50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 808.97 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *72.43* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *153.32* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0141 | EA | 50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 890.08 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *79.69* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *168.70* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *168.41* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *252.61* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *312.49* | |
| 07 72 13 00-0142 | EA | 51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 949.07 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *84.74* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *179.65* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0143 | EA | 51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 1,041.25 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *93.11* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *197.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *232.03* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *349.91* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *413.54* | |
| 07 72 13 00-0144 | EA | 62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 808.97 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *72.43* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *153.32* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0145 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 865.74 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *77.26* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *163.83* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0146 | EA | 62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 942.43 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *84.08* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *178.32* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *228.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *319.98* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *374.24* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0147 | EA | 62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 982.27 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *88.06* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *186.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0148 | EA | 62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb | 1,074.45 | 110.12 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *96.43* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *203.88* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *288.16* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *381.72* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *501.48* | |

### 07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

### 07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0151 | EA | 14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 407.49 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *33.97* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *74.72* | |
| 07 72 13 00-0152 | EA | 23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 528.23 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *46.05* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *98.87* | |
| 07 72 13 00-0153 | EA | 32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 612.30 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *53.61* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *114.84* | |
| 07 72 13 00-0154 | EA | 41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 708.70 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *63.25* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *134.12* | |
| 07 72 13 00-0155 | EA | 50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 781.71 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *69.70* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *147.87* | |

### 07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0157 | EA | 14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 584.28 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *51.65* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *110.08* | |
| 07 72 13 00-0158 | EA | 23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 748.14 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *68.04* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *142.85* | |
| 07 72 13 00-0159 | EA | 32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 769.69 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *69.35* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *146.32* | |
| 07 72 13 00-0160 | EA | 41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 831.29 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *75.51* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *158.64* | |
| 07 72 13 00-0161 | EA | 50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 934.48 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *84.98* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *178.43* | |
| 07 72 13 00-0162 | EA | 64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 1,716.58 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *162.34* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *334.00* | |

### 07 72 13 00-0163 18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0164 | EA | 17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 874.72 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *80.70* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *168.17* | |
| 07 72 13 00-0165 | EA | 24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 1,042.27 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *97.45* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *201.68* | |
| 07 72 13 00-0166 | EA | 31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb | 1,258.17 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *118.19* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *244.01* | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0167 | | **Wood, Prefabricated Roof Curbs** *(07 72 13)*<br>Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim. | | |
| 07 72 13 00-0168 | | **Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0167)* | | |
| 07 72 13 00-0169 | | **2 x 6 Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0168)* | | |
| 07 72 13 00-0170 | EA | 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 287.10 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *21.93* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *50.64* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0171 | EA | 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 315.25 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *23.90* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *55.43* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0172 | EA | 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 363.91 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *28.77* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *65.16* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0173 | EA | 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 358.29 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *28.21* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *64.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0174 | EA | 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 371.39 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *29.52* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *66.66* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0175 | EA | 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 420.15 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *33.54* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *75.56* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0176 | EA | 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 367.65 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *29.14* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *65.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0177 | EA | 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 436.99 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *35.23* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *78.93* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0178 | EA | 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 470.87 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *36.92* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *84.01* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0179 | EA | 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 403.31 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *31.86* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *72.19* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0180 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 442.70 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *34.95* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *79.22* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0181 | EA | 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb | 508.30 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *40.67* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *91.50* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0182 | | **2 x 8 Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0168)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0183 | EA | 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 298.32 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *23.06* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *52.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0184 | EA | 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 328.35 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *25.21* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *58.05* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0185 | EA | 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 399.46 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *32.32* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *72.27* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0186 | EA | 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 380.75 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *30.45* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *68.53* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0187 | EA | 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 399.46 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *32.32* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *72.27* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0188 | EA | 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 448.22 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *36.35* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *81.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0189 | EA | 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 388.23 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *31.20* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *70.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0190 | EA | 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 463.19 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *37.85* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *84.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0191 | EA | 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 497.07 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *39.54* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *89.25* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0192 | EA | 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 423.89 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *33.92* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *76.31* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0193 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 467.03 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *37.39* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *84.09* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0194 | EA | 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb | 534.49 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *43.28* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *96.73* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |

## 07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0196 | EA | 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 305.81 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *23.80* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *54.39* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0197 | EA | 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 341.45 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *26.52* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *60.67* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0198 | EA | 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 403.20 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *32.70* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *73.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0199 | EA | 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 393.84 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *31.76* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *71.15* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0200 | EA | 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 416.30 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *34.01* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *75.64* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0201 | EA | 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 466.93 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *38.22* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *84.92* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0202 | EA | 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 401.33 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *32.51* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *72.64* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0203 | EA | 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 480.03 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *39.53* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *87.54* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0204 | EA | 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 513.91 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *41.23* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *92.62* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0205 | EA | 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 436.99 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *35.23* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *78.93* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0206 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 482.00 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *38.88* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *87.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0207 | EA | 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb | 553.20 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *45.16* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *100.48* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |

## 07 72 13 00-0208 2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0209 | EA | 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 315.17 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *24.74* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *56.26* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0210 | EA | 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 348.94 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *27.27* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *62.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0211 | EA | 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 420.04 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *34.38* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *76.39* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0212 | EA | 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 435.01 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *35.88* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *79.38* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0213 | EA | 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 487.51 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *40.28* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *89.03* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0214 | EA | 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 418.17 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *34.19* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *76.01* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0215 | EA | 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 498.74 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *41.40* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *91.28* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0216 | EA | 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 536.36 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *43.47* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *97.11* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0217 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb | 496.97 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *40.38* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *90.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |

07 72 13 00-0218 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0167)*

07 72 13 00-0219 2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

| | | | | |
|---|---|---|---|---|
| 07 72 13 00-0220 | EA | 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 302.07 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *23.43* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *53.64* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0221 | EA | 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 328.35 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *25.21* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *58.05* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0222 | EA | 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 388.23 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *31.20* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *70.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0223 | EA | 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 375.13 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *29.89* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *67.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0224 | EA | 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 391.97 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *31.57* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *70.77* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0225 | EA | 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 442.61 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *35.79* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *80.05* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0226 | EA | 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 384.49 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *30.83* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *69.28* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0227 | EA | 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 457.57 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *37.29* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *83.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0228 | EA | 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 491.45 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *38.98* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *88.13* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0229 | EA | 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 425.76 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *34.11* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *76.68* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0230 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 463.29 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *37.01* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *83.34* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0231 | EA | 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb | 534.49 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *43.28* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *96.73* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0232 | | 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)* | | |
| 07 72 13 00-0233 | EA | 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 315.17 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *24.74* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *56.26* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0234 | EA | 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 343.32 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *26.71* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *61.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0235 | EA | 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 410.69 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *33.45* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *74.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0236 | EA | 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 397.59 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *32.14* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *71.90* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0237 | EA | 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 421.91 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *34.57* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *76.76* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0238 | EA | 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 476.29 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *39.16* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *86.79* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0239 | EA | 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 410.69 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *33.45* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *74.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0240 | EA | 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 489.39 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *40.47* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *89.41* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0241 | EA | 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 527.01 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *42.54* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *95.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0242 | EA | 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 450.09 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *36.54* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *81.55* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 13 00-0243 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 491.36 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *39.82* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *88.95* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0244 | EA | 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb | 566.30 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *46.47* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *103.10* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |
| 07 72 13 00-0245 | | 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)* | | |
| 07 72 13 00-0246 | EA | 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 326.39 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *25.86* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *58.50* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0247 | EA | 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 358.29 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *28.21* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *64.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0248 | EA | 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 433.14 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *35.69* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *79.01* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0249 | EA | 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 414.43 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *33.82* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *75.26* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *97.30* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *179.64* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *205.83* | |
| 07 72 13 00-0250 | EA | 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 444.37 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *36.81* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *81.25* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0251 | EA | 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 500.61 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *41.59* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *91.65* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0252 | EA | 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 427.53 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *35.13* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *77.88* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0253 | EA | 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 509.97 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *42.53* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *93.52* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0254 | EA | 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 549.46 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *44.78* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *99.73* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0255 | EA | 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 468.80 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *38.41* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *85.29* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *23.02* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *84.77* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *155.87* | |
| 07 72 13 00-0256 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 511.94 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *41.88* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *93.07* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |
| 07 72 13 00-0257 | EA | 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb | 590.63 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *48.90* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *107.96* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *34.24* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *125.93* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *219.49* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 72 13 00-0258** | | **2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs** *(07 72 13 00-0218)* | | |
| 07 72 13 00-0259 | EA | 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 348.85 | 67.77 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *28.11* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *62.99* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *41.17* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *80.46* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *101.04* | |
| 07 72 13 00-0260 | EA | 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 369.52 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *29.33* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *66.28* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *61.75* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *127.24* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *140.34* | |
| 07 72 13 00-0261 | EA | 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 449.98 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *37.38* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *82.37* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.12* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *108.81* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *120.04* | |
| 07 72 13 00-0262 | EA | 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 463.08 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *38.69* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *84.99* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *17.40* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *107.22* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *131.55* | |
| 07 72 13 00-0263 | EA | 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 571.72 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *48.70* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *105.87* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *22.45* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *121.63* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *159.05* | |
| 07 72 13 00-0264 | EA | 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 481.79 | 76.24 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *40.56* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *88.74* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *101.04* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *183.38* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *203.96* | |
| 07 72 13 00-0265 | EA | 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 575.46 | 84.71 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *49.08* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *106.62* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *144.08* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *209.57* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *273.20* | |
| 07 72 13 00-0266 | EA | 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 624.31 | 101.65 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *52.27* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *114.70* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *28.91* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *133.70* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *180.48* | |
| 07 72 13 00-0267 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb | 581.17 | 93.18 |
| | | *For Sloped Roofs Up To 1 In 12 Pitch, Add* | *48.80* | |
| | | *For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add* | *106.92* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add* | *175.89* | |
| | | *For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add* | *267.58* | |
| | | *For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add* | *325.59* | |

## 07 72 23 Relief Vents *(07 72)*

### 07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

### 07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 72 23 00-0003 | EA | 6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator | 183.82 | 31.06 |
| | | *For Curb Or Flange Base, Add* | *197.16* | |
| 07 72 23 00-0004 | EA | 9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator | 221.61 | 34.40 |
| | | *For Curb Or Flange Base, Add* | *216.15* | |
| 07 72 23 00-0005 | EA | 12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator | 237.49 | 41.05 |
| | | *For Curb Or Flange Base, Add* | *238.51* | |
| 07 72 23 00-0006 | EA | 15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator | 470.48 | 45.49 |
| | | *For Curb Or Flange Base, Add* | *398.05* | |
| 07 72 23 00-0007 | EA | 18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator | 652.95 | 51.03 |
| | | *For Curb Or Flange Base, Add* | *430.09* | |
| 07 72 23 00-0008 | EA | 21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator | 790.57 | 55.47 |
| | | *For Curb Or Flange Base, Add* | *467.18* | |
| 07 72 23 00-0009 | EA | 24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator | 1,013.34 | 62.12 |
| | | *For Curb Or Flange Base, Add* | *575.70* | |
| 07 72 23 00-0010 | EA | 36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator | 1,682.22 | 83.21 |
| | | *For Curb Or Flange Base, Add* | *956.61* | |

### 07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 72 23 00-0012 | EA | 6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator | 141.25 | 31.06 |
| | | *For Curb Or Flange Base, Add* | *170.77* | |
| 07 72 23 00-0013 | EA | 9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator | 175.83 | 34.40 |
| | | *For Curb Or Flange Base, Add* | *188.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 23 00-0014 | EA | 12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator | 197.13 | 41.05 |
| | | *For Curb Or Flange Base, Add* | *209.25* | |
| 07 72 23 00-0015 | EA | 15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator | 349.07 | 45.49 |
| | | *For Curb Or Flange Base, Add* | *353.69* | |
| 07 72 23 00-0016 | EA | 18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator | 449.90 | 51.03 |
| | | *For Curb Or Flange Base, Add* | *378.35* | |
| 07 72 23 00-0017 | EA | 21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator | 568.45 | 55.47 |
| | | *For Curb Or Flange Base, Add* | *425.89* | |
| 07 72 23 00-0018 | EA | 24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator | 766.73 | 62.12 |
| | | *For Curb Or Flange Base, Add* | *513.71* | |
| 07 72 23 00-0019 | EA | 36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator | 1,141.43 | 83.21 |
| | | *For Curb Or Flange Base, Add* | *770.71* | |

### 07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

### 07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

| | | | | |
|---|---|---|---|---|
| 07 72 23 00-0022 | EA | 6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator | 153.20 | 31.06 |
| | | *For Curb Or Flange Base, Add* | *197.16* | |
| 07 72 23 00-0023 | EA | 9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator | 204.10 | 34.40 |
| | | *For Curb Or Flange Base, Add* | *216.15* | |
| 07 72 23 00-0024 | EA | 12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator | 223.14 | 41.05 |
| | | *For Curb Or Flange Base, Add* | *238.51* | |
| 07 72 23 00-0025 | EA | 15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator | 391.92 | 45.49 |
| | | *For Curb Or Flange Base, Add* | *398.05* | |
| 07 72 23 00-0026 | EA | 18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator | 454.13 | 51.03 |
| | | *For Curb Or Flange Base, Add* | *430.09* | |
| 07 72 23 00-0027 | EA | 21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator | 650.06 | 55.47 |
| | | *For Curb Or Flange Base, Add* | *467.18* | |
| 07 72 23 00-0028 | EA | 24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator | 850.49 | 62.12 |
| | | *For Curb Or Flange Base, Add* | *575.70* | |
| 07 72 23 00-0029 | EA | 36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator | 1,235.50 | 83.21 |
| | | *For Curb Or Flange Base, Add* | *956.61* | |

### 07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

| | | | | |
|---|---|---|---|---|
| 07 72 23 00-0031 | EA | 6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator | 135.87 | 31.06 |
| | | *For Curb Or Flange Base, Add* | *170.77* | |
| 07 72 23 00-0032 | EA | 9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator | 179.04 | 34.40 |
| | | *For Curb Or Flange Base, Add* | *188.18* | |
| 07 72 23 00-0033 | EA | 12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator | 199.82 | 41.05 |
| | | *For Curb Or Flange Base, Add* | *209.25* | |
| 07 72 23 00-0034 | EA | 15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator | 323.73 | 45.49 |
| | | *For Curb Or Flange Base, Add* | *353.69* | |
| 07 72 23 00-0035 | EA | 18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator | 406.86 | 51.03 |
| | | *For Curb Or Flange Base, Add* | *378.35* | |
| 07 72 23 00-0036 | EA | 21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator | 498.50 | 55.47 |
| | | *For Curb Or Flange Base, Add* | *425.89* | |
| 07 72 23 00-0037 | EA | 24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator | 712.95 | 62.12 |
| | | *For Curb Or Flange Base, Add* | *513.71* | |
| 07 72 23 00-0038 | EA | 36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator | 1,072.67 | 83.21 |
| | | *For Curb Or Flange Base, Add* | *770.71* | |

### 07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

| | | | | |
|---|---|---|---|---|
| 07 72 23 00-0040 | EA | 8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 278.35 | 49.92 |
| | | *For Backdraft Damper, Add* | *146.10* | |
| | | *For Curb Base, Add* | *216.92* | |
| 07 72 23 00-0041 | EA | 10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 343.22 | 55.47 |
| | | *For Backdraft Damper, Add* | *159.85* | |
| | | *For Curb Base, Add* | *237.27* | |
| 07 72 23 00-0042 | EA | 12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 388.14 | 66.57 |
| | | *For Backdraft Damper, Add* | *218.29* | |
| | | *For Curb Base, Add* | *300.88* | |
| 07 72 23 00-0043 | EA | 16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 473.55 | 73.23 |
| | | *For Backdraft Damper, Add* | *249.23* | |
| | | *For Curb Base, Add* | *348.68* | |
| 07 72 23 00-0044 | EA | 24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 1,262.02 | 99.85 |
| | | *For Backdraft Damper, Add* | *312.83* | |
| | | *For Curb Base, Add* | *459.06* | |
| 07 72 23 00-0045 | EA | 30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 1,541.49 | 115.38 |
| | | *For Backdraft Damper, Add* | *369.55* | |
| | | *For Curb Base, Add* | *548.80* | |
| 07 72 23 00-0046 | EA | 36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 2,101.54 | 133.13 |
| | | *For Backdraft Damper, Add* | *369.55* | |
| | | *For Curb Base, Add* | *570.83* | |
| 07 72 23 00-0047 | EA | 42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 2,956.02 | 144.23 |
| | | *For Backdraft Damper, Add* | *386.74* | |
| | | *For Curb Base, Add* | *591.46* | |
| 07 72 23 00-0048 | EA | 48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator | 4,255.71 | 155.32 |
| | | *For Backdraft Damper, Add* | *429.71* | |
| | | *For Curb Base, Add* | *665.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 72 23 00-0049** | | **Galvanized Steel, Stationary Gooseneck Ventilators** *(07 72 23)* | | |
| | | Note: Includes flange base and bird screen. Excludes curb. | | |
| 07 72 23 00-0050 | EA | 8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator | 651.12 | 55.47 |
| 07 72 23 00-0051 | EA | 12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator | 755.90 | 73.23 |
| 07 72 23 00-0052 | EA | 16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator | 1,093.74 | 99.85 |
| 07 72 23 00-0053 | EA | 24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator | 1,735.55 | 115.38 |
| **07 72 26** | | **Ridge Vents** *(07 72)* | | |
| 07 72 26 00-0001 | | Aluminum Ridge Vents *(07 72 26)* | | |
| 07 72 26 00-0002 | LF | Aluminum Ridge Vent Strips | 11.64 | 3.22 |
| 07 72 26 00-0003 | EA | Aluminum Ridge Univent Connectors | 49.33 | 20.01 |
| 07 72 26 00-0004 | EA | Aluminum Ridge Univent End Cap | 46.62 | 20.01 |
| 07 72 26 00-0005 | | Galvanized Ridge Vents *(07 72 26)* | | |
| 07 72 26 00-0006 | LF | Galvanized Sheet Metal Ridge Vent Strips | 13.21 | 3.44 |
| **07 72 29** | | **Rafter Vent** *(07 72)* | | |
| 07 72 29 00-0001 | | Rafter Vent *(07 72 29)* | | |
| | | Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents. | | |
| 07 72 29 00-0002 | EA | 22" x 4' Rafter Vent | 9.58 | |
| 07 72 29 00-0003 | EA | 14" x 4' Rafter Vent | 8.65 | |
| **07 72 33** | | **Roof Hatches** *(07 72)* | | |
| | | Note: Includes curb with integral insulation, lockable hatch and gaskets. | | |
| 07 72 33 00-0001 | | Galvanized Steel Cover And Curb *(07 72 33)* | | |
| 07 72 33 00-0002 | EA | 2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20) | 1,252.63 | 137.98 |
| 07 72 33 00-0003 | EA | 2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20) | 1,850.27 | 153.31 |
| 07 72 33 00-0004 | EA | 2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20) | 3,282.46 | 209.08 |
| 07 72 33 00-0005 | EA | 3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20) | 1,825.81 | 153.31 |
| 07 72 33 00-0006 | EA | 4'-0" x 4'-0" Galvanized Steel Roof Hatch | 2,061.20 | 170.36 |
| 07 72 33 00-0007 | EA | 3'-0" x 8'-0" Galvanized Steel Roof Hatch | 3,392.88 | 232.36 |
| 07 72 33 00-0008 | | Aluminum Cover And Curb *(07 72 33)* | | |
| 07 72 33 00-0009 | EA | 2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50) | 1,144.76 | 137.98 |
| 07 72 33 00-0010 | EA | 2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50) | 1,489.52 | 153.31 |
| 07 72 33 00-0011 | EA | 2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50) | 2,711.65 | 209.08 |
| 07 72 33 00-0012 | EA | 3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50) | 1,457.84 | 153.31 |
| 07 72 33 00-0013 | EA | 4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50) | 2,604.65 | 170.36 |
| 07 72 33 00-0014 | EA | 3'-0" x 8'-0" Aluminum Roof Hatch | 2,858.72 | 232.36 |
| 07 72 33 00-0015 | EA | 3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50) | 1,636.08 | 153.31 |
| 07 72 33 00-0016 | | Steel, Plain, Primed *(07 72 33)* | | |
| 07 72 33 00-0017 | EA | 2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20) | 1,199.79 | 137.98 |
| 07 72 33 00-0018 | EA | 2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20) | 1,630.82 | 153.31 |
| 07 72 33 00-0019 | EA | 2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20) | 2,234.37 | 209.08 |
| 07 72 33 00-0020 | EA | 3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20) | 1,513.83 | 153.31 |
| 07 72 33 00-0021 | EA | 4'-0" x 4'-0" Plain Steel Roof Hatch Primed | 1,859.92 | 170.36 |
| 07 72 33 00-0022 | EA | 3'-0" x 8'-0" Plain Steel Roof Hatch Primed | 2,527.39 | 232.36 |
| 07 72 33 00-0023 | | Stainless Steel *(07 72 33)* | | |
| 07 72 33 00-0024 | EA | 2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90) | 2,523.77 | 137.98 |
| 07 72 33 00-0025 | EA | 2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90) | 4,833.15 | 153.31 |
| 07 72 33 00-0026 | EA | 2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90) | 7,268.68 | 209.08 |
| 07 72 33 00-0027 | EA | 3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90) | 3,878.21 | 153.31 |
| 07 72 33 00-0028 | EA | 4'-0" x 4'-0" Stainless Steel Roof Hatch | 8,201.24 | 170.36 |
| 07 72 33 00-0029 | EA | 3'-0" x 8'-0" Stainless Steel Roof Hatch | 9,184.49 | 232.36 |
| 07 72 33 00-0030 | | Removal And Reinstallation Of Roof Hatch *(07 72 33)* | | |
| | | Note: Includes storage, cleaning and supply materials. | | |
| 07 72 33 00-0031 | EA | Removal And Reinstallation Of Roof Hatch (All Types) | 424.40 | |
| 07 72 33 00-0032 | | Aluminum Cover And Galvanized Steel Curb *(07 72 33)* | | |
| 07 72 33 00-0033 | EA | Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40) | 1,108.63 | 153.31 |
| 07 72 33 00-0034 | EA | Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40) | 1,453.39 | 170.36 |
| 07 72 33 00-0035 | EA | Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40) | 2,617.72 | 232.26 |
| 07 72 33 00-0036 | EA | Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40) | 1,428.93 | 158.10 |
| 07 72 33 00-0037 | EA | Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40) | 2,525.17 | 175.16 |
| 07 72 33 00-0038 | | Roof Hatch Accessories *(07 72 33)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 33 00-0039 | EA | Roof Hatch Ladderup Safety Post (Bilco LU-1) | 785.89 | 71.86 |
| 07 72 33 00-0040 | | **Roof Hatch Safety Railing** *(07 72 33)* Note: Included mounting bracket to attach to roof hatch | | |
| 07 72 33 00-0041 | EA | 24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x24) | 1,771.18 | |
| 07 72 33 00-0042 | EA | 24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x36) | 1,838.54 | |
| 07 72 33 00-0043 | EA | 30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x30) | 1,885.13 | |
| 07 72 33 00-0044 | EA | 30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x36) | 2,052.07 | |
| 07 72 33 00-0045 | EA | 36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-36x36) | 2,244.71 | |
| 07 72 33 00-0046 | EA | 48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-48x48) | 2,874.21 | |
| **07 72 36** | | **Smoke Vents** *(07 72)* | | |
| 07 72 36 00-0001 | | **Fire Vent** *(07 72 36)* | | |
| 07 72 36 00-0002 | | **Galvanized Steel Covers And Curb** *(07 72 36 00-0001)* | | |
| 07 72 36 00-0003 | EA | 4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848) | 3,331.58 | 127.82 |
| 07 72 36 00-0004 | EA | 4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872) | 3,826.13 | 175.73 |
| 07 72 36 00-0005 | EA | 4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890) | 4,363.35 | 191.73 |
| 07 72 36 00-0006 | EA | 4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896) | 4,448.16 | 201.31 |
| 07 72 36 00-0007 | EA | 5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060) | 5,174.69 | 175.73 |
| 07 72 36 00-0008 | EA | 5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072) | 5,500.57 | 191.73 |
| 07 72 36 00-0009 | EA | 5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084) | 5,806.29 | 207.74 |
| 07 72 36 00-0010 | EA | 5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096) | 6,615.23 | 223.74 |
| 07 72 36 00-0011 | EA | 5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120) | 8,219.22 | 239.64 |
| 07 72 36 00-0012 | EA | 5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666) | 5,494.31 | 207.74 |
| 07 72 36 00-0013 | EA | 5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114) | 11,604.52 | 255.65 |
| 07 72 36 00-0014 | EA | 6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272) | 6,324.79 | 271.64 |
| 07 72 36 00-0015 | | **Aluminum Covers And Galvanized Steel Curb** *(07 72 36 00-0001)* | | |
| 07 72 36 00-0016 | EA | 4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A) | 2,532.65 | 127.82 |
| 07 72 36 00-0017 | EA | 4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A) | 2,900.76 | 175.73 |
| 07 72 36 00-0018 | EA | 4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A) | 3,264.31 | 191.73 |
| 07 72 36 00-0019 | EA | 4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A) | 3,379.83 | 201.31 |
| 07 72 36 00-0020 | EA | 5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A) | 3,283.71 | 175.73 |
| 07 72 36 00-0021 | EA | 5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A) | 4,196.38 | 191.73 |
| 07 72 36 00-0022 | EA | 5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A) | 4,487.65 | 207.74 |
| 07 72 36 00-0023 | EA | 5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A) | 4,367.11 | 223.74 |
| 07 72 36 00-0024 | EA | 5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A) | 6,139.59 | 239.64 |
| 07 72 36 00-0025 | EA | 5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A) | 4,234.77 | 207.74 |
| 07 72 36 00-0026 | EA | 5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A) | 8,056.59 | 255.65 |
| 07 72 36 00-0027 | EA | 6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A) | 4,149.95 | 271.64 |
| 07 72 36 00-0028 | | **Aluminum Covers And Curb** *(07 72 36 00-0001)* | | |
| 07 72 36 00-0029 | EA | 4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B) | 2,763.86 | 127.82 |
| 07 72 36 00-0030 | EA | 4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B) | 3,283.71 | 175.73 |
| 07 72 36 00-0031 | EA | 4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B) | 3,603.91 | 191.73 |
| 07 72 36 00-0032 | EA | 4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B) | 3,813.35 | 201.31 |
| 07 72 36 00-0033 | EA | 5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B) | 3,457.11 | 175.73 |
| 07 72 36 00-0034 | EA | 5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B) | 4,377.02 | 191.73 |
| 07 72 36 00-0035 | EA | 5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B) | 4,646.61 | 207.74 |
| 07 72 36 00-0036 | EA | 5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B) | 4,800.63 | 223.74 |
| 07 72 36 00-0037 | EA | 5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B) | 5,828.90 | 239.64 |
| 07 72 36 00-0038 | EA | 5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B) | 4,437.07 | 207.74 |
| 07 72 36 00-0039 | EA | 5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B) | 8,800.80 | 255.65 |
| 07 72 36 00-0040 | EA | 6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B) | 4,583.47 | 271.64 |
| 07 72 36 00-0041 | | **Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb** *(07 72 36)* | | |
| 07 72 36 00-0042 | EA | 4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B) | 2,734.96 | 127.43 |
| 07 72 36 00-0043 | EA | 4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B) | 3,464.33 | 175.73 |
| 07 72 36 00-0044 | EA | 4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B) | 3,661.61 | 201.31 |
| 07 72 36 00-0045 | EA | 5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B) | 3,933.99 | 175.73 |
| 07 72 36 00-0046 | EA | 5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B) | 4,150.35 | 223.74 |
| **07 72 46** | | **Roof Walkways** *(07 72)* | | |
| 07 72 46 00-0001 | | **Recycled Rubber Walkway Pads** *(07 72 46)* | | |
| 07 72 46 00-0002 | SF | 3/8" Thick, Button Surface, Recycled Rubber Walkway Pad | 9.33 | 1.89 |
| | | *For Diamond Surface, Add* | *0.95* | |
| 07 72 46 00-0003 | SF | 1/2" Thick, Button Surface, Recycled Rubber Walkway Pad | 10.49 | 2.27 |
| | | *For Diamond Surface, Add* | *1.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 72 46 00-0004 | SF | 3/4" Thick, Button Surface, Recycled Rubber Walkway Pad | 11.62 | 2.27 |
| | | *For Diamond Surface, Add* | *1.25* | |

## 07 72 53 Snow Guards *(07 72)*

### 07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs *(07 72 53)*

| | | | | |
|---|---|---|---|---|
| 07 72 53 00-0002 | EA | 6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs | 20.12 | 1.92 |
| 07 72 53 00-0003 | EA | 6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs | 22.17 | 1.92 |
| 07 72 53 00-0004 | EA | 6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs | 20.82 | 1.92 |
| 07 72 53 00-0005 | EA | 6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs | 11.36 | 1.92 |

### 07 72 53 00-0006 Snow Guards For Metal Roofs *(07 72 53)*

Note: Aluminum construction.

| | | | | |
|---|---|---|---|---|
| 07 72 53 00-0007 | EA | Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) | 23.53 | 3.97 |
| 07 72 53 00-0008 | EA | Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) | 26.28 | 3.97 |
| 07 72 53 00-0009 | EA | Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) | 39.27 | 3.97 |
| 07 72 53 00-0010 | EA | Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) | 38.69 | 3.97 |
| 07 72 53 00-0011 | EA | Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516) | 36.12 | 4.63 |
| 07 72 53 00-0012 | EA | Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516) | 39.57 | 4.63 |
| 07 72 53 00-0013 | EA | Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516) | 49.73 | 4.63 |
| 07 72 53 00-0014 | EA | Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM) | 20.56 | 3.48 |
| | | *For Mechanically Fastened, Add* | *6.95* | |
| 07 72 53 00-0015 | EA | Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM) | 23.42 | 3.48 |
| | | *For Mechanically Fastened, Add* | *6.95* | |
| 07 72 53 00-0016 | EA | Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM) | 33.11 | 3.48 |
| | | *For Mechanically Fastened, Add* | *6.95* | |
| 07 72 53 00-0017 | EA | Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15)<br>Note: Can be used for metal, rubber, PVC, TPO or glass roofing. | 11.76 | 3.48 |
| | | *For Mechanically Fastened, Add* | *9.26* | |

### 07 72 53 00-0018 Snow Breaker For Roofs *(07 72 53)*

| | | | | |
|---|---|---|---|---|
| 07 72 53 00-0019 | EA | Up To 50 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount | 15.31 | 4.63 |
| 07 72 53 00-0020 | EA | >50 To 150 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount | 14.33 | 4.63 |
| 07 72 53 00-0021 | EA | >150 To 500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount | 13.84 | 4.63 |
| 07 72 53 00-0022 | EA | >500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount | 13.25 | 4.63 |

### 07 72 53 00-0023 Ice Breaker For Vents *(07 72 53)*

| | | | | |
|---|---|---|---|---|
| 07 72 53 00-0024 | EA | Ice Breaker For Vents Up to 4", Mechanically Fastened | 127.83 | |
| 07 72 53 00-0025 | EA | Ice Breaker For Vents And Stacks >4" To 14" Diameter, Mechanically Fastened | 146.85 | |

### 07 72 53 00-0026 Pipe Style, Snow Guards For Metal Roofs *(07 72 53)*

### 07 72 53 00-0027 Pipe Style, Standing Seam Metal Roof Snow Guard Clamps *(07 72 53 00-0026)*

Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.

| | | | | |
|---|---|---|---|---|
| 07 72 53 00-0028 | EA | Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000) | 59.02 | 13.90 |
| 07 72 53 00-0029 | EA | Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000) | 71.05 | 13.90 |
| 07 72 53 00-0030 | EA | Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000) | 80.65 | 13.90 |
| 07 72 53 00-0031 | EA | Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000) | 101.31 | 13.90 |
| 07 72 53 00-0032 | EA | Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000) | 103.75 | 16.68 |

### 07 72 53 00-0033 Tubing For Snow Guard Clamps *(07 72 53 00-0026)*

| | | | | |
|---|---|---|---|---|
| 07 72 53 00-0034 | LF | 1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®)<br>Note: Includes end caps, collars and couplings. | 12.08 | 3.33 |
| 07 72 53 00-0035 | LF | 1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®)<br>Note: Includes end caps, collars and couplings. | 24.84 | 3.33 |

## 07 72 56 Snow/Ice Melt Cable *(07 72)*

### 07 72 56 00-0001 Self Regulating Heating Cable For Roofs And Gutters *(07 72 56)*

| | | | | |
|---|---|---|---|---|
| 07 72 56 00-0002 | LF | 12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters<br>Note: Nickel-coated copper braided cable with weatherproof jacket. | 14.91 | 1.10 |
| 07 72 56 00-0003 | LF | 12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters<br>Note: Nickel-coated copper braided cable with weatherproof jacket. | 16.03 | 1.10 |
| 07 72 56 00-0004 | EA | Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters | 229.69 | 82.64 |
| 07 72 56 00-0005 | EA | Splice Kit For Self Regulating Heating Cable For Roofs And Gutters | 175.38 | 60.61 |
| 07 72 56 00-0006 | EA | Edge Of Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters | 8.55 | 3.30 |
| | | *For >5, Deduct* | *-0.66* | |
| 07 72 56 00-0007 | EA | Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters | 8.02 | 3.30 |
| | | *For >5, Deduct* | *-0.61* | |
| 07 72 56 00-0008 | EA | Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters | 57.72 | 8.27 |
| 07 72 56 00-0009 | EA | 120 Volt AC, Snow Switch, Automatic Control For Melting Snow | 939.73 | 66.11 |
| 07 72 56 00-0010 | EA | Automatic Gutter Ice Melting Control | 1,289.65 | 82.64 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 72 63** | | **Waste Containment Assemblies** *(07 72)* | | |
| 07 72 63 00-0001 | | Rooftop Oil And Grease Containment System *(07 72 63)* | | |
| 07 72 63 00-0002 | | Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)* | | |
| 07 72 63 00-0003 | EA | 48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E) | 2,551.93 | 153.44 |
| 07 72 63 00-0004 | EA | 60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E) | 2,872.20 | 153.44 |
| 07 72 63 00-0005 | EA | 60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E) | 3,554.97 | 159.58 |
| 07 72 63 00-0006 | EA | 72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E) | 3,536.66 | 159.58 |
| 07 72 63 00-0007 | EA | 72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E) | 4,659.69 | 172.62 |
| 07 72 63 00-0008 | EA | 72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E) | 3,593.34 | 172.62 |
| 07 72 63 00-0009 | EA | 90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E) | 3,991.30 | 204.54 |
| 07 72 63 00-0010 | EA | 108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E) | 5,929.62 | 255.71 |
| 07 72 63 00-0011 | EA | 120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E) | 7,430.75 | 255.71 |
| 07 72 63 00-0012 | EA | 144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E) | 9,490.22 | 255.71 |
| 07 72 63 00-0013 | | Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)* | | |
| 07 72 63 00-0014 | EA | 48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100) | 3,178.83 | 153.44 |
| 07 72 63 00-0015 | EA | 60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101) | 3,595.32 | 153.44 |
| 07 72 63 00-0016 | EA | 60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106) | 4,474.87 | 159.58 |
| 07 72 63 00-0017 | EA | 72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102) | 4,557.27 | 159.58 |
| 07 72 63 00-0018 | EA | 72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103) | 6,568.14 | 172.62 |
| 07 72 63 00-0019 | EA | 72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111) | 7,222.60 | 172.62 |
| 07 72 63 00-0020 | EA | 90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105) | 6,664.04 | 204.54 |
| 07 72 63 00-0021 | EA | 108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112) | 7,476.51 | 255.71 |
| 07 72 63 00-0022 | EA | 120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107) | 9,430.72 | 255.71 |
| 07 72 63 00-0023 | EA | 144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113) | 12,108.03 | 255.71 |
| 07 72 63 00-0024 | | Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)*<br>Note: Includes removing old filters and installing new filters. | | |
| 07 72 63 00-0025 | | Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)* | | |
| 07 72 63 00-0026 | | Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)* | | |
| 07 72 63 00-0027 | SET | 48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E) | 214.49 | |
| 07 72 63 00-0028 | SET | 60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E) | 306.03 | |
| 07 72 63 00-0029 | SET | 60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E) | 443.32 | |
| 07 72 63 00-0030 | SET | 72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E) | 405.22 | |
| 07 72 63 00-0031 | SET | 72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E) | 771.36 | |
| 07 72 63 00-0032 | SET | 72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E) | 780.50 | |
| 07 72 63 00-0033 | SET | 90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E) | 595.97 | |
| 07 72 63 00-0034 | SET | 108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E) | 779.04 | |
| 07 72 63 00-0035 | SET | 120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E) | 1,149.74 | |
| 07 72 63 00-0036 | SET | 144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E) | 1,520.45 | |
| 07 72 63 00-0037 | | Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **07 72 63 00-0038** | | **Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System** *(07 72 63 00-0037)* | | |
| 07 72 63 00-0039 | SET | 48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC) | 454.83 | |
| 07 72 63 00-0040 | SET | 60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC) | 610.44 | |
| 07 72 63 00-0041 | SET | 60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC) | 894.19 | |
| 07 72 63 00-0042 | SET | 72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC) | 828.63 | |
| 07 72 63 00-0043 | SET | 72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC) | 1,611.23 | |
| 07 72 63 00-0044 | SET | 72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC) | 1,620.37 | |
| 07 72 63 00-0045 | SET | 90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC) | 1,193.28 | |
| 07 72 63 00-0046 | SET | 108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC) | 1,618.91 | |
| 07 72 63 00-0047 | SET | 120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC) | 2,383.20 | |
| 07 72 63 00-0048 | SET | 144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC) | 3,179.53 | |
| **07 72 63 00-0049** | | **Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System** *(07 72 63 00-0037)* | | |
| 07 72 63 00-0050 | SET | 48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C) | 569.25 | |
| 07 72 63 00-0051 | SET | 60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C) | 711.13 | |
| 07 72 63 00-0052 | SET | 60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C) | 1,049.79 | |
| 07 72 63 00-0053 | SET | 72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C) | 988.81 | |
| 07 72 63 00-0054 | SET | 72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C) | 1,945.31 | |
| 07 72 63 00-0055 | SET | 72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C) | 1,936.17 | |
| 07 72 63 00-0056 | SET | 90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C) | 1,403.82 | |
| 07 72 63 00-0057 | SET | 108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C) | 1,952.99 | |
| 07 72 63 00-0058 | SET | 120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C) | 2,749.33 | |
| 07 72 63 00-0059 | SET | 144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C) | 3,833.99 | |

## 07 73 Roof Protection Board *(07 70)*

### 07 73 00 00-0001 Roof Protection Board *(07 73)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

### 07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 73 00 00-0003 | SF | 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®) | 3.01 | 0.38 |
| | | *For No Adhesive, Deduct* | *-0.74* | |
| 07 73 00 00-0004 | SF | 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®) | 3.40 | 0.42 |
| | | *For No Adhesive, Deduct* | *-0.76* | |
| 07 73 00 00-0005 | SF | 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®) | 3.58 | 0.46 |
| | | *For No Adhesive, Deduct* | *-0.77* | |
| 07 73 00 00-0006 | SF | 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime) | 3.06 | 0.38 |
| | | *For No Adhesive, Deduct* | *-0.74* | |
| 07 73 00 00-0007 | SF | 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime) | 3.48 | 0.42 |
| | | *For No Adhesive, Deduct* | *-0.76* | |
| 07 73 00 00-0008 | SF | 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime) | 3.66 | 0.46 |
| | | *For No Adhesive, Deduct* | *-0.77* | |

### 07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 73 00 00-0010 | SF | 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®) | 2.80 | 0.38 |
| 07 73 00 00-0011 | SF | 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®) | 3.21 | 0.42 |
| 07 73 00 00-0012 | SF | 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®) | 3.40 | 0.46 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 73 00 00-0013 | SF | 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime) | 2.86 | 0.38 |
| 07 73 00 00-0014 | SF | 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime) | 3.29 | 0.42 |
| 07 73 00 00-0015 | SF | 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime) | 3.48 | 0.46 |

### 07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

Note: Mechanically fastened to wood or steel.

| | | | | |
|---|---|---|---|---|
| 07 73 00 00-0017 | SF | 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®) | 2.70 | 0.38 |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.81* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.49* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 73 00 00-0018 | SF | 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®) | 3.09 | 0.42 |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.86* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.54* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 73 00 00-0019 | SF | 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®) | 3.27 | 0.46 |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.90* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.58* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 73 00 00-0020 | SF | 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime) | 2.75 | 0.38 |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.81* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.49* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 73 00 00-0021 | SF | 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime) | 3.16 | 0.42 |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.86* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.54* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |
| 07 73 00 00-0022 | SF | 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime) | 3.35 | 0.46 |
| | | *For Mechanically Fastened To Concrete, Add* | *1.02* | |
| | | *For Mechanically Fastened To Gypsum, Add* | *1.32* | |
| | | *For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add* | *0.44* | |
| | | *For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add* | *1.90* | |
| | | *For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add* | *1.61* | |
| | | *For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add* | *0.67* | |
| | | *For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add* | *2.58* | |
| | | *For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add* | *2.43* | |

## 07 76 Roof Pavers *(07 70)*

### 07 76 16 Roof Decking Pavers *(07 76)*

### 07 76 16 00-0001 Roof Pavers *(07 76 16)*

Note: For walkway application over roofing system.

| | | | | |
|---|---|---|---|---|
| 07 76 16 00-0002 | SF | Up To 100 SF, 2" Concrete Roof Paver | 10.95 | 4.92 |
| | | *For 1-1/2" Thickness, Deduct* | *-1.10* | |
| | | *For 2-1/2" Thickness, Add* | *1.32* | |
| | | *For 3" Thickness, Add* | *2.64* | |
| 07 76 16 00-0003 | SF | >100 To 200 SF, 2" Concrete Roof Paver | 9.95 | 3.71 |
| | | *For 1-1/2" Thickness, Deduct* | *-1.00* | |
| | | *For 2-1/2" Thickness, Add* | *1.21* | |
| | | *For 3" Thickness, Add* | *2.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 76 16 00-0004 | SF | >200 To 400 SF, 2" Concrete Roof Paver | 9.34 | 2.95 |
| | | *For 1-1/2" Thickness, Deduct* | *-0.93* | |
| | | *For 2-1/2" Thickness, Add* | *1.14* | |
| | | *For 3" Thickness, Add* | *2.27* | |
| 07 76 16 00-0005 | SF | >400 To 1,000 SF, 2" Concrete Roof Paver | 8.90 | 2.57 |
| | | *For 1-1/2" Thickness, Deduct* | *-0.89* | |
| | | *For 2-1/2" Thickness, Add* | *1.08* | |
| | | *For 3" Thickness, Add* | *2.16* | |
| 07 76 16 00-0006 | SF | >1,000 SF, 2" Concrete Roof Paver | 8.41 | 2.34 |
| | | *For 1-1/2" Thickness, Deduct* | *-0.84* | |
| | | *For 2-1/2" Thickness, Add* | *1.02* | |
| | | *For 3" Thickness, Add* | *2.04* | |

### 07 76 16 00-0007 Roof Paver Pedestal *(07 76 16)*

| | | | | |
|---|---|---|---|---|
| 07 76 16 00-0008 | EA | 2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator) | 20.86 | 0.76 |
| 07 76 16 00-0009 | EA | 3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator) | 21.62 | 0.76 |
| 07 76 16 00-0010 | EA | 4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator) | 22.39 | 0.76 |
| 07 76 16 00-0011 | EA | Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator) | 11.85 | 0.76 |
| 07 76 16 00-0012 | EA | Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator) | 9.70 | 0.76 |
| 07 76 16 00-0013 | EA | 5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal)<br>Note: Stackable. | 9.97 | 0.76 |
| 07 76 16 00-0014 | EA | 1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal<br>Note: Used with High Tab and Elevator pedestals. | 5.71 | 0.76 |
| 07 76 16 00-0015 | EA | Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator)<br>Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals. | 7.08 | 0.76 |

## 07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

### 07 76 19 00-0001 Composite Insulation Concrete Protection Board *(07 76 19)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

| | | | | |
|---|---|---|---|---|
| 07 76 19 00-0002 | SF | 2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF | 4.80 | |
| | | *For 20 Year Warranty, Deduct* | *-0.32* | |
| | | *For 15 Year Warranty, Deduct* | *-0.63* | |
| | | *For 10 Year Warranty, Deduct* | *-0.86* | |
| | | *For Winds >90 MPH To 120 MPH Warranty, Add* | *0.10* | |
| 07 76 19 00-0003 | SF | 3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF | 6.38 | |
| | | *For 20 Year Warranty, Deduct* | *-0.45* | |
| | | *For 15 Year Warranty, Deduct* | *-0.90* | |
| | | *For 10 Year Warranty, Deduct* | *-1.22* | |
| | | *For Winds >90 MPH To 120 MPH Warranty, Add* | *0.10* | |
| 07 76 19 00-0004 | SF | 2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF | 7.47 | |
| | | *For 20 Year Warranty, Deduct* | *-0.52* | |
| | | *For 15 Year Warranty, Deduct* | *-1.05* | |
| | | *For 10 Year Warranty, Deduct* | *-1.42* | |
| | | *For Winds >90 MPH To 120 MPH Warranty, Add* | *0.10* | |
| 07 76 19 00-0005 | SF | 3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF | 9.10 | |
| | | *For 20 Year Warranty, Deduct* | *-0.65* | |
| | | *For 15 Year Warranty, Deduct* | *-1.32* | |
| | | *For 10 Year Warranty, Deduct* | *-1.78* | |
| | | *For Winds >90 MPH To 120 MPH Warranty, Add* | *0.10* | |

# 07 80 Fire and Smoke Protection *(07)*

## 07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

## 07 81 16 Cementitious Fireproofing *(07 81)*

### 07 81 16 00-0001 Monokote Fireproofing *(07 81 16)*

| | | | | |
|---|---|---|---|---|
| 07 81 16 00-0002 | SF | Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness | 1.81 | 0.60 |
| 07 81 16 00-0003 | SF | Monokote Fireproofing For Structural Steel, Per Inch Of Thickness | 2.49 | 0.89 |

### 07 81 16 00-0004 Gunite Fireproofing *(07 81 16)*

| | | | | |
|---|---|---|---|---|
| 07 81 16 00-0005 | SF | 1" Thick, Non Reinforced, Gunite Fireproofing | 3.25 | 0.59 |
| 07 81 16 00-0006 | SF | 1" Thick, Reinforced, Gunite Fireproofing | 4.74 | 0.59 |

## 07 81 23 Intumescent Fireproofing *(07 81)*

### 07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*

### 07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

| | | | | |
|---|---|---|---|---|
| 07 81 23 00-0003 | SF | 1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) | 14.89 | |
| | | *For >10,000, Deduct* | *-1.45* | |
| 07 81 23 00-0004 | SF | 1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) | 24.14 | |
| | | *For >10,000, Deduct* | *-2.37* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 81 23 00-0005 | | Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)* | | |
| | | Note: Excludes primer. | | |
| 07 81 23 00-0006 | SF | 1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) | 9.50 | |
| | | *For >10,000, Deduct* | *-0.90* | |
| 07 81 23 00-0007 | SF | 1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) | 21.55 | |
| | | *For >10,000, Deduct* | *-2.11* | |
| 07 81 23 00-0008 | SF | 2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) | 49.32 | |
| | | *For >10,000, Deduct* | *-4.88* | |
| 07 81 23 00-0009 | SF | 2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) | 68.04 | |
| | | *For >10,000, Deduct* | *-6.75* | |
| 07 81 23 00-0010 | SF | 3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) | 86.78 | |
| | | *For >10,000, Deduct* | *-8.62* | |
| 07 81 23 00-0011 | SF | 3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) | 105.55 | |
| | | *For >10,000, Deduct* | *-10.49* | |
| 07 81 23 00-0012 | | Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)* | | |
| | | Note: Excludes primer. | | |
| 07 81 23 00-0013 | SF | 1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) | 19.62 | |
| | | *For >10,000, Deduct* | *-1.92* | |
| 07 81 23 00-0014 | SF | 1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) | 36.81 | |
| | | *For >10,000, Deduct* | *-3.63* | |
| 07 81 23 00-0015 | SF | 2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) | 58.66 | |
| | | *For >10,000, Deduct* | *-5.81* | |
| 07 81 23 00-0016 | SF | 2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) | 82.08 | |
| | | *For >10,000, Deduct* | *-8.15* | |
| 07 81 23 00-0017 | SF | 3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) | 103.93 | |
| | | *For >10,000, Deduct* | *-10.33* | |
| 07 81 23 00-0018 | | Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)* | | |
| 07 81 23 00-0019 | | Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)* | | |
| | | Note: Excludes primer. | | |
| 07 81 23 00-0020 | SF | 1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) | 9.44 | |
| | | *For >10,000, Deduct* | *-0.91* | |
| 07 81 23 00-0021 | SF | 1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) | 21.84 | |
| | | *For >10,000, Deduct* | *-2.15* | |
| 07 81 23 00-0022 | SF | 2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) | 50.44 | |
| | | *For >10,000, Deduct* | *-5.01* | |
| 07 81 23 00-0023 | SF | 2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) | 69.73 | |
| | | *For >10,000, Deduct* | *-6.93* | |
| 07 81 23 00-0024 | SF | 3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) | 89.02 | |
| | | *For >10,000, Deduct* | *-8.86* | |
| **07 81 33** | | **Mineral-Fiber Fireproofing** *(07 81)* | | |
| 07 81 33 00-0001 | | Cellulose Fireproofing *(07 81 33)* | | |
| 07 81 33 00-0002 | SF | Cellulose Fireproofing, Per Inch Of Thickness | 2.19 | 0.59 |

## 07 84 Firestopping *(07 80)*

**07 84 13 Penetration Firestopping** *(07 84)*

**07 84 13 16 Penetration Firestopping Devices** *(07 84 13)*

| | | | | |
|---|---|---|---|---|
| 07 84 13 16-0001 | | Firestopping Systems For Cable Penetrations *(07 84 13 16)* | | |
| 07 84 13 16-0002 | | Intumescent Firestop Cable Sleeve For New Installations *(07 84 13 16-0001)* | | |
| | | Note: Includes putty, escutcheon plates, gaskets and bushings. | | |
| 07 84 13 16-0003 | EA | 1" Diameter Intumescent Firestop Sleeve (STI FS100) | 54.50 | |
| 07 84 13 16-0004 | EA | 2" Diameter Intumescent Firestop Sleeve (STI FS201) | 75.04 | |
| 07 84 13 16-0005 | EA | 4" Diameter Intumescent Firestop Sleeve (STI FS401) | 124.99 | |
| 07 84 13 16-0006 | | Intumescent Firestop Cable Pathway For New Or Existing Cable Installations *(07 84 13 16-0001)* | | |
| | | Note: Includes pathway, putty and wall/floor mounting plates. | | |
| 07 84 13 16-0007 | EA | 1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22) | 104.17 | |
| 07 84 13 16-0008 | EA | 3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS) | 185.88 | |
| 07 84 13 16-0009 | EA | 4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44) | 344.20 | |
| 07 84 13 16-0010 | | 3M Intumescent Firestopping Multi-Trade Pass Through Device *(07 84 13 16)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 84 13 16-0011 | EA | 2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD) | 235.60 | |
| 07 84 13 16-0012 | EA | 4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD) | 217.46 | |
| 07 84 13 16-0013 | EA | 4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD) | 224.35 | |
| 07 84 13 16-0014 | | Intumescent Firestopping Pipe Collar *(07 84 13 16)* | | |
| 07 84 13 16-0015 | EA | 1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5) | 39.00 | 11.61 |
| 07 84 13 16-0016 | EA | 2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0) | 46.60 | 11.61 |
| 07 84 13 16-0017 | EA | 3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0) | 54.08 | 12.78 |
| 07 84 13 16-0018 | EA | 4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0) | 83.67 | 14.52 |
| 07 84 13 16-0019 | EA | 8" Intumescent Firestop Pipe Collar (Hilti CP644 8") | 401.56 | 17.42 |
| 07 84 13 16-0020 | EA | 10" Intumescent Firestop Pipe Collar (Hilti CP644 10") | 518.20 | 19.16 |
| 07 84 13 16-0021 | | Fire Rated Enclosures (Fire Rated Product Specialties Corp.) *(07 84 13 16)*<br>Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required. | | |
| 07 84 13 16-0022 | EA | 12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9)<br>Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc. | 137.00 | |
| 07 84 13 16-0023 | EA | 15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9)<br>Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc. | 146.20 | |
| 07 84 13 16-0024 | EA | 11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH)<br>Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans. | 298.50 | |
| 07 84 13 16-0025 | EA | 14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3)<br>Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc. | 186.65 | |
| 07 84 13 16-0026 | | Intumescent Firestopping Wrap Strips *(07 84 13 16)* | | |
| 07 84 13 16-0027 | LF | 1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series) | 5.98 | |
| **07 84 13 19** | | **Penetration Firestopping Caulk** *(07 84 13)* | | |
| 07 84 13 19-0001 | | Intumescent Firestopping For Sealing Pipe Penetrations *(07 84 13 19)*<br>Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more. | | |
| 07 84 13 19-0002 | EA | 1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 17.32 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.06* | |
| 07 84 13 19-0003 | EA | 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 21.46 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.34* | |
| 07 84 13 19-0004 | EA | 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 21.24 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.26* | |
| 07 84 13 19-0005 | EA | 1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 20.88 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.11* | |
| 07 84 13 19-0006 | EA | 2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 25.02 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.74* | |
| 07 84 13 19-0007 | EA | 2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 24.80 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.65* | |
| 07 84 13 19-0008 | EA | 2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 24.44 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.50* | |
| 07 84 13 19-0009 | EA | 2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 23.88 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.28* | |
| 07 84 13 19-0010 | EA | 2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 23.40 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.09* | |
| 07 84 13 19-0011 | EA | 2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 30.56 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *1.24* | |
| 07 84 13 19-0012 | EA | 2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 30.35 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *1.15* | |
| 07 84 13 19-0013 | EA | 2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 29.98 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *1.00* | |
| 07 84 13 19-0014 | EA | 2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 29.42 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.78* | |
| 07 84 13 19-0015 | EA | 2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 28.95 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.59* | |
| 07 84 13 19-0016 | EA | 2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 27.81 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.14* | |
| 07 84 13 19-0017 | EA | 3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 42.68 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *3.34* | |
| 07 84 13 19-0018 | EA | 3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 38.76 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *1.77* | |
| 07 84 13 19-0019 | EA | 3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 38.40 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *1.62* | |
| 07 84 13 19-0020 | EA | 3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 37.83 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *1.40* | |
| 07 84 13 19-0021 | EA | 3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 37.35 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *1.20* | |
| 07 84 13 19-0022 | EA | 3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 36.22 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.75* | |
| 07 84 13 19-0023 | EA | 3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 34.75 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.16* | |
| 07 84 13 19-0024 | EA | 4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 58.31 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *6.16* | |
| 07 84 13 19-0025 | EA | 4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 57.91 | |
| | | *For Intumescent Sealant For Plastic Pipe, Add* | *6.00* | |

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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 07 84 13 19-0026 | | EA | 4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 57.26 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *5.74* | |
| 07 84 13 19-0027 | | EA | 4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 56.25 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *5.33* | |
| 07 84 13 19-0028 | | EA | 4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 55.39 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *4.99* | |
| 07 84 13 19-0029 | | EA | 4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 48.71 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *2.32* | |
| 07 84 13 19-0030 | | EA | 4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 47.25 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *1.73* | |
| 07 84 13 19-0031 | | EA | 4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 45.02 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *0.84* | |
| 07 84 13 19-0032 | | EA | 6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 95.59 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *14.20* | |
| 07 84 13 19-0033 | | EA | 6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 95.20 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *14.04* | |
| 07 84 13 19-0034 | | EA | 6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 94.55 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *13.78* | |
| 07 84 13 19-0035 | | EA | 6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 93.53 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *13.38* | |
| 07 84 13 19-0036 | | EA | 6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 92.68 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *13.04* | |
| 07 84 13 19-0037 | | EA | 6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 90.63 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *12.22* | |
| 07 84 13 19-0038 | | EA | 6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 87.99 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *11.16* | |
| 07 84 13 19-0039 | | EA | 6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 83.99 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *9.56* | |
| 07 84 13 19-0040 | | EA | 6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 68.90 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *3.52* | |
| 07 84 13 19-0041 | | EA | 8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 129.03 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *22.43* | |
| 07 84 13 19-0042 | | EA | 8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 125.02 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *20.82* | |
| 07 84 13 19-0043 | | EA | 8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 116.97 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *17.60* | |
| 07 84 13 19-0044 | | EA | 8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 84.16 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *4.48* | |
| 07 84 13 19-0045 | | EA | 10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 166.08 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *32.10* | |
| 07 84 13 19-0046 | | EA | 10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 142.22 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *22.55* | |
| 07 84 13 19-0047 | | EA | 10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) | 100.11 | |
| | | | *For Intumescent Sealant For Plastic Pipe, Add* | *5.71* | |

## 07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

| | | | | |
|---|---|---|---|---|
| 07 84 13 19-0049 | | EA | 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 20.90 |
| 07 84 13 19-0050 | | EA | 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 20.81 |
| 07 84 13 19-0051 | | EA | 1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 20.70 |
| 07 84 13 19-0052 | | EA | 2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 23.79 |
| 07 84 13 19-0053 | | EA | 2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 23.71 |
| 07 84 13 19-0054 | | EA | 2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 23.60 |
| 07 84 13 19-0055 | | EA | 2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 23.42 |
| 07 84 13 19-0056 | | EA | 2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 23.26 |
| 07 84 13 19-0057 | | EA | 2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 28.54 |
| 07 84 13 19-0058 | | EA | 2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 28.46 |
| 07 84 13 19-0059 | | EA | 2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 28.34 |
| 07 84 13 19-0060 | | EA | 2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 28.16 |
| 07 84 13 19-0061 | | EA | 2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 28.01 |
| 07 84 13 19-0062 | | EA | 2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 27.62 |
| 07 84 13 19-0063 | | EA | 3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 35.92 |
| 07 84 13 19-0064 | | EA | 3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 35.84 |
| 07 84 13 19-0065 | | EA | 3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 35.72 |
| 07 84 13 19-0066 | | EA | 3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 35.55 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 84 13 19-0067 | EA | 3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 35.39 | |
| 07 84 13 19-0068 | EA | 3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 35.00 | |
| 07 84 13 19-0069 | EA | 3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 34.46 | |
| 07 84 13 19-0070 | EA | 4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 45.86 | |
| 07 84 13 19-0071 | EA | 4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 45.77 | |
| 07 84 13 19-0072 | EA | 4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 45.66 | |
| 07 84 13 19-0073 | EA | 4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 45.47 | |
| 07 84 13 19-0074 | EA | 4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 45.29 | |
| 07 84 13 19-0075 | EA | 4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 44.90 | |
| 07 84 13 19-0076 | EA | 4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 44.40 | |
| 07 84 13 19-0077 | EA | 4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 43.62 | |
| 07 84 13 19-0078 | EA | 6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 66.86 | |
| 07 84 13 19-0079 | EA | 6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 66.77 | |
| 07 84 13 19-0080 | EA | 6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 66.66 | |
| 07 84 13 19-0081 | EA | 6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 66.49 | |
| 07 84 13 19-0082 | EA | 6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 66.33 | |
| 07 84 13 19-0083 | EA | 6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 65.94 | |
| 07 84 13 19-0084 | EA | 6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 65.40 | |
| 07 84 13 19-0085 | EA | 6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 64.67 | |
| 07 84 13 19-0086 | EA | 6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 63.08 | |
| 07 84 13 19-0087 | EA | 8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 83.65 | |
| 07 84 13 19-0088 | EA | 8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 82.92 | |
| 07 84 13 19-0089 | EA | 8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 81.33 | |
| 07 84 13 19-0090 | EA | 8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 76.84 | |
| 07 84 13 19-0091 | EA | 10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 101.15 | |
| 07 84 13 19-0092 | EA | 10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 96.65 | |
| 07 84 13 19-0093 | EA | 10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound) | 90.70 | |

## 07 84 16 Annular Space Firestopping Protection *(07 84)*

### 07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

### 07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 84 16 00-0003 | EA | 1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) | 29.23 | |
| 07 84 16 00-0004 | EA | 2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) | 43.02 | |
| 07 84 16 00-0005 | EA | 3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) | 44.73 | |
| 07 84 16 00-0006 | EA | 4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) | 46.45 | |
| 07 84 16 00-0007 | EA | 5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) | 48.16 | |
| 07 84 16 00-0008 | EA | 6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) | 61.96 | |

### 07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 07 84 16 00-0010 | EA | Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276) | 11.49 | |
| 07 84 16 00-0011 | EA | Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274) | 12.00 | |
| 07 84 16 00-0012 | EA | Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272) | 11.06 | |
| 07 84 16 00-0013 | EA | Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270) | 12.04 | |
| 07 84 16 00-0014 | EA | Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266) | 11.66 | |
| 07 84 16 00-0015 | EA | Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265) | 11.12 | |

### 07 84 16 00-0016 Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*

| | | | | |
|---|---|---|---|---|
| 07 84 16 00-0017 | EA | 2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249) | 33.31 | |
| 07 84 16 00-0018 | EA | 2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269) | 35.79 | |
| 07 84 16 00-0019 | EA | 3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369) | 38.84 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 84 16 00-0020 | | Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)* | | |
| | | Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening. | | |
| 07 84 16 00-0021 | EA | 16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28) | 293.17 | |
| 07 84 16 00-0022 | EA | 36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2) | 420.07 | |
| 07 84 16 00-0023 | EA | 36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3) | 574.39 | |
| 07 84 16 00-0024 | | Endothermic Mat Wrap Fire Barrier *(07 84 16)* | | |
| | | Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings. | | |
| 07 84 16 00-0025 | SF | 0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4) | 42.96 | |
| 07 84 16 00-0026 | | Firestopping Caulk For Filling Opening *(07 84 16)* | | |
| 07 84 16 00-0027 | GAL | Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+) | 121.76 | |
| 07 84 16 00-0028 | | Firestopping Mortar For Filling Opening *(07 84 16)* | | |
| 07 84 16 00-0029 | CF | Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series) | 154.82 | |

## 07 84 23 Silicone Firestopping Foams *(07 84)*

| | | | | |
|---|---|---|---|---|
| 07 84 23 00-0001 | | Silicone RTV Foam Seal For Blank Openings *(07 84 23)* | | |
| 07 84 23 00-0002 | EA | 2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam | 36.31 | |
| 07 84 23 00-0003 | EA | 4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam | 91.22 | |
| 07 84 23 00-0004 | EA | 6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam | 166.52 | |
| 07 84 23 00-0005 | EA | 8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam | 260.27 | |
| 07 84 23 00-0006 | EA | 10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam | 376.84 | |
| 07 84 23 00-0007 | EA | 12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam | 511.96 | |

## 07 84 43 Joint Firestopping *(07 84)*

| | | | | |
|---|---|---|---|---|
| 07 84 43 00-0001 | | Intumescent Firestopping Sealant For Joints (3M CP 25WB+) *(07 84 43)* | | |
| 07 84 43 00-0002 | CLF | 1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 317.20 | 77.26 |
| | | *For Up To 6 CLF, Add* | *18.00* | |
| | | *For >30 CLF, Deduct* | *-20.13* | |
| 07 84 43 00-0003 | CLF | 1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 359.94 | 77.26 |
| | | *For Up To 4 CLF, Add* | *21.20* | |
| | | *For >20 CLF, Deduct* | *-24.41* | |
| 07 84 43 00-0004 | CLF | 1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 411.24 | 79.83 |
| | | *For Up To 3 CLF, Add* | *24.83* | |
| | | *For >15 CLF, Deduct* | *-29.11* | |
| 07 84 43 00-0005 | CLF | 3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 432.59 | 79.83 |
| | | *For Up To 2.5 CLF, Add* | *26.44* | |
| | | *For >13 CLF, Deduct* | *-31.24* | |
| 07 84 43 00-0006 | CLF | 3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 496.67 | 79.83 |
| | | *For Up To 2 CLF, Add* | *31.24* | |
| | | *For >10 CLF, Deduct* | *-37.65* | |
| 07 84 43 00-0007 | CLF | 3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 560.75 | 79.83 |
| | | *For Up To 1.5 CLF, Add* | *36.05* | |
| | | *For >8 CLF, Deduct* | *-44.06* | |
| 07 84 43 00-0008 | CLF | 3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 633.41 | 83.27 |
| | | *For Up To 1.3 CLF, Add* | *41.28* | |
| | | *For >7 CLF, Deduct* | *-50.89* | |
| 07 84 43 00-0009 | CLF | 1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 590.69 | 83.27 |
| | | *For Up To 1.4 CLF, Add* | *38.08* | |
| | | *For >7.5 CLF, Deduct* | *-46.62* | |
| 07 84 43 00-0010 | CLF | 1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 684.72 | 85.84 |
| | | *For Up To 1.15 CLF, Add* | *44.92* | |
| | | *For >6 CLF, Deduct* | *-55.60* | |
| 07 84 43 00-0011 | CLF | 1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 770.16 | 85.84 |
| | | *For Up To 1 CLF, Add* | *51.32* | |
| | | *For >5 CLF, Deduct* | *-64.14* | |
| 07 84 43 00-0012 | CLF | 1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 864.18 | 88.41 |
| | | *For Up To 0.8 CLF, Add* | *58.16* | |
| | | *For >4.5 CLF, Deduct* | *-73.11* | |
| 07 84 43 00-0013 | CLF | 1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 958.21 | 91.85 |
| | | *For Up To 0.75 CLF, Add* | *65.00* | |
| | | *For >4 CLF, Deduct* | *-82.09* | |
| 07 84 43 00-0014 | CLF | 3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 1,052.22 | 94.42 |
| | | *For Up To 0.65 CLF, Add* | *71.83* | |
| | | *For >3.5 CLF, Deduct* | *-91.06* | |
| 07 84 43 00-0015 | CLF | 3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 1,334.29 | 103.01 |
| | | *For Up To 0.5 CLF, Add* | *92.35* | |
| | | *For >2.5 CLF, Deduct* | *-117.98* | |
| | | *For Silicone Sealant (Bio Fireshield BFS 100 or 200), add* | *153.79* | |
| 07 84 43 00-0016 | CLF | 1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) | 1,710.38 | 114.17 |
| | | *For Up To 0.4 CLF, Add* | *119.69* | |
| | | *For >2 CLF, Deduct* | *-153.87* | |
| 07 84 43 00-0017 | | Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) *(07 84 43)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 84 43 00-0018 | CLF | 1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 329.10 | 77.26 |
| | | *For Up To 6 CLF, Add* | *18.89* | |
| | | *For >30 CLF, Deduct* | *-21.32* | |
| 07 84 43 00-0019 | CLF | 1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 377.76 | 77.26 |
| | | *For Up To 4 CLF, Add* | *22.54* | |
| | | *For >20 CLF, Deduct* | *-26.19* | |
| 07 84 43 00-0020 | CLF | 1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 434.99 | 79.83 |
| | | *For Up To 3 CLF, Add* | *26.62* | |
| | | *For >15 CLF, Deduct* | *-31.48* | |
| 07 84 43 00-0021 | CLF | 3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 459.32 | 79.83 |
| | | *For Up To 2.5 CLF, Add* | *28.44* | |
| | | *For >13 CLF, Deduct* | *-33.91* | |
| 07 84 43 00-0022 | CLF | 3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 532.31 | 79.83 |
| | | *For Up To 2 CLF, Add* | *33.91* | |
| | | *For >10 CLF, Deduct* | *-41.21* | |
| 07 84 43 00-0023 | CLF | 3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 605.30 | 79.83 |
| | | *For Up To 1.5 CLF, Add* | *39.39* | |
| | | *For >8 CLF, Deduct* | *-48.51* | |
| 07 84 43 00-0024 | CLF | 3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 686.87 | 83.27 |
| | | *For Up To 1.3 CLF, Add* | *45.29* | |
| | | *For >7 CLF, Deduct* | *-56.24* | |
| 07 84 43 00-0025 | CLF | 1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 638.21 | 83.27 |
| | | *For Up To 1.4 CLF, Add* | *41.64* | |
| | | *For >7.5 CLF, Deduct* | *-51.37* | |
| 07 84 43 00-0026 | CLF | 1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 744.12 | 85.84 |
| | | *For Up To 1.15 CLF, Add* | *49.37* | |
| | | *For >6 CLF, Deduct* | *-61.54* | |
| 07 84 43 00-0027 | CLF | 1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 841.43 | 85.84 |
| | | *For Up To 1 CLF, Add* | *56.67* | |
| | | *For >5 CLF, Deduct* | *-71.27* | |
| 07 84 43 00-0028 | CLF | 1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 947.33 | 88.41 |
| | | *For Up To 0.8 CLF, Add* | *64.40* | |
| | | *For >4.5 CLF, Deduct* | *-81.43* | |
| 07 84 43 00-0029 | CLF | 1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 1,053.24 | 91.85 |
| | | *For Up To 0.75 CLF, Add* | *72.13* | |
| | | *For >4 CLF, Deduct* | *-91.59* | |
| 07 84 43 00-0030 | CLF | 3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 1,159.13 | 94.42 |
| | | *For Up To 0.65 CLF, Add* | *79.85* | |
| | | *For >3.5 CLF, Deduct* | *-101.75* | |
| 07 84 43 00-0031 | CLF | 3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 1,476.84 | 103.01 |
| | | *For Up To 0.5 CLF, Add* | *103.04* | |
| | | *For >2.5 CLF, Deduct* | *-132.23* | |
| 07 84 43 00-0032 | CLF | 1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) | 1,900.44 | 114.17 |
| | | *For Up To 0.4 CLF, Add* | *133.95* | |
| | | *For >2 CLF, Deduct* | *-172.88* | |

### 07 84 43 00-0033 Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) *(07 84 43)*

| | | | | |
|---|---|---|---|---|
| 07 84 43 00-0034 | CLF | 1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 282.12 | 77.26 |
| | | *For Up To 6 CLF, Add* | *15.36* | |
| | | *For >30 CLF, Deduct* | *-16.62* | |
| 07 84 43 00-0035 | CLF | 1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 307.28 | 77.26 |
| | | *For Up To 4 CLF, Add* | *17.25* | |
| | | *For >20 CLF, Deduct* | *-19.14* | |
| 07 84 43 00-0036 | CLF | 1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 341.03 | 79.83 |
| | | *For Up To 3 CLF, Add* | *19.57* | |
| | | *For >15 CLF, Deduct* | *-22.09* | |
| 07 84 43 00-0037 | CLF | 3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 353.62 | 79.83 |
| | | *For Up To 2.5 CLF, Add* | *20.51* | |
| | | *For >13 CLF, Deduct* | *-23.34* | |
| 07 84 43 00-0038 | CLF | 3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 391.37 | 79.83 |
| | | *For Up To 2 CLF, Add* | *23.34* | |
| | | *For >10 CLF, Deduct* | *-27.12* | |
| 07 84 43 00-0039 | CLF | 3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 429.12 | 79.83 |
| | | *For Up To 1.5 CLF, Add* | *26.18* | |
| | | *For >8 CLF, Deduct* | *-30.89* | |
| 07 84 43 00-0040 | CLF | 3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 475.45 | 83.27 |
| | | *For Up To 1.3 CLF, Add* | *29.44* | |
| | | *For >7 CLF, Deduct* | *-35.10* | |
| 07 84 43 00-0041 | CLF | 1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 450.29 | 83.27 |
| | | *For Up To 1.4 CLF, Add* | *27.55* | |
| | | *For >7.5 CLF, Deduct* | *-32.58* | |
| 07 84 43 00-0042 | CLF | 1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 509.21 | 85.84 |
| | | *For Up To 1.15 CLF, Add* | *31.75* | |
| | | *For >6 CLF, Deduct* | *-38.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 84 43 00-0043 | CLF | 1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 559.55 | 85.84 |
| | | *For Up To 1 CLF, Add* | *35.53* | |
| | | *For >5 CLF, Deduct* | *-43.08* | |
| 07 84 43 00-0044 | CLF | 1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 618.47 | 88.41 |
| | | *For Up To 0.8 CLF, Add* | *39.73* | |
| | | *For >4.5 CLF, Deduct* | *-48.54* | |
| 07 84 43 00-0045 | CLF | 1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 677.39 | 91.85 |
| | | *For Up To 0.75 CLF, Add* | *43.94* | |
| | | *For >4 CLF, Deduct* | *-54.00* | |
| 07 84 43 00-0046 | CLF | 3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 736.31 | 94.42 |
| | | *For Up To 0.65 CLF, Add* | *48.14* | |
| | | *For >3.5 CLF, Deduct* | *-59.47* | |
| 07 84 43 00-0047 | CLF | 3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 913.07 | 103.01 |
| | | *For Up To 0.5 CLF, Add* | *60.75* | |
| | | *For >2.5 CLF, Deduct* | *-75.86* | |
| 07 84 43 00-0048 | CLF | 1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | 1,148.75 | 114.17 |
| | | *For Up To 0.4 CLF, Add* | *77.57* | |
| | | *For >2 CLF, Deduct* | *-97.71* | |

### 07 84 56 Fire Safing *(07 84)*

#### 07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

| | | | | |
|---|---|---|---|---|
| 07 84 56 13-0002 | SF | 1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A) | 9.66 | |
| | | *For Work In Restricted Working Space, Add* | *1.28* | |
| 07 84 56 13-0003 | SF | 1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A) | 15.48 | |
| | | Note: Includes cutting wrap to fit pipe or conduit and sealing edges. | | |
| | | *For Work In Restricted Working Space, Add* | *1.28* | |
| 07 84 56 13-0004 | SF | 2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A) | 16.88 | |
| | | Note: Includes cutting wrap to fit pipe or conduit and sealing edges. | | |
| | | *For Work In Restricted Working Space, Add* | *1.28* | |

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

| | | | | |
|---|---|---|---|---|
| 07 84 56 13-0006 | SF | 1/2" Thermal Ceramics FireMaster Blanket Wrap | 16.50 | 9.52 |
| | | *For Work In Restricted Working Space, Add* | *3.83* | |
| | | *For >500 To 5,000, Deduct* | *-1.50* | |
| | | *For >5,000, Deduct* | *-2.66* | |
| 07 84 56 13-0007 | SF | 1" Thermal Ceramics FireMaster Blanket Wrap | 19.60 | 9.52 |
| | | *For Work In Restricted Working Space, Add* | *3.83* | |
| | | *For >500 To 5,000, Deduct* | *-2.21* | |
| | | *For >5,000, Deduct* | *-3.81* | |
| 07 84 56 13-0008 | SF | 1-1/2" Thermal Ceramics FireMaster Blanket Wrap | 23.01 | 9.52 |
| | | *For Work In Restricted Working Space, Add* | *3.83* | |
| | | *For >500 To 5,000, Deduct* | *-3.00* | |
| | | *For >5,000, Deduct* | *-5.07* | |
| 07 84 56 13-0009 | SF | 2" Thermal Ceramics FireMaster Blanket Wrap | 26.42 | 9.52 |
| | | *For Work In Restricted Working Space, Add* | *3.83* | |
| | | *For >500 To 5,000, Deduct* | *-3.78* | |
| | | *For >5,000, Deduct* | *-6.33* | |

## 07 90 Joint Protection *(07)*

### 07 91 Preformed Joint Seals *(07 90)*

#### 07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001 Backer Rods *(07 91 23)*

| | | | | |
|---|---|---|---|---|
| 07 91 23 00-0002 | LF | 1/4" Polyethylene Or Polyurethane Backer Rod | 1.27 | 0.38 |
| 07 91 23 00-0003 | LF | 3/8" Polyethylene Or Polyurethane Backer Rod | 1.36 | 0.38 |
| 07 91 23 00-0004 | LF | 1/2" Polyethylene Or Polyurethane Backer Rod | 1.47 | 0.38 |
| 07 91 23 00-0005 | LF | 5/8" Polyethylene Or Polyurethane Backer Rod | 1.59 | 0.38 |
| 07 91 23 00-0006 | LF | 3/4" Polyethylene Or Polyurethane Backer Rod | 1.65 | 0.46 |
| 07 91 23 00-0007 | LF | 7/8" Polyethylene Or Polyurethane Backer Rod | 1.77 | 0.46 |
| 07 91 23 00-0008 | LF | 1" Polyethylene Or Polyurethane Backer Rod | 2.02 | 0.46 |
| 07 91 23 00-0009 | LF | 1-1/4" Polyethylene Or Polyurethane Backer Rod | 2.27 | 0.53 |
| 07 91 23 00-0010 | LF | 1-1/2" Polyethylene Or Polyurethane Backer Rod | 2.58 | 0.61 |
| 07 91 23 00-0011 | LF | 2" Polyethylene Or Polyurethane Backer Rod | 3.18 | 0.69 |
| 07 91 23 00-0012 | LF | 3" Polyethylene Or Polyurethane Backer Rod | 5.34 | 0.85 |

#### 07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

| | | | | |
|---|---|---|---|---|
| 07 91 26 00-0002 | LF | 1/4" x 1/4" Butyl Rubber Filler | 1.82 | 0.46 |
| | | *For Custom Match Coloring, Add* | *0.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 91 26 00-0003 | LF | 1/2" x 1/2" Butyl Rubber Filler | 5.52 | 1.31 |
| | | *For Custom Match Coloring, Add* | *0.15* | |
| 07 91 26 00-0004 | LF | 1/2" x 3/4" Butyl Rubber Filler | 6.77 | 1.38 |
| | | *For Custom Match Coloring, Add* | *0.24* | |
| 07 91 26 00-0005 | LF | 3/4" x 3/4" Butyl Rubber Filler | 7.46 | 1.46 |
| 07 91 26 00-0006 | LF | 1" x 1" Butyl Rubber Filler | 10.24 | 2.69 |
| 07 91 26 00-0007 | | Closed Cell Neoprene *(07 91 26)* | | |
| 07 91 26 00-0008 | CLF | 1/8" x 3" Neoprene Gasket Closed Cell, Adhesive | 308.16 | 88.54 |
| 07 91 26 00-0009 | CLF | 1/8" x 6" Neoprene Gasket Closed Cell, Adhesive | 504.71 | 127.90 |
| 07 91 26 00-0010 | CLF | 1/4" x 3" Neoprene Gasket Closed Cell, Adhesive | 398.07 | 109.64 |
| 07 91 26 00-0011 | CLF | 1/4" x 6" Neoprene Gasket Closed Cell, Adhesive | 466.44 | 115.08 |
| 07 91 26 00-0012 | CLF | 1/2" x 6" Neoprene Gasket Closed Cell, Adhesive | 711.15 | 177.08 |
| 07 91 26 00-0013 | CLF | 1/2" x 9" Neoprene Gasket Closed Cell, Adhesive | 821.00 | 191.80 |
| 07 91 26 00-0014 | CLF | 1/2" x 12" Neoprene Gasket Closed Cell, Adhesive | 767.09 | 139.48 |
| 07 91 26 00-0015 | | Closed Cell Polyvinyl Chloride *(07 91 26)* | | |
| 07 91 26 00-0016 | CLF | 1/8" x 3" Polyethylene Joint Backing, Closed Cell | 315.44 | 109.64 |
| 07 91 26 00-0017 | CLF | 1/8" x 6" Polyethylene Joint Backing, Closed Cell | 548.38 | 177.08 |
| 07 91 26 00-0018 | CLF | 1/4" x 3" Polyethylene Joint Backing, Closed Cell | 416.67 | 151.14 |
| 07 91 26 00-0019 | CLF | 1/4" x 6" Polyethylene Joint Backing, Closed Cell | 512.54 | 159.58 |
| 07 91 26 00-0020 | CLF | 1/2" x 6" Polyethylene Joint Backing, Closed Cell | 779.49 | 244.74 |
| 07 91 26 00-0021 | CLF | 1/2" x 9" Polyethylene Joint Backing, Closed Cell | 922.10 | 265.60 |
| 07 91 26 00-0022 | CLF | 1/2" x 12" Polyethylene Joint Backing, Closed Cell | 1,236.59 | 318.39 |
| 07 91 26 00-0023 | | Silicon RTV Foam Penetration Seal *(07 91 26)* | | |
| 07 91 26 00-0024 | CLF | 1/4" x 1/2" Silicon RTV Foam Seal | 131.92 | 17.57 |
| 07 91 26 00-0025 | CLF | 1/2" x 1/2" Silicon RTV Foam Seal | 263.84 | 35.06 |
| 07 91 26 00-0026 | CLF | 1/2" x 3/4" Silicon RTV Foam Seal | 393.80 | 52.10 |
| 07 91 26 00-0027 | CLF | 3/4" x 3/4" Silicon RTV Foam Seal | 564.45 | 70.20 |
| 07 91 26 00-0028 | CLF | 1/8" x 1" Silicon RTV Foam Seal | 131.92 | 17.57 |
| 07 91 26 00-0029 | CLF | 1/8" x 3" Silicon RTV Foam Seal | 393.49 | 51.94 |
| 07 91 26 00-0030 | CLF | 1/4" x 3" Silicon RTV Foam Seal | 700.61 | 78.02 |
| 07 91 26 00-0031 | CLF | 1/4" x 6" Silicon RTV Foam Seal | 1,399.87 | 155.51 |
| 07 91 26 00-0032 | CLF | 1/2" x 6" Silicon RTV Foam Seal | 2,694.04 | 280.73 |
| 07 91 26 00-0033 | CLF | 1/2" x 9" Silicon RTV Foam Seal | 4,097.49 | 438.53 |
| 07 91 26 00-0034 | CLF | 1/2" x 12" Silicon RTV Foam Seal | 5,864.92 | 701.69 |
| 07 91 26 00-0035 | | Seals O-Ring Type Cord "J-Seal" *(07 91 26)* | | |
| 07 91 26 00-0036 | LF | 1/4" Seals O-Ring Cord, J-Seal | 3.28 | 1.00 |
| 07 91 26 00-0037 | LF | 1/2" Seals O-Ring Cord, J-Seal | 3.48 | 1.00 |
| 07 91 26 00-0038 | LF | 3/4" Seals O-Ring Cord, J-Seal | 3.66 | 1.08 |
| 07 91 26 00-0039 | LF | 1" Seals O-Ring Cord, J-Seal | 3.87 | 1.15 |
| 07 91 26 00-0040 | LF | 1-1/4" Seals O-Ring Cord, J-Seal | 4.15 | 1.23 |
| 07 91 26 00-0041 | LF | 1-1/2" Seals O-Ring Cord, J-Seal | 4.36 | 1.23 |
| 07 91 26 00-0042 | LF | 1-3/4" Seals O-Ring Cord, J-Seal | 4.63 | 1.31 |
| 07 91 26 00-0043 | LF | 2" Seals O-Ring Cord, J-Seal | 4.79 | 1.31 |

## 07 91 33 Expansion Joint Seal Systems *(07 91)*

### 07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) *(07 91 33)*

### 07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

| | | | | |
|---|---|---|---|---|
| 07 91 33 00-0003 | LF | 1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH) | 78.52 | 5.50 |
| 07 91 33 00-0004 | LF | 3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH) | 106.70 | 5.76 |
| 07 91 33 00-0005 | LF | 1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH) | 136.42 | 6.02 |
| 07 91 33 00-0006 | LF | 1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH) | 169.53 | 6.28 |
| 07 91 33 00-0007 | LF | 1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH) | 221.59 | 6.55 |
| 07 91 33 00-0008 | LF | 1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH) | 255.27 | 6.80 |
| 07 91 33 00-0009 | LF | 2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH) | 297.09 | 7.07 |

### 07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed neoprene joint seal and lubricant adhesive.

| | | | | |
|---|---|---|---|---|
| 07 91 33 00-0011 | LF | 0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162) | 37.36 | 5.50 |
| 07 91 33 00-0012 | LF | 0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175) | 41.21 | 5.57 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 91 33 00-0013 | LF | 0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200) | 50.96 | 5.65 |
| 07 91 33 00-0014 | LF | 0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225) | 54.34 | 5.76 |
| 07 91 33 00-0015 | LF | 1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250) | 58.40 | 5.84 |
| 07 91 33 00-0016 | LF | 1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300) | 72.89 | 5.92 |
| 07 91 33 00-0017 | LF | 1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350) | 91.24 | 6.02 |
| 07 91 33 00-0018 | LF | 1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400) | 108.80 | 6.28 |
| 07 91 33 00-0019 | LF | 1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500) | 123.76 | 6.55 |

### 07 91 33 00-0020 Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed Santoprene® joint seal and lubricant adhesive.

| | | | | |
|---|---|---|---|---|
| 07 91 33 00-0021 | LF | 0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100) | 30.34 | 5.50 |
| 07 91 33 00-0022 | LF | 0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225) | 40.88 | 5.76 |
| 07 91 33 00-0023 | LF | 1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250) | 51.23 | 6.02 |
| 07 91 33 00-0024 | LF | 1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300) | 54.33 | 6.16 |
| 07 91 33 00-0025 | LF | 1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400) | 60.83 | 6.28 |
| 07 91 33 00-0026 | LF | 1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500) | 89.82 | 6.55 |
| 07 91 33 00-0027 | LF | 1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600) | 125.78 | 6.80 |

### 07 91 33 00-0028 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed foam seal and silicone sealant.

| | | | | |
|---|---|---|---|---|
| 07 91 33 00-0029 | LF | 1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100) | 29.77 | 2.18 |
| 07 91 33 00-0030 | LF | 3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150) | 50.79 | 2.27 |
| 07 91 33 00-0031 | LF | 1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200) | 77.14 | 2.35 |
| 07 91 33 00-0032 | LF | 1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250) | 97.59 | 2.45 |
| 07 91 33 00-0033 | LF | 1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300) | 128.87 | 2.53 |
| 07 91 33 00-0034 | LF | 1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350) | 170.94 | 2.62 |
| 07 91 33 00-0035 | LF | 2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400) | 209.99 | 2.70 |
| 07 91 33 00-0036 | LF | 2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500) | 283.72 | 2.80 |
| 07 91 33 00-0037 | LF | 3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600) | 331.49 | 2.88 |

### 07 91 33 00-0038 Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) *(07 91 33 00-0001)*

Note: Includes a pre-compressed foam seal and silicone sealant.

| | | | | |
|---|---|---|---|---|
| 07 91 33 00-0039 | LF | 0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100) | 29.01 | 2.18 |
| 07 91 33 00-0040 | LF | 1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150) | 38.66 | 2.27 |
| 07 91 33 00-0041 | LF | 1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200) | 52.30 | 2.35 |
| 07 91 33 00-0042 | LF | 1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250) | 71.43 | 2.45 |
| 07 91 33 00-0043 | LF | 2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300) | 81.66 | 2.53 |
| 07 91 33 00-0044 | LF | 2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350) | 113.87 | 2.62 |
| 07 91 33 00-0045 | LF | 3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400) | 153.49 | 2.70 |
| 07 91 33 00-0046 | LF | 3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500) | 165.79 | 2.80 |

## 07 92 Joint Sealants *(07 90)*

### 07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001 Silicone Sealants And Caulking *(07 92 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 92 13 00-0002 | CLF | 1/4" x 1/4" Joint, Silicone Sealant And Caulking | 275.41 | 77.26 |
| | | *For Custom Match Coloring, Add* | *10.47* | |
| | | *For Up To 6 CLF, Add* | *14.86* | |
| | | *For >30 CLF, Deduct* | *-15.95* | |
| | | *For 1 Part Mildew Resistant, Add* | *15.27* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *8.73* | |
| 07 92 13 00-0003 | CLF | 1/4" x 3/8" Joint, Silicone Sealant And Caulking | 297.23 | 77.26 |
| | | *For Custom Match Coloring, Add* | *15.71* | |
| | | *For Up To 4 CLF, Add* | *16.50* | |
| | | *For >20 CLF, Deduct* | *-18.13* | |
| | | *For 1 Part Mildew Resistant, Add* | *22.91* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *13.09* | |
| 07 92 13 00-0004 | CLF | 1/4" x 1/2" Joint, Silicone Sealant And Caulking | 327.63 | 79.83 |
| | | *For Custom Match Coloring, Add* | *20.94* | |
| | | *For Up To 3 CLF, Add* | *18.56* | |
| | | *For >15 CLF, Deduct* | *-20.75* | |
| | | *For 1 Part Mildew Resistant, Add* | *30.54* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *17.45* | |
| 07 92 13 00-0005 | CLF | 3/8" x 3/8" Joint, Silicone Sealant And Caulking | 338.54 | 79.83 |
| | | *For Custom Match Coloring, Add* | *23.56* | |
| | | *For Up To 2.5 CLF, Add* | *19.38* | |
| | | *For >13 CLF, Deduct* | *-21.84* | |
| | | *For 1 Part Mildew Resistant, Add* | *34.36* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *19.64* | |
| 07 92 13 00-0006 | CLF | 3/8" x 1/2" Joint, Silicone Sealant And Caulking | 371.27 | 79.83 |
| | | *For Custom Match Coloring, Add* | *31.42* | |
| | | *For Up To 2 CLF, Add* | *21.84* | |
| | | *For >10 CLF, Deduct* | *-25.11* | |
| | | *For 1 Part Mildew Resistant, Add* | *45.82* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *26.18* | |
| 07 92 13 00-0007 | CLF | 3/8" x 5/8" Joint, Silicone Sealant And Caulking | 403.99 | 79.83 |
| | | *For Custom Match Coloring, Add* | *39.27* | |
| | | *For Up To 1.5 CLF, Add* | *24.29* | |
| | | *For >8 CLF, Deduct* | *-28.38* | |
| | | *For 1 Part Mildew Resistant, Add* | *57.27* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *32.73* | |
| 07 92 13 00-0008 | CLF | 3/8" x 3/4" Joint, Silicone Sealant And Caulking | 445.30 | 83.27 |
| | | *For Custom Match Coloring, Add* | *47.13* | |
| | | *For Up To 1.3 CLF, Add* | *27.17* | |
| | | *For >7 CLF, Deduct* | *-32.08* | |
| | | *For 1 Part Mildew Resistant, Add* | *68.73* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *39.27* | |
| 07 92 13 00-0009 | CLF | 1/2" x 1/2" Joint, Silicone Sealant And Caulking | 423.48 | 83.27 |
| | | *For Custom Match Coloring, Add* | *41.89* | |
| | | *For Up To 1.4 CLF, Add* | *25.54* | |
| | | *For >7.5 CLF, Deduct* | *-29.90* | |
| | | *For 1 Part Mildew Resistant, Add* | *61.09* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *34.91* | |
| 07 92 13 00-0010 | CLF | 1/2" x 5/8" Joint, Silicone Sealant And Caulking | 475.71 | 85.84 |
| | | *For Custom Match Coloring, Add* | *52.36* | |
| | | *For Up To 1.15 CLF, Add* | *29.24* | |
| | | *For >6 CLF, Deduct* | *-34.69* | |
| | | *For 1 Part Mildew Resistant, Add* | *76.36* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *43.64* | |
| 07 92 13 00-0011 | CLF | 1/2" x 3/4" Joint, Silicone Sealant And Caulking | 519.34 | 85.84 |
| | | *For Custom Match Coloring, Add* | *62.83* | |
| | | *For Up To 1 CLF, Add* | *32.51* | |
| | | *For >5 CLF, Deduct* | *-39.06* | |
| | | *For 1 Part Mildew Resistant, Add* | *91.63* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *52.36* | |
| 07 92 13 00-0012 | CLF | 1/2" x 7/8" Joint, Silicone Sealant And Caulking | 571.56 | 88.41 |
| | | *For Custom Match Coloring, Add* | *73.31* | |
| | | *For Up To 0.8 CLF, Add* | *36.21* | |
| | | *For >4.5 CLF, Deduct* | *-43.85* | |
| | | *For 1 Part Mildew Resistant, Add* | *106.91* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *61.09* | |
| 07 92 13 00-0013 | CLF | 1/2" x 1" Joint, Silicone Sealant And Caulking | 623.78 | 91.85 |
| | | *For Custom Match Coloring, Add* | *83.78* | |
| | | *For Up To 0.75 CLF, Add* | *39.92* | |
| | | *For >4 CLF, Deduct* | *-48.64* | |
| | | *For 1 Part Mildew Resistant, Add* | *122.18* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *69.82* | |
| 07 92 13 00-0014 | CLF | 3/4" x 3/4" Joint, Silicone Sealant And Caulking | 676.00 | 94.42 |
| | | *For Custom Match Coloring, Add* | *94.25* | |
| | | *For Up To 0.65 CLF, Add* | *43.62* | |
| | | *For >3.5 CLF, Deduct* | *-53.44* | |
| | | *For 1 Part Mildew Resistant, Add* | *137.45* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *78.54* | |
| 07 92 13 00-0015 | CLF | 3/4" x 1" Joint, Silicone Sealant And Caulking | 832.65 | 103.01 |
| | | *For Custom Match Coloring, Add* | *125.67* | |
| | | *For Up To 0.5 CLF, Add* | *54.72* | |
| | | *For >2.5 CLF, Deduct* | *-67.81* | |
| | | *For 1 Part Mildew Resistant, Add* | *183.27* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *104.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 92 13 00-0016 | CLF | 1" x 1" Joint, Silicone Sealant And Caulking | 1,041.54 | 114.17 |
| | | *For Custom Match Coloring, Add* | *167.56* | |
| | | *For Up To 0.4 CLF, Add* | *69.53* | |
| | | *For >2 CLF, Deduct* | *-86.99* | |
| | | *For 1 Part Mildew Resistant, Add* | *244.36* | |
| | | *For High-Modulus Non-Acid Curing, Add* | *139.63* | |

## 07 92 13 00-0017 Acrylic/Latex Sealant And Caulking *(07 92 13)*

| | | | | |
|---|---|---|---|---|
| 07 92 13 00-0018 | CLF | 1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking | 247.09 | 77.26 |
| | | *For Up To 6 CLF, Add* | *12.74* | |
| | | *For >30 CLF, Deduct* | *-13.12* | |
| 07 92 13 00-0019 | CLF | 1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking | 254.74 | 77.26 |
| | | *For Up To 4 CLF, Add* | *13.31* | |
| | | *For >20 CLF, Deduct* | *-13.89* | |
| 07 92 13 00-0020 | CLF | 1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking | 270.98 | 79.83 |
| | | *For Up To 3 CLF, Add* | *14.31* | |
| | | *For >15 CLF, Deduct* | *-15.08* | |
| 07 92 13 00-0021 | CLF | 3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking | 274.80 | 79.83 |
| | | *For Up To 2.5 CLF, Add* | *14.60* | |
| | | *For >13 CLF, Deduct* | *-15.46* | |
| 07 92 13 00-0022 | CLF | 3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking | 286.29 | 79.83 |
| | | *For Up To 2 CLF, Add* | *15.46* | |
| | | *For >10 CLF, Deduct* | *-16.61* | |
| 07 92 13 00-0023 | CLF | 3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking | 297.77 | 79.83 |
| | | *For Up To 1.5 CLF, Add* | *16.32* | |
| | | *For >8 CLF, Deduct* | *-17.76* | |
| 07 92 13 00-0024 | CLF | 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking | 317.83 | 83.27 |
| | | *For Up To 1.3 CLF, Add* | *17.61* | |
| | | *For >7 CLF, Deduct* | *-19.34* | |
| 07 92 13 00-0025 | CLF | 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking | 310.17 | 83.27 |
| | | *For Up To 1.4 CLF, Add* | *17.04* | |
| | | *For >7.5 CLF, Deduct* | *-18.57* | |
| 07 92 13 00-0026 | CLF | 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking | 334.07 | 85.84 |
| | | *For Up To 1.15 CLF, Add* | *18.62* | |
| | | *For >6 CLF, Deduct* | *-20.53* | |
| 07 92 13 00-0027 | CLF | 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking | 349.38 | 85.84 |
| | | *For Up To 1 CLF, Add* | *19.77* | |
| | | *For >5 CLF, Deduct* | *-22.06* | |
| 07 92 13 00-0028 | CLF | 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking | 373.27 | 88.41 |
| | | *For Up To 0.8 CLF, Add* | *21.34* | |
| | | *For >4.5 CLF, Deduct* | *-24.02* | |
| 07 92 13 00-0029 | CLF | 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking | 397.17 | 91.85 |
| | | *For Up To 0.75 CLF, Add* | *22.92* | |
| | | *For >4 CLF, Deduct* | *-25.98* | |
| 07 92 13 00-0030 | CLF | 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking | 421.06 | 94.42 |
| | | *For Up To 0.65 CLF, Add* | *24.50* | |
| | | *For >3.5 CLF, Deduct* | *-27.94* | |
| 07 92 13 00-0031 | CLF | 3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking | 492.73 | 103.01 |
| | | *For Up To 0.5 CLF, Add* | *29.23* | |
| | | *For >2.5 CLF, Deduct* | *-33.82* | |
| 07 92 13 00-0032 | CLF | 1" x 1" Joint, Acrylic/Latex Sealant And Caulking | 588.31 | 114.17 |
| | | *For Up To 0.4 CLF, Add* | *35.54* | |
| | | *For >2 CLF, Deduct* | *-41.66* | |

## 07 92 13 00-0033 Polyurethane Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

| | | | | |
|---|---|---|---|---|
| 07 92 13 00-0034 | CLF | 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking | 265.25 | 77.26 |
| | | *For Up To 6 CLF, Add* | *14.10* | |
| | | *For >30 CLF, Deduct* | *-14.94* | |
| 07 92 13 00-0035 | CLF | 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking | 281.98 | 77.26 |
| | | *For Up To 4 CLF, Add* | *15.35* | |
| | | *For >20 CLF, Deduct* | *-16.61* | |
| 07 92 13 00-0036 | CLF | 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking | 307.29 | 79.83 |
| | | *For Up To 3 CLF, Add* | *17.04* | |
| | | *For >15 CLF, Deduct* | *-18.71* | |
| 07 92 13 00-0037 | CLF | 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking | 315.66 | 79.83 |
| | | *For Up To 2.5 CLF, Add* | *17.67* | |
| | | *For >13 CLF, Deduct* | *-19.55* | |
| 07 92 13 00-0038 | CLF | 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking | 340.76 | 79.83 |
| | | *For Up To 2 CLF, Add* | *19.55* | |
| | | *For >10 CLF, Deduct* | *-22.06* | |
| 07 92 13 00-0039 | CLF | 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking | 365.86 | 79.83 |
| | | *For Up To 1.5 CLF, Add* | *21.43* | |
| | | *For >8 CLF, Deduct* | *-24.57* | |
| 07 92 13 00-0040 | CLF | 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking | 399.54 | 83.27 |
| | | *For Up To 1.3 CLF, Add* | *23.74* | |
| | | *For >7 CLF, Deduct* | *-27.51* | |
| 07 92 13 00-0041 | CLF | 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking | 382.81 | 83.27 |
| | | *For Up To 1.4 CLF, Add* | *22.49* | |
| | | *For >7.5 CLF, Deduct* | *-25.83* | |
| 07 92 13 00-0042 | CLF | 1/2" x 5/8" Joint, Polyurethane Sealant And Caulking | 424.86 | 85.84 |
| | | *For Up To 1.15 CLF, Add* | *25.43* | |
| | | *For >6 CLF, Deduct* | *-29.61* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 92 13 00-0043 | CLF | 1/2" x 3/4" Joint, Polyurethane Sealant And Caulking | 458.33 | 85.84 |
| | | *For Up To 1 CLF, Add* | *27.94* | |
| | | *For >5 CLF, Deduct* | *-32.96* | |
| 07 92 13 00-0044 | CLF | 1/2" x 7/8" Joint, Polyurethane Sealant And Caulking | 500.38 | 88.41 |
| | | *For Up To 0.8 CLF, Add* | *30.88* | |
| | | *For >4.5 CLF, Deduct* | *-36.73* | |
| 07 92 13 00-0045 | CLF | 1/2" x 1" Joint, Polyurethane Sealant And Caulking | 542.44 | 91.85 |
| | | *For Up To 0.75 CLF, Add* | *33.82* | |
| | | *For >4 CLF, Deduct* | *-40.51* | |
| 07 92 13 00-0046 | CLF | 3/4" x 3/4" Joint, Polyurethane Sealant And Caulking | 584.48 | 94.42 |
| | | *For Up To 0.65 CLF, Add* | *36.75* | |
| | | *For >3.5 CLF, Deduct* | *-44.28* | |
| 07 92 13 00-0047 | CLF | 3/4" x 1" Joint, Polyurethane Sealant And Caulking | 710.63 | 103.01 |
| | | *For Up To 0.5 CLF, Add* | *45.57* | |
| | | *For >2.5 CLF, Deduct* | *-55.61* | |

### 07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear *(07 92 13)*

Note: 1 or 2 part, non-sag.

| | | | | |
|---|---|---|---|---|
| 07 92 13 00-0049 | CLF | 1/4" x 1/4" Joint, Polysulfide Sealant And Caulking | 268.42 | 77.26 |
| | | *For Up To 6 CLF, Add* | *14.34* | |
| | | *For >30 CLF, Deduct* | *-15.25* | |
| 07 92 13 00-0050 | CLF | 1/4" x 3/8" Joint, Polysulfide Sealant And Caulking | 286.76 | 77.26 |
| | | *For Up To 4 CLF, Add* | *15.71* | |
| | | *For >20 CLF, Deduct* | *-17.09* | |
| 07 92 13 00-0051 | CLF | 1/4" x 1/2" Joint, Polysulfide Sealant And Caulking | 313.66 | 79.83 |
| | | *For Up To 3 CLF, Add* | *17.52* | |
| | | *For >15 CLF, Deduct* | *-19.35* | |
| 07 92 13 00-0052 | CLF | 3/8" x 3/8" Joint, Polysulfide Sealant And Caulking | 322.82 | 79.83 |
| | | *For Up To 2.5 CLF, Add* | *18.20* | |
| | | *For >13 CLF, Deduct* | *-20.26* | |
| 07 92 13 00-0053 | CLF | 3/8" x 1/2" Joint, Polysulfide Sealant And Caulking | 350.32 | 79.83 |
| | | *For Up To 2 CLF, Add* | *20.27* | |
| | | *For >10 CLF, Deduct* | *-23.01* | |
| 07 92 13 00-0054 | CLF | 3/8" x 5/8" Joint, Polysulfide Sealant And Caulking | 377.80 | 79.83 |
| | | *For Up To 1.5 CLF, Add* | *22.33* | |
| | | *For >8 CLF, Deduct* | *-25.76* | |
| 07 92 13 00-0055 | CLF | 3/8" x 3/4" Joint, Polysulfide Sealant And Caulking | 413.86 | 83.27 |
| | | *For Up To 1.3 CLF, Add* | *24.82* | |
| | | *For >7 CLF, Deduct* | *-28.94* | |
| 07 92 13 00-0056 | CLF | 1/2" x 1/2" Joint, Polysulfide Sealant And Caulking | 395.54 | 83.27 |
| | | *For Up To 1.4 CLF, Add* | *23.44* | |
| | | *For >7.5 CLF, Deduct* | *-27.11* | |
| 07 92 13 00-0057 | CLF | 1/2" x 5/8" Joint, Polysulfide Sealant And Caulking | 440.79 | 85.84 |
| | | *For Up To 1.15 CLF, Add* | *26.62* | |
| | | *For >6 CLF, Deduct* | *-31.20* | |
| 07 92 13 00-0058 | CLF | 1/2" x 3/4" Joint, Polysulfide Sealant And Caulking | 477.44 | 85.84 |
| | | *For Up To 1 CLF, Add* | *29.37* | |
| | | *For >5 CLF, Deduct* | *-34.87* | |
| 07 92 13 00-0059 | CLF | 1/2" x 7/8" Joint, Polysulfide Sealant And Caulking | 522.67 | 88.41 |
| | | *For Up To 0.8 CLF, Add* | *32.55* | |
| | | *For >4.5 CLF, Deduct* | *-38.96* | |
| 07 92 13 00-0060 | CLF | 1/2" x 1" Joint, Polysulfide Sealant And Caulking | 567.91 | 91.85 |
| | | *For Up To 0.75 CLF, Add* | *35.73* | |
| | | *For >4 CLF, Deduct* | *-43.06* | |
| 07 92 13 00-0061 | CLF | 3/4" x 3/4" Joint, Polysulfide Sealant And Caulking | 613.15 | 94.42 |
| | | *For Up To 0.65 CLF, Add* | *38.90* | |
| | | *For >3.5 CLF, Deduct* | *-47.15* | |
| 07 92 13 00-0062 | CLF | 3/4" x 1" Joint, Polysulfide Sealant And Caulking | 748.84 | 103.01 |
| | | *For Up To 0.5 CLF, Add* | *48.44* | |
| | | *For >2.5 CLF, Deduct* | *-59.43* | |

## 07 95 Expansion Control *(07 90)*

### 07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

### 07 95 13 13 Interior Expansion Joint Cover Assemblies *(07 95 13)*

#### 07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*

#### 07 95 13 13-0002 With 1" Space *(07 95 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 07 95 13 13-0003 | LF | 1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover | 52.05 | 5.77 |
| 07 95 13 13-0004 | LF | 1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover | 72.17 | 5.77 |
| 07 95 13 13-0005 | LF | 1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover | 71.94 | 5.77 |

#### 07 95 13 13-0006 With 2" Space *(07 95 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 07 95 13 13-0007 | LF | 2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover | 67.93 | 5.77 |
| 07 95 13 13-0008 | LF | 2" Opening Floor Assembly Type, Bronze Expansion Joint Cover | 89.45 | 5.77 |
| 07 95 13 13-0009 | LF | 2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover | 97.77 | 5.77 |

#### 07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*

#### 07 95 13 13-0011 With 1" Space *(07 95 13 13-0010)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 07 95 13 13-0012 | LF | 1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover | 41.19 | 5.77 |
| 07 95 13 13-0013 | LF | 1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover | 59.90 | 5.77 |
| 07 95 13 13-0014 | LF | 1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover | 64.05 | 5.77 |
| 07 95 13 13-0015 | | With 2" Space *(07 95 13 13-0010)* | | |
| 07 95 13 13-0016 | LF | 2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover | 50.72 | 5.77 |
| 07 95 13 13-0017 | LF | 2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover | 68.53 | 5.77 |
| 07 95 13 13-0018 | LF | 2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover | 76.96 | 5.77 |
| **07 95 13 16** | | **Exterior Expansion Joint Cover Assemblies** ***(07 95 13)*** | | |
| 07 95 13 16-0001 | | Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)* | | |
| 07 95 13 16-0002 | | Roof To Roof *(07 95 13 16-0001)* | | |
| 07 95 13 16-0003 | LF | 1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint | 67.88 | 3.85 |
| 07 95 13 16-0004 | LF | 2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint | 81.24 | 3.85 |
| 07 95 13 16-0005 | LF | 3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint | 90.45 | 3.85 |
| 07 95 13 16-0006 | | Roof To Wall *(07 95 13 16-0001)* | | |
| 07 95 13 16-0007 | LF | 1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint | 51.59 | 3.85 |
| 07 95 13 16-0008 | LF | 2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint | 67.95 | 3.85 |
| 07 95 13 16-0009 | | Flat Wall To Wall *(07 95 13 16-0001)* | | |
| 07 95 13 16-0010 | LF | 1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint | 38.93 | 3.85 |
| 07 95 13 16-0011 | LF | 2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint | 48.75 | 3.85 |
| 07 95 13 16-0012 | LF | 3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint | 60.60 | 3.85 |
| 07 95 13 16-0013 | | Corner To Flat Wall *(07 95 13 16-0001)* | | |
| 07 95 13 16-0014 | LF | 1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint | 37.12 | 3.85 |
| 07 95 13 16-0015 | LF | 2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint | 43.66 | 3.85 |
| 07 95 13 16-0016 | LF | 3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint | 62.06 | 3.85 |

**END OF SECTION 07**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 08 Openings

## 08 01 Operation and Maintenance of Openings *(08)*

### 08 01 50 Operation and Maintenance of Windows *(08 01)*

#### 08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

##### 08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

| | | | |
|---|---|---|---|
| 08 01 52 61-0002 | EA | Removal And Replacement Of Sash Guides | 9.60 |
| 08 01 52 61-0003 | EA | Removal And Replacement Of Window Arms | 27.15 |
| 08 01 52 61-0004 | EA | Removal And Replacement Of Window Crank Operator | 33.15 |
| 08 01 52 61-0005 | EA | Removal And Replacement Of Brass Window Sash Pull | 18.93 |
| 08 01 52 61-0006 | EA | Removal And Replacement Of Brass Window Sash Lock | 17.01 |
| 08 01 52 61-0007 | EA | Removal And Replacement Of Window Balance, Removable Sash Window<br>Note: Channel, spiral or coil balance. | 22.20 |
| 08 01 52 61-0008 | EA | Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/Or Casing<br>Note: Channel, spiral or coil balance. | 65.14 |
| | | *For Replacing Two Balances In One Window, Deduct* | *-23.70* |

### 08 01 80 Maintenance of Glazing *(08 01)*

#### 08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 00-0001 Glazing Compound Repair *(08 01 81)*

| | | | |
|---|---|---|---|
| 08 01 81 00-0002 | LF | Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing | 4.92 |

## 08 05 Common Work Results for Openings *(08)*

### 08 05 13 Door Options and Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) *(08 05 13)*

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

| | | | |
|---|---|---|---|
| 08 05 13 00-0002 | EA | For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 127.83 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *63.92* |
| 08 05 13 00-0003 | EA | For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 161.82 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *80.91* |
| 08 05 13 00-0004 | EA | For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 187.71 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *93.86* |
| 08 05 13 00-0005 | EA | For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 239.49 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *119.75* |
| 08 05 13 00-0006 | EA | For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 310.69 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *155.35* |
| 08 05 13 00-0007 | EA | For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 396.45 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *198.23* |
| 08 05 13 00-0008 | EA | For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 420.72 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *210.36* |
| 08 05 13 00-0009 | EA | For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 202.10 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *58.11* |
| 08 05 13 00-0010 | EA | For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 241.58 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *73.55* |
| 08 05 13 00-0011 | EA | For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 273.70 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *85.32* |
| 08 05 13 00-0012 | EA | For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 329.38 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *108.86* |
| 08 05 13 00-0013 | EA | For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 402.69 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *141.22* |
| 08 05 13 00-0014 | EA | For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 489.24 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *180.21* |
| 08 05 13 00-0015 | EA | For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add | 519.89 |
| | | *For 9/16" To 1-1/16" Glazing Pocket, Add* | *191.24* |

08 05 13 00-0016 Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) *(08 05 13)*


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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| | | Note: Factory primed or powder coated. | | |
| 08 05 13 00-0017 | EA | For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 122.41 | |
| 08 05 13 00-0018 | EA | For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 139.07 | |
| 08 05 13 00-0019 | EA | For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 189.05 | |
| 08 05 13 00-0020 | EA | For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 352.53 | |
| 08 05 13 00-0021 | EA | For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 436.00 | |
| 08 05 13 00-0022 | EA | For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 520.82 | |
| 08 05 13 00-0023 | EA | For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 679.68 | |
| 08 05 13 00-0024 | EA | For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 800.11 | |
| | | *For 18 Gauge Louver And 18 Gauge Frame, Add* | *96.01* | |
| 08 05 13 00-0025 | EA | For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 186.83 | |
| 08 05 13 00-0026 | EA | For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 209.92 | |
| 08 05 13 00-0027 | EA | For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 266.35 | |
| 08 05 13 00-0028 | EA | For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 436.27 | |
| 08 05 13 00-0029 | EA | For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 526.19 | |
| 08 05 13 00-0030 | EA | For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 617.44 | |
| 08 05 13 00-0031 | EA | For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 782.74 | |
| 08 05 13 00-0032 | EA | For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add | 907.47 | |
| | | *For 18 Gauge Louver And 18 Gauge Frame, Add* | *96.01* | |

## 08 05 13 00-0033 Fire Rated Fusible Link Louvers (Pemko LV-FL) *(08 05 13)*

| | | | | |
|---|---|---|---|---|
| | | Note: Factory primed or powder coated. | | |
| 08 05 13 00-0034 | EA | For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add | 247.98 | |
| 08 05 13 00-0035 | EA | For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add | 283.78 | |
| 08 05 13 00-0036 | EA | For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add | 333.35 | |
| 08 05 13 00-0037 | EA | For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add | 325.28 | |
| 08 05 13 00-0038 | EA | For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add | 369.67 | |
| 08 05 13 00-0039 | EA | For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add | 426.11 | |

## 08 05 13 00-0040 Door Hardware Preparation *(08 05 13)*

| | | | | |
|---|---|---|---|---|
| 08 05 13 00-0041 | EA | Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware | 64.38 | |
| 08 05 13 00-0042 | EA | Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware<br>Note: Requires door to be taken off site for UL certification. | 158.81 | |
| 08 05 13 00-0043 | EA | Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware | 72.96 | |
| 08 05 13 00-0044 | EA | Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware<br>Note: Requires door to be taken off site for UL certification. | 128.77 | |
| 08 05 13 00-0045 | EA | Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware | 21.46 | |
| 08 05 13 00-0046 | EA | Prepare Existing Wood Door (Rated) For Concealed Vertical Rod<br>Note: Requires door to be taken off site for UL certification. | 236.09 | |
| 08 05 13 00-0047 | EA | Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod | 150.22 | |
| 08 05 13 00-0048 | EA | Prepare Existing Wood Door (Rated) For Electric Hardware<br>Note: Requires door to be taken off site for UL certification. | 158.81 | |
| 08 05 13 00-0049 | EA | Prepare Existing Door (Non-Rated) For Electric Hardware | 72.96 | |

## 08 05 13 00-0050 Door Modifications *(08 05 13)*

| | | | | |
|---|---|---|---|---|
| 08 05 13 00-0051 | EA | Factory Installed Sound Proofing (STC 28) In Metal Door | 198.17 | |
| 08 05 13 00-0052 | SF | For 16 Gauge Steel Metal Plate Bolted On Door<br>Note: Includes mounting hardware. | 32.53 | |
| 08 05 13 00-0053 | EA | Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile<br>Note: Excludes removal and reinstallation of door. | 77.30 | |
| 08 05 13 00-0054 | EA | Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile<br>Note: Excludes removal and reinstallation of door. | 39.27 | |
| 08 05 13 00-0055 | EA | Modify Metal Door Frame For Door Swing<br>Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door. | 1,039.77 | |
| 08 05 13 00-0056 | EA | Removal And Reinstallation Of Door | 73.00 | |
| 08 05 13 00-0057 | EA | Removal And Reinstallation Of Metal Door Frame | 143.15 | |
| 08 05 13 00-0058 | EA | Removal And Reinstallation Of Wood Door Frame | 87.27 | |
| 08 05 13 00-0059 | EA | Factory Trim Wood Door Edge For Custom Width | 56.72 | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 08 10 Doors and Frames *(08)*

## 08 11 Metal Doors and Frames *(08 10)*

### 08 11 63 Metal Screen and Storm Doors and Frames *(08 11)*

### 08 11 63 13 Steel Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 13-0001 Steel Screen Door *(08 11 63 13)*

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

| | | | | |
|---|---|---|---|---|
| 08 11 63 13-0002 | EA | 2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware | 1,185.96 | 118.10 |
| 08 11 63 13-0003 | EA | 3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware | 1,194.59 | 122.40 |
| 08 11 63 13-0004 | EA | Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware | 1,015.80 | 122.40 |

### 08 11 63 23 Aluminum Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)*

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

| | | | | |
|---|---|---|---|---|
| 08 11 63 23-0002 | EA | Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware | 690.15 | 68.72 |
| | | *For Special Finished, Add* | *62.20* | |
| 08 11 63 23-0003 | EA | Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware | 725.11 | 68.72 |
| 08 11 63 23-0004 | EA | Aluminum Screen Door | 256.58 | 42.92 |
| 08 11 63 23-0005 | SF | Repair Screen Door | 8.08 | |

### 08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001 Motor Operated Fire Door *(08 11 73)*

Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.

| | | | | |
|---|---|---|---|---|
| 08 11 73 00-0002 | EA | 3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating | 4,952.94 | 480.91 |
| 08 11 73 00-0003 | EA | 3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating | 5,434.50 | 480.91 |
| 08 11 73 00-0004 | EA | 4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating | 6,254.07 | 480.91 |
| 08 11 73 00-0005 | EA | 5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating | 7,130.57 | 480.91 |

## 08 12 Metal Frames *(08 10)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

### 08 12 13 Hollow Metal Frames *(08 12)*

### 08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0003 | EA | 2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 287.52 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *23.80* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *19.04* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *292.08* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *339.69* | |
| | | *For Baked Enamel Finish, Add* | *66.93* | |
| | | *For 18 Gauge Frame, Deduct* | *-15.87* | |
| | | *For 14 Gauge Frame, Add* | *39.67* | |
| | | *For 12 Gauge Frame, Add* | *60.30* | |
| 08 12 13 13-0004 | EA | 2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 330.64 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *28.34* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *22.67* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *347.14* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *403.82* | |
| | | *For Baked Enamel Finish, Add* | *77.93* | |
| | | *For 18 Gauge Frame, Deduct* | *-18.89* | |
| | | *For 14 Gauge Frame, Add* | *47.23* | |
| | | *For 12 Gauge Frame, Add* | *71.79* | |
| 08 12 13 13-0005 | EA | 2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 342.26 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *28.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *23.03* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *353.03* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *410.61* | |
| | | *For Baked Enamel Finish, Add* | *80.13* | |
| | | *For 18 Gauge Frame, Deduct* | *-19.20* | |
| | | *For 14 Gauge Frame, Add* | *47.99* | |
| | | *For 12 Gauge Frame, Add* | *72.94* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0006 | EA | 2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 355.14 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *28.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *23.03* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *353.67* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *411.25* | |
| | | *For Baked Enamel Finish, Add* | *82.06* | |
| | | *For 18 Gauge Frame, Deduct* | *-19.20* | |
| | | *For 14 Gauge Frame, Add* | *47.99* | |
| | | *For 12 Gauge Frame, Add* | *72.94* | |
| 08 12 13 13-0007 | EA | 2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 362.46 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *29.25* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *23.40* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *359.32* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *417.81* | |
| | | *For Baked Enamel Finish, Add* | *83.61* | |
| | | *For 18 Gauge Frame, Deduct* | *-19.50* | |
| | | *For 14 Gauge Frame, Add* | *48.74* | |
| | | *For 12 Gauge Frame, Add* | *74.09* | |
| 08 12 13 13-0008 | EA | 3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 369.77 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *29.70* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *23.76* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *364.97* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *424.37* | |
| | | *For Baked Enamel Finish, Add* | *85.16* | |
| | | *For 18 Gauge Frame, Deduct* | *-19.80* | |
| | | *For 14 Gauge Frame, Add* | *49.50* | |
| | | *For 12 Gauge Frame, Add* | *75.24* | |
| 08 12 13 13-0009 | EA | 3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 391.95 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *31.74* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *25.39* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *389.88* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *453.36* | |
| | | *For Baked Enamel Finish, Add* | *90.53* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.16* | |
| | | *For 14 Gauge Frame, Add* | *52.90* | |
| | | *For 12 Gauge Frame, Add* | *80.40* | |
| 08 12 13 13-0010 | EA | 3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 400.55 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *31.74* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *25.39* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *390.31* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *453.79* | |
| | | *For Baked Enamel Finish, Add* | *91.82* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.16* | |
| | | *For 14 Gauge Frame, Add* | *52.90* | |
| | | *For 12 Gauge Frame, Add* | *80.40* | |
| 08 12 13 13-0011 | EA | 4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 416.70 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *32.87* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *26.30* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *404.35* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *470.09* | |
| | | *For Baked Enamel Finish, Add* | *95.38* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.92* | |
| | | *For 14 Gauge Frame, Add* | *54.79* | |
| | | *For 12 Gauge Frame, Add* | *83.28* | |
| 08 12 13 13-0012 | EA | 5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 432.85 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *34.01* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *27.21* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *418.39* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *486.40* | |
| | | *For Baked Enamel Finish, Add* | *98.93* | |
| | | *For 18 Gauge Frame, Deduct* | *-22.67* | |
| | | *For 14 Gauge Frame, Add* | *56.68* | |
| | | *For 12 Gauge Frame, Add* | *86.15* | |
| 08 12 13 13-0013 | EA | 5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 441.43 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *34.01* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *27.21* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *418.81* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *486.83* | |
| | | *For Baked Enamel Finish, Add* | *100.22* | |
| | | *For 18 Gauge Frame, Deduct* | *-22.67* | |
| | | *For 14 Gauge Frame, Add* | *56.68* | |
| | | *For 12 Gauge Frame, Add* | *86.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0014 | EA | 5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 449.51 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *34.57* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *27.66* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *425.83* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *494.98* | |
| | | *For Baked Enamel Finish, Add* | *102.00* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.05* | |
| | | *For 14 Gauge Frame, Add* | *57.62* | |
| | | *For 12 Gauge Frame, Add* | *87.59* | |
| 08 12 13 13-0015 | EA | 6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 457.57 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *35.14* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *28.11* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *432.83* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *503.11* | |
| | | *For Baked Enamel Finish, Add* | *103.77* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.43* | |
| | | *For 14 Gauge Frame, Add* | *58.57* | |
| | | *For 12 Gauge Frame, Add* | *89.02* | |
| 08 12 13 13-0016 | EA | 7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 476.99 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *37.41* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *29.93* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *460.26* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *535.08* | |
| | | *For Baked Enamel Finish, Add* | *108.96* | |
| | | *For 18 Gauge Frame, Deduct* | *-24.94* | |
| | | *For 14 Gauge Frame, Add* | *62.35* | |
| | | *For 12 Gauge Frame, Add* | *94.76* | |
| 08 12 13 13-0017 | EA | 8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 496.40 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *39.67* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *31.74* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *487.68* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *567.02* | |
| | | *For Baked Enamel Finish, Add* | *114.13* | |
| | | *For 18 Gauge Frame, Deduct* | *-26.45* | |
| | | *For 14 Gauge Frame, Add* | *66.12* | |
| | | *For 12 Gauge Frame, Add* | *100.51* | |

## 08 12 13 13-0018 >7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0019 | EA | 2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 305.16 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *26.45* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *21.16* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *323.84* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *376.73* | |
| | | *For Baked Enamel Finish, Add* | *72.22* | |
| | | *For 18 Gauge Frame, Deduct* | *-17.63* | |
| | | *For 14 Gauge Frame, Add* | *44.08* | |
| | | *For 12 Gauge Frame, Add* | *67.01* | |
| 08 12 13 13-0020 | EA | 2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 351.63 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *31.49* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *25.19* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *384.92* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *447.90* | |
| | | *For Baked Enamel Finish, Add* | *84.23* | |
| | | *For 18 Gauge Frame, Deduct* | *-20.99* | |
| | | *For 14 Gauge Frame, Add* | *52.48* | |
| | | *For 12 Gauge Frame, Add* | *79.77* | |
| 08 12 13 13-0021 | EA | 2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 363.58 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *31.99* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *25.59* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *391.40* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *455.38* | |
| | | *For Baked Enamel Finish, Add* | *86.53* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.33* | |
| | | *For 14 Gauge Frame, Add* | *53.32* | |
| | | *For 12 Gauge Frame, Add* | *81.04* | |
| 08 12 13 13-0022 | EA | 2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 376.46 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *31.99* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *25.59* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *392.05* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *456.03* | |
| | | *For Baked Enamel Finish, Add* | *88.46* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.33* | |
| | | *For 14 Gauge Frame, Add* | *53.32* | |
| | | *For 12 Gauge Frame, Add* | *81.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0023 | EA | 2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 384.12 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *32.49* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *26.00* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *398.31* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *463.30* | |
| | | *For Baked Enamel Finish, Add* | *90.11* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.66* | |
| | | *For 14 Gauge Frame, Add* | *54.16* | |
| | | *For 12 Gauge Frame, Add* | *82.32* | |
| 08 12 13 13-0024 | EA | 3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 391.77 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *33.00* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *26.40* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *404.57* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *470.57* | |
| | | *For Baked Enamel Finish, Add* | *91.76* | |
| | | *For 18 Gauge Frame, Deduct* | *-22.00* | |
| | | *For 14 Gauge Frame, Add* | *55.00* | |
| | | *For 12 Gauge Frame, Add* | *83.60* | |
| 08 12 13 13-0025 | EA | 3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 415.46 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *35.27* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *28.21* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *432.20* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *502.73* | |
| | | *For Baked Enamel Finish, Add* | *97.58* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.51* | |
| | | *For 14 Gauge Frame, Add* | *58.78* | |
| | | *For 12 Gauge Frame, Add* | *89.34* | |
| 08 12 13 13-0026 | EA | 3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 424.06 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *35.27* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *28.21* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *432.63* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *503.16* | |
| | | *For Baked Enamel Finish, Add* | *98.87* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.51* | |
| | | *For 14 Gauge Frame, Add* | *58.78* | |
| | | *For 12 Gauge Frame, Add* | *89.34* | |
| 08 12 13 13-0027 | EA | 4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 441.05 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *36.53* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *29.22* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *448.18* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *521.23* | |
| | | *For Baked Enamel Finish, Add* | *102.68* | |
| | | *For 18 Gauge Frame, Deduct* | *-24.35* | |
| | | *For 14 Gauge Frame, Add* | *60.88* | |
| | | *For 12 Gauge Frame, Add* | *92.53* | |
| 08 12 13 13-0028 | EA | 5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 458.04 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *37.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *30.23* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *463.73* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *539.30* | |
| | | *For Baked Enamel Finish, Add* | *106.49* | |
| | | *For 18 Gauge Frame, Deduct* | *-25.19* | |
| | | *For 14 Gauge Frame, Add* | *62.98* | |
| | | *For 12 Gauge Frame, Add* | *95.72* | |
| 08 12 13 13-0029 | EA | 5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 466.62 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *37.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *30.23* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *464.16* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *539.73* | |
| | | *For Baked Enamel Finish, Add* | *107.78* | |
| | | *For 18 Gauge Frame, Deduct* | *-25.19* | |
| | | *For 14 Gauge Frame, Add* | *62.98* | |
| | | *For 12 Gauge Frame, Add* | *95.72* | |
| 08 12 13 13-0030 | EA | 5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 475.11 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *38.41* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *30.73* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *471.91* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *548.74* | |
| | | *For Baked Enamel Finish, Add* | *109.68* | |
| | | *For 18 Gauge Frame, Deduct* | *-25.61* | |
| | | *For 14 Gauge Frame, Add* | *64.02* | |
| | | *For 12 Gauge Frame, Add* | *97.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0031 | EA | 6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 483.60 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *39.04* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *31.23* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *479.69* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *557.77* | |
| | | *For Baked Enamel Finish, Add* | *111.58* | |
| | | *For 18 Gauge Frame, Deduct* | *-26.03* | |
| | | *For 14 Gauge Frame, Add* | *65.07* | |
| | | *For 12 Gauge Frame, Add* | *98.91* | |
| 08 12 13 13-0032 | EA | 7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 504.70 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *41.56* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *33.25* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *510.14* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *593.27* | |
| | | *For Baked Enamel Finish, Add* | *117.27* | |
| | | *For 18 Gauge Frame, Deduct* | *-27.71* | |
| | | *For 14 Gauge Frame, Add* | *69.27* | |
| | | *For 12 Gauge Frame, Add* | *105.29* | |
| 08 12 13 13-0033 | EA | 8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 525.79 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *44.08* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *35.27* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *540.58* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *628.74* | |
| | | *For Baked Enamel Finish, Add* | *122.95* | |
| | | *For 18 Gauge Frame, Deduct* | *-29.39* | |
| | | *For 14 Gauge Frame, Add* | *73.47* | |
| | | *For 12 Gauge Frame, Add* | *111.67* | |

### 08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

### 08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0036 | EA | 2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 305.16 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *26.45* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *21.16* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *323.84* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *376.73* | |
| | | *For Baked Enamel Finish, Add* | *72.22* | |
| | | *For 18 Gauge Frame, Deduct* | *-17.63* | |
| | | *For 14 Gauge Frame, Add* | *44.08* | |
| | | *For 12 Gauge Frame, Add* | *67.01* | |
| 08 12 13 13-0037 | EA | 2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 351.63 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *31.49* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *25.19* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *384.92* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *447.90* | |
| | | *For Baked Enamel Finish, Add* | *84.23* | |
| | | *For 18 Gauge Frame, Deduct* | *-20.99* | |
| | | *For 14 Gauge Frame, Add* | *52.48* | |
| | | *For 12 Gauge Frame, Add* | *79.77* | |
| 08 12 13 13-0038 | EA | 2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 363.58 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *31.99* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *25.59* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *391.40* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *455.38* | |
| | | *For Baked Enamel Finish, Add* | *86.53* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.33* | |
| | | *For 14 Gauge Frame, Add* | *53.32* | |
| | | *For 12 Gauge Frame, Add* | *81.04* | |
| 08 12 13 13-0039 | EA | 2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 376.46 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *31.99* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *25.59* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *392.05* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *456.03* | |
| | | *For Baked Enamel Finish, Add* | *88.46* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.33* | |
| | | *For 14 Gauge Frame, Add* | *53.32* | |
| | | *For 12 Gauge Frame, Add* | *81.04* | |
| 08 12 13 13-0040 | EA | 2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 384.12 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *32.49* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *26.00* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *398.31* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *463.30* | |
| | | *For Baked Enamel Finish, Add* | *90.11* | |
| | | *For 18 Gauge Frame, Deduct* | *-21.66* | |
| | | *For 14 Gauge Frame, Add* | *54.16* | |
| | | *For 12 Gauge Frame, Add* | *82.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0041 | EA | 3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 391.77 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *33.00* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *26.40* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *404.57* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *470.57* | |
| | | *For Baked Enamel Finish, Add* | *91.76* | |
| | | *For 18 Gauge Frame, Deduct* | *-22.00* | |
| | | *For 14 Gauge Frame, Add* | *55.00* | |
| | | *For 12 Gauge Frame, Add* | *83.60* | |
| 08 12 13 13-0042 | EA | 3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 415.46 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *35.27* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *28.21* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *432.20* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *502.73* | |
| | | *For Baked Enamel Finish, Add* | *97.58* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.51* | |
| | | *For 14 Gauge Frame, Add* | *58.78* | |
| | | *For 12 Gauge Frame, Add* | *89.34* | |
| 08 12 13 13-0043 | EA | 3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 424.06 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *35.27* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *28.21* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *432.63* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *503.16* | |
| | | *For Baked Enamel Finish, Add* | *98.87* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.51* | |
| | | *For 14 Gauge Frame, Add* | *58.78* | |
| | | *For 12 Gauge Frame, Add* | *89.34* | |
| 08 12 13 13-0044 | EA | 4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 441.05 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *36.53* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *29.22* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *448.18* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *521.23* | |
| | | *For Baked Enamel Finish, Add* | *102.68* | |
| | | *For 18 Gauge Frame, Deduct* | *-24.35* | |
| | | *For 14 Gauge Frame, Add* | *60.88* | |
| | | *For 12 Gauge Frame, Add* | *92.53* | |
| 08 12 13 13-0045 | EA | 5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 458.04 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *37.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *30.23* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *463.73* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *539.30* | |
| | | *For Baked Enamel Finish, Add* | *106.49* | |
| | | *For 18 Gauge Frame, Deduct* | *-25.19* | |
| | | *For 14 Gauge Frame, Add* | *62.98* | |
| | | *For 12 Gauge Frame, Add* | *95.72* | |
| 08 12 13 13-0046 | EA | 5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 466.62 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *37.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *30.23* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *464.16* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *539.73* | |
| | | *For Baked Enamel Finish, Add* | *107.78* | |
| | | *For 18 Gauge Frame, Deduct* | *-25.19* | |
| | | *For 14 Gauge Frame, Add* | *62.98* | |
| | | *For 12 Gauge Frame, Add* | *95.72* | |
| 08 12 13 13-0047 | EA | 5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 475.11 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *38.41* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *30.73* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *471.91* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *548.74* | |
| | | *For Baked Enamel Finish, Add* | *109.68* | |
| | | *For 18 Gauge Frame, Deduct* | *-25.61* | |
| | | *For 14 Gauge Frame, Add* | *64.02* | |
| | | *For 12 Gauge Frame, Add* | *97.31* | |
| 08 12 13 13-0048 | EA | 6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 483.60 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *39.04* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *31.23* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *479.69* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *557.77* | |
| | | *For Baked Enamel Finish, Add* | *111.58* | |
| | | *For 18 Gauge Frame, Deduct* | *-26.03* | |
| | | *For 14 Gauge Frame, Add* | *65.07* | |
| | | *For 12 Gauge Frame, Add* | *98.91* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0049 | EA | 7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 504.70 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *41.56* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *33.25* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *510.14* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *593.27* | |
| | | *For Baked Enamel Finish, Add* | *117.27* | |
| | | *For 18 Gauge Frame, Deduct* | *-27.71* | |
| | | *For 14 Gauge Frame, Add* | *69.27* | |
| | | *For 12 Gauge Frame, Add* | *105.29* | |
| 08 12 13 13-0050 | EA | 8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 525.79 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *44.08* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *35.27* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *540.58* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *628.74* | |
| | | *For Baked Enamel Finish, Add* | *122.95* | |
| | | *For 18 Gauge Frame, Deduct* | *-29.39* | |
| | | *For 14 Gauge Frame, Add* | *73.47* | |
| | | *For 12 Gauge Frame, Add* | *111.67* | |

### 08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0052 | EA | 2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 324.75 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *29.39* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *23.51* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *359.10* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *417.87* | |
| | | *For Baked Enamel Finish, Add* | *78.10* | |
| | | *For 18 Gauge Frame, Deduct* | *-19.59* | |
| | | *For 14 Gauge Frame, Add* | *48.98* | |
| | | *For 12 Gauge Frame, Add* | *74.45* | |
| 08 12 13 13-0053 | EA | 2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 374.96 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *34.99* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *27.99* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *426.92* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *496.89* | |
| | | *For Baked Enamel Finish, Add* | *91.23* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.32* | |
| | | *For 14 Gauge Frame, Add* | *58.31* | |
| | | *For 12 Gauge Frame, Add* | *88.63* | |
| 08 12 13 13-0054 | EA | 2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 387.28 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *35.55* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *28.44* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *434.06* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *505.15* | |
| | | *For Baked Enamel Finish, Add* | *93.64* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.70* | |
| | | *For 14 Gauge Frame, Add* | *59.24* | |
| | | *For 12 Gauge Frame, Add* | *90.05* | |
| 08 12 13 13-0055 | EA | 2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 400.16 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *35.55* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *28.44* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *434.71* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *505.80* | |
| | | *For Baked Enamel Finish, Add* | *95.57* | |
| | | *For 18 Gauge Frame, Deduct* | *-23.70* | |
| | | *For 14 Gauge Frame, Add* | *59.24* | |
| | | *For 12 Gauge Frame, Add* | *90.05* | |
| 08 12 13 13-0056 | EA | 2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 408.19 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *36.11* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *28.88* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *441.63* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *513.84* | |
| | | *For Baked Enamel Finish, Add* | *97.33* | |
| | | *For 18 Gauge Frame, Deduct* | *-24.07* | |
| | | *For 14 Gauge Frame, Add* | *60.18* | |
| | | *For 12 Gauge Frame, Add* | *91.47* | |
| 08 12 13 13-0057 | EA | 3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 416.21 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *36.66* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *29.33* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *448.56* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *521.89* | |
| | | *For Baked Enamel Finish, Add* | *99.10* | |
| | | *For 18 Gauge Frame, Deduct* | *-24.44* | |
| | | *For 14 Gauge Frame, Add* | *61.11* | |
| | | *For 12 Gauge Frame, Add* | *92.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0058 | EA | 3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 441.59 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *39.18* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *31.35* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *479.23* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *557.60* | |
| | | *For Baked Enamel Finish, Add* | *105.42* | |
| | | *For 18 Gauge Frame, Deduct* | *-26.12* | |
| | | *For 14 Gauge Frame, Add* | *65.31* | |
| | | *For 12 Gauge Frame, Add* | *99.27* | |
| 08 12 13 13-0059 | EA | 3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 450.19 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *39.18* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *31.35* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *479.66* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *558.03* | |
| | | *For Baked Enamel Finish, Add* | *106.71* | |
| | | *For 18 Gauge Frame, Deduct* | *-26.12* | |
| | | *For 14 Gauge Frame, Add* | *65.31* | |
| | | *For 12 Gauge Frame, Add* | *99.27* | |
| 08 12 13 13-0060 | EA | 4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 468.11 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *40.58* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *32.47* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *496.89* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *578.05* | |
| | | *For Baked Enamel Finish, Add* | *110.80* | |
| | | *For 18 Gauge Frame, Deduct* | *-27.06* | |
| | | *For 14 Gauge Frame, Add* | *67.64* | |
| | | *For 12 Gauge Frame, Add* | *102.81* | |
| 08 12 13 13-0061 | EA | 5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 486.02 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *41.98* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *33.59* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *514.09* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *598.06* | |
| | | *For Baked Enamel Finish, Add* | *114.89* | |
| | | *For 18 Gauge Frame, Deduct* | *-27.99* | |
| | | *For 14 Gauge Frame, Add* | *69.97* | |
| | | *For 12 Gauge Frame, Add* | *106.35* | |
| 08 12 13 13-0062 | EA | 5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 494.60 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *41.98* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *33.59* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *514.52* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *598.48* | |
| | | *For Baked Enamel Finish, Add* | *116.17* | |
| | | *For 18 Gauge Frame, Deduct* | *-27.99* | |
| | | *For 14 Gauge Frame, Add* | *69.97* | |
| | | *For 12 Gauge Frame, Add* | *106.35* | |
| 08 12 13 13-0063 | EA | 5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 503.57 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *42.68* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *34.15* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *523.14* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *608.51* | |
| | | *For Baked Enamel Finish, Add* | *118.22* | |
| | | *For 18 Gauge Frame, Deduct* | *-28.46* | |
| | | *For 14 Gauge Frame, Add* | *71.14* | |
| | | *For 12 Gauge Frame, Add* | *108.13* | |
| 08 12 13 13-0064 | EA | 6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 512.52 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *43.38* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *34.71* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *531.74* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *618.51* | |
| | | *For Baked Enamel Finish, Add* | *120.26* | |
| | | *For 18 Gauge Frame, Deduct* | *-28.92* | |
| | | *For 14 Gauge Frame, Add* | *72.30* | |
| | | *For 12 Gauge Frame, Add* | *109.90* | |
| 08 12 13 13-0065 | EA | 7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 535.48 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *46.18* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *36.94* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *565.55* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *657.91* | |
| | | *For Baked Enamel Finish, Add* | *126.50* | |
| | | *For 18 Gauge Frame, Deduct* | *-30.79* | |
| | | *For 14 Gauge Frame, Add* | *76.97* | |
| | | *For 12 Gauge Frame, Add* | *116.99* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0066 | EA | 8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 558.44 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *48.98* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *39.18* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *599.35* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *697.31* | |
| | | *For Baked Enamel Finish, Add* | *132.75* | |
| | | *For 18 Gauge Frame, Deduct* | *-32.65* | |
| | | *For 14 Gauge Frame, Add* | *81.63* | |
| | | *For 12 Gauge Frame, Add* | *124.08* | |

## 08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

## 08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0069 | EA | 2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 407.98 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *41.87* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *33.50* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *508.91* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *592.66* | |
| | | *For Baked Enamel Finish, Add* | *103.07* | |
| | | *For 18 Gauge Frame, Deduct* | *-27.92* | |
| | | *For 14 Gauge Frame, Add* | *69.79* | |
| | | *For 12 Gauge Frame, Add* | *106.08* | |
| 08 12 13 13-0070 | EA | 2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 474.04 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *49.85* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *39.88* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *605.26* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *704.96* | |
| | | *For Baked Enamel Finish, Add* | *120.95* | |
| | | *For 18 Gauge Frame, Deduct* | *-33.23* | |
| | | *For 14 Gauge Frame, Add* | *83.08* | |
| | | *For 12 Gauge Frame, Add* | *126.28* | |
| 08 12 13 13-0071 | EA | 2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 487.94 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *50.64* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *40.52* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *615.25* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *716.54* | |
| | | *For Baked Enamel Finish, Add* | *123.84* | |
| | | *For 18 Gauge Frame, Deduct* | *-33.76* | |
| | | *For 14 Gauge Frame, Add* | *84.41* | |
| | | *For 12 Gauge Frame, Add* | *128.30* | |
| 08 12 13 13-0072 | EA | 2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 500.82 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *50.64* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *40.52* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *615.89* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *717.18* | |
| | | *For Baked Enamel Finish, Add* | *125.77* | |
| | | *For 18 Gauge Frame, Deduct* | *-33.76* | |
| | | *For 14 Gauge Frame, Add* | *84.41* | |
| | | *For 12 Gauge Frame, Add* | *128.30* | |
| 08 12 13 13-0073 | EA | 2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 510.44 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *51.44* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *41.15* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *625.68* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *728.57* | |
| | | *For Baked Enamel Finish, Add* | *128.01* | |
| | | *For 18 Gauge Frame, Deduct* | *-34.30* | |
| | | *For 14 Gauge Frame, Add* | *85.74* | |
| | | *For 12 Gauge Frame, Add* | *130.32* | |
| 08 12 13 13-0074 | EA | 3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 520.05 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *52.24* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *41.79* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *635.48* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *739.96* | |
| | | *For Baked Enamel Finish, Add* | *130.25* | |
| | | *For 18 Gauge Frame, Deduct* | *-34.83* | |
| | | *For 14 Gauge Frame, Add* | *87.07* | |
| | | *For 12 Gauge Frame, Add* | *132.34* | |
| 08 12 13 13-0075 | EA | 3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 552.55 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *55.83* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *44.66* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *678.96* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *790.62* | |
| | | *For Baked Enamel Finish, Add* | *138.71* | |
| | | *For 18 Gauge Frame, Deduct* | *-37.22* | |
| | | *For 14 Gauge Frame, Add* | *93.05* | |
| | | *For 12 Gauge Frame, Add* | *141.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0076 | EA | 3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 561.15 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *55.83* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *44.66* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *679.39* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *791.05* | |
| | | *For Baked Enamel Finish, Add* | *140.00* | |
| | | *For 18 Gauge Frame, Deduct* | *-37.22* | |
| | | *For 14 Gauge Frame, Add* | *93.05* | |
| | | *For 12 Gauge Frame, Add* | *141.43* | |
| 08 12 13 13-0077 | EA | 4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 583.04 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *57.82* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *46.26* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *703.76* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *819.41* | |
| | | *For Baked Enamel Finish, Add* | *145.28* | |
| | | *For 18 Gauge Frame, Deduct* | *-38.55* | |
| | | *For 14 Gauge Frame, Add* | *96.37* | |
| | | *For 12 Gauge Frame, Add* | *146.49* | |
| 08 12 13 13-0078 | EA | 5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 604.92 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *59.82* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *47.85* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *728.11* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *847.75* | |
| | | *For Baked Enamel Finish, Add* | *150.56* | |
| | | *For 18 Gauge Frame, Deduct* | *-39.88* | |
| | | *For 14 Gauge Frame, Add* | *99.70* | |
| | | *For 12 Gauge Frame, Add* | *151.54* | |
| 08 12 13 13-0079 | EA | 5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 613.50 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *59.82* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *47.85* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *728.54* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *848.17* | |
| | | *For Baked Enamel Finish, Add* | *151.84* | |
| | | *For 18 Gauge Frame, Deduct* | *-39.88* | |
| | | *For 14 Gauge Frame, Add* | *99.70* | |
| | | *For 12 Gauge Frame, Add* | *151.54* | |
| 08 12 13 13-0080 | EA | 5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 624.45 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *60.81* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *48.65* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *740.73* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *862.35* | |
| | | *For Baked Enamel Finish, Add* | *154.48* | |
| | | *For 18 Gauge Frame, Deduct* | *-40.54* | |
| | | *For 14 Gauge Frame, Add* | *101.36* | |
| | | *For 12 Gauge Frame, Add* | *154.06* | |
| 08 12 13 13-0081 | EA | 6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 635.38 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *61.81* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *49.45* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *752.89* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *876.51* | |
| | | *For Baked Enamel Finish, Add* | *157.12* | |
| | | *For 18 Gauge Frame, Deduct* | *-41.21* | |
| | | *For 14 Gauge Frame, Add* | *103.02* | |
| | | *For 12 Gauge Frame, Add* | *156.59* | |
| 08 12 13 13-0082 | EA | 7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 666.26 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *65.80* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *52.64* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *800.95* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *932.55* | |
| | | *For Baked Enamel Finish, Add* | *165.74* | |
| | | *For 18 Gauge Frame, Deduct* | *-43.87* | |
| | | *For 14 Gauge Frame, Add* | *109.66* | |
| | | *For 12 Gauge Frame, Add* | *166.69* | |
| 08 12 13 13-0083 | EA | 8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 697.15 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *69.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *55.83* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *849.03* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *988.60* | |
| | | *For Baked Enamel Finish, Add* | *174.36* | |
| | | *For 18 Gauge Frame, Deduct* | *-46.52* | |
| | | *For 14 Gauge Frame, Add* | *116.31* | |
| | | *For 12 Gauge Frame, Add* | *176.79* | |

08 12 13 13-0084 >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0085 | EA | 2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 438.99 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *46.52* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *37.22* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *564.73* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *657.78* | |
| | | *For Baked Enamel Finish, Add* | *112.37* | |
| | | *For 18 Gauge Frame, Deduct* | *-31.02* | |
| | | *For 14 Gauge Frame, Add* | *77.54* | |
| | | *For 12 Gauge Frame, Add* | *117.86* | |
| 08 12 13 13-0086 | EA | 2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 510.96 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *55.39* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *44.31* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *671.72* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *782.49* | |
| | | *For Baked Enamel Finish, Add* | *132.03* | |
| | | *For 18 Gauge Frame, Deduct* | *-36.92* | |
| | | *For 14 Gauge Frame, Add* | *92.31* | |
| | | *For 12 Gauge Frame, Add* | *140.31* | |
| 08 12 13 13-0087 | EA | 2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 525.46 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *56.27* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *45.02* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *682.79* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *795.33* | |
| | | *For Baked Enamel Finish, Add* | *135.09* | |
| | | *For 18 Gauge Frame, Deduct* | *-37.52* | |
| | | *For 14 Gauge Frame, Add* | *93.79* | |
| | | *For 12 Gauge Frame, Add* | *142.56* | |
| 08 12 13 13-0088 | EA | 2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 538.34 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *56.27* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *45.02* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *683.43* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *795.97* | |
| | | *For Baked Enamel Finish, Add* | *137.02* | |
| | | *For 18 Gauge Frame, Deduct* | *-37.52* | |
| | | *For 14 Gauge Frame, Add* | *93.79* | |
| | | *For 12 Gauge Frame, Add* | *142.56* | |
| 08 12 13 13-0089 | EA | 2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 548.55 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *57.16* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *45.73* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *694.28* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *808.60* | |
| | | *For Baked Enamel Finish, Add* | *139.44* | |
| | | *For 18 Gauge Frame, Deduct* | *-38.11* | |
| | | *For 14 Gauge Frame, Add* | *95.27* | |
| | | *For 12 Gauge Frame, Add* | *144.80* | |
| 08 12 13 13-0090 | EA | 3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 558.74 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *58.04* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *46.44* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *705.12* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *821.21* | |
| | | *For Baked Enamel Finish, Add* | *141.86* | |
| | | *For 18 Gauge Frame, Deduct* | *-38.70* | |
| | | *For 14 Gauge Frame, Add* | *96.74* | |
| | | *For 12 Gauge Frame, Add* | *147.04* | |
| 08 12 13 13-0091 | EA | 3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 593.91 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *62.03* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *49.63* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *753.41* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *877.47* | |
| | | *For Baked Enamel Finish, Add* | *151.12* | |
| | | *For 18 Gauge Frame, Deduct* | *-41.36* | |
| | | *For 14 Gauge Frame, Add* | *103.39* | |
| | | *For 12 Gauge Frame, Add* | *157.15* | |
| 08 12 13 13-0092 | EA | 3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 602.51 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *62.03* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *49.63* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *753.84* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *877.90* | |
| | | *For Baked Enamel Finish, Add* | *152.41* | |
| | | *For 18 Gauge Frame, Deduct* | *-41.36* | |
| | | *For 14 Gauge Frame, Add* | *103.39* | |
| | | *For 12 Gauge Frame, Add* | *157.15* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0093 | EA | 4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 625.87 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *64.25* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *51.40* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *780.85* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *909.35* | |
| | | *For Baked Enamel Finish, Add* | *158.13* | |
| | | *For 18 Gauge Frame, Deduct* | *-42.83* | |
| | | *For 14 Gauge Frame, Add* | *107.08* | |
| | | *For 12 Gauge Frame, Add* | *162.76* | |
| 08 12 13 13-0094 | EA | 5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 649.23 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *66.46* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *53.17* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *807.87* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *940.80* | |
| | | *For Baked Enamel Finish, Add* | *163.85* | |
| | | *For 18 Gauge Frame, Deduct* | *-44.31* | |
| | | *For 14 Gauge Frame, Add* | *110.77* | |
| | | *For 12 Gauge Frame, Add* | *168.37* | |
| 08 12 13 13-0095 | EA | 5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 657.81 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *66.46* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *53.17* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *808.30* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *941.23* | |
| | | *For Baked Enamel Finish, Add* | *165.14* | |
| | | *For 18 Gauge Frame, Deduct* | *-44.31* | |
| | | *For 14 Gauge Frame, Add* | *110.77* | |
| | | *For 12 Gauge Frame, Add* | *168.37* | |
| 08 12 13 13-0096 | EA | 5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 669.49 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *67.57* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *54.06* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *821.80* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *956.94* | |
| | | *For Baked Enamel Finish, Add* | *167.99* | |
| | | *For 18 Gauge Frame, Deduct* | *-45.05* | |
| | | *For 14 Gauge Frame, Add* | *112.62* | |
| | | *For 12 Gauge Frame, Add* | *171.18* | |
| 08 12 13 13-0097 | EA | 6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 681.17 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *68.68* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *54.94* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *835.31* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *972.67* | |
| | | *For Baked Enamel Finish, Add* | *170.85* | |
| | | *For 18 Gauge Frame, Deduct* | *-45.79* | |
| | | *For 14 Gauge Frame, Add* | *114.47* | |
| | | *For 12 Gauge Frame, Add* | *173.99* | |
| 08 12 13 13-0098 | EA | 7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 715.00 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *73.11* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *58.49* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *888.68* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,034.90* | |
| | | *For Baked Enamel Finish, Add* | *180.36* | |
| | | *For 18 Gauge Frame, Deduct* | *-48.74* | |
| | | *For 14 Gauge Frame, Add* | *121.85* | |
| | | *For 12 Gauge Frame, Add* | *185.21* | |
| 08 12 13 13-0099 | EA | 8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 748.85 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *77.54* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *62.03* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *942.09* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,097.17* | |
| | | *For Baked Enamel Finish, Add* | *189.87* | |
| | | *For 18 Gauge Frame, Deduct* | *-51.69* | |
| | | *For 14 Gauge Frame, Add* | *129.24* | |
| | | *For 12 Gauge Frame, Add* | *196.44* | |

### 08 12 13 13-0100 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

### 08 12 13 13-0101 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0102 | EA | 2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 428.91 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *45.01* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *36.01* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *546.59* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *636.61* | |
| | | *For Baked Enamel Finish, Add* | *109.35* | |
| | | *For 18 Gauge Frame, Deduct* | *-30.01* | |
| | | *For 14 Gauge Frame, Add* | *75.02* | |
| | | *For 12 Gauge Frame, Add* | *114.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0103 | EA | 2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 498.96 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *53.59* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *42.87* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *650.12* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *757.29* | |
| | | *For Baked Enamel Finish, Add* | *128.43* | |
| | | *For 18 Gauge Frame, Deduct* | *-35.72* | |
| | | *For 14 Gauge Frame, Add* | *89.31* | |
| | | *For 12 Gauge Frame, Add* | *135.75* | |
| 08 12 13 13-0104 | EA | 2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 513.27 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *54.44* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *43.56* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *660.84* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *769.73* | |
| | | *For Baked Enamel Finish, Add* | *131.43* | |
| | | *For 18 Gauge Frame, Deduct* | *-36.30* | |
| | | *For 14 Gauge Frame, Add* | *90.74* | |
| | | *For 12 Gauge Frame, Add* | *137.92* | |
| 08 12 13 13-0105 | EA | 2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 526.15 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *54.44* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *43.56* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *661.49* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *770.38* | |
| | | *For Baked Enamel Finish, Add* | *133.37* | |
| | | *For 18 Gauge Frame, Deduct* | *-36.30* | |
| | | *For 14 Gauge Frame, Add* | *90.74* | |
| | | *For 12 Gauge Frame, Add* | *137.92* | |
| 08 12 13 13-0106 | EA | 2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 536.16 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *55.30* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *44.24* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *671.98* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *782.58* | |
| | | *For Baked Enamel Finish, Add* | *135.72* | |
| | | *For 18 Gauge Frame, Deduct* | *-36.87* | |
| | | *For 14 Gauge Frame, Add* | *92.17* | |
| | | *For 12 Gauge Frame, Add* | *140.09* | |
| 08 12 13 13-0107 | EA | 3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 546.17 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *56.16* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *44.93* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *682.49* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *794.81* | |
| | | *For Baked Enamel Finish, Add* | *138.08* | |
| | | *For 18 Gauge Frame, Deduct* | *-37.44* | |
| | | *For 14 Gauge Frame, Add* | *93.60* | |
| | | *For 12 Gauge Frame, Add* | *142.27* | |
| 08 12 13 13-0108 | EA | 3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 580.47 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *60.02* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *48.01* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *729.22* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *849.25* | |
| | | *For Baked Enamel Finish, Add* | *147.09* | |
| | | *For 18 Gauge Frame, Deduct* | *-40.01* | |
| | | *For 14 Gauge Frame, Add* | *100.03* | |
| | | *For 12 Gauge Frame, Add* | *152.04* | |
| 08 12 13 13-0109 | EA | 3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 589.07 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *60.02* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *48.01* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *729.65* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *849.68* | |
| | | *For Baked Enamel Finish, Add* | *148.38* | |
| | | *For 18 Gauge Frame, Deduct* | *-40.01* | |
| | | *For 14 Gauge Frame, Add* | *100.03* | |
| | | *For 12 Gauge Frame, Add* | *152.04* | |
| 08 12 13 13-0110 | EA | 4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 611.95 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *62.16* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *49.73* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *755.80* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *880.12* | |
| | | *For Baked Enamel Finish, Add* | *153.95* | |
| | | *For 18 Gauge Frame, Deduct* | *-41.44* | |
| | | *For 14 Gauge Frame, Add* | *103.60* | |
| | | *For 12 Gauge Frame, Add* | *157.47* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0111 | EA | 5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 634.83 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *64.30* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *51.44* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *781.95* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *910.56* | |
| | | *For Baked Enamel Finish, Add* | *159.53* | |
| | | *For 18 Gauge Frame, Deduct* | *-42.87* | |
| | | *For 14 Gauge Frame, Add* | *107.17* | |
| | | *For 12 Gauge Frame, Add* | *162.90* | |
| 08 12 13 13-0112 | EA | 5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 643.41 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *64.30* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *51.44* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *782.38* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *910.99* | |
| | | *For Baked Enamel Finish, Add* | *160.82* | |
| | | *For 18 Gauge Frame, Deduct* | *-42.87* | |
| | | *For 14 Gauge Frame, Add* | *107.17* | |
| | | *For 12 Gauge Frame, Add* | *162.90* | |
| 08 12 13 13-0113 | EA | 5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 654.85 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *65.37* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *52.30* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *795.45* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *926.19* | |
| | | *For Baked Enamel Finish, Add* | *163.60* | |
| | | *For 18 Gauge Frame, Deduct* | *-43.58* | |
| | | *For 14 Gauge Frame, Add* | *108.96* | |
| | | *For 12 Gauge Frame, Add* | *165.62* | |
| 08 12 13 13-0114 | EA | 6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 666.29 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *66.45* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *53.16* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *808.53* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *941.42* | |
| | | *For Baked Enamel Finish, Add* | *166.39* | |
| | | *For 18 Gauge Frame, Deduct* | *-44.30* | |
| | | *For 14 Gauge Frame, Add* | *110.75* | |
| | | *For 12 Gauge Frame, Add* | *168.33* | |
| 08 12 13 13-0115 | EA | 7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 699.16 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *70.73* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *56.59* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *860.17* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,001.64* | |
| | | *For Baked Enamel Finish, Add* | *175.61* | |
| | | *For 18 Gauge Frame, Deduct* | *-47.16* | |
| | | *For 14 Gauge Frame, Add* | *117.89* | |
| | | *For 12 Gauge Frame, Add* | *179.19* | |
| 08 12 13 13-0116 | EA | 8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 732.05 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *75.02* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *60.02* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *911.85* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,061.89* | |
| | | *For Baked Enamel Finish, Add* | *184.83* | |
| | | *For 18 Gauge Frame, Deduct* | *-50.01* | |
| | | *For 14 Gauge Frame, Add* | *125.04* | |
| | | *For 12 Gauge Frame, Add* | *190.05* | |

### 08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0118 | EA | 2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 462.25 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *50.01* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *40.01* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *606.60* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *706.62* | |
| | | *For Baked Enamel Finish, Add* | *119.35* | |
| | | *For 18 Gauge Frame, Deduct* | *-33.34* | |
| | | *For 14 Gauge Frame, Add* | *83.36* | |
| | | *For 12 Gauge Frame, Add* | *126.70* | |
| 08 12 13 13-0119 | EA | 2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 538.65 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *59.54* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *47.63* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *721.56* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *840.64* | |
| | | *For Baked Enamel Finish, Add* | *140.34* | |
| | | *For 18 Gauge Frame, Deduct* | *-39.69* | |
| | | *For 14 Gauge Frame, Add* | *99.23* | |
| | | *For 12 Gauge Frame, Add* | *150.83* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0120 | EA | 2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 553.59 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *60.49* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *48.39* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *733.42* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *854.40* | |
| | | *For Baked Enamel Finish, Add* | *143.53* | |
| | | *For 18 Gauge Frame, Deduct* | *-40.33* | |
| | | *For 14 Gauge Frame, Add* | *100.82* | |
| | | *For 12 Gauge Frame, Add* | *153.25* | |
| 08 12 13 13-0121 | EA | 2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 566.47 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *60.49* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *48.39* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *734.06* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *855.05* | |
| | | *For Baked Enamel Finish, Add* | *145.46* | |
| | | *For 18 Gauge Frame, Deduct* | *-40.33* | |
| | | *For 14 Gauge Frame, Add* | *100.82* | |
| | | *For 12 Gauge Frame, Add* | *153.25* | |
| 08 12 13 13-0122 | EA | 2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 577.13 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *61.45* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *49.16* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *745.73* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *868.62* | |
| | | *For Baked Enamel Finish, Add* | *148.02* | |
| | | *For 18 Gauge Frame, Deduct* | *-40.96* | |
| | | *For 14 Gauge Frame, Add* | *102.41* | |
| | | *For 12 Gauge Frame, Add* | *155.66* | |
| 08 12 13 13-0123 | EA | 3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 587.77 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *62.40* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *49.92* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *757.37* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *882.17* | |
| | | *For Baked Enamel Finish, Add* | *150.56* | |
| | | *For 18 Gauge Frame, Deduct* | *-41.60* | |
| | | *For 14 Gauge Frame, Add* | *104.00* | |
| | | *For 12 Gauge Frame, Add* | *158.08* | |
| 08 12 13 13-0124 | EA | 3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 624.93 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *66.69* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *53.35* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *809.24* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *942.62* | |
| | | *For Baked Enamel Finish, Add* | *160.43* | |
| | | *For 18 Gauge Frame, Deduct* | *-44.46* | |
| | | *For 14 Gauge Frame, Add* | *111.14* | |
| | | *For 12 Gauge Frame, Add* | *168.94* | |
| 08 12 13 13-0125 | EA | 3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 633.53 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *66.69* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *53.35* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *809.67* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *943.05* | |
| | | *For Baked Enamel Finish, Add* | *161.72* | |
| | | *For 18 Gauge Frame, Deduct* | *-44.46* | |
| | | *For 14 Gauge Frame, Add* | *111.14* | |
| | | *For 12 Gauge Frame, Add* | *168.94* | |
| 08 12 13 13-0126 | EA | 4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 657.99 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *69.07* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *55.25* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *838.67* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *976.80* | |
| | | *For Baked Enamel Finish, Add* | *167.76* | |
| | | *For 18 Gauge Frame, Deduct* | *-46.04* | |
| | | *For 14 Gauge Frame, Add* | *115.11* | |
| | | *For 12 Gauge Frame, Add* | *174.97* | |
| 08 12 13 13-0127 | EA | 5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 682.46 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *71.45* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *57.16* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *867.68* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,010.58* | |
| | | *For Baked Enamel Finish, Add* | *173.82* | |
| | | *For 18 Gauge Frame, Deduct* | *-47.63* | |
| | | *For 14 Gauge Frame, Add* | *119.08* | |
| | | *For 12 Gauge Frame, Add* | *181.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0128 | EA | 5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 691.04 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *71.45* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *57.16* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *868.11* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,011.01* | |
| | | *For Baked Enamel Finish, Add* | *175.10* | |
| | | *For 18 Gauge Frame, Deduct* | *-47.63* | |
| | | *For 14 Gauge Frame, Add* | *119.08* | |
| | | *For 12 Gauge Frame, Add* | *181.00* | |
| 08 12 13 13-0129 | EA | 5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 703.28 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *72.64* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *58.11* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *882.62* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,027.90* | |
| | | *For Baked Enamel Finish, Add* | *178.13* | |
| | | *For 18 Gauge Frame, Deduct* | *-48.43* | |
| | | *For 14 Gauge Frame, Add* | *121.07* | |
| | | *For 12 Gauge Frame, Add* | *184.02* | |
| 08 12 13 13-0130 | EA | 6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 715.51 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *73.83* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *59.06* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *897.13* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,044.79* | |
| | | *For Baked Enamel Finish, Add* | *181.16* | |
| | | *For 18 Gauge Frame, Deduct* | *-49.22* | |
| | | *For 14 Gauge Frame, Add* | *123.05* | |
| | | *For 12 Gauge Frame, Add* | *187.04* | |
| 08 12 13 13-0131 | EA | 7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 751.56 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *78.59* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *62.87* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *954.49* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,111.68* | |
| | | *For Baked Enamel Finish, Add* | *191.33* | |
| | | *For 18 Gauge Frame, Deduct* | *-52.40* | |
| | | *For 14 Gauge Frame, Add* | *130.99* | |
| | | *For 12 Gauge Frame, Add* | *199.10* | |
| 08 12 13 13-0132 | EA | 8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 787.62 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *83.36* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *66.69* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *1,011.87* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,178.59* | |
| | | *For Baked Enamel Finish, Add* | *201.50* | |
| | | *For 18 Gauge Frame, Deduct* | *-55.57* | |
| | | *For 14 Gauge Frame, Add* | *138.93* | |
| | | *For 12 Gauge Frame, Add* | *211.17* | |

### 08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

### 08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0135 | EA | 2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 442.87 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *47.11* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *37.68* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *571.71* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *665.93* | |
| | | *For Baked Enamel Finish, Add* | *113.54* | |
| | | *For 18 Gauge Frame, Deduct* | *-31.40* | |
| | | *For 14 Gauge Frame, Add* | *78.51* | |
| | | *For 12 Gauge Frame, Add* | *119.34* | |
| 08 12 13 13-0136 | EA | 2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 515.58 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *56.08* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *44.86* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *680.03* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *792.19* | |
| | | *For Baked Enamel Finish, Add* | *133.42* | |
| | | *For 18 Gauge Frame, Deduct* | *-37.39* | |
| | | *For 14 Gauge Frame, Add* | *93.47* | |
| | | *For 12 Gauge Frame, Add* | *142.07* | |
| 08 12 13 13-0137 | EA | 2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 530.15 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *56.98* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *45.58* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *691.23* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *805.18* | |
| | | *For Baked Enamel Finish, Add* | *136.50* | |
| | | *For 18 Gauge Frame, Deduct* | *-37.98* | |
| | | *For 14 Gauge Frame, Add* | *94.96* | |
| | | *For 12 Gauge Frame, Add* | *144.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0138 | EA | 2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 543.03 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *56.98* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *45.58* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *691.87* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *805.82* | |
| | | *For Baked Enamel Finish, Add* | *138.43* | |
| | | *For 18 Gauge Frame, Deduct* | *-37.98* | |
| | | *For 14 Gauge Frame, Add* | *94.96* | |
| | | *For 12 Gauge Frame, Add* | *144.34* | |
| 08 12 13 13-0139 | EA | 2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 553.31 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *57.87* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *46.30* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *702.85* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *818.60* | |
| | | *For Baked Enamel Finish, Add* | *140.87* | |
| | | *For 18 Gauge Frame, Deduct* | *-38.58* | |
| | | *For 14 Gauge Frame, Add* | *96.46* | |
| | | *For 12 Gauge Frame, Add* | *146.61* | |
| 08 12 13 13-0140 | EA | 3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 563.58 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *58.77* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *47.02* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *713.83* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *831.37* | |
| | | *For Baked Enamel Finish, Add* | *143.31* | |
| | | *For 18 Gauge Frame, Deduct* | *-39.18* | |
| | | *For 14 Gauge Frame, Add* | *97.95* | |
| | | *For 12 Gauge Frame, Add* | *148.88* | |
| 08 12 13 13-0141 | EA | 3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 599.08 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *62.81* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *50.25* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *762.71* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *888.33* | |
| | | *For Baked Enamel Finish, Add* | *152.67* | |
| | | *For 18 Gauge Frame, Deduct* | *-41.87* | |
| | | *For 14 Gauge Frame, Add* | *104.68* | |
| | | *For 12 Gauge Frame, Add* | *159.11* | |
| 08 12 13 13-0142 | EA | 3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 607.68 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *62.81* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *50.25* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *763.14* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *888.76* | |
| | | *For Baked Enamel Finish, Add* | *153.96* | |
| | | *For 18 Gauge Frame, Deduct* | *-41.87* | |
| | | *For 14 Gauge Frame, Add* | *104.68* | |
| | | *For 12 Gauge Frame, Add* | *159.11* | |
| 08 12 13 13-0143 | EA | 4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 631.22 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *65.05* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *52.04* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *790.48* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *920.58* | |
| | | *For Baked Enamel Finish, Add* | *159.73* | |
| | | *For 18 Gauge Frame, Deduct* | *-43.37* | |
| | | *For 14 Gauge Frame, Add* | *108.42* | |
| | | *For 12 Gauge Frame, Add* | *164.79* | |
| 08 12 13 13-0144 | EA | 5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 654.77 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *67.29* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *53.84* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *817.84* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *952.43* | |
| | | *For Baked Enamel Finish, Add* | *165.51* | |
| | | *For 18 Gauge Frame, Deduct* | *-44.86* | |
| | | *For 14 Gauge Frame, Add* | *112.16* | |
| | | *For 12 Gauge Frame, Add* | *170.48* | |
| 08 12 13 13-0145 | EA | 5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 663.35 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *67.29* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *53.84* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *818.27* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *952.86* | |
| | | *For Baked Enamel Finish, Add* | *166.80* | |
| | | *For 18 Gauge Frame, Deduct* | *-44.86* | |
| | | *For 14 Gauge Frame, Add* | *112.16* | |
| | | *For 12 Gauge Frame, Add* | *170.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0146 | EA | 5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 675.12 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *68.42* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *54.73* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *831.93* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *968.76* | |
| | | *For Baked Enamel Finish, Add* | *169.68* | |
| | | *For 18 Gauge Frame, Deduct* | *-45.61* | |
| | | *For 14 Gauge Frame, Add* | *114.03* | |
| | | *For 12 Gauge Frame, Add* | *173.32* | |
| 08 12 13 13-0147 | EA | 6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 686.89 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *69.54* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *55.63* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *845.61* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *984.68* | |
| | | *For Baked Enamel Finish, Add* | *172.57* | |
| | | *For 18 Gauge Frame, Deduct* | *-46.36* | |
| | | *For 14 Gauge Frame, Add* | *115.90* | |
| | | *For 12 Gauge Frame, Add* | *176.16* | |
| 08 12 13 13-0148 | EA | 7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 721.10 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *74.02* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *59.22* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *899.66* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,047.71* | |
| | | *For Baked Enamel Finish, Add* | *182.19* | |
| | | *For 18 Gauge Frame, Deduct* | *-49.35* | |
| | | *For 14 Gauge Frame, Add* | *123.37* | |
| | | *For 12 Gauge Frame, Add* | *187.53* | |
| 08 12 13 13-0149 | EA | 8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 755.31 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *78.51* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *62.81* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *953.72* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,110.74* | |
| | | *For Baked Enamel Finish, Add* | *191.81* | |
| | | *For 18 Gauge Frame, Deduct* | *-52.34* | |
| | | *For 14 Gauge Frame, Add* | *130.85* | |
| | | *For 12 Gauge Frame, Add* | *198.89* | |

### 08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0151 | EA | 2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 477.76 | 64.42 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *52.34* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *41.87* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *634.52* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *739.19* | |
| | | *For Baked Enamel Finish, Add* | *124.00* | |
| | | *For 18 Gauge Frame, Deduct* | *-34.89* | |
| | | *For 14 Gauge Frame, Add* | *87.23* | |
| | | *For 12 Gauge Frame, Add* | *132.59* | |
| 08 12 13 13-0152 | EA | 2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 557.12 | 70.85 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *62.31* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *49.85* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *754.81* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *879.43* | |
| | | *For Baked Enamel Finish, Add* | *145.88* | |
| | | *For 18 Gauge Frame, Deduct* | *-41.54* | |
| | | *For 14 Gauge Frame, Add* | *103.85* | |
| | | *For 12 Gauge Frame, Add* | *157.85* | |
| 08 12 13 13-0153 | EA | 2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 572.35 | 75.15 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *63.31* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *50.64* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *767.19* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *893.80* | |
| | | *For Baked Enamel Finish, Add* | *149.16* | |
| | | *For 18 Gauge Frame, Deduct* | *-42.20* | |
| | | *For 14 Gauge Frame, Add* | *105.51* | |
| | | *For 12 Gauge Frame, Add* | *160.38* | |
| 08 12 13 13-0154 | EA | 2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 585.23 | 81.59 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *63.31* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *50.64* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *767.83* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *894.44* | |
| | | *For Baked Enamel Finish, Add* | *151.09* | |
| | | *For 18 Gauge Frame, Deduct* | *-42.20* | |
| | | *For 14 Gauge Frame, Add* | *105.51* | |
| | | *For 12 Gauge Frame, Add* | *160.38* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0155 | EA | 2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 596.18 | 83.74 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *64.30* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *51.44* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *780.02* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *908.62* | |
| | | *For Baked Enamel Finish, Add* | *153.73* | |
| | | *For 18 Gauge Frame, Deduct* | *-42.87* | |
| | | *For 14 Gauge Frame, Add* | *107.17* | |
| | | *For 12 Gauge Frame, Add* | *162.90* | |
| 08 12 13 13-0156 | EA | 3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 607.11 | 85.89 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *65.30* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *52.24* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *792.18* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *922.78* | |
| | | *For Baked Enamel Finish, Add* | *156.37* | |
| | | *For 18 Gauge Frame, Deduct* | *-43.53* | |
| | | *For 14 Gauge Frame, Add* | *108.83* | |
| | | *For 12 Gauge Frame, Add* | *165.43* | |
| 08 12 13 13-0157 | EA | 3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 645.60 | 90.19 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *69.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *55.83* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *846.45* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *986.02* | |
| | | *For Baked Enamel Finish, Add* | *166.63* | |
| | | *For 18 Gauge Frame, Deduct* | *-46.52* | |
| | | *For 14 Gauge Frame, Add* | *116.31* | |
| | | *For 12 Gauge Frame, Add* | *176.79* | |
| 08 12 13 13-0158 | EA | 3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 654.20 | 94.48 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *69.79* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *55.83* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *846.88* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *986.45* | |
| | | *For Baked Enamel Finish, Add* | *167.92* | |
| | | *For 18 Gauge Frame, Deduct* | *-46.52* | |
| | | *For 14 Gauge Frame, Add* | *116.31* | |
| | | *For 12 Gauge Frame, Add* | *176.79* | |
| 08 12 13 13-0159 | EA | 4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 679.41 | 98.77 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *72.28* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *57.82* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *877.23* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,021.78* | |
| | | *For Baked Enamel Finish, Add* | *174.19* | |
| | | *For 18 Gauge Frame, Deduct* | *-48.19* | |
| | | *For 14 Gauge Frame, Add* | *120.47* | |
| | | *For 12 Gauge Frame, Add* | *183.11* | |
| 08 12 13 13-0160 | EA | 5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 704.61 | 103.06 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *74.77* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *59.82* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *907.55* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,057.09* | |
| | | *For Baked Enamel Finish, Add* | *180.46* | |
| | | *For 18 Gauge Frame, Deduct* | *-49.85* | |
| | | *For 14 Gauge Frame, Add* | *124.62* | |
| | | *For 12 Gauge Frame, Add* | *189.42* | |
| 08 12 13 13-0161 | EA | 5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 713.19 | 107.36 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *74.77* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *59.82* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *907.98* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,057.52* | |
| | | *For Baked Enamel Finish, Add* | *181.75* | |
| | | *For 18 Gauge Frame, Deduct* | *-49.85* | |
| | | *For 14 Gauge Frame, Add* | *124.62* | |
| | | *For 12 Gauge Frame, Add* | *189.42* | |
| 08 12 13 13-0162 | EA | 5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 725.80 | 109.51 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *76.02* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *60.81* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *923.16* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,075.19* | |
| | | *For Baked Enamel Finish, Add* | *184.89* | |
| | | *For 18 Gauge Frame, Deduct* | *-50.68* | |
| | | *For 14 Gauge Frame, Add* | *126.70* | |
| | | *For 12 Gauge Frame, Add* | *192.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0163 | EA | 6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 738.40 | 111.66 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *77.26* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *61.81* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *938.33* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,092.85* | |
| | | *For Baked Enamel Finish, Add* | *188.02* | |
| | | *For 18 Gauge Frame, Deduct* | *-51.51* | |
| | | *For 14 Gauge Frame, Add* | *128.77* | |
| | | *For 12 Gauge Frame, Add* | *195.73* | |
| 08 12 13 13-0164 | EA | 7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 775.93 | 113.80 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *82.25* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *65.80* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *998.36* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,162.85* | |
| | | *For Baked Enamel Finish, Add* | *198.64* | |
| | | *For 18 Gauge Frame, Deduct* | *-54.83* | |
| | | *For 14 Gauge Frame, Add* | *137.08* | |
| | | *For 12 Gauge Frame, Add* | *208.36* | |
| 08 12 13 13-0165 | EA | 8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | 813.46 | 115.95 |
| | | *For Auxiliary Frame Reinforcement For Hinges, Add* | *87.23* | |
| | | *For Welded Frames, Add* | *92.51* | |
| | | *For Galvanized Frames, Add* | *69.79* | |
| | | *For Type 304 Stainless Steel Frame, Add* | *1,058.39* | |
| | | *For Type 316 Stainless Steel Frame, Add* | *1,232.85* | |
| | | *For Baked Enamel Finish, Add* | *209.25* | |
| | | *For 18 Gauge Frame, Deduct* | *-58.16* | |
| | | *For 14 Gauge Frame, Add* | *145.39* | |
| | | *For 12 Gauge Frame, Add* | *220.99* | |
| 08 12 13 13-0166 | | Sidelights And Transoms *(08 12 13 13)* | | |
| | | Note: For non-rated or fire rated frame assemblies | | |
| 08 12 13 13-0167 | | Fixed Steel Transoms *(08 12 13 13-0166)* | | |
| | | Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing. | | |
| 08 12 13 13-0168 | SF | 4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom | 52.29 | 12.03 |
| | | *For Movable Frame, Add* | *10.46* | |
| | | *For 18 Gauge Frame, Deduct* | *-2.82* | |
| | | *For 14 Gauge Frame, Add* | *7.06* | |
| | | *For 12 Gauge Frame, Add* | *10.73* | |
| 08 12 13 13-0169 | SF | 5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom | 54.53 | 12.45 |
| | | *For Movable Frame, Add* | *10.91* | |
| | | *For 18 Gauge Frame, Deduct* | *-2.96* | |
| | | *For 14 Gauge Frame, Add* | *7.41* | |
| | | *For 12 Gauge Frame, Add* | *11.26* | |
| 08 12 13 13-0170 | SF | 6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom | 56.89 | 12.89 |
| | | *For Movable Frame, Add* | *11.38* | |
| | | *For 18 Gauge Frame, Deduct* | *-3.11* | |
| | | *For 14 Gauge Frame, Add* | *7.78* | |
| | | *For 12 Gauge Frame, Add* | *11.83* | |
| 08 12 13 13-0171 | | Operable Steel Transom Sash *(08 12 13 13-0166)* | | |
| | | Note: Includes hardware. | | |
| 08 12 13 13-0172 | SF | 4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash | 71.37 | 12.03 |
| | | *For 18 Gauge Frame, Deduct* | *-4.73* | |
| | | *For 14 Gauge Frame, Add* | *11.83* | |
| | | *For 12 Gauge Frame, Add* | *17.98* | |
| 08 12 13 13-0173 | SF | 5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash | 74.59 | 12.45 |
| | | *For 18 Gauge Frame, Deduct* | *-4.97* | |
| | | *For 14 Gauge Frame, Add* | *12.42* | |
| | | *For 12 Gauge Frame, Add* | *18.88* | |
| 08 12 13 13-0174 | SF | 6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash | 77.94 | 12.89 |
| | | *For 18 Gauge Frame, Deduct* | *-5.22* | |
| | | *For 14 Gauge Frame, Add* | *13.04* | |
| | | *For 12 Gauge Frame, Add* | *19.82* | |
| 08 12 13 13-0175 | | Sidelights, Steel Frame *(08 12 13 13-0166)* | | |
| | | Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing. | | |
| 08 12 13 13-0176 | SF | 4-3/4" Deep Sidelights, 16 Gauge Frame | 54.40 | 12.03 |
| | | *For 18 Gauge Frame, Deduct* | *-3.04* | |
| | | *For 14 Gauge Frame, Add* | *7.59* | |
| | | *For 12 Gauge Frame, Add* | *11.53* | |
| 08 12 13 13-0177 | SF | 5-3/4" Deep Sidelights, 16 Gauge Frame | 56.77 | 12.45 |
| | | *For 18 Gauge Frame, Deduct* | *-3.19* | |
| | | *For 14 Gauge Frame, Add* | *7.97* | |
| | | *For 12 Gauge Frame, Add* | *12.11* | |
| 08 12 13 13-0178 | SF | 6-3/4" Deep Sidelights, 16 Gauge Frame | 59.22 | 12.89 |
| | | *For 18 Gauge Frame, Deduct* | *-3.35* | |
| | | *For 14 Gauge Frame, Add* | *8.36* | |
| | | *For 12 Gauge Frame, Add* | *12.71* | |
| 08 12 13 13-0179 | | Sundry Hollow Metal Frame Sections *(08 12 13 13)* | | |
| | | Note: For non-rated or fire rated frame assemblies | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 12 13 13-0180** | | **16 Gauge, Hollow Metal Frame Vertical Mullions** *(08 12 13 13-0179)* | | |
| 08 12 13 13-0181 | LF | 4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion | 43.88 | 4.81 |
| | | *For 18 Gauge Frame, Deduct* | *-3.18* | |
| | | *For 14 Gauge Frame, Add* | *7.95* | |
| | | *For 12 Gauge Frame, Add* | *12.08* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0182 | LF | 4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion | 45.16 | 4.81 |
| | | *For 18 Gauge Frame, Deduct* | *-3.31* | |
| | | *For 14 Gauge Frame, Add* | *8.27* | |
| | | *For 12 Gauge Frame, Add* | *12.56* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0183 | LF | 5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion | 44.23 | 4.98 |
| | | *For 18 Gauge Frame, Deduct* | *-3.18* | |
| | | *For 14 Gauge Frame, Add* | *7.95* | |
| | | *For 12 Gauge Frame, Add* | *12.08* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0184 | LF | 5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion | 46.21 | 4.98 |
| | | *For 18 Gauge Frame, Deduct* | *-3.38* | |
| | | *For 14 Gauge Frame, Add* | *8.44* | |
| | | *For 12 Gauge Frame, Add* | *12.83* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0185 | LF | 6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion | 46.09 | 5.07 |
| | | *For 18 Gauge Frame, Deduct* | *-3.34* | |
| | | *For 14 Gauge Frame, Add* | *8.34* | |
| | | *For 12 Gauge Frame, Add* | *12.68* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0186 | LF | 6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion | 46.85 | 5.07 |
| | | *For 18 Gauge Frame, Deduct* | *-3.41* | |
| | | *For 14 Gauge Frame, Add* | *8.53* | |
| | | *For 12 Gauge Frame, Add* | *12.97* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| **08 12 13 13-0187** | | **16 Gauge, Hollow Metal Frame Horizontal Rails** *(08 12 13 13-0179)* | | |
| 08 12 13 13-0188 | LF | 4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail | 27.99 | 4.81 |
| | | *For 18 Gauge Frame, Deduct* | *-1.59* | |
| | | *For 14 Gauge Frame, Add* | *3.97* | |
| | | *For 12 Gauge Frame, Add* | *6.04* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0189 | LF | 4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail | 29.61 | 4.81 |
| | | *For 18 Gauge Frame, Deduct* | *-1.75* | |
| | | *For 14 Gauge Frame, Add* | *4.38* | |
| | | *For 12 Gauge Frame, Add* | *6.65* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0190 | LF | 5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail | 28.34 | 4.98 |
| | | *For 18 Gauge Frame, Deduct* | *-1.59* | |
| | | *For 14 Gauge Frame, Add* | *3.97* | |
| | | *For 12 Gauge Frame, Add* | *6.04* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0191 | LF | 5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail | 29.96 | 4.98 |
| | | *For 18 Gauge Frame, Deduct* | *-1.75* | |
| | | *For 14 Gauge Frame, Add* | *4.38* | |
| | | *For 12 Gauge Frame, Add* | *6.65* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |
| 08 12 13 13-0192 | LF | 6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail | 29.41 | 5.07 |
| | | *For 18 Gauge Frame, Deduct* | *-1.67* | |
| | | *For 14 Gauge Frame, Add* | *4.17* | |
| | | *For 12 Gauge Frame, Add* | *6.34* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 12 13 13-0193 | LF | 6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail | 30.81 | 5.07 |
| | | *For 18 Gauge Frame, Deduct* | *-1.81* | |
| | | *For 14 Gauge Frame, Add* | *4.52* | |
| | | *For 12 Gauge Frame, Add* | *6.87* | |
| | | *For 3 Hour Frame, Add* | *8.00* | |
| | | *For 1-1/2 Hour Frame, Add* | *5.00* | |
| | | *For 3/4 Hour Frame, Add* | *4.00* | |

### 08 12 13 13-0194 Metal Frames Accessories *(08 12 13 13)*

| | | | | |
|---|---|---|---|---|
| 08 12 13 13-0195 | EA | For 1' Extension Of New Door Frame | 57.04 | |

## 08 12 16 Aluminum Frames *(08 12)*

### 08 12 16 00-0001 Two Piece Aluminum Door Frames *(08 12 16)*

### 08 12 16 00-0002 4-1/8" x 3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 12 16 00-0003 | EA | Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head | 1,824.04 | 47.24 |
| 08 12 16 00-0004 | EA | Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head | 1,824.04 | 47.24 |

### 08 12 16 00-0005 4-3/4" x 1-3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 12 16 00-0006 | EA | Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head | 1,824.04 | 47.24 |
| 08 12 16 00-0007 | EA | Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head | 1,824.04 | 47.24 |

# 08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

## 08 13 13 Hollow Metal Doors *(08 13)*

### 08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet that has been coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.

### 08 13 13 13-0001 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

### 08 13 13 13-0002 6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 13-0003 | EA | 2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 827.10 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *146.52* | |
| | | *For Type 304 Stainless Steel Door, Add* | *586.10* | |
| | | *For Type 316 Stainless Steel Door, Add* | *952.41* | |
| | | *For Embossed Panel Door, Add* | *175.83* | |
| | | *For Baked Enamel Finish, Add* | *233.96* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-43.72* | |
| | | *For >100, Deduct* | *-64.39* | |
| | | *For Polystyrene Core, Add* | *73.26* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *183.16* | |
| 08 13 13 13-0004 | EA | 2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 827.10 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *146.52* | |
| | | *For Type 304 Stainless Steel Door, Add* | *586.10* | |
| | | *For Type 316 Stainless Steel Door, Add* | *952.41* | |
| | | *For Embossed Panel Door, Add* | *175.83* | |
| | | *For Baked Enamel Finish, Add* | *233.96* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-43.72* | |
| | | *For >100, Deduct* | *-64.39* | |
| | | *For Polystyrene Core, Add* | *73.26* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *183.16* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0005 | EA | 2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 846.37 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *149.52* | |
| | | *For Type 304 Stainless Steel Door, Add* | *598.08* | |
| | | *For Type 316 Stainless Steel Door, Add* | *971.88* | |
| | | *For Embossed Panel Door, Add* | *179.42* | |
| | | *For Baked Enamel Finish, Add* | *239.10* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-44.79* | |
| | | *For >100, Deduct* | *-65.95* | |
| | | *For Polystyrene Core, Add* | *74.76* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *186.90* | |
| 08 13 13 13-0006 | EA | 2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 857.53 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *151.75* | |
| | | *For Type 304 Stainless Steel Door, Add* | *607.01* | |
| | | *For Type 316 Stainless Steel Door, Add* | *986.39* | |
| | | *For Embossed Panel Door, Add* | *182.10* | |
| | | *For Baked Enamel Finish, Add* | *242.44* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-45.35* | |
| | | *For >100, Deduct* | *-66.78* | |
| | | *For Polystyrene Core, Add* | *75.88* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *189.69* | |
| 08 13 13 13-0007 | EA | 2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 864.14 | 50.46 |
| | | *For Galvanized Steel Door, Add* | *152.64* | |
| | | *For Type 304 Stainless Steel Door, Add* | *610.58* | |
| | | *For Type 316 Stainless Steel Door, Add* | *992.19* | |
| | | *For Embossed Panel Door, Add* | *183.17* | |
| | | *For Baked Enamel Finish, Add* | *244.10* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-45.73* | |
| | | *For >100, Deduct* | *-67.33* | |
| | | *For Polystyrene Core, Add* | *76.32* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *190.81* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *95.40* | |
| 08 13 13 13-0008 | EA | 3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 870.75 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *153.54* | |
| | | *For Type 304 Stainless Steel Door, Add* | *614.15* | |
| | | *For Type 316 Stainless Steel Door, Add* | *998.00* | |
| | | *For Embossed Panel Door, Add* | *184.25* | |
| | | *For Baked Enamel Finish, Add* | *245.77* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-46.11* | |
| | | *For >100, Deduct* | *-67.88* | |
| | | *For Polystyrene Core, Add* | *76.77* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *191.92* | |
| 08 13 13 13-0009 | EA | 3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 928.77 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *165.14* | |
| | | *For Type 304 Stainless Steel Door, Add* | *660.57* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,073.42* | |
| | | *For Embossed Panel Door, Add* | *198.17* | |
| | | *For Baked Enamel Finish, Add* | *263.17* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-49.02* | |
| | | *For >100, Deduct* | *-72.23* | |
| | | *For Polystyrene Core, Add* | *82.57* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *206.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0010 | EA | 3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 955.39 | 53.68 |
| | | *For Galvanized Steel Door, Add* | *169.61* | |
| | | *For Type 304 Stainless Steel Door, Add* | *678.42* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,102.44* | |
| | | *For Embossed Panel Door, Add* | *203.53* | |
| | | *For Baked Enamel Finish, Add* | *270.51* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-50.45* | |
| | | *For >100, Deduct* | *-74.34* | |
| | | *For Polystyrene Core, Add* | *84.80* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *212.01* | |
| 08 13 13 13-0011 | EA | 4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 1,053.24 | 57.98 |
| | | *For Galvanized Steel Door, Add* | *187.46* | |
| | | *For Type 304 Stainless Steel Door, Add* | *749.83* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,218.48* | |
| | | *For Embossed Panel Door, Add* | *224.95* | |
| | | *For Baked Enamel Finish, Add* | *298.58* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-55.56* | |
| | | *For >100, Deduct* | *-81.89* | |
| | | *For Polystyrene Core, Add* | *93.73* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *234.32* | |

## 08 13 13 13-0012 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 13-0013 | EA | 2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 846.29 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *150.36* | |
| | | *For Type 304 Stainless Steel Door, Add* | *601.45* | |
| | | *For Type 316 Stainless Steel Door, Add* | *977.35* | |
| | | *For Embossed Panel Door, Add* | *180.43* | |
| | | *For Baked Enamel Finish, Add* | *239.72* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-44.68* | |
| | | *For >100, Deduct* | *-65.83* | |
| | | *For Polystyrene Core, Add* | *75.18* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *187.95* | |
| 08 13 13 13-0014 | EA | 2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 846.29 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *150.36* | |
| | | *For Type 304 Stainless Steel Door, Add* | *601.45* | |
| | | *For Type 316 Stainless Steel Door, Add* | *977.35* | |
| | | *For Embossed Panel Door, Add* | *180.43* | |
| | | *For Baked Enamel Finish, Add* | *239.72* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-44.68* | |
| | | *For >100, Deduct* | *-65.83* | |
| | | *For Polystyrene Core, Add* | *75.18* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *187.95* | |
| 08 13 13 13-0015 | EA | 2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 865.96 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *153.44* | |
| | | *For Type 304 Stainless Steel Door, Add* | *613.75* | |
| | | *For Type 316 Stainless Steel Door, Add* | *997.35* | |
| | | *For Embossed Panel Door, Add* | *184.13* | |
| | | *For Baked Enamel Finish, Add* | *244.97* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-45.77* | |
| | | *For >100, Deduct* | *-67.42* | |
| | | *For Polystyrene Core, Add* | *76.72* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *191.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0016 | EA | 2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 877.41 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *155.73* | |
| | | *For Type 304 Stainless Steel Door, Add* | *622.91* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,012.23* | |
| | | *For Embossed Panel Door, Add* | *186.87* | |
| | | *For Baked Enamel Finish, Add* | *248.41* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-46.34* | |
| | | *For >100, Deduct* | *-68.28* | |
| | | *For Polystyrene Core, Add* | *77.86* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *194.66* | |
| 08 13 13 13-0017 | EA | 2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 884.14 | 50.46 |
| | | *For Galvanized Steel Door, Add* | *156.64* | |
| | | *For Type 304 Stainless Steel Door, Add* | *626.58* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,018.19* | |
| | | *For Embossed Panel Door, Add* | *187.97* | |
| | | *For Baked Enamel Finish, Add* | *250.10* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-46.73* | |
| | | *For >100, Deduct* | *-68.83* | |
| | | *For Polystyrene Core, Add* | *78.32* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *195.81* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *97.90* | |
| 08 13 13 13-0018 | EA | 3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 890.86 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *157.56* | |
| | | *For Type 304 Stainless Steel Door, Add* | *630.24* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,024.14* | |
| | | *For Embossed Panel Door, Add* | *189.07* | |
| | | *For Baked Enamel Finish, Add* | *251.80* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-47.12* | |
| | | *For >100, Deduct* | *-69.39* | |
| | | *For Polystyrene Core, Add* | *78.78* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *196.95* | |
| 08 13 13 13-0019 | EA | 3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 950.40 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *169.47* | |
| | | *For Type 304 Stainless Steel Door, Add* | *677.87* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,101.54* | |
| | | *For Embossed Panel Door, Add* | *203.36* | |
| | | *For Baked Enamel Finish, Add* | *269.66* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-50.10* | |
| | | *For >100, Deduct* | *-73.86* | |
| | | *For Polystyrene Core, Add* | *84.73* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *211.84* | |
| 08 13 13 13-0020 | EA | 3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 977.61 | 53.68 |
| | | *For Galvanized Steel Door, Add* | *174.05* | |
| | | *For Type 304 Stainless Steel Door, Add* | *696.20* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,131.33* | |
| | | *For Embossed Panel Door, Add* | *208.86* | |
| | | *For Baked Enamel Finish, Add* | *277.18* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-51.56* | |
| | | *For >100, Deduct* | *-76.00* | |
| | | *For Polystyrene Core, Add* | *87.03* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *217.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0021 | EA | 4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 1,077.80 | 57.98 |
| | | *For Galvanized Steel Door, Add* | *192.37* | |
| | | *For Type 304 Stainless Steel Door, Add* | *769.48* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,250.41* | |
| | | *For Embossed Panel Door, Add* | *230.84* | |
| | | *For Baked Enamel Finish, Add* | *305.95* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-56.79* | |
| | | *For >100, Deduct* | *-83.73* | |
| | | *For Polystyrene Core, Add* | *96.19* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *240.46* | |

## 08 13 13 13-0022 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 13-0023 | EA | 2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 864.94 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *154.09* | |
| | | *For Type 304 Stainless Steel Door, Add* | *616.37* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,001.60* | |
| | | *For Embossed Panel Door, Add* | *184.91* | |
| | | *For Baked Enamel Finish, Add* | *245.31* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-45.61* | |
| | | *For >100, Deduct* | *-67.23* | |
| | | *For Polystyrene Core, Add* | *77.05* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *192.62* | |
| 08 13 13 13-0024 | EA | 2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 864.94 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *154.09* | |
| | | *For Type 304 Stainless Steel Door, Add* | *616.37* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,001.60* | |
| | | *For Embossed Panel Door, Add* | *184.91* | |
| | | *For Baked Enamel Finish, Add* | *245.31* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-45.61* | |
| | | *For >100, Deduct* | *-67.23* | |
| | | *For Polystyrene Core, Add* | *77.05* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *192.62* | |
| 08 13 13 13-0025 | EA | 2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 884.99 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *157.24* | |
| | | *For Type 304 Stainless Steel Door, Add* | *628.98* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,022.09* | |
| | | *For Embossed Panel Door, Add* | *188.69* | |
| | | *For Baked Enamel Finish, Add* | *250.68* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-46.72* | |
| | | *For >100, Deduct* | *-68.84* | |
| | | *For Polystyrene Core, Add* | *78.62* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *196.56* | |
| 08 13 13 13-0026 | EA | 2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 896.72 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *159.59* | |
| | | *For Type 304 Stainless Steel Door, Add* | *638.36* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,037.34* | |
| | | *For Embossed Panel Door, Add* | *191.51* | |
| | | *For Baked Enamel Finish, Add* | *254.20* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-47.31* | |
| | | *For >100, Deduct* | *-69.72* | |
| | | *For Polystyrene Core, Add* | *79.80* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *199.49* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0027 | EA | 2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 903.56 | 50.46 |
| | | *For Galvanized Steel Door, Add* | *160.53* | |
| | | *For Type 304 Stainless Steel Door, Add* | *642.11* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,043.43* | |
| | | *For Embossed Panel Door, Add* | *192.63* | |
| | | *For Baked Enamel Finish, Add* | *255.93* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-47.70* | |
| | | *For >100, Deduct* | *-70.29* | |
| | | *For Polystyrene Core, Add* | *80.26* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *200.66* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *100.33* | |
| 08 13 13 13-0028 | EA | 3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 910.40 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *161.47* | |
| | | *For Type 304 Stainless Steel Door, Add* | *645.87* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,049.54* | |
| | | *For Embossed Panel Door, Add* | *193.76* | |
| | | *For Baked Enamel Finish, Add* | *257.66* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-48.10* | |
| | | *For >100, Deduct* | *-70.86* | |
| | | *For Polystyrene Core, Add* | *80.73* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *201.84* | |
| 08 13 13 13-0029 | EA | 3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 971.42 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *173.67* | |
| | | *For Type 304 Stainless Steel Door, Add* | *694.69* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,128.87* | |
| | | *For Embossed Panel Door, Add* | *208.41* | |
| | | *For Baked Enamel Finish, Add* | *275.97* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-51.15* | |
| | | *For >100, Deduct* | *-75.43* | |
| | | *For Polystyrene Core, Add* | *86.84* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *217.09* | |
| 08 13 13 13-0030 | EA | 3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 999.19 | 53.68 |
| | | *For Galvanized Steel Door, Add* | *178.37* | |
| | | *For Type 304 Stainless Steel Door, Add* | *713.46* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,159.38* | |
| | | *For Embossed Panel Door, Add* | *214.04* | |
| | | *For Baked Enamel Finish, Add* | *283.65* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-52.64* | |
| | | *For >100, Deduct* | *-77.62* | |
| | | *For Polystyrene Core, Add* | *89.18* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *222.96* | |
| 08 13 13 13-0031 | EA | 4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door | 1,101.65 | 57.98 |
| | | *For Galvanized Steel Door, Add* | *197.14* | |
| | | *For Type 304 Stainless Steel Door, Add* | *788.56* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,281.41* | |
| | | *For Embossed Panel Door, Add* | *236.57* | |
| | | *For Baked Enamel Finish, Add* | *313.10* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-57.98* | |
| | | *For >100, Deduct* | *-85.52* | |
| | | *For Polystyrene Core, Add* | *98.57* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *246.43* | |

08 13 13 13-0032 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0033 6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0034 | EA | 2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 886.37 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *158.38* | |
| | | *For Type 304 Stainless Steel Door, Add* | *633.51* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,029.46* | |
| | | *For Embossed Panel Door, Add* | *190.05* | |
| | | *For Baked Enamel Finish, Add* | *251.74* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-46.68* | |
| | | *For >100, Deduct* | *-68.84* | |
| | | *For 2" Thick Door, Add* | *59.77* | |
| | | *For Polystyrene Core, Add* | *79.19* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *197.97* | |
| 08 13 13 13-0035 | EA | 2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 886.37 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *158.38* | |
| | | *For Type 304 Stainless Steel Door, Add* | *633.51* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,029.46* | |
| | | *For Embossed Panel Door, Add* | *190.05* | |
| | | *For Baked Enamel Finish, Add* | *251.74* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-46.68* | |
| | | *For >100, Deduct* | *-68.84* | |
| | | *For 2" Thick Door, Add* | *59.77* | |
| | | *For Polystyrene Core, Add* | *79.19* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *197.97* | |
| 08 13 13 13-0036 | EA | 2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 906.85 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *161.62* | |
| | | *For Type 304 Stainless Steel Door, Add* | *646.46* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,050.50* | |
| | | *For Embossed Panel Door, Add* | *193.94* | |
| | | *For Baked Enamel Finish, Add* | *257.24* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-47.81* | |
| | | *For >100, Deduct* | *-70.48* | |
| | | *For 2" Thick Door, Add* | *61.06* | |
| | | *For Polystyrene Core, Add* | *80.81* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *202.02* | |
| 08 13 13 13-0037 | EA | 2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 918.91 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *164.03* | |
| | | *For Type 304 Stainless Steel Door, Add* | *656.11* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,066.18* | |
| | | *For Embossed Panel Door, Add* | *196.83* | |
| | | *For Baked Enamel Finish, Add* | *260.86* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-48.41* | |
| | | *For >100, Deduct* | *-71.39* | |
| | | *For 2" Thick Door, Add* | *61.93* | |
| | | *For Polystyrene Core, Add* | *82.01* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *205.04* | |
| 08 13 13 13-0038 | EA | 2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 925.87 | 50.46 |
| | | *For Galvanized Steel Door, Add* | *164.99* | |
| | | *For Type 304 Stainless Steel Door, Add* | *659.96* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,072.44* | |
| | | *For Embossed Panel Door, Add* | *197.99* | |
| | | *For Baked Enamel Finish, Add* | *262.62* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-48.82* | |
| | | *For >100, Deduct* | *-71.96* | |
| | | *For 2" Thick Door, Add* | *62.33* | |
| | | *For Polystyrene Core, Add* | *82.50* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *206.24* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *103.12* | |
| | | *For Steel Stiffened, Add* | *206.24* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0039 | EA | 3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 932.85 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *165.96* | |
| | | *For Type 304 Stainless Steel Door, Add* | *663.83* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,078.73* | |
| | | *For Embossed Panel Door, Add* | *199.15* | |
| | | *For Baked Enamel Finish, Add* | *264.40* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-49.22* | |
| | | *For >100, Deduct* | *-72.54* | |
| | | *For 2" Thick Door, Add* | *62.74* | |
| | | *For Polystyrene Core, Add* | *82.98* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *207.45* | |
| 08 13 13 13-0040 | EA | 3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 995.57 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *178.50* | |
| | | *For Type 304 Stainless Steel Door, Add* | *714.01* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,160.26* | |
| | | *For Embossed Panel Door, Add* | *214.20* | |
| | | *For Baked Enamel Finish, Add* | *283.21* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-52.36* | |
| | | *For >100, Deduct* | *-77.24* | |
| | | *For 2" Thick Door, Add* | *67.28* | |
| | | *For Polystyrene Core, Add* | *89.25* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *223.13* | |
| 08 13 13 13-0041 | EA | 3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,023.99 | 53.68 |
| | | *For Galvanized Steel Door, Add* | *183.33* | |
| | | *For Type 304 Stainless Steel Door, Add* | *733.30* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,191.62* | |
| | | *For Embossed Panel Door, Add* | *219.99* | |
| | | *For Baked Enamel Finish, Add* | *291.09* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-53.88* | |
| | | *For >100, Deduct* | *-79.48* | |
| | | *For 2" Thick Door, Add* | *69.14* | |
| | | *For Polystyrene Core, Add* | *91.66* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *229.16* | |
| 08 13 13 13-0042 | EA | 4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,129.07 | 57.98 |
| | | *For Galvanized Steel Door, Add* | *202.62* | |
| | | *For Type 304 Stainless Steel Door, Add* | *810.50* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,317.06* | |
| | | *For Embossed Panel Door, Add* | *243.15* | |
| | | *For Baked Enamel Finish, Add* | *321.33* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-59.35* | |
| | | *For >100, Deduct* | *-87.58* | |
| | | *For 2" Thick Door, Add* | *76.35* | |
| | | *For Polystyrene Core, Add* | *101.31* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *253.28* | |

### 08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 13-0044 | EA | 2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 905.16 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *162.14* | |
| | | *For Type 304 Stainless Steel Door, Add* | *648.54* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,053.88* | |
| | | *For Embossed Panel Door, Add* | *194.56* | |
| | | *For Baked Enamel Finish, Add* | *257.38* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-47.62* | |
| | | *For >100, Deduct* | *-70.25* | |
| | | *For 2" Thick Door, Add* | *61.14* | |
| | | *For Polystyrene Core, Add* | *81.07* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *202.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0045 | EA | 2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 905.16 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *162.14* | |
| | | *For Type 304 Stainless Steel Door, Add* | *648.54* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,053.88* | |
| | | *For Embossed Panel Door, Add* | *194.56* | |
| | | *For Baked Enamel Finish, Add* | *257.38* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-47.62* | |
| | | *For >100, Deduct* | *-70.25* | |
| | | *For 2" Thick Door, Add* | *61.14* | |
| | | *For Polystyrene Core, Add* | *81.07* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *202.67* | |
| 08 13 13 13-0046 | EA | 2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 926.03 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *165.45* | |
| | | *For Type 304 Stainless Steel Door, Add* | *661.81* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,075.44* | |
| | | *For Embossed Panel Door, Add* | *198.54* | |
| | | *For Baked Enamel Finish, Add* | *262.99* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-48.77* | |
| | | *For >100, Deduct* | *-71.92* | |
| | | *For 2" Thick Door, Add* | *62.45* | |
| | | *For Polystyrene Core, Add* | *82.73* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *206.82* | |
| 08 13 13 13-0047 | EA | 2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 938.38 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *167.92* | |
| | | *For Type 304 Stainless Steel Door, Add* | *671.69* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,091.49* | |
| | | *For Embossed Panel Door, Add* | *201.51* | |
| | | *For Baked Enamel Finish, Add* | *266.70* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-49.39* | |
| | | *For >100, Deduct* | *-72.85* | |
| | | *For 2" Thick Door, Add* | *63.34* | |
| | | *For Polystyrene Core, Add* | *83.96* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *209.90* | |
| 08 13 13 13-0048 | EA | 2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 945.47 | 50.46 |
| | | *For Galvanized Steel Door, Add* | *168.91* | |
| | | *For Type 304 Stainless Steel Door, Add* | *675.64* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,097.92* | |
| | | *For Embossed Panel Door, Add* | *202.69* | |
| | | *For Baked Enamel Finish, Add* | *268.50* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-49.80* | |
| | | *For >100, Deduct* | *-73.43* | |
| | | *For 2" Thick Door, Add* | *63.75* | |
| | | *For Polystyrene Core, Add* | *84.46* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *211.14* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *105.57* | |
| | | *For Steel Stiffened, Add* | *211.14* | |
| 08 13 13 13-0049 | EA | 3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 952.54 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *169.90* | |
| | | *For Type 304 Stainless Steel Door, Add* | *679.58* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,104.32* | |
| | | *For Embossed Panel Door, Add* | *203.88* | |
| | | *For Baked Enamel Finish, Add* | *270.30* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-50.20* | |
| | | *For >100, Deduct* | *-74.02* | |
| | | *For 2" Thick Door, Add* | *64.16* | |
| | | *For Polystyrene Core, Add* | *84.95* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *212.37* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0050 | EA | 3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,016.75 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *182.74* | |
| | | *For Type 304 Stainless Steel Door, Add* | *730.95* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,187.80* | |
| | | *For Embossed Panel Door, Add* | *219.29* | |
| | | *For Baked Enamel Finish, Add* | *289.57* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-53.41* | |
| | | *For >100, Deduct* | *-78.83* | |
| | | *For 2" Thick Door, Add* | *68.82* | |
| | | *For Polystyrene Core, Add* | *91.37* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *228.42* | |
| 08 13 13 13-0051 | EA | 3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,045.75 | 53.68 |
| | | *For Galvanized Steel Door, Add* | *187.68* | |
| | | *For Type 304 Stainless Steel Door, Add* | *750.71* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,219.91* | |
| | | *For Embossed Panel Door, Add* | *225.21* | |
| | | *For Baked Enamel Finish, Add* | *297.62* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-54.97* | |
| | | *For >100, Deduct* | *-81.12* | |
| | | *For 2" Thick Door, Add* | *70.72* | |
| | | *For Polystyrene Core, Add* | *93.84* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *234.60* | |
| 08 13 13 13-0052 | EA | 4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,153.11 | 57.98 |
| | | *For Galvanized Steel Door, Add* | *207.43* | |
| | | *For Type 304 Stainless Steel Door, Add* | *829.73* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,348.31* | |
| | | *For Embossed Panel Door, Add* | *248.92* | |
| | | *For Baked Enamel Finish, Add* | *328.54* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-60.55* | |
| | | *For >100, Deduct* | *-89.38* | |
| | | *For 2" Thick Door, Add* | *78.09* | |
| | | *For Polystyrene Core, Add* | *103.72* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *259.29* | |

### 08 13 13 13-0053 7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 13-0054 | EA | 2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 923.96 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *165.90* | |
| | | *For Type 304 Stainless Steel Door, Add* | *663.58* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,078.32* | |
| | | *For Embossed Panel Door, Add* | *199.08* | |
| | | *For Baked Enamel Finish, Add* | *263.02* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-48.56* | |
| | | *For >100, Deduct* | *-71.66* | |
| | | *For 2" Thick Door, Add* | *62.50* | |
| | | *For Polystyrene Core, Add* | *82.95* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *207.37* | |
| 08 13 13 13-0055 | EA | 2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 923.96 | 47.24 |
| | | *For Galvanized Steel Door, Add* | *165.90* | |
| | | *For Type 304 Stainless Steel Door, Add* | *663.58* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,078.32* | |
| | | *For Embossed Panel Door, Add* | *199.08* | |
| | | *For Baked Enamel Finish, Add* | *263.02* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-48.56* | |
| | | *For >100, Deduct* | *-71.66* | |
| | | *For 2" Thick Door, Add* | *62.50* | |
| | | *For Polystyrene Core, Add* | *82.95* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *207.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0056 | EA | 2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 945.21 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *169.29* | |
| | | *For Type 304 Stainless Steel Door, Add* | *677.15* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,100.37* | |
| | | *For Embossed Panel Door, Add* | *203.15* | |
| | | *For Baked Enamel Finish, Add* | *268.75* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-49.73* | |
| | | *For >100, Deduct* | *-73.36* | |
| | | *For 2" Thick Door, Add* | *63.84* | |
| | | *For Polystyrene Core, Add* | *84.64* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *211.61* | |
| 08 13 13 13-0057 | EA | 2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 957.84 | 49.38 |
| | | *For Galvanized Steel Door, Add* | *171.81* | |
| | | *For Type 304 Stainless Steel Door, Add* | *687.26* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,116.79* | |
| | | *For Embossed Panel Door, Add* | *206.18* | |
| | | *For Baked Enamel Finish, Add* | *272.54* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-50.36* | |
| | | *For >100, Deduct* | *-74.31* | |
| | | *For 2" Thick Door, Add* | *64.75* | |
| | | *For Polystyrene Core, Add* | *85.91* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *214.77* | |
| 08 13 13 13-0058 | EA | 3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 972.24 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *173.84* | |
| | | *For Type 304 Stainless Steel Door, Add* | *695.34* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,129.93* | |
| | | *For Embossed Panel Door, Add* | *208.60* | |
| | | *For Baked Enamel Finish, Add* | *276.21* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-51.19* | |
| | | *For >100, Deduct* | *-75.49* | |
| | | *For 2" Thick Door, Add* | *65.59* | |
| | | *For Polystyrene Core, Add* | *86.92* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *217.30* | |
| 08 13 13 13-0059 | EA | 3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,037.93 | 51.53 |
| | | *For Galvanized Steel Door, Add* | *186.97* | |
| | | *For Type 304 Stainless Steel Door, Add* | *747.90* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,215.33* | |
| | | *For Embossed Panel Door, Add* | *224.37* | |
| | | *For Baked Enamel Finish, Add* | *295.92* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-54.47* | |
| | | *For >100, Deduct* | *-80.42* | |
| | | *For 2" Thick Door, Add* | *70.35* | |
| | | *For Polystyrene Core, Add* | *93.49* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *233.72* | |
| 08 13 13 13-0060 | EA | 3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,067.50 | 53.68 |
| | | *For Galvanized Steel Door, Add* | *192.03* | |
| | | *For Type 304 Stainless Steel Door, Add* | *768.11* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,248.18* | |
| | | *For Embossed Panel Door, Add* | *230.43* | |
| | | *For Baked Enamel Finish, Add* | *304.15* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-56.06* | |
| | | *For >100, Deduct* | *-82.75* | |
| | | *For 2" Thick Door, Add* | *72.29* | |
| | | *For Polystyrene Core, Add* | *96.01* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *240.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0061 | EA | 4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,177.16 | 57.98 |
| | | *For Galvanized Steel Door, Add* | *212.24* | |
| | | *For Type 304 Stainless Steel Door, Add* | *848.97* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,379.57* | |
| | | *For Embossed Panel Door, Add* | *254.69* | |
| | | *For Baked Enamel Finish, Add* | *335.76* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-61.76* | |
| | | *For >100, Deduct* | *-91.19* | |
| | | *For 2" Thick Door, Add* | *79.84* | |
| | | *For Polystyrene Core, Add* | *106.12* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *265.30* | |
| 08 13 13 13-0062 | | 8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)* | | |
| 08 13 13 13-0063 | EA | 2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,078.98 | 47.24 |
| | | *For Up To 1' Extra Height, Add* | *272.41* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *519.72* | |
| | | *For Galvanized Steel Door, Add* | *196.90* | |
| | | *For Type 304 Stainless Steel Door, Add* | *787.60* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,279.85* | |
| | | *For Embossed Panel Door, Add* | *236.28* | |
| | | *For Baked Enamel Finish, Add* | *309.52* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-56.31* | |
| | | *For >100, Deduct* | *-83.29* | |
| | | *For 2" Thick Door, Add* | *73.74* | |
| | | *For Polystyrene Core, Add* | *98.45* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *246.13* | |
| 08 13 13 13-0064 | EA | 2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,078.98 | 47.24 |
| | | *For Up To 1' Extra Height, Add* | *272.41* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *519.72* | |
| | | *For Galvanized Steel Door, Add* | *196.90* | |
| | | *For Type 304 Stainless Steel Door, Add* | *787.60* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,279.85* | |
| | | *For Embossed Panel Door, Add* | *236.28* | |
| | | *For Baked Enamel Finish, Add* | *309.52* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-56.31* | |
| | | *For >100, Deduct* | *-83.29* | |
| | | *For 2" Thick Door, Add* | *73.74* | |
| | | *For Polystyrene Core, Add* | *98.45* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *246.13* | |
| 08 13 13 13-0065 | EA | 2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,103.41 | 49.38 |
| | | *For Up To 1' Extra Height, Add* | *277.98* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *530.35* | |
| | | *For Galvanized Steel Door, Add* | *200.93* | |
| | | *For Type 304 Stainless Steel Door, Add* | *803.71* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,306.03* | |
| | | *For Embossed Panel Door, Add* | *241.11* | |
| | | *For Baked Enamel Finish, Add* | *316.21* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-57.64* | |
| | | *For >100, Deduct* | *-85.23* | |
| | | *For 2" Thick Door, Add* | *75.31* | |
| | | *For Polystyrene Core, Add* | *100.46* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *251.16* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0066 | EA | 2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,118.40 | 49.38 |
| | | *For Up To 1' Extra Height, Add* | *282.13* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *538.26* | |
| | | *For Galvanized Steel Door, Add* | *203.93* | |
| | | *For Type 304 Stainless Steel Door, Add* | *815.70* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,325.52* | |
| | | *For Embossed Panel Door, Add* | *244.71* | |
| | | *For Baked Enamel Finish, Add* | *320.70* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-58.39* | |
| | | *For >100, Deduct* | *-86.35* | |
| | | *For 2" Thick Door, Add* | *76.39* | |
| | | *For Polystyrene Core, Add* | *101.96* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *254.91* | |
| 08 13 13 13-0067 | EA | 2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,126.54 | 50.46 |
| | | *For Up To 1' Extra Height, Add* | *283.79* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *541.42* | |
| | | *For Galvanized Steel Door, Add* | *205.12* | |
| | | *For Type 304 Stainless Steel Door, Add* | *820.50* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,333.31* | |
| | | *For Embossed Panel Door, Add* | *246.15* | |
| | | *For Baked Enamel Finish, Add* | *322.82* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-58.85* | |
| | | *For >100, Deduct* | *-87.01* | |
| | | *For 2" Thick Door, Add* | *76.88* | |
| | | *For Polystyrene Core, Add* | *102.56* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *256.41* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *128.20* | |
| | | *For Steel Stiffened, Add* | *256.41* | |
| 08 13 13 13-0068 | EA | 3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,134.68 | 51.53 |
| | | *For Up To 1' Extra Height, Add* | *285.45* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *544.59* | |
| | | *For Galvanized Steel Door, Add* | *206.32* | |
| | | *For Type 304 Stainless Steel Door, Add* | *825.30* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,341.11* | |
| | | *For Embossed Panel Door, Add* | *247.59* | |
| | | *For Baked Enamel Finish, Add* | *324.95* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-59.31* | |
| | | *For >100, Deduct* | *-87.68* | |
| | | *For 2" Thick Door, Add* | *77.37* | |
| | | *For Polystyrene Core, Add* | *103.16* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *257.91* | |
| 08 13 13 13-0069 | EA | 3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,212.66 | 51.53 |
| | | *For Up To 1' Extra Height, Add* | *307.03* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *585.76* | |
| | | *For Galvanized Steel Door, Add* | *221.92* | |
| | | *For Type 304 Stainless Steel Door, Add* | *887.68* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,442.48* | |
| | | *For Embossed Panel Door, Add* | *266.30* | |
| | | *For Baked Enamel Finish, Add* | *348.34* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-63.21* | |
| | | *For >100, Deduct* | *-93.53* | |
| | | *For 2" Thick Door, Add* | *83.02* | |
| | | *For Polystyrene Core, Add* | *110.96* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *277.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0070 | EA | 3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,246.95 | 53.68 |
| | | *For Up To 1' Extra Height, Add* | *315.32* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *601.59* | |
| | | *For Galvanized Steel Door, Add* | *227.92* | |
| | | *For Type 304 Stainless Steel Door, Add* | *911.67* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,481.47* | |
| | | *For Embossed Panel Door, Add* | *273.50* | |
| | | *For Baked Enamel Finish, Add* | *357.98* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-65.03* | |
| | | *For >100, Deduct* | *-96.21* | |
| | | *For 2" Thick Door, Add* | *85.30* | |
| | | *For Polystyrene Core, Add* | *113.96* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *284.90* | |
| 08 13 13 13-0071 | EA | 4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,375.49 | 57.98 |
| | | *For Up To 1' Extra Height, Add* | *348.51* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *664.91* | |
| | | *For Galvanized Steel Door, Add* | *251.91* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,007.63* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,637.40* | |
| | | *For Embossed Panel Door, Add* | *302.29* | |
| | | *For Baked Enamel Finish, Add* | *395.25* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-71.67* | |
| | | *For >100, Deduct* | *-106.06* | |
| | | *For 2" Thick Door, Add* | *94.22* | |
| | | *For Polystyrene Core, Add* | *125.95* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *314.89* | |

### 08 13 13 13-0072 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

### 08 13 13 13-0073 6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 13-0074 | EA | 2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,191.24 | 47.24 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *438.70* | |
| | | *For Galvanized Steel Door, Add* | *219.35* | |
| | | *For Type 304 Stainless Steel Door, Add* | *877.41* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,425.79* | |
| | | *For Embossed Panel Door, Add* | *263.22* | |
| | | *For Baked Enamel Finish, Add* | *343.20* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-61.92* | |
| | | *For >100, Deduct* | *-91.71* | |
| | | *For 2" Thick Door, Add* | *81.88* | |
| | | *For Polystyrene Core, Add* | *109.68* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *274.19* | |
| 08 13 13 13-0075 | EA | 2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,191.24 | 47.24 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *438.70* | |
| | | *For Galvanized Steel Door, Add* | *219.35* | |
| | | *For Type 304 Stainless Steel Door, Add* | *877.41* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,425.79* | |
| | | *For Embossed Panel Door, Add* | *263.22* | |
| | | *For Baked Enamel Finish, Add* | *343.20* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-61.92* | |
| | | *For >100, Deduct* | *-91.71* | |
| | | *For 2" Thick Door, Add* | *81.88* | |
| | | *For Polystyrene Core, Add* | *109.68* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *274.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0076 | EA | 2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,217.97 | 49.38 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *447.68* | |
| | | *For Galvanized Steel Door, Add* | *223.84* | |
| | | *For Type 304 Stainless Steel Door, Add* | *895.36* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,454.96* | |
| | | *For Embossed Panel Door, Add* | *268.61* | |
| | | *For Baked Enamel Finish, Add* | *350.58* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-63.37* | |
| | | *For >100, Deduct* | *-93.82* | |
| | | *For 2" Thick Door, Add* | *83.61* | |
| | | *For Polystyrene Core, Add* | *111.92* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *279.80* | |
| 08 13 13 13-0077 | EA | 2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,234.67 | 49.38 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *454.36* | |
| | | *For Galvanized Steel Door, Add* | *227.18* | |
| | | *For Type 304 Stainless Steel Door, Add* | *908.72* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,476.67* | |
| | | *For Embossed Panel Door, Add* | *272.62* | |
| | | *For Baked Enamel Finish, Add* | *355.59* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-64.20* | |
| | | *For >100, Deduct* | *-95.07* | |
| | | *For 2" Thick Door, Add* | *84.82* | |
| | | *For Polystyrene Core, Add* | *113.59* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *283.98* | |
| 08 13 13 13-0078 | EA | 2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,243.52 | 50.46 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *457.04* | |
| | | *For Galvanized Steel Door, Add* | *228.52* | |
| | | *For Type 304 Stainless Steel Door, Add* | *914.08* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,485.38* | |
| | | *For Embossed Panel Door, Add* | *274.22* | |
| | | *For Baked Enamel Finish, Add* | *357.92* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-64.70* | |
| | | *For >100, Deduct* | *-95.79* | |
| | | *For 2" Thick Door, Add* | *85.36* | |
| | | *For Polystyrene Core, Add* | *114.26* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *285.65* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *142.83* | |
| | | *For Steel Stiffened, Add* | *285.65* | |
| 08 13 13 13-0079 | EA | 3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,252.33 | 51.53 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *459.71* | |
| | | *For Galvanized Steel Door, Add* | *229.85* | |
| | | *For Type 304 Stainless Steel Door, Add* | *919.42* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,494.05* | |
| | | *For Embossed Panel Door, Add* | *275.82* | |
| | | *For Baked Enamel Finish, Add* | *360.24* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-65.19* | |
| | | *For >100, Deduct* | *-96.50* | |
| | | *For 2" Thick Door, Add* | *85.90* | |
| | | *For Polystyrene Core, Add* | *114.93* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *287.32* | |
| 08 13 13 13-0080 | EA | 3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,339.19 | 51.53 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *494.45* | |
| | | *For Galvanized Steel Door, Add* | *247.23* | |
| | | *For Type 304 Stainless Steel Door, Add* | *988.90* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,606.97* | |
| | | *For Embossed Panel Door, Add* | *296.67* | |
| | | *For Baked Enamel Finish, Add* | *386.30* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-69.54* | |
| | | *For >100, Deduct* | *-103.02* | |
| | | *For 2" Thick Door, Add* | *92.20* | |
| | | *For Polystyrene Core, Add* | *123.61* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *309.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0081 | EA | 3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,376.90 | 53.68 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *507.82* | |
| | | *For Galvanized Steel Door, Add* | *253.91* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,015.63* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,650.40* | |
| | | *For Embossed Panel Door, Add* | *304.69* | |
| | | *For Baked Enamel Finish, Add* | *396.97* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-71.53* | |
| | | *For >100, Deduct* | *-105.95* | |
| | | *For 2" Thick Door, Add* | *94.73* | |
| | | *For Polystyrene Core, Add* | *126.95* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *317.39* | |
| 08 13 13 13-0082 | EA | 4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,519.12 | 57.98 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *561.27* | |
| | | *For Galvanized Steel Door, Add* | *280.63* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,122.54* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,824.12* | |
| | | *For Embossed Panel Door, Add* | *336.76* | |
| | | *For Baked Enamel Finish, Add* | *438.34* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-78.85* | |
| | | *For >100, Deduct* | *-116.83* | |
| | | *For 2" Thick Door, Add* | *104.63* | |
| | | *For Polystyrene Core, Add* | *140.32* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *350.79* | |

### 08 13 13 13-0083 7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 13-0084 | EA | 2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,217.28 | 47.24 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *449.12* | |
| | | *For Galvanized Steel Door, Add* | *224.56* | |
| | | *For Type 304 Stainless Steel Door, Add* | *898.24* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,459.64* | |
| | | *For Embossed Panel Door, Add* | *269.47* | |
| | | *For Baked Enamel Finish, Add* | *351.01* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-63.23* | |
| | | *For >100, Deduct* | *-93.66* | |
| | | *For 2" Thick Door, Add* | *83.77* | |
| | | *For Polystyrene Core, Add* | *112.28* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *280.70* | |
| 08 13 13 13-0085 | EA | 2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,217.28 | 47.24 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *449.12* | |
| | | *For Galvanized Steel Door, Add* | *224.56* | |
| | | *For Type 304 Stainless Steel Door, Add* | *898.24* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,459.64* | |
| | | *For Embossed Panel Door, Add* | *269.47* | |
| | | *For Baked Enamel Finish, Add* | *351.01* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-63.23* | |
| | | *For >100, Deduct* | *-93.66* | |
| | | *For 2" Thick Door, Add* | *83.77* | |
| | | *For Polystyrene Core, Add* | *112.28* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *280.70* | |
| 08 13 13 13-0086 | EA | 2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,244.53 | 49.38 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *458.30* | |
| | | *For Galvanized Steel Door, Add* | *229.15* | |
| | | *For Type 304 Stainless Steel Door, Add* | *916.61* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,489.49* | |
| | | *For Embossed Panel Door, Add* | *274.98* | |
| | | *For Baked Enamel Finish, Add* | *358.54* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-64.70* | |
| | | *For >100, Deduct* | *-95.81* | |
| | | *For 2" Thick Door, Add* | *85.54* | |
| | | *For Polystyrene Core, Add* | *114.58* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *286.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0087 | EA | 2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,261.63 | 49.38 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *465.14* | |
| | | *For Galvanized Steel Door, Add* | *232.57* | |
| | | *For Type 304 Stainless Steel Door, Add* | *930.29* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,511.72* | |
| | | *For Embossed Panel Door, Add* | *279.09* | |
| | | *For Baked Enamel Finish, Add* | *363.67* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-65.55* | |
| | | *For >100, Deduct* | *-97.09* | |
| | | *For 2" Thick Door, Add* | *86.78* | |
| | | *For Polystyrene Core, Add* | *116.29* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *290.72* | |
| 08 13 13 13-0088 | EA | 2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,270.62 | 50.46 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *467.88* | |
| | | *For Galvanized Steel Door, Add* | *233.94* | |
| | | *For Type 304 Stainless Steel Door, Add* | *935.76* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,520.61* | |
| | | *For Embossed Panel Door, Add* | *280.73* | |
| | | *For Baked Enamel Finish, Add* | *366.05* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-66.05* | |
| | | *For >100, Deduct* | *-97.82* | |
| | | *For 2" Thick Door, Add* | *87.33* | |
| | | *For Polystyrene Core, Add* | *116.97* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *292.43* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *146.21* | |
| | | *For Steel Stiffened, Add* | *292.43* | |
| 08 13 13 13-0089 | EA | 3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,279.60 | 51.53 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *470.62* | |
| | | *For Galvanized Steel Door, Add* | *235.31* | |
| | | *For Type 304 Stainless Steel Door, Add* | *941.23* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,529.50* | |
| | | *For Embossed Panel Door, Add* | *282.37* | |
| | | *For Baked Enamel Finish, Add* | *368.42* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-66.56* | |
| | | *For >100, Deduct* | *-98.55* | |
| | | *For 2" Thick Door, Add* | *87.88* | |
| | | *For Polystyrene Core, Add* | *117.65* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *294.14* | |
| 08 13 13 13-0090 | EA | 3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,368.52 | 51.53 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *506.18* | |
| | | *For Galvanized Steel Door, Add* | *253.09* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,012.37* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,645.10* | |
| | | *For Embossed Panel Door, Add* | *303.71* | |
| | | *For Baked Enamel Finish, Add* | *395.10* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-71.00* | |
| | | *For >100, Deduct* | *-105.22* | |
| | | *For 2" Thick Door, Add* | *94.32* | |
| | | *For Polystyrene Core, Add* | *126.55* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *316.37* | |
| 08 13 13 13-0091 | EA | 3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,407.02 | 53.68 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *519.86* | |
| | | *For Galvanized Steel Door, Add* | *259.93* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,039.73* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,689.56* | |
| | | *For Embossed Panel Door, Add* | *311.92* | |
| | | *For Baked Enamel Finish, Add* | *406.00* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-73.04* | |
| | | *For >100, Deduct* | *-108.21* | |
| | | *For 2" Thick Door, Add* | *96.91* | |
| | | *For Polystyrene Core, Add* | *129.97* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *324.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0092 | EA | 4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,552.42 | 57.98 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *574.59* | |
| | | *For Galvanized Steel Door, Add* | *287.29* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,149.18* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,867.41* | |
| | | *For Embossed Panel Door, Add* | *344.75* | |
| | | *For Baked Enamel Finish, Add* | *448.33* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-80.52* | |
| | | *For >100, Deduct* | *-119.33* | |
| | | *For 2" Thick Door, Add* | *107.04* | |
| | | *For Polystyrene Core, Add* | *143.65* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *359.12* | |

## 08 13 13 13-0093 7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 13-0094 | EA | 2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,243.31 | 47.24 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *459.53* | |
| | | *For Galvanized Steel Door, Add* | *229.77* | |
| | | *For Type 304 Stainless Steel Door, Add* | *919.06* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,493.48* | |
| | | *For Embossed Panel Door, Add* | *275.72* | |
| | | *For Baked Enamel Finish, Add* | *358.82* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-64.53* | |
| | | *For >100, Deduct* | *-95.61* | |
| | | *For 2" Thick Door, Add* | *85.65* | |
| | | *For Polystyrene Core, Add* | *114.88* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *287.21* | |
| 08 13 13 13-0095 | EA | 2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,243.31 | 47.24 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *459.53* | |
| | | *For Galvanized Steel Door, Add* | *229.77* | |
| | | *For Type 304 Stainless Steel Door, Add* | *919.06* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,493.48* | |
| | | *For Embossed Panel Door, Add* | *275.72* | |
| | | *For Baked Enamel Finish, Add* | *358.82* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-64.53* | |
| | | *For >100, Deduct* | *-95.61* | |
| | | *For 2" Thick Door, Add* | *85.65* | |
| | | *For Polystyrene Core, Add* | *114.88* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *287.21* | |
| 08 13 13 13-0096 | EA | 2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,271.09 | 49.38 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *468.93* | |
| | | *For Galvanized Steel Door, Add* | *234.46* | |
| | | *For Type 304 Stainless Steel Door, Add* | *937.86* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,524.02* | |
| | | *For Embossed Panel Door, Add* | *281.36* | |
| | | *For Baked Enamel Finish, Add* | *366.51* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-66.02* | |
| | | *For >100, Deduct* | *-97.80* | |
| | | *For 2" Thick Door, Add* | *87.46* | |
| | | *For Polystyrene Core, Add* | *117.23* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *293.08* | |
| 08 13 13 13-0097 | EA | 2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,288.59 | 49.38 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *475.93* | |
| | | *For Galvanized Steel Door, Add* | *237.96* | |
| | | *For Type 304 Stainless Steel Door, Add* | *951.86* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,546.77* | |
| | | *For Embossed Panel Door, Add* | *285.56* | |
| | | *For Baked Enamel Finish, Add* | *371.76* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-66.90* | |
| | | *For >100, Deduct* | *-99.11* | |
| | | *For 2" Thick Door, Add* | *88.73* | |
| | | *For Polystyrene Core, Add* | *118.98* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *297.46* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0098 | EA | 2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,297.75 | 50.46 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *478.73* | |
| | | *For Galvanized Steel Door, Add* | *239.37* | |
| | | *For Type 304 Stainless Steel Door, Add* | *957.46* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,555.88* | |
| | | *For Embossed Panel Door, Add* | *287.24* | |
| | | *For Baked Enamel Finish, Add* | *374.19* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-67.41* | |
| | | *For >100, Deduct* | *-99.85* | |
| | | *For 2" Thick Door, Add* | *89.29* | |
| | | *For Polystyrene Core, Add* | *119.68* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *299.21* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *149.60* | |
| | | *For Steel Stiffened, Add* | *299.21* | |
| 08 13 13 13-0099 | EA | 3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,306.87 | 51.53 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *481.52* | |
| | | *For Galvanized Steel Door, Add* | *240.76* | |
| | | *For Type 304 Stainless Steel Door, Add* | *963.05* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,564.95* | |
| | | *For Embossed Panel Door, Add* | *288.91* | |
| | | *For Baked Enamel Finish, Add* | *376.60* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-67.92* | |
| | | *For >100, Deduct* | *-100.59* | |
| | | *For 2" Thick Door, Add* | *89.85* | |
| | | *For Polystyrene Core, Add* | *120.38* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *300.95* | |
| 08 13 13 13-0100 | EA | 3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,397.86 | 51.53 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *517.92* | |
| | | *For Galvanized Steel Door, Add* | *258.96* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,035.84* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,683.24* | |
| | | *For Embossed Panel Door, Add* | *310.75* | |
| | | *For Baked Enamel Finish, Add* | *403.90* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-72.47* | |
| | | *For >100, Deduct* | *-107.42* | |
| | | *For 2" Thick Door, Add* | *96.45* | |
| | | *For Polystyrene Core, Add* | *129.48* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *323.70* | |
| 08 13 13 13-0101 | EA | 3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,437.16 | 53.68 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *531.92* | |
| | | *For Galvanized Steel Door, Add* | *265.96* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,063.84* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,728.74* | |
| | | *For Embossed Panel Door, Add* | *319.15* | |
| | | *For Baked Enamel Finish, Add* | *415.04* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-74.54* | |
| | | *For >100, Deduct* | *-110.47* | |
| | | *For 2" Thick Door, Add* | *99.09* | |
| | | *For Polystyrene Core, Add* | *132.98* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *332.45* | |
| 08 13 13 13-0102 | EA | 4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,585.72 | 57.98 |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *587.91* | |
| | | *For Galvanized Steel Door, Add* | *293.95* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,175.82* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,910.70* | |
| | | *For Embossed Panel Door, Add* | *352.74* | |
| | | *For Baked Enamel Finish, Add* | *458.32* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-82.18* | |
| | | *For >100, Deduct* | *-121.83* | |
| | | *For 2" Thick Door, Add* | *109.46* | |
| | | *For Polystyrene Core, Add* | *146.98* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *367.44* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0103 | | 8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)* | | |
| 08 13 13 13-0104 | EA | 2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,458.01 | 47.24 |
| | | *For Up To 1' Extra Height, Add* | *377.29* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *545.41* | |
| | | *For Galvanized Steel Door, Add* | *272.71* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,090.82* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,772.59* | |
| | | *For Embossed Panel Door, Add* | *327.25* | |
| | | *For Baked Enamel Finish, Add* | *423.23* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-75.26* | |
| | | *For >100, Deduct* | *-111.71* | |
| | | *For 2" Thick Door, Add* | *101.22* | |
| | | *For Polystyrene Core, Add* | *136.35* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *340.88* | |
| 08 13 13 13-0105 | EA | 2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,458.01 | 47.24 |
| | | *For Up To 1' Extra Height, Add* | *377.29* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *545.41* | |
| | | *For Galvanized Steel Door, Add* | *272.71* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,090.82* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,772.59* | |
| | | *For Embossed Panel Door, Add* | *327.25* | |
| | | *For Baked Enamel Finish, Add* | *423.23* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-75.26* | |
| | | *For >100, Deduct* | *-111.71* | |
| | | *For 2" Thick Door, Add* | *101.22* | |
| | | *For Polystyrene Core, Add* | *136.35* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *340.88* | |
| 08 13 13 13-0106 | EA | 2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,490.19 | 49.38 |
| | | *For Up To 1' Extra Height, Add* | *385.01* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *556.57* | |
| | | *For Galvanized Steel Door, Add* | *278.28* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,113.14* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,808.85* | |
| | | *For Embossed Panel Door, Add* | *333.94* | |
| | | *For Baked Enamel Finish, Add* | *432.24* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-76.98* | |
| | | *For >100, Deduct* | *-114.23* | |
| | | *For 2" Thick Door, Add* | *103.35* | |
| | | *For Polystyrene Core, Add* | *139.14* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *347.86* | |
| 08 13 13 13-0107 | EA | 2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,510.96 | 49.38 |
| | | *For Up To 1' Extra Height, Add* | *390.75* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *564.88* | |
| | | *For Galvanized Steel Door, Add* | *282.44* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,129.75* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,835.85* | |
| | | *For Embossed Panel Door, Add* | *338.93* | |
| | | *For Baked Enamel Finish, Add* | *438.47* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-78.02* | |
| | | *For >100, Deduct* | *-115.79* | |
| | | *For 2" Thick Door, Add* | *104.85* | |
| | | *For Polystyrene Core, Add* | *141.22* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *353.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0108 | EA | 2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,521.41 | 50.46 |
| | | *For Up To 1' Extra Height, Add* | *393.05* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *568.20* | |
| | | *For Galvanized Steel Door, Add* | *284.10* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,136.39* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,846.64* | |
| | | *For Embossed Panel Door, Add* | *340.92* | |
| | | *For Baked Enamel Finish, Add* | *441.29* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-78.59* | |
| | | *For >100, Deduct* | *-116.63* | |
| | | *For 2" Thick Door, Add* | *105.51* | |
| | | *For Polystyrene Core, Add* | *142.05* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *355.12* | |
| | | *For Continuously Welded And Filled Vertical Edge Seam, Add* | *177.56* | |
| | | *For Steel Stiffened, Add* | *355.12* | |
| 08 13 13 13-0109 | EA | 3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,531.85 | 51.53 |
| | | *For Up To 1' Extra Height, Add* | *395.35* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *571.52* | |
| | | *For Galvanized Steel Door, Add* | *285.76* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,143.03* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,857.43* | |
| | | *For Embossed Panel Door, Add* | *342.91* | |
| | | *For Baked Enamel Finish, Add* | *444.10* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-79.17* | |
| | | *For >100, Deduct* | *-117.47* | |
| | | *For 2" Thick Door, Add* | *106.16* | |
| | | *For Polystyrene Core, Add* | *142.88* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *357.20* | |
| 08 13 13 13-0110 | EA | 3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,639.85 | 51.53 |
| | | *For Up To 1' Extra Height, Add* | *425.23* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *614.72* | |
| | | *For Galvanized Steel Door, Add* | *307.36* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,229.43* | |
| | | *For Type 316 Stainless Steel Door, Add* | *1,997.83* | |
| | | *For Embossed Panel Door, Add* | *368.83* | |
| | | *For Baked Enamel Finish, Add* | *476.50* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-84.57* | |
| | | *For >100, Deduct* | *-125.57* | |
| | | *For 2" Thick Door, Add* | *113.99* | |
| | | *For Polystyrene Core, Add* | *153.68* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *384.20* | |
| 08 13 13 13-0111 | EA | 3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,685.69 | 53.68 |
| | | *For Up To 1' Extra Height, Add* | *436.72* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *833.20* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *631.33* | |
| | | *For Galvanized Steel Door, Add* | *315.67* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,262.66* | |
| | | *For Type 316 Stainless Steel Door, Add* | *2,051.83* | |
| | | *For Embossed Panel Door, Add* | *378.80* | |
| | | *For Baked Enamel Finish, Add* | *489.60* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-86.97* | |
| | | *For >100, Deduct* | *-129.11* | |
| | | *For 2" Thick Door, Add* | *117.11* | |
| | | *For Polystyrene Core, Add* | *157.83* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *394.58* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 13 13 13-0112 | EA | 4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door | 1,860.41 | 57.98 |
| | | *For Up To 1' Extra Height, Add* | *482.69* | |
| | | *For 1' To 1'-6" Extra Height, Add* | *920.90* | |
| | | *For 14 Gauge, Level 4 Maximum Duty, Add* | *697.78* | |
| | | *For Galvanized Steel Door, Add* | *348.89* | |
| | | *For Type 304 Stainless Steel Door, Add* | *1,395.57* | |
| | | *For Type 316 Stainless Steel Door, Add* | *2,267.80* | |
| | | *For Embossed Panel Door, Add* | *418.67* | |
| | | *For Baked Enamel Finish, Add* | *540.73* | |
| | | *For 20 Minute Fire Rated Door, Add* | *27.63* | |
| | | *For 45 Minute Fire Rated Door, Add* | *41.40* | |
| | | *For 60 Minute Fire Rated Door, Add* | *55.27* | |
| | | *For 90 Minute Fire Rated Door, Add* | *93.38* | |
| | | *For 3 Hour Fire Rated Door, Add* | *131.50* | |
| | | *For >50 To 100, Deduct* | *-95.92* | |
| | | *For >100, Deduct* | *-142.43* | |
| | | *For 2" Thick Door, Add* | *129.37* | |
| | | *For Polystyrene Core, Add* | *174.45* | |
| | | *For Mineral Core, 250 Degree Maximum Temperature Rise, Add* | *436.12* | |

### 08 13 13 53 Custom Hollow Metal Doors *(08 13 13)*

#### 08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door *(08 13 13 53)*

| | | | | |
|---|---|---|---|---|
| 08 13 13 53-0002 | EA | 2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door | 2,645.51 | 107.36 |
| | | *For 16 Gauge Door, Add* | *20.30* | |
| 08 13 13 53-0003 | EA | 2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door | 2,761.51 | 128.83 |
| | | *For 16 Gauge Door, Add* | *20.30* | |

### 08 13 73 Sliding Metal Doors *(08 13)*

#### 08 13 73 00-0001 Sliding Bypass Mirror Doors *(08 13 73)*

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

| | | | | |
|---|---|---|---|---|
| 08 13 73 00-0002 | EA | 4' x 6' 8", Sliding Bypass Mirror Doors | 335.89 | 64.42 |
| 08 13 73 00-0003 | EA | 5' x 6' 8", Sliding Bypass Mirror Doors | 380.48 | 68.72 |
| 08 13 73 00-0004 | EA | 6' x 6' 8", Sliding Bypass Mirror Doors | 425.08 | 73.00 |
| 08 13 73 00-0005 | EA | 8' x 6' 8", Sliding Bypass Mirror Doors | 505.69 | 77.30 |

## 08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

### 08 14 16 Flush Wood Doors *(08 14)*

#### 08 14 16 00-0001 1-3/8" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

#### 08 14 16 00-0002 Birch Faced Wood Door *(08 14 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0003 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 265.50 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.64* | |
| | | *For >100, Deduct* | *-22.27* | |
| 08 14 16 00-0004 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 265.50 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.64* | |
| | | *For >100, Deduct* | *-22.27* | |
| 08 14 16 00-0005 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 281.92 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.57* | |
| | | *For >100, Deduct* | *-23.61* | |
| 08 14 16 00-0006 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 290.83 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.01* | |
| | | *For >100, Deduct* | *-24.28* | |
| 08 14 16 00-0007 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 292.92 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.12* | |
| | | *For >100, Deduct* | *-24.44* | |
| 08 14 16 00-0008 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 298.27 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.49* | |
| | | *For >100, Deduct* | *-24.95* | |
| 08 14 16 00-0009 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 317.32 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.44* | |
| | | *For >100, Deduct* | *-26.38* | |
| 08 14 16 00-0010 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 335.34 | 53.68 |
| | | *For >50 To 100, Deduct* | *-19.45* | |
| | | *For >100, Deduct* | *-27.83* | |
| 08 14 16 00-0011 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 275.47 | 47.24 |
| | | *For >50 To 100, Deduct* | *-16.14* | |
| | | *For >100, Deduct* | *-23.02* | |
| 08 14 16 00-0012 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 275.47 | 47.24 |
| | | *For >50 To 100, Deduct* | *-16.14* | |
| | | *For >100, Deduct* | *-23.02* | |
| 08 14 16 00-0013 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 292.59 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.10* | |
| | | *For >100, Deduct* | *-24.41* | |
| 08 14 16 00-0014 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 302.02 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.57* | |
| | | *For >100, Deduct* | *-25.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0015 | EA | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 304.23 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.68* | |
| | | *For >100, Deduct* | *-25.29* | |
| 08 14 16 00-0016 | EA | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 309.62 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.06* | |
| | | *For >100, Deduct* | *-25.80* | |
| 08 14 16 00-0017 | EA | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 329.79 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.07* | |
| | | *For >100, Deduct* | *-27.31* | |
| 08 14 16 00-0018 | EA | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 348.60 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.11* | |
| | | *For >100, Deduct* | *-28.83* | |
| 08 14 16 00-0019 | EA | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 310.76 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.90* | |
| | | *For >100, Deduct* | *-25.67* | |
| | | *For 9' Door Height, Add* | *45.42* | |
| 08 14 16 00-0020 | EA | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 310.76 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.90* | |
| | | *For >100, Deduct* | *-25.67* | |
| | | *For 9' Door Height, Add* | *45.42* | |
| 08 14 16 00-0021 | EA | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 330.39 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.99* | |
| | | *For >100, Deduct* | *-27.25* | |
| | | *For 9' Door Height, Add* | *48.64* | |
| 08 14 16 00-0022 | EA | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 341.64 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.55* | |
| | | *For >100, Deduct* | *-28.09* | |
| | | *For 9' Door Height, Add* | *51.00* | |
| 08 14 16 00-0023 | EA | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 344.29 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.68* | |
| | | *For >100, Deduct* | *-28.29* | |
| | | *For 9' Door Height, Add* | *51.56* | |
| 08 14 16 00-0024 | EA | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 349.89 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.07* | |
| | | *For >100, Deduct* | *-28.82* | |
| | | *For 9' Door Height, Add* | *51.83* | |
| 08 14 16 00-0025 | EA | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 374.00 | 51.53 |
| | | *For >50 To 100, Deduct* | *-21.28* | |
| | | *For >100, Deduct* | *-30.63* | |
| | | *For 9' Door Height, Add* | *56.90* | |
| 08 14 16 00-0026 | EA | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 395.63 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.47* | |
| | | *For >100, Deduct* | *-32.36* | |
| | | *For 9' Door Height, Add* | *60.54* | |

### 08 14 16 00-0027 Oak Faced Wood Door *(08 14 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0028 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 306.02 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.66* | |
| | | *For >100, Deduct* | *-25.31* | |
| 08 14 16 00-0029 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 306.02 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.66* | |
| | | *For >100, Deduct* | *-25.31* | |
| 08 14 16 00-0030 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 325.30 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.73* | |
| | | *For >100, Deduct* | *-26.87* | |
| 08 14 16 00-0031 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 336.33 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.29* | |
| | | *For >100, Deduct* | *-27.69* | |
| 08 14 16 00-0032 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 338.28 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.38* | |
| | | *For >100, Deduct* | *-27.84* | |
| 08 14 16 00-0033 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 344.51 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.80* | |
| | | *For >100, Deduct* | *-28.41* | |
| 08 14 16 00-0034 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 368.06 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.98* | |
| | | *For >100, Deduct* | *-30.18* | |
| 08 14 16 00-0035 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 389.33 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.15* | |
| | | *For >100, Deduct* | *-31.88* | |
| 08 14 16 00-0036 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 318.33 | 47.24 |
| | | *For >50 To 100, Deduct* | *-18.28* | |
| | | *For >100, Deduct* | *-26.24* | |
| 08 14 16 00-0037 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 318.33 | 47.24 |
| | | *For >50 To 100, Deduct* | *-18.28* | |
| | | *For >100, Deduct* | *-26.24* | |
| 08 14 16 00-0038 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 338.49 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.39* | |
| | | *For >100, Deduct* | *-27.86* | |
| 08 14 16 00-0039 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 350.16 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.98* | |
| | | *For >100, Deduct* | *-28.73* | |
| 08 14 16 00-0040 | EA | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 352.21 | 49.38 |
| | | *For >50 To 100, Deduct* | *-20.08* | |
| | | *For >100, Deduct* | *-28.89* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0041 | EA | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 358.55 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.50* | |
| | | *For >100, Deduct* | *-29.47* | |
| 08 14 16 00-0042 | EA | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 383.48 | 51.53 |
| | | *For >50 To 100, Deduct* | *-21.75* | |
| | | *For >100, Deduct* | *-31.34* | |
| 08 14 16 00-0043 | EA | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 405.74 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.97* | |
| | | *For >100, Deduct* | *-33.11* | |
| 08 14 16 00-0044 | EA | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 361.99 | 47.24 |
| | | *For >50 To 100, Deduct* | *-20.46* | |
| | | *For >100, Deduct* | *-29.51* | |
| | | *For 9' Door Height, Add* | *56.18* | |
| 08 14 16 00-0045 | EA | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 361.99 | 47.24 |
| | | *For >50 To 100, Deduct* | *-20.46* | |
| | | *For >100, Deduct* | *-29.51* | |
| | | *For 9' Door Height, Add* | *56.18* | |
| 08 14 16 00-0046 | EA | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 385.23 | 49.38 |
| | | *For >50 To 100, Deduct* | *-21.73* | |
| | | *For >100, Deduct* | *-31.36* | |
| | | *For 9' Door Height, Add* | *60.16* | |
| 08 14 16 00-0047 | EA | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 399.16 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.43* | |
| | | *For >100, Deduct* | *-32.41* | |
| | | *For 9' Door Height, Add* | *63.08* | |
| 08 14 16 00-0048 | EA | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 401.64 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.55* | |
| | | *For >100, Deduct* | *-32.59* | |
| | | *For 9' Door Height, Add* | *63.60* | |
| 08 14 16 00-0049 | EA | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 408.37 | 51.53 |
| | | *For >50 To 100, Deduct* | *-23.00* | |
| | | *For >100, Deduct* | *-33.20* | |
| | | *For 9' Door Height, Add* | *64.12* | |
| 08 14 16 00-0050 | EA | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 438.17 | 51.53 |
| | | *For >50 To 100, Deduct* | *-24.49* | |
| | | *For >100, Deduct* | *-35.44* | |
| | | *For 9' Door Height, Add* | *70.37* | |
| 08 14 16 00-0051 | EA | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 463.94 | 53.68 |
| | | *For >50 To 100, Deduct* | *-25.88* | |
| | | *For >100, Deduct* | *-37.48* | |
| | | *For 9' Door Height, Add* | *74.88* | |

## 08 14 16 00-0052 Maple Faced Wood Door *(08 14 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0053 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 348.34 | 47.24 |
| | | *For >50 To 100, Deduct* | *-19.78* | |
| | | *For >100, Deduct* | *-28.49* | |
| 08 14 16 00-0054 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 348.34 | 47.24 |
| | | *For >50 To 100, Deduct* | *-19.78* | |
| | | *For >100, Deduct* | *-28.49* | |
| 08 14 16 00-0055 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 370.59 | 49.38 |
| | | *For >50 To 100, Deduct* | *-21.00* | |
| | | *For >100, Deduct* | *-30.26* | |
| 08 14 16 00-0056 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 383.85 | 49.38 |
| | | *For >50 To 100, Deduct* | *-21.66* | |
| | | *For >100, Deduct* | *-31.26* | |
| 08 14 16 00-0057 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 386.19 | 49.38 |
| | | *For >50 To 100, Deduct* | *-21.78* | |
| | | *For >100, Deduct* | *-31.43* | |
| 08 14 16 00-0058 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 392.81 | 51.53 |
| | | *For >50 To 100, Deduct* | *-22.22* | |
| | | *For >100, Deduct* | *-32.04* | |
| 08 14 16 00-0059 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 421.06 | 51.53 |
| | | *For >50 To 100, Deduct* | *-23.63* | |
| | | *For >100, Deduct* | *-34.16* | |
| 08 14 16 00-0060 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 445.73 | 53.68 |
| | | *For >50 To 100, Deduct* | *-24.97* | |
| | | *For >100, Deduct* | *-36.11* | |
| 08 14 16 00-0061 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 363.09 | 47.24 |
| | | *For >50 To 100, Deduct* | *-20.52* | |
| | | *For >100, Deduct* | *-29.59* | |
| 08 14 16 00-0062 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 363.09 | 47.24 |
| | | *For >50 To 100, Deduct* | *-20.52* | |
| | | *For >100, Deduct* | *-29.59* | |
| 08 14 16 00-0063 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 386.43 | 49.38 |
| | | *For >50 To 100, Deduct* | *-21.79* | |
| | | *For >100, Deduct* | *-31.45* | |
| 08 14 16 00-0064 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 400.44 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.49* | |
| | | *For >100, Deduct* | *-32.50* | |
| 08 14 16 00-0065 | EA | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 402.91 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.61* | |
| | | *For >100, Deduct* | *-32.69* | |
| 08 14 16 00-0066 | EA | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 409.64 | 51.53 |
| | | *For >50 To 100, Deduct* | *-23.06* | |
| | | *For >100, Deduct* | *-33.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0067 | EA | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 439.55 | 51.53 |
| | | *For >50 To 100, Deduct* | *-24.55* | |
| | | *For >100, Deduct* | *-35.54* | |
| 08 14 16 00-0068 | EA | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 465.42 | 53.68 |
| | | *For >50 To 100, Deduct* | *-25.96* | |
| | | *For >100, Deduct* | *-37.59* | |
| 08 14 16 00-0069 | EA | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 415.49 | 47.24 |
| | | *For >50 To 100, Deduct* | *-23.14* | |
| | | *For >100, Deduct* | *-33.52* | |
| | | *For 9' Door Height, Add* | *67.41* | |
| 08 14 16 00-0070 | EA | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 415.49 | 47.24 |
| | | *For >50 To 100, Deduct* | *-23.14* | |
| | | *For >100, Deduct* | *-33.52* | |
| | | *For 9' Door Height, Add* | *67.41* | |
| 08 14 16 00-0071 | EA | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 442.51 | 49.38 |
| | | *For >50 To 100, Deduct* | *-24.59* | |
| | | *For >100, Deduct* | *-35.66* | |
| | | *For 9' Door Height, Add* | *72.19* | |
| 08 14 16 00-0072 | EA | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 459.23 | 49.38 |
| | | *For >50 To 100, Deduct* | *-25.43* | |
| | | *For >100, Deduct* | *-36.91* | |
| | | *For 9' Door Height, Add* | *75.70* | |
| 08 14 16 00-0073 | EA | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 462.20 | 49.38 |
| | | *For >50 To 100, Deduct* | *-25.58* | |
| | | *For >100, Deduct* | *-37.13* | |
| | | *For 9' Door Height, Add* | *76.32* | |
| 08 14 16 00-0074 | EA | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 469.43 | 51.53 |
| | | *For >50 To 100, Deduct* | *-26.05* | |
| | | *For >100, Deduct* | *-37.78* | |
| | | *For 9' Door Height, Add* | *76.94* | |
| 08 14 16 00-0075 | EA | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 505.21 | 51.53 |
| | | *For >50 To 100, Deduct* | *-27.84* | |
| | | *For >100, Deduct* | *-40.47* | |
| | | *For 9' Door Height, Add* | *84.45* | |
| 08 14 16 00-0076 | EA | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 535.25 | 53.68 |
| | | *For >50 To 100, Deduct* | *-29.45* | |
| | | *For >100, Deduct* | *-42.83* | |
| | | *For 9' Door Height, Add* | *89.86* | |

### 08 14 16 00-0077 Lauan Faced Wood Doors *(08 14 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0078 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 222.37 | 47.24 |
| | | *For >50 To 100, Deduct* | *-13.48* | |
| | | *For >100, Deduct* | *-19.04* | |
| 08 14 16 00-0079 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 222.37 | 47.24 |
| | | *For >50 To 100, Deduct* | *-13.48* | |
| | | *For >100, Deduct* | *-19.04* | |
| 08 14 16 00-0080 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 235.32 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.24* | |
| | | *For >100, Deduct* | *-20.12* | |
| 08 14 16 00-0081 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 242.64 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.60* | |
| | | *For >100, Deduct* | *-20.67* | |
| 08 14 16 00-0082 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 245.22 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.73* | |
| | | *For >100, Deduct* | *-20.86* | |
| 08 14 16 00-0083 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 252.09 | 51.53 |
| | | *For >50 To 100, Deduct* | *-15.18* | |
| | | *For >100, Deduct* | *-21.48* | |
| 08 14 16 00-0084 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 266.34 | 51.53 |
| | | *For >50 To 100, Deduct* | *-15.89* | |
| | | *For >100, Deduct* | *-22.55* | |
| 08 14 16 00-0085 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 281.10 | 53.68 |
| | | *For >50 To 100, Deduct* | *-16.74* | |
| | | *For >100, Deduct* | *-23.77* | |
| 08 14 16 00-0086 | EA | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 229.80 | 47.24 |
| | | *For >50 To 100, Deduct* | *-13.85* | |
| | | *For >100, Deduct* | *-19.60* | |
| 08 14 16 00-0087 | EA | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 229.79 | 47.24 |
| | | *For >50 To 100, Deduct* | *-13.85* | |
| | | *For >100, Deduct* | *-19.60* | |
| 08 14 16 00-0088 | EA | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 243.27 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.63* | |
| | | *For >100, Deduct* | *-20.71* | |
| 08 14 16 00-0089 | EA | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 251.01 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.02* | |
| | | *For >100, Deduct* | *-21.30* | |
| 08 14 16 00-0090 | EA | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 253.74 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.16* | |
| | | *For >100, Deduct* | *-21.50* | |
| 08 14 16 00-0091 | EA | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 260.76 | 51.53 |
| | | *For >50 To 100, Deduct* | *-15.61* | |
| | | *For >100, Deduct* | *-22.13* | |
| 08 14 16 00-0092 | EA | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 275.84 | 51.53 |
| | | *For >50 To 100, Deduct* | *-16.37* | |
| | | *For >100, Deduct* | *-23.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0093 | EA | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 291.20 | 53.68 |
| | | *For >50 To 100, Deduct* | *-17.24* | |
| | | *For >100, Deduct* | *-24.52* | |
| 08 14 16 00-0094 | EA | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 256.20 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.17* | |
| | | *For >100, Deduct* | *-21.58* | |
| | | *For 9' Door Height, Add* | *33.96* | |
| 08 14 16 00-0095 | EA | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 256.17 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.17* | |
| | | *For >100, Deduct* | *-21.57* | |
| | | *For 9' Door Height, Add* | *33.95* | |
| 08 14 16 00-0096 | EA | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 271.45 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.04* | |
| | | *For >100, Deduct* | *-22.83* | |
| | | *For 9' Door Height, Add* | *36.26* | |
| 08 14 16 00-0097 | EA | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 280.68 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.50* | |
| | | *For >100, Deduct* | *-23.52* | |
| | | *For 9' Door Height, Add* | *38.20* | |
| 08 14 16 00-0098 | EA | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 283.97 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.67* | |
| | | *For >100, Deduct* | *-23.77* | |
| | | *For 9' Door Height, Add* | *38.89* | |
| 08 14 16 00-0099 | EA | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 291.51 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.15* | |
| | | *For >100, Deduct* | *-24.44* | |
| | | *For 9' Door Height, Add* | *39.57* | |
| 08 14 16 00-0100 | EA | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 309.54 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.05* | |
| | | *For >100, Deduct* | *-25.79* | |
| | | *For 9' Door Height, Add* | *43.36* | |
| 08 14 16 00-0101 | EA | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 327.03 | 53.68 |
| | | *For >50 To 100, Deduct* | *-19.04* | |
| | | *For >100, Deduct* | *-27.21* | |
| | | *For 9' Door Height, Add* | *46.13* | |

### 08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0103 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 225.83 | 47.24 |
| | | *For >50 To 100, Deduct* | *-13.65* | |
| | | *For >100, Deduct* | *-19.30* | |
| 08 14 16 00-0104 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 225.83 | 47.24 |
| | | *For >50 To 100, Deduct* | *-13.65* | |
| | | *For >100, Deduct* | *-19.30* | |
| 08 14 16 00-0105 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 239.70 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.45* | |
| | | *For >100, Deduct* | *-20.45* | |
| 08 14 16 00-0106 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 244.23 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.68* | |
| | | *For >100, Deduct* | *-20.79* | |
| 08 14 16 00-0107 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 248.79 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.91* | |
| | | *For >100, Deduct* | *-21.13* | |
| 08 14 16 00-0108 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 257.61 | 51.53 |
| | | *For >50 To 100, Deduct* | *-15.46* | |
| | | *For >100, Deduct* | *-21.90* | |
| 08 14 16 00-0109 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 274.61 | 51.53 |
| | | *For >50 To 100, Deduct* | *-16.31* | |
| | | *For >100, Deduct* | *-23.17* | |
| 08 14 16 00-0110 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 289.87 | 53.68 |
| | | *For >50 To 100, Deduct* | *-17.18* | |
| | | *For >100, Deduct* | *-24.42* | |
| 08 14 16 00-0111 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 233.47 | 47.24 |
| | | *For >50 To 100, Deduct* | *-14.04* | |
| | | *For >100, Deduct* | *-19.87* | |
| 08 14 16 00-0112 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 233.47 | 47.24 |
| | | *For >50 To 100, Deduct* | *-14.04* | |
| | | *For >100, Deduct* | *-19.87* | |
| 08 14 16 00-0113 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 247.89 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.86* | |
| | | *For >100, Deduct* | *-21.06* | |
| 08 14 16 00-0114 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 252.70 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.10* | |
| | | *For >100, Deduct* | *-21.42* | |
| 08 14 16 00-0115 | EA | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 257.52 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.35* | |
| | | *For >100, Deduct* | *-21.78* | |
| 08 14 16 00-0116 | EA | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 266.61 | 51.53 |
| | | *For >50 To 100, Deduct* | *-15.91* | |
| | | *For >100, Deduct* | *-22.57* | |
| 08 14 16 00-0117 | EA | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 284.60 | 51.53 |
| | | *For >50 To 100, Deduct* | *-16.81* | |
| | | *For >100, Deduct* | *-23.92* | |
| 08 14 16 00-0118 | EA | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 300.50 | 53.68 |
| | | *For >50 To 100, Deduct* | *-17.71* | |
| | | *For >100, Deduct* | *-25.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0119 | EA | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 260.55 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.39* | |
| | | *For >100, Deduct* | *-21.90* | |
| | | *For 9' Door Height, Add* | *34.87* | |
| 08 14 16 00-0120 | EA | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 260.59 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.39* | |
| | | *For >100, Deduct* | *-21.91* | |
| | | *For 9' Door Height, Add* | *34.88* | |
| 08 14 16 00-0121 | EA | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 276.97 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.32* | |
| | | *For >100, Deduct* | *-23.24* | |
| | | *For 9' Door Height, Add* | *37.42* | |
| 08 14 16 00-0122 | EA | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 282.73 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.61* | |
| | | *For >100, Deduct* | *-23.67* | |
| | | *For 9' Door Height, Add* | *38.63* | |
| 08 14 16 00-0123 | EA | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 288.50 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.89* | |
| | | *For >100, Deduct* | *-24.11* | |
| | | *For 9' Door Height, Add* | *39.84* | |
| 08 14 16 00-0124 | EA | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 298.51 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.50* | |
| | | *For >100, Deduct* | *-24.96* | |
| | | *For 9' Door Height, Add* | *41.04* | |
| 08 14 16 00-0125 | EA | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 320.01 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.58* | |
| | | *For >100, Deduct* | *-26.58* | |
| | | *For 9' Door Height, Add* | *45.56* | |
| 08 14 16 00-0126 | EA | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 338.17 | 53.68 |
| | | *For >50 To 100, Deduct* | *-19.59* | |
| | | *For >100, Deduct* | *-28.05* | |
| | | *For 9' Door Height, Add* | *48.47* | |

### 08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

### 08 14 16 00-0128 Birch Faced Wood Doors *(08 14 16 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0129 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 308.25 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.77* | |
| | | *For >100, Deduct* | *-25.48* | |
| 08 14 16 00-0130 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 308.25 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.77* | |
| | | *For >100, Deduct* | *-25.48* | |
| 08 14 16 00-0131 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 320.60 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.50* | |
| | | *For >100, Deduct* | *-26.51* | |
| 08 14 16 00-0132 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 323.61 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.65* | |
| | | *For >100, Deduct* | *-26.74* | |
| 08 14 16 00-0133 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 330.18 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.98* | |
| | | *For >100, Deduct* | *-27.23* | |
| 08 14 16 00-0134 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 341.05 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.63* | |
| | | *For >100, Deduct* | *-28.16* | |
| 08 14 16 00-0135 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 375.95 | 51.53 |
| | | *For >50 To 100, Deduct* | *-21.37* | |
| | | *For >100, Deduct* | *-30.77* | |
| 08 14 16 00-0136 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 451.07 | 53.68 |
| | | *For >50 To 100, Deduct* | *-25.24* | |
| | | *For >100, Deduct* | *-36.51* | |
| 08 14 16 00-0137 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 468.25 | 53.68 |
| | | *For >50 To 100, Deduct* | *-26.10* | |
| | | *For >100, Deduct* | *-37.80* | |
| 08 14 16 00-0138 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 502.62 | 53.68 |
| | | *For >50 To 100, Deduct* | *-27.82* | |
| | | *For >100, Deduct* | *-40.38* | |
| 08 14 16 00-0139 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 320.70 | 47.24 |
| | | *For >50 To 100, Deduct* | *-18.40* | |
| | | *For >100, Deduct* | *-26.41* | |
| 08 14 16 00-0140 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 320.69 | 47.24 |
| | | *For >50 To 100, Deduct* | *-18.40* | |
| | | *For >100, Deduct* | *-26.41* | |
| 08 14 16 00-0141 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 333.51 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.14* | |
| | | *For >100, Deduct* | *-27.48* | |
| 08 14 16 00-0142 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 336.69 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.30* | |
| | | *For >100, Deduct* | *-27.72* | |
| 08 14 16 00-0143 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 343.65 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.65* | |
| | | *For >100, Deduct* | *-28.24* | |
| 08 14 16 00-0144 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 354.89 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.32* | |
| | | *For >100, Deduct* | *-29.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0145 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 391.83 | 51.53 |
| | | *For >50 To 100, Deduct* | *-22.17* | |
| | | *For >100, Deduct* | *-31.96* | |
| 08 14 16 00-0146 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 471.08 | 53.68 |
| | | *For >50 To 100, Deduct* | *-26.24* | |
| | | *For >100, Deduct* | *-38.02* | |
| 08 14 16 00-0147 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 489.25 | 53.68 |
| | | *For >50 To 100, Deduct* | *-27.15* | |
| | | *For >100, Deduct* | *-39.38* | |
| 08 14 16 00-0148 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 525.63 | 53.68 |
| | | *For >50 To 100, Deduct* | *-28.97* | |
| | | *For >100, Deduct* | *-42.11* | |
| 08 14 16 00-0149 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 364.82 | 47.24 |
| | | *For >50 To 100, Deduct* | *-20.60* | |
| | | *For >100, Deduct* | *-29.72* | |
| | | *For 9' Door Height, Add* | *56.77* | |
| 08 14 16 00-0150 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 364.82 | 47.24 |
| | | *For >50 To 100, Deduct* | *-20.60* | |
| | | *For >100, Deduct* | *-29.72* | |
| | | *For 9' Door Height, Add* | *56.77* | |
| 08 14 16 00-0151 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 379.29 | 49.38 |
| | | *For >50 To 100, Deduct* | *-21.43* | |
| | | *For >100, Deduct* | *-30.92* | |
| | | *For 9' Door Height, Add* | *58.91* | |
| 08 14 16 00-0152 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 383.08 | 49.38 |
| | | *For >50 To 100, Deduct* | *-21.62* | |
| | | *For >100, Deduct* | *-31.20* | |
| | | *For 9' Door Height, Add* | *59.71* | |
| 08 14 16 00-0153 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 391.42 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.04* | |
| | | *For >100, Deduct* | *-31.83* | |
| | | *For 9' Door Height, Add* | *61.46* | |
| 08 14 16 00-0154 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 403.98 | 51.53 |
| | | *For >50 To 100, Deduct* | *-22.78* | |
| | | *For >100, Deduct* | *-32.88* | |
| | | *For 9' Door Height, Add* | *63.19* | |
| 08 14 16 00-0155 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 448.14 | 51.53 |
| | | *For >50 To 100, Deduct* | *-24.98* | |
| | | *For >100, Deduct* | *-36.19* | |
| | | *For 9' Door Height, Add* | *72.47* | |
| 08 14 16 00-0156 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 542.00 | 53.68 |
| | | *For >50 To 100, Deduct* | *-29.78* | |
| | | *For >100, Deduct* | *-43.33* | |
| | | *For 9' Door Height, Add* | *91.27* | |
| 08 14 16 00-0157 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 563.71 | 53.68 |
| | | *For >50 To 100, Deduct* | *-30.87* | |
| | | *For >100, Deduct* | *-44.96* | |
| | | *For 9' Door Height, Add* | *95.83* | |
| 08 14 16 00-0158 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door | 607.20 | 53.68 |
| | | *For >50 To 100, Deduct* | *-33.04* | |
| | | *For >100, Deduct* | *-48.22* | |
| | | *For 9' Door Height, Add* | *104.97* | |

### 08 14 16 00-0159 Oak Faced Wood Doors *(08 14 16 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0160 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 375.78 | 47.24 |
| | | *For >50 To 100, Deduct* | *-21.15* | |
| | | *For >100, Deduct* | *-30.55* | |
| 08 14 16 00-0161 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 375.78 | 47.24 |
| | | *For >50 To 100, Deduct* | *-21.15* | |
| | | *For >100, Deduct* | *-30.55* | |
| 08 14 16 00-0162 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 390.64 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.00* | |
| | | *For >100, Deduct* | *-31.77* | |
| 08 14 16 00-0163 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 394.60 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.20* | |
| | | *For >100, Deduct* | *-32.06* | |
| 08 14 16 00-0164 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 403.26 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.63* | |
| | | *For >100, Deduct* | *-32.71* | |
| 08 14 16 00-0165 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 416.18 | 51.53 |
| | | *For >50 To 100, Deduct* | *-23.39* | |
| | | *For >100, Deduct* | *-33.79* | |
| 08 14 16 00-0166 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 462.11 | 51.53 |
| | | *For >50 To 100, Deduct* | *-25.68* | |
| | | *For >100, Deduct* | *-37.23* | |
| 08 14 16 00-0167 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 559.61 | 53.68 |
| | | *For >50 To 100, Deduct* | *-30.66* | |
| | | *For >100, Deduct* | *-44.65* | |
| 08 14 16 00-0168 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 582.24 | 53.68 |
| | | *For >50 To 100, Deduct* | *-31.80* | |
| | | *For >100, Deduct* | *-46.35* | |
| 08 14 16 00-0169 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 627.50 | 53.68 |
| | | *For >50 To 100, Deduct* | *-34.06* | |
| | | *For >100, Deduct* | *-49.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0170 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 392.14 | 47.24 |
| | | *For >50 To 100, Deduct* | *-21.97* | |
| | | *For >100, Deduct* | *-31.77* | |
| 08 14 16 00-0171 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 392.15 | 47.24 |
| | | *For >50 To 100, Deduct* | *-21.97* | |
| | | *For >100, Deduct* | *-31.77* | |
| 08 14 16 00-0172 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 407.63 | 49.38 |
| | | *For >50 To 100, Deduct* | *-22.85* | |
| | | *For >100, Deduct* | *-33.04* | |
| 08 14 16 00-0173 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 411.82 | 49.38 |
| | | *For >50 To 100, Deduct* | *-23.06* | |
| | | *For >100, Deduct* | *-33.36* | |
| 08 14 16 00-0174 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 420.98 | 49.38 |
| | | *For >50 To 100, Deduct* | *-23.52* | |
| | | *For >100, Deduct* | *-34.04* | |
| 08 14 16 00-0175 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 434.40 | 51.53 |
| | | *For >50 To 100, Deduct* | *-24.30* | |
| | | *For >100, Deduct* | *-35.16* | |
| 08 14 16 00-0176 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 483.01 | 51.53 |
| | | *For >50 To 100, Deduct* | *-26.73* | |
| | | *For >100, Deduct* | *-38.80* | |
| 08 14 16 00-0177 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 585.94 | 53.68 |
| | | *For >50 To 100, Deduct* | *-31.98* | |
| | | *For >100, Deduct* | *-46.63* | |
| 08 14 16 00-0178 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 609.89 | 53.68 |
| | | *For >50 To 100, Deduct* | *-33.18* | |
| | | *For >100, Deduct* | *-48.43* | |
| 08 14 16 00-0179 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 657.76 | 53.68 |
| | | *For >50 To 100, Deduct* | *-35.57* | |
| | | *For >100, Deduct* | *-52.02* | |
| 08 14 16 00-0180 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 450.17 | 47.24 |
| | | *For >50 To 100, Deduct* | *-24.87* | |
| | | *For >100, Deduct* | *-36.12* | |
| | | *For 9' Door Height, Add* | *74.69* | |
| 08 14 16 00-0181 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 450.21 | 47.24 |
| | | *For >50 To 100, Deduct* | *-24.87* | |
| | | *For >100, Deduct* | *-36.13* | |
| | | *For 9' Door Height, Add* | *74.70* | |
| 08 14 16 00-0182 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 467.86 | 49.38 |
| | | *For >50 To 100, Deduct* | *-25.86* | |
| | | *For >100, Deduct* | *-37.56* | |
| | | *For 9' Door Height, Add* | *77.51* | |
| 08 14 16 00-0183 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 472.85 | 49.38 |
| | | *For >50 To 100, Deduct* | *-26.11* | |
| | | *For >100, Deduct* | *-37.93* | |
| | | *For 9' Door Height, Add* | *78.56* | |
| 08 14 16 00-0184 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 483.81 | 49.38 |
| | | *For >50 To 100, Deduct* | *-26.66* | |
| | | *For >100, Deduct* | *-38.76* | |
| | | *For 9' Door Height, Add* | *80.86* | |
| 08 14 16 00-0185 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 499.02 | 51.53 |
| | | *For >50 To 100, Deduct* | *-27.53* | |
| | | *For >100, Deduct* | *-40.00* | |
| | | *For 9' Door Height, Add* | *83.15* | |
| 08 14 16 00-0186 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 557.11 | 51.53 |
| | | *For >50 To 100, Deduct* | *-30.43* | |
| | | *For >100, Deduct* | *-44.36* | |
| | | *For 9' Door Height, Add* | *95.35* | |
| 08 14 16 00-0187 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 679.26 | 53.68 |
| | | *For >50 To 100, Deduct* | *-36.65* | |
| | | *For >100, Deduct* | *-53.63* | |
| | | *For 9' Door Height, Add* | *120.10* | |
| 08 14 16 00-0188 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 707.90 | 53.68 |
| | | *For >50 To 100, Deduct* | *-38.08* | |
| | | *For >100, Deduct* | *-55.78* | |
| | | *For 9' Door Height, Add* | *126.11* | |
| 08 14 16 00-0189 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | 765.11 | 53.68 |
| | | *For >50 To 100, Deduct* | *-40.94* | |
| | | *For >100, Deduct* | *-60.07* | |
| | | *For 9' Door Height, Add* | *138.13* | |

## 08 14 16 00-0190 Maple Faced Wood Doors *(08 14 16 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0191 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 432.03 | 47.24 |
| | | *For >50 To 100, Deduct* | *-23.96* | |
| | | *For >100, Deduct* | *-34.76* | |
| 08 14 16 00-0192 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 432.03 | 47.24 |
| | | *For >50 To 100, Deduct* | *-23.96* | |
| | | *For >100, Deduct* | *-34.76* | |
| 08 14 16 00-0193 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 449.02 | 49.38 |
| | | *For >50 To 100, Deduct* | *-24.92* | |
| | | *For >100, Deduct* | *-36.15* | |
| 08 14 16 00-0194 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 453.97 | 49.38 |
| | | *For >50 To 100, Deduct* | *-25.17* | |
| | | *For >100, Deduct* | *-36.52* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0195 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 464.26 | 49.38 |
| | | *For >50 To 100, Deduct* | *-25.68* | |
| | | *For >100, Deduct* | *-37.29* | |
| 08 14 16 00-0196 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 478.80 | 51.53 |
| | | *For >50 To 100, Deduct* | *-26.52* | |
| | | *For >100, Deduct* | *-38.49* | |
| 08 14 16 00-0197 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 533.92 | 51.53 |
| | | *For >50 To 100, Deduct* | *-29.27* | |
| | | *For >100, Deduct* | *-42.62* | |
| 08 14 16 00-0198 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 623.08 | 53.68 |
| | | *For >50 To 100, Deduct* | *-33.84* | |
| | | *For >100, Deduct* | *-49.42* | |
| 08 14 16 00-0199 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 677.21 | 53.68 |
| | | *For >50 To 100, Deduct* | *-36.54* | |
| | | *For >100, Deduct* | *-53.47* | |
| 08 14 16 00-0200 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 731.52 | 53.68 |
| | | *For >50 To 100, Deduct* | *-39.26* | |
| | | *For >100, Deduct* | *-57.55* | |
| 08 14 16 00-0201 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 451.69 | 47.24 |
| | | *For >50 To 100, Deduct* | *-24.95* | |
| | | *For >100, Deduct* | *-36.24* | |
| 08 14 16 00-0202 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 451.69 | 47.24 |
| | | *For >50 To 100, Deduct* | *-24.95* | |
| | | *For >100, Deduct* | *-36.24* | |
| 08 14 16 00-0203 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 469.38 | 49.38 |
| | | *For >50 To 100, Deduct* | *-25.94* | |
| | | *For >100, Deduct* | *-37.67* | |
| 08 14 16 00-0204 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 474.65 | 49.38 |
| | | *For >50 To 100, Deduct* | *-26.20* | |
| | | *For >100, Deduct* | *-38.07* | |
| 08 14 16 00-0205 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 485.50 | 49.38 |
| | | *For >50 To 100, Deduct* | *-26.74* | |
| | | *For >100, Deduct* | *-38.88* | |
| 08 14 16 00-0206 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 500.65 | 51.53 |
| | | *For >50 To 100, Deduct* | *-27.61* | |
| | | *For >100, Deduct* | *-40.13* | |
| 08 14 16 00-0207 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 558.99 | 51.53 |
| | | *For >50 To 100, Deduct* | *-30.53* | |
| | | *For >100, Deduct* | *-44.50* | |
| 08 14 16 00-0208 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 652.95 | 53.68 |
| | | *For >50 To 100, Deduct* | *-35.33* | |
| | | *For >100, Deduct* | *-51.66* | |
| 08 14 16 00-0209 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 710.41 | 53.68 |
| | | *For >50 To 100, Deduct* | *-38.20* | |
| | | *For >100, Deduct* | *-55.96* | |
| 08 14 16 00-0210 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 767.83 | 53.68 |
| | | *For >50 To 100, Deduct* | *-41.08* | |
| | | *For >100, Deduct* | *-60.27* | |
| 08 14 16 00-0211 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 521.35 | 47.24 |
| | | *For >50 To 100, Deduct* | *-28.43* | |
| | | *For >100, Deduct* | *-41.46* | |
| | | *For 9' Door Height, Add* | *89.64* | |
| 08 14 16 00-0212 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 521.35 | 47.24 |
| | | *For >50 To 100, Deduct* | *-28.43* | |
| | | *For >100, Deduct* | *-41.46* | |
| | | *For 9' Door Height, Add* | *89.64* | |
| 08 14 16 00-0213 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 541.65 | 49.38 |
| | | *For >50 To 100, Deduct* | *-29.55* | |
| | | *For >100, Deduct* | *-43.09* | |
| | | *For 9' Door Height, Add* | *93.00* | |
| 08 14 16 00-0214 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 547.95 | 49.38 |
| | | *For >50 To 100, Deduct* | *-29.87* | |
| | | *For >100, Deduct* | *-43.57* | |
| | | *For 9' Door Height, Add* | *94.33* | |
| 08 14 16 00-0215 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 560.89 | 49.38 |
| | | *For >50 To 100, Deduct* | *-30.51* | |
| | | *For >100, Deduct* | *-44.54* | |
| | | *For 9' Door Height, Add* | *97.05* | |
| 08 14 16 00-0216 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 578.19 | 51.53 |
| | | *For >50 To 100, Deduct* | *-31.49* | |
| | | *For >100, Deduct* | *-45.94* | |
| | | *For 9' Door Height, Add* | *99.78* | |
| 08 14 16 00-0217 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 647.88 | 51.53 |
| | | *For >50 To 100, Deduct* | *-34.97* | |
| | | *For >100, Deduct* | *-51.17* | |
| | | *For 9' Door Height, Add* | *114.41* | |
| 08 14 16 00-0218 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 759.38 | 53.68 |
| | | *For >50 To 100, Deduct* | *-40.65* | |
| | | *For >100, Deduct* | *-59.64* | |
| | | *For 9' Door Height, Add* | *136.92* | |
| 08 14 16 00-0219 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 828.01 | 53.68 |
| | | *For >50 To 100, Deduct* | *-44.08* | |
| | | *For >100, Deduct* | *-64.78* | |
| | | *For 9' Door Height, Add* | *151.34* | |
| 08 14 16 00-0220 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | 896.67 | 53.68 |
| | | *For >50 To 100, Deduct* | *-47.52* | |
| | | *For >100, Deduct* | *-69.93* | |
| | | *For 9' Door Height, Add* | *165.76* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0221 | | Walnut Faced Wood Doors *(08 14 16 00-0127)* | | |
| 08 14 16 00-0222 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 475.56 | 47.24 |
| | | *For >50 To 100, Deduct* | *-26.14* | |
| | | *For >100, Deduct* | *-38.03* | |
| 08 14 16 00-0223 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 475.56 | 47.24 |
| | | *For >50 To 100, Deduct* | *-26.14* | |
| | | *For >100, Deduct* | *-38.03* | |
| 08 14 16 00-0224 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 482.50 | 49.38 |
| | | *For >50 To 100, Deduct* | *-26.59* | |
| | | *For >100, Deduct* | *-38.66* | |
| 08 14 16 00-0225 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 499.40 | 49.38 |
| | | *For >50 To 100, Deduct* | *-27.44* | |
| | | *For >100, Deduct* | *-39.92* | |
| 08 14 16 00-0226 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 501.98 | 49.38 |
| | | *For >50 To 100, Deduct* | *-27.57* | |
| | | *For >100, Deduct* | *-40.12* | |
| 08 14 16 00-0227 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 508.85 | 51.53 |
| | | *For >50 To 100, Deduct* | *-28.02* | |
| | | *For >100, Deduct* | *-40.74* | |
| 08 14 16 00-0228 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 554.14 | 51.53 |
| | | *For >50 To 100, Deduct* | *-30.28* | |
| | | *For >100, Deduct* | *-44.14* | |
| 08 14 16 00-0229 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 675.37 | 53.68 |
| | | *For >50 To 100, Deduct* | *-36.45* | |
| | | *For >100, Deduct* | *-53.34* | |
| 08 14 16 00-0230 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 703.76 | 53.68 |
| | | *For >50 To 100, Deduct* | *-37.87* | |
| | | *For >100, Deduct* | *-55.47* | |
| 08 14 16 00-0231 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 760.62 | 53.68 |
| | | *For >50 To 100, Deduct* | *-40.72* | |
| | | *For >100, Deduct* | *-59.73* | |
| 08 14 16 00-0232 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 497.73 | 47.24 |
| | | *For >50 To 100, Deduct* | *-27.25* | |
| | | *For >100, Deduct* | *-39.69* | |
| 08 14 16 00-0233 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 497.73 | 47.24 |
| | | *For >50 To 100, Deduct* | *-27.25* | |
| | | *For >100, Deduct* | *-39.69* | |
| 08 14 16 00-0234 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 504.85 | 49.38 |
| | | *For >50 To 100, Deduct* | *-27.71* | |
| | | *For >100, Deduct* | *-40.33* | |
| 08 14 16 00-0235 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 522.70 | 49.38 |
| | | *For >50 To 100, Deduct* | *-28.60* | |
| | | *For >100, Deduct* | *-41.67* | |
| 08 14 16 00-0236 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 525.46 | 49.38 |
| | | *For >50 To 100, Deduct* | *-28.74* | |
| | | *For >100, Deduct* | *-41.88* | |
| 08 14 16 00-0237 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 532.47 | 51.53 |
| | | *For >50 To 100, Deduct* | *-29.20* | |
| | | *For >100, Deduct* | *-42.51* | |
| 08 14 16 00-0238 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 580.38 | 51.53 |
| | | *For >50 To 100, Deduct* | *-31.60* | |
| | | *For >100, Deduct* | *-46.11* | |
| 08 14 16 00-0239 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 708.43 | 53.68 |
| | | *For >50 To 100, Deduct* | *-38.11* | |
| | | *For >100, Deduct* | *-55.82* | |
| 08 14 16 00-0240 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 738.48 | 53.68 |
| | | *For >50 To 100, Deduct* | *-39.61* | |
| | | *For >100, Deduct* | *-58.07* | |
| 08 14 16 00-0241 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 798.62 | 53.68 |
| | | *For >50 To 100, Deduct* | *-42.62* | |
| | | *For >100, Deduct* | *-62.58* | |
| 08 14 16 00-0242 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 576.36 | 47.24 |
| | | *For >50 To 100, Deduct* | *-31.18* | |
| | | *For >100, Deduct* | *-45.59* | |
| | | *For 9' Door Height, Add* | *101.19* | |
| 08 14 16 00-0243 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 576.36 | 47.24 |
| | | *For >50 To 100, Deduct* | *-31.18* | |
| | | *For >100, Deduct* | *-45.59* | |
| | | *For 9' Door Height, Add* | *101.19* | |
| 08 14 16 00-0244 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 584.04 | 49.38 |
| | | *For >50 To 100, Deduct* | *-31.67* | |
| | | *For >100, Deduct* | *-46.27* | |
| | | *For 9' Door Height, Add* | *101.91* | |
| 08 14 16 00-0245 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 605.37 | 49.38 |
| | | *For >50 To 100, Deduct* | *-32.74* | |
| | | *For >100, Deduct* | *-47.87* | |
| | | *For 9' Door Height, Add* | *106.39* | |
| 08 14 16 00-0246 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 608.65 | 49.38 |
| | | *For >50 To 100, Deduct* | *-32.90* | |
| | | *For >100, Deduct* | *-48.12* | |
| | | *For 9' Door Height, Add* | *107.07* | |
| 08 14 16 00-0247 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 616.20 | 51.53 |
| | | *For >50 To 100, Deduct* | *-33.39* | |
| | | *For >100, Deduct* | *-48.79* | |
| | | *For 9' Door Height, Add* | *107.76* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0248 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 673.47 | 51.53 |
| | | *For >50 To 100, Deduct* | *-36.25* | |
| | | *For >100, Deduct* | *-53.09* | |
| | | *For 9' Door Height, Add* | *119.79* | |
| 08 14 16 00-0249 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 825.64 | 53.68 |
| | | *For >50 To 100, Deduct* | *-43.97* | |
| | | *For >100, Deduct* | *-64.61* | |
| | | *For 9' Door Height, Add* | *150.84* | |
| 08 14 16 00-0250 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 861.56 | 53.68 |
| | | *For >50 To 100, Deduct* | *-45.76* | |
| | | *For >100, Deduct* | *-67.30* | |
| | | *For 9' Door Height, Add* | *158.38* | |
| 08 14 16 00-0251 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door | 933.41 | 53.68 |
| | | *For >50 To 100, Deduct* | *-49.35* | |
| | | *For >100, Deduct* | *-72.69* | |
| | | *For 9' Door Height, Add* | *173.47* | |

## 08 14 16 00-0252 Lauan Faced Wood Doors *(08 14 16 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0253 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 256.95 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.21* | |
| | | *For >100, Deduct* | *-21.63* | |
| 08 14 16 00-0254 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 256.95 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.21* | |
| | | *For >100, Deduct* | *-21.63* | |
| 08 14 16 00-0255 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 272.41 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.09* | |
| | | *For >100, Deduct* | *-22.90* | |
| 08 14 16 00-0256 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 281.49 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.54* | |
| | | *For >100, Deduct* | *-23.58* | |
| 08 14 16 00-0257 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 283.30 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.63* | |
| | | *For >100, Deduct* | *-23.72* | |
| 08 14 16 00-0258 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 289.39 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.05* | |
| | | *For >100, Deduct* | *-24.28* | |
| 08 14 16 00-0259 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 309.86 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.07* | |
| | | *For >100, Deduct* | *-25.82* | |
| 08 14 16 00-0260 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 340.57 | 53.68 |
| | | *For >50 To 100, Deduct* | *-19.71* | |
| | | *For >100, Deduct* | *-28.23* | |
| 08 14 16 00-0261 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 352.21 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.29* | |
| | | *For >100, Deduct* | *-29.10* | |
| 08 14 16 00-0262 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 375.54 | 53.68 |
| | | *For >50 To 100, Deduct* | *-21.46* | |
| | | *For >100, Deduct* | *-30.85* | |
| 08 14 16 00-0263 | EA | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 266.39 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.68* | |
| | | *For >100, Deduct* | *-22.34* | |
| 08 14 16 00-0264 | EA | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 266.39 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.68* | |
| | | *For >100, Deduct* | *-22.34* | |
| 08 14 16 00-0265 | EA | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 282.52 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.60* | |
| | | *For >100, Deduct* | *-23.66* | |
| 08 14 16 00-0266 | EA | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 292.14 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.08* | |
| | | *For >100, Deduct* | *-24.38* | |
| 08 14 16 00-0267 | EA | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 294.05 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.17* | |
| | | *For >100, Deduct* | *-24.52* | |
| 08 14 16 00-0268 | EA | 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 300.23 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.59* | |
| | | *For >100, Deduct* | *-25.09* | |
| 08 14 16 00-0269 | EA | 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 321.91 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.67* | |
| | | *For >100, Deduct* | *-26.72* | |
| 08 14 16 00-0270 | EA | 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 354.13 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.39* | |
| | | *For >100, Deduct* | *-29.24* | |
| 08 14 16 00-0271 | EA | 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 366.46 | 53.68 |
| | | *For >50 To 100, Deduct* | *-21.01* | |
| | | *For >100, Deduct* | *-30.17* | |
| 08 14 16 00-0272 | EA | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 391.14 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.24* | |
| | | *For >100, Deduct* | *-32.02* | |
| 08 14 16 00-0273 | EA | 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 299.90 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.36* | |
| | | *For >100, Deduct* | *-24.85* | |
| | | *For 9' Door Height, Add* | *43.14* | |
| 08 14 16 00-0274 | EA | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 299.90 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.36* | |
| | | *For >100, Deduct* | *-24.85* | |
| | | *For 9' Door Height, Add* | *43.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0275 | EA | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 318.34 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.39* | |
| | | *For >100, Deduct* | *-26.34* | |
| | | *For 9' Door Height, Add* | *46.11* | |
| 08 14 16 00-0276 | EA | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 329.83 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.96* | |
| | | *For >100, Deduct* | *-27.21* | |
| | | *For 9' Door Height, Add* | *48.52* | |
| 08 14 16 00-0277 | EA | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 332.13 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.08* | |
| | | *For >100, Deduct* | *-27.38* | |
| | | *For 9' Door Height, Add* | *49.01* | |
| 08 14 16 00-0278 | EA | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 338.68 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.51* | |
| | | *For >100, Deduct* | *-27.98* | |
| | | *For 9' Door Height, Add* | *49.48* | |
| 08 14 16 00-0279 | EA | 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 364.60 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.81* | |
| | | *For >100, Deduct* | *-29.92* | |
| | | *For 9' Door Height, Add* | *54.92* | |
| 08 14 16 00-0280 | EA | 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 402.24 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.80* | |
| | | *For >100, Deduct* | *-32.85* | |
| | | *For 9' Door Height, Add* | *61.92* | |
| 08 14 16 00-0281 | EA | 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 416.98 | 53.68 |
| | | *For >50 To 100, Deduct* | *-23.53* | |
| | | *For >100, Deduct* | *-33.96* | |
| | | *For 9' Door Height, Add* | *65.02* | |
| 08 14 16 00-0282 | EA | 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door | 446.47 | 53.68 |
| | | *For >50 To 100, Deduct* | *-25.01* | |
| | | *For >100, Deduct* | *-36.17* | |
| | | *For 9' Door Height, Add* | *71.21* | |

### 08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0284 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 258.11 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.27* | |
| | | *For >100, Deduct* | *-21.72* | |
| 08 14 16 00-0285 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 258.15 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.27* | |
| | | *For >100, Deduct* | *-21.72* | |
| 08 14 16 00-0286 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 266.96 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.82* | |
| | | *For >100, Deduct* | *-22.49* | |
| 08 14 16 00-0287 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 276.09 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.27* | |
| | | *For >100, Deduct* | *-23.18* | |
| 08 14 16 00-0288 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 280.65 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.50* | |
| | | *For >100, Deduct* | *-23.52* | |
| 08 14 16 00-0289 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 289.43 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.05* | |
| | | *For >100, Deduct* | *-24.28* | |
| 08 14 16 00-0290 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 299.82 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.57* | |
| | | *For >100, Deduct* | *-25.06* | |
| 08 14 16 00-0291 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 337.92 | 53.68 |
| | | *For >50 To 100, Deduct* | *-19.58* | |
| | | *For >100, Deduct* | *-28.03* | |
| 08 14 16 00-0292 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 349.45 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.16* | |
| | | *For >100, Deduct* | *-28.89* | |
| 08 14 16 00-0293 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 372.54 | 53.68 |
| | | *For >50 To 100, Deduct* | *-21.31* | |
| | | *For >100, Deduct* | *-30.62* | |
| 08 14 16 00-0294 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 267.65 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.74* | |
| | | *For >100, Deduct* | *-22.44* | |
| 08 14 16 00-0295 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 267.66 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.75* | |
| | | *For >100, Deduct* | *-22.44* | |
| 08 14 16 00-0296 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 276.74 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.31* | |
| | | *For >100, Deduct* | *-23.22* | |
| 08 14 16 00-0297 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 286.40 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.79* | |
| | | *For >100, Deduct* | *-23.95* | |
| 08 14 16 00-0298 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 291.22 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.03* | |
| | | *For >100, Deduct* | *-24.31* | |
| 08 14 16 00-0299 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 300.29 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.59* | |
| | | *For >100, Deduct* | *-25.10* | |
| 08 14 16 00-0300 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 311.28 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.14* | |
| | | *For >100, Deduct* | *-25.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0301 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 351.36 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.25* | |
| | | *For >100, Deduct* | *-29.04* | |
| 08 14 16 00-0302 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 363.56 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.86* | |
| | | *For >100, Deduct* | *-29.95* | |
| 08 14 16 00-0303 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 387.95 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.08* | |
| | | *For >100, Deduct* | *-31.78* | |
| 08 14 16 00-0304 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 301.42 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.43* | |
| | | *For >100, Deduct* | *-24.97* | |
| | | *For 9' Door Height, Add* | *43.46* | |
| 08 14 16 00-0305 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 301.42 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.43* | |
| | | *For >100, Deduct* | *-24.97* | |
| | | *For 9' Door Height, Add* | *43.46* | |
| 08 14 16 00-0306 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 311.44 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.04* | |
| | | *For >100, Deduct* | *-25.83* | |
| | | *For 9' Door Height, Add* | *44.66* | |
| 08 14 16 00-0307 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 322.97 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.62* | |
| | | *For >100, Deduct* | *-26.69* | |
| | | *For 9' Door Height, Add* | *47.08* | |
| 08 14 16 00-0308 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 328.73 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.91* | |
| | | *For >100, Deduct* | *-27.12* | |
| | | *For 9' Door Height, Add* | *48.29* | |
| 08 14 16 00-0309 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 338.75 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.51* | |
| | | *For >100, Deduct* | *-27.98* | |
| | | *For 9' Door Height, Add* | *49.49* | |
| 08 14 16 00-0310 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 351.90 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.17* | |
| | | *For >100, Deduct* | *-28.97* | |
| | | *For 9' Door Height, Add* | *52.26* | |
| 08 14 16 00-0311 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 398.95 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.63* | |
| | | *For >100, Deduct* | *-32.61* | |
| | | *For 9' Door Height, Add* | *61.23* | |
| 08 14 16 00-0312 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 413.52 | 53.68 |
| | | *For >50 To 100, Deduct* | *-23.36* | |
| | | *For >100, Deduct* | *-33.70* | |
| | | *For 9' Door Height, Add* | *64.29* | |
| 08 14 16 00-0313 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door | 442.69 | 53.68 |
| | | *For >50 To 100, Deduct* | *-24.82* | |
| | | *For >100, Deduct* | *-35.89* | |
| | | *For 9' Door Height, Add* | *70.42* | |

### 08 14 16 00-0314 1-3/8" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

### 08 14 16 00-0315 Birch Faced Wood Doors *(08 14 16 00-0314)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0316 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 312.24 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-4.36* | |
| | | *For Stave Lumber Core (SLC), Add* | *163.32* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *97.99* | |
| | | *For >50 To 100, Deduct* | *-17.97* | |
| | | *For >100, Deduct* | *-25.78* | |
| 08 14 16 00-0317 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 312.28 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-4.36* | |
| | | *For Stave Lumber Core (SLC), Add* | *163.35* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *98.01* | |
| | | *For >50 To 100, Deduct* | *-17.98* | |
| | | *For >100, Deduct* | *-25.78* | |
| 08 14 16 00-0318 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 327.99 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-4.58* | |
| | | *For Stave Lumber Core (SLC), Add* | *171.92* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *103.15* | |
| | | *For >50 To 100, Deduct* | *-18.87* | |
| | | *For >100, Deduct* | *-27.07* | |
| 08 14 16 00-0319 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 339.41 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-4.81* | |
| | | *For Stave Lumber Core (SLC), Add* | *180.48* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *108.29* | |
| | | *For >50 To 100, Deduct* | *-19.44* | |
| | | *For >100, Deduct* | *-27.93* | |
| 08 14 16 00-0320 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 346.38 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-4.95* | |
| | | *For Stave Lumber Core (SLC), Add* | *185.71* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *111.42* | |
| | | *For >50 To 100, Deduct* | *-19.79* | |
| | | *For >100, Deduct* | *-28.45* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0321 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 357.67 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.09* | |
| | | *For Stave Lumber Core (SLC), Add* | *190.96* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *114.57* | |
| | | *For >50 To 100, Deduct* | *-20.46* | |
| | | *For >100, Deduct* | *-29.40* | |
| 08 14 16 00-0322 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 385.60 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.65* | |
| | | *For Stave Lumber Core (SLC), Add* | *211.91* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *127.14* | |
| | | *For >50 To 100, Deduct* | *-21.86* | |
| | | *For >100, Deduct* | *-31.50* | |
| 08 14 16 00-0323 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 407.97 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.01* | |
| | | *For Stave Lumber Core (SLC), Add* | *225.46* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *135.27* | |
| | | *For >50 To 100, Deduct* | *-23.08* | |
| | | *For >100, Deduct* | *-33.28* | |
| 08 14 16 00-0324 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 324.93 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-4.61* | |
| | | *For Stave Lumber Core (SLC), Add* | *172.84* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *103.70* | |
| | | *For >50 To 100, Deduct* | *-18.61* | |
| | | *For >100, Deduct* | *-26.73* | |
| 08 14 16 00-0325 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 324.94 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-4.61* | |
| | | *For Stave Lumber Core (SLC), Add* | *172.85* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *103.71* | |
| | | *For >50 To 100, Deduct* | *-18.61* | |
| | | *For >100, Deduct* | *-26.73* | |
| 08 14 16 00-0326 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 341.33 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-4.85* | |
| | | *For Stave Lumber Core (SLC), Add* | *181.92* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *109.15* | |
| | | *For >50 To 100, Deduct* | *-19.54* | |
| | | *For >100, Deduct* | *-28.07* | |
| 08 14 16 00-0327 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 353.43 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.09* | |
| | | *For Stave Lumber Core (SLC), Add* | *191.00* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *114.60* | |
| | | *For >50 To 100, Deduct* | *-20.14* | |
| | | *For >100, Deduct* | *-28.98* | |
| 08 14 16 00-0328 | EA | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 360.80 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.24* | |
| | | *For Stave Lumber Core (SLC), Add* | *196.52* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *117.91* | |
| | | *For >50 To 100, Deduct* | *-20.51* | |
| | | *For >100, Deduct* | *-29.53* | |
| 08 14 16 00-0329 | EA | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 372.48 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.39* | |
| | | *For Stave Lumber Core (SLC), Add* | *202.07* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *121.24* | |
| | | *For >50 To 100, Deduct* | *-21.20* | |
| | | *For >100, Deduct* | *-30.51* | |
| 08 14 16 00-0330 | EA | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 402.05 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.98* | |
| | | *For Stave Lumber Core (SLC), Add* | *224.24* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *134.55* | |
| | | *For >50 To 100, Deduct* | *-22.68* | |
| | | *For >100, Deduct* | *-32.73* | |
| 08 14 16 00-0331 | EA | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 425.46 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.36* | |
| | | *For Stave Lumber Core (SLC), Add* | *238.58* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *143.15* | |
| | | *For >50 To 100, Deduct* | *-23.96* | |
| | | *For >100, Deduct* | *-34.59* | |
| 08 14 16 00-0332 | EA | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 369.88 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.51* | |
| | | *For Stave Lumber Core (SLC), Add* | *206.55* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *123.93* | |
| | | *For >50 To 100, Deduct* | *-20.86* | |
| | | *For >100, Deduct* | *-30.10* | |
| | | *For 9' Door Height, Add* | *57.83* | |
| 08 14 16 00-0333 | EA | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 369.88 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.51* | |
| | | *For Stave Lumber Core (SLC), Add* | *206.55* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *123.93* | |
| | | *For >50 To 100, Deduct* | *-20.86* | |
| | | *For >100, Deduct* | *-30.10* | |
| | | *For 9' Door Height, Add* | *57.83* | |
| 08 14 16 00-0334 | EA | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 388.63 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.80* | |
| | | *For Stave Lumber Core (SLC), Add* | *217.40* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *130.44* | |
| | | *For >50 To 100, Deduct* | *-21.90* | |
| | | *For >100, Deduct* | *-31.62* | |
| | | *For 9' Door Height, Add* | *60.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0335 | EA | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 403.09 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.09* | |
| | | *For Stave Lumber Core (SLC), Add* | *228.24* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *136.94* | |
| | | *For >50 To 100, Deduct* | *-22.62* | |
| | | *For >100, Deduct* | *-32.70* | |
| | | *For 9' Door Height, Add* | *63.91* | |
| 08 14 16 00-0336 | EA | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 411.89 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.26* | |
| | | *For Stave Lumber Core (SLC), Add* | *234.84* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *140.90* | |
| | | *For >50 To 100, Deduct* | *-23.06* | |
| | | *For >100, Deduct* | *-33.36* | |
| | | *For 9' Door Height, Add* | *65.76* | |
| 08 14 16 00-0337 | EA | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 425.02 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.44* | |
| | | *For Stave Lumber Core (SLC), Add* | *241.47* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *144.88* | |
| | | *For >50 To 100, Deduct* | *-23.83* | |
| | | *For >100, Deduct* | *-34.45* | |
| | | *For 9' Door Height, Add* | *67.61* | |
| 08 14 16 00-0338 | EA | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 460.34 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.15* | |
| | | *For Stave Lumber Core (SLC), Add* | *267.96* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *160.78* | |
| | | *For >50 To 100, Deduct* | *-25.59* | |
| | | *For >100, Deduct* | *-37.10* | |
| | | *For 9' Door Height, Add* | *75.03* | |
| 08 14 16 00-0339 | EA | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 487.48 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.60* | |
| | | *For Stave Lumber Core (SLC), Add* | *285.09* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *171.05* | |
| | | *For >50 To 100, Deduct* | *-27.06* | |
| | | *For >100, Deduct* | *-39.25* | |
| | | *For 9' Door Height, Add* | *79.83* | |

## 08 14 16 00-0340 Oak Faced Wood Doors *(08 14 16 00-0314)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0341 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 363.19 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.37* | |
| | | *For Stave Lumber Core (SLC), Add* | *201.53* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *120.92* | |
| | | *For >50 To 100, Deduct* | *-20.52* | |
| | | *For >100, Deduct* | *-29.60* | |
| 08 14 16 00-0342 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 363.19 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.37* | |
| | | *For Stave Lumber Core (SLC), Add* | *201.53* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *120.92* | |
| | | *For >50 To 100, Deduct* | *-20.52* | |
| | | *For >100, Deduct* | *-29.60* | |
| 08 14 16 00-0343 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 381.63 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.66* | |
| | | *For Stave Lumber Core (SLC), Add* | *212.15* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *127.29* | |
| | | *For >50 To 100, Deduct* | *-21.55* | |
| | | *For >100, Deduct* | *-31.09* | |
| 08 14 16 00-0344 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 395.73 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.94* | |
| | | *For Stave Lumber Core (SLC), Add* | *222.72* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *133.63* | |
| | | *For >50 To 100, Deduct* | *-22.26* | |
| | | *For >100, Deduct* | *-32.15* | |
| 08 14 16 00-0345 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 404.33 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.11* | |
| | | *For Stave Lumber Core (SLC), Add* | *229.17* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *137.50* | |
| | | *For >50 To 100, Deduct* | *-22.69* | |
| | | *For >100, Deduct* | *-32.79* | |
| 08 14 16 00-0346 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 417.24 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.28* | |
| | | *For Stave Lumber Core (SLC), Add* | *235.64* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *141.38* | |
| | | *For >50 To 100, Deduct* | *-23.44* | |
| | | *For >100, Deduct* | *-33.87* | |
| 08 14 16 00-0347 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 451.72 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.97* | |
| | | *For Stave Lumber Core (SLC), Add* | *261.50* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *156.90* | |
| | | *For >50 To 100, Deduct* | *-25.16* | |
| | | *For >100, Deduct* | *-36.46* | |
| 08 14 16 00-0348 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 478.29 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.42* | |
| | | *For Stave Lumber Core (SLC), Add* | *278.20* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *166.92* | |
| | | *For >50 To 100, Deduct* | *-26.60* | |
| | | *For >100, Deduct* | *-38.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0349 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 378.82 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.69* | |
| | | *For Stave Lumber Core (SLC), Add* | *213.26* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *127.95* | |
| | | *For >50 To 100, Deduct* | *-21.30* | |
| | | *For >100, Deduct* | *-30.77* | |
| 08 14 16 00-0350 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 378.82 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.69* | |
| | | *For Stave Lumber Core (SLC), Add* | *213.26* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *127.95* | |
| | | *For >50 To 100, Deduct* | *-21.30* | |
| | | *For >100, Deduct* | *-30.77* | |
| 08 14 16 00-0351 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 398.10 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.99* | |
| | | *For Stave Lumber Core (SLC), Add* | *224.50* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *134.70* | |
| | | *For >50 To 100, Deduct* | *-22.37* | |
| | | *For >100, Deduct* | *-32.33* | |
| 08 14 16 00-0352 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 413.02 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.29* | |
| | | *For Stave Lumber Core (SLC), Add* | *235.69* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *141.41* | |
| | | *For >50 To 100, Deduct* | *-23.12* | |
| | | *For >100, Deduct* | *-33.45* | |
| 08 14 16 00-0353 | EA | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 422.11 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.47* | |
| | | *For Stave Lumber Core (SLC), Add* | *242.51* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *145.50* | |
| | | *For >50 To 100, Deduct* | *-23.57* | |
| | | *For >100, Deduct* | *-34.13* | |
| 08 14 16 00-0354 | EA | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 435.52 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.65* | |
| | | *For Stave Lumber Core (SLC), Add* | *249.35* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *149.61* | |
| | | *For >50 To 100, Deduct* | *-24.35* | |
| | | *For >100, Deduct* | *-35.24* | |
| 08 14 16 00-0355 | EA | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 472.01 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.38* | |
| | | *For Stave Lumber Core (SLC), Add* | *276.71* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *166.03* | |
| | | *For >50 To 100, Deduct* | *-26.18* | |
| | | *For >100, Deduct* | *-37.98* | |
| 08 14 16 00-0356 | EA | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 499.89 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.85* | |
| | | *For Stave Lumber Core (SLC), Add* | *294.40* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *176.64* | |
| | | *For >50 To 100, Deduct* | *-27.68* | |
| | | *For >100, Deduct* | *-40.18* | |
| 08 14 16 00-0357 | EA | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 434.26 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.80* | |
| | | *For Stave Lumber Core (SLC), Add* | *254.84* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *152.90* | |
| | | *For >50 To 100, Deduct* | *-24.08* | |
| | | *For >100, Deduct* | *-34.93* | |
| | | *For 9' Door Height, Add* | *71.35* | |
| 08 14 16 00-0358 | EA | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 434.26 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.80* | |
| | | *For Stave Lumber Core (SLC), Add* | *254.84* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *152.90* | |
| | | *For >50 To 100, Deduct* | *-24.08* | |
| | | *For >100, Deduct* | *-34.93* | |
| | | *For 9' Door Height, Add* | *71.35* | |
| 08 14 16 00-0359 | EA | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 456.48 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.15* | |
| | | *For Stave Lumber Core (SLC), Add* | *268.28* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *160.97* | |
| | | *For >50 To 100, Deduct* | *-25.29* | |
| | | *For >100, Deduct* | *-36.71* | |
| | | *For 9' Door Height, Add* | *75.12* | |
| 08 14 16 00-0360 | EA | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 474.30 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.51* | |
| | | *For Stave Lumber Core (SLC), Add* | *281.65* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *168.99* | |
| | | *For >50 To 100, Deduct* | *-26.18* | |
| | | *For >100, Deduct* | *-38.04* | |
| | | *For 9' Door Height, Add* | *78.86* | |
| 08 14 16 00-0361 | EA | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 485.15 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.73* | |
| | | *For Stave Lumber Core (SLC), Add* | *289.79* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *173.87* | |
| | | *For >50 To 100, Deduct* | *-26.73* | |
| | | *For >100, Deduct* | *-38.86* | |
| | | *For 9' Door Height, Add* | *81.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0362 | EA | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 500.37 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.95* | |
| | | *For Stave Lumber Core (SLC), Add* | *297.98* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *178.79* | |
| | | *For >50 To 100, Deduct* | *-27.60* | |
| | | *For >100, Deduct* | *-40.10* | |
| | | *For 9' Door Height, Add* | *83.44* | |
| 08 14 16 00-0363 | EA | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 543.96 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.82* | |
| | | *For Stave Lumber Core (SLC), Add* | *330.68* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *198.41* | |
| | | *For >50 To 100, Deduct* | *-29.77* | |
| | | *For >100, Deduct* | *-43.37* | |
| | | *For 9' Door Height, Add* | *92.59* | |
| 08 14 16 00-0364 | EA | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 576.44 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.38* | |
| | | *For Stave Lumber Core (SLC), Add* | *351.81* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *211.09* | |
| | | *For >50 To 100, Deduct* | *-31.51* | |
| | | *For >100, Deduct* | *-45.92* | |
| | | *For 9' Door Height, Add* | *98.51* | |
| **08 14 16 00-0365** | | **Maple Faced Wood Doors** *(08 14 16 00-0314)* | | |
| 08 14 16 00-0366 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 416.94 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.45* | |
| | | *For Stave Lumber Core (SLC), Add* | *241.85* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *145.11* | |
| | | *For >50 To 100, Deduct* | *-23.21* | |
| | | *For >100, Deduct* | *-33.63* | |
| 08 14 16 00-0367 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 416.94 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.45* | |
| | | *For Stave Lumber Core (SLC), Add* | *241.85* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *145.11* | |
| | | *For >50 To 100, Deduct* | *-23.21* | |
| | | *For >100, Deduct* | *-33.63* | |
| 08 14 16 00-0368 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 438.20 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.79* | |
| | | *For Stave Lumber Core (SLC), Add* | *254.57* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *152.74* | |
| | | *For >50 To 100, Deduct* | *-24.38* | |
| | | *For >100, Deduct* | *-35.33* | |
| 08 14 16 00-0369 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 455.13 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.13* | |
| | | *For Stave Lumber Core (SLC), Add* | *267.27* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *160.36* | |
| | | *For >50 To 100, Deduct* | *-25.23* | |
| | | *For >100, Deduct* | *-36.60* | |
| 08 14 16 00-0370 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 465.42 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.33* | |
| | | *For Stave Lumber Core (SLC), Add* | *274.99* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *164.99* | |
| | | *For >50 To 100, Deduct* | *-25.74* | |
| | | *For >100, Deduct* | *-37.38* | |
| 08 14 16 00-0371 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 480.07 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.54* | |
| | | *For Stave Lumber Core (SLC), Add* | *282.76* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *169.65* | |
| | | *For >50 To 100, Deduct* | *-26.58* | |
| | | *For >100, Deduct* | *-38.58* | |
| 08 14 16 00-0372 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 521.44 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.37* | |
| | | *For Stave Lumber Core (SLC), Add* | *313.79* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *188.27* | |
| | | *For >50 To 100, Deduct* | *-28.65* | |
| | | *For >100, Deduct* | *-41.68* | |
| 08 14 16 00-0373 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 552.47 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.90* | |
| | | *For Stave Lumber Core (SLC), Add* | *333.83* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *200.30* | |
| | | *For >50 To 100, Deduct* | *-30.31* | |
| | | *For >100, Deduct* | *-44.12* | |
| 08 14 16 00-0374 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 435.68 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.82* | |
| | | *For Stave Lumber Core (SLC), Add* | *255.90* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *153.54* | |
| | | *For >50 To 100, Deduct* | *-24.15* | |
| | | *For >100, Deduct* | *-35.04* | |
| 08 14 16 00-0375 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 435.68 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.82* | |
| | | *For Stave Lumber Core (SLC), Add* | *255.90* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *153.54* | |
| | | *For >50 To 100, Deduct* | *-24.15* | |
| | | *For >100, Deduct* | *-35.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0376 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 457.96 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.18* | |
| | | *For Stave Lumber Core (SLC), Add* | *269.39* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *161.64* | |
| | | *For >50 To 100, Deduct* | *-25.37* | |
| | | *For >100, Deduct* | *-36.82* | |
| 08 14 16 00-0377 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 475.89 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.54* | |
| | | *For Stave Lumber Core (SLC), Add* | *282.84* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *169.70* | |
| | | *For >50 To 100, Deduct* | *-26.26* | |
| | | *For >100, Deduct* | *-38.16* | |
| 08 14 16 00-0378 | EA | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 486.78 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.76* | |
| | | *For Stave Lumber Core (SLC), Add* | *291.01* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *174.60* | |
| | | *For >50 To 100, Deduct* | *-26.81* | |
| | | *For >100, Deduct* | *-38.98* | |
| 08 14 16 00-0379 | EA | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 502.03 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.98* | |
| | | *For Stave Lumber Core (SLC), Add* | *299.23* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *179.54* | |
| | | *For >50 To 100, Deduct* | *-27.68* | |
| | | *For >100, Deduct* | *-40.23* | |
| 08 14 16 00-0380 | EA | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 545.80 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.85* | |
| | | *For Stave Lumber Core (SLC), Add* | *332.06* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *199.23* | |
| | | *For >50 To 100, Deduct* | *-29.87* | |
| | | *For >100, Deduct* | *-43.51* | |
| 08 14 16 00-0381 | EA | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 578.39 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.42* | |
| | | *For Stave Lumber Core (SLC), Add* | *353.27* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *211.96* | |
| | | *For >50 To 100, Deduct* | *-31.60* | |
| | | *For >100, Deduct* | *-46.06* | |
| 08 14 16 00-0382 | EA | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 502.22 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.15* | |
| | | *For Stave Lumber Core (SLC), Add* | *305.81* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *183.48* | |
| | | *For >50 To 100, Deduct* | *-27.47* | |
| | | *For >100, Deduct* | *-40.03* | |
| | | *For 9' Door Height, Add* | *85.63* | |
| 08 14 16 00-0383 | EA | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 502.22 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.15* | |
| | | *For Stave Lumber Core (SLC), Add* | *305.81* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *183.48* | |
| | | *For >50 To 100, Deduct* | *-27.47* | |
| | | *For >100, Deduct* | *-40.03* | |
| | | *For 9' Door Height, Add* | *85.63* | |
| 08 14 16 00-0384 | EA | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 528.00 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.58* | |
| | | *For Stave Lumber Core (SLC), Add* | *321.92* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *193.15* | |
| | | *For >50 To 100, Deduct* | *-28.87* | |
| | | *For >100, Deduct* | *-42.07* | |
| | | *For 9' Door Height, Add* | *90.14* | |
| 08 14 16 00-0385 | EA | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 549.39 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.01* | |
| | | *For Stave Lumber Core (SLC), Add* | *337.97* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *202.78* | |
| | | *For >50 To 100, Deduct* | *-29.94* | |
| | | *For >100, Deduct* | *-43.67* | |
| | | *For 9' Door Height, Add* | *94.63* | |
| 08 14 16 00-0386 | EA | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 562.44 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.27* | |
| | | *For Stave Lumber Core (SLC), Add* | *347.75* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *208.65* | |
| | | *For >50 To 100, Deduct* | *-30.59* | |
| | | *For >100, Deduct* | *-44.65* | |
| | | *For 9' Door Height, Add* | *97.37* | |
| 08 14 16 00-0387 | EA | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 579.81 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.54* | |
| | | *For Stave Lumber Core (SLC), Add* | *357.56* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *214.54* | |
| | | *For >50 To 100, Deduct* | *-31.57* | |
| | | *For >100, Deduct* | *-46.06* | |
| | | *For 9' Door Height, Add* | *100.12* | |
| 08 14 16 00-0388 | EA | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 632.14 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.58* | |
| | | *For Stave Lumber Core (SLC), Add* | *396.81* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *238.09* | |
| | | *For >50 To 100, Deduct* | *-34.18* | |
| | | *For >100, Deduct* | *-49.99* | |
| | | *For 9' Door Height, Add* | *111.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0389 | EA | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 670.24 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.26* | |
| | | *For Stave Lumber Core (SLC), Add* | *422.16* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *253.30* | |
| | | *For >50 To 100, Deduct* | *-36.20* | |
| | | *For >100, Deduct* | *-52.95* | |
| | | *For 9' Door Height, Add* | *118.20* | |

## 08 14 16 00-0390 Lauan Faced Wood Doors *(08 14 16 00-0314)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0391 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 256.66 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.20* | |
| | | *For >100, Deduct* | *-21.61* | |
| 08 14 16 00-0392 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 256.66 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.20* | |
| | | *For >100, Deduct* | *-21.61* | |
| 08 14 16 00-0393 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 269.83 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.96* | |
| | | *For >100, Deduct* | *-22.71* | |
| 08 14 16 00-0394 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 278.77 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.41* | |
| | | *For >100, Deduct* | *-23.38* | |
| 08 14 16 00-0395 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 283.26 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.63* | |
| | | *For >100, Deduct* | *-23.71* | |
| 08 14 16 00-0396 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 292.08 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.18* | |
| | | *For >100, Deduct* | *-24.48* | |
| 08 14 16 00-0397 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 312.83 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.22* | |
| | | *For >100, Deduct* | *-26.04* | |
| 08 14 16 00-0398 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 333.57 | 53.68 |
| | | *For >50 To 100, Deduct* | *-19.36* | |
| | | *For >100, Deduct* | *-27.70* | |
| 08 14 16 00-0399 | EA | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 266.10 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.67* | |
| | | *For >100, Deduct* | *-22.32* | |
| 08 14 16 00-0400 | EA | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 266.10 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.67* | |
| | | *For >100, Deduct* | *-22.32* | |
| 08 14 16 00-0401 | EA | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 279.80 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.46* | |
| | | *For >100, Deduct* | *-23.45* | |
| 08 14 16 00-0402 | EA | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 289.25 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.93* | |
| | | *For >100, Deduct* | *-24.16* | |
| 08 14 16 00-0403 | EA | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 294.01 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.17* | |
| | | *For >100, Deduct* | *-24.52* | |
| 08 14 16 00-0404 | EA | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 303.07 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.73* | |
| | | *For >100, Deduct* | *-25.31* | |
| 08 14 16 00-0405 | EA | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 325.06 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.83* | |
| | | *For >100, Deduct* | *-26.96* | |
| 08 14 16 00-0406 | EA | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 346.73 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.02* | |
| | | *For >100, Deduct* | *-28.69* | |
| 08 14 16 00-0407 | EA | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 299.59 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.34* | |
| | | *For >100, Deduct* | *-24.83* | |
| | | *For 9' Door Height, Add* | *43.07* | |
| 08 14 16 00-0408 | EA | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 299.59 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.34* | |
| | | *For >100, Deduct* | *-24.83* | |
| | | *For 9' Door Height, Add* | *43.07* | |
| 08 14 16 00-0409 | EA | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 315.08 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.22* | |
| | | *For >100, Deduct* | *-26.10* | |
| | | *For 9' Door Height, Add* | *45.43* | |
| 08 14 16 00-0410 | EA | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 326.40 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.79* | |
| | | *For >100, Deduct* | *-26.95* | |
| | | *For 9' Door Height, Add* | *47.80* | |
| 08 14 16 00-0411 | EA | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 332.09 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.07* | |
| | | *For >100, Deduct* | *-27.38* | |
| | | *For 9' Door Height, Add* | *49.00* | |
| 08 14 16 00-0412 | EA | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 342.07 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.68* | |
| | | *For >100, Deduct* | *-28.23* | |
| | | *For 9' Door Height, Add* | *50.19* | |
| 08 14 16 00-0413 | EA | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 368.34 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.99* | |
| | | *For >100, Deduct* | *-30.20* | |
| | | *For 9' Door Height, Add* | *55.71* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0414 | EA | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 393.40 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.35* | |
| | | *For >100, Deduct* | *-32.19* | |
| | | *For 9' Door Height, Add* | *60.07* | |

## 08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0314)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0416 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 277.63 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *137.36* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *82.42* | |
| | | *For >50 To 100, Deduct* | *-16.24* | |
| | | *For >100, Deduct* | *-23.18* | |
| 08 14 16 00-0417 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 277.63 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *137.36* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *82.42* | |
| | | *For >50 To 100, Deduct* | *-16.24* | |
| | | *For >100, Deduct* | *-23.18* | |
| 08 14 16 00-0418 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 292.56 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *145.34* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *87.21* | |
| | | *For >50 To 100, Deduct* | *-17.10* | |
| | | *For >100, Deduct* | *-24.41* | |
| 08 14 16 00-0419 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 303.17 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *153.30* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *91.98* | |
| | | *For >50 To 100, Deduct* | *-17.63* | |
| | | *For >100, Deduct* | *-25.21* | |
| 08 14 16 00-0420 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 305.11 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *154.76* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *92.85* | |
| | | *For >50 To 100, Deduct* | *-17.72* | |
| | | *For >100, Deduct* | *-25.35* | |
| 08 14 16 00-0421 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 311.38 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *156.24* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *93.74* | |
| | | *For >50 To 100, Deduct* | *-18.15* | |
| | | *For >100, Deduct* | *-25.93* | |
| 08 14 16 00-0422 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 334.37 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *173.48* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *104.09* | |
| | | *For >50 To 100, Deduct* | *-19.30* | |
| | | *For >100, Deduct* | *-27.65* | |
| 08 14 16 00-0423 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 380.56 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *204.90* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *122.94* | |
| | | *For >50 To 100, Deduct* | *-21.71* | |
| | | *For >100, Deduct* | *-31.23* | |
| 08 14 16 00-0424 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 288.29 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *145.36* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *87.21* | |
| | | *For >50 To 100, Deduct* | *-16.78* | |
| | | *For >100, Deduct* | *-23.98* | |
| 08 14 16 00-0425 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 288.31 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *145.37* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *87.22* | |
| | | *For >50 To 100, Deduct* | *-16.78* | |
| | | *For >100, Deduct* | *-23.99* | |
| 08 14 16 00-0426 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 303.84 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *153.80* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *92.28* | |
| | | *For >50 To 100, Deduct* | *-17.66* | |
| | | *For >100, Deduct* | *-25.26* | |
| 08 14 16 00-0427 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 315.06 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *162.22* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *97.33* | |
| | | *For >50 To 100, Deduct* | *-18.22* | |
| | | *For >100, Deduct* | *-26.10* | |
| 08 14 16 00-0428 | EA | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 317.13 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *163.77* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *98.26* | |
| | | *For >50 To 100, Deduct* | *-18.33* | |
| | | *For >100, Deduct* | *-26.25* | |
| 08 14 16 00-0429 | EA | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 323.51 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *165.34* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *99.20* | |
| | | *For >50 To 100, Deduct* | *-18.75* | |
| | | *For >100, Deduct* | *-26.84* | |
| 08 14 16 00-0430 | EA | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 347.82 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *183.57* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *110.14* | |
| | | *For >50 To 100, Deduct* | *-19.97* | |
| | | *For >100, Deduct* | *-28.66* | |
| 08 14 16 00-0431 | EA | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 396.48 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *216.84* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *130.10* | |
| | | *For >50 To 100, Deduct* | *-22.51* | |
| | | *For >100, Deduct* | *-32.42* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0432 | EA | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 326.07 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *173.69* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *104.22* | |
| | | *For >50 To 100, Deduct* | *-18.67* | |
| | | *For >100, Deduct* | *-26.82* | |
| | | *For 9' Door Height, Add* | *48.63* | |
| 08 14 16 00-0433 | EA | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 326.10 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *173.72* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *104.23* | |
| | | *For >50 To 100, Deduct* | *-18.67* | |
| | | *For >100, Deduct* | *-26.82* | |
| | | *For 9' Door Height, Add* | *48.64* | |
| 08 14 16 00-0434 | EA | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 343.83 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *183.80* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *110.28* | |
| | | *For >50 To 100, Deduct* | *-19.66* | |
| | | *For >100, Deduct* | *-28.26* | |
| | | *For 9' Door Height, Add* | *51.46* | |
| 08 14 16 00-0435 | EA | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 357.23 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *193.85* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *116.31* | |
| | | *For >50 To 100, Deduct* | *-20.33* | |
| | | *For >100, Deduct* | *-29.26* | |
| | | *For 9' Door Height, Add* | *54.28* | |
| 08 14 16 00-0436 | EA | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 359.70 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *195.70* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *117.42* | |
| | | *For >50 To 100, Deduct* | *-20.45* | |
| | | *For >100, Deduct* | *-29.45* | |
| | | *For 9' Door Height, Add* | *54.80* | |
| 08 14 16 00-0437 | EA | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 366.50 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *197.58* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *118.55* | |
| | | *For >50 To 100, Deduct* | *-20.90* | |
| | | *For >100, Deduct* | *-30.06* | |
| | | *For 9' Door Height, Add* | *55.32* | |
| 08 14 16 00-0438 | EA | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 395.57 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *219.38* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *131.63* | |
| | | *For >50 To 100, Deduct* | *-22.36* | |
| | | *For >100, Deduct* | *-32.24* | |
| | | *For 9' Door Height, Add* | *61.43* | |
| 08 14 16 00-0439 | EA | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 452.87 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *259.13* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *155.48* | |
| | | *For >50 To 100, Deduct* | *-25.33* | |
| | | *For >100, Deduct* | *-36.65* | |
| | | *For 9' Door Height, Add* | *72.56* | |

### 08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

### 08 14 16 00-0441 Birch Faced Wood Doors *(08 14 16 00-0440)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0442 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 359.55 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.30* | |
| | | *For Stave Lumber Core (SLC), Add* | *198.80* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *119.28* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.81* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *143.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *198.80* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *318.08* | |
| | | *For >50 To 100, Deduct* | *-20.34* | |
| | | *For >100, Deduct* | *-29.33* | |
| 08 14 16 00-0443 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 359.55 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.30* | |
| | | *For Stave Lumber Core (SLC), Add* | *198.80* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *119.28* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.81* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *143.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *198.80* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *318.08* | |
| | | *For >50 To 100, Deduct* | *-20.34* | |
| | | *For >100, Deduct* | *-29.33* | |
| 08 14 16 00-0444 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 349.88 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.02* | |
| | | *For Stave Lumber Core (SLC), Add* | *188.33* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *113.00* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.13* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *135.60* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *188.33* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *301.33* | |
| | | *For >50 To 100, Deduct* | *-19.96* | |
| | | *For >100, Deduct* | *-28.71* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0445 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 360.34 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.23* | |
| | | *For Stave Lumber Core (SLC), Add* | *196.18* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *117.71* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.39* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *141.25* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *196.18* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *313.88* | |
| | | *For >50 To 100, Deduct* | *-20.49* | |
| | | *For >100, Deduct* | *-29.49* | |
| 08 14 16 00-0446 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 367.34 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.37* | |
| | | *For Stave Lumber Core (SLC), Add* | *201.43* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *120.86* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *32.23* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *145.03* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *201.43* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *322.28* | |
| | | *For >50 To 100, Deduct* | *-20.84* | |
| | | *For >100, Deduct* | *-30.02* | |
| 08 14 16 00-0447 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 378.60 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.51* | |
| | | *For Stave Lumber Core (SLC), Add* | *206.66* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *123.99* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.06* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *148.79* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *206.66* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *330.65* | |
| | | *For >50 To 100, Deduct* | *-21.51* | |
| | | *For >100, Deduct* | *-30.97* | |
| 08 14 16 00-0448 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 408.90 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.12* | |
| | | *For Stave Lumber Core (SLC), Add* | *229.38* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *137.63* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.70* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *165.15* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *229.38* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *367.01* | |
| | | *For >50 To 100, Deduct* | *-23.02* | |
| | | *For >100, Deduct* | *-33.24* | |
| 08 14 16 00-0449 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 478.68 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.43* | |
| | | *For Stave Lumber Core (SLC), Add* | *278.49* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *167.09* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *44.56* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *200.51* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *278.49* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *445.58* | |
| | | *For >50 To 100, Deduct* | *-26.62* | |
| | | *For >100, Deduct* | *-38.59* | |
| 08 14 16 00-0450 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 497.24 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.80* | |
| | | *For Stave Lumber Core (SLC), Add* | *292.41* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *175.45* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *46.79* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *210.54* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *292.41* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *467.86* | |
| | | *For >50 To 100, Deduct* | *-27.55* | |
| | | *For >100, Deduct* | *-39.98* | |
| 08 14 16 00-0451 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 542.96 | 57.98 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.54* | |
| | | *For Stave Lumber Core (SLC), Add* | *320.26* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *192.15* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *51.24* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *230.59* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *320.26* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *512.41* | |
| | | *For >50 To 100, Deduct* | *-30.05* | |
| | | *For >100, Deduct* | *-43.62* | |
| 08 14 16 00-0452 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 347.01 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.05* | |
| | | *For Stave Lumber Core (SLC), Add* | *189.40* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *113.64* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.30* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *136.37* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *189.40* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *303.04* | |
| | | *For >50 To 100, Deduct* | *-19.71* | |
| | | *For >100, Deduct* | *-28.39* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0453 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 347.01 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.05* | |
| | | *For Stave Lumber Core (SLC), Add* | *189.40* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *113.64* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.30* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *136.37* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *189.40* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *303.04* | |
| | | *For >50 To 100, Deduct* | *-19.71* | |
| | | *For >100, Deduct* | *-28.39* | |
| 08 14 16 00-0454 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 364.50 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.31* | |
| | | *For Stave Lumber Core (SLC), Add* | *199.30* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *119.58* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.89* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *143.49* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *199.30* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *318.88* | |
| | | *For >50 To 100, Deduct* | *-20.69* | |
| | | *For >100, Deduct* | *-29.81* | |
| 08 14 16 00-0455 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 375.57 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.54* | |
| | | *For Stave Lumber Core (SLC), Add* | *207.60* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *124.56* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.22* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *149.47* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *207.60* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *332.16* | |
| | | *For >50 To 100, Deduct* | *-21.25* | |
| | | *For >100, Deduct* | *-30.64* | |
| 08 14 16 00-0456 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 382.97 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.68* | |
| | | *For Stave Lumber Core (SLC), Add* | *213.15* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *127.89* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.10* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *153.47* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *213.15* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *341.04* | |
| | | *For >50 To 100, Deduct* | *-21.62* | |
| | | *For >100, Deduct* | *-31.19* | |
| 08 14 16 00-0457 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 394.62 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-5.83* | |
| | | *For Stave Lumber Core (SLC), Add* | *218.67* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *131.20* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.99* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *157.44* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *218.67* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *349.87* | |
| | | *For >50 To 100, Deduct* | *-22.31* | |
| | | *For >100, Deduct* | *-32.17* | |
| 08 14 16 00-0458 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 426.70 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.47* | |
| | | *For Stave Lumber Core (SLC), Add* | *242.73* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *145.64* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *38.84* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *174.77* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *242.73* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *388.37* | |
| | | *For >50 To 100, Deduct* | *-23.91* | |
| | | *For >100, Deduct* | *-34.58* | |
| 08 14 16 00-0459 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 500.30 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.86* | |
| | | *For Stave Lumber Core (SLC), Add* | *294.71* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *176.82* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *47.15* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *212.19* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *294.71* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *471.53* | |
| | | *For >50 To 100, Deduct* | *-27.70* | |
| | | *For >100, Deduct* | *-40.21* | |
| 08 14 16 00-0460 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 519.94 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.25* | |
| | | *For Stave Lumber Core (SLC), Add* | *309.44* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *185.66* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *49.51* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *222.79* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *309.44* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *495.10* | |
| | | *For >50 To 100, Deduct* | *-28.68* | |
| | | *For >100, Deduct* | *-41.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0461 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 567.81 | 57.98 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.04* | |
| | | *For Stave Lumber Core (SLC), Add* | *338.90* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *203.34* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.22* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *244.00* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *338.90* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *542.23* | |
| | | *For >50 To 100, Deduct* | *-31.29* | |
| | | *For >100, Deduct* | *-45.48* | |
| 08 14 16 00-0462 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 429.66 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.70* | |
| | | *For Stave Lumber Core (SLC), Add* | *251.39* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *150.83* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *40.22* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *181.00* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *251.39* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *402.22* | |
| | | *For >50 To 100, Deduct* | *-23.85* | |
| | | *For >100, Deduct* | *-34.59* | |
| | | *For 9' Door Height, Add* | *70.39* | |
| 08 14 16 00-0463 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 429.66 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.70* | |
| | | *For Stave Lumber Core (SLC), Add* | *251.39* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *150.83* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *40.22* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *181.00* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *251.39* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *402.22* | |
| | | *For >50 To 100, Deduct* | *-23.85* | |
| | | *For >100, Deduct* | *-34.59* | |
| | | *For 9' Door Height, Add* | *70.39* | |
| 08 14 16 00-0464 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 416.31 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.35* | |
| | | *For Stave Lumber Core (SLC), Add* | *238.16* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *142.89* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *38.10* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *171.47* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *238.16* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *381.05* | |
| | | *For >50 To 100, Deduct* | *-23.28* | |
| | | *For >100, Deduct* | *-33.69* | |
| | | *For 9' Door Height, Add* | *66.68* | |
| 08 14 16 00-0465 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 429.53 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.62* | |
| | | *For Stave Lumber Core (SLC), Add* | *248.07* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *148.84* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *39.69* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *178.61* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *248.07* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *396.91* | |
| | | *For >50 To 100, Deduct* | *-23.95* | |
| | | *For >100, Deduct* | *-34.68* | |
| | | *For 9' Door Height, Add* | *69.46* | |
| 08 14 16 00-0466 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 438.37 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.79* | |
| | | *For Stave Lumber Core (SLC), Add* | *254.70* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *152.82* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *40.75* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *183.38* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *254.70* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *407.52* | |
| | | *For >50 To 100, Deduct* | *-24.39* | |
| | | *For >100, Deduct* | *-35.35* | |
| | | *For 9' Door Height, Add* | *71.32* | |
| 08 14 16 00-0467 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 451.47 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-6.97* | |
| | | *For Stave Lumber Core (SLC), Add* | *261.31* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *156.78* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *41.81* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *188.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *261.31* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *418.09* | |
| | | *For >50 To 100, Deduct* | *-25.15* | |
| | | *For >100, Deduct* | *-36.44* | |
| | | *For 9' Door Height, Add* | *73.17* | |
| 08 14 16 00-0468 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 489.79 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.73* | |
| | | *For Stave Lumber Core (SLC), Add* | *290.05* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *174.03* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *46.41* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *208.83* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *290.05* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *464.08* | |
| | | *For >50 To 100, Deduct* | *-27.07* | |
| | | *For >100, Deduct* | *-39.31* | |
| | | *For 9' Door Height, Add* | *81.21* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0469 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 576.90 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.39* | |
| | | *For Stave Lumber Core (SLC), Add* | *352.16* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *211.29* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *56.34* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *253.55* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *352.16* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *563.45* | |
| | | *For >50 To 100, Deduct* | *-31.53* | |
| | | *For >100, Deduct* | *-45.95* | |
| | | *For 9' Door Height, Add* | *98.60* | |
| 08 14 16 00-0470 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 600.38 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.86* | |
| | | *For Stave Lumber Core (SLC), Add* | *369.77* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *221.86* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *59.16* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *266.23* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *369.77* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *591.62* | |
| | | *For >50 To 100, Deduct* | *-32.70* | |
| | | *For >100, Deduct* | *-47.71* | |
| | | *For 9' Door Height, Add* | *103.53* | |
| 08 14 16 00-0471 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 655.92 | 57.98 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.80* | |
| | | *For Stave Lumber Core (SLC), Add* | *404.98* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *242.99* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *64.80* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *291.58* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *404.98* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *647.96* | |
| | | *For >50 To 100, Deduct* | *-35.69* | |
| | | *For >100, Deduct* | *-52.09* | |
| | | *For 9' Door Height, Add* | *113.39* | |

## 08 14 16 00-0472 Oak Faced Wood Doors *(08 14 16 00-0440)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0473 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 452.50 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.16* | |
| | | *For Stave Lumber Core (SLC), Add* | *268.52* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *161.11* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *42.96* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *193.33* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *268.52* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *429.62* | |
| | | *For >50 To 100, Deduct* | *-24.99* | |
| | | *For >100, Deduct* | *-36.30* | |
| 08 14 16 00-0474 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 452.50 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.16* | |
| | | *For Stave Lumber Core (SLC), Add* | *268.52* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *161.11* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *42.96* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *193.33* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *268.52* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *429.62* | |
| | | *For >50 To 100, Deduct* | *-24.99* | |
| | | *For >100, Deduct* | *-36.30* | |
| 08 14 16 00-0475 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 456.79 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.16* | |
| | | *For Stave Lumber Core (SLC), Add* | *268.52* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *161.11* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *42.96* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *193.33* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *268.52* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *429.62* | |
| | | *For >50 To 100, Deduct* | *-25.31* | |
| | | *For >100, Deduct* | *-36.73* | |
| 08 14 16 00-0476 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 460.47 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.23* | |
| | | *For Stave Lumber Core (SLC), Add* | *271.28* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *162.77* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *43.40* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *195.32* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *271.28* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *434.04* | |
| | | *For >50 To 100, Deduct* | *-25.49* | |
| | | *For >100, Deduct* | *-37.00* | |
| 08 14 16 00-0477 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 462.13 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.27* | |
| | | *For Stave Lumber Core (SLC), Add* | *272.52* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *163.51* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *43.60* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *196.21* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *272.52* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *436.03* | |
| | | *For >50 To 100, Deduct* | *-25.58* | |
| | | *For >100, Deduct* | *-37.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0478 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 468.09 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.30* | |
| | | *For Stave Lumber Core (SLC), Add* | *273.77* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *164.26* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *43.80* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *197.12* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *273.77* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *438.04* | |
| | | *For >50 To 100, Deduct* | *-25.98* | |
| | | *For >100, Deduct* | *-37.68* | |
| 08 14 16 00-0479 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 508.18 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.10* | |
| | | *For Stave Lumber Core (SLC), Add* | *303.84* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *182.30* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *48.61* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *218.76* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *303.84* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *486.14* | |
| | | *For >50 To 100, Deduct* | *-27.99* | |
| | | *For >100, Deduct* | *-40.69* | |
| 08 14 16 00-0480 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 615.72 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.17* | |
| | | *For Stave Lumber Core (SLC), Add* | *381.27* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *228.76* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *61.00* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *274.51* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *381.27* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *610.03* | |
| | | *For >50 To 100, Deduct* | *-33.47* | |
| | | *For >100, Deduct* | *-48.86* | |
| 08 14 16 00-0481 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 641.50 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.68* | |
| | | *For Stave Lumber Core (SLC), Add* | *400.61* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *240.36* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *64.10* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *288.44* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *400.61* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *640.97* | |
| | | *For >50 To 100, Deduct* | *-34.76* | |
| | | *For >100, Deduct* | *-50.80* | |
| 08 14 16 00-0482 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 700.58 | 57.98 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.69* | |
| | | *For Stave Lumber Core (SLC), Add* | *438.47* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *263.08* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *70.16* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *315.70* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *438.47* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *701.56* | |
| | | *For >50 To 100, Deduct* | *-37.93* | |
| | | *For >100, Deduct* | *-55.44* | |
| 08 14 16 00-0483 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 473.33 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.58* | |
| | | *For Stave Lumber Core (SLC), Add* | *284.14* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *170.48* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *45.46* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *204.58* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *284.14* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *454.62* | |
| | | *For >50 To 100, Deduct* | *-26.03* | |
| | | *For >100, Deduct* | *-37.86* | |
| 08 14 16 00-0484 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 473.33 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.58* | |
| | | *For Stave Lumber Core (SLC), Add* | *284.14* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *170.48* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *45.46* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *204.58* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *284.14* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *454.62* | |
| | | *For >50 To 100, Deduct* | *-26.03* | |
| | | *For >100, Deduct* | *-37.86* | |
| 08 14 16 00-0485 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 477.62 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.58* | |
| | | *For Stave Lumber Core (SLC), Add* | *284.14* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *170.48* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *45.46* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *204.58* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *284.14* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *454.62* | |
| | | *For >50 To 100, Deduct* | *-26.35* | |
| | | *For >100, Deduct* | *-38.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0486 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 481.51 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.65* | |
| | | *For Stave Lumber Core (SLC), Add* | *287.06* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *172.23* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *45.93* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *206.68* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *287.06* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *459.29* | |
| | | *For >50 To 100, Deduct* | *-26.54* | |
| | | *For >100, Deduct* | *-38.58* | |
| 08 14 16 00-0487 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 483.28 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.69* | |
| | | *For Stave Lumber Core (SLC), Add* | *288.38* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *173.03* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *46.14* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *207.64* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *288.38* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *461.41* | |
| | | *For >50 To 100, Deduct* | *-26.63* | |
| | | *For >100, Deduct* | *-38.72* | |
| 08 14 16 00-0488 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 489.34 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-7.73* | |
| | | *For Stave Lumber Core (SLC), Add* | *289.71* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *173.83* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *46.35* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *208.59* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *289.71* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *463.54* | |
| | | *For >50 To 100, Deduct* | *-27.04* | |
| | | *For >100, Deduct* | *-39.28* | |
| 08 14 16 00-0489 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 531.76 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.57* | |
| | | *For Stave Lumber Core (SLC), Add* | *321.53* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *192.92* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *51.44* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *231.50* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *321.53* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *514.44* | |
| | | *For >50 To 100, Deduct* | *-29.16* | |
| | | *For >100, Deduct* | *-42.46* | |
| 08 14 16 00-0490 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 645.32 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.76* | |
| | | *For Stave Lumber Core (SLC), Add* | *403.47* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *242.08* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *64.56* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *290.50* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *403.47* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *645.55* | |
| | | *For >50 To 100, Deduct* | *-34.95* | |
| | | *For >100, Deduct* | *-51.08* | |
| 08 14 16 00-0491 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 672.58 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.30* | |
| | | *For Stave Lumber Core (SLC), Add* | *423.92* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *254.35* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *67.83* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *305.22* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *423.92* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *678.26* | |
| | | *For >50 To 100, Deduct* | *-36.31* | |
| | | *For >100, Deduct* | *-53.13* | |
| 08 14 16 00-0492 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 734.59 | 57.98 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-12.37* | |
| | | *For Stave Lumber Core (SLC), Add* | *463.98* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *278.39* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *74.24* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *334.07* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *463.98* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *742.37* | |
| | | *For >50 To 100, Deduct* | *-39.63* | |
| | | *For >100, Deduct* | *-57.99* | |
| 08 14 16 00-0493 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 547.19 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.05* | |
| | | *For Stave Lumber Core (SLC), Add* | *339.53* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *203.72* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.33* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *244.46* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *339.53* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *543.25* | |
| | | *For >50 To 100, Deduct* | *-29.72* | |
| | | *For >100, Deduct* | *-43.40* | |
| | | *For 9' Door Height, Add* | *95.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0494 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 547.19 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.05* | |
| | | *For Stave Lumber Core (SLC), Add* | *339.53* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *203.72* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.33* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *244.46* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *339.53* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *543.25* | |
| | | *For >50 To 100, Deduct* | *-29.72* | |
| | | *For >100, Deduct* | *-43.40* | |
| | | *For 9' Door Height, Add* | *95.07* | |
| 08 14 16 00-0495 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 551.48 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.05* | |
| | | *For Stave Lumber Core (SLC), Add* | *339.53* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *203.72* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.33* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *244.46* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *339.53* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *543.25* | |
| | | *For >50 To 100, Deduct* | *-30.04* | |
| | | *For >100, Deduct* | *-43.83* | |
| | | *For 9' Door Height, Add* | *95.07* | |
| 08 14 16 00-0496 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 556.15 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.15* | |
| | | *For Stave Lumber Core (SLC), Add* | *343.04* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *205.82* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.89* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *246.99* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *343.04* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *548.86* | |
| | | *For >50 To 100, Deduct* | *-30.28* | |
| | | *For >100, Deduct* | *-44.18* | |
| | | *For 9' Door Height, Add* | *96.05* | |
| 08 14 16 00-0497 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 558.27 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.19* | |
| | | *For Stave Lumber Core (SLC), Add* | *344.63* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *206.78* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *55.14* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *248.13* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *344.63* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *551.40* | |
| | | *For >50 To 100, Deduct* | *-30.38* | |
| | | *For >100, Deduct* | *-44.34* | |
| | | *For 9' Door Height, Add* | *96.50* | |
| 08 14 16 00-0498 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 564.65 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.23* | |
| | | *For Stave Lumber Core (SLC), Add* | *346.19* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *207.72* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *55.39* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *249.26* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *346.19* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *553.91* | |
| | | *For >50 To 100, Deduct* | *-30.81* | |
| | | *For >100, Deduct* | *-44.93* | |
| | | *For 9' Door Height, Add* | *96.93* | |
| 08 14 16 00-0499 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 615.35 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.25* | |
| | | *For Stave Lumber Core (SLC), Add* | *384.22* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *230.53* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *61.47* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *276.64* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *384.22* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *614.75* | |
| | | *For >50 To 100, Deduct* | *-33.34* | |
| | | *For >100, Deduct* | *-48.73* | |
| | | *For 9' Door Height, Add* | *107.58* | |
| 08 14 16 00-0500 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 750.22 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-12.86* | |
| | | *For Stave Lumber Core (SLC), Add* | *482.15* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *289.29* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *77.14* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *347.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *482.15* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *771.43* | |
| | | *For >50 To 100, Deduct* | *-40.20* | |
| | | *For >100, Deduct* | *-58.95* | |
| | | *For 9' Door Height, Add* | *135.00* | |
| 08 14 16 00-0501 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 782.78 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-13.51* | |
| | | *For Stave Lumber Core (SLC), Add* | *506.57* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *303.94* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *81.05* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *364.73* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *506.57* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *810.50* | |
| | | *For >50 To 100, Deduct* | *-41.82* | |
| | | *For >100, Deduct* | *-61.39* | |
| | | *For 9' Door Height, Add* | *141.84* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0502 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 855.23 | 57.98 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-14.79* | |
| | | *For Stave Lumber Core (SLC), Add* | *554.46* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *332.68* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *88.71* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *399.21* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *554.46* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *887.14* | |
| | | *For >50 To 100, Deduct* | *-45.66* | |
| | | *For >100, Deduct* | *-67.04* | |
| | | *For 9' Door Height, Add* | *155.25* | |
| 08 14 16 00-0503 | | **Maple Faced Wood Doors** *(08 14 16 00-0440)* | | |
| 08 14 16 00-0504 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 524.10 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.59* | |
| | | *For Stave Lumber Core (SLC), Add* | *322.22* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *193.33* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *51.55* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *231.99* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *322.22* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *515.54* | |
| | | *For >50 To 100, Deduct* | *-28.57* | |
| | | *For >100, Deduct* | *-41.67* | |
| 08 14 16 00-0505 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 524.10 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.59* | |
| | | *For Stave Lumber Core (SLC), Add* | *322.22* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *193.33* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *51.55* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *231.99* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *322.22* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *515.54* | |
| | | *For >50 To 100, Deduct* | *-28.57* | |
| | | *For >100, Deduct* | *-41.67* | |
| 08 14 16 00-0506 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 528.39 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.59* | |
| | | *For Stave Lumber Core (SLC), Add* | *322.22* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *193.33* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *51.55* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *231.99* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *322.22* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *515.54* | |
| | | *For >50 To 100, Deduct* | *-28.89* | |
| | | *For >100, Deduct* | *-42.10* | |
| 08 14 16 00-0507 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 532.81 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.68* | |
| | | *For Stave Lumber Core (SLC), Add* | *325.53* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *195.32* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *52.08* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *234.38* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *325.53* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *520.85* | |
| | | *For >50 To 100, Deduct* | *-29.11* | |
| | | *For >100, Deduct* | *-42.43* | |
| 08 14 16 00-0508 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 534.79 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.72* | |
| | | *For Stave Lumber Core (SLC), Add* | *327.02* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *196.21* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *52.32* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *235.45* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *327.02* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *523.22* | |
| | | *For >50 To 100, Deduct* | *-29.21* | |
| | | *For >100, Deduct* | *-42.58* | |
| 08 14 16 00-0509 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 541.10 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-8.76* | |
| | | *For Stave Lumber Core (SLC), Add* | *328.53* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *197.12* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *52.56* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *236.54* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *328.53* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *525.65* | |
| | | *For >50 To 100, Deduct* | *-29.63* | |
| | | *For >100, Deduct* | *-43.16* | |
| 08 14 16 00-0510 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 589.22 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.72* | |
| | | *For Stave Lumber Core (SLC), Add* | *364.62* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *218.77* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *58.34* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *262.53* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *364.62* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *583.39* | |
| | | *For >50 To 100, Deduct* | *-32.04* | |
| | | *For >100, Deduct* | *-46.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0511 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 686.90 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.59* | |
| | | *For Stave Lumber Core (SLC), Add* | *434.66* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *260.79* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *69.54* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *312.95* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *434.66* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *695.45* | |
| | | *For >50 To 100, Deduct* | *-37.03* | |
| | | *For >100, Deduct* | *-54.20* | |
| 08 14 16 00-0512 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 747.89 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-12.81* | |
| | | *For Stave Lumber Core (SLC), Add* | *480.40* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *288.24* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *76.86* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *345.89* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *480.40* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *768.64* | |
| | | *For >50 To 100, Deduct* | *-40.08* | |
| | | *For >100, Deduct* | *-58.78* | |
| 08 14 16 00-0513 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 808.95 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-14.03* | |
| | | *For Stave Lumber Core (SLC), Add* | *526.19* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *315.72* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *84.19* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *378.86* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *526.19* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *841.91* | |
| | | *For >50 To 100, Deduct* | *-43.13* | |
| | | *For >100, Deduct* | *-63.36* | |
| 08 14 16 00-0514 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 549.10 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.09* | |
| | | *For Stave Lumber Core (SLC), Add* | *340.97* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *204.58* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.55* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *245.49* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *340.97* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *545.54* | |
| | | *For >50 To 100, Deduct* | *-29.82* | |
| | | *For >100, Deduct* | *-43.54* | |
| 08 14 16 00-0515 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 549.10 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.09* | |
| | | *For Stave Lumber Core (SLC), Add* | *340.97* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *204.58* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.55* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *245.49* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *340.97* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *545.54* | |
| | | *For >50 To 100, Deduct* | *-29.82* | |
| | | *For >100, Deduct* | *-43.54* | |
| 08 14 16 00-0516 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 553.39 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.09* | |
| | | *For Stave Lumber Core (SLC), Add* | *340.97* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *204.58* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.55* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *245.49* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *340.97* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *545.54* | |
| | | *For >50 To 100, Deduct* | *-30.14* | |
| | | *For >100, Deduct* | *-43.97* | |
| 08 14 16 00-0517 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 558.06 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.19* | |
| | | *For Stave Lumber Core (SLC), Add* | *344.47* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *206.68* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *55.11* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *248.02* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *344.47* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *551.15* | |
| | | *For >50 To 100, Deduct* | *-30.37* | |
| | | *For >100, Deduct* | *-44.32* | |
| 08 14 16 00-0518 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 560.18 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.23* | |
| | | *For Stave Lumber Core (SLC), Add* | *346.06* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *207.63* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *55.37* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *249.16* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *346.06* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *553.69* | |
| | | *For >50 To 100, Deduct* | *-30.48* | |
| | | *For >100, Deduct* | *-44.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0519 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 566.59 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-9.27* | |
| | | *For Stave Lumber Core (SLC), Add* | *347.65* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *208.59* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *55.62* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *250.31* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *347.65* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *556.24* | |
| | | *For >50 To 100, Deduct* | *-30.91* | |
| | | *For >100, Deduct* | *-45.07* | |
| 08 14 16 00-0520 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 617.50 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.29* | |
| | | *For Stave Lumber Core (SLC), Add* | *385.83* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *231.50* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *61.73* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *277.80* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *385.83* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *617.33* | |
| | | *For >50 To 100, Deduct* | *-33.45* | |
| | | *For >100, Deduct* | *-48.89* | |
| 08 14 16 00-0521 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 720.63 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-12.27* | |
| | | *For Stave Lumber Core (SLC), Add* | *459.95* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *275.97* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *73.59* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *331.17* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *459.95* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *735.92* | |
| | | *For >50 To 100, Deduct* | *-38.72* | |
| | | *For >100, Deduct* | *-56.73* | |
| 08 14 16 00-0522 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 785.19 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-13.56* | |
| | | *For Stave Lumber Core (SLC), Add* | *508.37* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *305.02* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *81.34* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *366.03* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *508.37* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *813.40* | |
| | | *For >50 To 100, Deduct* | *-41.94* | |
| | | *For >100, Deduct* | *-61.57* | |
| 08 14 16 00-0523 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 849.79 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-14.85* | |
| | | *For Stave Lumber Core (SLC), Add* | *556.82* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *334.09* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *89.09* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *400.91* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *556.82* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *890.92* | |
| | | *For >50 To 100, Deduct* | *-45.17* | |
| | | *For >100, Deduct* | *-66.42* | |
| 08 14 16 00-0524 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 637.74 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.87* | |
| | | *For Stave Lumber Core (SLC), Add* | *407.45* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *244.47* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *65.19* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *293.36* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *407.45* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *651.91* | |
| | | *For >50 To 100, Deduct* | *-34.25* | |
| | | *For >100, Deduct* | *-50.19* | |
| | | *For 9' Door Height, Add* | *114.08* | |
| 08 14 16 00-0525 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 637.74 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.87* | |
| | | *For Stave Lumber Core (SLC), Add* | *407.45* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *244.47* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *65.19* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *293.36* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *407.45* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *651.91* | |
| | | *For >50 To 100, Deduct* | *-34.25* | |
| | | *For >100, Deduct* | *-50.19* | |
| | | *For 9' Door Height, Add* | *114.08* | |
| 08 14 16 00-0526 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 642.03 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.87* | |
| | | *For Stave Lumber Core (SLC), Add* | *407.45* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *244.47* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *65.19* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *293.36* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *407.45* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *651.91* | |
| | | *For >50 To 100, Deduct* | *-34.57* | |
| | | *For >100, Deduct* | *-50.62* | |
| | | *For 9' Door Height, Add* | *114.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0527 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 647.62 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.98* | |
| | | *For Stave Lumber Core (SLC), Add* | *411.64* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *246.98* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *65.86* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *296.38* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *411.64* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *658.62* | |
| | | *For >50 To 100, Deduct* | *-34.85* | |
| | | *For >100, Deduct* | *-51.04* | |
| | | *For 9' Door Height, Add* | *115.26* | |
| 08 14 16 00-0528 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 650.16 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.03* | |
| | | *For Stave Lumber Core (SLC), Add* | *413.54* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *248.13* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *66.17* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *297.75* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *413.54* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *661.67* | |
| | | *For >50 To 100, Deduct* | *-34.98* | |
| | | *For >100, Deduct* | *-51.23* | |
| | | *For 9' Door Height, Add* | *115.79* | |
| 08 14 16 00-0529 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 656.96 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.08* | |
| | | *For Stave Lumber Core (SLC), Add* | *415.43* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *249.26* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *66.47* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *299.11* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *415.43* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *664.68* | |
| | | *For >50 To 100, Deduct* | *-35.42* | |
| | | *For >100, Deduct* | *-51.85* | |
| | | *For 9' Door Height, Add* | *116.32* | |
| 08 14 16 00-0530 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 717.81 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-12.30* | |
| | | *For Stave Lumber Core (SLC), Add* | *461.06* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *276.64* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *73.77* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *331.97* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *461.06* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *737.70* | |
| | | *For >50 To 100, Deduct* | *-38.47* | |
| | | *For >100, Deduct* | *-56.41* | |
| | | *For 9' Door Height, Add* | *129.10* | |
| 08 14 16 00-0531 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 840.20 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-14.66* | |
| | | *For Stave Lumber Core (SLC), Add* | *549.63* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *329.78* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *87.94* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *395.73* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *549.63* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *879.41* | |
| | | *For >50 To 100, Deduct* | *-44.69* | |
| | | *For >100, Deduct* | *-65.70* | |
| | | *For 9' Door Height, Add* | *153.90* | |
| 08 14 16 00-0532 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 917.35 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-16.20* | |
| | | *For Stave Lumber Core (SLC), Add* | *607.49* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *364.50* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *97.20* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *437.39* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *607.49* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *971.99* | |
| | | *For >50 To 100, Deduct* | *-48.55* | |
| | | *For >100, Deduct* | *-71.49* | |
| | | *For 9' Door Height, Add* | *170.10* | |
| 08 14 16 00-0533 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 994.54 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-17.74* | |
| | | *For Stave Lumber Core (SLC), Add* | *665.39* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *399.23* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *106.46* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *479.08* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *665.39* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *1,064.62* | |
| | | *For >50 To 100, Deduct* | *-52.41* | |
| | | *For >100, Deduct* | *-77.27* | |
| | | *For 9' Door Height, Add* | *186.31* | |

08 14 16 00-0534 Walnut Faced Wood Doors *(08 14 16 00-0440)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0535 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 643.79 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.99* | |
| | | *For Stave Lumber Core (SLC), Add* | *411.98* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *247.19* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *65.92* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *296.63* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *411.98* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *659.17* | |
| | | *For >50 To 100, Deduct* | *-34.55* | |
| | | *For >100, Deduct* | *-50.65* | |
| 08 14 16 00-0536 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 643.79 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.99* | |
| | | *For Stave Lumber Core (SLC), Add* | *411.98* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *247.19* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *65.92* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *296.63* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *411.98* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *659.17* | |
| | | *For >50 To 100, Deduct* | *-34.55* | |
| | | *For >100, Deduct* | *-50.65* | |
| 08 14 16 00-0537 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 648.25 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-10.99* | |
| | | *For Stave Lumber Core (SLC), Add* | *412.11* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *247.27* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *65.94* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *296.72* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *412.11* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *659.38* | |
| | | *For >50 To 100, Deduct* | *-34.88* | |
| | | *For >100, Deduct* | *-51.09* | |
| 08 14 16 00-0538 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 653.91 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.10* | |
| | | *For Stave Lumber Core (SLC), Add* | *416.36* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *249.81* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *66.62* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *299.78* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *416.36* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *666.17* | |
| | | *For >50 To 100, Deduct* | *-35.16* | |
| | | *For >100, Deduct* | *-51.51* | |
| 08 14 16 00-0539 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 668.72 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.40* | |
| | | *For Stave Lumber Core (SLC), Add* | *427.46* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *256.48* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *68.39* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *307.77* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *427.46* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *683.94* | |
| | | *For >50 To 100, Deduct* | *-35.91* | |
| | | *For >100, Deduct* | *-52.62* | |
| 08 14 16 00-0540 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 687.79 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.69* | |
| | | *For Stave Lumber Core (SLC), Add* | *438.55* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *263.13* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *70.17* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *315.75* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *438.55* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *701.68* | |
| | | *For >50 To 100, Deduct* | *-36.97* | |
| | | *For >100, Deduct* | *-54.16* | |
| 08 14 16 00-0541 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 726.19 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-12.46* | |
| | | *For Stave Lumber Core (SLC), Add* | *467.35* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *280.41* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *74.78* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *336.49* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *467.35* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *747.76* | |
| | | *For >50 To 100, Deduct* | *-38.89* | |
| | | *For >100, Deduct* | *-57.04* | |
| 08 14 16 00-0542 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 892.57 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-15.70* | |
| | | *For Stave Lumber Core (SLC), Add* | *588.91* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *353.34* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *94.23* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *424.01* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *588.91* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *942.25* | |
| | | *For >50 To 100, Deduct* | *-47.31* | |
| | | *For >100, Deduct* | *-69.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0543 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 931.81 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-16.49* | |
| | | *For Stave Lumber Core (SLC), Add* | *618.34* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *371.00* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *98.93* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *445.20* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *618.34* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *989.34* | |
| | | *For >50 To 100, Deduct* | *-49.27* | |
| | | *For >100, Deduct* | *-72.57* | |
| 08 14 16 00-0544 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 1,010.38 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-18.06* | |
| | | *For Stave Lumber Core (SLC), Add* | *677.27* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *406.36* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *108.36* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *487.63* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *677.27* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *1,083.62* | |
| | | *For >50 To 100, Deduct* | *-53.20* | |
| | | *For >100, Deduct* | *-78.46* | |
| 08 14 16 00-0545 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 675.75 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.63* | |
| | | *For Stave Lumber Core (SLC), Add* | *435.95* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *261.57* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *69.75* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *313.89* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *435.95* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *697.52* | |
| | | *For >50 To 100, Deduct* | *-36.15* | |
| | | *For >100, Deduct* | *-53.04* | |
| 08 14 16 00-0546 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 675.75 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.63* | |
| | | *For Stave Lumber Core (SLC), Add* | *435.95* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *261.57* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *69.75* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *313.89* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *435.95* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *697.52* | |
| | | *For >50 To 100, Deduct* | *-36.15* | |
| | | *For >100, Deduct* | *-53.04* | |
| 08 14 16 00-0547 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 680.22 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.63* | |
| | | *For Stave Lumber Core (SLC), Add* | *436.09* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *261.65* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *69.77* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *313.98* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *436.09* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *697.74* | |
| | | *For >50 To 100, Deduct* | *-36.48* | |
| | | *For >100, Deduct* | *-53.49* | |
| 08 14 16 00-0548 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 686.23 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-11.75* | |
| | | *For Stave Lumber Core (SLC), Add* | *440.60* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *264.36* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *70.50* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *317.23* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *440.60* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *704.95* | |
| | | *For >50 To 100, Deduct* | *-36.78* | |
| | | *For >100, Deduct* | *-53.94* | |
| 08 14 16 00-0549 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 701.89 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-12.06* | |
| | | *For Stave Lumber Core (SLC), Add* | *452.34* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *271.40* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *72.37* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *325.68* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *452.34* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *723.74* | |
| | | *For >50 To 100, Deduct* | *-37.56* | |
| | | *For >100, Deduct* | *-55.11* | |
| 08 14 16 00-0550 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 721.81 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-12.38* | |
| | | *For Stave Lumber Core (SLC), Add* | *464.06* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *278.44* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *74.25* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *334.13* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *464.06* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *742.50* | |
| | | *For >50 To 100, Deduct* | *-38.67* | |
| | | *For >100, Deduct* | *-56.71* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0551 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 762.47 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-13.19* | |
| | | *For Stave Lumber Core (SLC), Add* | *494.56* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *296.73* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *79.13* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *356.08* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *494.56* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *791.29* | |
| | | *For >50 To 100, Deduct* | *-40.70* | |
| | | *For >100, Deduct* | *-59.76* | |
| 08 14 16 00-0552 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 938.25 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-16.62* | |
| | | *For Stave Lumber Core (SLC), Add* | *623.17* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *373.90* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *99.71* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *448.68* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *623.17* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *997.07* | |
| | | *For >50 To 100, Deduct* | *-49.60* | |
| | | *For >100, Deduct* | *-73.05* | |
| 08 14 16 00-0553 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 979.79 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-17.45* | |
| | | *For Stave Lumber Core (SLC), Add* | *654.32* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *392.59* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *104.69* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *471.11* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *654.32* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *1,046.92* | |
| | | *For >50 To 100, Deduct* | *-51.67* | |
| | | *For >100, Deduct* | *-76.17* | |
| 08 14 16 00-0554 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 1,062.92 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-19.11* | |
| | | *For Stave Lumber Core (SLC), Add* | *716.67* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *430.00* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *114.67* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *516.00* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *716.67* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *1,146.67* | |
| | | *For >50 To 100, Deduct* | *-55.83* | |
| | | *For >100, Deduct* | *-82.40* | |
| 08 14 16 00-0555 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 789.10 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-13.89* | |
| | | *For Stave Lumber Core (SLC), Add* | *520.97* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *312.58* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *83.35* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *375.09* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *520.97* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *833.54* | |
| | | *For >50 To 100, Deduct* | *-41.82* | |
| | | *For >100, Deduct* | *-61.54* | |
| | | *For 9' Door Height, Add* | *145.87* | |
| 08 14 16 00-0556 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 789.10 | 47.24 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-13.89* | |
| | | *For Stave Lumber Core (SLC), Add* | *520.97* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *312.58* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *83.35* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *375.09* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *520.97* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *833.54* | |
| | | *For >50 To 100, Deduct* | *-41.82* | |
| | | *For >100, Deduct* | *-61.54* | |
| | | *For 9' Door Height, Add* | *145.87* | |
| 08 14 16 00-0557 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 793.61 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-13.90* | |
| | | *For Stave Lumber Core (SLC), Add* | *521.13* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *312.68* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *83.38* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *375.21* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *521.13* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *833.81* | |
| | | *For >50 To 100, Deduct* | *-42.15* | |
| | | *For >100, Deduct* | *-61.99* | |
| | | *For 9' Door Height, Add* | *145.92* | |
| 08 14 16 00-0558 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 800.78 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-14.04* | |
| | | *For Stave Lumber Core (SLC), Add* | *526.51* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *315.90* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *84.24* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *379.09* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *526.51* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *842.41* | |
| | | *For >50 To 100, Deduct* | *-42.51* | |
| | | *For >100, Deduct* | *-62.53* | |
| | | *For 9' Door Height, Add* | *147.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0559 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 819.49 | 49.38 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-14.41* | |
| | | *For Stave Lumber Core (SLC), Add* | *540.54* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *324.32* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *86.49* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *389.19* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *540.54* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *864.86* | |
| | | *For >50 To 100, Deduct* | *-43.44* | |
| | | *For >100, Deduct* | *-63.93* | |
| | | *For 9' Door Height, Add* | *151.35* | |
| 08 14 16 00-0560 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 842.48 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-14.79* | |
| | | *For Stave Lumber Core (SLC), Add* | *554.57* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *332.74* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *88.73* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *399.29* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *554.57* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *887.30* | |
| | | *For >50 To 100, Deduct* | *-44.70* | |
| | | *For >100, Deduct* | *-65.76* | |
| | | *For 9' Door Height, Add* | *155.28* | |
| 08 14 16 00-0561 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 891.06 | 51.53 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-15.76* | |
| | | *For Stave Lumber Core (SLC), Add* | *591.00* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *354.60* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *94.56* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *425.52* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *591.00* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *945.60* | |
| | | *For >50 To 100, Deduct* | *-47.13* | |
| | | *For >100, Deduct* | *-69.41* | |
| | | *For 9' Door Height, Add* | *165.48* | |
| 08 14 16 00-0562 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 1,100.29 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-19.86* | |
| | | *For Stave Lumber Core (SLC), Add* | *744.70* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *446.82* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *119.15* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *536.18* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *744.70* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *1,191.52* | |
| | | *For >50 To 100, Deduct* | *-57.70* | |
| | | *For >100, Deduct* | *-85.21* | |
| | | *For 9' Door Height, Add* | *208.52* | |
| 08 14 16 00-0563 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 1,149.93 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-20.85* | |
| | | *For Stave Lumber Core (SLC), Add* | *781.93* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *469.16* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *125.11* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *562.99* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *781.93* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *1,251.08* | |
| | | *For >50 To 100, Deduct* | *-60.18* | |
| | | *For >100, Deduct* | *-88.93* | |
| | | *For 9' Door Height, Add* | *218.94* | |
| 08 14 16 00-0564 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door | 1,249.25 | 53.68 |
| | | *For 7 Ply Cold Press Construction, Deduct* | *-22.84* | |
| | | *For Stave Lumber Core (SLC), Add* | *856.42* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *513.85* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *137.03* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *616.62* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *856.42* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *1,370.27* | |
| | | *For >50 To 100, Deduct* | *-65.15* | |
| | | *For >100, Deduct* | *-96.38* | |
| | | *For 9' Door Height, Add* | *239.80* | |

### 08 14 16 00-0565 Lauan Faced Wood Doors *(08 14 16 00-0440)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0566 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 315.25 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *26.49* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *119.22* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *165.58* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *264.92* | |
| | | *For >50 To 100, Deduct* | *-18.12* | |
| | | *For >100, Deduct* | *-26.01* | |
| 08 14 16 00-0567 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 315.25 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *26.49* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *119.22* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *165.58* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *264.92* | |
| | | *For >50 To 100, Deduct* | *-18.12* | |
| | | *For >100, Deduct* | *-26.01* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0568 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 320.18 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *26.57* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *119.56* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *166.06* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *265.69* | |
| | | *For >50 To 100, Deduct* | *-18.48* | |
| | | *For >100, Deduct* | *-26.48* | |
| 08 14 16 00-0569 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 326.54 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *27.33* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *123.00* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *170.83* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *273.32* | |
| | | *For >50 To 100, Deduct* | *-18.80* | |
| | | *For >100, Deduct* | *-26.96* | |
| 08 14 16 00-0570 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 328.84 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *27.61* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *124.24* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *172.55* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *276.08* | |
| | | *For >50 To 100, Deduct* | *-18.91* | |
| | | *For >100, Deduct* | *-27.13* | |
| 08 14 16 00-0571 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 335.43 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *27.88* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *125.48* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *174.28* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *278.84* | |
| | | *For >50 To 100, Deduct* | *-19.35* | |
| | | *For >100, Deduct* | *-27.73* | |
| 08 14 16 00-0572 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 356.43 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.40* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *136.82* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *190.03* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *304.04* | |
| | | *For >50 To 100, Deduct* | *-20.40* | |
| | | *For >100, Deduct* | *-29.31* | |
| 08 14 16 00-0573 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 378.80 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *32.57* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *146.58* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *203.58* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *325.73* | |
| | | *For >50 To 100, Deduct* | *-21.62* | |
| | | *For >100, Deduct* | *-31.09* | |
| 08 14 16 00-0574 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 392.37 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.20* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *153.91* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *213.76* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *342.01* | |
| | | *For >50 To 100, Deduct* | *-22.30* | |
| | | *For >100, Deduct* | *-32.11* | |
| 08 14 16 00-0575 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 419.53 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *37.46* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *168.57* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *234.13* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *374.60* | |
| | | *For >50 To 100, Deduct* | *-23.66* | |
| | | *For >100, Deduct* | *-34.15* | |
| 08 14 16 00-0576 | EA | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 328.09 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *28.03* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *126.15* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *175.21* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *280.33* | |
| | | *For >50 To 100, Deduct* | *-18.77* | |
| | | *For >100, Deduct* | *-26.97* | |
| 08 14 16 00-0577 | EA | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 328.08 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *28.03* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *126.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *175.20* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *280.32* | |
| | | *For >50 To 100, Deduct* | *-18.77* | |
| | | *For >100, Deduct* | *-26.97* | |
| 08 14 16 00-0578 | EA | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 333.06 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *28.11* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *126.52* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *175.72* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *281.15* | |
| | | *For >50 To 100, Deduct* | *-19.12* | |
| | | *For >100, Deduct* | *-27.45* | |
| 08 14 16 00-0579 | EA | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 339.78 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *28.92* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *130.15* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *180.76* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *289.21* | |
| | | *For >50 To 100, Deduct* | *-19.46* | |
| | | *For >100, Deduct* | *-27.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0580 | EA | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 342.24 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.22* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *131.47* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *182.60* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *292.16* | |
| | | *For >50 To 100, Deduct* | *-19.58* | |
| | | *For >100, Deduct* | *-28.14* | |
| 08 14 16 00-0581 | EA | 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 348.95 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.51* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *132.78* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *184.42* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *295.07* | |
| | | *For >50 To 100, Deduct* | *-20.02* | |
| | | *For >100, Deduct* | *-28.75* | |
| 08 14 16 00-0582 | EA | 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 371.17 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *32.17* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *144.78* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *201.08* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *321.73* | |
| | | *For >50 To 100, Deduct* | *-21.14* | |
| | | *For >100, Deduct* | *-30.41* | |
| 08 14 16 00-0583 | EA | 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 394.60 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.47* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *155.11* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *215.43* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *344.69* | |
| | | *For >50 To 100, Deduct* | *-22.41* | |
| | | *For >100, Deduct* | *-32.28* | |
| 08 14 16 00-0584 | EA | 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 408.96 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.19* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *162.86* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *226.20* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *361.92* | |
| | | *For >50 To 100, Deduct* | *-23.13* | |
| | | *For >100, Deduct* | *-33.36* | |
| 08 14 16 00-0585 | EA | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 437.70 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *39.64* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *178.38* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *247.76* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *396.41* | |
| | | *For >50 To 100, Deduct* | *-24.57* | |
| | | *For >100, Deduct* | *-35.51* | |
| 08 14 16 00-0586 | EA | 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 373.62 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.50* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *150.74* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *209.36* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *334.97* | |
| | | *For >50 To 100, Deduct* | *-21.04* | |
| | | *For >100, Deduct* | *-30.38* | |
| | | *For 9' Door Height, Add* | *58.62* | |
| 08 14 16 00-0587 | EA | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 373.62 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.50* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *150.74* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *209.36* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *334.97* | |
| | | *For >50 To 100, Deduct* | *-21.04* | |
| | | *For >100, Deduct* | *-30.38* | |
| | | *For 9' Door Height, Add* | *58.62* | |
| 08 14 16 00-0588 | EA | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 378.73 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.60* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *151.18* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *209.97* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *335.95* | |
| | | *For >50 To 100, Deduct* | *-21.41* | |
| | | *For >100, Deduct* | *-30.87* | |
| | | *For 9' Door Height, Add* | *58.79* | |
| 08 14 16 00-0589 | EA | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 386.79 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.56* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *155.53* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *216.02* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *345.62* | |
| | | *For >50 To 100, Deduct* | *-21.81* | |
| | | *For >100, Deduct* | *-31.48* | |
| | | *For 9' Door Height, Add* | *60.48* | |
| 08 14 16 00-0590 | EA | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 389.72 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.91* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *157.11* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *218.21* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *349.14* | |
| | | *For >50 To 100, Deduct* | *-21.96* | |
| | | *For >100, Deduct* | *-31.70* | |
| | | *For 9' Door Height, Add* | *61.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0591 | EA | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 396.91 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *35.26* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *158.68* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *220.39* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *352.62* | |
| | | *For >50 To 100, Deduct* | *-22.42* | |
| | | *For >100, Deduct* | *-32.34* | |
| | | *For 9' Door Height, Add* | *61.71* | |
| 08 14 16 00-0592 | EA | 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 423.47 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *38.45* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *173.02* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *240.31* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *384.49* | |
| | | *For >50 To 100, Deduct* | *-23.75* | |
| | | *For >100, Deduct* | *-34.34* | |
| | | *For 9' Door Height, Add* | *67.29* | |
| 08 14 16 00-0593 | EA | 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 450.61 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *41.19* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *185.36* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *257.44* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *411.90* | |
| | | *For >50 To 100, Deduct* | *-25.21* | |
| | | *For >100, Deduct* | *-36.48* | |
| | | *For 9' Door Height, Add* | *72.08* | |
| 08 14 16 00-0594 | EA | 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 467.75 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *43.25* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *194.61* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *270.29* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *432.47* | |
| | | *For >50 To 100, Deduct* | *-26.07* | |
| | | *For >100, Deduct* | *-37.77* | |
| | | *For 9' Door Height, Add* | *75.68* | |
| 08 14 16 00-0595 | EA | 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 502.12 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *47.37* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *213.17* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *296.07* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *473.71* | |
| | | *For >50 To 100, Deduct* | *-27.79* | |
| | | *For >100, Deduct* | *-40.34* | |
| | | *For 9' Door Height, Add* | *82.90* | |

### 08 14 16 00-0596 Medium Density Overlay (MDO) Wood Doors *(08 14 16 00-0440)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0597 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 324.62 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *172.61* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *103.56* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *27.62* | |
| | | *For >50 To 100, Deduct* | *-18.59* | |
| | | *For >100, Deduct* | *-26.71* | |
| 08 14 16 00-0598 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 324.62 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *172.61* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *103.56* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *27.62* | |
| | | *For >50 To 100, Deduct* | *-18.59* | |
| | | *For >100, Deduct* | *-26.71* | |
| 08 14 16 00-0599 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 342.24 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *182.60* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *109.56* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.22* | |
| | | *For >50 To 100, Deduct* | *-19.58* | |
| | | *For >100, Deduct* | *-28.14* | |
| 08 14 16 00-0600 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 355.53 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *192.57* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *115.54* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.81* | |
| | | *For >50 To 100, Deduct* | *-20.25* | |
| | | *For >100, Deduct* | *-29.13* | |
| 08 14 16 00-0601 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 358.01 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *194.43* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *116.66* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.11* | |
| | | *For >50 To 100, Deduct* | *-20.37* | |
| | | *For >100, Deduct* | *-29.32* | |
| 08 14 16 00-0602 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 364.81 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *196.31* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *117.79* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.41* | |
| | | *For >50 To 100, Deduct* | *-20.82* | |
| | | *For >100, Deduct* | *-29.94* | |
| 08 14 16 00-0603 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 393.66 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *217.95* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *130.77* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.87* | |
| | | *For >50 To 100, Deduct* | *-22.26* | |
| | | *For >100, Deduct* | *-32.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0604 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 450.64 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *257.46* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *154.48* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *41.19* | |
| | | *For >50 To 100, Deduct* | *-25.22* | |
| | | *For >100, Deduct* | *-36.48* | |
| 08 14 16 00-0605 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 467.82 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *270.35* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *162.21* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *43.26* | |
| | | *For >50 To 100, Deduct* | *-26.08* | |
| | | *For >100, Deduct* | *-37.77* | |
| 08 14 16 00-0606 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 502.12 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *296.07* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *177.64* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *47.37* | |
| | | *For >50 To 100, Deduct* | *-27.79* | |
| | | *For >100, Deduct* | *-40.34* | |
| 08 14 16 00-0607 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 338.02 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *182.66* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *109.59* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.22* | |
| | | *For >50 To 100, Deduct* | *-19.26* | |
| | | *For >100, Deduct* | *-27.71* | |
| 08 14 16 00-0608 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 338.02 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *182.66* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *109.59* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.22* | |
| | | *For >50 To 100, Deduct* | *-19.26* | |
| | | *For >100, Deduct* | *-27.71* | |
| 08 14 16 00-0609 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 356.42 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *193.24* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *115.94* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.92* | |
| | | *For >50 To 100, Deduct* | *-20.29* | |
| | | *For >100, Deduct* | *-29.20* | |
| 08 14 16 00-0610 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 370.49 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *203.79* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *122.27* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *32.61* | |
| | | *For >50 To 100, Deduct* | *-20.99* | |
| | | *For >100, Deduct* | *-30.26* | |
| 08 14 16 00-0611 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 373.11 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *205.76* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *123.45* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *32.92* | |
| | | *For >50 To 100, Deduct* | *-21.12* | |
| | | *For >100, Deduct* | *-30.45* | |
| 08 14 16 00-0612 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 380.05 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *207.74* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *124.65* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.24* | |
| | | *For >50 To 100, Deduct* | *-21.58* | |
| | | *For >100, Deduct* | *-31.08* | |
| 08 14 16 00-0613 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 410.56 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *230.63* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *138.38* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.90* | |
| | | *For >50 To 100, Deduct* | *-23.10* | |
| | | *For >100, Deduct* | *-33.37* | |
| 08 14 16 00-0614 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 470.62 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *272.45* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *163.47* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *43.59* | |
| | | *For >50 To 100, Deduct* | *-26.22* | |
| | | *For >100, Deduct* | *-37.98* | |
| 08 14 16 00-0615 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 488.79 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *286.07* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *171.64* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *45.77* | |
| | | *For >50 To 100, Deduct* | *-27.12* | |
| | | *For >100, Deduct* | *-39.34* | |
| 08 14 16 00-0616 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 525.10 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *313.31* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *187.98* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *50.13* | |
| | | *For >50 To 100, Deduct* | *-28.94* | |
| | | *For >100, Deduct* | *-42.07* | |
| 08 14 16 00-0617 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 385.50 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *218.27* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *130.96* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.92* | |
| | | *For >50 To 100, Deduct* | *-21.64* | |
| | | *For >100, Deduct* | *-31.27* | |
| | | *For 9' Door Height, Add* | *61.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 16 00-0618 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 385.50 | 47.24 |
| | | *For Stave Lumber Core (SLC), Add* | *218.27* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *130.96* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.92* | |
| | | *For >50 To 100, Deduct* | *-21.64* | |
| | | *For >100, Deduct* | *-31.27* | |
| | | *For 9' Door Height, Add* | *61.11* | |
| 08 14 16 00-0619 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 406.66 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *230.92* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *138.55* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.95* | |
| | | *For >50 To 100, Deduct* | *-22.80* | |
| | | *For >100, Deduct* | *-32.97* | |
| | | *For 9' Door Height, Add* | *64.66* | |
| 08 14 16 00-0620 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 423.49 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *243.54* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *146.12* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *38.97* | |
| | | *For >50 To 100, Deduct* | *-23.64* | |
| | | *For >100, Deduct* | *-34.23* | |
| | | *For 9' Door Height, Add* | *68.19* | |
| 08 14 16 00-0621 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 426.60 | 49.38 |
| | | *For Stave Lumber Core (SLC), Add* | *245.87* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *147.52* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *39.34* | |
| | | *For >50 To 100, Deduct* | *-23.80* | |
| | | *For >100, Deduct* | *-34.46* | |
| | | *For 9' Door Height, Add* | *68.84* | |
| 08 14 16 00-0622 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 434.07 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *248.26* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *148.95* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *39.72* | |
| | | *For >50 To 100, Deduct* | *-24.28* | |
| | | *For >100, Deduct* | *-35.13* | |
| | | *For 9' Door Height, Add* | *69.51* | |
| 08 14 16 00-0623 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 470.53 | 51.53 |
| | | *For Stave Lumber Core (SLC), Add* | *275.60* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *165.36* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *44.10* | |
| | | *For >50 To 100, Deduct* | *-26.10* | |
| | | *For >100, Deduct* | *-37.87* | |
| | | *For 9' Door Height, Add* | *77.17* | |
| 08 14 16 00-0624 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 541.44 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *325.56* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *195.34* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *52.09* | |
| | | *For >50 To 100, Deduct* | *-29.76* | |
| | | *For >100, Deduct* | *-43.29* | |
| | | *For 9' Door Height, Add* | *91.16* | |
| 08 14 16 00-0625 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 563.18 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *341.87* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *205.12* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.70* | |
| | | *For >50 To 100, Deduct* | *-30.84* | |
| | | *For >100, Deduct* | *-44.92* | |
| | | *For 9' Door Height, Add* | *95.72* | |
| 08 14 16 00-0626 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 606.57 | 53.68 |
| | | *For Stave Lumber Core (SLC), Add* | *374.41* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *224.64* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *59.91* | |
| | | *For >50 To 100, Deduct* | *-33.01* | |
| | | *For >100, Deduct* | *-48.18* | |
| | | *For 9' Door Height, Add* | *104.83* | |

### 08 14 16 00-0627 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

| | | | | |
|---|---|---|---|---|
| 08 14 16 00-0628 | EA | Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door<br>Note: Includes any standard manufacturer color on six sides. | 64.56 | |
| | | *For Custom Color To Match Non Standard Manufacturer Finish, Add* | *21.50* | |

## 08 14 23 Clad Wood Doors *(08 14)*

### 08 14 23 13 Metal-Faced Wood Doors *(08 14 23)*

See CSI section 08 70 00 00-0000 for finish hardware.

### 08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core *(08 14 23 13)*

| | | | | |
|---|---|---|---|---|
| 08 14 23 13-0002 | EA | 2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door | 714.14 | 105.65 |
| 08 14 23 13-0003 | EA | 2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door | 760.38 | 115.95 |
| 08 14 23 13-0004 | EA | 2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door | 813.78 | 127.98 |
| 08 14 23 13-0005 | EA | 3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door | 851.65 | 132.27 |
| 08 14 23 13-0006 | EA | 3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door | 907.52 | 145.58 |
| 08 14 23 13-0007 | EA | 3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door | 990.07 | 150.31 |

### 08 14 23 16 Plastic-Laminate-Faced Wood Doors *(08 14 23)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 16-0001 | | 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)* Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces. | | |
| 08 14 23 16-0002 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 236.06 | 47.24 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *63.71* | |
| | | *For 5 Ply Construction, Add* | *4.96* | |
| | | *For >50 To 100, Deduct* | *-14.17* | |
| | | *For >100, Deduct* | *-20.07* | |
| 08 14 23 16-0003 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 236.06 | 47.24 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *63.71* | |
| | | *For 5 Ply Construction, Add* | *4.96* | |
| | | *For >50 To 100, Deduct* | *-14.17* | |
| | | *For >100, Deduct* | *-20.07* | |
| 08 14 23 16-0004 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 248.14 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *67.22* | |
| | | *For 5 Ply Construction, Add* | *5.23* | |
| | | *For >50 To 100, Deduct* | *-14.88* | |
| | | *For >100, Deduct* | *-21.08* | |
| 08 14 23 16-0005 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 255.92 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *70.72* | |
| | | *For 5 Ply Construction, Add* | *5.50* | |
| | | *For >50 To 100, Deduct* | *-15.27* | |
| | | *For >100, Deduct* | *-21.66* | |
| 08 14 23 16-0006 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 259.85 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *72.49* | |
| | | *For 5 Ply Construction, Add* | *5.64* | |
| | | *For >50 To 100, Deduct* | *-15.46* | |
| | | *For >100, Deduct* | *-21.96* | |
| 08 14 23 16-0007 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 268.05 | 51.53 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *74.25* | |
| | | *For 5 Ply Construction, Add* | *5.77* | |
| | | *For >50 To 100, Deduct* | *-15.98* | |
| | | *For >100, Deduct* | *-22.68* | |
| 08 14 23 16-0008 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 286.19 | 51.53 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *82.41* | |
| | | *For 5 Ply Construction, Add* | *6.41* | |
| | | *For >50 To 100, Deduct* | *-16.89* | |
| | | *For >100, Deduct* | *-24.04* | |
| 08 14 23 16-0009 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 302.21 | 53.68 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *87.68* | |
| | | *For 5 Ply Construction, Add* | *6.82* | |
| | | *For >50 To 100, Deduct* | *-17.79* | |
| | | *For >100, Deduct* | *-25.35* | |
| 08 14 23 16-0010 | EA | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 244.30 | 47.24 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *67.42* | |
| | | *For 5 Ply Construction, Add* | *5.24* | |
| | | *For >50 To 100, Deduct* | *-14.58* | |
| | | *For >100, Deduct* | *-20.68* | |
| 08 14 23 16-0011 | EA | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 244.29 | 47.24 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *67.41* | |
| | | *For 5 Ply Construction, Add* | *5.24* | |
| | | *For >50 To 100, Deduct* | *-14.58* | |
| | | *For >100, Deduct* | *-20.68* | |
| 08 14 23 16-0012 | EA | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 256.83 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *71.13* | |
| | | *For 5 Ply Construction, Add* | *5.53* | |
| | | *For >50 To 100, Deduct* | *-15.31* | |
| | | *For >100, Deduct* | *-21.73* | |
| 08 14 23 16-0013 | EA | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 265.07 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *74.84* | |
| | | *For 5 Ply Construction, Add* | *5.82* | |
| | | *For >50 To 100, Deduct* | *-15.72* | |
| | | *For >100, Deduct* | *-22.35* | |
| 08 14 23 16-0014 | EA | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 269.22 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *76.70* | |
| | | *For 5 Ply Construction, Add* | *5.97* | |
| | | *For >50 To 100, Deduct* | *-15.93* | |
| | | *For >100, Deduct* | *-22.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 16-0015 | EA | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 277.65 | 51.53 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *78.57* | |
| | | *For 5 Ply Construction, Add* | *6.11* | |
| | | *For >50 To 100, Deduct* | *-16.46* | |
| | | *For >100, Deduct* | *-23.40* | |
| 08 14 23 16-0016 | EA | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 296.85 | 51.53 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *87.21* | |
| | | *For 5 Ply Construction, Add* | *6.78* | |
| | | *For >50 To 100, Deduct* | *-17.42* | |
| | | *For >100, Deduct* | *-24.84* | |
| 08 14 23 16-0017 | EA | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 313.55 | 53.68 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *92.79* | |
| | | *For 5 Ply Construction, Add* | *7.22* | |
| | | *For >50 To 100, Deduct* | *-18.36* | |
| | | *For >100, Deduct* | *-26.20* | |
| 08 14 23 16-0018 | EA | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 273.51 | 47.24 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *80.56* | |
| | | *For 5 Ply Construction, Add* | *6.27* | |
| | | *For >50 To 100, Deduct* | *-16.04* | |
| | | *For >100, Deduct* | *-22.88* | |
| 08 14 23 16-0019 | EA | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 273.51 | 47.24 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *80.56* | |
| | | *For 5 Ply Construction, Add* | *6.27* | |
| | | *For >50 To 100, Deduct* | *-16.04* | |
| | | *For >100, Deduct* | *-22.88* | |
| 08 14 23 16-0020 | EA | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 287.66 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *85.00* | |
| | | *For 5 Ply Construction, Add* | *6.61* | |
| | | *For >50 To 100, Deduct* | *-16.85* | |
| | | *For >100, Deduct* | *-24.04* | |
| 08 14 23 16-0021 | EA | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 297.50 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *89.43* | |
| | | *For 5 Ply Construction, Add* | *6.96* | |
| | | *For >50 To 100, Deduct* | *-17.34* | |
| | | *For >100, Deduct* | *-24.78* | |
| 08 14 23 16-0022 | EA | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 302.46 | 49.38 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *91.66* | |
| | | *For 5 Ply Construction, Add* | *7.13* | |
| | | *For >50 To 100, Deduct* | *-17.59* | |
| | | *For >100, Deduct* | *-25.15* | |
| 08 14 23 16-0023 | EA | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 311.70 | 51.53 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *93.89* | |
| | | *For 5 Ply Construction, Add* | *7.30* | |
| | | *For >50 To 100, Deduct* | *-18.16* | |
| | | *For >100, Deduct* | *-25.95* | |
| 08 14 23 16-0024 | EA | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 334.64 | 51.53 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *104.21* | |
| | | *For 5 Ply Construction, Add* | *8.11* | |
| | | *For >50 To 100, Deduct* | *-19.31* | |
| | | *For >100, Deduct* | *-27.67* | |
| 08 14 23 16-0025 | EA | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 353.76 | 53.68 |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *110.88* | |
| | | *For 5 Ply Construction, Add* | *8.62* | |
| | | *For >50 To 100, Deduct* | *-20.37* | |
| | | *For >100, Deduct* | *-29.22* | |

### 08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

| | | | | |
|---|---|---|---|---|
| 08 14 23 16-0027 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 335.69 | 47.24 |
| | | *For 5 Ply Construction, Add* | *8.44* | |
| | | *For Stave Lumber Core (SLC), Add* | *180.91* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *108.54* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *28.95* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *130.25* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *180.91* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *289.45* | |
| | | *For >50 To 100, Deduct* | *-19.15* | |
| | | *For >100, Deduct* | *-27.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 16-0028 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 335.68 | 47.24 |
| | | *For 5 Ply Construction, Add* | *8.44* | |
| | | *For Stave Lumber Core (SLC), Add* | *180.90* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *108.54* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *28.94* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *130.25* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *180.90* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *289.44* | |
| | | *For >50 To 100, Deduct* | *-19.15* | |
| | | *For >100, Deduct* | *-27.54* | |
| 08 14 23 16-0029 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 347.51 | 49.38 |
| | | *For 5 Ply Construction, Add* | *8.71* | |
| | | *For Stave Lumber Core (SLC), Add* | *186.56* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *111.93* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.85* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *134.32* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *186.56* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *298.49* | |
| | | *For >50 To 100, Deduct* | *-19.84* | |
| | | *For >100, Deduct* | *-28.53* | |
| 08 14 23 16-0030 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 347.51 | 49.38 |
| | | *For 5 Ply Construction, Add* | *8.71* | |
| | | *For Stave Lumber Core (SLC), Add* | *186.56* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *111.93* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.85* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *134.32* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *186.56* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *298.49* | |
| | | *For >50 To 100, Deduct* | *-19.84* | |
| | | *For >100, Deduct* | *-28.53* | |
| 08 14 23 16-0031 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 362.45 | 49.38 |
| | | *For 5 Ply Construction, Add* | *9.23* | |
| | | *For Stave Lumber Core (SLC), Add* | *197.76* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *118.66* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.64* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *142.39* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *197.76* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *316.42* | |
| | | *For >50 To 100, Deduct* | *-20.59* | |
| | | *For >100, Deduct* | *-29.65* | |
| 08 14 23 16-0032 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 381.68 | 51.53 |
| | | *For 5 Ply Construction, Add* | *9.75* | |
| | | *For Stave Lumber Core (SLC), Add* | *208.97* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *125.38* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.43* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *150.45* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *208.97* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *334.34* | |
| | | *For >50 To 100, Deduct* | *-21.66* | |
| | | *For >100, Deduct* | *-31.20* | |
| 08 14 23 16-0033 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 396.95 | 51.53 |
| | | *For 5 Ply Construction, Add* | *10.29* | |
| | | *For Stave Lumber Core (SLC), Add* | *220.42* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *132.25* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *35.27* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *158.70* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *220.42* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *352.67* | |
| | | *For >50 To 100, Deduct* | *-22.42* | |
| | | *For >100, Deduct* | *-32.35* | |
| 08 14 23 16-0034 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 408.88 | 53.68 |
| | | *For 5 Ply Construction, Add* | *10.55* | |
| | | *For Stave Lumber Core (SLC), Add* | *226.14* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *135.68* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.18* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *162.82* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *226.14* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *361.82* | |
| | | *For >50 To 100, Deduct* | *-23.13* | |
| | | *For >100, Deduct* | *-33.35* | |
| 08 14 23 16-0035 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 423.95 | 53.68 |
| | | *For 5 Ply Construction, Add* | *11.08* | |
| | | *For Stave Lumber Core (SLC), Add* | *237.44* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *142.47* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *37.99* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *170.96* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *237.44* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *379.91* | |
| | | *For >50 To 100, Deduct* | *-23.88* | |
| | | *For >100, Deduct* | *-34.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 16-0036 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 462.69 | 57.98 |
| | | *For 5 Ply Construction, Add* | *12.14* | |
| | | *For Stave Lumber Core (SLC), Add* | *260.06* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *156.03* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *41.61* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *187.24* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *260.06* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *416.09* | |
| | | *For >50 To 100, Deduct* | *-26.03* | |
| | | *For >100, Deduct* | *-37.60* | |
| 08 14 23 16-0037 | EA | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 349.73 | 47.24 |
| | | *For 5 Ply Construction, Add* | *8.93* | |
| | | *For Stave Lumber Core (SLC), Add* | *191.44* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *114.86* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.63* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *137.84* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *191.44* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *306.30* | |
| | | *For >50 To 100, Deduct* | *-19.85* | |
| | | *For >100, Deduct* | *-28.59* | |
| 08 14 23 16-0038 | EA | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 349.72 | 47.24 |
| | | *For 5 Ply Construction, Add* | *8.93* | |
| | | *For Stave Lumber Core (SLC), Add* | *191.43* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *114.86* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.63* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *137.83* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *191.43* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *306.29* | |
| | | *For >50 To 100, Deduct* | *-19.85* | |
| | | *For >100, Deduct* | *-28.59* | |
| 08 14 23 16-0039 | EA | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 361.99 | 49.38 |
| | | *For 5 Ply Construction, Add* | *9.21* | |
| | | *For Stave Lumber Core (SLC), Add* | *197.42* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *118.45* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.59* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *142.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *197.42* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *315.86* | |
| | | *For >50 To 100, Deduct* | *-20.57* | |
| | | *For >100, Deduct* | *-29.62* | |
| 08 14 23 16-0040 | EA | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 361.99 | 49.38 |
| | | *For 5 Ply Construction, Add* | *9.21* | |
| | | *For Stave Lumber Core (SLC), Add* | *197.42* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *118.45* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.59* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *142.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *197.42* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *315.86* | |
| | | *For >50 To 100, Deduct* | *-20.57* | |
| | | *For >100, Deduct* | *-29.62* | |
| 08 14 23 16-0041 | EA | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 377.80 | 49.38 |
| | | *For 5 Ply Construction, Add* | *9.77* | |
| | | *For Stave Lumber Core (SLC), Add* | *209.27* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *125.56* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.48* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *150.68* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *209.27* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *334.84* | |
| | | *For >50 To 100, Deduct* | *-21.36* | |
| | | *For >100, Deduct* | *-30.80* | |
| 08 14 23 16-0042 | EA | 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 397.90 | 51.53 |
| | | *For 5 Ply Construction, Add* | *10.32* | |
| | | *For Stave Lumber Core (SLC), Add* | *221.13* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *132.68* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *35.38* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *159.21* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *221.13* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *353.81* | |
| | | *For >50 To 100, Deduct* | *-22.47* | |
| | | *For >100, Deduct* | *-32.42* | |
| 08 14 23 16-0043 | EA | 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 414.05 | 51.53 |
| | | *For 5 Ply Construction, Add* | *10.88* | |
| | | *For Stave Lumber Core (SLC), Add* | *233.24* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *139.95* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *37.32* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *167.93* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *233.24* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *373.19* | |
| | | *For >50 To 100, Deduct* | *-23.28* | |
| | | *For >100, Deduct* | *-33.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 16-0044 | EA | 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 426.42 | 53.68 |
| | | *For 5 Ply Construction, Add* | *11.17* | |
| | | *For Stave Lumber Core (SLC), Add* | *239.30* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *143.58* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *38.29* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *172.29* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *239.30* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *382.87* | |
| | | *For >50 To 100, Deduct* | *-24.01* | |
| | | *For >100, Deduct* | *-34.67* | |
| 08 14 23 16-0045 | EA | 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 442.37 | 53.68 |
| | | *For 5 Ply Construction, Add* | *11.73* | |
| | | *For Stave Lumber Core (SLC), Add* | *251.26* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *150.75* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *40.20* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *180.91* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *251.26* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *402.01* | |
| | | *For >50 To 100, Deduct* | *-24.80* | |
| | | *For >100, Deduct* | *-35.86* | |
| 08 14 23 16-0046 | EA | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 482.86 | 57.98 |
| | | *For 5 Ply Construction, Add* | *12.84* | |
| | | *For Stave Lumber Core (SLC), Add* | *275.18* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *165.11* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *44.03* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *198.13* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *275.18* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *440.29* | |
| | | *For >50 To 100, Deduct* | *-27.04* | |
| | | *For >100, Deduct* | *-39.11* | |
| 08 14 23 16-0047 | EA | 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 399.51 | 47.24 |
| | | *For 5 Ply Construction, Add* | *10.68* | |
| | | *For Stave Lumber Core (SLC), Add* | *228.77* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *137.26* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.60* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *164.72* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *228.77* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *366.04* | |
| | | *For >50 To 100, Deduct* | *-22.34* | |
| | | *For >100, Deduct* | *-32.33* | |
| 08 14 23 16-0048 | EA | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 399.49 | 47.24 |
| | | *For 5 Ply Construction, Add* | *10.68* | |
| | | *For Stave Lumber Core (SLC), Add* | *228.76* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *137.25* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.60* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *164.71* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *228.76* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *366.01* | |
| | | *For >50 To 100, Deduct* | *-22.34* | |
| | | *For >100, Deduct* | *-32.32* | |
| 08 14 23 16-0049 | EA | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 413.32 | 49.38 |
| | | *For 5 Ply Construction, Add* | *11.01* | |
| | | *For Stave Lumber Core (SLC), Add* | *235.91* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *141.55* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *37.75* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *169.86* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *235.91* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *377.46* | |
| | | *For >50 To 100, Deduct* | *-23.14* | |
| | | *For >100, Deduct* | *-33.47* | |
| 08 14 23 16-0050 | EA | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 413.32 | 49.38 |
| | | *For 5 Ply Construction, Add* | *11.01* | |
| | | *For Stave Lumber Core (SLC), Add* | *235.91* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *141.55* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *37.75* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *169.86* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *235.91* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *377.46* | |
| | | *For >50 To 100, Deduct* | *-23.14* | |
| | | *For >100, Deduct* | *-33.47* | |
| 08 14 23 16-0051 | EA | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 432.21 | 49.38 |
| | | *For 5 Ply Construction, Add* | *11.67* | |
| | | *For Stave Lumber Core (SLC), Add* | *250.08* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *150.05* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *40.01* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *180.06* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *250.08* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *400.13* | |
| | | *For >50 To 100, Deduct* | *-24.08* | |
| | | *For >100, Deduct* | *-34.89* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 16-0052 | EA | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 455.39 | 51.53 |
| | | *For 5 Ply Construction, Add* | *12.33* | |
| | | *For Stave Lumber Core (SLC), Add* | *264.25* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *158.55* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *42.28* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *190.26* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *264.25* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *422.80* | |
| | | *For >50 To 100, Deduct* | *-25.35* | |
| | | *For >100, Deduct* | *-36.73* | |
| 08 14 23 16-0053 | EA | 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 474.69 | 51.53 |
| | | *For 5 Ply Construction, Add* | *13.01* | |
| | | *For Stave Lumber Core (SLC), Add* | *278.72* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *167.23* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *44.60* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *200.68* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *278.72* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *445.96* | |
| | | *For >50 To 100, Deduct* | *-26.31* | |
| | | *For >100, Deduct* | *-38.18* | |
| 08 14 23 16-0054 | EA | 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 488.63 | 53.68 |
| | | *For 5 Ply Construction, Add* | *13.34* | |
| | | *For Stave Lumber Core (SLC), Add* | *285.95* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *171.57* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *45.75* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *205.89* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *285.95* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *457.52* | |
| | | *For >50 To 100, Deduct* | *-27.12* | |
| | | *For >100, Deduct* | *-39.33* | |
| 08 14 23 16-0055 | EA | 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 507.69 | 53.68 |
| | | *For 5 Ply Construction, Add* | *14.01* | |
| | | *For Stave Lumber Core (SLC), Add* | *300.25* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *180.15* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *48.04* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *216.18* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *300.25* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *480.40* | |
| | | *For >50 To 100, Deduct* | *-28.07* | |
| | | *For >100, Deduct* | *-40.76* | |
| 08 14 23 16-0056 | EA | 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 554.41 | 57.98 |
| | | *For 5 Ply Construction, Add* | *15.35* | |
| | | *For Stave Lumber Core (SLC), Add* | *328.85* | |
| | | *For Structural Composite Lumber Core (SCLC), Add* | *197.31* | |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *52.62* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *236.77* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *328.85* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *526.15* | |
| | | *For >50 To 100, Deduct* | *-30.62* | |
| | | *For >100, Deduct* | *-44.48* | |

## 08 14 23 19 Molded-Hardboard-Faced Wood Doors *(08 14 23)*

### 08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

| | | | | |
|---|---|---|---|---|
| 08 14 23 19-0002 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 225.83 | 47.24 |
| | | *For >50 To 100, Deduct* | *-13.65* | |
| | | *For >100, Deduct* | *-19.30* | |
| 08 14 23 19-0003 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 225.83 | 47.24 |
| | | *For >50 To 100, Deduct* | *-13.65* | |
| | | *For >100, Deduct* | *-19.30* | |
| 08 14 23 19-0004 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 239.70 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.45* | |
| | | *For >100, Deduct* | *-20.45* | |
| 08 14 23 19-0005 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 244.26 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.68* | |
| | | *For >100, Deduct* | *-20.79* | |
| 08 14 23 19-0006 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 248.79 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.91* | |
| | | *For >100, Deduct* | *-21.13* | |
| 08 14 23 19-0007 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 257.64 | 51.53 |
| | | *For >50 To 100, Deduct* | *-15.46* | |
| | | *For >100, Deduct* | *-21.90* | |
| 08 14 23 19-0008 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 274.61 | 51.53 |
| | | *For >50 To 100, Deduct* | *-16.31* | |
| | | *For >100, Deduct* | *-23.17* | |
| 08 14 23 19-0009 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 289.91 | 53.68 |
| | | *For >50 To 100, Deduct* | *-17.18* | |
| | | *For >100, Deduct* | *-24.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 19-0010 | EA | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 233.47 | 47.24 |
| | | *For >50 To 100, Deduct* | *-14.04* | |
| | | *For >100, Deduct* | *-19.87* | |
| 08 14 23 19-0011 | EA | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 233.47 | 47.24 |
| | | *For >50 To 100, Deduct* | *-14.04* | |
| | | *For >100, Deduct* | *-19.87* | |
| 08 14 23 19-0012 | EA | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 247.91 | 49.38 |
| | | *For >50 To 100, Deduct* | *-14.86* | |
| | | *For >100, Deduct* | *-21.06* | |
| 08 14 23 19-0013 | EA | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 252.71 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.10* | |
| | | *For >100, Deduct* | *-21.42* | |
| 08 14 23 19-0014 | EA | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 257.52 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.35* | |
| | | *For >100, Deduct* | *-21.78* | |
| 08 14 23 19-0015 | EA | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 266.62 | 51.53 |
| | | *For >50 To 100, Deduct* | *-15.91* | |
| | | *For >100, Deduct* | *-22.57* | |
| 08 14 23 19-0016 | EA | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 284.58 | 51.53 |
| | | *For >50 To 100, Deduct* | *-16.81* | |
| | | *For >100, Deduct* | *-23.92* | |
| 08 14 23 19-0017 | EA | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 300.52 | 53.68 |
| | | *For >50 To 100, Deduct* | *-17.71* | |
| | | *For >100, Deduct* | *-25.22* | |
| 08 14 23 19-0018 | EA | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 260.59 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.39* | |
| | | *For >100, Deduct* | *-21.91* | |
| 08 14 23 19-0019 | EA | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 260.59 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.39* | |
| | | *For >100, Deduct* | *-21.91* | |
| 08 14 23 19-0020 | EA | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 277.00 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.32* | |
| | | *For >100, Deduct* | *-23.24* | |
| 08 14 23 19-0021 | EA | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 282.73 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.61* | |
| | | *For >100, Deduct* | *-23.67* | |
| 08 14 23 19-0022 | EA | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 288.50 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.89* | |
| | | *For >100, Deduct* | *-24.11* | |
| 08 14 23 19-0023 | EA | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 298.51 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.50* | |
| | | *For >100, Deduct* | *-24.96* | |
| 08 14 23 19-0024 | EA | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 319.98 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.58* | |
| | | *For >100, Deduct* | *-26.58* | |
| 08 14 23 19-0025 | EA | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 338.17 | 53.68 |
| | | *For >50 To 100, Deduct* | *-19.59* | |
| | | *For >100, Deduct* | *-28.05* | |

### 08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

| | | | | |
|---|---|---|---|---|
| 08 14 23 19-0027 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 258.15 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.27* | |
| | | *For >100, Deduct* | *-21.72* | |
| 08 14 23 19-0028 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 258.15 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.27* | |
| | | *For >100, Deduct* | *-21.72* | |
| 08 14 23 19-0029 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 266.96 | 49.38 |
| | | *For >50 To 100, Deduct* | *-15.82* | |
| | | *For >100, Deduct* | *-22.49* | |
| 08 14 23 19-0030 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 276.09 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.27* | |
| | | *For >100, Deduct* | *-23.18* | |
| 08 14 23 19-0031 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 280.65 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.50* | |
| | | *For >100, Deduct* | *-23.52* | |
| 08 14 23 19-0032 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 289.43 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.05* | |
| | | *For >100, Deduct* | *-24.28* | |
| 08 14 23 19-0033 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 299.82 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.57* | |
| | | *For >100, Deduct* | *-25.06* | |
| 08 14 23 19-0034 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 337.92 | 53.68 |
| | | *For >50 To 100, Deduct* | *-19.58* | |
| | | *For >100, Deduct* | *-28.03* | |
| 08 14 23 19-0035 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 349.45 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.16* | |
| | | *For >100, Deduct* | *-28.89* | |
| 08 14 23 19-0036 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 372.54 | 53.68 |
| | | *For >50 To 100, Deduct* | *-21.31* | |
| | | *For >100, Deduct* | *-30.62* | |
| 08 14 23 19-0037 | EA | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 267.66 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.75* | |
| | | *For >100, Deduct* | *-22.44* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 19-0038 | EA | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 267.66 | 47.24 |
| | | *For >50 To 100, Deduct* | *-15.75* | |
| | | *For >100, Deduct* | *-22.44* | |
| 08 14 23 19-0039 | EA | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 276.76 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.31* | |
| | | *For >100, Deduct* | *-23.23* | |
| 08 14 23 19-0040 | EA | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 286.41 | 49.38 |
| | | *For >50 To 100, Deduct* | *-16.79* | |
| | | *For >100, Deduct* | *-23.95* | |
| 08 14 23 19-0041 | EA | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 291.22 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.03* | |
| | | *For >100, Deduct* | *-24.31* | |
| 08 14 23 19-0042 | EA | 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 300.28 | 51.53 |
| | | *For >50 To 100, Deduct* | *-17.59* | |
| | | *For >100, Deduct* | *-25.10* | |
| 08 14 23 19-0043 | EA | 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 311.28 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.14* | |
| | | *For >100, Deduct* | *-25.92* | |
| 08 14 23 19-0044 | EA | 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 351.36 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.25* | |
| | | *For >100, Deduct* | *-29.04* | |
| 08 14 23 19-0045 | EA | 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 363.56 | 53.68 |
| | | *For >50 To 100, Deduct* | *-20.86* | |
| | | *For >100, Deduct* | *-29.95* | |
| 08 14 23 19-0046 | EA | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 387.95 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.08* | |
| | | *For >100, Deduct* | *-31.78* | |
| 08 14 23 19-0047 | EA | 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 301.42 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.43* | |
| | | *For >100, Deduct* | *-24.97* | |
| 08 14 23 19-0048 | EA | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 301.42 | 47.24 |
| | | *For >50 To 100, Deduct* | *-17.43* | |
| | | *For >100, Deduct* | *-24.97* | |
| 08 14 23 19-0049 | EA | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 311.48 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.04* | |
| | | *For >100, Deduct* | *-25.83* | |
| 08 14 23 19-0050 | EA | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 323.00 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.62* | |
| | | *For >100, Deduct* | *-26.69* | |
| 08 14 23 19-0051 | EA | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 328.73 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.91* | |
| | | *For >100, Deduct* | *-27.12* | |
| 08 14 23 19-0052 | EA | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 338.75 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.51* | |
| | | *For >100, Deduct* | *-27.98* | |
| 08 14 23 19-0053 | EA | 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 351.87 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.17* | |
| | | *For >100, Deduct* | *-28.97* | |
| 08 14 23 19-0054 | EA | 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 398.95 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.63* | |
| | | *For >100, Deduct* | *-32.61* | |
| 08 14 23 19-0055 | EA | 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 413.52 | 53.68 |
| | | *For >50 To 100, Deduct* | *-23.36* | |
| | | *For >100, Deduct* | *-33.70* | |
| 08 14 23 19-0056 | EA | 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 442.69 | 53.68 |
| | | *For >50 To 100, Deduct* | *-24.82* | |
| | | *For >100, Deduct* | *-35.89* | |

### 08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

| | | | | |
|---|---|---|---|---|
| 08 14 23 19-0058 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 277.63 | 47.24 |
| | | *For >50 To 100, Deduct* | *-16.24* | |
| | | *For >100, Deduct* | *-23.18* | |
| 08 14 23 19-0059 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 277.63 | 47.24 |
| | | *For >50 To 100, Deduct* | *-16.24* | |
| | | *For >100, Deduct* | *-23.18* | |
| 08 14 23 19-0060 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 292.56 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.10* | |
| | | *For >100, Deduct* | *-24.41* | |
| 08 14 23 19-0061 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 303.17 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.63* | |
| | | *For >100, Deduct* | *-25.21* | |
| 08 14 23 19-0062 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 305.11 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.72* | |
| | | *For >100, Deduct* | *-25.35* | |
| 08 14 23 19-0063 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 311.38 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.15* | |
| | | *For >100, Deduct* | *-25.93* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 19-0064 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 334.37 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.30* | |
| | | *For >100, Deduct* | *-27.65* | |
| 08 14 23 19-0065 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 380.56 | 53.68 |
| | | *For >50 To 100, Deduct* | *-21.71* | |
| | | *For >100, Deduct* | *-31.23* | |
| 08 14 23 19-0066 | EA | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 288.31 | 47.24 |
| | | *For >50 To 100, Deduct* | *-16.78* | |
| | | *For >100, Deduct* | *-23.99* | |
| 08 14 23 19-0067 | EA | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 288.31 | 47.24 |
| | | *For >50 To 100, Deduct* | *-16.78* | |
| | | *For >100, Deduct* | *-23.99* | |
| 08 14 23 19-0068 | EA | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 303.84 | 49.38 |
| | | *For >50 To 100, Deduct* | *-17.66* | |
| | | *For >100, Deduct* | *-25.26* | |
| 08 14 23 19-0069 | EA | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 315.05 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.22* | |
| | | *For >100, Deduct* | *-26.10* | |
| 08 14 23 19-0070 | EA | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 317.13 | 49.38 |
| | | *For >50 To 100, Deduct* | *-18.33* | |
| | | *For >100, Deduct* | *-26.25* | |
| 08 14 23 19-0071 | EA | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 323.51 | 51.53 |
| | | *For >50 To 100, Deduct* | *-18.75* | |
| | | *For >100, Deduct* | *-26.84* | |
| 08 14 23 19-0072 | EA | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 347.84 | 51.53 |
| | | *For >50 To 100, Deduct* | *-19.97* | |
| | | *For >100, Deduct* | *-28.66* | |
| 08 14 23 19-0073 | EA | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 396.47 | 53.68 |
| | | *For >50 To 100, Deduct* | *-22.51* | |
| | | *For >100, Deduct* | *-32.42* | |
| 08 14 23 19-0074 | EA | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 326.10 | 47.24 |
| | | *For >50 To 100, Deduct* | *-18.67* | |
| | | *For >100, Deduct* | *-26.82* | |
| 08 14 23 19-0075 | EA | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 326.10 | 47.24 |
| | | *For >50 To 100, Deduct* | *-18.67* | |
| | | *For >100, Deduct* | *-26.82* | |
| 08 14 23 19-0076 | EA | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 343.83 | 49.38 |
| | | *For >50 To 100, Deduct* | *-19.66* | |
| | | *For >100, Deduct* | *-28.26* | |
| 08 14 23 19-0077 | EA | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 357.23 | 49.38 |
| | | *For >50 To 100, Deduct* | *-20.33* | |
| | | *For >100, Deduct* | *-29.26* | |
| 08 14 23 19-0078 | EA | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 359.70 | 49.38 |
| | | *For >50 To 100, Deduct* | *-20.45* | |
| | | *For >100, Deduct* | *-29.45* | |
| 08 14 23 19-0079 | EA | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 366.50 | 51.53 |
| | | *For >50 To 100, Deduct* | *-20.90* | |
| | | *For >100, Deduct* | *-30.06* | |
| 08 14 23 19-0080 | EA | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 395.57 | 51.53 |
| | | *For >50 To 100, Deduct* | *-22.36* | |
| | | *For >100, Deduct* | *-32.24* | |
| 08 14 23 19-0081 | EA | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 452.87 | 53.68 |
| | | *For >50 To 100, Deduct* | *-25.33* | |
| | | *For >100, Deduct* | *-36.65* | |

### 08 14 23 19-0082 1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

| | | | | |
|---|---|---|---|---|
| 08 14 23 19-0083 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 324.62 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *27.62* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *124.28* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *172.61* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *276.17* | |
| | | *For >50 To 100, Deduct* | *-18.59* | |
| | | *For >100, Deduct* | *-26.71* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 19-0084 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 324.62 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *27.62* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *124.28* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *172.61* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *276.17* | |
| | | *For >50 To 100, Deduct* | *-18.59* | |
| | | *For >100, Deduct* | *-26.71* | |
| 08 14 23 19-0085 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 342.24 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.22* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *131.47* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *182.60* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *292.16* | |
| | | *For >50 To 100, Deduct* | *-19.58* | |
| | | *For >100, Deduct* | *-28.14* | |
| 08 14 23 19-0086 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 355.53 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.81* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *138.65* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *192.57* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *308.11* | |
| | | *For >50 To 100, Deduct* | *-20.25* | |
| | | *For >100, Deduct* | *-29.13* | |
| 08 14 23 19-0087 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 358.01 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.11* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *139.99* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *194.43* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *311.09* | |
| | | *For >50 To 100, Deduct* | *-20.37* | |
| | | *For >100, Deduct* | *-29.32* | |
| 08 14 23 19-0088 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 364.81 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *31.41* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *141.35* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *196.31* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *314.10* | |
| | | *For >50 To 100, Deduct* | *-20.82* | |
| | | *For >100, Deduct* | *-29.94* | |
| 08 14 23 19-0089 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 393.66 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.87* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *156.92* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *217.95* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *348.72* | |
| | | *For >50 To 100, Deduct* | *-22.26* | |
| | | *For >100, Deduct* | *-32.10* | |
| 08 14 23 19-0090 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 450.64 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *41.19* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *185.37* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *257.46* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *411.94* | |
| | | *For >50 To 100, Deduct* | *-25.22* | |
| | | *For >100, Deduct* | *-36.48* | |
| 08 14 23 19-0091 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 467.82 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *43.26* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *194.65* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *270.35* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *432.55* | |
| | | *For >50 To 100, Deduct* | *-26.08* | |
| | | *For >100, Deduct* | *-37.77* | |
| 08 14 23 19-0092 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 502.12 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *47.37* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *213.17* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *296.07* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *473.71* | |
| | | *For >50 To 100, Deduct* | *-27.79* | |
| | | *For >100, Deduct* | *-40.34* | |
| 08 14 23 19-0093 | EA | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 338.02 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.22* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *131.51* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *182.66* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *292.25* | |
| | | *For >50 To 100, Deduct* | *-19.26* | |
| | | *For >100, Deduct* | *-27.71* | |
| 08 14 23 19-0094 | EA | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 338.02 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *29.22* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *131.51* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *182.66* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *292.25* | |
| | | *For >50 To 100, Deduct* | *-19.26* | |
| | | *For >100, Deduct* | *-27.71* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 19-0095 | EA | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 356.42 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *30.92* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *139.13* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *193.24* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *309.18* | |
| | | *For >50 To 100, Deduct* | *-20.29* | |
| | | *For >100, Deduct* | *-29.20* | |
| 08 14 23 19-0096 | EA | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 370.49 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *32.61* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *146.73* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *203.79* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *326.06* | |
| | | *For >50 To 100, Deduct* | *-20.99* | |
| | | *For >100, Deduct* | *-30.26* | |
| 08 14 23 19-0097 | EA | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 373.11 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *32.92* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *148.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *205.76* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *329.21* | |
| | | *For >50 To 100, Deduct* | *-21.12* | |
| | | *For >100, Deduct* | *-30.45* | |
| 08 14 23 19-0098 | EA | 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 380.05 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *33.24* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *149.57* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *207.74* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *332.39* | |
| | | *For >50 To 100, Deduct* | *-21.58* | |
| | | *For >100, Deduct* | *-31.08* | |
| 08 14 23 19-0099 | EA | 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 410.56 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.90* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *166.05* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *230.63* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *369.00* | |
| | | *For >50 To 100, Deduct* | *-23.10* | |
| | | *For >100, Deduct* | *-33.37* | |
| 08 14 23 19-0100 | EA | 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 470.62 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *43.59* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *196.16* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *272.45* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *435.91* | |
| | | *For >50 To 100, Deduct* | *-26.22* | |
| | | *For >100, Deduct* | *-37.98* | |
| 08 14 23 19-0101 | EA | 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 488.79 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *45.77* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *205.97* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *286.07* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *457.72* | |
| | | *For >50 To 100, Deduct* | *-27.12* | |
| | | *For >100, Deduct* | *-39.34* | |
| 08 14 23 19-0102 | EA | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 525.10 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *50.13* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *225.58* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *313.31* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *501.29* | |
| | | *For >50 To 100, Deduct* | *-28.94* | |
| | | *For >100, Deduct* | *-42.07* | |
| 08 14 23 19-0103 | EA | 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 385.50 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.92* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *157.15* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *218.27* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *349.22* | |
| | | *For >50 To 100, Deduct* | *-21.64* | |
| | | *For >100, Deduct* | *-31.27* | |
| 08 14 23 19-0104 | EA | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 385.50 | 47.24 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *34.92* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *157.15* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *218.27* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *349.22* | |
| | | *For >50 To 100, Deduct* | *-21.64* | |
| | | *For >100, Deduct* | *-31.27* | |
| 08 14 23 19-0105 | EA | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 406.66 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *36.95* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *166.26* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *230.92* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *369.47* | |
| | | *For >50 To 100, Deduct* | *-22.80* | |
| | | *For >100, Deduct* | *-32.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 23 19-0106 | EA | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 423.49 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *38.97* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *175.35* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *243.54* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *389.66* | |
| | | *For >50 To 100, Deduct* | *-23.64* | |
| | | *For >100, Deduct* | *-34.23* | |
| 08 14 23 19-0107 | EA | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 426.60 | 49.38 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *39.34* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *177.03* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *245.87* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *393.40* | |
| | | *For >50 To 100, Deduct* | *-23.80* | |
| | | *For >100, Deduct* | *-34.46* | |
| 08 14 23 19-0108 | EA | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 434.07 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *39.72* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *178.75* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *248.26* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *397.21* | |
| | | *For >50 To 100, Deduct* | *-24.28* | |
| | | *For >100, Deduct* | *-35.13* | |
| 08 14 23 19-0109 | EA | 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 470.53 | 51.53 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *44.10* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *198.43* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *275.60* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *440.96* | |
| | | *For >50 To 100, Deduct* | *-26.10* | |
| | | *For >100, Deduct* | *-37.87* | |
| 08 14 23 19-0110 | EA | 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 541.44 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *52.09* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *234.40* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *325.56* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *520.90* | |
| | | *For >50 To 100, Deduct* | *-29.76* | |
| | | *For >100, Deduct* | *-43.29* | |
| 08 14 23 19-0111 | EA | 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 563.18 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *54.70* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *246.14* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *341.87* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *546.98* | |
| | | *For >50 To 100, Deduct* | *-30.84* | |
| | | *For >100, Deduct* | *-44.92* | |
| 08 14 23 19-0112 | EA | 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | 606.57 | 53.68 |
| | | *For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add* | *59.91* | |
| | | *For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add* | *269.57* | |
| | | *For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add* | *374.41* | |
| | | *For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add* | *599.05* | |
| | | *For >50 To 100, Deduct* | *-33.01* | |
| | | *For >100, Deduct* | *-48.18* | |

## 08 14 66 Wood Screen Doors *(08 14)*

### 08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

| | | | | |
|---|---|---|---|---|
| 08 14 66 00-0002 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware | 521.11 | 123.68 |
| 08 14 66 00-0003 | EA | 3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware | 540.20 | 137.42 |
| 08 14 66 00-0004 | EA | 2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware | 521.11 | 123.68 |
| 08 14 66 00-0005 | EA | 3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware | 540.20 | 137.42 |

## 08 14 73 Sliding Wood Doors *(08 14)*

### 08 14 73 00-0001 Sliding Pocket Door *(08 14 73)*

Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.

### 08 14 73 00-0002 Birch Faced Pocket Door *(08 14 73 00-0001)*

Note: Includes door, frame and trim, and all mounting and door hardware.

### 08 14 73 00-0003 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

### 08 14 73 00-0004 6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

| | | | | |
|---|---|---|---|---|
| 08 14 73 00-0005 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 643.50 | 30.06 |
| | | *For Oak, Add* | *161.02* | |
| | | *For Ash/Hickory, Add* | *234.52* | |
| | | *For Walnut, Add* | *341.87* | |
| | | *For Cherry, Add* | *555.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 73 00-0006 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 661.94 | 32.21 |
| | | *For Oak, Add* | *164.92* | |
| | | *For Ash/Hickory, Add* | *240.21* | |
| | | *For Walnut, Add* | *350.15* | |
| | | *For Cherry, Add* | *569.45* | |
| 08 14 73 00-0007 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 683.89 | 34.36 |
| | | *For Oak, Add* | *169.80* | |
| | | *For Ash/Hickory, Add* | *247.31* | |
| | | *For Walnut, Add* | *360.51* | |
| | | *For Cherry, Add* | *586.30* | |
| 08 14 73 00-0008 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 698.80 | 36.51 |
| | | *For Oak, Add* | *172.73* | |
| | | *For Ash/Hickory, Add* | *251.58* | |
| | | *For Walnut, Add* | *366.73* | |
| | | *For Cherry, Add* | *596.41* | |
| 08 14 73 00-0009 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 720.79 | 38.65 |
| | | *For Oak, Add* | *177.61* | |
| | | *For Ash/Hickory, Add* | *258.69* | |
| | | *For Walnut, Add* | *377.09* | |
| | | *For Cherry, Add* | *613.26* | |
| 08 14 73 00-0010 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 739.22 | 40.80 |
| | | *For Oak, Add* | *181.51* | |
| | | *For Ash/Hickory, Add* | *264.37* | |
| | | *For Walnut, Add* | *385.38* | |
| | | *For Cherry, Add* | *626.73* | |
| 08 14 73 00-0011 | EA | 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,274.14 | 53.68 |
| | | *For Oak, Add* | *322.03* | |
| | | *For Ash/Hickory, Add* | *469.05* | |
| | | *For Walnut, Add* | *683.73* | |
| | | *For Cherry, Add* | *1,111.94* | |
| 08 14 73 00-0012 | EA | 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,346.36 | 57.98 |
| | | *For Oak, Add* | *339.60* | |
| | | *For Ash/Hickory, Add* | *494.63* | |
| | | *For Walnut, Add* | *721.03* | |
| | | *For Cherry, Add* | *1,172.59* | |
| 08 14 73 00-0013 | EA | 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,439.82 | 62.27 |
| | | *For Oak, Add* | *363.02* | |
| | | *For Ash/Hickory, Add* | *528.74* | |
| | | *For Walnut, Add* | *770.75* | |
| | | *For Cherry, Add* | *1,253.46* | |

### 08 14 73 00-0014 7' High, 1-3/8" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

| | | | | |
|---|---|---|---|---|
| 08 14 73 00-0015 | EA | 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 767.25 | 30.06 |
| | | *For Oak, Add* | *165.47* | |
| | | *For Ash/Hickory, Add* | *165.47* | |
| | | *For Walnut, Add* | *272.25* | |
| | | *For Cherry, Add* | *511.26* | |
| 08 14 73 00-0016 | EA | 2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 803.37 | 32.21 |
| | | *For Oak, Add* | *172.92* | |
| | | *For Ash/Hickory, Add* | *172.92* | |
| | | *For Walnut, Add* | *284.50* | |
| | | *For Cherry, Add* | *534.27* | |
| 08 14 73 00-0017 | EA | 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 828.86 | 34.36 |
| | | *For Oak, Add* | *177.88* | |
| | | *For Ash/Hickory, Add* | *177.88* | |
| | | *For Walnut, Add* | *292.67* | |
| | | *For Cherry, Add* | *549.61* | |
| 08 14 73 00-0018 | EA | 2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 850.83 | 36.51 |
| | | *For Oak, Add* | *182.02* | |
| | | *For Ash/Hickory, Add* | *182.02* | |
| | | *For Walnut, Add* | *299.47* | |
| | | *For Cherry, Add* | *562.39* | |
| 08 14 73 00-0019 | EA | 2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 869.29 | 38.65 |
| | | *For Oak, Add* | *185.33* | |
| | | *For Ash/Hickory, Add* | *185.33* | |
| | | *For Walnut, Add* | *304.92* | |
| | | *For Cherry, Add* | *572.62* | |
| 08 14 73 00-0020 | EA | 3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 894.79 | 40.80 |
| | | *For Oak, Add* | *190.29* | |
| | | *For Ash/Hickory, Add* | *190.29* | |
| | | *For Walnut, Add* | *313.09* | |
| | | *For Cherry, Add* | *587.95* | |
| 08 14 73 00-0021 | EA | 4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,521.64 | 53.68 |
| | | *For Oak, Add* | *330.94* | |
| | | *For Ash/Hickory, Add* | *330.94* | |
| | | *For Walnut, Add* | *544.50* | |
| | | *For Cherry, Add* | *1,022.52* | |
| 08 14 73 00-0022 | EA | 5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,636.29 | 57.98 |
| | | *For Oak, Add* | *355.76* | |
| | | *For Ash/Hickory, Add* | *355.76* | |
| | | *For Walnut, Add* | *585.33* | |
| | | *For Cherry, Add* | *1,099.21* | |
| 08 14 73 00-0023 | EA | 6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,750.96 | 62.27 |
| | | *For Oak, Add* | *380.58* | |
| | | *For Ash/Hickory, Add* | *380.58* | |
| | | *For Walnut, Add* | *626.17* | |
| | | *For Cherry, Add* | *1,175.90* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 73 00-0024 | | 1-3/4" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)* | | |
| | | See CSI section 08 14 73 00-0055 for all jambs and track hardware. | | |
| 08 14 73 00-0025 | | 6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)* | | |
| 08 14 73 00-0026 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 979.39 | 30.06 |
| | | *For Oak, Add* | *215.11* | |
| | | *For Ash/Hickory, Add* | *215.11* | |
| | | *For Walnut, Add* | *353.92* | |
| | | *For Cherry, Add* | *664.64* | |
| 08 14 73 00-0027 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,026.12 | 32.21 |
| | | *For Oak, Add* | *225.04* | |
| | | *For Ash/Hickory, Add* | *225.04* | |
| | | *For Walnut, Add* | *370.26* | |
| | | *For Cherry, Add* | *695.32* | |
| 08 14 73 00-0028 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,051.60 | 34.36 |
| | | *For Oak, Add* | *230.00* | |
| | | *For Ash/Hickory, Add* | *230.00* | |
| | | *For Walnut, Add* | *378.42* | |
| | | *For Cherry, Add* | *710.65* | |
| 08 14 73 00-0029 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,080.65 | 36.51 |
| | | *For Oak, Add* | *235.79* | |
| | | *For Ash/Hickory, Add* | *235.79* | |
| | | *For Walnut, Add* | *387.95* | |
| | | *For Cherry, Add* | *728.55* | |
| 08 14 73 00-0030 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,106.18 | 38.65 |
| | | *For Oak, Add* | *240.76* | |
| | | *For Ash/Hickory, Add* | *240.76* | |
| | | *For Walnut, Add* | *396.12* | |
| | | *For Cherry, Add* | *743.89* | |
| 08 14 73 00-0031 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,131.68 | 40.80 |
| | | *For Oak, Add* | *245.72* | |
| | | *For Ash/Hickory, Add* | *245.72* | |
| | | *For Walnut, Add* | *404.29* | |
| | | *For Cherry, Add* | *759.22* | |
| 08 14 73 00-0032 | EA | 4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,945.92 | 53.68 |
| | | *For Oak, Add* | *430.22* | |
| | | *For Ash/Hickory, Add* | *430.22* | |
| | | *For Walnut, Add* | *707.85* | |
| | | *For Cherry, Add* | *1,329.28* | |
| 08 14 73 00-0033 | EA | 5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 2,081.79 | 57.98 |
| | | *For Oak, Add* | *460.01* | |
| | | *For Ash/Hickory, Add* | *460.01* | |
| | | *For Walnut, Add* | *756.85* | |
| | | *For Cherry, Add* | *1,421.31* | |
| 08 14 73 00-0034 | EA | 6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 2,224.75 | 62.27 |
| | | *For Oak, Add* | *491.45* | |
| | | *For Ash/Hickory, Add* | *491.45* | |
| | | *For Walnut, Add* | *808.58* | |
| | | *For Cherry, Add* | *1,518.45* | |
| 08 14 73 00-0035 | | 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)* | | |
| 08 14 73 00-0036 | EA | 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,050.11 | 30.06 |
| | | *For Oak, Add* | *231.66* | |
| | | *For Ash/Hickory, Add* | *231.66* | |
| | | *For Walnut, Add* | *381.15* | |
| | | *For Cherry, Add* | *715.77* | |
| 08 14 73 00-0037 | EA | 2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,103.91 | 32.21 |
| | | *For Oak, Add* | *243.24* | |
| | | *For Ash/Hickory, Add* | *243.24* | |
| | | *For Walnut, Add* | *400.21* | |
| | | *For Cherry, Add* | *751.56* | |
| 08 14 73 00-0038 | EA | 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,132.93 | 34.36 |
| | | *For Oak, Add* | *249.03* | |
| | | *For Ash/Hickory, Add* | *249.03* | |
| | | *For Walnut, Add* | *409.74* | |
| | | *For Cherry, Add* | *769.45* | |
| 08 14 73 00-0039 | EA | 2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,161.98 | 36.51 |
| | | *For Oak, Add* | *254.83* | |
| | | *For Ash/Hickory, Add* | *254.83* | |
| | | *For Walnut, Add* | *419.27* | |
| | | *For Cherry, Add* | *787.35* | |
| 08 14 73 00-0040 | EA | 2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,187.50 | 38.65 |
| | | *For Oak, Add* | *259.79* | |
| | | *For Ash/Hickory, Add* | *259.79* | |
| | | *For Walnut, Add* | *427.43* | |
| | | *For Cherry, Add* | *802.68* | |
| 08 14 73 00-0041 | EA | 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,216.54 | 40.80 |
| | | *For Oak, Add* | *265.58* | |
| | | *For Ash/Hickory, Add* | *265.58* | |
| | | *For Walnut, Add* | *436.96* | |
| | | *For Cherry, Add* | *820.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 73 00-0042 | EA | 4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 2,087.35 | 53.68 |
| | | *For Oak, Add* | *463.32* | |
| | | *For Ash/Hickory, Add* | *463.32* | |
| | | *For Walnut, Add* | *762.30* | |
| | | *For Cherry, Add* | *1,431.53* | |
| 08 14 73 00-0043 | EA | 5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 2,244.43 | 57.98 |
| | | *For Oak, Add* | *498.07* | |
| | | *For Ash/Hickory, Add* | *498.07* | |
| | | *For Walnut, Add* | *819.47* | |
| | | *For Cherry, Add* | *1,538.90* | |
| 08 14 73 00-0044 | EA | 6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 2,394.46 | 62.27 |
| | | *For Oak, Add* | *531.16* | |
| | | *For Ash/Hickory, Add* | *531.16* | |
| | | *For Walnut, Add* | *873.92* | |
| | | *For Cherry, Add* | *1,641.15* | |

## 08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

| | | | | |
|---|---|---|---|---|
| 08 14 73 00-0046 | EA | 2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced | 1,120.82 | 30.06 |
| | | *For Oak, Add* | *248.21* | |
| | | *For Ash/Hickory, Add* | *248.21* | |
| | | *For Walnut, Add* | *408.37* | |
| | | *For Cherry, Add* | *766.89* | |
| 08 14 73 00-0047 | EA | 2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,174.62 | 32.21 |
| | | *For Oak, Add* | *259.79* | |
| | | *For Ash/Hickory, Add* | *259.79* | |
| | | *For Walnut, Add* | *427.43* | |
| | | *For Cherry, Add* | *802.68* | |
| 08 14 73 00-0048 | EA | 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,207.18 | 34.36 |
| | | *For Oak, Add* | *266.41* | |
| | | *For Ash/Hickory, Add* | *266.41* | |
| | | *For Walnut, Add* | *438.32* | |
| | | *For Cherry, Add* | *823.14* | |
| 08 14 73 00-0049 | EA | 2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,239.76 | 36.51 |
| | | *For Oak, Add* | *273.03* | |
| | | *For Ash/Hickory, Add* | *273.03* | |
| | | *For Walnut, Add* | *449.21* | |
| | | *For Cherry, Add* | *843.58* | |
| 08 14 73 00-0050 | EA | 2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,265.29 | 38.65 |
| | | *For Oak, Add* | *277.99* | |
| | | *For Ash/Hickory, Add* | *277.99* | |
| | | *For Walnut, Add* | *457.38* | |
| | | *For Cherry, Add* | *858.92* | |
| 08 14 73 00-0051 | EA | 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 1,297.86 | 40.80 |
| | | *For Oak, Add* | *284.61* | |
| | | *For Ash/Hickory, Add* | *284.61* | |
| | | *For Walnut, Add* | *468.27* | |
| | | *For Cherry, Add* | *879.37* | |
| 08 14 73 00-0052 | EA | 4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 2,228.78 | 53.68 |
| | | *For Oak, Add* | *496.41* | |
| | | *For Ash/Hickory, Add* | *496.41* | |
| | | *For Walnut, Add* | *816.75* | |
| | | *For Cherry, Add* | *1,533.79* | |
| 08 14 73 00-0053 | EA | 5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 2,392.93 | 57.98 |
| | | *For Oak, Add* | *532.82* | |
| | | *For Ash/Hickory, Add* | *532.82* | |
| | | *For Walnut, Add* | *876.64* | |
| | | *For Cherry, Add* | *1,646.26* | |
| 08 14 73 00-0054 | EA | 6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | 2,557.10 | 62.27 |
| | | *For Oak, Add* | *569.22* | |
| | | *For Ash/Hickory, Add* | *569.22* | |
| | | *For Walnut, Add* | *936.54* | |
| | | *For Cherry, Add* | *1,758.74* | |

## 08 14 73 00-0055 Accessories *(08 14 73 00-0001)*

## 08 14 73 00-0056 Jamb Replacement *(08 14 73 00-0055)*

| | | | | |
|---|---|---|---|---|
| 08 14 73 00-0057 | EA | 4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors | 217.53 | |
| | | *For Oak, Add* | *19.73* | |
| | | *For Ash/Hickory, Add* | *30.90* | |
| | | *For Walnut, Add* | *67.57* | |
| | | *For Cherry, Add* | *107.02* | |
| 08 14 73 00-0058 | EA | 5-1/4" Birch Jamb Replacement For Pocket Doors | 223.16 | |
| | | *For Oak, Add* | *20.36* | |
| | | *For Ash/Hickory, Add* | *31.90* | |
| | | *For Walnut, Add* | *69.75* | |
| | | *For Cherry, Add* | *110.47* | |
| 08 14 73 00-0059 | EA | 6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors | 259.77 | |
| | | *For Oak, Add* | *24.50* | |
| | | *For Ash/Hickory, Add* | *38.38* | |
| | | *For Walnut, Add* | *83.91* | |
| | | *For Cherry, Add* | *132.92* | |

## 08 14 73 00-0060 Track And Hardware Replacement Kits *(08 14 73 00-0055)*

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 73 00-0061 | EA | Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door | 421.48 | |
| 08 14 73 00-0062 | EA | 2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door | 425.95 | |
| 08 14 73 00-0063 | EA | 3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door | 434.87 | |
| 08 14 73 00-0064 | EA | Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door | 519.68 | |
| 08 14 73 00-0065 | EA | 2'-8" x 7' Door Track And Hardware Replacement For Pocket Door | 524.14 | |
| 08 14 73 00-0066 | EA | 3'-0" x 7' Door Track And Hardware Replacement For Pocket Door | 533.07 | |
| 08 14 73 00-0067 | EA | Up To 2'-6" x 8' Door Track And Hardware | 564.31 | |
| 08 14 73 00-0068 | EA | 2'-8" x 8' Door Track And Hardware Replacement For Pocket Door | 568.77 | |
| 08 14 73 00-0069 | EA | 3'-0" x 8' Door Track And Hardware Replacement For Pocket Door | 577.70 | |
| 08 14 73 00-0070 | EA | Double Door Converging Kit For Pocket Door | 57.52 | |
| 08 14 73 00-0071 | | Bi-Pass Doors *(08 14 73)*<br>Note: Includes unfinished doors, fascia track, hangers, door guide, door stop, and pulls. 125 LB maximum door weight (each opening). | | |
| 08 14 73 00-0072 | | Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors *(08 14 73 00-0071)* | | |
| 08 14 73 00-0073 | EA | 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors | 369.04 | 68.68 |
| 08 14 73 00-0074 | EA | 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors | 406.59 | 72.96 |
| 08 14 73 00-0075 | EA | 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors | 444.62 | 77.26 |
| 08 14 73 00-0076 | EA | 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors | 621.92 | 81.55 |
| 08 14 73 00-0077 | | Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors *(08 14 73 00-0071)* | | |
| 08 14 73 00-0078 | EA | 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors | 342.20 | 68.68 |
| 08 14 73 00-0079 | EA | 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors | 364.74 | 72.96 |
| 08 14 73 00-0080 | EA | 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors | 398.56 | 77.26 |
| 08 14 73 00-0081 | EA | 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors | 568.24 | 81.55 |
| 08 14 73 00-0082 | | Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors *(08 14 73 00-0071)* | | |
| 08 14 73 00-0083 | EA | 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors | 369.80 | 68.68 |
| 08 14 73 00-0084 | EA | 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors | 404.72 | 72.96 |
| 08 14 73 00-0085 | EA | 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors | 441.52 | 77.26 |
| 08 14 73 00-0086 | EA | 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors | 623.43 | 81.55 |
| **08 14 76** | | **Bifolding Wood Doors** *(08 14)* | | |
| 08 14 76 00-0001 | | Bi-Fold Wood Doors *(08 14 76)*<br>Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs. | | |
| 08 14 76 00-0002 | | Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors *(08 14 76 00-0001)* | | |
| 08 14 76 00-0003 | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors | 168.70 | 51.50 |
| 08 14 76 00-0004 | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors | 177.29 | 55.80 |
| 08 14 76 00-0005 | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors | 190.26 | 60.09 |
| 08 14 76 00-0006 | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors | 198.84 | 64.38 |
| 08 14 76 00-0007 | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors | 263.43 | 68.68 |
| 08 14 76 00-0008 | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors | 272.01 | 72.96 |
| 08 14 76 00-0009 | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors | 289.89 | 77.26 |
| 08 14 76 00-0010 | | Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors *(08 14 76 00-0001)* | | |
| 08 14 76 00-0011 | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors | 179.42 | 51.50 |
| 08 14 76 00-0012 | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors | 191.52 | 55.80 |
| 08 14 76 00-0013 | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors | 206.85 | 60.09 |
| 08 14 76 00-0014 | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors | 215.43 | 64.38 |
| 08 14 76 00-0015 | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors | 286.38 | 68.68 |
| 08 14 76 00-0016 | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors | 307.78 | 72.96 |
| 08 14 76 00-0017 | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors | 330.55 | 77.26 |
| 08 14 76 00-0018 | | Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)* | | |
| 08 14 76 00-0019 | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 179.92 | 51.50 |
| 08 14 76 00-0020 | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 198.39 | 55.80 |
| 08 14 76 00-0021 | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 213.19 | 60.09 |
| 08 14 76 00-0022 | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 221.77 | 64.38 |
| 08 14 76 00-0023 | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 291.92 | 68.68 |
| 08 14 76 00-0024 | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 302.72 | 72.96 |
| 08 14 76 00-0025 | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 330.55 | 77.26 |
| 08 14 76 00-0026 | | Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors *(08 14 76 00-0001)* | | |
| 08 14 76 00-0027 | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors | 498.52 | 51.50 |
| 08 14 76 00-0028 | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors | 571.02 | 55.80 |
| 08 14 76 00-0029 | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors | 653.86 | 60.09 |
| 08 14 76 00-0030 | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors | 662.44 | 64.38 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 14 76 00-0031 | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors | 928.37 | 68.68 |
| 08 14 76 00-0032 | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors | 1,064.76 | 72.96 |
| 08 14 76 00-0033 | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors | 1,221.88 | 77.26 |

### 08 14 76 00-0034 Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 14 76 00-0035 | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 645.33 | 51.50 |
| 08 14 76 00-0036 | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 700.55 | 55.80 |
| 08 14 76 00-0037 | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 766.12 | 60.09 |
| 08 14 76 00-0038 | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 774.70 | 64.38 |
| 08 14 76 00-0039 | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 1,221.98 | 68.68 |
| 08 14 76 00-0040 | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 1,323.83 | 72.96 |
| 08 14 76 00-0041 | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors | 1,446.41 | 77.26 |

### 08 14 76 00-0042 Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 14 76 00-0043 | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors | 172.47 | 51.50 |
| 08 14 76 00-0044 | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors | 185.47 | 55.80 |
| 08 14 76 00-0045 | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors | 203.38 | 60.09 |
| 08 14 76 00-0046 | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors | 204.10 | 64.38 |
| 08 14 76 00-0047 | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors | 257.22 | 68.68 |
| 08 14 76 00-0048 | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors | 278.12 | 72.96 |
| 08 14 76 00-0049 | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors | 313.36 | 77.26 |

## 08 15 Plastic Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

## 08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

### 08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

### 08 16 13 00-0001 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*

### 08 16 13 00-0002 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*

### 08 16 13 00-0003 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

### 08 16 13 00-0004 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

### 08 16 13 00-0005 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

| | | | | |
|---|---|---|---|---|
| 08 16 13 00-0006 | EA | 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 2,828.72 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0007 | EA | 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,020.23 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0008 | EA | 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,311.22 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |

### 08 16 13 00-0009 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

| | | | | |
|---|---|---|---|---|
| 08 16 13 00-0010 | EA | 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 2,828.72 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0011 | EA | 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,096.38 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0012 | EA | 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,392.13 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 16 13 00-0013 | | Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*<br>Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. | | |
| 08 16 13 00-0014 | | 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)* | | |
| 08 16 13 00-0015 | | 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)* | | |
| 08 16 13 00-0016 | EA | 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,361.79 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0017 | EA | 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,431.14 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0018 | EA | 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,914.10 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0019 | | 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)* | | |
| 08 16 13 00-0020 | EA | 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,361.79 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0021 | EA | 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,678.64 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0022 | EA | 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 4,006.12 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0023 | | 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)* | | |
| 08 16 13 00-0024 | | 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)* | | |
| 08 16 13 00-0025 | EA | 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,361.79 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0026 | EA | 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,431.14 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0027 | EA | 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,914.10 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0028 | | 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)* | | |
| 08 16 13 00-0029 | EA | 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,361.79 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0030 | EA | 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,678.64 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0031 | EA | 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 4,006.12 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0032 | | 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)* | | |
| 08 16 13 00-0033 | | 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)* | | |
| 08 16 13 00-0034 | EA | 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,361.79 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 16 13 00-0035 | EA | 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,431.14 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0036 | EA | 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,914.10 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0037 | | 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)* | | |
| 08 16 13 00-0038 | EA | 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,361.79 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0039 | EA | 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 3,678.64 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0040 | EA | 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 4,006.12 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0041 | | Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)* | | |
| | | Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. | | |
| 08 16 13 00-0042 | | 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)* | | |
| 08 16 13 00-0043 | EA | 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 2,992.13 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0044 | | 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)* | | |
| 08 16 13 00-0045 | EA | 3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) | 2,992.13 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0046 | | Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) *(08 16 13 00-0002)* | | |
| 08 16 13 00-0047 | SI | 1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf) | 0.41 | |
| 08 16 13 00-0048 | SI | 1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf) | 0.41 | |
| 08 16 13 00-0049 | SI | 1/4" Wire, Factory Installed Vision Glass (Chem-Pruf) | 0.54 | |
| 08 16 13 00-0050 | SI | 1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf) | 0.52 | |
| 08 16 13 00-0051 | SI | Factory Installed Molded Louver (Chem-Pruf) | 1.04 | |
| 08 16 13 00-0052 | SI | Factory Installed Molded Louver With Insect Screen (Chem-Pruf) | 1.17 | |
| 08 16 13 00-0053 | LF | Weather Strip (Chem-Pruf) | 11.11 | |
| 08 16 13 00-0054 | LF | Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf) | 14.28 | |
| 08 16 13 00-0055 | LF | 1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf) | 30.14 | |
| 08 16 13 00-0056 | LF | Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf) | 33.32 | |
| 08 16 13 00-0057 | LF | 2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf) | 65.05 | |
| 08 16 13 00-0058 | | Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0001)* | | |
| 08 16 13 00-0059 | | Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0058)* | | |
| | | Note: White, tan, brown or gray finish. Includes factory hardware prep. | | |
| 08 16 13 00-0060 | | Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)* | | |
| | | Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. | | |
| 08 16 13 00-0061 | | 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)* | | |
| 08 16 13 00-0062 | EA | 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 2,156.95 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0063 | EA | 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 2,186.21 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0064 | EA | 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 2,290.78 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 16 13 00-0065 | | 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)* | | |
| 08 16 13 00-0066 | EA | 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 2,156.95 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0067 | EA | 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 2,282.19 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0068 | EA | 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 2,290.78 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0069 | | Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)* | | |
| | | Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. | | |
| 08 16 13 00-0070 | | 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)* | | |
| 08 16 13 00-0071 | | 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)* | | |
| 08 16 13 00-0072 | EA | 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,596.73 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0073 | EA | 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,670.14 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0074 | EA | 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,843.82 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0075 | | 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)* | | |
| 08 16 13 00-0076 | EA | 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,596.73 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0077 | EA | 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,697.01 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0078 | EA | 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,926.37 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0079 | | 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)* | | |
| 08 16 13 00-0080 | | 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)* | | |
| 08 16 13 00-0081 | EA | 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,596.73 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0082 | EA | 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,670.14 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0083 | EA | 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,843.82 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0084 | | 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)* | | |
| 08 16 13 00-0085 | EA | 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,596.73 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0086 | EA | 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,697.01 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 16 13 00-0087 | EA | 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,926.37 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |

### 08 16 13 00-0088 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*

### 08 16 13 00-0089 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*

| | | | | |
|---|---|---|---|---|
| 08 16 13 00-0090 | EA | 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,596.73 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0091 | EA | 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,670.14 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0092 | EA | 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,843.82 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |

### 08 16 13 00-0093 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*

| | | | | |
|---|---|---|---|---|
| 08 16 13 00-0094 | EA | 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,596.73 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0095 | EA | 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,697.01 | 53.68 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |
| 08 16 13 00-0096 | EA | 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 3,926.37 | 57.98 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |

### 08 16 13 00-0097 Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

### 08 16 13 00-0098 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*

| | | | | |
|---|---|---|---|---|
| 08 16 13 00-0099 | EA | 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 2,444.91 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |

### 08 16 13 00-0100 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*

| | | | | |
|---|---|---|---|---|
| 08 16 13 00-0101 | EA | 3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) | 2,444.91 | 51.53 |
| | | *For Custom Color Finish, Add* | *148.34* | |
| | | *For Stainless Steel Continuous Hinge, Add* | *330.19* | |

### 08 16 13 00-0102 Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) *(08 16 13 00-0058)*

| | | | |
|---|---|---|---|
| 08 16 13 00-0103 | SI | 1/4" Tempered, Factory Installed Vision Glass (Skule Door) | 0.91 |
| 08 16 13 00-0104 | SI | 1/4" Laminated, Factory Installed Vision Glass (Skule Door) | 0.93 |
| 08 16 13 00-0105 | SI | 1/4" Wire, Factory Installed Vision Glass (Skule Door) | 0.99 |
| 08 16 13 00-0106 | SI | 1/2" Insulated, Factory Installed Vision Glass (Skule Door) | 1.41 |
| 08 16 13 00-0107 | SI | Factory Installed Molded Louver (Skule Door) | 0.56 |
| 08 16 13 00-0108 | SI | Factory Installed Molded Louver With Insect Screen (Skule Door) | 0.89 |
| 08 16 13 00-0109 | LF | Weather Strip (Skule Door) | 7.68 |
| 08 16 13 00-0110 | LF | Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door) | 9.60 |
| 08 16 13 00-0111 | LF | 1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door) | 30.72 |
| 08 16 13 00-0112 | LF | Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door) | 109.42 |
| 08 16 13 00-0113 | LF | 2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door) | 42.23 |

### 08 16 13 00-0114 Galvanized Insulated Poly Core Composite Doors *(08 16 13)*

| | | | | |
|---|---|---|---|---|
| 08 16 13 00-0115 | EA | 3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N) | 1,158.26 | 51.53 |

## 08 17 Integrated Door Opening Assemblies *(08 10)*

**08 17 23 Integrated Metal Door Opening Assemblies** *(08 17)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 17 23 00-0001 | | **Pre-Hung Interior Door Units** *(08 17 23)*<br>Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware. | | |
| 08 17 23 00-0002 | | **Hollow Core Doors, 1-3/8" Thick** *(08 17 23 00-0001)* | | |
| 08 17 23 00-0003 | | **Birch Faced** *(08 17 23 00-0002)* | | |
| 08 17 23 00-0004 | EA | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 437.60 | 53.68 |
| | | *For 8' Door Height, Add* | *79.26* | |
| 08 17 23 00-0005 | EA | 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 457.88 | 53.68 |
| | | *For 8' Door Height, Add* | *84.12* | |
| 08 17 23 00-0006 | EA | 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 482.50 | 55.83 |
| | | *For 8' Door Height, Add* | *89.00* | |
| 08 17 23 00-0007 | EA | 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 492.83 | 57.98 |
| | | *For 8' Door Height, Add* | *90.45* | |
| 08 17 23 00-0008 | EA | 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 529.63 | 57.98 |
| | | *For 8' Door Height, Add* | *99.28* | |
| 08 17 23 00-0009 | EA | 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 560.41 | 60.12 |
| | | *For 8' Door Height, Add* | *105.64* | |
| 08 17 23 00-0010 | EA | Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 836.53 | 88.04 |
| | | *For 8' Door Height, Add* | *158.51* | |
| 08 17 23 00-0011 | EA | Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 890.04 | 94.48 |
| | | *For 8' Door Height, Add* | *168.26* | |
| 08 17 23 00-0012 | EA | Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door | 955.59 | 100.92 |
| | | *For 8' Door Height, Add* | *180.90* | |
| 08 17 23 00-0013 | | **Lauan Faced** *(08 17 23 00-0002)* | | |
| 08 17 23 00-0014 | EA | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 394.39 | 53.68 |
| | | *For 8' Door Height, Add* | *68.89* | |
| 08 17 23 00-0015 | EA | 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 413.86 | 53.68 |
| | | *For 8' Door Height, Add* | *73.56* | |
| 08 17 23 00-0016 | EA | 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 434.57 | 55.83 |
| | | *For 8' Door Height, Add* | *77.50* | |
| 08 17 23 00-0017 | EA | 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 450.46 | 57.98 |
| | | *For 8' Door Height, Add* | *80.28* | |
| 08 17 23 00-0018 | EA | 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 482.45 | 57.98 |
| | | *For 8' Door Height, Add* | *87.96* | |
| 08 17 23 00-0019 | EA | 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 510.16 | 60.12 |
| | | *For 8' Door Height, Add* | *93.58* | |
| 08 17 23 00-0020 | EA | Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 750.16 | 88.04 |
| | | *For 8' Door Height, Add* | *137.78* | |
| 08 17 23 00-0021 | EA | Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 801.88 | 94.48 |
| | | *For 8' Door Height, Add* | *147.10* | |
| 08 17 23 00-0022 | EA | Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door | 870.94 | 100.92 |
| | | *For 8' Door Height, Add* | *160.58* | |
| 08 17 23 00-0023 | | **Tempered Hardboard Faced** *(08 17 23 00-0002)* | | |
| 08 17 23 00-0024 | EA | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 332.37 | 53.68 |
| | | *For 8' Door Height, Add* | *54.00* | |
| 08 17 23 00-0025 | EA | 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 348.78 | 53.68 |
| | | *For 8' Door Height, Add* | *57.94* | |
| 08 17 23 00-0026 | EA | 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 360.87 | 55.83 |
| | | *For 8' Door Height, Add* | *59.81* | |
| 08 17 23 00-0027 | EA | 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 380.73 | 57.98 |
| | | *For 8' Door Height, Add* | *63.55* | |
| 08 17 23 00-0028 | EA | 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 409.84 | 57.98 |
| | | *For 8' Door Height, Add* | *70.53* | |
| 08 17 23 00-0029 | EA | 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 432.96 | 60.12 |
| | | *For 8' Door Height, Add* | *75.05* | |
| 08 17 23 00-0030 | EA | Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 626.10 | 88.04 |
| | | *For 8' Door Height, Add* | *108.00* | |
| 08 17 23 00-0031 | EA | Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 671.78 | 94.48 |
| | | *For 8' Door Height, Add* | *115.88* | |
| 08 17 23 00-0032 | EA | Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door | 731.39 | 100.92 |
| | | *For 8' Door Height, Add* | *127.09* | |
| 08 17 23 00-0033 | | **Solid Core Doors, 1-3/8" Thick** *(08 17 23 00-0001)* | | |
| 08 17 23 00-0034 | | **Birch Faced** *(08 17 23 00-0033)* | | |
| 08 17 23 00-0035 | EA | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 593.62 | 53.68 |
| | | *For 8' Door Height, Add* | *116.70* | |
| 08 17 23 00-0036 | EA | 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 619.20 | 53.68 |
| | | *For 8' Door Height, Add* | *122.84* | |
| 08 17 23 00-0037 | EA | 2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 649.02 | 55.83 |
| | | *For 8' Door Height, Add* | *128.97* | |
| 08 17 23 00-0038 | EA | 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 684.44 | 57.98 |
| | | *For 8' Door Height, Add* | *136.44* | |
| 08 17 23 00-0039 | EA | 3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 746.86 | 57.98 |
| | | *For 8' Door Height, Add* | *151.42* | |
| 08 17 23 00-0040 | EA | 3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 806.31 | 60.12 |
| | | *For 8' Door Height, Add* | *164.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 17 23 00-0041 | EA | Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 1,148.61 | 88.04 |
| | | *For 8' Door Height, Add* | *233.41* | |
| 08 17 23 00-0042 | EA | Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 1,212.63 | 94.48 |
| | | *For 8' Door Height, Add* | *245.68* | |
| 08 17 23 00-0043 | EA | Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door | 1,338.81 | 100.92 |
| | | *For 8' Door Height, Add* | *272.88* | |

### 08 17 23 00-0044 Lauan Faced *(08 17 23 00-0033)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0045 | EA | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 528.36 | 53.68 |
| | | *For 8' Door Height, Add* | *101.04* | |
| 08 17 23 00-0046 | EA | 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 551.51 | 53.68 |
| | | *For 8' Door Height, Add* | *106.60* | |
| 08 17 23 00-0047 | EA | 2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 578.92 | 55.83 |
| | | *For 8' Door Height, Add* | *112.14* | |
| 08 17 23 00-0048 | EA | 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 606.57 | 57.98 |
| | | *For 8' Door Height, Add* | *117.75* | |
| 08 17 23 00-0049 | EA | 3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 660.53 | 57.98 |
| | | *For 8' Door Height, Add* | *130.70* | |
| 08 17 23 00-0050 | EA | 3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 699.68 | 60.12 |
| | | *For 8' Door Height, Add* | *139.06* | |
| 08 17 23 00-0051 | EA | Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 1,018.06 | 88.04 |
| | | *For 8' Door Height, Add* | *202.08* | |
| 08 17 23 00-0052 | EA | Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 1,077.27 | 94.48 |
| | | *For 8' Door Height, Add* | *213.20* | |
| 08 17 23 00-0053 | EA | Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door | 1,183.08 | 100.92 |
| | | *For 8' Door Height, Add* | *235.50* | |

### 08 17 23 00-0054 Tempered Hardboard Faced *(08 17 23 00-0033)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0055 | EA | 2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 470.23 | 53.68 |
| | | *For 8' Door Height, Add* | *87.09* | |
| 08 17 23 00-0056 | EA | 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 491.24 | 53.68 |
| | | *For 8' Door Height, Add* | *92.13* | |
| 08 17 23 00-0057 | EA | 2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 516.62 | 55.83 |
| | | *For 8' Door Height, Add* | *97.19* | |
| 08 17 23 00-0058 | EA | 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 528.70 | 57.98 |
| | | *For 8' Door Height, Add* | *99.06* | |
| 08 17 23 00-0059 | EA | 3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 574.22 | 57.98 |
| | | *For 8' Door Height, Add* | *109.98* | |
| 08 17 23 00-0060 | EA | 3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 607.87 | 60.12 |
| | | *For 8' Door Height, Add* | *117.03* | |
| 08 17 23 00-0061 | PR | Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 901.81 | 88.04 |
| | | *For 8' Door Height, Add* | *174.18* | |
| 08 17 23 00-0062 | PR | Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 956.70 | 94.48 |
| | | *For 8' Door Height, Add* | *184.26* | |
| 08 17 23 00-0063 | PR | Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door | 1,027.33 | 100.92 |
| | | *For 8' Door Height, Add* | *198.12* | |

### 08 17 23 00-0064 Hollow Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

### 08 17 23 00-0065 Birch Faced *(08 17 23 00-0064)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0066 | EA | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 520.10 | 53.68 |
| | | *For 8' Door Height, Add* | *99.06* | |
| 08 17 23 00-0067 | EA | 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 535.68 | 53.68 |
| | | *For 8' Door Height, Add* | *102.80* | |
| 08 17 23 00-0068 | EA | 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 545.74 | 55.83 |
| | | *For 8' Door Height, Add* | *104.18* | |
| 08 17 23 00-0069 | EA | 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 575.43 | 57.98 |
| | | *For 8' Door Height, Add* | *110.28* | |
| 08 17 23 00-0070 | EA | 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 642.83 | 57.98 |
| | | *For 8' Door Height, Add* | *126.45* | |
| 08 17 23 00-0071 | EA | 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 725.87 | 60.12 |
| | | *For 8' Door Height, Add* | *145.35* | |
| 08 17 23 00-0072 | EA | Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 1,001.60 | 88.04 |
| | | *For 8' Door Height, Add* | *198.12* | |
| 08 17 23 00-0073 | EA | Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 1,045.59 | 94.48 |
| | | *For 8' Door Height, Add* | *205.59* | |
| 08 17 23 00-0074 | EA | Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door | 1,120.82 | 100.92 |
| | | *For 8' Door Height, Add* | *220.55* | |

### 08 17 23 00-0075 Lauan Faced *(08 17 23 00-0064)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0076 | EA | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 471.99 | 53.68 |
| | | *For 8' Door Height, Add* | *87.51* | |
| 08 17 23 00-0077 | EA | 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 497.12 | 53.68 |
| | | *For 8' Door Height, Add* | *93.54* | |
| 08 17 23 00-0078 | EA | 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 521.81 | 55.83 |
| | | *For 8' Door Height, Add* | *98.44* | |
| 08 17 23 00-0079 | EA | 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 534.17 | 57.98 |
| | | *For 8' Door Height, Add* | *100.37* | |
| 08 17 23 00-0080 | EA | 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 580.15 | 57.98 |
| | | *For 8' Door Height, Add* | *111.41* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 17 23 00-0081 | EA | 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 614.15 | 60.12 |
| | | *For 8' Door Height, Add* | *118.54* | |
| 08 17 23 00-0082 | EA | Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 905.36 | 88.04 |
| | | *For 8' Door Height, Add* | *175.03* | |
| 08 17 23 00-0083 | EA | Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 968.48 | 94.48 |
| | | *For 8' Door Height, Add* | *187.09* | |
| 08 17 23 00-0084 | EA | Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door | 1,038.30 | 100.92 |
| | | *For 8' Door Height, Add* | *200.75* | |

### 08 17 23 00-0085 Tempered Hardboard Faced *(08 17 23 00-0064)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0086 | EA | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 387.70 | 53.68 |
| | | *For 8' Door Height, Add* | *67.28* | |
| 08 17 23 00-0087 | EA | 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 395.51 | 53.68 |
| | | *For 8' Door Height, Add* | *69.16* | |
| 08 17 23 00-0088 | EA | 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 415.39 | 55.83 |
| | | *For 8' Door Height, Add* | *72.90* | |
| 08 17 23 00-0089 | EA | 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 435.26 | 57.98 |
| | | *For 8' Door Height, Add* | *76.63* | |
| 08 17 23 00-0090 | EA | 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 453.05 | 57.98 |
| | | *For 8' Door Height, Add* | *80.90* | |
| 08 17 23 00-0091 | EA | 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 478.94 | 60.12 |
| | | *For 8' Door Height, Add* | *86.09* | |
| 08 17 23 00-0092 | EA | Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 736.74 | 88.04 |
| | | *For 8' Door Height, Add* | *134.56* | |
| 08 17 23 00-0093 | EA | Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 765.25 | 94.48 |
| | | *For 8' Door Height, Add* | *138.31* | |
| 08 17 23 00-0094 | EA | Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door | 840.49 | 100.92 |
| | | *For 8' Door Height, Add* | *153.27* | |

### 08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

### 08 17 23 00-0096 Birch Faced *(08 17 23 00-0095)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0097 | EA | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 668.09 | 53.68 |
| | | *For 8' Door Height, Add* | *134.58* | |
| 08 17 23 00-0098 | EA | 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 691.43 | 53.68 |
| | | *For 8' Door Height, Add* | *140.18* | |
| 08 17 23 00-0099 | EA | 2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 703.54 | 55.83 |
| | | *For 8' Door Height, Add* | *142.05* | |
| 08 17 23 00-0100 | EA | 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 731.18 | 57.98 |
| | | *For 8' Door Height, Add* | *147.66* | |
| 08 17 23 00-0101 | EA | 3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 798.86 | 57.98 |
| | | *For 8' Door Height, Add* | *163.90* | |
| 08 17 23 00-0102 | EA | 3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 871.49 | 60.12 |
| | | *For 8' Door Height, Add* | *180.30* | |
| 08 17 23 00-0103 | EA | Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 1,297.53 | 88.04 |
| | | *For 8' Door Height, Add* | *269.15* | |
| 08 17 23 00-0104 | EA | Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 1,357.09 | 94.48 |
| | | *For 8' Door Height, Add* | *280.35* | |
| 08 17 23 00-0105 | EA | Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door | 1,432.30 | 100.92 |
| | | *For 8' Door Height, Add* | *295.31* | |

### 08 17 23 00-0106 Lauan Faced *(08 17 23 00-0095)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0107 | EA | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 680.40 | 53.68 |
| | | *For 8' Door Height, Add* | *137.53* | |
| 08 17 23 00-0108 | EA | 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 682.07 | 53.68 |
| | | *For 8' Door Height, Add* | *137.93* | |
| 08 17 23 00-0109 | EA | 2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 702.88 | 55.83 |
| | | *For 8' Door Height, Add* | *141.89* | |
| 08 17 23 00-0110 | EA | 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 719.13 | 57.98 |
| | | *For 8' Door Height, Add* | *144.76* | |
| 08 17 23 00-0111 | EA | 3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 773.64 | 57.98 |
| | | *For 8' Door Height, Add* | *157.85* | |
| 08 17 23 00-0112 | EA | 3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 820.01 | 60.12 |
| | | *For 8' Door Height, Add* | *167.94* | |
| 08 17 23 00-0113 | EA | Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 1,322.20 | 88.04 |
| | | *For 8' Door Height, Add* | *275.07* | |
| 08 17 23 00-0114 | EA | Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 1,338.37 | 94.48 |
| | | *For 8' Door Height, Add* | *275.86* | |
| 08 17 23 00-0115 | EA | Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door | 1,408.20 | 100.92 |
| | | *For 8' Door Height, Add* | *289.52* | |

### 08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0117 | EA | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 551.26 | 53.68 |
| | | *For 8' Door Height, Add* | *106.54* | |
| 08 17 23 00-0118 | EA | 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 559.03 | 53.68 |
| | | *For 8' Door Height, Add* | *108.40* | |
| 08 17 23 00-0119 | EA | 2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 571.14 | 55.83 |
| | | *For 8' Door Height, Add* | *110.28* | |
| 08 17 23 00-0120 | EA | 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 591.02 | 57.98 |
| | | *For 8' Door Height, Add* | *114.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 17 23 00-0121 | EA | 3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 625.87 | 57.98 |
| | | *For 8' Door Height, Add* | *122.38* | |
| 08 17 23 00-0122 | EA | 3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 662.80 | 60.12 |
| | | *For 8' Door Height, Add* | *130.21* | |
| 08 17 23 00-0123 | EA | Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 1,063.86 | 88.04 |
| | | *For 8' Door Height, Add* | *213.07* | |
| 08 17 23 00-0124 | EA | Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 1,092.30 | 94.48 |
| | | *For 8' Door Height, Add* | *216.80* | |
| 08 17 23 00-0125 | EA | Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door | 1,151.96 | 100.92 |
| | | *For 8' Door Height, Add* | *228.03* | |

### 08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0127 | EA | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 812.40 | 53.68 |
| | | *For 8' Door Height, Add* | *169.21* | |
| 08 17 23 00-0128 | EA | 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 816.70 | 53.68 |
| | | *For 8' Door Height, Add* | *170.24* | |
| 08 17 23 00-0129 | EA | 2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 857.44 | 55.83 |
| | | *For 8' Door Height, Add* | *178.99* | |
| 08 17 23 00-0130 | EA | 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 871.26 | 57.98 |
| | | *For 8' Door Height, Add* | *181.27* | |
| 08 17 23 00-0131 | EA | 3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 953.14 | 57.98 |
| | | *For 8' Door Height, Add* | *200.92* | |
| 08 17 23 00-0132 | EA | 3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 1,054.44 | 60.12 |
| | | *For 8' Door Height, Add* | *224.21* | |
| 08 17 23 00-0133 | EA | Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 1,586.17 | 88.04 |
| | | *For 8' Door Height, Add* | *338.43* | |
| 08 17 23 00-0134 | EA | Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 1,607.67 | 94.48 |
| | | *For 8' Door Height, Add* | *340.49* | |
| 08 17 23 00-0135 | EA | Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door | 1,712.46 | 100.92 |
| | | *For 8' Door Height, Add* | *362.55* | |

### 08 17 23 00-0136 Walnut Faced *(08 17 23 00-0095)*

| | | | | |
|---|---|---|---|---|
| 08 17 23 00-0137 | EA | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 1,032.59 | 53.68 |
| | | *For 8' Door Height, Add* | *222.06* | |
| 08 17 23 00-0138 | EA | 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 1,071.05 | 53.68 |
| | | *For 8' Door Height, Add* | *231.29* | |
| 08 17 23 00-0139 | EA | 2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 1,088.25 | 55.83 |
| | | *For 8' Door Height, Add* | *234.38* | |
| 08 17 23 00-0140 | EA | 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 1,131.07 | 57.98 |
| | | *For 8' Door Height, Add* | *243.63* | |
| 08 17 23 00-0141 | EA | 3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 1,242.74 | 57.98 |
| | | *For 8' Door Height, Add* | *270.43* | |
| 08 17 23 00-0142 | EA | 3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 1,359.80 | 60.12 |
| | | *For 8' Door Height, Add* | *297.49* | |
| 08 17 23 00-0143 | EA | Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 2,026.53 | 88.04 |
| | | *For 8' Door Height, Add* | *444.11* | |
| 08 17 23 00-0144 | EA | Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 2,116.34 | 94.48 |
| | | *For 8' Door Height, Add* | *462.57* | |
| 08 17 23 00-0145 | EA | Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door | 2,232.08 | 100.92 |
| | | *For 8' Door Height, Add* | *487.26* | |

## 08 18 Glass Doors *(08 10)*

### 08 18 16 Sliding Glass Doors *(08 18)*

### 08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors *(08 18 16)*

### 08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0001)*

### 08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 18 16 00-0004 | SF | Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware | 27.16 | 3.86 |
| | | *For Custom Quality, Add* | *4.24* | |
| | | *For Tempered Glass, Add* | *1.42* | |
| | | *For Anodized Or Colored Aluminum Frames, Add* | *3.05* | |
| 08 18 16 00-0005 | SF | >6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware | 22.15 | 2.40 |
| | | *For Custom Quality, Add* | *4.05* | |
| | | *For Tempered Glass, Add* | *1.42* | |
| | | *For Anodized Or Colored Aluminum Frames, Add* | *2.91* | |

### 08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 18 16 00-0007 | SF | Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware | 30.19 | 3.86 |
| | | *For Custom Quality, Add* | *4.99* | |
| | | *For Tempered Glass, Add* | *1.42* | |
| | | *For Anodized Or Colored Aluminum Frames, Add* | *3.59* | |
| 08 18 16 00-0008 | SF | >6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware | 25.14 | 2.40 |
| | | *For Custom Quality, Add* | *4.80* | |
| | | *For Tempered Glass, Add* | *1.42* | |
| | | *For Anodized Or Colored Aluminum Frames, Add* | *3.45* | |

### 08 18 16 00-0010 Sliding Wood-Framed Glass Doors *(08 18 16)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 18 16 00-0011 | | Residential Wood Sliding Doors With 5/8" Glass *(08 18 16 00-0010)* | | |
| 08 18 16 00-0012 | EA | 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware | 2,489.91 | 115.95 |
| 08 18 16 00-0013 | EA | 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware | 3,039.46 | 141.72 |
| 08 18 16 00-0014 | EA | 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware | 3,512.91 | 163.19 |
| 08 18 16 00-0015 | EA | 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware | 2,752.64 | 115.95 |
| 08 18 16 00-0016 | EA | 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware | 3,378.79 | 141.72 |
| 08 18 16 00-0017 | EA | 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware | 3,932.85 | 163.19 |

# 08 30 Specialty Doors and Frames *(08)*

Note: Includes caulk, sealant and mounting anchors.

## 08 31 Access Doors and Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

### 08 31 13 Access Doors and Frames *(08 31)*

| | | | | |
|---|---|---|---|---|
| 08 31 13 00-0001 | | Stainless Steel Access Doors *(08 31 13)* | | |
| 08 31 13 00-0002 | | Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)* | | |
| 08 31 13 00-0003 | EA | 12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch | 388.02 | 54.26 |
| 08 31 13 00-0004 | EA | 12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch | 451.20 | 57.80 |
| 08 31 13 00-0005 | EA | 18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch | 526.39 | 61.13 |
| 08 31 13 00-0006 | EA | 24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch | 607.17 | 64.24 |
| 08 31 13 00-0007 | EA | 24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch | 621.05 | 64.57 |
| 08 31 13 00-0008 | EA | 24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch | 803.25 | 66.57 |
| 08 31 13 00-0009 | | Stainless Steel Access Doors *(08 31 13 00-0001)* | | |
| 08 31 13 00-0010 | EA | 8" x 8" Stainless Steel Access Door With Cam Latch | 157.94 | 41.60 |
| 08 31 13 00-0011 | EA | 12" x 12" Stainless Steel Access Door With Cam Latch | 188.18 | 54.26 |
| 08 31 13 00-0012 | EA | 12" x 18" Stainless Steel Access Door With Cam Latch | 266.16 | 57.80 |
| 08 31 13 00-0013 | EA | 18" x 18" Stainless Steel Access Door With Cam Latch | 285.60 | 61.13 |
| 08 31 13 00-0014 | EA | 24" x 18" Stainless Steel Access Door With Cam Latch | 330.93 | 64.24 |
| 08 31 13 00-0015 | EA | 24" x 24" Stainless Steel Access Door With Cam Latch | 376.37 | 64.57 |
| 08 31 13 00-0016 | | Steel Access Doors *(08 31 13)* | | |
| | | Note: Includes paintable powder coated finish. | | |
| 08 31 13 00-0017 | | Insulated Fire Rated Steel Access Doors *(08 31 13 00-0016)* | | |
| 08 31 13 00-0018 | EA | 12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch | 264.07 | 54.59 |
| 08 31 13 00-0019 | EA | 12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch | 327.53 | 57.80 |
| 08 31 13 00-0020 | EA | 18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch | 327.11 | 61.13 |
| 08 31 13 00-0021 | EA | 24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch | 389.00 | 64.57 |
| 08 31 13 00-0022 | EA | 24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch | 406.79 | 64.57 |
| 08 31 13 00-0023 | EA | 24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch | 536.29 | 66.57 |
| 08 31 13 00-0024 | EA | 24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch | 618.92 | 69.34 |
| 08 31 13 00-0025 | EA | 36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch | 766.15 | 69.34 |
| 08 31 13 00-0026 | EA | 48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch | 983.56 | 83.21 |
| 08 31 13 00-0027 | | Steel Access Doors *(08 31 13 00-0016)* | | |
| 08 31 13 00-0028 | EA | 8" x 8" Steel Access Door With Cam Latch | 133.96 | 41.82 |
| 08 31 13 00-0029 | EA | 12" x 12" Steel Access Door With Cam Latch | 143.51 | 54.59 |
| 08 31 13 00-0030 | EA | 12" x 18" Steel Access Door With Cam Latch | 165.48 | 57.80 |
| 08 31 13 00-0031 | EA | 18" x 18" Steel Access Door With Cam Latch | 170.00 | 61.13 |
| 08 31 13 00-0032 | EA | 24" x 18" Steel Access Door With Cam Latch | 202.25 | 64.57 |
| 08 31 13 00-0033 | EA | 24" x 24" Steel Access Door With Cam Latch | 207.16 | 64.57 |
| 08 31 13 00-0034 | EA | 24" x 36" Steel Access Door With Cam Latch | 268.50 | 66.57 |
| 08 31 13 00-0035 | EA | 36" x 36" Steel Access Door With Cam Latch | 355.91 | 69.34 |
| 08 31 13 00-0036 | | Steel Recessed Access Doors For Drywall Application *(08 31 13)* | | |
| | | Note: Includes paintable powder coated finish. | | |
| 08 31 13 00-0037 | EA | 8" x 8" Recessed Steel Access Door With Cam Latch | 192.89 | 41.60 |
| | | *For Recessed Doors In Acoustical Tile, Add* | *16.83* | |
| 08 31 13 00-0038 | EA | 12" x 12" Recessed Steel Access Door With Cam Latch | 201.80 | 44.60 |
| | | *For Recessed Doors In Acoustical Tile, Add* | *18.77* | |
| 08 31 13 00-0039 | EA | 12" x 18" Recessed Steel Access Door With Cam Latch | 216.94 | 47.15 |
| | | *For Recessed Doors In Acoustical Tile, Add* | *19.35* | |
| 08 31 13 00-0040 | EA | 18" x 18" Recessed Steel Access Door With Cam Latch | 254.98 | 49.92 |
| | | *For Recessed Doors In Acoustical Tile, Add* | *16.67* | |
| 08 31 13 00-0041 | EA | 24" x 18" Recessed Steel Access Door With Cam Latch | 268.27 | 52.69 |
| | | *For Recessed Doors In Acoustical Tile, Add* | *17.74* | |
| 08 31 13 00-0042 | EA | 24" x 24" Recessed Steel Access Door With Cam Latch | 294.15 | 52.69 |
| | | *For Recessed Doors In Acoustical Tile, Add* | *13.86* | |
| 08 31 13 00-0043 | EA | 24" x 36" Recessed Steel Access Door With Cam Latch | 366.32 | 66.57 |
| | | *For Recessed Doors In Acoustical Tile, Add* | *18.27* | |
| 08 31 13 00-0044 | EA | 36" x 36" Recessed Steel Access Door With Cam Latch | 525.49 | 69.34 |
| | | *For Recessed Doors In Acoustical Tile, Add* | *-2.55* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 31 13 00-0045** | | **Steel Crawl Space Doors And Frames** *(08 31 13)* Note: Includes paintable powder coated finish. | | |
| 08 31 13 00-0046 | EA | 24" x 24" Steel Crawl Space Door With Cam Latch | 221.44 | 70.22 |
| 08 31 13 00-0047 | EA | 30" x 24" Steel Crawl Space Door With Cam Latch | 312.05 | 85.10 |
| 08 31 13 00-0048 | EA | 30" x 30" Steel Crawl Space Door With Cam Latch | 349.92 | 92.42 |

## 08 33 Coiling Doors and Grilles *(08 30)*

### 08 33 13 Coiling Counter Doors *(08 33)*

**08 33 13 00-0001 Overhead Rolling Counter Doors** *(08 33 13)*

**08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors** *(08 33 13 00-0001)*
Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0003 | EA | 4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) | 6,574.13 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0004 | EA | 6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) | 6,914.27 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0005 | EA | 8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) | 7,472.97 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0006 | EA | 10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) | 7,999.10 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0007 | EA | 4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) | 8,104.76 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0008 | EA | 6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) | 8,466.73 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0009 | EA | 8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) | 8,679.56 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0010 | EA | 10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) | 9,195.57 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

**08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors** *(08 33 13 00-0001)*
Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0012 | EA | 4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) | 7,424.48 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0013 | EA | 6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) | 8,359.86 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0014 | EA | 8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) | 8,578.43 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0015 | EA | 10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) | 10,465.12 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0016 | EA | 4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) | 8,955.11 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0017 | EA | 6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) | 9,232.05 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0018 | EA | 8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) | 9,444.87 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0019 | EA | 10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) | 12,086.76 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

**08 33 13 00-0020 Aluminum Overhead Rolling Counter Doors** *(08 33 13 00-0001)*
Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0021 | EA | 4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) | 7,254.41 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0022 | EA | 6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) | 7,594.55 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0023 | EA | 8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) | 8,493.39 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0024 | EA | 10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) | 10,039.94 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0025 | EA | 4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) | 8,785.04 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0026 | EA | 6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) | 9,147.01 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0027 | EA | 8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) | 9,402.35 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0028 | EA | 10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) | 11,916.69 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

**08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors** *(08 33 13 00-0001)*
Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0030 | EA | 4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) | 8,614.97 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 13 00-0031 | EA | 6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) | 9,125.18 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0032 | EA | 8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) | 9,853.95 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0033 | EA | 10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) | 10,550.15 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0034 | EA | 4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) | 9,635.39 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0035 | EA | 6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) | 10,082.40 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0036 | EA | 8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) | 10,465.29 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0037 | EA | 10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) | 10,726.20 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

### 08 33 13 00-0038 Stainless Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0039 | EA | 4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) | 9,805.46 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0040 | EA | 6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) | 11,166.02 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0041 | EA | 8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) | 11,384.58 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0042 | EA | 10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) | 13,951.55 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0043 | EA | 4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) | 10,655.81 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0044 | EA | 6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) | 11,017.79 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0045 | EA | 8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) | 11,400.68 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0046 | EA | 10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) | 14,127.60 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

### 08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors *(08 33 13)*

### 08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0049 | EA | 4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) | 14,227.28 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0050 | EA | 6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) | 14,567.42 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0051 | EA | 8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) | 14,956.05 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0052 | EA | 10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) | 15,482.18 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0053 | EA | 4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) | 14,737.49 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0054 | EA | 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) | 15,184.50 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0055 | EA | 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) | 15,567.39 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0056 | EA | 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) | 17,358.93 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

### 08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0058 | EA | 4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) | 12,526.58 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 13 00-0059 | EA | 6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) | 12,866.72 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0060 | EA | 8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) | 13,255.35 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0061 | EA | 10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) | 13,781.48 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0062 | EA | 4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) | 14,057.21 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0063 | EA | 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) | 14,504.22 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0064 | EA | 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) | 15,057.18 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0065 | EA | 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) | 15,488.16 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

### 08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0067 | EA | 4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) | 19,669.52 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0068 | EA | 6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) | 21,370.22 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0069 | EA | 8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) | 24,820.11 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0070 | EA | 10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) | 26,706.80 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0071 | EA | 4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) | 22,220.57 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0072 | EA | 6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) | 24,028.14 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0073 | EA | 8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) | 26,621.94 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0074 | EA | 10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) | 30,114.18 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

### 08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

| | | | | |
|---|---|---|---|---|
| 08 33 13 00-0076 | EA | 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) | 16,608.26 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0077 | EA | 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) | 16,948.40 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0078 | EA | 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) | 17,677.17 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0079 | EA | 10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) | 19,053.65 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| 08 33 13 00-0080 | EA | 4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) | 17,628.68 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0081 | EA | 6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) | 18,755.97 | 427.43 |
| | | *For Motor Operator (With Safety Reverse), Add* | *756.87* | |
| 08 33 13 00-0082 | EA | 8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) | 19,819.14 | 444.56 |
| | | *For Motor Operator (With Safety Reverse), Add* | *761.14* | |
| 08 33 13 00-0083 | EA | 10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) | 23,311.38 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *770.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 13 00-0084 | | Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports. | | |
| 08 33 13 00-0085 | EA | 4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) | 23,921.27 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0086 | EA | 6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) | 24,771.62 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0087 | EA | 8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) | 28,221.51 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0088 | | Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports. | | |
| 08 33 13 00-0089 | EA | 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) | 17,968.82 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0090 | EA | 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) | 24,771.62 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0091 | EA | 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) | 28,221.51 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0092 | | Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports. | | |
| 08 33 13 00-0093 | EA | 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662) | 15,587.84 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0094 | EA | 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662) | 17,628.68 | 384.73 |
| | | *For Motor Operator (With Safety Reverse), Add* | *746.18* | |
| 08 33 13 00-0095 | EA | 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662) | 18,867.66 | 408.78 |
| | | *For Motor Operator (With Safety Reverse), Add* | *751.03* | |
| 08 33 13 00-0096 | EA | 10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662) | 20,754.35 | 480.91 |
| | | *For Motor Operator (With Safety Reverse), Add* | *769.63* | |
| **08 33 16** | | **Coiling Counter Grilles** *(08 33)* | | |
| 08 33 16 00-0001 | | Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)* | | |
| 08 33 16 00-0002 | EA | 4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 1,961.03 | 168.32 |
| | | *For Lexan Lattice Pattern, Add* | *222.02* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *95.49* | |
| | | *For Staggered Brick Pattern, Add* | *170.01* | |
| 08 33 16 00-0003 | EA | 6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 2,150.32 | 168.32 |
| | | *For Lexan Lattice Pattern, Add* | *250.41* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *131.41* | |
| | | *For Staggered Brick Pattern, Add* | *230.63* | |
| 08 33 16 00-0004 | EA | 8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 2,501.69 | 224.40 |
| | | *For Lexan Lattice Pattern, Add* | *279.07* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *167.34* | |
| | | *For Staggered Brick Pattern, Add* | *291.26* | |
| 08 33 16 00-0005 | EA | 12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 2,957.23 | 224.40 |
| | | *For Lexan Lattice Pattern, Add* | *347.40* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *239.17* | |
| | | *For Staggered Brick Pattern, Add* | *412.51* | |
| 08 33 16 00-0006 | EA | 16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 4,024.12 | 336.63 |
| | | *For Lexan Lattice Pattern, Add* | *459.35* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *358.30* | |
| | | *For Staggered Brick Pattern, Add* | *543.95* | |
| 08 33 16 00-0007 | EA | 18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 4,556.92 | 384.73 |
| | | *For Lexan Lattice Pattern, Add* | *515.32* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *358.30* | |
| | | *For Staggered Brick Pattern, Add* | *543.95* | |
| 08 33 16 00-0008 | EA | 20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 5,091.01 | 448.69 |
| | | *For Lexan Lattice Pattern, Add* | *571.29* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *477.42* | |
| | | *For Staggered Brick Pattern, Add* | *675.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 16 00-0009 | EA | 24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 6,342.00 | 538.62 |
| | | *For Lexan Lattice Pattern, Add* | *720.09* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *572.92* | |
| | | *For Staggered Brick Pattern, Add* | *698.39* | |
| 08 33 16 00-0010 | EA | 30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 7,791.57 | 673.28 |
| | | *For Lexan Lattice Pattern, Add* | *880.19* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *670.58* | |
| | | *For Staggered Brick Pattern, Add* | *801.67* | |
| 08 33 16 00-0011 | EA | 4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 2,105.52 | 168.32 |
| | | *For Lexan Lattice Pattern, Add* | *243.69* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *143.22* | |
| | | *For Staggered Brick Pattern, Add* | *197.51* | |
| 08 33 16 00-0012 | EA | 6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 2,377.39 | 168.32 |
| | | *For Lexan Lattice Pattern, Add* | *284.47* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *214.82* | |
| | | *For Staggered Brick Pattern, Add* | *268.63* | |
| 08 33 16 00-0013 | EA | 8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 2,698.07 | 224.49 |
| | | *For Lexan Lattice Pattern, Add* | *308.53* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *286.40* | |
| | | *For Staggered Brick Pattern, Add* | *339.74* | |
| 08 33 16 00-0014 | EA | 12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 3,222.94 | 224.49 |
| | | *For Lexan Lattice Pattern, Add* | *387.26* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *429.68* | |
| | | *For Staggered Brick Pattern, Add* | *481.94* | |
| 08 33 16 00-0015 | EA | 16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 4,396.81 | 336.63 |
| | | *For Lexan Lattice Pattern, Add* | *515.25* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *572.92* | |
| | | *For Staggered Brick Pattern, Add* | *663.46* | |
| 08 33 16 00-0016 | EA | 18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 4,983.10 | 384.73 |
| | | *For Lexan Lattice Pattern, Add* | *579.24* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *572.92* | |
| | | *For Staggered Brick Pattern, Add* | *663.46* | |
| 08 33 16 00-0017 | EA | 20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 5,567.26 | 448.69 |
| | | *For Lexan Lattice Pattern, Add* | *643.24* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *716.15* | |
| | | *For Staggered Brick Pattern, Add* | *844.97* | |
| 08 33 16 00-0018 | EA | 24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 6,963.60 | 538.62 |
| | | *For Lexan Lattice Pattern, Add* | *813.33* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *859.37* | |
| | | *For Staggered Brick Pattern, Add* | *974.08* | |
| 08 33 16 00-0019 | EA | 30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift | 8,410.68 | 673.28 |
| | | *For Lexan Lattice Pattern, Add* | *973.05* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,000.54* | |
| | | *For Staggered Brick Pattern, Add* | *1,092.01* | |

## 08 33 23 Overhead Coiling Doors *(08 33)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0857 for forklift.

### 08 33 23 11 Overhead Coiling Doors *(08 33 23)*

Note: Excludes lifting equipment (forklift or scissor lift) where required.

#### 08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

#### 08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 11-0003 | EA | 4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,020.53 | 438.77 |
| 08 33 23 11-0004 | EA | 4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,091.84 | 464.58 |
| 08 33 23 11-0005 | EA | 5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,089.53 | 464.58 |
| 08 33 23 11-0006 | EA | 5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,163.85 | 490.40 |
| 08 33 23 11-0007 | EA | 6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,184.37 | 503.32 |
| 08 33 23 11-0008 | EA | 6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,284.24 | 542.02 |
| 08 33 23 11-0009 | EA | 6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,367.14 | 567.82 |
| 08 33 23 11-0010 | EA | 8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,344.42 | 567.82 |
| 08 33 23 11-0011 | EA | 8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,386.70 | 580.72 |
| 08 33 23 11-0012 | EA | 8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,436.29 | 593.63 |
| 08 33 23 11-0013 | EA | 8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,533.91 | 619.44 |
| 08 33 23 11-0014 | EA | 10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,433.12 | 593.63 |
| 08 33 23 11-0015 | EA | 10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,518.78 | 619.44 |
| 08 33 23 11-0016 | EA | 10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,615.79 | 645.25 |
| 08 33 23 11-0017 | EA | 10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift | 1,690.86 | 671.06 |

#### 08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

| | | | | |
|---|---|---|---|---|
| 08 33 23 11-0019 | EA | 8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,392.17 | 652.99 |
| | | *For Insulated, Add* | *912.58* | |
| 08 33 23 11-0020 | EA | 8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,459.44 | 667.84 |
| | | *For Insulated, Add* | *942.97* | |
| 08 33 23 11-0021 | EA | 8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,658.56 | 712.36 |
| | | *For Insulated, Add* | *1,032.23* | |
| 08 33 23 11-0022 | EA | 8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,832.46 | 742.04 |
| | | *For Insulated, Add* | *1,122.59* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 11-0023 | EA | 10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,556.37 | 682.68 |
| | | *For Insulated, Add* | *995.66* | |
| 08 33 23 11-0024 | EA | 10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,760.70 | 742.04 |
| | | *For Insulated, Add* | *1,068.77* | |
| 08 33 23 11-0025 | EA | 10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,905.69 | 771.72 |
| | | *For Insulated, Add* | *1,137.44* | |
| 08 33 23 11-0026 | EA | 10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,088.45 | 801.40 |
| | | *For Insulated, Add* | *1,234.44* | |
| 08 33 23 11-0027 | EA | 12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,727.90 | 712.36 |
| | | *For Insulated, Add* | *1,084.24* | |
| 08 33 23 11-0028 | EA | 12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,886.45 | 742.04 |
| | | *For Insulated, Add* | *1,163.08* | |
| 08 33 23 11-0029 | EA | 12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,104.39 | 801.40 |
| | | *For Insulated, Add* | *1,246.40* | |
| 08 33 23 11-0030 | EA | 12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,336.25 | 827.22 |
| | | *For Insulated, Add* | *1,385.45* | |
| 08 33 23 11-0031 | EA | 14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,420.73 | 878.84 |
| | | *For Insulated, Add* | *1,379.12* | |
| 08 33 23 11-0032 | EA | 14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,730.44 | 930.46 |
| | | *For Insulated, Add* | *1,541.72* | |
| 08 33 23 11-0033 | EA | 14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,052.67 | 982.07 |
| | | *For Insulated, Add* | *1,713.70* | |

### 08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

| | | | | |
|---|---|---|---|---|
| 08 33 23 11-0035 | EA | 4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,111.29 | 587.69 |
| | | *For Insulated, Add* | *790.07* | |
| 08 33 23 11-0036 | EA | 4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,270.23 | 620.35 |
| | | *For Insulated, Add* | *865.17* | |
| 08 33 23 11-0037 | EA | 4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,383.66 | 646.16 |
| | | *For Insulated, Add* | *915.40* | |
| 08 33 23 11-0038 | EA | 6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,411.91 | 685.65 |
| | | *For Insulated, Add* | *883.28* | |
| 08 33 23 11-0039 | EA | 6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,646.56 | 750.95 |
| | | *For Insulated, Add* | *971.11* | |
| 08 33 23 11-0040 | EA | 6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,793.80 | 776.76 |
| | | *For Insulated, Add* | *1,046.70* | |
| 08 33 23 11-0041 | EA | 6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,139.70 | 802.57 |
| | | *For Insulated, Add* | *1,271.28* | |
| 08 33 23 11-0042 | EA | 6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,511.41 | 841.29 |
| | | *For Insulated, Add* | *1,497.80* | |
| 08 33 23 11-0043 | EA | 8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,620.02 | 734.62 |
| | | *For Insulated, Add* | *973.29* | |
| 08 33 23 11-0044 | EA | 8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 2,833.07 | 783.60 |
| | | *For Insulated, Add* | *1,066.95* | |
| 08 33 23 11-0045 | EA | 8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,003.10 | 816.25 |
| | | *For Insulated, Add* | *1,150.36* | |
| 08 33 23 11-0046 | EA | 8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,335.85 | 842.06 |
| | | *For Insulated, Add* | *1,365.07* | |
| 08 33 23 11-0047 | EA | 8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,694.38 | 880.77 |
| | | *For Insulated, Add* | *1,581.71* | |
| 08 33 23 11-0048 | EA | 10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,088.68 | 848.90 |
| | | *For Insulated, Add* | *1,170.50* | |
| 08 33 23 11-0049 | EA | 10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,309.10 | 881.55 |
| | | *For Insulated, Add* | *1,291.71* | |
| 08 33 23 11-0050 | EA | 10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,706.54 | 933.17 |
| | | *For Insulated, Add* | *1,520.10* | |
| 08 33 23 11-0051 | EA | 10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,155.61 | 1,010.60 |
| | | *For Insulated, Add* | *1,752.37* | |
| 08 33 23 11-0052 | EA | 10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,620.88 | 1,113.84 |
| | | *For Insulated, Add* | *1,961.95* | |
| 08 33 23 11-0053 | EA | 10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,137.78 | 1,242.89 |
| | | *For Insulated, Add* | *2,175.41* | |
| 08 33 23 11-0054 | EA | 10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,706.30 | 1,397.75 |
| | | *For Insulated, Add* | *2,392.73* | |
| 08 33 23 11-0055 | EA | 10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,325.33 | 1,578.42 |
| | | *For Insulated, Add* | *2,613.10* | |
| 08 33 23 11-0056 | EA | 12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,319.49 | 881.55 |
| | | *For Insulated, Add* | *1,299.50* | |
| 08 33 23 11-0057 | EA | 12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 3,537.12 | 909.94 |
| | | *For Insulated, Add* | *1,424.39* | |
| 08 33 23 11-0058 | EA | 12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,029.96 | 961.57 |
| | | *For Insulated, Add* | *1,724.34* | |
| 08 33 23 11-0059 | EA | 12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,574.42 | 1,038.99 |
| | | *For Insulated, Add* | *2,028.15* | |
| 08 33 23 11-0060 | EA | 12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,116.45 | 1,142.23 |
| | | *For Insulated, Add* | *2,295.29* | |
| 08 33 23 11-0061 | EA | 12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,710.08 | 1,271.28 |
| | | *For Insulated, Add* | *2,566.31* | |
| 08 33 23 11-0062 | EA | 12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,355.35 | 1,426.15 |
| | | *For Insulated, Add* | *2,841.19* | |
| 08 33 23 11-0063 | EA | 12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,103.84 | 1,632.62 |
| | | *For Insulated, Add* | *3,123.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 33 23 11-0064** | | **20 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)* Note: With curtain hood (barrel cover) | | |
| 08 33 23 11-0065 | EA | 14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,041.88 | 1,026.48 |
| | | *For Insulated, Add* | *1,645.68* | |
| 08 33 23 11-0066 | EA | 14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,415.19 | 1,078.10 |
| | | *For Insulated, Add* | *1,855.97* | |
| 08 33 23 11-0067 | EA | 14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,860.31 | 1,129.72 |
| | | *For Insulated, Add* | *2,120.12* | |
| 08 33 23 11-0068 | EA | 14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,312.15 | 1,207.15 |
| | | *For Insulated, Add* | *2,354.47* | |
| 08 33 23 11-0069 | EA | 14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,840.15 | 1,310.39 |
| | | *For Insulated, Add* | *2,611.10* | |
| 08 33 23 11-0070 | EA | 14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,367.69 | 1,413.63 |
| | | *For Insulated, Add* | *2,867.38* | |
| 08 33 23 11-0071 | EA | 14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,432.04 | 1,542.68 |
| | | *For Insulated, Add* | *3,491.43* | |
| 08 33 23 11-0072 | EA | 14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 8,548.01 | 1,697.54 |
| | | *For Insulated, Add* | *4,119.34* | |
| 08 33 23 11-0073 | EA | 16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 4,848.29 | 1,180.45 |
| | | *For Insulated, Add* | *2,042.61* | |
| 08 33 23 11-0074 | EA | 16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,269.89 | 1,232.08 |
| | | *For Insulated, Add* | *2,289.12* | |
| 08 33 23 11-0075 | EA | 16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,647.79 | 1,283.69 |
| | | *For Insulated, Add* | *2,502.86* | |
| 08 33 23 11-0076 | EA | 16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,089.96 | 1,361.12 |
| | | *For Insulated, Add* | *2,729.95* | |
| 08 33 23 11-0077 | EA | 16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,620.14 | 1,464.37 |
| | | *For Insulated, Add* | *2,988.22* | |
| 08 33 23 11-0078 | EA | 16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,219.16 | 1,567.61 |
| | | *For Insulated, Add* | *3,298.10* | |
| 08 33 23 11-0079 | EA | 16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 8,115.55 | 1,696.66 |
| | | *For Insulated, Add* | *3,796.18* | |
| 08 33 23 11-0080 | EA | 16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 9,070.20 | 1,851.52 |
| | | *For Insulated, Add* | *4,303.10* | |
| 08 33 23 11-0081 | EA | 18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,260.63 | 1,328.01 |
| | | *For Insulated, Add* | *2,152.63* | |
| 08 33 23 11-0082 | EA | 18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 5,640.29 | 1,379.63 |
| | | *For Insulated, Add* | *2,367.68* | |
| 08 33 23 11-0083 | EA | 18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,244.18 | 1,457.06 |
| | | *For Insulated, Add* | *2,716.08* | |
| 08 33 23 11-0084 | EA | 18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,815.12 | 1,560.30 |
| | | *For Insulated, Add* | *3,004.90* | |
| 08 33 23 11-0085 | EA | 18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,441.05 | 1,689.36 |
| | | *For Insulated, Add* | *3,300.13* | |
| 08 33 23 11-0086 | EA | 18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 8,119.05 | 1,844.21 |
| | | *For Insulated, Add* | *3,599.57* | |
| 08 33 23 11-0087 | EA | 18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 9,241.92 | 2,024.89 |
| | | *For Insulated, Add* | *4,197.82* | |
| 08 33 23 11-0088 | EA | 18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 10,436.55 | 2,231.37 |
| | | *For Insulated, Add* | *4,815.04* | |
| 08 33 23 11-0089 | EA | 20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,016.74 | 1,527.21 |
| | | *For Insulated, Add* | *2,450.79* | |
| 08 33 23 11-0090 | EA | 20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,721.03 | 1,578.83 |
| | | *For Insulated, Add* | *2,909.32* | |
| **08 33 23 11-0091** | | **18 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)* Note: With curtain hood (barrel cover). | | |
| 08 33 23 11-0092 | EA | 20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,636.25 | 1,867.28 |
| | | *For Insulated, Add* | *3,206.39* | |
| 08 33 23 11-0093 | EA | 20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 8,396.25 | 1,944.71 |
| | | *For Insulated, Add* | *3,671.86* | |
| 08 33 23 11-0094 | EA | 20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 9,314.09 | 2,047.95 |
| | | *For Insulated, Add* | *4,220.86* | |
| 08 33 23 11-0095 | EA | 20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 10,332.72 | 2,151.19 |
| | | *For Insulated, Add* | *4,845.46* | |
| 08 33 23 11-0096 | EA | 20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 11,407.73 | 2,280.24 |
| | | *For Insulated, Add* | *5,477.50* | |
| 08 33 23 11-0097 | EA | 20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 12,551.04 | 2,435.10 |
| | | *For Insulated, Add* | *6,125.92* | |
| 08 33 23 11-0098 | EA | 22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,636.70 | 1,807.91 |
| | | *For Insulated, Add* | *2,536.87* | |
| 08 33 23 11-0099 | EA | 22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,433.65 | 1,885.35 |
| | | *For Insulated, Add* | *3,030.05* | |
| 08 33 23 11-0100 | EA | 22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 8,528.05 | 2,054.00 |
| | | *For Insulated, Add* | *3,623.11* | |
| 08 33 23 11-0101 | EA | 22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 9,508.06 | 2,131.43 |
| | | *For Insulated, Add* | *4,253.59* | |
| 08 33 23 11-0102 | EA | 22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 10,542.84 | 2,234.67 |
| | | *For Insulated, Add* | *4,890.30* | |
| 08 33 23 11-0103 | EA | 22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 11,678.09 | 2,337.91 |
| | | *For Insulated, Add* | *5,602.36* | |
| 08 33 23 11-0104 | EA | 22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 12,868.25 | 2,466.96 |
| | | *For Insulated, Add* | *6,320.76* | |
| 08 33 23 11-0105 | EA | 22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 14,103.35 | 2,621.83 |
| | | *For Insulated, Add* | *7,038.02* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 11-0106 | EA | 24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,313.38 | 1,988.70 |
| | | *For Insulated, Add* | *2,800.26* | |
| 08 33 23 11-0107 | EA | 24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,855.56 | 2,040.32 |
| | | *For Insulated, Add* | *3,137.21* | |
| 08 33 23 11-0108 | EA | 24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 9,005.45 | 2,091.94 |
| | | *For Insulated, Add* | *3,929.93* | |
| 08 33 23 11-0109 | EA | 24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 10,095.06 | 2,169.37 |
| | | *For Insulated, Add* | *4,642.62* | |
| 08 33 23 11-0110 | EA | 24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 11,195.16 | 2,272.61 |
| | | *For Insulated, Add* | *5,328.32* | |
| 08 33 23 11-0111 | EA | 24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 12,394.95 | 2,375.85 |
| | | *For Insulated, Add* | *6,088.78* | |
| 08 33 23 11-0112 | EA | 24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 12,342.14 | 1,760.73 |
| | | *For Insulated, Add* | *6,880.54* | |
| 08 33 23 11-0113 | EA | 24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 15,354.10 | 2,659.77 |
| | | *For Insulated, Add* | *7,924.87* | |
| 08 33 23 11-0114 | EA | 20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 8,069.77 | 1,867.28 |
| | | *For Insulated, Add* | *3,531.53* | |
| 08 33 23 11-0115 | EA | 20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 8,897.01 | 1,944.71 |
| | | *For Insulated, Add* | *4,047.43* | |
| 08 33 23 11-0116 | EA | 20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 9,893.89 | 2,047.95 |
| | | *For Insulated, Add* | *4,655.71* | |
| 08 33 23 11-0117 | EA | 20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 11,002.77 | 2,151.19 |
| | | *For Insulated, Add* | *5,348.00* | |
| 08 33 23 11-0118 | EA | 20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 12,168.55 | 2,280.24 |
| | | *For Insulated, Add* | *6,048.12* | |
| 08 33 23 11-0119 | EA | 20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 13,404.47 | 2,435.10 |
| | | *For Insulated, Add* | *6,765.99* | |
| 08 33 23 11-0120 | EA | 22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 6,972.35 | 1,807.91 |
| | | *For Insulated, Add* | *2,788.60* | |
| 08 33 23 11-0121 | EA | 22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,840.65 | 1,885.35 |
| | | *For Insulated, Add* | *3,335.30* | |
| 08 33 23 11-0122 | EA | 22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 9,019.16 | 2,054.00 |
| | | *For Insulated, Add* | *3,991.44* | |
| 08 33 23 11-0123 | EA | 22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 10,090.85 | 2,131.43 |
| | | *For Insulated, Add* | *4,690.68* | |
| 08 33 23 11-0124 | EA | 22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 11,217.68 | 2,234.67 |
| | | *For Insulated, Add* | *5,396.43* | |
| 08 33 23 11-0125 | EA | 22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 12,456.11 | 2,337.91 |
| | | *For Insulated, Add* | *6,185.87* | |
| 08 33 23 11-0126 | EA | 22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 13,749.84 | 2,466.96 |
| | | *For Insulated, Add* | *6,981.96* | |
| 08 33 23 11-0127 | EA | 22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 15,087.76 | 2,621.83 |
| | | *For Insulated, Add* | *7,776.33* | |
| 08 33 23 11-0128 | EA | 24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 7,684.04 | 1,988.70 |
| | | *For Insulated, Add* | *3,078.26* | |
| 08 33 23 11-0129 | EA | 24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 8,274.99 | 2,040.32 |
| | | *For Insulated, Add* | *3,451.78* | |
| 08 33 23 11-0130 | EA | 24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 9,541.18 | 2,091.94 |
| | | *For Insulated, Add* | *4,331.73* | |
| 08 33 23 11-0131 | EA | 24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 10,734.64 | 2,169.37 |
| | | *For Insulated, Add* | *5,122.30* | |
| 08 33 23 11-0132 | EA | 24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 11,934.04 | 2,272.61 |
| | | *For Insulated, Add* | *5,882.48* | |
| 08 33 23 11-0133 | EA | 24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 13,244.20 | 2,375.85 |
| | | *For Insulated, Add* | *6,725.72* | |
| 08 33 23 11-0134 | EA | 24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 13,322.34 | 1,760.73 |
| | | *For Insulated, Add* | *7,615.71* | |
| 08 33 23 11-0135 | EA | 24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift | 16,469.05 | 2,659.77 |
| | | *For Insulated, Add* | *8,761.08* | |

## 08 33 23 11-0136 Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

## 08 33 23 11-0137 0.04" Aluminum Overhead Coiling Doors *(08 33 23 11-0136)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 11-0138 | EA | 4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 2,295.52 | 587.69 |
| 08 33 23 11-0139 | EA | 4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 2,470.68 | 620.35 |
| 08 33 23 11-0140 | EA | 4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 2,932.06 | 646.16 |
| 08 33 23 11-0141 | EA | 6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 2,823.20 | 685.65 |
| 08 33 23 11-0142 | EA | 6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,089.65 | 750.95 |
| 08 33 23 11-0143 | EA | 6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,277.18 | 776.76 |
| 08 33 23 11-0144 | EA | 6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,505.45 | 802.57 |
| 08 33 23 11-0145 | EA | 6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,762.48 | 841.29 |
| 08 33 23 11-0146 | EA | 8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,088.77 | 734.62 |
| 08 33 23 11-0147 | EA | 8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,370.64 | 783.60 |
| 08 33 23 11-0148 | EA | 8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,622.75 | 816.25 |
| 08 33 23 11-0149 | EA | 8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,851.23 | 842.06 |
| 08 33 23 11-0150 | EA | 8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 4,106.46 | 880.77 |
| 08 33 23 11-0151 | EA | 10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,702.42 | 848.90 |
| 08 33 23 11-0152 | EA | 10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,950.30 | 881.55 |
| 08 33 23 11-0153 | EA | 10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 4,278.66 | 933.17 |
| 08 33 23 11-0154 | EA | 10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 4,659.91 | 1,010.60 |
| 08 33 23 11-0155 | EA | 10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 5,253.51 | 1,113.84 |
| 08 33 23 11-0156 | EA | 10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 5,898.64 | 1,242.89 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 11-0157 | EA | 10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 6,591.71 | 1,397.75 |
| 08 33 23 11-0158 | EA | 10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 7,337.46 | 1,578.42 |
| 08 33 23 11-0159 | EA | 12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 3,945.72 | 881.55 |
| 08 33 23 11-0160 | EA | 12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 4,443.40 | 909.94 |
| 08 33 23 11-0161 | EA | 12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 4,890.24 | 961.57 |
| 08 33 23 11-0162 | EA | 12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 5,390.77 | 1,038.99 |
| 08 33 23 11-0163 | EA | 12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 6,065.51 | 1,142.23 |
| 08 33 23 11-0164 | EA | 12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 6,793.62 | 1,271.28 |
| 08 33 23 11-0165 | EA | 12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 7,314.71 | 1,426.15 |
| 08 33 23 11-0166 | EA | 12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift | 7,941.41 | 1,632.62 |
| **08 33 23 11-0167** | | **0.05" Aluminum Overhead Coiling Doors** *(08 33 23 11-0136)* | | |
| 08 33 23 11-0168 | EA | 14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 4,506.18 | 1,026.48 |
| 08 33 23 11-0169 | EA | 14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 5,100.08 | 1,078.10 |
| 08 33 23 11-0170 | EA | 14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 5,682.37 | 1,129.72 |
| 08 33 23 11-0171 | EA | 14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 6,269.80 | 1,207.15 |
| 08 33 23 11-0172 | EA | 14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 6,946.62 | 1,310.39 |
| 08 33 23 11-0173 | EA | 14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 7,623.41 | 1,413.63 |
| 08 33 23 11-0174 | EA | 14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 8,362.00 | 1,542.68 |
| 08 33 23 11-0175 | EA | 14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 9,152.32 | 1,697.54 |
| 08 33 23 11-0176 | EA | 16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 5,256.91 | 1,180.45 |
| 08 33 23 11-0177 | EA | 16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 5,878.38 | 1,232.08 |
| 08 33 23 11-0178 | EA | 16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 6,473.71 | 1,283.69 |
| 08 33 23 11-0179 | EA | 16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 7,139.55 | 1,361.12 |
| 08 33 23 11-0180 | EA | 16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 7,909.27 | 1,464.37 |
| 08 33 23 11-0181 | EA | 16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 8,722.53 | 1,567.61 |
| 08 33 23 11-0182 | EA | 16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 9,552.55 | 1,696.66 |
| 08 33 23 11-0183 | EA | 16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 10,389.21 | 1,851.52 |
| 08 33 23 11-0184 | EA | 18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 5,872.88 | 1,328.01 |
| 08 33 23 11-0185 | EA | 18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 6,539.35 | 1,379.63 |
| 08 33 23 11-0186 | EA | 18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 7,323.31 | 1,457.06 |
| 08 33 23 11-0187 | EA | 18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 8,147.63 | 1,560.30 |
| 08 33 23 11-0188 | EA | 18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 9,032.83 | 1,689.36 |
| 08 33 23 11-0189 | EA | 18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 9,963.86 | 1,844.21 |
| 08 33 23 11-0190 | EA | 18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 10,945.05 | 2,024.89 |
| 08 33 23 11-0191 | EA | 18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 11,983.66 | 2,231.37 |
| 08 33 23 11-0192 | EA | 20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 6,706.77 | 1,527.21 |
| 08 33 23 11-0193 | EA | 20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 7,386.30 | 1,578.83 |
| 08 33 23 11-0194 | EA | 20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 8,503.59 | 1,656.27 |
| 08 33 23 11-0195 | EA | 20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 9,279.13 | 1,759.50 |
| 08 33 23 11-0196 | EA | 20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 10,242.72 | 1,888.56 |
| 08 33 23 11-0197 | EA | 20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 11,284.04 | 2,043.41 |
| 08 33 23 11-0198 | EA | 20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 12,330.54 | 2,224.09 |
| 08 33 23 11-0199 | EA | 20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 13,459.17 | 2,430.57 |
| 08 33 23 11-0200 | EA | 22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 7,916.97 | 1,807.91 |
| 08 33 23 11-0201 | EA | 22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 8,809.25 | 1,885.35 |
| 08 33 23 11-0202 | EA | 22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 9,988.59 | 2,054.00 |
| 08 33 23 11-0203 | EA | 22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 10,966.51 | 2,131.43 |
| 08 33 23 11-0204 | EA | 22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 11,994.63 | 2,234.67 |
| 08 33 23 11-0205 | EA | 22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 13,032.88 | 2,337.91 |
| 08 33 23 11-0206 | EA | 22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 14,067.60 | 2,466.96 |
| 08 33 23 11-0207 | EA | 22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 15,161.19 | 2,621.83 |
| 08 33 23 11-0208 | EA | 24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 8,727.15 | 1,988.70 |
| 08 33 23 11-0209 | EA | 24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 9,273.13 | 2,040.32 |
| 08 33 23 11-0210 | EA | 24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 10,598.68 | 2,091.94 |
| 08 33 23 11-0211 | EA | 24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 11,695.62 | 2,169.37 |
| 08 33 23 11-0212 | EA | 24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 12,784.69 | 2,272.61 |
| 08 33 23 11-0213 | EA | 24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 13,873.78 | 2,375.85 |
| 08 33 23 11-0214 | EA | 24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 15,165.42 | 2,504.90 |
| 08 33 23 11-0215 | EA | 24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift | 16,552.27 | 2,659.77 |
| **08 33 23 11-0216** | | **Overhead Coiling Door Accessories** *(08 33 23 11)* | | |
| 08 33 23 11-0217 | LF | Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only | 4.11 | 1.07 |
| 08 33 23 11-0218 | LF | Top Of Door (Lintel), Weather Strip Seal For Coiling Doors | 29.24 | 1.29 |
| 08 33 23 11-0219 | LF | Side Of Door (Guides), Weather Strip Seal For Coiling Doors | 27.85 | 1.29 |
| 08 33 23 11-0220 | EA | Cylinder Lock For Coiling Doors | 229.96 | 53.68 |
| 08 33 23 11-0221 | EA | Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles<br>Note: Includes three button inside station controls and mounting hardware. | 1,537.07 | 171.78 |
| 08 33 23 11-0222 | EA | Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles<br>Note: Includes three button inside station controls and mounting hardware. | 1,962.79 | 171.78 |
| 08 33 23 11-0223 | EA | >12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles<br>Note: Includes three button inside station controls and mounting hardware. | 1,824.87 | 193.25 |
| 08 33 23 11-0224 | EA | >12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles<br>Note: Includes three button inside station controls and mounting hardware. | 2,174.40 | 193.25 |
| 08 33 23 11-0225 | EA | >18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles<br>Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator. | 2,368.11 | 214.72 |
| 08 33 23 11-0226 | EA | >18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles<br>Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator. | 2,580.16 | 214.72 |
| 08 33 23 11-0227 | LF | Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles | 125.38 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 11-0228 | EA | Remote Transmitter Kit For Coiling Door Operators | 297.85 | 85.89 |

08 33 23 11-0229 Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23 11)*

Note: Includes storage, cleaning and supply materials.

| | | | | |
|---|---|---|---|---|
| 08 33 23 11-0230 | SF | Removal And Reinstallation Of Metal Roll-up Door And Supports | 18.73 | |

## 08 33 23 13 Overhead Rapid Coiling Doors *(08 33 23)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0857 for forklift.

08 33 23 13-0001 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13)*

Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.

08 33 23 13-0002 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0001)*

08 33 23 13-0003 5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0004 | EA | 5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 3,474.27 | 314.35 |
| 08 33 23 13-0005 | EA | 5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 3,662.51 | 328.95 |
| 08 33 23 13-0006 | EA | 5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 3,849.53 | 343.56 |
| 08 33 23 13-0007 | EA | 5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,035.32 | 358.16 |
| 08 33 23 13-0008 | EA | 5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,223.56 | 372.76 |
| 08 33 23 13-0009 | EA | 5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,410.57 | 387.36 |

08 33 23 13-0010 6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0011 | EA | 6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 3,662.51 | 328.95 |
| 08 33 23 13-0012 | EA | 6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 3,849.53 | 343.56 |
| 08 33 23 13-0013 | EA | 6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,035.32 | 358.16 |
| 08 33 23 13-0014 | EA | 6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,223.56 | 372.76 |
| 08 33 23 13-0015 | EA | 6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,410.57 | 387.36 |
| 08 33 23 13-0016 | EA | 6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,597.60 | 401.96 |

08 33 23 13-0017 7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0018 | EA | 7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 3,849.53 | 343.56 |
| 08 33 23 13-0019 | EA | 7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,035.32 | 358.16 |
| 08 33 23 13-0020 | EA | 7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,223.56 | 372.76 |
| 08 33 23 13-0021 | EA | 7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,410.57 | 387.36 |
| 08 33 23 13-0022 | EA | 7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,597.60 | 401.96 |
| 08 33 23 13-0023 | EA | 7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,785.84 | 416.56 |

08 33 23 13-0024 8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0025 | EA | 8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,035.32 | 358.16 |
| 08 33 23 13-0026 | EA | 8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,223.56 | 372.76 |
| 08 33 23 13-0027 | EA | 8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,410.57 | 387.36 |
| 08 33 23 13-0028 | EA | 8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,597.60 | 401.96 |
| 08 33 23 13-0029 | EA | 8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,785.84 | 416.56 |
| 08 33 23 13-0030 | EA | 8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,971.62 | 431.16 |

08 33 23 13-0031 9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0032 | EA | 9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,223.56 | 372.76 |
| 08 33 23 13-0033 | EA | 9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,410.57 | 387.36 |
| 08 33 23 13-0034 | EA | 9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,597.60 | 401.96 |
| 08 33 23 13-0035 | EA | 9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,785.84 | 416.56 |
| 08 33 23 13-0036 | EA | 9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,971.62 | 431.16 |
| 08 33 23 13-0037 | EA | 9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 5,159.87 | 445.77 |

08 33 23 13-0038 10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0039 | EA | 10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,410.57 | 387.36 |
| 08 33 23 13-0040 | EA | 10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,597.60 | 401.96 |
| 08 33 23 13-0041 | EA | 10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,785.84 | 416.56 |
| 08 33 23 13-0042 | EA | 10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 4,971.62 | 431.16 |
| 08 33 23 13-0043 | EA | 10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 5,159.87 | 445.77 |
| 08 33 23 13-0044 | EA | 10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) | 5,346.88 | 460.37 |

08 33 23 13-0045 Rytec® Bantam® Door Options *(08 33 23 13-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0046 | SF | Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors | 7.71 | |
| 08 33 23 13-0047 | SF | Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors | 16.95 | |
| 08 33 23 13-0048 | LF | 31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors<br>Note: Multiply linear foot price x width of door. | 24.66 | |
| 08 33 23 13-0049 | EA | Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors | 234.25 | |
| 08 33 23 13-0050 | EA | Roll Cover For Rytec® Bantam® High-Speed Rolling Doors | 455.76 | 42.94 |
| 08 33 23 13-0051 | EA | Motor Cover For Rytec® Bantam® High-Speed Rolling Doors | 455.76 | 42.94 |
| 08 33 23 13-0052 | EA | Motor Operator For Rytec® Bantam® High-Speed Rolling Doors<br>Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord. | 1,928.68 | 85.89 |
| 08 33 23 13-0053 | EA | Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator<br>Note: Includes open/close/stop control. | 246.17 | 42.94 |
| 08 33 23 13-0054 | EA | Auto Close Feature For Rytec® Bantam® Motor Operator | 240.00 | 42.94 |
| 08 33 23 13-0055 | | 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13)*<br>Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second. | | |
| 08 33 23 13-0056 | | 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0055)* | | |
| 08 33 23 13-0057 | | 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)* | | |
| 08 33 23 13-0058 | EA | 6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 10,600.63 | 343.56 |
| 08 33 23 13-0059 | EA | 6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 10,773.68 | 358.16 |
| 08 33 23 13-0060 | EA | 6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 10,972.97 | 372.76 |
| 08 33 23 13-0061 | EA | 6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,249.89 | 387.36 |
| 08 33 23 13-0062 | EA | 6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,532.54 | 401.96 |
| 08 33 23 13-0063 | EA | 6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,006.95 | 416.56 |
| 08 33 23 13-0064 | EA | 6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,344.38 | 431.16 |
| 08 33 23 13-0065 | | 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)* | | |
| 08 33 23 13-0066 | EA | 7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 10,811.35 | 358.16 |
| 08 33 23 13-0067 | EA | 7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,031.19 | 372.76 |
| 08 33 23 13-0068 | EA | 7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,306.97 | 387.36 |
| 08 33 23 13-0069 | EA | 7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,598.75 | 401.96 |
| 08 33 23 13-0070 | EA | 7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,982.98 | 416.56 |
| 08 33 23 13-0071 | EA | 7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,445.98 | 431.16 |
| 08 33 23 13-0072 | EA | 7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,811.95 | 445.77 |
| 08 33 23 13-0073 | | 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)* | | |
| 08 33 23 13-0074 | EA | 8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,067.72 | 372.76 |
| 08 33 23 13-0075 | EA | 8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,342.36 | 387.36 |
| 08 33 23 13-0076 | EA | 8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,645.55 | 401.96 |
| 08 33 23 13-0077 | EA | 8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,041.20 | 416.56 |
| 08 33 23 13-0078 | EA | 8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,398.04 | 431.16 |
| 08 33 23 13-0079 | EA | 8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,902.14 | 445.77 |
| 08 33 23 13-0080 | EA | 8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,316.05 | 460.37 |
| 08 33 23 13-0081 | | 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)* | | |
| 08 33 23 13-0082 | EA | 9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,380.04 | 387.36 |
| 08 33 23 13-0083 | EA | 9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,680.94 | 401.96 |
| 08 33 23 13-0084 | EA | 9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,076.59 | 416.56 |
| 08 33 23 13-0085 | EA | 9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,444.84 | 431.16 |
| 08 33 23 13-0086 | EA | 9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,831.36 | 445.77 |
| 08 33 23 13-0087 | EA | 9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,232.71 | 460.37 |
| 08 33 23 13-0088 | EA | 9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,672.88 | 474.97 |
| 08 33 23 13-0089 | | 10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)* | | |
| 08 33 23 13-0090 | EA | 10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 11,710.62 | 401.96 |
| 08 33 23 13-0091 | EA | 10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,114.26 | 416.56 |
| 08 33 23 13-0092 | EA | 10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,479.09 | 431.16 |
| 08 33 23 13-0093 | EA | 10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,869.03 | 445.77 |
| 08 33 23 13-0094 | EA | 10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,301.21 | 460.37 |
| 08 33 23 13-0095 | EA | 10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,389.77 | 474.97 |
| 08 33 23 13-0096 | EA | 10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 14,123.33 | 489.57 |
| 08 33 23 13-0097 | | 11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)* | | |
| 08 33 23 13-0098 | EA | 11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,135.95 | 416.56 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0099 | EA | 11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,509.91 | 431.16 |
| 08 33 23 13-0100 | EA | 11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,904.42 | 445.77 |
| 08 33 23 13-0101 | EA | 11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,337.74 | 460.37 |
| 08 33 23 13-0102 | EA | 11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,622.65 | 474.97 |
| 08 33 23 13-0103 | EA | 11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 14,184.97 | 489.57 |
| 08 33 23 13-0104 | EA | 11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 14,645.70 | 504.17 |
| 08 33 23 13-0105 | | 12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)* | | |
| 08 33 23 13-0106 | EA | 12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,520.19 | 431.16 |
| 08 33 23 13-0107 | EA | 12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 12,924.97 | 445.77 |
| 08 33 23 13-0108 | EA | 12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,366.28 | 460.37 |
| 08 33 23 13-0109 | EA | 12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 13,661.47 | 474.97 |
| 08 33 23 13-0110 | EA | 12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 14,049.13 | 489.57 |
| 08 33 23 13-0111 | EA | 12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 14,698.22 | 504.17 |
| 08 33 23 13-0112 | EA | 12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) | 15,149.81 | 518.77 |
| 08 33 23 13-0113 | | Rytec® PredaDoor® Door Options *(08 33 23 13-0055)* | | |
| 08 33 23 13-0114 | EA | Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors | 542.79 | 85.89 |
| 08 33 23 13-0115 | EA | >10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors | 788.24 | 85.89 |
| 08 33 23 13-0116 | SF | Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors | 9.25 | |
| 08 33 23 13-0117 | | 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13)* | | |
| | | Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers. | | |
| 08 33 23 13-0118 | | 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0117)* | | |
| 08 33 23 13-0119 | | 8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0120 | EA | 8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 16,110.34 | 773.00 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0121 | EA | 8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 16,840.23 | 794.91 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0122 | EA | 8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 17,476.51 | 816.81 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0123 | EA | 8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,160.75 | 838.71 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0124 | EA | 8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,936.32 | 860.61 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0125 | EA | 8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,344.28 | 882.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0126 | EA | 8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,980.56 | 904.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0127 | EA | 8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 20,548.02 | 927.93 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0128 | EA | 8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 21,450.68 | 952.05 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0129 | EA | 8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,180.75 | 976.81 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0130 | EA | 8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,084.72 | 1,002.20 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,200.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| 08 33 23 13-0131 | | 9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0132 | EA | 9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 16,840.23 | 794.91 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0133 | EA | 9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 17,476.51 | 816.81 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0134 | EA | 9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,160.75 | 838.71 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0135 | EA | 9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,936.32 | 860.61 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0136 | EA | 9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,344.28 | 882.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0137 | EA | 9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,980.56 | 904.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0138 | EA | 9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 20,800.64 | 926.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0139 | EA | 9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 21,450.68 | 952.05 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0140 | EA | 9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,180.75 | 976.81 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0141 | EA | 9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,084.72 | 1,002.21 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |
| 08 33 23 13-0142 | EA | 9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,161.39 | 1,028.26 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *2,750.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,125.00* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0143 | | 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0144 | EA | 10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 17,476.51 | 816.81 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0145 | EA | 10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,160.75 | 838.71 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0146 | EA | 10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,936.32 | 860.61 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0147 | EA | 10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,344.28 | 882.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0148 | EA | 10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,980.56 | 904.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0149 | EA | 10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 20,800.64 | 926.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0150 | EA | 10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 21,575.06 | 948.22 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0151 | EA | 10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,179.80 | 976.33 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0152 | EA | 10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,083.74 | 1,001.72 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0153 | EA | 10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,160.39 | 1,027.76 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0154 | EA | 10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,068.23 | 1,054.48 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,300.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| 08 33 23 13-0155 | | 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0156 | EA | 11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,160.75 | 838.71 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0157 | EA | 11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,936.32 | 860.61 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0158 | EA | 11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,344.28 | 882.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0159 | EA | 11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,980.56 | 904.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0160 | EA | 11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 20,800.64 | 926.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0161 | EA | 11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 21,575.06 | 948.22 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0162 | EA | 11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,440.81 | 970.12 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0163 | EA | 11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,081.40 | 1,000.55 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0164 | EA | 11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,157.98 | 1,026.56 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0165 | EA | 11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,065.77 | 1,053.25 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |
| 08 33 23 13-0166 | EA | 11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,143.85 | 1,080.63 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *3,850.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *5,775.00* | |

### 08 33 23 13-0167 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0168 | EA | 12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 18,936.32 | 860.61 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0169 | EA | 12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,344.28 | 882.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0170 | EA | 12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,980.56 | 904.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0171 | EA | 12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 20,800.64 | 926.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0172 | EA | 12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 21,575.06 | 948.22 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0173 | EA | 12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,440.81 | 970.12 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0174 | EA | 12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,063.39 | 992.02 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0175 | EA | 12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,154.38 | 1,024.76 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0176 | EA | 12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,062.06 | 1,051.40 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0177 | EA | 12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,140.06 | 1,078.74 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |
| 08 33 23 13-0178 | EA | 12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 27,219.47 | 1,106.79 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,400.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,600.00* | |

### 08 33 23 13-0179 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0180 | EA | 13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 19,814.61 | 882.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0181 | EA | 13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 20,627.84 | 904.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0182 | EA | 13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 21,398.83 | 926.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0183 | EA | 13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,294.26 | 948.22 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0184 | EA | 13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,186.26 | 970.12 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0185 | EA | 13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,848.80 | 992.02 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0186 | EA | 13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,352.67 | 1,013.93 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0187 | EA | 13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,127.63 | 1,049.05 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0188 | EA | 13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,206.73 | 1,076.32 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0189 | EA | 13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 27,290.95 | 1,104.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0190 | EA | 13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 28,245.92 | 1,133.02 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *4,950.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *6,975.00* | |
| 08 33 23 13-0191 | | 14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0192 | EA | 14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 20,627.84 | 904.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0193 | EA | 14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 21,398.83 | 926.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0194 | EA | 14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,294.26 | 948.22 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0195 | EA | 14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,186.26 | 970.12 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0196 | EA | 14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,848.80 | 992.02 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0197 | EA | 14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,352.67 | 1,013.93 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0198 | EA | 14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,100.82 | 1,035.82 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0199 | EA | 14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,200.65 | 1,073.28 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0200 | EA | 14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 27,284.70 | 1,101.19 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0201 | EA | 14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 28,239.52 | 1,129.81 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |
| 08 33 23 13-0202 | EA | 14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 30,316.55 | 1,159.19 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *5,480.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,370.00* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0203 | | 15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0204 | EA | 15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 21,355.40 | 904.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0205 | EA | 15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,251.14 | 926.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0206 | EA | 15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,143.19 | 948.22 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0207 | EA | 15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,805.91 | 970.12 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0208 | EA | 15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,309.59 | 992.02 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0209 | EA | 15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,057.39 | 1,013.93 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0210 | EA | 15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,173.39 | 1,059.65 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0211 | EA | 15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 27,278.27 | 1,097.97 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0212 | EA | 15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 28,232.92 | 1,126.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0213 | EA | 15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 30,309.77 | 1,155.81 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0214 | EA | 15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 31,771.69 | 1,185.86 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0215 | | 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0216 | EA | 16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 22,291.51 | 946.49 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0217 | EA | 16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,185.59 | 969.42 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0218 | EA | 16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,850.35 | 992.34 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0219 | EA | 16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,356.07 | 1,015.26 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0220 | EA | 16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,105.90 | 1,038.18 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0221 | EA | 16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,176.29 | 1,061.10 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0222 | EA | 16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 27,250.39 | 1,084.02 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0223 | EA | 16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 28,226.33 | 1,123.21 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0224 | EA | 16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 30,303.01 | 1,152.43 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0225 | EA | 16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 31,764.76 | 1,182.38 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |
| 08 33 23 13-0226 | EA | 16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 33,235.46 | 1,213.13 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,070.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *7,790.00* | |

### 08 33 23 13-0227 17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0228 | EA | 17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,101.91 | 968.27 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0229 | EA | 17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 23,849.09 | 991.72 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0230 | EA | 17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,752.86 | 1,015.16 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0231 | EA | 17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,745.41 | 1,038.61 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0232 | EA | 17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,656.57 | 1,062.06 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0233 | EA | 17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 28,010.35 | 1,085.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0234 | EA | 17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 29,314.81 | 1,108.96 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0235 | EA | 17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 30,296.27 | 1,149.06 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0236 | EA | 17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 31,757.85 | 1,178.92 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0237 | EA | 17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 33,228.37 | 1,209.58 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0238 | EA | 17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 34,654.87 | 1,241.03 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0239 | | 18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0240 | EA | 18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 24,085.93 | 990.54 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0241 | EA | 18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,072.14 | 1,014.52 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0242 | EA | 18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,145.90 | 1,038.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0243 | EA | 18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 27,215.96 | 1,062.50 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0244 | EA | 18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 28,331.64 | 1,086.49 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0245 | EA | 18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 29,915.81 | 1,110.47 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0246 | EA | 18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 31,544.38 | 1,134.46 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0247 | EA | 18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 32,348.91 | 1,175.48 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0248 | EA | 18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 33,221.29 | 1,206.05 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0249 | EA | 18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 34,606.92 | 1,237.40 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0250 | EA | 18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 36,037.33 | 1,269.57 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| | | *For 304 Stainless Steel Side Frame Tower, Add* | *6,720.00* | |
| | | *For 316 Stainless Steel Side Frame Tower, Add* | *8,230.00* | |
| 08 33 23 13-0251 | | 19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0252 | EA | 19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 25,069.74 | 1,013.32 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0253 | EA | 19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,144.59 | 1,037.86 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0254 | EA | 19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 27,215.76 | 1,062.40 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0255 | EA | 19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 28,332.54 | 1,086.94 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0256 | EA | 19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 29,917.82 | 1,111.48 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0257 | EA | 19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 31,547.49 | 1,136.01 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0258 | EA | 19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 32,319.06 | 1,160.55 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0259 | EA | 19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 33,214.24 | 1,202.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0260 | EA | 19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 34,599.69 | 1,233.78 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0261 | EA | 19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 36,029.90 | 1,265.86 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0262 | EA | 19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 37,461.79 | 1,298.78 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |

### 08 33 23 13-0263 20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0264 | EA | 20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 26,142.13 | 1,036.63 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0265 | EA | 20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 27,214.43 | 1,061.72 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0266 | EA | 20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 28,332.34 | 1,086.83 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0267 | EA | 20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 29,918.74 | 1,111.93 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0268 | EA | 20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 31,549.54 | 1,137.04 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0269 | EA | 20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 32,322.24 | 1,162.14 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0270 | EA | 20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 33,183.71 | 1,187.25 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0271 | EA | 20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 34,592.46 | 1,230.17 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0272 | EA | 20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 36,022.50 | 1,262.16 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0273 | EA | 20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 37,454.20 | 1,294.97 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0274 | EA | 20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 38,715.00 | 1,328.64 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |

### 08 33 23 13-0275 21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0276 | EA | 21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 32,674.09 | 1,111.83 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0277 | EA | 21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 34,261.65 | 1,137.51 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0278 | EA | 21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 35,892.37 | 1,163.19 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0279 | EA | 21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 36,668.69 | 1,188.87 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0280 | EA | 21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 37,530.07 | 1,214.55 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0281 | EA | 21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 38,940.82 | 1,258.47 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0282 | EA | 21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 40,372.33 | 1,291.19 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0283 | EA | 21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 41,805.53 | 1,324.76 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0284 | EA | 21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 43,067.87 | 1,359.21 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0285 | | 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0286 | EA | 22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 33,918.69 | 1,137.40 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0287 | EA | 22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 35,508.67 | 1,163.68 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0288 | EA | 22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 37,139.33 | 1,189.94 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0289 | EA | 22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 37,915.60 | 1,216.22 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0290 | EA | 22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 38,780.63 | 1,242.48 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0291 | EA | 22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 40,193.40 | 1,287.41 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0292 | EA | 22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 41,626.41 | 1,320.88 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0293 | EA | 22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 43,059.92 | 1,355.23 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0294 | EA | 22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 44,325.09 | 1,390.47 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0295 | | 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)* | | |
| 08 33 23 13-0296 | EA | 23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 35,165.70 | 1,163.57 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0297 | EA | 23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 36,755.65 | 1,190.44 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0298 | EA | 23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 38,388.76 | 1,217.32 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0299 | EA | 23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 39,166.23 | 1,244.19 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0300 | EA | 23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 40,031.25 | 1,271.07 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0301 | EA | 23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 41,447.31 | 1,317.02 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0302 | EA | 23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 42,880.62 | 1,351.27 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0303 | EA | 23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 44,316.96 | 1,386.40 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0304 | EA | 23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 45,583.74 | 1,422.44 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |

### 08 33 23 13-0305 24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0306 | EA | 24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 36,412.68 | 1,190.33 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0307 | EA | 24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 38,003.87 | 1,217.82 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0308 | EA | 24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 39,639.45 | 1,245.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0309 | EA | 24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 40,418.16 | 1,272.80 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0310 | EA | 24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 41,283.17 | 1,300.30 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0311 | EA | 24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 42,700.12 | 1,347.31 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0312 | EA | 24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 44,136.24 | 1,382.34 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0313 | EA | 24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 45,575.42 | 1,418.29 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |
| 08 33 23 13-0314 | EA | 24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) | 46,841.39 | 1,455.17 |
| | | *For NEMA 4X Control Box, Add* | *675.00* | |
| | | *For 2 Speed Motor, 60" Open, 30" Close, Add* | *1,100.00* | |
| | | *For AC Variable Speed Motor And Controls, Add* | *2,750.00* | |

### 08 33 23 13-0315 Rytec® Fast-Seal® Door Options *(08 33 23 13-0117)*

| | | | |
|---|---|---|---|
| 08 33 23 13-0316 | LF | Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors<br>Note: Multiply linear foot price x width of door. | 34.25 |
| 08 33 23 13-0317 | EA | Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors | 371.01 |
| 08 33 23 13-0318 | EA | >10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors | 616.46 |
| 08 33 23 13-0319 | EA | >15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors | 906.55 |
| 08 33 23 13-0320 | EA | >20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors | 1,356.20 |
| 08 33 23 13-0321 | EA | One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors | 216.90 |
| 08 33 23 13-0322 | EA | Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors<br>Note: Door must be at least 90" wide. | 428.09 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0323 | EA | Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors | 542.25 | |
| | | Note: Door must be at least 102" wide. | | |
| 08 33 23 13-0324 | EA | Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors | 856.19 | |
| | | Note: Door must be at least 136" wide. | | |
| 08 33 23 13-0325 | EA | One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors | 251.15 | |
| 08 33 23 13-0326 | EA | Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors | 496.59 | |
| | | Note: Door must be at least 108" wide. | | |
| 08 33 23 13-0327 | EA | Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors | 616.46 | |
| | | Note: Door must be at least 144" wide. | | |
| 08 33 23 13-0328 | EA | Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors | 993.18 | |
| | | Note: Door must be at least 192" wide. | | |
| 08 33 23 13-0329 | EA | Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10' | 655.25 | |
| | | *For 304 Stainless Steel, Add* | *104.84* | |
| | | *For 316 Stainless Steel, Add* | *458.68* | |
| 08 33 23 13-0330 | EA | Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14' | 851.82 | |
| | | *For 304 Stainless Steel, Add* | *136.29* | |
| | | *For 316 Stainless Steel, Add* | *596.27* | |
| 08 33 23 13-0331 | EA | Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18' | 1,113.92 | |
| | | *For 304 Stainless Steel, Add* | *178.23* | |
| | | *For 316 Stainless Steel, Add* | *779.74* | |
| 08 33 23 13-0332 | EA | Through Wall Brake Release | 127.59 | |
| 08 33 23 13-0333 | EA | Explosion Proof Upgrade Package: Control Box, Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons | 18,805.68 | |
| | | *For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct* | *-6,200.00* | |

### 08 33 23 13-0334 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13)*

Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lbs polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.

### 08 33 23 13-0335 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0334)*

### 08 33 23 13-0336 8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0337 | EA | 8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 21,272.58 | 773.00 |
| 08 33 23 13-0338 | EA | 8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 21,461.87 | 794.91 |
| 08 33 23 13-0339 | EA | 8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 21,795.40 | 816.81 |
| 08 33 23 13-0340 | EA | 8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,128.94 | 838.71 |
| 08 33 23 13-0341 | EA | 8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,463.72 | 860.61 |
| 08 33 23 13-0342 | EA | 8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,797.25 | 882.51 |
| 08 33 23 13-0343 | EA | 8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,985.30 | 904.42 |
| 08 33 23 13-0344 | EA | 8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,323.30 | 927.94 |
| 08 33 23 13-0345 | EA | 8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,951.02 | 952.06 |
| 08 33 23 13-0346 | EA | 8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,146.01 | 976.81 |
| 08 33 23 13-0347 | EA | 8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,632.02 | 1,002.21 |

### 08 33 23 13-0348 9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0349 | EA | 9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 21,461.87 | 794.91 |
| 08 33 23 13-0350 | EA | 9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 21,649.92 | 816.81 |
| 08 33 23 13-0351 | EA | 9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 21,984.69 | 838.71 |
| 08 33 23 13-0352 | EA | 9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,463.72 | 860.61 |
| 08 33 23 13-0353 | EA | 9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,651.77 | 882.51 |
| 08 33 23 13-0354 | EA | 9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,985.30 | 904.42 |
| 08 33 23 13-0355 | EA | 9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,320.07 | 926.31 |
| 08 33 23 13-0356 | EA | 9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,661.29 | 952.06 |
| 08 33 23 13-0357 | EA | 9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,435.75 | 976.81 |
| 08 33 23 13-0358 | EA | 9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,212.72 | 1,002.21 |
| 08 33 23 13-0359 | EA | 9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,989.79 | 1,028.26 |

### 08 33 23 13-0360 10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

| | | | | |
|---|---|---|---|---|
| 08 33 23 13-0361 | EA | 10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,520.35 | 816.81 |
| 08 33 23 13-0362 | EA | 10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,709.64 | 838.71 |
| 08 33 23 13-0363 | EA | 10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,043.19 | 860.61 |
| 08 33 23 13-0364 | EA | 10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,522.21 | 882.51 |
| 08 33 23 13-0365 | EA | 10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,855.74 | 904.42 |
| 08 33 23 13-0366 | EA | 10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,190.51 | 926.31 |
| 08 33 23 13-0367 | EA | 10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,524.05 | 948.22 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0368 | EA | 10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,015.50 | 976.33 |
| 08 33 23 13-0369 | EA | 10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,645.73 | 1,001.72 |
| 08 33 23 13-0370 | EA | 10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,568.25 | 1,027.76 |
| 08 33 23 13-0371 | EA | 10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,347.89 | 1,054.48 |
| **08 33 23 13-0372** | | **11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0373 | EA | 11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,564.16 | 838.71 |
| 08 33 23 13-0374 | EA | 11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,897.70 | 860.61 |
| 08 33 23 13-0375 | EA | 11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,232.47 | 882.51 |
| 08 33 23 13-0376 | EA | 11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,711.49 | 904.42 |
| 08 33 23 13-0377 | EA | 11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,045.02 | 926.31 |
| 08 33 23 13-0378 | EA | 11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,378.57 | 948.22 |
| 08 33 23 13-0379 | EA | 11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,148.55 | 970.12 |
| 08 33 23 13-0380 | EA | 11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,078.60 | 1,000.55 |
| 08 33 23 13-0381 | EA | 11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,001.08 | 1,026.56 |
| 08 33 23 13-0382 | EA | 11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,924.89 | 1,053.25 |
| 08 33 23 13-0383 | EA | 11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,704.60 | 1,080.63 |
| **08 33 23 13-0384** | | **12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0385 | EA | 12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 22,753.45 | 860.61 |
| 08 33 23 13-0386 | EA | 12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,086.99 | 882.51 |
| 08 33 23 13-0387 | EA | 12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,420.52 | 904.42 |
| 08 33 23 13-0388 | EA | 12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,899.54 | 926.31 |
| 08 33 23 13-0389 | EA | 12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,378.57 | 948.22 |
| 08 33 23 13-0390 | EA | 12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,292.80 | 970.12 |
| 08 33 23 13-0391 | EA | 12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,207.04 | 992.02 |
| 08 33 23 13-0392 | EA | 12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,142.95 | 1,024.76 |
| 08 33 23 13-0393 | EA | 12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,210.92 | 1,051.40 |
| 08 33 23 13-0394 | EA | 12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,136.03 | 1,078.74 |
| 08 33 23 13-0395 | EA | 12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,062.56 | 1,106.79 |
| **08 33 23 13-0396** | | **13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0397 | EA | 13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,086.99 | 882.51 |
| 08 33 23 13-0398 | EA | 13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,276.27 | 904.42 |
| 08 33 23 13-0399 | EA | 13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,609.81 | 926.31 |
| 08 33 23 13-0400 | EA | 13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,234.32 | 948.22 |
| 08 33 23 13-0401 | EA | 13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,292.80 | 970.12 |
| 08 33 23 13-0402 | EA | 13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,352.52 | 992.02 |
| 08 33 23 13-0403 | EA | 13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,266.77 | 1,013.93 |
| 08 33 23 13-0404 | EA | 13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,351.70 | 1,049.04 |
| 08 33 23 13-0405 | EA | 13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,422.17 | 1,076.32 |
| 08 33 23 13-0406 | EA | 13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,492.81 | 1,104.31 |
| 08 33 23 13-0407 | EA | 13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,420.67 | 1,133.02 |
| **08 33 23 13-0408** | | **14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0409 | EA | 14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,276.27 | 904.42 |
| 08 33 23 13-0410 | EA | 14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,464.32 | 926.31 |
| 08 33 23 13-0411 | EA | 14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 23,943.35 | 948.22 |
| 08 33 23 13-0412 | EA | 14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,857.58 | 970.12 |
| 08 33 23 13-0413 | EA | 14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,207.04 | 992.02 |
| 08 33 23 13-0414 | EA | 14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,266.77 | 1,013.93 |
| 08 33 23 13-0415 | EA | 14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,470.73 | 1,035.82 |
| 08 33 23 13-0416 | EA | 14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,560.32 | 1,073.28 |
| 08 33 23 13-0417 | EA | 14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,632.05 | 1,101.19 |
| 08 33 23 13-0418 | EA | 14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,704.00 | 1,129.81 |
| 08 33 23 13-0419 | EA | 14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 32,924.15 | 1,159.19 |
| **08 33 23 13-0420** | | **15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0421 | EA | 15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,188.31 | 925.22 |
| 08 33 23 13-0422 | EA | 15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,522.86 | 947.62 |
| 08 33 23 13-0423 | EA | 15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,002.89 | 970.02 |
| 08 33 23 13-0424 | EA | 15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,627.17 | 992.43 |
| 08 33 23 13-0425 | EA | 15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,123.11 | 1,014.84 |
| 08 33 23 13-0426 | EA | 15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,328.09 | 1,037.24 |
| 08 33 23 13-0427 | EA | 15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,533.07 | 1,059.66 |
| 08 33 23 13-0428 | EA | 15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,625.63 | 1,097.97 |
| 08 33 23 13-0429 | EA | 15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,842.89 | 1,126.50 |
| 08 33 23 13-0430 | EA | 15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 33,061.63 | 1,155.81 |
| 08 33 23 13-0431 | EA | 15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 34,281.91 | 1,185.85 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 33 23 13-0432** | | **16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0433 | EA | 16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,375.13 | 946.50 |
| 08 33 23 13-0434 | EA | 16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,856.18 | 969.42 |
| 08 33 23 13-0435 | EA | 16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,337.24 | 992.34 |
| 08 33 23 13-0436 | EA | 16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,543.25 | 1,015.26 |
| 08 33 23 13-0437 | EA | 16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,184.48 | 1,038.18 |
| 08 33 23 13-0438 | EA | 16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,391.72 | 1,061.10 |
| 08 33 23 13-0439 | EA | 16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,597.74 | 1,084.01 |
| 08 33 23 13-0440 | EA | 16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,836.30 | 1,123.21 |
| 08 33 23 13-0441 | EA | 16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 33,054.87 | 1,152.42 |
| 08 33 23 13-0442 | EA | 16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 34,274.97 | 1,182.38 |
| 08 33 23 13-0443 | EA | 16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 35,642.11 | 1,213.13 |
| **08 33 23 13-0444** | | **17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0445 | EA | 17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 24,709.62 | 968.27 |
| 08 33 23 13-0446 | EA | 17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,046.25 | 991.72 |
| 08 33 23 13-0447 | EA | 17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,253.32 | 1,015.16 |
| 08 33 23 13-0448 | EA | 17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,460.38 | 1,038.61 |
| 08 33 23 13-0449 | EA | 17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,102.66 | 1,062.06 |
| 08 33 23 13-0450 | EA | 17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,455.20 | 1,085.51 |
| 08 33 23 13-0451 | EA | 17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,662.28 | 1,108.96 |
| 08 33 23 13-0452 | EA | 17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 33,048.14 | 1,149.06 |
| 08 33 23 13-0453 | EA | 17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 34,268.06 | 1,178.92 |
| 08 33 23 13-0454 | EA | 17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 35,635.01 | 1,209.58 |
| 08 33 23 13-0455 | EA | 17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 37,003.56 | 1,241.03 |
| **08 33 23 13-0456** | | **18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0457 | EA | 18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,043.90 | 990.54 |
| 08 33 23 13-0458 | EA | 18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,381.61 | 1,014.52 |
| 08 33 23 13-0459 | EA | 18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,024.97 | 1,038.52 |
| 08 33 23 13-0460 | EA | 18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,378.60 | 1,062.49 |
| 08 33 23 13-0461 | EA | 18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,021.96 | 1,086.49 |
| 08 33 23 13-0462 | EA | 18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,375.58 | 1,110.47 |
| 08 33 23 13-0463 | EA | 18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 32,874.70 | 1,134.47 |
| 08 33 23 13-0464 | EA | 18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 34,261.16 | 1,175.48 |
| 08 33 23 13-0465 | EA | 18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 35,627.93 | 1,206.05 |
| 08 33 23 13-0466 | EA | 18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 36,996.30 | 1,237.40 |
| 08 33 23 13-0467 | EA | 18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 38,366.30 | 1,269.57 |
| **08 33 23 13-0468** | | **19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0469 | EA | 19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 25,668.94 | 1,013.31 |
| 08 33 23 13-0470 | EA | 19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,153.22 | 1,037.86 |
| 08 33 23 13-0471 | EA | 19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,943.17 | 1,062.40 |
| 08 33 23 13-0472 | EA | 19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,297.91 | 1,086.94 |
| 08 33 23 13-0473 | EA | 19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,087.86 | 1,111.48 |
| 08 33 23 13-0474 | EA | 19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 32,442.59 | 1,136.02 |
| 08 33 23 13-0475 | EA | 19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 33,941.57 | 1,160.56 |
| 08 33 23 13-0476 | EA | 19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 35,331.14 | 1,202.52 |
| 08 33 23 13-0477 | EA | 19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 36,843.59 | 1,233.78 |
| 08 33 23 13-0478 | EA | 19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 38,213.39 | 1,265.86 |
| 08 33 23 13-0479 | EA | 19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 39,730.35 | 1,298.78 |
| **08 33 23 13-0480** | | **20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0481 | EA | 20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,585.98 | 1,036.63 |
| 08 33 23 13-0482 | EA | 20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,071.41 | 1,061.73 |
| 08 33 23 13-0483 | EA | 20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,716.99 | 1,086.84 |
| 08 33 23 13-0484 | EA | 20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,218.35 | 1,111.93 |
| 08 33 23 13-0485 | EA | 20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 32,009.42 | 1,137.04 |
| 08 33 23 13-0486 | EA | 20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 33,509.53 | 1,162.14 |
| 08 33 23 13-0487 | EA | 20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 35,010.87 | 1,187.25 |
| 08 33 23 13-0488 | EA | 20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 36,546.63 | 1,230.17 |
| 08 33 23 13-0489 | EA | 20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 38,061.74 | 1,262.16 |
| 08 33 23 13-0490 | EA | 20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 39,577.27 | 1,294.97 |
| 08 33 23 13-0491 | EA | 20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 41,094.51 | 1,328.64 |
| **08 33 23 13-0492** | | **21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0493 | EA | 21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 26,779.15 | 1,060.46 |
| 08 33 23 13-0494 | EA | 21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,136.17 | 1,086.15 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0495 | EA | 21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,493.18 | 1,111.83 |
| 08 33 23 13-0496 | EA | 21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,139.93 | 1,137.51 |
| 08 33 23 13-0497 | EA | 21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 32,932.16 | 1,163.19 |
| 08 33 23 13-0498 | EA | 21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 34,578.90 | 1,188.87 |
| 08 33 23 13-0499 | EA | 21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 36,080.17 | 1,214.55 |
| 08 33 23 13-0500 | EA | 21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 37,763.39 | 1,258.47 |
| 08 33 23 13-0501 | EA | 21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 39,279.97 | 1,291.19 |
| 08 33 23 13-0502 | EA | 21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 40,797.01 | 1,324.76 |
| 08 33 23 13-0503 | EA | 21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 42,461.28 | 1,359.20 |
| **08 33 23 13-0504** | | **22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0505 | EA | 22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 27,117.67 | 1,084.86 |
| 08 33 23 13-0506 | EA | 22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,330.38 | 1,111.14 |
| 08 33 23 13-0507 | EA | 22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 30,414.75 | 1,137.40 |
| 08 33 23 13-0508 | EA | 22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 32,062.68 | 1,163.68 |
| 08 33 23 13-0509 | EA | 22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 34,000.35 | 1,189.94 |
| 08 33 23 13-0510 | EA | 22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 35,648.28 | 1,216.22 |
| 08 33 23 13-0511 | EA | 22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 37,151.95 | 1,242.48 |
| 08 33 23 13-0512 | EA | 22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 38,837.20 | 1,287.41 |
| 08 33 23 13-0513 | EA | 22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 40,499.53 | 1,320.88 |
| 08 33 23 13-0514 | EA | 22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 42,163.59 | 1,355.23 |
| 08 33 23 13-0515 | EA | 22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 43,829.45 | 1,390.47 |
| **08 33 23 13-0516** | | **23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0517 | EA | 23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 28,183.49 | 1,109.81 |
| 08 33 23 13-0518 | EA | 23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,251.92 | 1,136.69 |
| 08 33 23 13-0519 | EA | 23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 31,192.03 | 1,163.56 |
| 08 33 23 13-0520 | EA | 23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 32,986.65 | 1,190.44 |
| 08 33 23 13-0521 | EA | 23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 34,925.52 | 1,217.31 |
| 08 33 23 13-0522 | EA | 23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 36,574.65 | 1,244.19 |
| 08 33 23 13-0523 | EA | 23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 38,369.28 | 1,271.07 |
| 08 33 23 13-0524 | EA | 23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 40,056.59 | 1,317.03 |
| 08 33 23 13-0525 | EA | 23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 41,720.46 | 1,351.27 |
| 08 33 23 13-0526 | EA | 23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 43,531.60 | 1,386.40 |
| 08 33 23 13-0527 | EA | 23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 45,199.07 | 1,422.45 |
| **08 33 23 13-0528** | | **24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)* | | |
| 08 33 23 13-0529 | EA | 24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,104.98 | 1,135.33 |
| 08 33 23 13-0530 | EA | 24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 29,884.91 | 1,162.83 |
| 08 33 23 13-0531 | EA | 24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 32,115.99 | 1,190.33 |
| 08 33 23 13-0532 | EA | 24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 33,766.36 | 1,217.82 |
| 08 33 23 13-0533 | EA | 24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 35,851.94 | 1,245.31 |
| 08 33 23 13-0534 | EA | 24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 37,647.81 | 1,272.80 |
| 08 33 23 13-0535 | EA | 24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 39,442.44 | 1,300.30 |
| 08 33 23 13-0536 | EA | 24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 41,277.34 | 1,347.31 |
| 08 33 23 13-0537 | EA | 24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 42,942.78 | 1,382.34 |
| 08 33 23 13-0538 | EA | 24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 44,755.53 | 1,418.29 |
| 08 33 23 13-0539 | EA | 24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) | 46,570.15 | 1,455.17 |
| **08 33 23 13-0540** | | **Rytec® Powerhouse™ Door Options** *(08 33 23 13-0334)* | | |
| 08 33 23 13-0541 | EA | Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 1,886.35 | |
| 08 33 23 13-0542 | EA | 9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 1,923.34 | |
| 08 33 23 13-0543 | EA | 10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 1,960.33 | |
| 08 33 23 13-0544 | EA | 11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 1,997.32 | |
| 08 33 23 13-0545 | EA | 12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,034.30 | |
| 08 33 23 13-0546 | EA | 13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,071.29 | |
| 08 33 23 13-0547 | EA | 14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,108.28 | |
| 08 33 23 13-0548 | EA | 15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,145.26 | |
| 08 33 23 13-0549 | EA | 16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,182.25 | |
| 08 33 23 13-0550 | EA | 17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,219.24 | |
| 08 33 23 13-0551 | EA | 18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,256.23 | |
| 08 33 23 13-0552 | EA | 19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,293.21 | |
| 08 33 23 13-0553 | EA | 20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,330.20 | |
| 08 33 23 13-0554 | EA | 21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,367.19 | |
| 08 33 23 13-0555 | EA | 22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,404.18 | |
| 08 33 23 13-0556 | EA | 23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,441.16 | |
| 08 33 23 13-0557 | EA | 24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors | 2,478.15 | |
| 08 33 23 13-0558 | EA | 11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors | 431.52 | |
| 08 33 23 13-0559 | EA | 208-230 Volt Application For Rytec® Powerhouse™ Door<br>Note: Includes System 4 Controller In NEMA 4 Enclosure | 1,060.30 | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0560 | | Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13)* Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second. | | |
| 08 33 23 13-0561 | | Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13-0560)* | | |
| 08 33 23 13-0562 | | 8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0563 | EA | 8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 22,923.79 | 1,030.68 |
| 08 33 23 13-0564 | EA | 8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 23,585.18 | 1,052.57 |
| 08 33 23 13-0565 | EA | 8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 24,246.60 | 1,074.48 |
| 08 33 23 13-0566 | EA | 8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 24,909.14 | 1,096.37 |
| 08 33 23 13-0567 | EA | 8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 25,570.54 | 1,118.28 |
| 08 33 23 13-0568 | EA | 8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,231.93 | 1,140.18 |
| 08 33 23 13-0569 | EA | 8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,127.38 | 1,162.08 |
| 08 33 23 13-0570 | EA | 8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,785.76 | 1,185.32 |
| 08 33 23 13-0571 | EA | 8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 29,444.71 | 1,209.03 |
| 08 33 23 13-0572 | EA | 8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,104.59 | 1,233.21 |
| 08 33 23 13-0573 | EA | 8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,765.43 | 1,257.88 |
| 08 33 23 13-0574 | | 9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0575 | EA | 9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 23,585.18 | 1,052.57 |
| 08 33 23 13-0576 | EA | 9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 24,246.60 | 1,074.48 |
| 08 33 23 13-0577 | EA | 9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 24,909.14 | 1,096.37 |
| 08 33 23 13-0578 | EA | 9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 25,570.54 | 1,118.28 |
| 08 33 23 13-0579 | EA | 9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,231.93 | 1,140.18 |
| 08 33 23 13-0580 | EA | 9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,893.33 | 1,162.08 |
| 08 33 23 13-0581 | EA | 9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,788.79 | 1,183.99 |
| 08 33 23 13-0582 | EA | 9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 29,437.95 | 1,207.66 |
| 08 33 23 13-0583 | EA | 9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,109.19 | 1,231.82 |
| 08 33 23 13-0584 | EA | 9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,769.98 | 1,256.46 |
| 08 33 23 13-0585 | EA | 9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,431.77 | 1,281.58 |
| 08 33 23 13-0586 | | 10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0587 | EA | 10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 24,246.60 | 1,074.48 |
| 08 33 23 13-0588 | EA | 10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 24,909.14 | 1,096.37 |
| 08 33 23 13-0589 | EA | 10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 25,570.54 | 1,118.28 |
| 08 33 23 13-0590 | EA | 10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,231.93 | 1,140.18 |
| 08 33 23 13-0591 | EA | 10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,893.33 | 1,162.08 |
| 08 33 23 13-0592 | EA | 10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 27,554.74 | 1,183.99 |
| 08 33 23 13-0593 | EA | 10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 29,450.19 | 1,205.88 |
| 08 33 23 13-0594 | EA | 10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,110.50 | 1,230.00 |
| 08 33 23 13-0595 | EA | 10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,771.21 | 1,254.60 |
| 08 33 23 13-0596 | EA | 10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,432.93 | 1,279.70 |
| 08 33 23 13-0597 | EA | 10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,095.64 | 1,305.28 |
| 08 33 23 13-0598 | | 11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0599 | EA | 11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 24,909.14 | 1,096.37 |
| 08 33 23 13-0600 | EA | 11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 25,570.54 | 1,118.28 |
| 08 33 23 13-0601 | EA | 11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,231.93 | 1,140.18 |
| 08 33 23 13-0602 | EA | 11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,893.33 | 1,162.08 |
| 08 33 23 13-0603 | EA | 11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 27,554.74 | 1,183.99 |
| 08 33 23 13-0604 | EA | 11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,216.13 | 1,205.88 |
| 08 33 23 13-0605 | EA | 11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,110.45 | 1,227.79 |
| 08 33 23 13-0606 | EA | 11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,772.87 | 1,252.34 |
| 08 33 23 13-0607 | EA | 11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,434.48 | 1,277.38 |
| 08 33 23 13-0608 | EA | 11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,097.10 | 1,302.94 |
| 08 33 23 13-0609 | EA | 11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,760.74 | 1,329.00 |
| 08 33 23 13-0610 | | 12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0611 | EA | 12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 25,570.54 | 1,118.28 |
| 08 33 23 13-0612 | EA | 12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,231.93 | 1,140.18 |
| 08 33 23 13-0613 | EA | 12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,893.33 | 1,162.08 |
| 08 33 23 13-0614 | EA | 12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 27,554.74 | 1,183.99 |
| 08 33 23 13-0615 | EA | 12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,216.13 | 1,205.88 |
| 08 33 23 13-0616 | EA | 12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,877.54 | 1,227.79 |
| 08 33 23 13-0617 | EA | 12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,772.99 | 1,249.69 |
| 08 33 23 13-0618 | EA | 12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,435.24 | 1,274.68 |
| 08 33 23 13-0619 | EA | 12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,097.74 | 1,300.18 |
| 08 33 23 13-0620 | EA | 12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,761.27 | 1,326.18 |
| 08 33 23 13-0621 | EA | 12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,427.08 | 1,352.71 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0622 | | 13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0623 | EA | 13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,231.93 | 1,140.18 |
| 08 33 23 13-0624 | EA | 13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 26,893.33 | 1,162.08 |
| 08 33 23 13-0625 | EA | 13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 27,554.74 | 1,183.99 |
| 08 33 23 13-0626 | EA | 13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,216.13 | 1,205.88 |
| 08 33 23 13-0627 | EA | 13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,877.54 | 1,227.79 |
| 08 33 23 13-0628 | EA | 13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 29,538.94 | 1,249.69 |
| 08 33 23 13-0629 | EA | 13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,434.40 | 1,271.59 |
| 08 33 23 13-0630 | EA | 13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,097.60 | 1,297.02 |
| 08 33 23 13-0631 | EA | 13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,761.00 | 1,322.96 |
| 08 33 23 13-0632 | EA | 13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,425.45 | 1,349.43 |
| 08 33 23 13-0633 | EA | 13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,090.94 | 1,376.41 |
| 08 33 23 13-0634 | | 14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0635 | EA | 14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,127.38 | 1,162.08 |
| 08 33 23 13-0636 | EA | 14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,788.79 | 1,183.99 |
| 08 33 23 13-0637 | EA | 14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 29,450.19 | 1,205.88 |
| 08 33 23 13-0638 | EA | 14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,110.45 | 1,227.79 |
| 08 33 23 13-0639 | EA | 14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,772.99 | 1,249.69 |
| 08 33 23 13-0640 | EA | 14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,434.40 | 1,271.59 |
| 08 33 23 13-0641 | EA | 14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,090.09 | 1,293.50 |
| 08 33 23 13-0642 | EA | 14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,753.81 | 1,319.36 |
| 08 33 23 13-0643 | EA | 14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,418.09 | 1,345.75 |
| 08 33 23 13-0644 | EA | 14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,083.45 | 1,372.67 |
| 08 33 23 13-0645 | EA | 14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,749.90 | 1,400.11 |
| 08 33 23 13-0646 | | 15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0647 | EA | 15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 28,785.76 | 1,185.32 |
| 08 33 23 13-0648 | EA | 15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 29,449.36 | 1,207.66 |
| 08 33 23 13-0649 | EA | 15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,110.50 | 1,230.00 |
| 08 33 23 13-0650 | EA | 15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,772.87 | 1,252.34 |
| 08 33 23 13-0651 | EA | 15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,435.24 | 1,274.68 |
| 08 33 23 13-0652 | EA | 15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,097.60 | 1,297.02 |
| 08 33 23 13-0653 | EA | 15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,753.81 | 1,319.36 |
| 08 33 23 13-0654 | EA | 15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,418.09 | 1,345.75 |
| 08 33 23 13-0655 | EA | 15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,083.45 | 1,372.67 |
| 08 33 23 13-0656 | EA | 15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,749.90 | 1,400.11 |
| 08 33 23 13-0657 | EA | 15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 35,417.41 | 1,428.12 |
| 08 33 23 13-0658 | | 16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0659 | EA | 16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 29,444.71 | 1,209.03 |
| 08 33 23 13-0660 | EA | 16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,109.19 | 1,231.82 |
| 08 33 23 13-0661 | EA | 16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,771.21 | 1,254.60 |
| 08 33 23 13-0662 | EA | 16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,434.48 | 1,277.38 |
| 08 33 23 13-0663 | EA | 16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,097.74 | 1,300.18 |
| 08 33 23 13-0664 | EA | 16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,761.00 | 1,322.96 |
| 08 33 23 13-0665 | EA | 16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,418.09 | 1,345.75 |
| 08 33 23 13-0666 | EA | 16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,083.45 | 1,372.67 |
| 08 33 23 13-0667 | EA | 16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,749.90 | 1,400.11 |
| 08 33 23 13-0668 | EA | 16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 35,417.41 | 1,428.12 |
| 08 33 23 13-0669 | EA | 16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 36,087.30 | 1,456.68 |
| 08 33 23 13-0670 | | 17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0671 | EA | 17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,104.59 | 1,233.21 |
| 08 33 23 13-0672 | EA | 17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,769.98 | 1,256.46 |
| 08 33 23 13-0673 | EA | 17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,432.93 | 1,279.70 |
| 08 33 23 13-0674 | EA | 17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,097.10 | 1,302.94 |
| 08 33 23 13-0675 | EA | 17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,761.27 | 1,326.18 |
| 08 33 23 13-0676 | EA | 17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,425.45 | 1,349.43 |
| 08 33 23 13-0677 | EA | 17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,083.45 | 1,372.67 |
| 08 33 23 13-0678 | EA | 17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,749.90 | 1,400.11 |
| 08 33 23 13-0679 | EA | 17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 35,417.41 | 1,428.12 |
| 08 33 23 13-0680 | EA | 17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 36,087.30 | 1,456.68 |
| 08 33 23 13-0681 | EA | 17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 36,757.08 | 1,485.82 |
| 08 33 23 13-0682 | | 18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0683 | EA | 18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 30,902.29 | 1,257.88 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0684 | EA | 18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,567.39 | 1,281.58 |
| 08 33 23 13-0685 | EA | 18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,232.49 | 1,305.28 |
| 08 33 23 13-0686 | EA | 18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,896.36 | 1,329.00 |
| 08 33 23 13-0687 | EA | 18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,562.70 | 1,352.71 |
| 08 33 23 13-0688 | EA | 18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,226.56 | 1,376.41 |
| 08 33 23 13-0689 | EA | 18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,886.75 | 1,400.11 |
| 08 33 23 13-0690 | EA | 18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 35,554.27 | 1,428.12 |
| 08 33 23 13-0691 | EA | 18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 36,222.92 | 1,456.68 |
| 08 33 23 13-0692 | EA | 18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 36,892.70 | 1,485.82 |
| 08 33 23 13-0693 | EA | 18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 37,563.67 | 1,515.54 |
| 08 33 23 13-0694 | | 19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0695 | EA | 19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 31,767.55 | 1,283.04 |
| 08 33 23 13-0696 | EA | 19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,434.84 | 1,307.22 |
| 08 33 23 13-0697 | EA | 19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,099.67 | 1,331.40 |
| 08 33 23 13-0698 | EA | 19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,765.72 | 1,355.57 |
| 08 33 23 13-0699 | EA | 19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,431.76 | 1,379.76 |
| 08 33 23 13-0700 | EA | 19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 35,097.80 | 1,403.94 |
| 08 33 23 13-0701 | EA | 19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 35,757.70 | 1,428.12 |
| 08 33 23 13-0702 | EA | 19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 36,426.35 | 1,456.68 |
| 08 33 23 13-0703 | EA | 19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 37,096.13 | 1,485.82 |
| 08 33 23 13-0704 | EA | 19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 37,767.10 | 1,515.54 |
| 08 33 23 13-0705 | EA | 19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 38,440.48 | 1,545.85 |
| 08 33 23 13-0706 | | 20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)* | | |
| 08 33 23 13-0707 | EA | 20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 32,838.16 | 1,308.96 |
| 08 33 23 13-0708 | EA | 20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 33,506.89 | 1,333.00 |
| 08 33 23 13-0709 | EA | 20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,172.30 | 1,357.92 |
| 08 33 23 13-0710 | EA | 20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 34,839.81 | 1,382.82 |
| 08 33 23 13-0711 | EA | 20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 35,506.45 | 1,407.73 |
| 08 33 23 13-0712 | EA | 20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 36,173.10 | 1,431.78 |
| 08 33 23 13-0713 | EA | 20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 36,834.44 | 1,456.68 |
| 08 33 23 13-0714 | EA | 20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 37,504.37 | 1,485.88 |
| 08 33 23 13-0715 | EA | 20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 38,175.15 | 1,515.95 |
| 08 33 23 13-0716 | EA | 20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 38,847.66 | 1,546.01 |
| 08 33 23 13-0717 | EA | 20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) | 39,521.03 | 1,576.93 |
| 08 33 23 13-0718 | | Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0560)* | | |
| 08 33 23 13-0719 | | 8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)* | | |
| 08 33 23 13-0720 | EA | 8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 22,986.70 | 687.11 |
| 08 33 23 13-0721 | EA | 8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 23,491.94 | 701.71 |
| 08 33 23 13-0722 | EA | 8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 23,997.18 | 716.32 |
| 08 33 23 13-0723 | EA | 8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 24,500.15 | 730.92 |
| 08 33 23 13-0724 | EA | 8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,005.39 | 745.52 |
| 08 33 23 13-0725 | EA | 8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,510.63 | 760.12 |
| 08 33 23 13-0726 | EA | 8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 30,773.99 | 774.72 |
| 08 33 23 13-0727 | | 9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)* | | |
| 08 33 23 13-0728 | EA | 9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 23,491.94 | 701.71 |
| 08 33 23 13-0729 | EA | 9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 23,997.18 | 716.32 |
| 08 33 23 13-0730 | EA | 9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 24,500.15 | 730.92 |
| 08 33 23 13-0731 | EA | 9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,005.39 | 745.52 |
| 08 33 23 13-0732 | EA | 9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,510.63 | 760.12 |
| 08 33 23 13-0733 | EA | 9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,015.87 | 774.72 |
| 08 33 23 13-0734 | EA | 9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 31,279.24 | 789.33 |
| 08 33 23 13-0735 | | 10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)* | | |
| 08 33 23 13-0736 | EA | 10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 23,997.18 | 716.32 |
| 08 33 23 13-0737 | EA | 10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 24,500.15 | 730.92 |
| 08 33 23 13-0738 | EA | 10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,005.39 | 745.52 |
| 08 33 23 13-0739 | EA | 10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,510.63 | 760.12 |
| 08 33 23 13-0740 | EA | 10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,015.87 | 774.72 |
| 08 33 23 13-0741 | EA | 10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,521.12 | 789.33 |
| 08 33 23 13-0742 | EA | 10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 31,784.48 | 803.93 |
| 08 33 23 13-0743 | | 11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0744 | EA | 11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 24,500.15 | 730.92 |
| 08 33 23 13-0745 | EA | 11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,005.39 | 745.52 |
| 08 33 23 13-0746 | EA | 11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,510.63 | 760.12 |
| 08 33 23 13-0747 | EA | 11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,015.87 | 774.72 |
| 08 33 23 13-0748 | EA | 11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,521.12 | 789.33 |
| 08 33 23 13-0749 | EA | 11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 27,026.36 | 803.93 |
| 08 33 23 13-0750 | EA | 11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 32,287.44 | 818.53 |
| 08 33 23 13-0751 | | 12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)* | | |
| 08 33 23 13-0752 | EA | 12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,005.39 | 745.52 |
| 08 33 23 13-0753 | EA | 12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,510.63 | 760.12 |
| 08 33 23 13-0754 | EA | 12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,015.87 | 774.72 |
| 08 33 23 13-0755 | EA | 12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,521.12 | 789.33 |
| 08 33 23 13-0756 | EA | 12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 27,026.36 | 803.93 |
| 08 33 23 13-0757 | EA | 12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 27,531.60 | 818.53 |
| 08 33 23 13-0758 | EA | 12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 32,792.69 | 833.13 |
| 08 33 23 13-0759 | | 13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)* | | |
| 08 33 23 13-0760 | EA | 13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 25,510.63 | 760.12 |
| 08 33 23 13-0761 | EA | 13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,015.87 | 774.72 |
| 08 33 23 13-0762 | EA | 13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 26,521.12 | 789.33 |
| 08 33 23 13-0763 | EA | 13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 27,026.36 | 803.93 |
| 08 33 23 13-0764 | EA | 13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 27,531.60 | 818.53 |
| 08 33 23 13-0765 | EA | 13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 28,036.85 | 833.13 |
| 08 33 23 13-0766 | EA | 13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 33,297.93 | 847.73 |
| 08 33 23 13-0767 | | 14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)* | | |
| 08 33 23 13-0768 | EA | 14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 30,773.99 | 774.72 |
| 08 33 23 13-0769 | EA | 14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 31,279.24 | 789.33 |
| 08 33 23 13-0770 | EA | 14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 31,784.48 | 803.93 |
| 08 33 23 13-0771 | EA | 14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 32,287.44 | 818.53 |
| 08 33 23 13-0772 | EA | 14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 32,792.69 | 833.13 |
| 08 33 23 13-0773 | EA | 14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 33,297.93 | 847.73 |
| 08 33 23 13-0774 | EA | 14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®) | 33,803.17 | 862.33 |
| 08 33 23 13-0775 | | Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0560)* | | |
| 08 33 23 13-0776 | | 8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)* | | |
| 08 33 23 13-0777 | EA | 8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 21,355.37 | 687.11 |
| 08 33 23 13-0778 | EA | 8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 21,860.62 | 701.71 |
| 08 33 23 13-0779 | EA | 8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 22,365.86 | 716.32 |
| 08 33 23 13-0780 | EA | 8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 22,869.96 | 730.92 |
| 08 33 23 13-0781 | EA | 8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,375.21 | 745.52 |
| 08 33 23 13-0782 | EA | 8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,871.57 | 756.26 |
| 08 33 23 13-0783 | EA | 8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 27,323.46 | 760.12 |
| 08 33 23 13-0784 | | 9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)* | | |
| 08 33 23 13-0785 | EA | 9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 21,860.62 | 701.71 |
| 08 33 23 13-0786 | EA | 9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 22,365.86 | 716.32 |
| 08 33 23 13-0787 | EA | 9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 22,869.96 | 730.92 |
| 08 33 23 13-0788 | EA | 9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,375.21 | 745.52 |
| 08 33 23 13-0789 | EA | 9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,879.30 | 760.12 |
| 08 33 23 13-0790 | EA | 9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,373.38 | 769.13 |
| 08 33 23 13-0791 | EA | 9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 26,118.61 | 774.72 |
| 08 33 23 13-0792 | | 10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)* | | |
| 08 33 23 13-0793 | EA | 10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 22,365.86 | 716.32 |
| 08 33 23 13-0794 | EA | 10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 22,869.96 | 730.92 |
| 08 33 23 13-0795 | EA | 10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,375.21 | 745.52 |
| 08 33 23 13-0796 | EA | 10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,879.30 | 760.12 |
| 08 33 23 13-0797 | EA | 10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,384.54 | 774.72 |
| 08 33 23 13-0798 | EA | 10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,882.06 | 785.46 |
| 08 33 23 13-0799 | EA | 10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 26,765.42 | 789.33 |
| 08 33 23 13-0800 | | 11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0801 | EA | 11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 22,869.96 | 730.92 |
| 08 33 23 13-0802 | EA | 11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,375.21 | 745.52 |
| 08 33 23 13-0803 | EA | 11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,879.30 | 760.12 |
| 08 33 23 13-0804 | EA | 11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,384.54 | 774.72 |
| 08 33 23 13-0805 | EA | 11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,889.80 | 789.33 |
| 08 33 23 13-0806 | EA | 11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 25,387.31 | 800.06 |
| 08 33 23 13-0807 | EA | 11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 27,412.21 | 803.93 |
| 08 33 23 13-0808 | | 12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)* | | |
| 08 33 23 13-0809 | EA | 12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,375.21 | 745.52 |
| 08 33 23 13-0810 | EA | 12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,879.30 | 760.12 |
| 08 33 23 13-0811 | EA | 12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,384.54 | 774.72 |
| 08 33 23 13-0812 | EA | 12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,889.80 | 789.33 |
| 08 33 23 13-0813 | EA | 12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 25,395.04 | 803.93 |
| 08 33 23 13-0814 | EA | 12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 25,890.83 | 813.80 |
| 08 33 23 13-0815 | EA | 12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 28,059.01 | 818.53 |
| 08 33 23 13-0816 | | 13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)* | | |
| 08 33 23 13-0817 | EA | 13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 23,879.30 | 760.12 |
| 08 33 23 13-0818 | EA | 13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,384.54 | 774.72 |
| 08 33 23 13-0819 | EA | 13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 24,889.80 | 789.33 |
| 08 33 23 13-0820 | EA | 13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 25,395.04 | 803.93 |
| 08 33 23 13-0821 | EA | 13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 25,900.28 | 818.53 |
| 08 33 23 13-0822 | EA | 13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 26,396.94 | 828.83 |
| 08 33 23 13-0823 | EA | 13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 28,705.82 | 833.13 |
| 08 33 23 13-0824 | | 14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)* | | |
| 08 33 23 13-0825 | EA | 14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 27,352.66 | 774.72 |
| 08 33 23 13-0826 | EA | 14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 27,999.47 | 789.33 |
| 08 33 23 13-0827 | EA | 14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 28,646.27 | 803.93 |
| 08 33 23 13-0828 | EA | 14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 29,291.92 | 818.53 |
| 08 33 23 13-0829 | EA | 14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 29,939.87 | 833.13 |
| 08 33 23 13-0830 | EA | 14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 30,578.94 | 843.86 |
| 08 33 23 13-0831 | EA | 14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®) | 30,586.67 | 847.73 |
| 08 33 23 13-0832 | | Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0560)* | | |
| 08 33 23 13-0833 | | 8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)* | | |
| 08 33 23 13-0834 | EA | 8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 28,604.30 | 687.11 |
| 08 33 23 13-0835 | EA | 8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 29,246.25 | 701.71 |
| 08 33 23 13-0836 | EA | 8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 29,886.98 | 716.32 |
| 08 33 23 13-0837 | EA | 8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 30,866.76 | 730.92 |
| 08 33 23 13-0838 | EA | 8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 31,847.77 | 745.52 |
| 08 33 23 13-0839 | EA | 8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 32,828.77 | 760.12 |
| 08 33 23 13-0840 | EA | 8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 33,809.78 | 774.72 |
| 08 33 23 13-0841 | | 9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)* | | |
| 08 33 23 13-0842 | EA | 9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 29,246.25 | 701.71 |
| 08 33 23 13-0843 | EA | 9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 29,886.98 | 716.32 |
| 08 33 23 13-0844 | EA | 9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 30,527.71 | 730.92 |
| 08 33 23 13-0845 | EA | 9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 31,508.72 | 745.52 |
| 08 33 23 13-0846 | EA | 9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 32,488.49 | 760.12 |
| 08 33 23 13-0847 | EA | 9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 33,469.50 | 774.72 |
| 08 33 23 13-0848 | EA | 9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 34,456.68 | 789.33 |
| 08 33 23 13-0849 | | 10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)* | | |
| 08 33 23 13-0850 | EA | 10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 29,886.98 | 716.32 |
| 08 33 23 13-0851 | EA | 10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 30,527.71 | 730.92 |
| 08 33 23 13-0852 | EA | 10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 31,168.43 | 745.52 |
| 08 33 23 13-0853 | EA | 10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 32,149.44 | 760.12 |
| 08 33 23 13-0854 | EA | 10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 33,129.22 | 774.72 |
| 08 33 23 13-0855 | EA | 10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 34,110.23 | 789.33 |
| 08 33 23 13-0856 | EA | 10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 35,103.57 | 803.93 |
| 08 33 23 13-0857 | | 11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0858 | EA | 11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 30,527.71 | 730.92 |
| 08 33 23 13-0859 | EA | 11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 31,168.43 | 745.52 |
| 08 33 23 13-0860 | EA | 11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 31,809.16 | 760.12 |
| 08 33 23 13-0861 | EA | 11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 32,790.16 | 774.72 |
| 08 33 23 13-0862 | EA | 11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 33,771.18 | 789.33 |
| 08 33 23 13-0863 | EA | 11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 34,750.96 | 803.93 |
| 08 33 23 13-0864 | EA | 11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 35,749.22 | 818.53 |
| **08 33 23 13-0865** | | **12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)* | | |
| 08 33 23 13-0866 | EA | 12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 31,168.43 | 745.52 |
| 08 33 23 13-0867 | EA | 12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 31,809.16 | 760.12 |
| 08 33 23 13-0868 | EA | 12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 32,449.88 | 774.72 |
| 08 33 23 13-0869 | EA | 12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 33,430.90 | 789.33 |
| 08 33 23 13-0870 | EA | 12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 34,411.91 | 803.93 |
| 08 33 23 13-0871 | EA | 12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 35,391.68 | 818.53 |
| 08 33 23 13-0872 | EA | 12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 36,397.36 | 833.13 |
| **08 33 23 13-0873** | | **13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)* | | |
| 08 33 23 13-0874 | EA | 13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 31,809.16 | 760.12 |
| 08 33 23 13-0875 | EA | 13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 32,449.88 | 774.72 |
| 08 33 23 13-0876 | EA | 13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 33,090.62 | 789.33 |
| 08 33 23 13-0877 | EA | 13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 34,071.62 | 803.93 |
| 08 33 23 13-0878 | EA | 13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 35,052.63 | 818.53 |
| 08 33 23 13-0879 | EA | 13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 36,033.65 | 833.13 |
| 08 33 23 13-0880 | EA | 13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 37,044.24 | 847.73 |
| **08 33 23 13-0881** | | **14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)* | | |
| 08 33 23 13-0882 | EA | 14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 32,449.88 | 774.72 |
| 08 33 23 13-0883 | EA | 14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 33,090.62 | 789.33 |
| 08 33 23 13-0884 | EA | 14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 33,731.34 | 803.93 |
| 08 33 23 13-0885 | EA | 14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 34,712.35 | 818.53 |
| 08 33 23 13-0886 | EA | 14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 35,693.36 | 833.13 |
| 08 33 23 13-0887 | EA | 14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 36,674.37 | 847.73 |
| 08 33 23 13-0888 | EA | 14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®) | 37,684.97 | 862.33 |
| **08 33 23 13-0889** | | **Rytec® Spiral® Door Options** *(08 33 23 13-0560)* | | |
| 08 33 23 13-0890 | EA | Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors<br>Note: Per door price. | 371.01 | |
| 08 33 23 13-0891 | EA | Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors<br>Note: Maximum of 4 per door. | 251.15 | |
| 08 33 23 13-0892 | EA | >13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors<br>Note: Maximum of 4 per door. | 371.01 | |
| 08 33 23 13-0893 | EA | Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors<br>Note: Maximum of 4 per door. | 251.15 | |
| 08 33 23 13-0894 | EA | >13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors<br>Note: Maximum of 4 per door. | 371.01 | |
| 08 33 23 13-0895 | EA | Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors | 702.35 | 42.94 |
| 08 33 23 13-0896 | EA | Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors | 2,021.15 | 85.89 |
| 08 33 23 13-0897 | EA | >13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors | 3,625.07 | 85.89 |
| 08 33 23 13-0898 | EA | >16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors | 4,121.66 | 85.89 |
| 08 33 23 13-0899 | EA | Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors | 431.52 | |
| **08 33 23 13-0900** | | **Activation And Control Box Options For High Speed Doors** *(08 33 23 13)* | | |
| 08 33 23 13-0901 | EA | Pull Cord For High-Speed Rolling Doors | 177.22 | 42.94 |
| 08 33 23 13-0902 | EA | Emergency Stop, Pushbutton Control For High-Speed Rolling Doors | 134.27 | 21.47 |
| 08 33 23 13-0903 | EA | NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors | 168.51 | 21.47 |
| 08 33 23 13-0904 | EA | On/Off Selector Switch, Remote Control For High-Speed Rolling Doors | 117.14 | 21.47 |
| 08 33 23 13-0905 | EA | On/Off Key Switch, Remote Control For High-Speed Rolling Doors | 179.93 | 21.47 |
| 08 33 23 13-0906 | EA | Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors | 294.09 | 21.47 |
| 08 33 23 13-0907 | EA | Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors | 322.63 | 21.47 |
| 08 33 23 13-0908 | EA | Radio Control For High-Speed Rolling Doors<br>Note: Includes one receiver and two transmitters. | 499.84 | 38.65 |
| 08 33 23 13-0909 | EA | Floor Loop For High-Speed Rolling Doors<br>Note: Excludes sealant. | 671.62 | |
| 08 33 23 13-0910 | EA | Reflective Type Photo Eye For High-Speed Rolling Doors | 431.01 | 38.65 |
| 08 33 23 13-0911 | EA | Thru-Beam Type Photo Eye For High-Speed Rolling Doors | 562.63 | 38.65 |
| 08 33 23 13-0912 | EA | Motion Detector For High-Speed Rolling Doors | 485.33 | 25.77 |
| 08 33 23 13-0913 | EA | Remote Warning Horn For High-Speed Rolling Doors<br>Note: Includes wall box and mounting hardware. | 337.04 | 42.94 |
| 08 33 23 13-0914 | EA | Remote Strobe Light For High-Speed Rolling Doors<br>Note: Includes wall box and mounting hardware. | 456.90 | 42.94 |
| 08 33 23 13-0915 | EA | Remote Warning Horn And Strobe Light For High-Speed Rolling Doors<br>Note: Includes wall box and mounting hardware. | 519.69 | 42.94 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 23 13-0916 | EA | Red And Green Red Light For High-Speed Rolling Doors<br>Note: Includes mounting hardware. | 645.27 | 42.94 |

## 08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0857 for forklift.

### 08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*

| | | | | |
|---|---|---|---|---|
| 08 33 26 00-0002 | EA | 4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 2,417.38 | 201.98 |
| | | *For Lexan Lattice Pattern, Add* | *276.11* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *190.97* | |
| | | *For Staggered Brick Pattern, Add* | *258.51* | |
| 08 33 26 00-0003 | EA | 6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 2,745.82 | 201.98 |
| | | *For Lexan Lattice Pattern, Add* | *325.38* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *286.47* | |
| | | *For Staggered Brick Pattern, Add* | *350.10* | |
| 08 33 26 00-0004 | EA | 8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 3,302.38 | 252.48 |
| | | *For Lexan Lattice Pattern, Add* | *387.05* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *381.95* | |
| | | *For Staggered Brick Pattern, Add* | *441.69* | |
| 08 33 26 00-0005 | EA | 12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 3,776.05 | 252.48 |
| | | *For Lexan Lattice Pattern, Add* | *458.10* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *436.11* | |
| | | *For Staggered Brick Pattern, Add* | *624.87* | |
| 08 33 26 00-0006 | EA | 16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 5,185.00 | 403.97 |
| | | *For Lexan Lattice Pattern, Add* | *604.34* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *763.89* | |
| | | *For Staggered Brick Pattern, Add* | *881.22* | |
| 08 33 26 00-0007 | EA | 20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 6,443.79 | 504.96 |
| | | *For Lexan Lattice Pattern, Add* | *750.59* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *954.86* | |
| | | *For Staggered Brick Pattern, Add* | *1,137.55* | |
| 08 33 26 00-0008 | EA | 24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 8,129.48 | 605.94 |
| | | *For Lexan Lattice Pattern, Add* | *959.94* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,145.84* | |
| | | *For Staggered Brick Pattern, Add* | *1,279.60* | |
| 08 33 26 00-0009 | EA | 30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 9,911.34 | 740.60 |
| | | *For Lexan Lattice Pattern, Add* | *1,170.31* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,327.14* | |
| | | *For Staggered Brick Pattern, Add* | *1,395.57* | |
| 08 33 26 00-0010 | EA | 4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 2,655.44 | 201.98 |
| | | *For Lexan Lattice Pattern, Add* | *311.82* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *238.71* | |
| | | *For Staggered Brick Pattern, Add* | *307.12* | |
| 08 33 26 00-0011 | EA | 6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 3,090.73 | 201.98 |
| | | *For Lexan Lattice Pattern, Add* | *377.12* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *358.06* | |
| | | *For Staggered Brick Pattern, Add* | *436.12* | |
| 08 33 26 00-0012 | EA | 8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 3,684.95 | 252.48 |
| | | *For Lexan Lattice Pattern, Add* | *444.75* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *477.44* | |
| | | *For Staggered Brick Pattern, Add* | *565.13* | |
| 08 33 26 00-0013 | EA | 12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 4,278.16 | 252.48 |
| | | *For Lexan Lattice Pattern, Add* | *533.73* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *716.15* | |
| | | *For Staggered Brick Pattern, Add* | *823.14* | |
| 08 33 26 00-0014 | EA | 16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 5,844.30 | 403.97 |
| | | *For Lexan Lattice Pattern, Add* | *703.24* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *954.86* | |
| | | *For Staggered Brick Pattern, Add* | *1,135.00* | |
| 08 33 26 00-0015 | EA | 20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 7,258.12 | 504.96 |
| | | *For Lexan Lattice Pattern, Add* | *872.74* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,193.58* | |
| | | *For Staggered Brick Pattern, Add* | *1,446.84* | |
| 08 33 26 00-0016 | EA | 24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 9,113.37 | 605.94 |
| | | *For Lexan Lattice Pattern, Add* | *1,107.52* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,432.47* | |
| | | *For Staggered Brick Pattern, Add* | *1,675.56* | |
| 08 33 26 00-0017 | EA | 30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 11,430.57 | 740.60 |
| | | *For Lexan Lattice Pattern, Add* | *1,398.20* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,677.21* | |
| | | *For Staggered Brick Pattern, Add* | *1,877.00* | |
| 08 33 26 00-0018 | EA | 4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 2,928.05 | 201.98 |
| | | *For Lexan Lattice Pattern, Add* | *352.71* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *286.47* | |
| | | *For Staggered Brick Pattern, Add* | *355.01* | |
| 08 33 26 00-0019 | EA | 6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 3,006.96 | 201.98 |
| | | *For Lexan Lattice Pattern, Add* | *364.55* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *429.68* | |
| | | *For Staggered Brick Pattern, Add* | *520.70* | |
| 08 33 26 00-0020 | EA | 8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 3,660.74 | 252.48 |
| | | *For Lexan Lattice Pattern, Add* | *440.80* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *572.90* | |
| | | *For Staggered Brick Pattern, Add* | *686.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 26 00-0021 | EA | 12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 4,846.96 | 252.48 |
| | | *For Lexan Lattice Pattern, Add* | *618.73* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *859.34* | |
| | | *For Staggered Brick Pattern, Add* | *1,017.75* | |
| 08 33 26 00-0022 | EA | 16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 6,776.30 | 403.97 |
| | | *For Lexan Lattice Pattern, Add* | *843.04* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,145.82* | |
| | | *For Staggered Brick Pattern, Add* | *1,414.97* | |
| 08 33 26 00-0023 | EA | 20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 8,555.48 | 504.96 |
| | | *For Lexan Lattice Pattern, Add* | *1,067.34* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,432.29* | |
| | | *For Staggered Brick Pattern, Add* | *1,812.18* | |
| 08 33 26 00-0024 | EA | 24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 10,374.17 | 605.94 |
| | | *For Lexan Lattice Pattern, Add* | *1,296.64* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,718.75* | |
| | | *For Staggered Brick Pattern, Add* | *1,916.14* | |
| 08 33 26 00-0025 | EA | 30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 12,931.58 | 740.60 |
| | | *For Lexan Lattice Pattern, Add* | *1,623.35* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,991.78* | |
| | | *For Staggered Brick Pattern, Add* | *2,087.65* | |
| 08 33 26 00-0026 | EA | 4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 3,415.64 | 201.98 |
| | | *For Lexan Lattice Pattern, Add* | *425.85* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *334.07* | |
| | | *For Staggered Brick Pattern, Add* | *656.64* | |
| 08 33 26 00-0027 | EA | 6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 3,948.00 | 201.98 |
| | | *For Lexan Lattice Pattern, Add* | *505.71* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *501.22* | |
| | | *For Staggered Brick Pattern, Add* | *806.27* | |
| 08 33 26 00-0028 | EA | 8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 4,629.51 | 252.48 |
| | | *For Lexan Lattice Pattern, Add* | *586.44* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *668.34* | |
| | | *For Staggered Brick Pattern, Add* | *938.84* | |
| 08 33 26 00-0029 | EA | 12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 5,747.82 | 252.48 |
| | | *For Lexan Lattice Pattern, Add* | *754.18* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,002.60* | |
| | | *For Staggered Brick Pattern, Add* | *1,190.51* | |
| 08 33 26 00-0030 | EA | 16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 7,706.19 | 403.97 |
| | | *For Lexan Lattice Pattern, Add* | *982.52* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,336.81* | |
| | | *For Staggered Brick Pattern, Add* | *1,592.69* | |
| 08 33 26 00-0031 | EA | 20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 9,512.26 | 504.96 |
| | | *For Lexan Lattice Pattern, Add* | *1,210.86* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,671.00* | |
| | | *For Staggered Brick Pattern, Add* | *1,994.87* | |
| 08 33 26 00-0032 | EA | 24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 11,367.55 | 605.94 |
| | | *For Lexan Lattice Pattern, Add* | *1,445.65* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *2,005.21* | |
| | | *For Staggered Brick Pattern, Add* | *2,262.40* | |
| 08 33 26 00-0033 | EA | 30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift | 14,549.91 | 740.60 |
| | | *For Lexan Lattice Pattern, Add* | *1,866.10* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *2,367.17* | |
| | | *For Staggered Brick Pattern, Add* | *2,584.90* | |

### 08 33 26 00-0034 Coiling Grilles Accessories *(08 33 26)*

| | | | | |
|---|---|---|---|---|
| 08 33 26 00-0035 | LF | For Overhead Framed Rolling Grille Supports | 119.03 | |

## 08 33 36 Side Coiling Grilles *(08 33)*

### 08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

| | | | | |
|---|---|---|---|---|
| 08 33 36 00-0002 | EA | 12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated | 4,065.09 | 564.78 |
| | | *For Lexan Lattice Pattern, Add* | *367.69* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *572.92* | |
| | | *For Staggered Brick Pattern, Add* | *624.87* | |
| 08 33 36 00-0003 | EA | 18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated | 5,672.03 | 725.50 |
| | | *For Lexan Lattice Pattern, Add* | *539.87* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *878.80* | |
| | | *For Staggered Brick Pattern, Add* | *1,000.84* | |
| 08 33 36 00-0004 | EA | 24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated | 7,340.87 | 914.78 |
| | | *For Lexan Lattice Pattern, Add* | *709.08* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,145.84* | |
| | | *For Staggered Brick Pattern, Add* | *1,279.60* | |
| 08 33 36 00-0005 | EA | 30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated | 8,795.66 | 1,009.91 |
| | | *For Lexan Lattice Pattern, Add* | *886.36* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,327.14* | |
| | | *For Staggered Brick Pattern, Add* | *1,395.57* | |
| 08 33 36 00-0006 | EA | 12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated | 4,901.70 | 643.94 |
| | | *For Lexan Lattice Pattern, Add* | *459.29* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *716.15* | |
| | | *For Staggered Brick Pattern, Add* | *823.14* | |
| 08 33 36 00-0007 | EA | 18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated | 6,865.97 | 827.07 |
| | | *For Lexan Lattice Pattern, Add* | *675.24* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,054.70* | |
| | | *For Staggered Brick Pattern, Add* | *1,249.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 33 36 00-0008 | EA | 24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated | 8,781.22 | 1,042.52 |
| | | *For Lexan Lattice Pattern, Add* | *870.24* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,432.47* | |
| | | *For Staggered Brick Pattern, Add* | *1,675.56* | |
| 08 33 36 00-0009 | EA | 30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated | 10,687.10 | 1,151.30 |
| | | *For Lexan Lattice Pattern, Add* | *1,107.62* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,677.21* | |
| | | *For Staggered Brick Pattern, Add* | *1,877.00* | |
| 08 33 36 00-0010 | EA | 12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated | 5,748.31 | 725.50 |
| | | *For Lexan Lattice Pattern, Add* | *551.31* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *859.34* | |
| | | *For Staggered Brick Pattern, Add* | *1,017.75* | |
| 08 33 36 00-0011 | EA | 18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated | 8,065.07 | 931.82 |
| | | *For Lexan Lattice Pattern, Add* | *809.00* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,268.84* | |
| | | *For Staggered Brick Pattern, Add* | *1,551.81* | |
| 08 33 36 00-0012 | EA | 24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated | 10,430.50 | 1,174.87 |
| | | *For Lexan Lattice Pattern, Add* | *1,063.63* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,718.75* | |
| | | *For Staggered Brick Pattern, Add* | *1,916.14* | |
| 08 33 36 00-0013 | EA | 30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated | 12,568.56 | 1,296.05 |
| | | *For Lexan Lattice Pattern, Add* | *1,329.53* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,991.78* | |
| | | *For Staggered Brick Pattern, Add* | *2,087.65* | |
| 08 33 36 00-0014 | EA | 12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated | 6,587.53 | 802.16 |
| | | *For Lexan Lattice Pattern, Add* | *644.62* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,002.60* | |
| | | *For Staggered Brick Pattern, Add* | *1,190.51* | |
| 08 33 36 00-0015 | EA | 18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated | 9,264.40 | 1,030.11 |
| | | *For Lexan Lattice Pattern, Add* | *944.37* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *1,450.13* | |
| | | *For Staggered Brick Pattern, Add* | *1,724.17* | |
| 08 33 36 00-0016 | EA | 24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated | 11,971.97 | 1,298.74 |
| | | *For Lexan Lattice Pattern, Add* | *1,240.90* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *2,005.21* | |
| | | *For Staggered Brick Pattern, Add* | *2,262.40* | |
| 08 33 36 00-0017 | EA | 30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated | 14,431.78 | 1,434.07 |
| | | *For Lexan Lattice Pattern, Add* | *1,550.32* | |
| | | *For Aluminum With Clear Or Anodized Bronze Finish, Add* | *2,367.17* | |
| | | *For Staggered Brick Pattern, Add* | *2,584.90* | |

### 08 33 43 Overhead Coiling Smoke Curtains *(08 33)*

#### 08 33 43 00-0001 Elevator Smoke Guard *(08 33 43)*

| | | | | |
|---|---|---|---|---|
| 08 33 43 00-0002 | EA | Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400) | 13,196.97 | 564.78 |
| 08 33 43 00-0003 | EA | Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400) | 13,687.32 | 564.78 |
| 08 33 43 00-0004 | EA | Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400) | 14,177.67 | 564.78 |

## 08 34 Special Function Doors *(08 30)*

### 08 34 13 Cold Storage Doors *(08 34)*

#### 08 34 13 00-0001 Vertical Sliding Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

| | | | | |
|---|---|---|---|---|
| 08 34 13 00-0002 | EA | 7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane | 6,898.71 | 915.01 |
| | | *For Adjusting Height Of Door To Fit Opening <7' Height, Add* | *456.61* | |
| 08 34 13 00-0003 | EA | 7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane | 8,848.47 | 1,161.62 |
| | | *For Adjusting Height Of Door To Fit Opening <7' Height, Add* | *580.81* | |

#### 08 34 13 00-0004 Horizontal Sliding Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

| | | | | |
|---|---|---|---|---|
| 08 34 13 00-0005 | EA | 6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane | 5,541.06 | 730.78 |
| 08 34 13 00-0006 | EA | 7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane | 6,245.26 | 824.05 |
| 08 34 13 00-0007 | EA | 7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane | 8,075.35 | 1,085.99 |
| 08 34 13 00-0008 | EA | 5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane | 4,834.47 | 663.97 |

#### 08 34 13 00-0009 Swinging Horizontal Hinged Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

| | | | | |
|---|---|---|---|---|
| 08 34 13 00-0010 | EA | 3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane | 2,784.09 | 431.89 |

### 08 34 16 Hangar Doors *(08 34)*

| | | | | |
|---|---|---|---|---|
| 08 34 16 00-0001 | SF | 70' To 120' Wide X To 20' High Hanger Door 25' Panels<br>Note: Includes motorized opener and special hardware. | 79.86 | 15.93 |
| 08 34 16 00-0002 | SF | 120' To 180' Wide X To 20' High Hanger Door 25' Panels<br>Note: Includes motorized opener and special hardware. | 70.60 | 15.93 |
| 08 34 16 00-0003 | SF | 120' To 180' Wide X 20-40' High Hanger Door 25' Panels<br>Note: Includes motorized opener and special hardware. | 76.42 | 3.41 |
| 08 34 16 00-0004 | SF | 120' To 180' Wide X 40-60' High Hanger Door 25' Panels<br>Note: Includes motorized opener and special hardware. | 83.68 | 2.28 |
| 08 34 16 00-0005 | SF | 120' To 180' Wide X 60-80' High Hanger Door 25' Panels<br>Note: Includes motorized opener and special hardware. | 90.33 | 2.28 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 34 16 00-0006 | SF | 120' To 180' Wide x >80' High Hanger Door 25' Panels<br>Note: Includes motorized opener and special hardware. | 144.38 | 2.28 |
| **08 34 19** | | **Industrial Doors** *(08 34)* | | |
| 08 34 19 00-0001 | | Telescoping Door *(08 34 19)* | | |
| 08 34 19 00-0002 | SF | Telescoping Door, Without Frame, Manually Operated | 119.94 | 15.87 |
| **08 34 23** | | **Sidewalk and Basement Doors** *(08 34)* | | |
| 08 34 23 00-0001 | | Drainage Doors *(08 34 23)* | | |
| 08 34 23 00-0002 | | Single Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*<br>Note: Bilco - J Series. | | |
| 08 34 23 00-0003 | EA | 2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 1,089.15 | 152.97 |
| 08 34 23 00-0004 | EA | 2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 1,345.13 | 159.84 |
| 08 34 23 00-0005 | EA | 3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 1,429.74 | 163.27 |
| 08 34 23 00-0006 | EA | 3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 1,579.40 | 166.71 |
| 08 34 23 00-0007 | EA | 3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 1,845.17 | 175.30 |
| 08 34 23 00-0008 | EA | 2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 1,882.52 | 171.26 |
| 08 34 23 00-0009 | EA | 3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 2,098.06 | 175.30 |
| 08 34 23 00-0010 | EA | 2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 2,190.78 | 179.34 |
| 08 34 23 00-0011 | EA | 3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 2,406.34 | 183.37 |
| 08 34 23 00-0012 | EA | 3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 2,797.52 | 193.68 |
| 08 34 23 00-0013 | | Double Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*<br>Note: Bilco - JD Series. | | |
| 08 34 23 00-0014 | EA | 4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 2,243.79 | 171.26 |
| 08 34 23 00-0015 | EA | 4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 2,355.76 | 183.37 |
| 08 34 23 00-0016 | EA | 4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 2,993.62 | 203.99 |
| 08 34 23 00-0017 | EA | 5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door | 3,080.32 | 203.99 |
| 08 34 23 00-0018 | | Single Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*<br>Note: Bilco - J H2O Series. | | |
| 08 34 23 00-0019 | EA | 2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 1,761.10 | 152.97 |
| 08 34 23 00-0020 | EA | 2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 2,060.44 | 159.84 |
| 08 34 23 00-0021 | EA | 3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 2,246.23 | 163.27 |
| 08 34 23 00-0022 | EA | 3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 2,547.63 | 166.71 |
| 08 34 23 00-0023 | EA | 3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 2,950.68 | 175.30 |
| 08 34 23 00-0024 | | Double Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*<br>Note: Bilco - JD H2O Series. | | |
| 08 34 23 00-0025 | EA | 4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 2,951.88 | 171.26 |
| 08 34 23 00-0026 | EA | 4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 3,959.79 | 183.37 |
| 08 34 23 00-0027 | EA | 4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 5,645.32 | 203.99 |
| 08 34 23 00-0028 | EA | 5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door | 5,312.96 | 203.99 |
| 08 34 23 00-0029 | | Single Leaf Steel Drainage Doors *(08 34 23 00-0001)*<br>Note: Bilco - J Series. | | |
| 08 34 23 00-0030 | EA | 2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door | 1,587.96 | 152.97 |
| 08 34 23 00-0031 | EA | 2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 1,668.72 | 159.84 |
| 08 34 23 00-0032 | EA | 3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 1,865.07 | 163.27 |
| 08 34 23 00-0033 | EA | 3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 2,071.51 | 166.71 |
| 08 34 23 00-0034 | EA | 3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 2,416.49 | 175.30 |
| 08 34 23 00-0035 | EA | 2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 2,299.79 | 171.26 |
| 08 34 23 00-0036 | EA | 3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 2,627.84 | 175.30 |
| 08 34 23 00-0037 | EA | 2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 2,613.73 | 179.34 |
| 08 34 23 00-0038 | EA | 3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 2,921.67 | 183.37 |
| 08 34 23 00-0039 | EA | 3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 3,118.28 | 193.68 |
| 08 34 23 00-0040 | | Double Leaf Steel Drainage Doors *(08 34 23 00-0001)*<br>Note: Bilco - JD Series. | | |
| 08 34 23 00-0041 | EA | 4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 2,843.24 | 171.26 |
| 08 34 23 00-0042 | EA | 4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 2,982.05 | 183.37 |
| 08 34 23 00-0043 | EA | 4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 3,727.52 | 203.99 |
| 08 34 23 00-0044 | EA | 5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door | 3,838.22 | 203.99 |
| 08 34 23 00-0045 | | Single Leaf Steel H2O Drainage Doors *(08 34 23 00-0001)*<br>Note: Bilco - J H2O Series. | | |
| 08 34 23 00-0046 | EA | 2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 2,755.37 | 152.97 |
| 08 34 23 00-0047 | EA | 2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 2,916.65 | 159.84 |
| 08 34 23 00-0048 | EA | 3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 3,022.45 | 163.27 |
| 08 34 23 00-0049 | EA | 3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 3,571.06 | 166.71 |
| 08 34 23 00-0050 | EA | 3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 4,217.96 | 175.30 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 34 23 00-0051** | | **Double Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - JD H2O Series. | | |
| 08 34 23 00-0052 | EA | 4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 4,654.74 | 171.26 |
| 08 34 23 00-0053 | EA | 4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 5,206.17 | 183.37 |
| 08 34 23 00-0054 | EA | 4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 7,763.14 | 203.99 |
| 08 34 23 00-0055 | EA | 5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door | 7,561.86 | 203.99 |
| **08 34 23 00-0056** | | **Single Leaf Aluminum Drainage Door** *(08 34 23 00-0001)* Note: Bilco - J-R (Odor Resistant). | | |
| 08 34 23 00-0057 | EA | 2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant | 1,908.51 | 152.97 |
| 08 34 23 00-0058 | EA | 2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant | 2,288.09 | 159.84 |
| 08 34 23 00-0059 | EA | 3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant | 2,433.38 | 163.27 |
| 08 34 23 00-0060 | EA | 3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant | 2,581.39 | 166.71 |
| 08 34 23 00-0061 | EA | 3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant | 2,933.88 | 175.30 |
| **08 34 23 00-0062** | | **Non-Drainage Doors** *(08 34 23)* | | |
| **08 34 23 00-0063** | | **Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - Q Series. | | |
| 08 34 23 00-0064 | EA | 2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door (Bilco Q-1AL) | 1,045.86 | 152.97 |
| 08 34 23 00-0065 | EA | 2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,272.88 | 159.84 |
| 08 34 23 00-0066 | EA | 3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,364.77 | 163.27 |
| 08 34 23 00-0067 | EA | 3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,420.48 | 166.71 |
| 08 34 23 00-0068 | EA | 3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,794.59 | 175.30 |
| 08 34 23 00-0069 | EA | 2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,615.22 | 171.26 |
| 08 34 23 00-0070 | EA | 3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,809.04 | 175.30 |
| 08 34 23 00-0071 | EA | 2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 2,031.73 | 179.34 |
| 08 34 23 00-0072 | EA | 3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 2,153.52 | 183.37 |
| 08 34 23 00-0073 | EA | 3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 2,450.94 | 193.68 |
| **08 34 23 00-0074** | | **Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - K Series. | | |
| 08 34 23 00-0075 | EA | 2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 850.78 | 152.97 |
| 08 34 23 00-0076 | EA | 2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,027.21 | 159.84 |
| 08 34 23 00-0077 | EA | 3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,140.78 | 163.27 |
| 08 34 23 00-0078 | EA | 3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,218.17 | 166.71 |
| 08 34 23 00-0079 | EA | 3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,418.88 | 175.30 |
| **08 34 23 00-0080** | | **Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - QD Series. | | |
| 08 34 23 00-0081 | EA | 4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 2,063.19 | 171.26 |
| **08 34 23 00-0082** | | **Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - KD Series. | | |
| 08 34 23 00-0083 | EA | 4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 1,972.89 | 183.37 |
| 08 34 23 00-0084 | EA | 4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 2,784.18 | 203.99 |
| 08 34 23 00-0085 | EA | 5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 2,841.98 | 203.99 |
| **08 34 23 00-0086** | | **Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - T Series. | | |
| 08 34 23 00-0087 | EA | 2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering | 937.48 | 152.97 |
| 08 34 23 00-0088 | EA | 2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering | 1,099.47 | 159.84 |
| 08 34 23 00-0089 | EA | 3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering | 1,176.91 | 163.27 |
| 08 34 23 00-0090 | EA | 3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering | 1,290.42 | 166.71 |
| 08 34 23 00-0091 | EA | 3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering | 1,512.81 | 175.30 |
| **08 34 23 00-0092** | | **Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - TD Series. | | |
| 08 34 23 00-0093 | EA | 4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering | 2,095.72 | 183.37 |
| 08 34 23 00-0094 | EA | 4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering | 2,935.91 | 203.99 |
| 08 34 23 00-0095 | EA | 5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering | 2,979.26 | 203.99 |
| **08 34 23 00-0096** | | **Single Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - Q Series. | | |
| 08 34 23 00-0097 | EA | 2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door | 1,064.70 | 152.97 |
| 08 34 23 00-0098 | EA | 2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door | 1,195.72 | 159.84 |
| 08 34 23 00-0099 | EA | 3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door | 1,351.87 | 163.27 |
| 08 34 23 00-0100 | EA | 3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door | 1,437.51 | 166.71 |
| **08 34 23 00-0101** | | **Double Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - QD Series. | | |
| 08 34 23 00-0102 | EA | 4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door | 2,209.22 | 171.26 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 34 23 00-0103** | | **Basement Doors** *(08 34 23)*<br>Note: 12 gauge primed steel, center opening, includes assembly and installation hardware. | | |
| 08 34 23 00-0104 | EA | 45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series) | 1,421.05 | 193.25 |
| 08 34 23 00-0105 | EA | 30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series) | 1,208.69 | 146.44 |
| 08 34 23 00-0106 | EA | 22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series) | 1,251.99 | 161.04 |
| 08 34 23 00-0107 | EA | 19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series) | 1,337.91 | 171.78 |
| 08 34 23 00-0108 | EA | 52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series) | 1,479.46 | 193.25 |
| **08 34 53** | | **Security Doors and Frames** *(08 34)* | | |
| **08 34 53 00-0001** | | **Metal Security Doors, Bullet Resistant** *(08 34 53)*<br>Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed. | | |
| 08 34 53 00-0002 | SF | Metal Security Door | 68.27 | 7.89 |
| 08 34 53 00-0003 | EA | Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door | 2,798.67 | 393.86 |
| 08 34 53 00-0004 | EA | Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door | 3,320.40 | 418.10 |
| **08 34 53 00-0005** | | **Metal Security Doors** *(08 34 53)*<br>Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish. | | |
| 08 34 53 00-0006 | EA | Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O)<br>Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate. | 949.36 | 72.13 |
| 08 34 53 00-0007 | EA | Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O)<br>Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel. | 949.36 | 72.13 |
| 08 34 53 00-0008 | EA | Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O)<br>Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel. | 1,351.92 | 72.13 |
| **08 34 56** | | **Security Gates** *(08 34)* | | |
| **08 34 56 00-0001** | | **Pivoting Double Folding Gate** *(08 34 56)*<br>Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock. | | |
| 08 34 56 00-0002 | EA | 6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 991.60 | 163.69 |
| 08 34 56 00-0003 | EA | 8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,113.03 | 184.15 |
| 08 34 56 00-0004 | EA | 8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate | 1,194.20 | 204.62 |
| 08 34 56 00-0005 | EA | 8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate | 1,315.62 | 225.07 |
| 08 34 56 00-0006 | EA | 10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,136.46 | 165.73 |
| 08 34 56 00-0007 | EA | 10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate | 1,217.82 | 186.20 |
| 08 34 56 00-0008 | EA | 10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,335.10 | 206.66 |
| 08 34 56 00-0009 | EA | 10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate | 1,420.82 | 227.12 |
| 08 34 56 00-0010 | EA | 12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate | 1,200.93 | 167.78 |
| 08 34 56 00-0011 | EA | 12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,282.05 | 188.24 |
| 08 34 56 00-0012 | EA | 12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate | 1,352.89 | 198.47 |
| 08 34 56 00-0013 | EA | 12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,423.96 | 208.71 |
| 08 34 56 00-0014 | EA | 12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate | 1,515.22 | 229.16 |
| 08 34 56 00-0015 | EA | 14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate | 1,325.86 | 169.82 |
| 08 34 56 00-0016 | EA | 14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,406.75 | 190.29 |
| 08 34 56 00-0017 | EA | 14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate | 1,487.60 | 200.52 |
| 08 34 56 00-0018 | EA | 14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,589.29 | 210.75 |
| 08 34 56 00-0019 | EA | 14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate | 1,730.45 | 231.21 |
| 08 34 56 00-0020 | EA | 16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate | 1,515.32 | 173.92 |
| 08 34 56 00-0021 | EA | 16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,620.34 | 196.42 |
| 08 34 56 00-0022 | EA | 16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate | 1,745.47 | 208.71 |
| 08 34 56 00-0023 | EA | 16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate | 1,819.01 | 214.84 |
| **08 34 56 00-0024** | | **Pivoting Single Folding Gate** *(08 34 56)*<br>Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock. | | |
| 08 34 56 00-0025 | EA | 5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate | 671.98 | 114.58 |
| 08 34 56 00-0026 | EA | 5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate | 720.42 | 118.67 |
| 08 34 56 00-0027 | EA | 5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate | 768.86 | 122.76 |
| 08 34 56 00-0028 | EA | 5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate | 825.51 | 130.95 |
| 08 34 56 00-0029 | EA | 5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate | 862.00 | 139.13 |
| 08 34 56 00-0030 | EA | 6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate | 720.30 | 118.67 |
| 08 34 56 00-0031 | EA | 6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate | 768.91 | 122.76 |
| 08 34 56 00-0032 | EA | 6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate | 817.36 | 126.86 |
| 08 34 56 00-0033 | EA | 6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate | 873.94 | 135.04 |
| 08 34 56 00-0034 | EA | 6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate | 910.63 | 143.23 |
| 08 34 56 00-0035 | EA | 7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate | 788.86 | 122.76 |
| 08 34 56 00-0036 | EA | 7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate | 837.49 | 126.86 |
| 08 34 56 00-0037 | EA | 7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate | 885.87 | 130.95 |
| 08 34 56 00-0038 | EA | 7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate | 942.60 | 139.13 |
| 08 34 56 00-0039 | EA | 7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate | 999.40 | 147.32 |
| **08 34 56 00-0040** | | **Window Gates, Expands From 2' To 4'** *(08 34 56)*<br>Note: Includes padlock hasp and galvanized finish. Excludes padlock. | | |
| 08 34 56 00-0041 | EA | 33" High Window Gate, Up To 4' Wide Opening | 273.76 | 45.02 |
| 08 34 56 00-0042 | EA | 37" High Window Gate, Up To 4' Wide Opening | 281.96 | 49.11 |
| 08 34 56 00-0043 | EA | 40" High Window Gate, Up To 4' Wide Opening | 281.96 | 49.11 |
| 08 34 56 00-0044 | EA | 43" High Window Gate, Up To 4' Wide Opening | 290.93 | 53.20 |
| 08 34 56 00-0045 | EA | 46" High Window Gate, Up To 4' Wide Opening | 290.93 | 53.20 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 34 56 00-0046 | EA | 49" High Window Gate, Up To 4' Wide Opening | 299.11 | 57.29 |
| 08 34 56 00-0047 | EA | 51" High Window Gate, Up To 4' Wide Opening | 299.12 | 57.29 |
| 08 34 56 00-0048 | EA | 53" High Window Gate, Up To 4' Wide Opening | 307.29 | 61.38 |
| 08 34 56 00-0049 | EA | 55" High Window Gate, Up To 4' Wide Opening | 307.29 | 61.38 |
| 08 34 56 00-0050 | EA | 57" High Window Gate, Up To 4' Wide Opening | 315.48 | 65.47 |
| 08 34 56 00-0051 | EA | 59" High Window Gate, Up To 4' Wide Opening | 315.48 | 65.47 |

08 34 56 00-0052 Pivoting Door Gate, Expands From 2' To 4' *(08 34 56)*
Note: Includes padlock hasp and galvanized finish. Excludes padlock.

| | | | | |
|---|---|---|---|---|
| 08 34 56 00-0053 | EA | 61" High Pivoting Door Gate, Up To 4' Wide Opening | 323.67 | 69.57 |
| 08 34 56 00-0054 | EA | 63" High Pivoting Door Gate, Up To 4' Wide Opening | 326.13 | 69.57 |
| 08 34 56 00-0055 | EA | 66" High Pivoting Door Gate, Up To 4' Wide Opening | 337.57 | 73.66 |
| 08 34 56 00-0056 | EA | 71" High Pivoting Door Gate, Up To 4' Wide Opening | 349.01 | 77.75 |
| 08 34 56 00-0057 | EA | 73" High Pivoting Door Gate, Up To 4' Wide Opening | 352.27 | 77.75 |
| 08 34 56 00-0058 | EA | 76" High Pivoting Door Gate, Up To 4' Wide Opening | 363.72 | 81.84 |
| 08 34 56 00-0059 | EA | 79" High Pivoting Door Gate, Up To 4' Wide Opening | 366.98 | 81.84 |
| 08 34 56 00-0060 | EA | 81" High Pivoting Door Gate, Up To 4' Wide Opening | 377.42 | 85.94 |
| 08 34 56 00-0061 | EA | 83" High Pivoting Door Gate, Up To 4' Wide Opening | 381.68 | 85.94 |

## 08 34 73 Sound Control Door Assemblies *(08 34)*

### 08 34 73 13 Metal Sound Control Door Assemblies *(08 34 73)*

08 34 73 13-0001 Steel Acoustical Door Assembly *(08 34 73 13)*
Note: Includes seal.

08 34 73 13-0002 Steel Acoustical Doors *(08 34 73 13-0001)*
Note: Includes hinges.

| | | | | |
|---|---|---|---|---|
| 08 34 73 13-0003 | EA | 3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated) | 3,250.27 | 51.53 |
| | | *For 60 Minutes Fire Rated, Add* | *190.10* | |
| | | *For 3" x 33" Vision Lite, Add* | *1,320.95* | |
| | | *For 20" x 64" Vision Lite, Add* | *1,413.57* | |
| 08 34 73 13-0004 | EA | 3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated) | 3,444.67 | 53.68 |
| | | *For 60 Minutes Fire Rated, Add* | *190.10* | |
| | | *For 3" x 33" Vision Lite, Add* | *1,320.95* | |
| | | *For 20" x 64" Vision Lite, Add* | *1,413.57* | |
| 08 34 73 13-0005 | EA | 4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated) | 3,643.36 | 57.98 |
| | | *For 60 Minutes Fire Rated, Add* | *190.10* | |
| | | *For 3" x 33" Vision Lite, Add* | *1,320.95* | |
| | | *For 20" x 64" Vision Lite, Add* | *1,413.57* | |
| 08 34 73 13-0006 | PR | Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated) | 6,490.25 | 97.92 |
| | | *For 1 Hour Fire Rated, Add* | *380.20* | |
| | | *For 3" x 33" Windows, Add* | *2,641.91* | |
| | | *For 20" x 64" Windows, Add* | *2,827.13* | |

08 34 73 13-0007 Steel Acoustical Door Frames *(08 34 73 13-0001)*

| | | | | |
|---|---|---|---|---|
| 08 34 73 13-0008 | EA | 3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 2,638.21 | 85.89 |
| 08 34 73 13-0009 | EA | 3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 2,708.07 | 85.89 |
| 08 34 73 13-0010 | EA | 3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 2,777.94 | 85.89 |
| 08 34 73 13-0011 | EA | 3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 2,847.81 | 85.89 |
| 08 34 73 13-0012 | EA | 3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 3,019.34 | 94.48 |
| 08 34 73 13-0013 | EA | 3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 3,097.33 | 94.48 |
| 08 34 73 13-0014 | EA | 3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 3,167.20 | 94.48 |
| 08 34 73 13-0015 | EA | 3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 3,253.85 | 94.48 |
| 08 34 73 13-0016 | EA | 4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 3,409.76 | 98.77 |
| 08 34 73 13-0017 | EA | 4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 3,479.62 | 98.77 |
| 08 34 73 13-0018 | EA | 4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 3,549.49 | 98.77 |
| 08 34 73 13-0019 | EA | 4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame | 3,627.48 | 98.77 |
| 08 34 73 13-0020 | EA | 6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion | 6,069.30 | 111.66 |
| 08 34 73 13-0021 | EA | 6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion | 6,135.91 | 111.66 |
| 08 34 73 13-0022 | EA | 6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion | 6,207.40 | 111.66 |
| 08 34 73 13-0023 | EA | 6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion | 6,280.52 | 111.66 |

### 08 34 73 16 Wood Sound Control Door Assemblies *(08 34 73)*

08 34 73 16-0001 Wood Acoustical Door Assembly *(08 34 73 16)*
Note: Includes the prefinished door, frame, hinges and seals.

| | | | | |
|---|---|---|---|---|
| 08 34 73 16-0002 | EA | 3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated) | 3,197.71 | 154.60 |
| 08 34 73 16-0003 | EA | 3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated) | 4,416.30 | 154.60 |

# 08 36 Panel Doors *(08 30)*

### 08 36 13 Sectional Doors *(08 36)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0857 for forklift.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) *(08 36 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 36 13 00-0002** | | **Wood Sectional Overhead Doors** *(08 36 13 00-0001)* Note: Includes 1-3/4" door, tracks and hardware. Excludes frame. | | |
| 08 36 13 00-0003 | EA | 8' x 8', Wood Sectional Door, Manual Lift | 2,627.99 | 343.56 |
| 08 36 13 00-0004 | EA | 10' x 10', Wood Sectional Door, Manual Lift | 3,299.98 | 381.35 |
| 08 36 13 00-0005 | EA | 12' x 12', Wood Sectional Door, Manual Lift | 4,231.96 | 456.93 |
| 08 36 13 00-0006 | EA | 14' x 14', Wood Sectional Door, Manual Lift | 6,192.17 | 529.08 |
| 08 36 13 00-0007 | EA | 12' x 16', Wood Sectional Door, Manual Lift | 6,569.55 | 687.11 |
| 08 36 13 00-0008 | EA | 20' x 8', Wood Sectional Door, Manual Lift | 6,113.36 | 858.90 |
| 08 36 13 00-0009 | EA | 20' x 16', Wood Sectional Door, Manual Lift | 11,457.76 | 1,144.91 |
| **08 36 13 00-0010** | | **Residential Grade, Wood Sectional Overhead Doors** *(08 36 13 00-0001)* Note: Includes 1-3/4" door, tracks and hardware. Excludes frame. | | |
| 08 36 13 00-0011 | EA | 9' x 7', Residential Grade, Wood Sectional Door, Manual Lift | 1,360.54 | 171.78 |
| | | *For Hardboard Face, Add* | *115.00* | |
| | | *For Insulation, Add* | *117.00* | |
| | | *For Motor Operator With Remote Controls, Add* | *398.95* | |
| | | *For Each Glass Vision Panel In Door, Add* | *50.00* | |
| 08 36 13 00-0012 | EA | 16' x 7', Residential Grade, Wood Sectional Door, Manual Lift | 2,198.45 | 171.78 |
| | | *For Hardboard Face, Add* | *115.00* | |
| | | *For Insulation, Add* | *117.00* | |
| | | *For Motor Operator With Remote Controls, Add* | *424.49* | |
| | | *For Each Glass Vision Panel In Door, Add* | *50.00* | |
| **08 36 13 00-0013** | | **Sectional Metal Overhead Doors (Width x Height)** *(08 36 13)* Note: Includes tracks and all hardware. | | |
| **08 36 13 00-0014** | | **Galvanized Steel Sectional Overhead Doors** *(08 36 13 00-0013)* | | |
| **08 36 13 00-0015** | | **Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors** *(08 36 13 00-0014)* Note: Includes 2" door, tracks and hardware. Excludes frame. | | |
| 08 36 13 00-0016 | EA | 8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 1,430.42 | 300.61 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *120.23* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *207.30* | |
| | | *For Aluminum, Mill Finish, Add* | *94.53* | |
| | | *For Aluminum, Anodized Finish, Add* | *264.51* | |
| 08 36 13 00-0017 | EA | 8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 1,688.15 | 343.56 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *145.15* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *250.26* | |
| | | *For Aluminum, Mill Finish, Add* | *114.12* | |
| | | *For Aluminum, Anodized Finish, Add* | *319.33* | |
| 08 36 13 00-0018 | EA | 8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,082.82 | 429.44 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *177.47* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *305.98* | |
| | | *For Aluminum, Mill Finish, Add* | *139.53* | |
| | | *For Aluminum, Anodized Finish, Add* | *390.43* | |
| 08 36 13 00-0019 | EA | 10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 1,611.62 | 343.56 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *134.05* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *231.13* | |
| | | *For Aluminum, Mill Finish, Add* | *105.39* | |
| | | *For Aluminum, Anodized Finish, Add* | *294.92* | |
| 08 36 13 00-0020 | EA | 10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 1,984.80 | 429.44 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *163.26* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *281.48* | |
| | | *For Aluminum, Mill Finish, Add* | *128.35* | |
| | | *For Aluminum, Anodized Finish, Add* | *359.16* | |
| 08 36 13 00-0021 | EA | 10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,493.53 | 558.28 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *199.66* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *344.25* | |
| | | *For Aluminum, Mill Finish, Add* | *156.98* | |
| | | *For Aluminum, Anodized Finish, Add* | *439.26* | |
| 08 36 13 00-0022 | EA | 10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,941.87 | 687.11 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *227.31* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *391.91* | |
| | | *For Aluminum, Mill Finish, Add* | *178.71* | |
| | | *For Aluminum, Anodized Finish, Add* | *500.08* | |
| 08 36 13 00-0023 | EA | 12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 1,920.38 | 429.44 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *153.91* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *265.37* | |
| | | *For Aluminum, Mill Finish, Add* | *121.01* | |
| | | *For Aluminum, Anodized Finish, Add* | *338.61* | |
| 08 36 13 00-0024 | EA | 12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,396.87 | 558.28 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *185.65* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *320.08* | |
| | | *For Aluminum, Mill Finish, Add* | *145.96* | |
| | | *For Aluminum, Anodized Finish, Add* | *408.42* | |
| 08 36 13 00-0025 | EA | 12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,924.40 | 687.11 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *224.77* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *387.54* | |
| | | *For Aluminum, Mill Finish, Add* | *176.72* | |
| | | *For Aluminum, Anodized Finish, Add* | *494.50* | |
| 08 36 13 00-0026 | EA | 12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,449.26 | 815.94 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *263.52* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *454.34* | |
| | | *For Aluminum, Mill Finish, Add* | *207.18* | |
| | | *For Aluminum, Anodized Finish, Add* | *579.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 36 13 00-0027 | EA | 12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,113.69 | 987.73 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *310.04* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *534.56* | |
| | | *For Aluminum, Mill Finish, Add* | *243.76* | |
| | | *For Aluminum, Anodized Finish, Add* | *682.10* | |
| 08 36 13 00-0028 | EA | 14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,269.32 | 558.28 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *167.15* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *288.19* | |
| | | *For Aluminum, Mill Finish, Add* | *131.42* | |
| | | *For Aluminum, Anodized Finish, Add* | *367.73* | |
| 08 36 13 00-0029 | EA | 14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,791.49 | 687.11 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *205.50* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *354.32* | |
| | | *For Aluminum, Mill Finish, Add* | *161.57* | |
| | | *For Aluminum, Anodized Finish, Add* | *452.11* | |
| 08 36 13 00-0030 | EA | 14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,442.50 | 858.90 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *250.08* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *431.18* | |
| | | *For Aluminum, Mill Finish, Add* | *196.62* | |
| | | *For Aluminum, Anodized Finish, Add* | *550.18* | |
| 08 36 13 00-0031 | EA | 14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,970.03 | 987.73 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *289.21* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *498.65* | |
| | | *For Aluminum, Mill Finish, Add* | *227.38* | |
| | | *For Aluminum, Anodized Finish, Add* | *636.27* | |
| 08 36 13 00-0032 | EA | 14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,568.72 | 1,116.56 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *338.66* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *583.90* | |
| | | *For Aluminum, Mill Finish, Add* | *266.26* | |
| | | *For Aluminum, Anodized Finish, Add* | *745.06* | |
| 08 36 13 00-0033 | EA | 16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,744.49 | 687.11 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *198.69* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *342.57* | |
| | | *For Aluminum, Mill Finish, Add* | *156.21* | |
| | | *For Aluminum, Anodized Finish, Add* | *437.11* | |
| 08 36 13 00-0034 | EA | 16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,392.82 | 858.90 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *242.88* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *418.76* | |
| | | *For Aluminum, Mill Finish, Add* | *190.95* | |
| | | *For Aluminum, Anodized Finish, Add* | *534.33* | |
| 08 36 13 00-0035 | EA | 16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,995.53 | 987.73 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *292.91* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *505.02* | |
| | | *For Aluminum, Mill Finish, Add* | *230.29* | |
| | | *For Aluminum, Anodized Finish, Add* | *644.41* | |
| 08 36 13 00-0036 | EA | 16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,770.11 | 1,116.56 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *367.86* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *634.25* | |
| | | *For Aluminum, Mill Finish, Add* | *289.22* | |
| | | *For Aluminum, Anodized Finish, Add* | *809.30* | |
| 08 36 13 00-0037 | EA | 16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,558.09 | 1,288.34 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *432.30* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *745.35* | |
| | | *For Aluminum, Mill Finish, Add* | *339.88* | |
| | | *For Aluminum, Anodized Finish, Add* | *951.06* | |
| 08 36 13 00-0038 | EA | 18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,496.22 | 858.90 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *257.87* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *444.61* | |
| | | *For Aluminum, Mill Finish, Add* | *202.74* | |
| | | *For Aluminum, Anodized Finish, Add* | *567.32* | |
| 08 36 13 00-0039 | EA | 18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,180.83 | 987.73 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *319.78* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *551.35* | |
| | | *For Aluminum, Mill Finish, Add* | *251.41* | |
| | | *For Aluminum, Anodized Finish, Add* | *703.52* | |
| 08 36 13 00-0040 | EA | 18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,065.48 | 1,116.56 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *410.69* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *708.09* | |
| | | *For Aluminum, Mill Finish, Add* | *322.89* | |
| | | *For Aluminum, Anodized Finish, Add* | *903.52* | |
| 08 36 13 00-0041 | EA | 18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,854.81 | 1,288.34 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *475.33* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *819.53* | |
| | | *For Aluminum, Mill Finish, Add* | *373.70* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,045.72* | |
| 08 36 13 00-0042 | EA | 18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 6,727.35 | 1,460.12 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *552.03* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *951.78* | |
| | | *For Aluminum, Mill Finish, Add* | *434.01* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,214.46* | |
| 08 36 13 00-0043 | EA | 20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,970.03 | 987.73 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *289.21* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *498.65* | |
| | | *For Aluminum, Mill Finish, Add* | *227.38* | |
| | | *For Aluminum, Anodized Finish, Add* | *636.27* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 36 13 00-0044 | EA | 20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,654.65 | 1,116.56 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *351.12* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *605.38* | |
| | | *For Aluminum, Mill Finish, Add* | *276.05* | |
| | | *For Aluminum, Anodized Finish, Add* | *772.47* | |
| 08 36 13 00-0045 | EA | 20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,751.43 | 1,288.34 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *460.34* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *793.68* | |
| | | *For Aluminum, Mill Finish, Add* | *361.92* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,012.74* | |
| 08 36 13 00-0046 | EA | 20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 6,540.73 | 1,460.12 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *524.97* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *905.12* | |
| | | *For Aluminum, Mill Finish, Add* | *412.73* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,154.93* | |
| 08 36 13 00-0047 | EA | 20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 8,089.96 | 1,631.90 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *699.79* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,206.54* | |
| | | *For Aluminum, Mill Finish, Add* | *550.18* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,539.54* | |
| 08 36 13 00-0048 | EA | 22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,418.34 | 1,116.56 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *316.86* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *546.31* | |
| | | *For Aluminum, Mill Finish, Add* | *249.12* | |
| | | *For Aluminum, Anodized Finish, Add* | *697.09* | |
| 08 36 13 00-0049 | EA | 22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,462.78 | 1,288.34 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *418.48* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *721.52* | |
| | | *For Aluminum, Mill Finish, Add* | *329.01* | |
| | | *For Aluminum, Anodized Finish, Add* | *920.66* | |
| 08 36 13 00-0050 | EA | 22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 6,480.31 | 1,460.12 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *516.21* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *890.02* | |
| | | *For Aluminum, Mill Finish, Add* | *405.85* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,135.66* | |
| 08 36 13 00-0051 | EA | 22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 7,656.29 | 1,631.90 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *636.91* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,098.12* | |
| | | *For Aluminum, Mill Finish, Add* | *500.74* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,401.20* | |
| 08 36 13 00-0052 | EA | 22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 8,637.55 | 1,803.68 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *729.38* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,257.55* | |
| | | *For Aluminum, Mill Finish, Add* | *573.44* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,604.64* | |
| 08 36 13 00-0053 | EA | 24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,892.17 | 1,288.34 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *335.74* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *578.87* | |
| | | *For Aluminum, Mill Finish, Add* | *263.96* | |
| | | *For Aluminum, Anodized Finish, Add* | *738.63* | |
| 08 36 13 00-0054 | EA | 24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,978.17 | 1,460.12 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *443.40* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *764.48* | |
| | | *For Aluminum, Mill Finish, Add* | *348.60* | |
| | | *For Aluminum, Anodized Finish, Add* | *975.48* | |
| 08 36 13 00-0055 | EA | 24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 7,296.48 | 1,631.90 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *584.74* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,008.17* | |
| | | *For Aluminum, Mill Finish, Add* | *459.72* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,286.42* | |
| 08 36 13 00-0056 | EA | 24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 8,159.59 | 1,803.68 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *660.08* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,138.06* | |
| | | *For Aluminum, Mill Finish, Add* | *518.96* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,452.17* | |
| 08 36 13 00-0057 | EA | 24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 9,165.05 | 1,975.45 |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *756.05* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,303.54* | |
| | | *For Aluminum, Mill Finish, Add* | *594.41* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,663.31* | |

### 08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

| | | | | |
|---|---|---|---|---|
| 08 36 13 00-0059 | EA | 8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 1,825.53 | 300.61 |
| | | *For Aluminum, Mill Finish, Add* | *139.57* | |
| | | *For Aluminum, Anodized Finish, Add* | *390.55* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *153.04* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *306.08* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *795.80* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,530.39* | |
| 08 36 13 00-0060 | EA | 8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,178.57 | 343.56 |
| | | *For Aluminum, Mill Finish, Add* | *170.03* | |
| | | *For Aluminum, Anodized Finish, Add* | *475.78* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *186.43* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *372.87* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *969.45* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,864.33* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 36 13 00-0061 | EA | 8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,674.45 | 429.44 |
| | | *For Aluminum, Mill Finish, Add* | *206.97* | |
| | | *For Aluminum, Anodized Finish, Add* | *579.16* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *226.94* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *453.89* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,180.11* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,269.44* | |
| 08 36 13 00-0062 | EA | 10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,124.11 | 343.56 |
| | | *For Aluminum, Mill Finish, Add* | *163.82* | |
| | | *For Aluminum, Anodized Finish, Add* | *458.40* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *179.63* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *359.25* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *934.05* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,796.25* | |
| 08 36 13 00-0063 | EA | 10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,607.36 | 429.44 |
| | | *For Aluminum, Mill Finish, Add* | *199.32* | |
| | | *For Aluminum, Anodized Finish, Add* | *557.76* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *218.56* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *437.12* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,136.50* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,185.58* | |
| 08 36 13 00-0064 | EA | 10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,311.91 | 558.28 |
| | | *For Aluminum, Mill Finish, Add* | *250.27* | |
| | | *For Aluminum, Anodized Finish, Add* | *700.32* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *274.42* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *548.84* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,426.98* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,744.20* | |
| 08 36 13 00-0065 | EA | 10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,835.48 | 687.11 |
| | | *For Aluminum, Mill Finish, Add* | *280.58* | |
| | | *For Aluminum, Anodized Finish, Add* | *785.14* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *307.66* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *615.31* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,599.81* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,076.56* | |
| 08 36 13 00-0066 | EA | 12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,504.81 | 429.44 |
| | | *For Aluminum, Mill Finish, Add* | *187.63* | |
| | | *For Aluminum, Anodized Finish, Add* | *525.05* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *205.74* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *411.48* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,069.84* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,057.39* | |
| 08 36 13 00-0067 | EA | 12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,118.22 | 558.28 |
| | | *For Aluminum, Mill Finish, Add* | *228.19* | |
| | | *For Aluminum, Anodized Finish, Add* | *638.53* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *250.21* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *500.42* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,301.09* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,502.09* | |
| 08 36 13 00-0068 | EA | 12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,801.30 | 687.11 |
| | | *For Aluminum, Mill Finish, Add* | *276.69* | |
| | | *For Aluminum, Anodized Finish, Add* | *774.24* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *303.38* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *606.77* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,577.60* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,033.84* | |
| 08 36 13 00-0069 | EA | 12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,442.58 | 815.94 |
| | | *For Aluminum, Mill Finish, Add* | *320.42* | |
| | | *For Aluminum, Anodized Finish, Add* | *896.61* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *351.34* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *702.67* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,826.94* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,513.35* | |
| 08 36 13 00-0070 | EA | 12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,393.84 | 987.73 |
| | | *For Aluminum, Mill Finish, Add* | *389.70* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,090.47* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *427.30* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *854.60* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,221.95* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,272.99* | |
| 08 36 13 00-0071 | EA | 14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 2,967.56 | 558.28 |
| | | *For Aluminum, Mill Finish, Add* | *211.02* | |
| | | *For Aluminum, Anodized Finish, Add* | *590.47* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *231.38* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *462.75* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,203.16* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,313.76* | |
| 08 36 13 00-0072 | EA | 14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,681.02 | 687.11 |
| | | *For Aluminum, Mill Finish, Add* | *262.97* | |
| | | *For Aluminum, Anodized Finish, Add* | *735.87* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *288.35* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *576.70* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,499.41* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,883.49* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 36 13 00-0073 | EA | 14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,474.03 | 858.90 |
| | | *For Aluminum, Mill Finish, Add* | *314.21* | |
| | | *For Aluminum, Anodized Finish, Add* | *879.24* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *344.53* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *689.06* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,791.56* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,445.30* | |
| 08 36 13 00-0074 | EA | 14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,277.35 | 987.73 |
| | | *For Aluminum, Mill Finish, Add* | *376.42* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,053.31* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *412.74* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *825.48* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,146.24* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,127.38* | |
| 08 36 13 00-0075 | EA | 14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 6,060.44 | 1,116.56 |
| | | *For Aluminum, Mill Finish, Add* | *436.31* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,220.92* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *478.42* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *956.83* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,487.76* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,784.15* | |
| 08 36 13 00-0076 | EA | 16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 3,550.62 | 687.11 |
| | | *For Aluminum, Mill Finish, Add* | *248.11* | |
| | | *For Aluminum, Anodized Finish, Add* | *694.27* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *272.05* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *544.10* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,414.65* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,720.49* | |
| 08 36 13 00-0077 | EA | 16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,575.32 | 858.90 |
| | | *For Aluminum, Mill Finish, Add* | *325.76* | |
| | | *For Aluminum, Anodized Finish, Add* | *911.55* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *357.19* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *714.38* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,857.39* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,571.91* | |
| 08 36 13 00-0078 | EA | 16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,345.72 | 987.73 |
| | | *For Aluminum, Mill Finish, Add* | *384.21* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,075.12* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *421.28* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *842.57* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,190.68* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,212.84* | |
| 08 36 13 00-0079 | EA | 16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 6,121.20 | 1,116.56 |
| | | *For Aluminum, Mill Finish, Add* | *443.24* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,240.30* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *486.01* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *972.02* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,527.25* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,860.10* | |
| 08 36 13 00-0080 | EA | 16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 7,244.67 | 1,288.34 |
| | | *For Aluminum, Mill Finish, Add* | *532.15* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,489.08* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *583.50* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,166.99* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,034.18* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *5,834.96* | |
| 08 36 13 00-0081 | EA | 18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 4,084.08 | 858.90 |
| | | *For Aluminum, Mill Finish, Add* | *269.76* | |
| | | *For Aluminum, Anodized Finish, Add* | *754.85* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *295.79* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *591.57* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,538.09* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,957.86* | |
| 08 36 13 00-0082 | EA | 18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,076.05 | 987.73 |
| | | *For Aluminum, Mill Finish, Add* | *353.47* | |
| | | *For Aluminum, Anodized Finish, Add* | *989.09* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *387.58* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *775.15* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,015.39* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,875.75* | |
| 08 36 13 00-0083 | EA | 18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,898.37 | 1,116.56 |
| | | *For Aluminum, Mill Finish, Add* | *417.84* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,169.21* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *458.16* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *916.31* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,382.41* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,581.56* | |
| 08 36 13 00-0084 | EA | 18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 7,373.81 | 1,288.34 |
| | | *For Aluminum, Mill Finish, Add* | *546.87* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,530.28* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *599.64* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,199.28* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,118.12* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *5,996.39* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 36 13 00-0085 | EA | 18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 8,070.59 | 1,460.12 |
| | | *For Aluminum, Mill Finish, Add* | *587.14* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,642.96* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *643.79* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,287.59* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,347.72* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *6,437.93* | |
| 08 36 13 00-0086 | EA | 20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,051.99 | 987.73 |
| | | *For Aluminum, Mill Finish, Add* | *350.73* | |
| | | *For Aluminum, Anodized Finish, Add* | *981.42* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *384.57* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *769.14* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,999.75* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,845.68* | |
| 08 36 13 00-0087 | EA | 20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,954.09 | 1,116.56 |
| | | *For Aluminum, Mill Finish, Add* | *424.19* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,186.99* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *465.12* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *930.24* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,418.63* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,651.21* | |
| 08 36 13 00-0088 | EA | 20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 7,633.34 | 1,288.34 |
| | | *For Aluminum, Mill Finish, Add* | *576.46* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,613.07* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *632.08* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,264.16* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,286.82* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *6,320.80* | |
| 08 36 13 00-0089 | EA | 20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 8,302.27 | 1,460.12 |
| | | *For Aluminum, Mill Finish, Add* | *613.55* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,716.86* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *672.75* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,345.51* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,498.31* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *6,727.53* | |
| 08 36 13 00-0090 | EA | 20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 9,654.89 | 1,631.90 |
| | | *For Aluminum, Mill Finish, Add* | *728.58* | |
| | | *For Aluminum, Anodized Finish, Add* | *2,038.75* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *798.88* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,597.77* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,154.20* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *7,988.84* | |
| 08 36 13 00-0091 | EA | 22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 5,537.55 | 1,116.56 |
| | | *For Aluminum, Mill Finish, Add* | *376.71* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,054.11* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *413.05* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *826.11* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,147.88* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,130.54* | |
| 08 36 13 00-0092 | EA | 22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 6,861.06 | 1,288.34 |
| | | *For Aluminum, Mill Finish, Add* | *488.42* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,366.71* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *535.55* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,071.09* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,784.83* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *5,355.45* | |
| 08 36 13 00-0093 | EA | 22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 8,163.02 | 1,460.12 |
| | | *For Aluminum, Mill Finish, Add* | *597.68* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,672.44* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *655.35* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,310.69* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,407.80* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *6,553.46* | |
| 08 36 13 00-0094 | EA | 22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 9,175.06 | 1,631.90 |
| | | *For Aluminum, Mill Finish, Add* | *673.88* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,885.69* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *738.91* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,477.81* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,842.31* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *7,389.05* | |
| 08 36 13 00-0095 | EA | 22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 10,476.98 | 1,803.68 |
| | | *For Aluminum, Mill Finish, Add* | *783.14* | |
| | | *For Aluminum, Anodized Finish, Add* | *2,191.42* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *858.71* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,717.41* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,465.27* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *8,587.05* | |
| 08 36 13 00-0096 | EA | 24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 6,160.93 | 1,288.34 |
| | | *For Aluminum, Mill Finish, Add* | *408.60* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,143.37* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *448.03* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *896.06* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *2,329.75* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,480.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 36 13 00-0097 | EA | 24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 7,624.95 | 1,460.12 |
| | | *For Aluminum, Mill Finish, Add* | *536.34* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,500.80* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *588.09* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,176.18* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,058.06* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *5,880.88* | |
| 08 36 13 00-0098 | EA | 24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 8,854.76 | 1,631.90 |
| | | *For Aluminum, Mill Finish, Add* | *637.37* | |
| | | *For Aluminum, Anodized Finish, Add* | *1,783.51* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *698.87* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,397.74* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *3,634.11* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *6,988.68* | |
| 08 36 13 00-0099 | EA | 24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 10,159.21 | 1,803.68 |
| | | *For Aluminum, Mill Finish, Add* | *746.91* | |
| | | *For Aluminum, Anodized Finish, Add* | *2,090.05* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *818.98* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,637.97* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,258.72* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *8,189.84* | |
| 08 36 13 00-0100 | EA | 24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift | 11,442.18 | 1,975.45 |
| | | *For Aluminum, Mill Finish, Add* | *854.01* | |
| | | *For Aluminum, Anodized Finish, Add* | *2,389.72* | |
| | | *For 22 Gauge Steel Ribbed, Heavy Duty Door, Add* | *936.41* | |
| | | *For 20 Gauge Steel Ribbed, Heavy Duty Door, Add* | *1,872.82* | |
| | | *For 18 Gauge Steel Ribbed, Heavy Duty Door, Add* | *4,869.33* | |
| | | *For 16 Gauge Steel Ribbed, Heavy Duty Door, Add* | *9,364.10* | |
| 08 36 13 00-0101 | | **Residential Grade, Galvanized Steel Sectional Overhead Doors** *(08 36 13 00-0013)* | | |
| | | Note: Includes track and hardware. Excludes frame. | | |
| 08 36 13 00-0102 | EA | 9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift | 802.56 | 171.78 |
| | | *For Aluminum And Fiberglass, Add* | *115.67* | |
| | | *For Each Glass Vision Panel In Door, Add* | *50.00* | |
| | | *For Insulated Door, Add* | *134.32* | |
| 08 36 13 00-0103 | EA | 9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift | 869.52 | 171.78 |
| | | *For Aluminum And Fiberglass, Add* | *136.42* | |
| | | *For Each Glass Vision Panel In Door, Add* | *50.00* | |
| | | *For Insulated Door, Add* | *158.43* | |
| 08 36 13 00-0104 | EA | 16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift | 1,107.29 | 196.52 |
| | | *For Aluminum And Fiberglass, Add* | *191.29* | |
| | | *For Each Glass Vision Panel In Door, Add* | *50.00* | |
| | | *For Insulated Door, Add* | *222.14* | |
| 08 36 13 00-0105 | EA | 16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift | 1,212.50 | 196.52 |
| | | *For Aluminum And Fiberglass, Add* | *223.90* | |
| | | *For Each Glass Vision Panel In Door, Add* | *50.00* | |
| | | *For Insulated Door, Add* | *260.01* | |
| 08 36 13 00-0106 | | **Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports** *(08 36 13 00-0013)* | | |
| | | Note: Includes storage, cleaning and supply materials. | | |
| 08 36 13 00-0107 | SF | Removal And Reinstallation Of Sectional Metal Overhead Door And Supports | 12.64 | |
| 08 36 13 00-0108 | | **Sectional Fiberglass Overhead Doors (Width x Height)** *(08 36 13)* | | |
| 08 36 13 00-0109 | | **Fiberglass Sectional Overhead Doors** *(08 36 13 00-0108)* | | |
| 08 36 13 00-0110 | | **Non-Insulated, Fiberglass Sectional Doors** *(08 36 13 00-0109)* | | |
| | | Note: Includes 2" door, tracks and hardware. Excludes frame. | | |
| 08 36 13 00-0111 | EA | 8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift | 2,430.00 | 300.61 |
| 08 36 13 00-0112 | EA | 8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift | 2,891.78 | 343.56 |
| 08 36 13 00-0113 | EA | 8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift | 3,409.46 | 429.44 |
| 08 36 13 00-0114 | EA | 10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift | 2,855.68 | 343.56 |
| 08 36 13 00-0115 | EA | 10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift | 3,419.74 | 386.50 |
| 08 36 13 00-0116 | EA | 10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift | 4,234.74 | 536.81 |
| 08 36 13 00-0117 | EA | 10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift | 5,055.25 | 687.11 |
| 08 36 13 00-0118 | EA | 12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift | 3,358.32 | 429.44 |
| 08 36 13 00-0119 | EA | 12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift | 4,213.69 | 536.81 |
| 08 36 13 00-0120 | EA | 12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift | 5,056.77 | 644.17 |
| 08 36 13 00-0121 | EA | 12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift | 6,112.08 | 858.90 |
| 08 36 13 00-0122 | EA | 12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift | 7,089.61 | 1,030.68 |
| 08 36 13 00-0123 | EA | 14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift | 4,032.53 | 601.22 |
| 08 36 13 00-0124 | EA | 14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift | 4,928.93 | 687.11 |
| 08 36 13 00-0125 | EA | 14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift | 6,003.81 | 858.90 |
| 08 36 13 00-0126 | EA | 14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift | 7,077.58 | 1,030.68 |
| 08 36 13 00-0127 | EA | 14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift | 7,982.83 | 1,116.56 |
| 08 36 13 00-0128 | EA | 16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift | 4,577.02 | 687.11 |
| 08 36 13 00-0129 | EA | 16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift | 5,543.16 | 773.00 |
| 08 36 13 00-0130 | EA | 16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift | 6,699.53 | 944.79 |
| 08 36 13 00-0131 | EA | 16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift | 7,841.47 | 1,116.56 |
| 08 36 13 00-0132 | EA | 16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift | 8,810.97 | 1,202.45 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 36 13 00-0133** | | **Insulated, Fiberglass Sectional Doors** *(08 36 13 00-0109)* | | |
| | | Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame. | | |
| 08 36 13 00-0134 | EA | 8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift | 3,033.47 | 300.61 |
| 08 36 13 00-0135 | EA | 8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift | 3,619.32 | 343.56 |
| 08 36 13 00-0136 | EA | 8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift | 4,251.14 | 429.44 |
| 08 36 13 00-0137 | EA | 10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift | 3,571.31 | 343.56 |
| 08 36 13 00-0138 | EA | 10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift | 4,293.19 | 386.50 |
| 08 36 13 00-0139 | EA | 10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift | 5,277.92 | 536.81 |
| 08 36 13 00-0140 | EA | 10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift | 6,270.13 | 687.11 |
| 08 36 13 00-0141 | EA | 12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift | 4,183.13 | 429.44 |
| 08 36 13 00-0142 | EA | 12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift | 5,249.91 | 536.81 |
| 08 36 13 00-0143 | EA | 12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift | 6,300.43 | 644.17 |
| 08 36 13 00-0144 | EA | 12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift | 7,562.20 | 858.90 |
| 08 36 13 00-0145 | EA | 12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift | 8,749.16 | 1,030.68 |
| 08 36 13 00-0146 | EA | 14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift | 4,966.52 | 601.22 |
| 08 36 13 00-0147 | EA | 14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift | 6,102.12 | 687.11 |
| 08 36 13 00-0148 | EA | 14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift | 7,418.19 | 858.90 |
| 08 36 13 00-0149 | EA | 14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift | 8,733.16 | 1,030.68 |
| 08 36 13 00-0150 | EA | 14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift | 9,880.59 | 1,116.56 |
| 08 36 13 00-0151 | EA | 16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift | 5,634.09 | 687.11 |
| 08 36 13 00-0152 | EA | 16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift | 6,862.26 | 773.00 |
| 08 36 13 00-0153 | EA | 16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift | 8,286.62 | 944.79 |
| 08 36 13 00-0154 | EA | 16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift | 9,692.57 | 1,116.56 |
| 08 36 13 00-0155 | EA | 16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift | 10,925.11 | 1,202.45 |
| **08 36 13 00-0156** | | **Sectional Overhead Door Accessories** *(08 36 13)* | | |
| **08 36 13 00-0157** | | **Sectional Overhead Door Accessories** *(08 36 13 00-0156)* | | |
| 08 36 13 00-0158 | LF | Flap Seal For Sectional Overhead Doors | 3.98 | |
| 08 36 13 00-0159 | LF | Weather Seal At Top Of Door For Sectional Overhead Doors | 6.07 | |
| 08 36 13 00-0160 | LF | Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors | 2.91 | |
| 08 36 13 00-0161 | EA | Cylinder Lock For Sectional Overhead Doors | 406.40 | |
| 08 36 13 00-0162 | EA | Manual Chain Hoist For Sectional Overhead Doors | 516.64 | |
| 08 36 13 00-0163 | EA | 3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors | 2,231.06 | |
| | | Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator. | | |
| 08 36 13 00-0164 | EA | 1/2 HP Trolley Operator For Sectional Overhead Doors | 966.39 | |
| | | Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator. | | |
| 08 36 13 00-0165 | EA | 3/4 HP Trolley Operator For Sectional Overhead Doors | 1,256.19 | |
| | | Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator. | | |
| | | *For Door Height >12', Add* | *10.00* | |
| | | *Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.* | | |
| 08 36 13 00-0166 | SF | Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors | 33.21 | |
| | | Note: Additional cost for factory supplied. | | |
| 08 36 13 00-0167 | SF | >2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors | 20.71 | |
| | | Note: Additional cost for factory supplied. | | |
| 08 36 13 00-0168 | SF | Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors | 34.72 | |
| | | Note: Additional cost for factory supplied. | | |
| 08 36 13 00-0169 | SF | >2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors | 23.67 | |
| | | Note: Additional cost for factory supplied. | | |
| 08 36 13 00-0170 | SF | Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors | 55.85 | |
| | | Note: Additional cost for factory supplied. | | |
| 08 36 13 00-0171 | SF | >2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors | 37.70 | |
| | | Note: Additional cost for factory supplied. | | |
| 08 36 13 00-0172 | EA | Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door | 459.27 | |
| | | Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs. | | |
| 08 36 13 00-0173 | EA | Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door | 717.82 | |
| | | Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs. | | |
| 08 36 13 00-0174 | EA | Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door | 1,060.89 | |
| | | Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs. | | |
| 08 36 13 00-0175 | SF | 25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors | 1.39 | |
| | | Note: Additional cost for factory supplied/installed spring. Per SF of Door. | | |
| 08 36 13 00-0176 | SF | 50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors | 1.78 | |
| | | Note: Additional cost for factory supplied/installed spring. Per SF of Door. | | |
| 08 36 13 00-0177 | SF | 100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors | 2.36 | |
| | | Note: Additional cost for factory supplied/installed spring. Per SF of Door. | | |

## 08 38 Traffic Doors *(08 30)*

### 08 38 13 Flexible Strip Doors *(08 38)*

| | | | | |
|---|---|---|---|---|
| **08 38 13 00-0001** | | **Clear Polyvinyl Chloride (PVC) Strip Doors** *(08 38 13)* | | |
| 08 38 13 00-0002 | SF | 8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door | 18.49 | 5.16 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *0.73* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *1.54* | |
| 08 38 13 00-0003 | SF | 8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door | 25.78 | 6.87 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *1.03* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *2.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 13 00-0004 | SF | 12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door | 16.95 | 4.30 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *0.92* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *1.94* | |
| 08 38 13 00-0005 | SF | 12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door | 21.88 | 4.72 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *1.16* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *2.43* | |
| 08 38 13 00-0006 | SF | 16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door | 18.59 | 4.30 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *1.17* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *2.46* | |

### 08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*

| | | | | |
|---|---|---|---|---|
| 08 38 13 00-0008 | EA | 8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip | 56.43 | 24.22 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *1.69* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *3.55* | |
| 08 38 13 00-0009 | EA | 8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip | 58.80 | 24.22 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *1.93* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *4.05* | |
| 08 38 13 00-0010 | EA | 12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip | 88.50 | 29.98 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *3.95* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *8.30* | |
| 08 38 13 00-0011 | EA | 12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip | 96.54 | 29.98 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *4.76* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *9.99* | |
| 08 38 13 00-0012 | EA | 12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip | 104.07 | 29.98 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *5.51* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *11.57* | |
| 08 38 13 00-0013 | EA | 16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip | 190.29 | 30.57 |
| | | *For Cooler/Freezer Doors, USDA Grade, Add* | *12.91* | |
| | | *Note: Low temperature to -40 degree F.* | | |
| | | *For Ribbed Strip Material, Add* | *27.11* | |

## 08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

### 08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*

### 08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*

### 08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 38 16 00-0004 | EA | 72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 3,346.39 | 85.89 |
| 08 38 16 00-0005 | EA | 72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 3,619.27 | 85.89 |
| 08 38 16 00-0006 | EA | 96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 7,559.85 | 98.77 |
| 08 38 16 00-0007 | EA | 96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 8,484.66 | 107.36 |
| 08 38 16 00-0008 | EA | 108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 13,207.20 | 107.36 |
| 08 38 16 00-0009 | EA | 108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 13,818.13 | 107.36 |
| 08 38 16 00-0010 | EA | 120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 15,377.12 | 128.83 |

### 08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 38 16 00-0012 | EA | 72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 3,726.28 | 85.89 |
| 08 38 16 00-0013 | EA | 72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 4,030.18 | 85.89 |
| 08 38 16 00-0014 | EA | 96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 8,959.18 | 98.77 |
| 08 38 16 00-0015 | EA | 96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 9,877.78 | 107.36 |
| 08 38 16 00-0016 | EA | 108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 14,804.92 | 107.36 |
| 08 38 16 00-0017 | EA | 108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 15,426.36 | 107.36 |
| 08 38 16 00-0018 | EA | 120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door | 17,166.32 | 128.83 |

### 08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

### 08 38 16 00-0020 Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 16 00-0021 | | 84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)* | | |
| 08 38 16 00-0022 | EA | 24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors | 1,339.45 | 47.24 |
| 08 38 16 00-0023 | EA | 40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors | 1,444.32 | 47.24 |
| 08 38 16 00-0024 | | 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)* | | |
| 08 38 16 00-0025 | EA | 24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors | 1,444.32 | 47.24 |
| 08 38 16 00-0026 | EA | 40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors | 1,473.90 | 47.24 |
| 08 38 16 00-0027 | | Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)* | | |
| 08 38 16 00-0028 | | 84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)* | | |
| 08 38 16 00-0029 | EA | 48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors | 2,653.13 | 81.59 |
| 08 38 16 00-0030 | EA | 80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors | 2,862.87 | 81.59 |
| 08 38 16 00-0031 | | 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)* | | |
| 08 38 16 00-0032 | EA | 48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors | 2,862.87 | 81.59 |
| 08 38 16 00-0033 | EA | 80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors | 2,922.02 | 81.59 |

## 08 38 19 Rigid Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0001 | | 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)* | | |
| | | Note: Includes delta formed vertical edges and a 9" x 14" acrylic window. | | |
| 08 38 19 00-0002 | | Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)* | | |
| 08 38 19 00-0003 | | 84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)* | | |
| 08 38 19 00-0004 | EA | 24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 653.77 | 47.24 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0005 | EA | 28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 702.17 | 47.24 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0006 | EA | 30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 725.29 | 49.38 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0007 | EA | 32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 754.86 | 49.38 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0008 | EA | 36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 788.76 | 51.53 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0009 | EA | 40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 853.30 | 51.53 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0010 | EA | 42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 884.98 | 57.98 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0011 | | 96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)* | | |
| 08 38 19 00-0012 | EA | 24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 737.13 | 47.24 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0013 | EA | 28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 774.77 | 47.24 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0014 | EA | 30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 800.58 | 49.38 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0015 | EA | 32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 822.09 | 49.38 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0016 | EA | 36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 899.01 | 51.53 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0017 | EA | 40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 915.14 | 51.53 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0018 | EA | 42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 944.14 | 57.98 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

### 08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

### 08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0021 | EA | 48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,281.76 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0022 | EA | 56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,378.57 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0023 | EA | 60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,416.21 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0024 | EA | 64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,475.37 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0025 | EA | 72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,543.14 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0026 | EA | 80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,672.21 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0027 | EA | 84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,709.86 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

### 08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0029 | EA | 48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,448.48 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0030 | EA | 56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,523.77 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0031 | EA | 60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,566.79 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0032 | EA | 64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,609.82 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0033 | EA | 72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,763.64 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0034 | EA | 80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,795.91 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0035 | EA | 84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door | 1,828.17 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

## 08 38 19 00-0036 3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.

## 08 38 19 00-0037 Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

## 08 38 19 00-0038 84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0039 | EA | 24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,148.54 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0040 | EA | 28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,274.92 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0041 | EA | 30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,330.30 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0042 | EA | 32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,384.08 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0043 | EA | 36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,404.53 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0044 | EA | 40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,514.78 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0045 | EA | 42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,627.13 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0046 | EA | 44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,645.95 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

## 08 38 19 00-0047 96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0048 | EA | 24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,256.10 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0049 | EA | 28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,387.85 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0050 | EA | 30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,443.24 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0051 | EA | 32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,510.46 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0052 | EA | 36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,563.18 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0053 | EA | 40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,670.74 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0054 | EA | 42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,726.62 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0055 | EA | 44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 1,793.84 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0056 | | Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)* | | |
| 08 38 19 00-0057 | | 84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)* | | |
| 08 38 19 00-0058 | EA | 48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,271.30 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0059 | EA | 56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,524.06 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0060 | EA | 60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,626.24 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0061 | EA | 64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,733.80 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0062 | EA | 72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,774.68 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0063 | EA | 80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,995.18 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0064 | EA | 84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 3,194.16 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0065 | EA | 88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 3,231.81 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0066 | | 96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)* | | |
| 08 38 19 00-0067 | EA | 48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,486.41 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0068 | EA | 56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,749.93 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0069 | EA | 60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,852.11 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0070 | EA | 64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 2,986.56 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0071 | EA | 72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 3,091.98 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0072 | EA | 80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 3,307.10 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0073 | EA | 84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 3,393.14 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0074 | EA | 88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door | 3,527.59 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0075 | | 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)* | | |
| | | Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window. | | |
| 08 38 19 00-0076 | | Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)* | | |
| 08 38 19 00-0077 | | 84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)* | | |
| 08 38 19 00-0078 | EA | 24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,514.91 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0079 | EA | 28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,719.78 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0080 | EA | 30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,778.70 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0081 | EA | 32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,799.19 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0082 | EA | 36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,823.99 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0083 | EA | 40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 2,015.21 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0084 | EA | 42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 2,185.13 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0085 | EA | 44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 2,209.03 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0086 96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0087 | EA | 24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,559.29 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0088 | EA | 28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,811.97 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0089 | EA | 30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,874.31 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0090 | EA | 32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,901.62 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0091 | EA | 36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 1,912.77 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0092 | EA | 40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 2,052.77 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0093 | EA | 42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 2,219.28 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0094 | EA | 44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 2,246.59 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

### 08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0097 | EA | 48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,004.03 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0098 | EA | 56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,413.77 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0099 | EA | 60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,523.04 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0100 | EA | 64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,564.01 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0101 | EA | 72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,613.61 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0102 | EA | 80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,996.03 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0103 | EA | 84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 4,310.17 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0104 | EA | 88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 4,357.97 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0105 96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0106 | EA | 48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,092.81 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0107 | EA | 56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,598.16 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0108 | EA | 60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,714.25 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0109 | EA | 64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,768.88 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0110 | EA | 72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 3,791.16 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0111 | EA | 80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 4,071.15 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0112 | EA | 84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 4,378.46 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0113 | EA | 88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door | 4,433.09 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0114 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)*

Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.

### 08 38 19 00-0115 Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

### 08 38 19 00-0116 84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0117 | EA | 24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,535.75 | 47.24 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0118 | EA | 28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,678.26 | 47.24 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0119 | EA | 30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,720.20 | 49.38 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0120 | EA | 32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,755.15 | 49.38 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0121 | EA | 36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,818.63 | 51.53 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0122 | EA | 40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,885.85 | 51.53 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0123 | EA | 42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,952.49 | 57.98 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0124 | EA | 44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,998.20 | 57.98 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

### 08 38 19 00-0125 96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0126 | EA | 24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,656.75 | 47.24 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0127 | EA | 28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,807.33 | 47.24 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0128 | EA | 30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,851.96 | 49.38 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0129 | EA | 32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,870.78 | 49.38 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0130 | EA | 36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 1,928.88 | 51.53 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0131 | EA | 40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 2,017.61 | 51.53 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0132 | EA | 42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 2,073.50 | 57.98 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0133 | EA | 44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 2,119.21 | 57.98 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

### 08 38 19 00-0134 Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

### 08 38 19 00-0135 84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0136 | EA | 48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,045.71 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0137 | EA | 56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,330.74 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0138 | EA | 60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,406.03 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0139 | EA | 64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,475.95 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0140 | EA | 72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,602.88 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0141 | EA | 80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,737.33 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0142 | EA | 84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,844.89 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0143 | EA | 88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,936.31 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

### 08 38 19 00-0144 96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0145 | EA | 48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,287.72 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0146 | EA | 56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,588.88 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0147 | EA | 60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,669.55 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0148 | EA | 64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,707.20 | 81.59 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0149 | EA | 72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 3,823.37 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0150 | EA | 80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 4,000.84 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0151 | EA | 84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 4,086.89 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |
| 08 38 19 00-0152 | EA | 88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door | 4,178.32 | 85.89 |
| | | *For Each 18" x 30" Window, Add* | *41.00* | |
| | | *For Each 14" x 16" Window, Add* | *22.00* | |
| | | *For Each 15" x 20" Window, Add* | *28.00* | |

### 08 38 19 00-0153 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.

### 08 38 19 00-0154 Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 08 38 19 00-0155 84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0156 | EA | 24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,508.86 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0157 | EA | 28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,586.84 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0158 | EA | 30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,661.04 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0159 | EA | 32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,706.75 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0160 | EA | 36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,824.01 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0161 | EA | 40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,915.43 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0162 | EA | 42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,000.89 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0163 | EA | 44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,086.94 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0164 90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0165 | EA | 24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,562.64 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0166 | EA | 28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,656.75 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0167 | EA | 30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,706.75 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0168 | EA | 32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,771.29 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0169 | EA | 36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,896.61 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0170 | EA | 40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,006.86 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0171 | EA | 42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,086.94 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0172 | EA | 44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,167.61 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0174 | EA | 24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,699.77 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0175 | EA | 28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,718.60 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0176 | EA | 30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,800.87 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0177 | EA | 32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,860.02 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0178 | EA | 36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 1,988.03 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0179 | EA | 40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,119.79 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0180 | EA | 42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,194.50 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0181 | EA | 44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,275.17 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0183 | | 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)* | | |
| 08 38 19 00-0184 | EA | 48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 2,991.94 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0185 | EA | 56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,147.89 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0186 | EA | 60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,287.72 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0187 | EA | 64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,379.14 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0188 | EA | 72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,613.64 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0189 | EA | 80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,796.48 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0190 | EA | 84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,941.69 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0191 | EA | 88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 4,113.78 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0192 | | 90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)* | | |
| 08 38 19 00-0193 | EA | 48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,099.49 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0194 | EA | 56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,287.72 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0195 | EA | 60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,379.14 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0196 | EA | 64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,508.21 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0197 | EA | 72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,758.84 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0198 | EA | 80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,979.33 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0199 | EA | 84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 4,113.78 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0200 | EA | 88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 4,275.12 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0201 | | 96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)* | | |
| 08 38 19 00-0202 | EA | 48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,373.77 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0203 | EA | 56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,411.41 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0204 | EA | 60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,567.37 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0205 | EA | 64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,685.68 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0206 | EA | 72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 3,941.69 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0207 | EA | 80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 4,205.20 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0208 | EA | 84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 4,328.90 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0209 | EA | 88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door | 4,490.23 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0210 | | 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)* Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing. | | |
| 08 38 19 00-0211 | | Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)* | | |
| 08 38 19 00-0212 | | 84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)* | | |
| 08 38 19 00-0213 | EA | 24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,508.86 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0214 | EA | 28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,586.84 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0215 | EA | 30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,661.04 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0216 | EA | 32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,706.75 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0217 | EA | 36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,824.01 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0218 | EA | 40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,915.43 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0219 | EA | 42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,000.89 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0220 | EA | 44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,086.94 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0221 | | 90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)* | | |
| 08 38 19 00-0222 | EA | 24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,562.64 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0223 | EA | 28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,656.75 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0224 | EA | 30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,706.75 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0225 | EA | 32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,771.29 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0226 | EA | 36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,896.61 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0227 | EA | 40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,006.86 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0228 | EA | 42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,086.94 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0229 | EA | 44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,167.61 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0230 | | 96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)* | | |
| 08 38 19 00-0231 | EA | 24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,699.77 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0232 | EA | 28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,718.60 | 47.24 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0233 | EA | 30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,800.87 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0234 | EA | 32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,860.02 | 49.38 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0235 | EA | 36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 1,988.03 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0236 | EA | 40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,119.79 | 51.53 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0237 | EA | 42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,194.50 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0238 | EA | 44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,275.17 | 57.98 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

### 08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0241 | EA | 48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 2,991.94 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0242 | EA | 56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,147.89 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0243 | EA | 60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,287.72 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0244 | EA | 64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,379.14 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0245 | EA | 72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,613.64 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0246 | EA | 80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,796.48 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0247 | EA | 84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,941.69 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0248 | EA | 88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 4,113.78 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0250 | EA | 48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,099.49 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0251 | EA | 56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,287.72 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0252 | EA | 60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,379.14 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0253 | EA | 64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,508.21 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0254 | EA | 72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,758.84 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0255 | EA | 80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,979.33 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0256 | EA | 84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 4,113.78 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0257 | EA | 88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 4,275.12 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0258 96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0259 | EA | 48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,373.77 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0260 | EA | 56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,411.41 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0261 | EA | 60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,567.37 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0262 | EA | 64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,685.68 | 81.59 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0263 | EA | 72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 3,941.69 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0264 | EA | 80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 4,205.20 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0265 | EA | 84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 4,328.90 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |
| 08 38 19 00-0266 | EA | 88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door | 4,490.23 | 85.89 |
| | | *For Each 15" x 20" Window, Add* | *6.00* | |
| | | *For Each 18" x 30" Window, Add* | *19.00* | |

### 08 38 19 00-0267 Rigid Impact Traffic Door Accessories *(08 38 19)*

### 08 38 19 00-0268 Bumper Strips For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two bumpers per set.

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0269 | SET | 24" Wide, Bumper Strips For Impact Traffic Doors | 133.85 | 34.36 |
| 08 38 19 00-0270 | SET | 30" Wide, Bumper Strips For Impact Traffic Doors | 147.30 | 34.36 |
| 08 38 19 00-0271 | SET | 36" Wide, Bumper Strips For Impact Traffic Doors | 158.05 | 34.36 |
| 08 38 19 00-0272 | SET | 48" Wide, Bumper Strips For Impact Traffic Doors | 176.87 | 34.36 |

### 08 38 19 00-0273 Easy Spring Bumpers For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two bumpers per set.

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0274 | SET | 18" Height, Easy Spring Bumpers For Impact Traffic Doors | 351.66 | 34.36 |
| 08 38 19 00-0275 | SET | 24" Height, Easy Spring Bumpers For Impact Traffic Doors | 464.59 | 34.36 |
| 08 38 19 00-0276 | SET | 36" Height, Easy Spring Bumpers For Impact Traffic Doors | 682.40 | 34.36 |
| 08 38 19 00-0277 | SET | 42" Height, Easy Spring Bumpers For Impact Traffic Doors | 787.27 | 34.36 |
| 08 38 19 00-0278 | SET | 48" Height, Easy Spring Bumpers For Impact Traffic Doors | 894.82 | 34.36 |

### 08 38 19 00-0279 Scuff Plates For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two 0.090" thermoplastic plates per set.

### 08 38 19 00-0280 12" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0281 | SET | 24" Wide x 12" High, Impact Traffic Door Scuff Plates | 158.05 | 34.36 |
| 08 38 19 00-0282 | SET | 30" Wide x 12" High, Impact Traffic Door Scuff Plates | 168.81 | 34.36 |
| 08 38 19 00-0283 | SET | 36" Wide x 12" High, Impact Traffic Door Scuff Plates | 182.25 | 34.36 |
| 08 38 19 00-0284 | SET | 42" Wide x 12" High, Impact Traffic Door Scuff Plates | 201.07 | 34.36 |
| 08 38 19 00-0285 | SET | 48" Wide x 12" High, Impact Traffic Door Scuff Plates | 211.83 | 34.36 |

### 08 38 19 00-0286 24" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0287 | SET | 24" Wide x 24" High, Impact Traffic Door Scuff Plates | 211.83 | 34.36 |
| 08 38 19 00-0288 | SET | 30" Wide x 24" High, Impact Traffic Door Scuff Plates | 260.23 | 34.36 |
| 08 38 19 00-0289 | SET | 36" Wide x 24" High, Impact Traffic Door Scuff Plates | 287.12 | 34.36 |
| 08 38 19 00-0290 | SET | 42" Wide x 24" High, Impact Traffic Door Scuff Plates | 324.77 | 34.36 |
| 08 38 19 00-0291 | SET | 48" Wide x 24" High, Impact Traffic Door Scuff Plates | 348.97 | 34.36 |

### 08 38 19 00-0292 30" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0293 | SET | 24" Wide x 30" High, Impact Traffic Door Scuff Plates | 260.23 | 34.36 |
| 08 38 19 00-0294 | SET | 30" Wide x 30" High, Impact Traffic Door Scuff Plates | 303.26 | 34.36 |
| 08 38 19 00-0295 | SET | 36" Wide x 30" High, Impact Traffic Door Scuff Plates | 335.52 | 34.36 |
| 08 38 19 00-0296 | SET | 42" Wide x 30" High, Impact Traffic Door Scuff Plates | 394.68 | 34.36 |
| 08 38 19 00-0297 | SET | 48" Wide x 30" High, Impact Traffic Door Scuff Plates | 435.01 | 34.36 |

### 08 38 19 00-0298 36" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0299 | SET | 24" Wide x 36" High, Impact Traffic Door Scuff Plates | 287.12 | 34.36 |
| 08 38 19 00-0300 | SET | 30" Wide x 36" High, Impact Traffic Door Scuff Plates | 335.52 | 34.36 |
| 08 38 19 00-0301 | SET | 36" Wide x 36" High, Impact Traffic Door Scuff Plates | 389.30 | 34.36 |
| 08 38 19 00-0302 | SET | 42" Wide x 36" High, Impact Traffic Door Scuff Plates | 418.88 | 34.36 |
| 08 38 19 00-0303 | SET | 48" Wide x 36" High, Impact Traffic Door Scuff Plates | 464.59 | 34.36 |

### 08 38 19 00-0304 48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0305 | SET | 24" Wide x 48" High, Impact Traffic Door Scuff Plates | 348.97 | 34.36 |
| 08 38 19 00-0306 | SET | 30" Wide x 48" High, Impact Traffic Door Scuff Plates | 435.01 | 34.36 |
| 08 38 19 00-0307 | SET | 36" Wide x 48" High, Impact Traffic Door Scuff Plates | 464.59 | 34.36 |
| 08 38 19 00-0308 | SET | 42" Wide x 48" High, Impact Traffic Door Scuff Plates | 521.06 | 34.36 |
| 08 38 19 00-0309 | SET | 48" Wide x 48" High, Impact Traffic Door Scuff Plates | 582.91 | 34.36 |

### 08 38 19 00-0310 Base Plates For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two base plates per set.

### 08 38 19 00-0311 Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*

### 08 38 19 00-0312 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*

| | | | | |
|---|---|---|---|---|
| 08 38 19 00-0313 | SET | 24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 152.67 | 34.36 |
| 08 38 19 00-0314 | SET | 30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 163.43 | 34.36 |
| 08 38 19 00-0315 | SET | 36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 168.81 | 34.36 |
| 08 38 19 00-0316 | SET | 42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 193.01 | 34.36 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0317 | SET | 48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 203.76 | 34.36 |
| 08 38 19 00-0318 | | 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)* | | |
| 08 38 19 00-0319 | SET | 24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 193.01 | 34.36 |
| 08 38 19 00-0320 | SET | 30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 209.14 | 34.36 |
| 08 38 19 00-0321 | SET | 36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 225.28 | 34.36 |
| 08 38 19 00-0322 | SET | 42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 238.72 | 34.36 |
| 08 38 19 00-0323 | SET | 48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 260.23 | 34.36 |
| 08 38 19 00-0324 | | 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)* | | |
| 08 38 19 00-0325 | SET | 24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 219.90 | 34.36 |
| 08 38 19 00-0326 | SET | 30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 233.34 | 34.36 |
| 08 38 19 00-0327 | SET | 36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 265.61 | 34.36 |
| 08 38 19 00-0328 | SET | 42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 300.57 | 34.36 |
| 08 38 19 00-0329 | SET | 48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 316.70 | 34.36 |
| 08 38 19 00-0330 | | 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)* | | |
| 08 38 19 00-0331 | SET | 24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 233.34 | 34.36 |
| 08 38 19 00-0332 | SET | 30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 260.23 | 34.36 |
| 08 38 19 00-0333 | SET | 36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 300.57 | 34.36 |
| 08 38 19 00-0334 | SET | 42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 332.83 | 34.36 |
| 08 38 19 00-0335 | SET | 48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 351.66 | 34.36 |
| 08 38 19 00-0336 | | 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)* | | |
| 08 38 19 00-0337 | SET | 24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 295.19 | 34.36 |
| 08 38 19 00-0338 | SET | 30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 332.83 | 34.36 |
| 08 38 19 00-0339 | SET | 36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 383.92 | 34.36 |
| 08 38 19 00-0340 | SET | 42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 408.12 | 34.36 |
| 08 38 19 00-0341 | SET | 48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors | 440.39 | 34.36 |
| 08 38 19 00-0342 | | Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)* | | |
| 08 38 19 00-0343 | | 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)* | | |
| 08 38 19 00-0344 | SET | 24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 201.07 | 34.36 |
| 08 38 19 00-0345 | SET | 30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 211.83 | 34.36 |
| 08 38 19 00-0346 | SET | 36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 244.10 | 34.36 |
| 08 38 19 00-0347 | SET | 42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 260.23 | 34.36 |
| 08 38 19 00-0348 | SET | 48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 305.94 | 34.36 |
| 08 38 19 00-0349 | | 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)* | | |
| 08 38 19 00-0350 | SET | 24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 276.37 | 34.36 |
| 08 38 19 00-0351 | SET | 30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 324.77 | 34.36 |
| 08 38 19 00-0352 | SET | 36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 373.17 | 34.36 |
| 08 38 19 00-0353 | SET | 42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 432.32 | 34.36 |
| 08 38 19 00-0354 | SET | 48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 486.10 | 34.36 |
| 08 38 19 00-0355 | | 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)* | | |
| 08 38 19 00-0356 | SET | 24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 314.01 | 34.36 |
| 08 38 19 00-0357 | SET | 30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 378.55 | 34.36 |
| 08 38 19 00-0358 | SET | 36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 437.70 | 34.36 |
| 08 38 19 00-0359 | SET | 42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 499.55 | 34.36 |
| 08 38 19 00-0360 | SET | 48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 572.15 | 34.36 |
| 08 38 19 00-0361 | | 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)* | | |
| 08 38 19 00-0362 | SET | 24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 362.41 | 34.36 |
| 08 38 19 00-0363 | SET | 30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 432.32 | 34.36 |
| 08 38 19 00-0364 | SET | 36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 512.99 | 34.36 |
| 08 38 19 00-0365 | SET | 42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 590.97 | 34.36 |
| 08 38 19 00-0366 | SET | 48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 658.20 | 34.36 |
| 08 38 19 00-0367 | | 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)* | | |
| 08 38 19 00-0368 | SET | 24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 448.46 | 34.36 |
| 08 38 19 00-0369 | SET | 30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 615.17 | 34.36 |
| 08 38 19 00-0370 | SET | 36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 658.20 | 34.36 |
| 08 38 19 00-0371 | SET | 42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 787.27 | 34.36 |
| 08 38 19 00-0372 | SET | 48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 862.56 | 34.36 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0373 | | One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)* | | |
| 08 38 19 00-0374 | | 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)* | | |
| 08 38 19 00-0375 | SET | 24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 179.56 | 34.36 |
| 08 38 19 00-0376 | SET | 30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 193.01 | 34.36 |
| 08 38 19 00-0377 | SET | 36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 209.14 | 34.36 |
| 08 38 19 00-0378 | SET | 42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 227.96 | 34.36 |
| 08 38 19 00-0379 | SET | 48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 257.54 | 34.36 |
| 08 38 19 00-0380 | | 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)* | | |
| 08 38 19 00-0381 | SET | 24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 238.72 | 34.36 |
| 08 38 19 00-0382 | SET | 30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 270.99 | 34.36 |
| 08 38 19 00-0383 | SET | 36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 303.26 | 34.36 |
| 08 38 19 00-0384 | SET | 42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 338.21 | 34.36 |
| 08 38 19 00-0385 | SET | 48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 378.55 | 34.36 |
| 08 38 19 00-0386 | | 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)* | | |
| 08 38 19 00-0387 | SET | 24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 270.99 | 34.36 |
| 08 38 19 00-0388 | SET | 30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 311.32 | 34.36 |
| 08 38 19 00-0389 | SET | 36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 357.03 | 34.36 |
| 08 38 19 00-0390 | SET | 42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 413.50 | 34.36 |
| 08 38 19 00-0391 | SET | 48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 451.15 | 34.36 |
| 08 38 19 00-0392 | | 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)* | | |
| 08 38 19 00-0393 | SET | 24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 303.26 | 34.36 |
| 08 38 19 00-0394 | SET | 30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 357.03 | 34.36 |
| 08 38 19 00-0395 | SET | 36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 413.50 | 34.36 |
| 08 38 19 00-0396 | SET | 42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 469.97 | 34.36 |
| 08 38 19 00-0397 | SET | 48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 510.30 | 34.36 |
| 08 38 19 00-0398 | | 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)* | | |
| 08 38 19 00-0399 | SET | 24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 378.55 | 34.36 |
| 08 38 19 00-0400 | SET | 30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 461.90 | 34.36 |
| 08 38 19 00-0401 | SET | 36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 510.30 | 34.36 |
| 08 38 19 00-0402 | SET | 42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 607.11 | 34.36 |
| 08 38 19 00-0403 | SET | 48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors | 634.00 | 34.36 |
| 08 38 19 00-0404 | | Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)* | | |
| 08 38 19 00-0405 | EA | 3" x 9", Jamb Guard For Impact Traffic Doors | 244.61 | 42.94 |
| 08 38 19 00-0406 | EA | 5" x 18", Jamb Guard For Impact Traffic Doors | 325.28 | 42.94 |
| 08 38 19 00-0407 | EA | 5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors | 621.06 | 42.94 |
| 08 38 19 00-0408 | | Other Impact Traffic Door Accessories *(08 38 19 00-0267)* | | |
| 08 38 19 00-0409 | EA | Push Plate For Impact Traffic Doors | 64.49 | 21.47 |
| 08 38 19 00-0410 | EA | Pull Handle For Impact Traffic Doors | 83.32 | 21.47 |
| 08 38 19 00-0411 | EA | Deadbolt Lock For Impact Traffic Doors | 198.94 | 21.47 |
| 08 38 19 00-0412 | PR | Lock Hole Reinforcements For Impact Traffic Doors | 247.34 | 21.47 |
| 08 38 19 00-0413 | PR | Padlock Brackets For Impact Traffic Doors | 102.14 | 21.47 |
| 08 38 19 00-0414 | | Impact Traffic Door Knock Down Frames *(08 38 19)* Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations. | | |
| 08 38 19 00-0415 | | Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)* | | |
| 08 38 19 00-0416 | | 84" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)* | | |
| 08 38 19 00-0417 | EA | 24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame | 609.10 | 64.42 |
| 08 38 19 00-0418 | EA | 28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame | 713.47 | 70.85 |
| 08 38 19 00-0419 | EA | 30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame | 731.20 | 75.15 |
| 08 38 19 00-0420 | EA | 32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame | 752.07 | 81.59 |
| 08 38 19 00-0421 | EA | 36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame | 770.96 | 85.89 |
| 08 38 19 00-0422 | EA | 40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame | 804.20 | 90.19 |
| 08 38 19 00-0423 | EA | 42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame | 829.31 | 94.48 |
| 08 38 19 00-0424 | EA | 44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame | 846.93 | 98.77 |
| 08 38 19 00-0425 | | 90" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)* | | |
| 08 38 19 00-0426 | EA | 24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame | 621.10 | 64.42 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 38 19 00-0427 | EA | 28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame | 727.75 | 70.85 |
| 08 38 19 00-0428 | EA | 30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame | 745.72 | 75.15 |
| 08 38 19 00-0429 | EA | 32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame | 766.79 | 81.59 |
| 08 38 19 00-0430 | EA | 36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame | 785.94 | 85.89 |
| 08 38 19 00-0431 | EA | 40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame | 819.79 | 90.19 |
| 08 38 19 00-0432 | EA | 42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame | 845.31 | 94.48 |
| 08 38 19 00-0433 | EA | 44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame | 863.17 | 98.77 |
| 08 38 19 00-0434 | | 96" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)* | | |
| 08 38 19 00-0435 | EA | 24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame | 637.04 | 64.42 |
| 08 38 19 00-0436 | EA | 28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame | 746.73 | 70.85 |
| 08 38 19 00-0437 | EA | 30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame | 765.00 | 75.15 |
| 08 38 19 00-0438 | EA | 32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame | 781.62 | 81.59 |
| 08 38 19 00-0439 | EA | 36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame | 805.83 | 85.89 |
| 08 38 19 00-0440 | EA | 40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame | 835.39 | 90.19 |
| 08 38 19 00-0441 | EA | 42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame | 866.58 | 94.48 |
| 08 38 19 00-0442 | EA | 44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame | 885.92 | 96.62 |
| 08 38 19 00-0443 | | Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)* | | |
| 08 38 19 00-0444 | | 84" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)* | | |
| 08 38 19 00-0445 | EA | 48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame | 860.78 | 98.77 |
| 08 38 19 00-0446 | EA | 56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame | 875.53 | 100.49 |
| 08 38 19 00-0447 | EA | 60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame | 892.23 | 103.06 |
| 08 38 19 00-0448 | EA | 64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame | 916.27 | 107.36 |
| 08 38 19 00-0449 | EA | 72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame | 932.25 | 111.66 |
| 08 38 19 00-0450 | EA | 80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame | 961.94 | 112.52 |
| 08 38 19 00-0451 | EA | 84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame | 982.30 | 113.80 |
| 08 38 19 00-0452 | EA | 88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame | 1,007.21 | 115.95 |
| 08 38 19 00-0453 | | 90" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)* | | |
| 08 38 19 00-0454 | EA | 48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame | 877.34 | 98.77 |
| 08 38 19 00-0455 | EA | 56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame | 892.33 | 100.49 |
| 08 38 19 00-0456 | EA | 60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame | 909.38 | 103.06 |
| 08 38 19 00-0457 | EA | 64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame | 933.80 | 107.36 |
| 08 38 19 00-0458 | EA | 72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame | 950.00 | 111.66 |
| 08 38 19 00-0459 | EA | 80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame | 980.36 | 112.52 |
| 08 38 19 00-0460 | EA | 84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame | 1,001.17 | 113.80 |
| 08 38 19 00-0461 | EA | 88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame | 1,026.60 | 115.95 |
| 08 38 19 00-0462 | | 96" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)* | | |
| 08 38 19 00-0463 | EA | 48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame | 896.68 | 98.77 |
| 08 38 19 00-0464 | EA | 56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame | 909.11 | 100.49 |
| 08 38 19 00-0465 | EA | 60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame | 932.16 | 103.06 |
| 08 38 19 00-0466 | EA | 64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame | 951.33 | 107.36 |
| 08 38 19 00-0467 | EA | 72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame | 973.53 | 111.66 |
| 08 38 19 00-0468 | EA | 80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame | 1,007.51 | 112.52 |
| 08 38 19 00-0469 | EA | 84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame | 1,026.23 | 113.80 |
| 08 38 19 00-0470 | EA | 88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame | 1,049.33 | 115.95 |

# 08 40 Entrances, Storefronts, and Curtain Walls *(08)*

## 08 42 Entrances *(08 40)*

### 08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001 Aluminum Framed Entrance Doors *(08 42 13)*

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2087 for exit device, 08 71 11 00-2219 for closer.

| | | | | |
|---|---|---|---|---|
| 08 42 13 00-0002 | EA | 3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors<br>Note: Including Glazing, Trim And Hardware | 4,890.25 | 641.53 |
| | | *For 8' High Door, Add* | *451.77* | |
| | | *For 10' High Door, Add* | *982.11* | |
| | | *For 1" Insulated Glazing, Add* | *85.77* | |
| 08 42 13 00-0003 | EA | 3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors<br>Note: Including Glazing, Trim And Hardware | 4,915.70 | 641.53 |
| | | *For 8' High Door, Add* | *454.70* | |
| | | *For 10' High Door, Add* | *988.47* | |
| | | *For 1" Insulated Glazing, Add* | *85.77* | |
| 08 42 13 00-0004 | PR | 6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors<br>Note: Including Glazing, Trim And Hardware | 8,246.58 | 962.11 |
| | | *For 8' High Door, Add* | *782.77* | |
| | | *For 10' High Door, Add* | *1,701.68* | |
| | | *For 1" Insulated Glazing, Add* | *171.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 42 13 00-0005 | PR | 7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors<br>Note: Including Glazing, Trim And Hardware | 9,499.01 | 962.11 |
| | | *For 8' High Door, Add* | *926.80* | |
| | | *For 10' High Door, Add* | *2,014.79* | |
| | | *For 1" Insulated Glazing, Add* | *171.54* | |
| 08 42 13 00-0006 | EA | 3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors<br>Note: Including Glazing, Trim And Hardware | 5,424.82 | 641.53 |
| | | *For 8' High Door, Add* | *513.25* | |
| | | *For 10' High Door, Add* | *1,115.75* | |
| | | *For 1" Insulated Glazing, Add* | *85.77* | |
| 08 42 13 00-0007 | EA | 3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors<br>Note: Including Glazing, Trim And Hardware | 5,483.37 | 641.53 |
| | | *For 8' High Door, Add* | *519.98* | |
| | | *For 10' High Door, Add* | *1,130.39* | |
| | | *For 1" Insulated Glazing, Add* | *85.77* | |
| 08 42 13 00-0008 | PR | 6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors<br>Note: Including Glazing, Trim And Hardware | 9,257.18 | 962.11 |
| | | *For 8' High Door, Add* | *898.99* | |
| | | *For 10' High Door, Add* | *1,954.33* | |
| | | *For 1" Insulated Glazing, Add* | *171.54* | |
| 08 42 13 00-0009 | PR | 7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors<br>Note: Including Glazing, Trim And Hardware | 10,480.10 | 962.11 |
| | | *For 8' High Door, Add* | *1,039.63* | |
| | | *For 10' High Door, Add* | *2,260.06* | |
| | | *For 1" Insulated Glazing, Add* | *171.54* | |

## 08 42 26 All-Glass Entrances *(08 42)*

### 08 42 26 00-0001 Full Glass Entrance Doors *(08 42 26)*

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

| | | | | |
|---|---|---|---|---|
| 08 42 26 00-0002 | EA | 3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door<br>Note: Including Trim And Hardware | 4,504.64 | 240.46 |
| | | *For Anodized Color, Add* | *637.71* | |
| | | *For Stainless Steel, Add* | *2,302.83* | |
| | | *For 8' High Door, Add* | *407.42* | |
| | | *For 10' High Door, Add* | *885.71* | |
| | | *For 1" Insulated Glazing, Add* | *85.77* | |
| 08 42 26 00-0003 | PR | 6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2")<br>Note: Including Trim And Hardware | 8,063.31 | 288.55 |
| | | *For Anodized Color, Add* | *1,204.07* | |
| | | *For Stainless Steel, Add* | *4,348.03* | |
| | | *For 8' High Door, Add* | *769.27* | |
| | | *For 10' High Door, Add* | *1,672.32* | |
| | | *For 1" Insulated Glazing, Add* | *171.54* | |
| 08 42 26 00-0004 | EA | 3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door<br>Note: Including Trim And Hardware | 5,142.89 | 240.46 |
| | | *For Anodized Color, Add* | *752.59* | |
| | | *For Stainless Steel, Add* | *2,717.70* | |
| | | *For 8' High Door, Add* | *480.82* | |
| | | *For 10' High Door, Add* | *1,045.27* | |
| | | *For 1" Insulated Glazing, Add* | *85.77* | |
| 08 42 26 00-0005 | PR | 6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8")<br>Note: Including Trim And Hardware | 9,437.53 | 288.55 |
| | | *For Anodized Color, Add* | *1,451.43* | |
| | | *For Stainless Steel, Add* | *5,241.28* | |
| | | *For 8' High Door, Add* | *927.30* | |
| | | *For 10' High Door, Add* | *2,015.88* | |
| | | *For 1" Insulated Glazing, Add* | *171.54* | |
| 08 42 26 00-0006 | EA | 3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door<br>Note: Including Trim And Hardware | 5,778.65 | 240.46 |
| | | *For Anodized Color, Add* | *867.03* | |
| | | *For Stainless Steel, Add* | *3,130.94* | |
| | | *For 8' High Door, Add* | *553.94* | |
| | | *For 10' High Door, Add* | *1,204.21* | |
| | | *For 1" Insulated Glazing, Add* | *85.77* | |
| 08 42 26 00-0007 | PR | 6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4")<br>Note: Including Trim And Hardware | 10,809.49 | 288.55 |
| | | *For Anodized Color, Add* | *1,698.38* | |
| | | *For Stainless Steel, Add* | *6,133.05* | |
| | | *For 8' High Door, Add* | *1,085.08* | |
| | | *For 10' High Door, Add* | *2,358.87* | |
| | | *For 1" Insulated Glazing, Add* | *171.54* | |
| 08 42 26 00-0008 | EA | 3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door<br>Note: Including Trim And Hardware | 7,052.63 | 240.46 |
| | | *For Anodized Color, Add* | *1,096.35* | |
| | | *For Stainless Steel, Add* | *3,959.03* | |
| | | *For 8' High Door, Add* | *700.44* | |
| | | *For 10' High Door, Add* | *1,522.70* | |
| | | *For 1" Insulated Glazing, Add* | *85.77* | |
| 08 42 26 00-0009 | PR | 6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1")<br>Note: Including Trim And Hardware | 13,555.66 | 288.55 |
| | | *For Anodized Color, Add* | *2,192.69* | |
| | | *For Stainless Steel, Add* | *7,918.06* | |
| | | *For 8' High Door, Add* | *1,400.89* | |
| | | *For 10' High Door, Add* | *3,045.41* | |
| | | *For 1" Insulated Glazing, Add* | *171.54* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 42 26 00-0010 | | Frames For Full Glass Doors *(08 42 26)* | | |
| 08 42 26 00-0011 | LF | Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head | 23.63 | 2.88 |
| 08 42 26 00-0012 | LF | Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head | 30.61 | 3.85 |
| **08 42 29** | | **Automatic Entrances** *(08 42)* | | |
| **08 42 29 23** | | **Sliding Automatic Entrances** *(08 42 29)* | | |
| | | Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing. | | |
| 08 42 29 23-0001 | | Bronze Finished Framed Sliding Automatic Entrances *(08 42 29 23)* | | |
| 08 42 29 23-0002 | | 2 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)* | | |
| | | Note: Single sliding. | | |
| 08 42 29 23-0003 | EA | 5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance | 2,092.26 | 96.18 |
| 08 42 29 23-0004 | EA | 6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance | 2,329.61 | 129.85 |
| 08 42 29 23-0005 | EA | 7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance | 2,534.80 | 144.28 |
| 08 42 29 23-0006 | EA | 8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance | 2,734.31 | 158.70 |
| 08 42 29 23-0007 | EA | 10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance | 3,589.53 | 192.37 |
| 08 42 29 23-0008 | EA | 12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance | 3,732.51 | 226.03 |
| 08 42 29 23-0009 | EA | 15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance | 4,981.42 | 259.69 |
| 08 42 29 23-0010 | | 4 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)* | | |
| | | Note: Bi-parting. | | |
| 08 42 29 23-0011 | EA | 12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance | 4,199.06 | 240.46 |
| 08 42 29 23-0012 | EA | 14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance | 4,604.23 | 264.50 |
| 08 42 29 23-0013 | EA | 16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance | 5,009.39 | 288.55 |
| 08 42 29 23-0014 | EA | 18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance | 6,049.80 | 312.59 |
| 08 42 29 23-0015 | EA | 20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance | 7,090.21 | 336.54 |
| 08 42 29 23-0016 | | Aluminum Finished Framed Sliding Automatic Entrances *(08 42 29 23)* | | |
| 08 42 29 23-0017 | | 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)* | | |
| | | Note: Single sliding. | | |
| 08 42 29 23-0018 | EA | 5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 1,913.27 | 96.18 |
| 08 42 29 23-0019 | EA | 6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 2,134.62 | 129.85 |
| 08 42 29 23-0020 | EA | 7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 2,319.91 | 144.28 |
| 08 42 29 23-0021 | EA | 8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 2,506.61 | 158.70 |
| 08 42 29 23-0022 | EA | 10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 3,287.63 | 192.37 |
| 08 42 29 23-0023 | EA | 12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 3,423.46 | 226.03 |
| 08 42 29 23-0024 | EA | 15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 4,561.10 | 259.69 |
| 08 42 29 23-0025 | | 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)* | | |
| | | Note: Bi-parting. | | |
| 08 42 29 23-0026 | EA | 12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 3,848.80 | 240.46 |
| 08 42 29 23-0027 | EA | 14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 4,220.31 | 264.50 |
| 08 42 29 23-0028 | EA | 16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 4,591.82 | 288.55 |
| 08 42 29 23-0029 | EA | 18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 5,538.76 | 312.59 |
| 08 42 29 23-0030 | EA | 20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance | 6,485.72 | 336.54 |
| 08 42 29 23-0031 | | Stainless Steel Framed Sliding Automatic Entrances *(08 42 29 23)* | | |
| 08 42 29 23-0032 | | 2 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)* | | |
| | | Note: Single sliding. | | |
| 08 42 29 23-0033 | EA | 5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance | 2,394.77 | 96.18 |
| 08 42 29 23-0034 | EA | 6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance | 2,659.22 | 129.85 |
| 08 42 29 23-0035 | EA | 7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance | 3,090.30 | 144.28 |
| 08 42 29 23-0036 | EA | 8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance | 3,545.79 | 158.70 |
| 08 42 29 23-0037 | EA | 10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance | 4,099.86 | 192.37 |
| 08 42 29 23-0038 | EA | 12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance | 4,254.86 | 226.03 |
| 08 42 29 23-0039 | EA | 15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance | 5,691.97 | 259.69 |
| 08 42 29 23-0040 | | 4 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)* | | |
| | | Note: Bi-parting. | | |
| 08 42 29 23-0041 | EA | 12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance | 4,791.14 | 240.46 |
| 08 42 29 23-0042 | EA | 14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance | 5,253.14 | 264.50 |
| 08 42 29 23-0043 | EA | 16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance | 5,715.15 | 288.55 |
| 08 42 29 23-0044 | EA | 18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance | 6,913.59 | 312.59 |
| 08 42 29 23-0045 | EA | 20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance | 8,112.04 | 336.63 |
| 08 42 29 23-0046 | | Accessories For Sliding Automatic Entrances *(08 42 29 23)* | | |
| | | See CSI section 08 42 29 33-0006 for activation devices. | | |
| 08 42 29 23-0047 | EA | Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls<br>Note: Includes motor for pair of sliding doors (2 panels). | 5,024.25 | 858.90 |
| 08 42 29 23-0048 | EA | Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls<br>Note: Includes motor for pair of sliding doors (4 panel). | 8,442.99 | 1,288.34 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 08 42 29 33 Swinging Automatic Entrances *(08 42 29)*

Note: Excludes glazing.

### 08 42 29 33-0001 Swing Door Operators, Up To 350 LB Panel Weight *(08 42 29 33)*

Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.

| | | | | |
|---|---|---|---|---|
| 08 42 29 33-0002 | EA | Concealed Single Door Swing Door Operator, Up To 350 LB Panel | 3,924.21 | 549.96 |
| | | Note: For new storefront or existing concealed operator installations. | | |
| 08 42 29 33-0003 | EA | Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel | 6,749.16 | 733.33 |
| | | Note: For new storefront or existing concealed operator installations. | | |
| 08 42 29 33-0004 | EA | Exposed Single Door Swing Door Operator, Up To 350 LB Panel | 3,263.15 | 439.97 |
| 08 42 29 33-0005 | EA | Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel | 5,865.74 | 659.96 |

### 08 42 29 33-0006 Activation Devices For Door Operators *(08 42 29 33)*

| | | | | |
|---|---|---|---|---|
| 08 42 29 33-0007 | EA | Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) | 429.22 | 44.00 |
| | | Note: Includes wiring harness and relays. | | |
| 08 42 29 33-0008 | EA | On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS) | 380.85 | 44.00 |
| | | Note: Includes wiring harness and relays. | | |
| 08 42 29 33-0009 | EA | Microwave Motion Sensor For Door Operator (MS Sedco D38) | 384.70 | 44.00 |
| | | Note: Includes wiring harness and relays. | | |
| 08 42 29 33-0010 | EA | 4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H) | 179.75 | 44.00 |
| | | Note: Excludes wiring from operator to push plate. | | |
| 08 42 29 33-0011 | EA | 1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H) | 193.08 | 44.00 |
| | | Note: Excludes wiring from operator to push button. | | |
| 08 42 29 33-0012 | EA | 1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425) | 130.48 | 44.00 |
| | | Note: Excludes wiring from operator to push button. | | |
| 08 42 29 33-0013 | EA | Radio Control System For Door Operator (MS Sedco Clearpath) | 654.88 | 109.99 |
| | | Note: Includes receiver and two push plate transmitters. | | |
| | | *For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct* | *-64.00* | |
| 08 42 29 33-0014 | EA | Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) | 927.11 | 54.99 |
| | | Note: Includes wiring harness and relays. | | |
| 08 42 29 33-0015 | EA | Guard Rail For Door With Operator | 231.03 | 54.99 |

## 08 42 33 Revolving Door Entrances *(08 42)*

### 08 42 33 00-0001 Aluminum Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

| | | | | |
|---|---|---|---|---|
| 08 42 33 00-0002 | EA | 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware | 34,866.65 | 5,074.01 |
| | | *For Automatic Controls, Add* | *7,640.73* | |
| | | *For Powder Coated, Add* | *1,441.80* | |
| 08 42 33 00-0003 | EA | 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware | 46,901.29 | 7,611.12 |
| | | *For Automatic Controls, Add* | *9,036.09* | |
| | | *For Powder Coated, Add* | *1,811.78* | |
| 08 42 33 00-0004 | EA | 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware | 72,125.50 | 9,133.30 |
| | | *For Automatic Controls, Add* | *9,873.32* | |
| | | *For Powder Coated, Add* | *3,204.00* | |
| 08 42 33 00-0005 | EA | 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware | 38,820.39 | 5,581.36 |
| | | *For Automatic Controls, Add* | *7,925.50* | |
| | | *For Powder Coated, Add* | *1,614.66* | |
| 08 42 33 00-0006 | EA | 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware | 51,972.85 | 8,372.49 |
| | | *For Automatic Controls, Add* | *9,416.65* | |
| | | *For Powder Coated, Add* | *2,029.00* | |
| 08 42 33 00-0007 | EA | 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware | 80,572.16 | 10,046.63 |
| | | *For Automatic Controls, Add* | *10,431.46* | |
| | | *For Powder Coated, Add* | *3,588.12* | |

### 08 42 33 00-0008 Stainless Steel Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

| | | | | |
|---|---|---|---|---|
| 08 42 33 00-0009 | EA | 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware | 35,822.41 | 5,074.01 |
| | | *For Automatic Controls, Add* | *7,640.73* | |
| 08 42 33 00-0010 | EA | 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware | 48,102.31 | 7,611.12 |
| | | *For Automatic Controls, Add* | *9,036.09* | |
| 08 42 33 00-0011 | EA | 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware | 74,249.40 | 9,133.30 |
| | | *For Automatic Controls, Add* | *9,873.32* | |
| 08 42 33 00-0012 | EA | 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware | 39,893.28 | 5,581.36 |
| | | *For Automatic Controls, Add* | *7,925.50* | |
| 08 42 33 00-0013 | EA | 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware | 53,321.06 | 8,372.49 |
| | | *For Automatic Controls, Add* | *9,416.65* | |
| 08 42 33 00-0014 | EA | 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware | 82,956.36 | 10,046.63 |
| | | *For Automatic Controls, Add* | *10,431.46* | |

### 08 42 33 00-0015 Bronze Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

| | | | | |
|---|---|---|---|---|
| 08 42 33 00-0016 | EA | 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware | 32,451.82 | 5,074.01 |
| | | *For Automatic Controls, Add* | *7,640.73* | |
| 08 42 33 00-0017 | EA | 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware | 43,866.78 | 7,611.12 |
| | | *For Automatic Controls, Add* | *9,036.09* | |
| 08 42 33 00-0018 | EA | 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware | 66,759.20 | 9,133.30 |
| | | *For Automatic Controls, Add* | *9,873.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 42 33 00-0019 | EA | 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware | 36,118.22 | 5,581.36 |
| | | *For Automatic Controls, Add* | *7,925.50* | |
| 08 42 33 00-0020 | EA | 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware | 48,577.27 | 8,372.49 |
| | | *For Automatic Controls, Add* | *9,416.65* | |
| 08 42 33 00-0021 | EA | 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware | 74,567.33 | 10,046.63 |
| | | *For Automatic Controls, Add* | *10,431.46* | |

### 08 42 36 Balanced Door Entrances *(08 42)*

08 42 36 00-0001 Balanced Doors, With Glass *(08 42 36)*

Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.

| | | | | |
|---|---|---|---|---|
| 08 42 36 00-0002 | EA | 2'-6" x 7'-0" Balanced Door, Stainless Steel | 23,290.16 | 249.50 |
| | | *For Bronze Instead Of Stainless Steel, Deduct* | *-5,666.55* | |
| | | *For 70% Fluoropolymer Exterior Finish (Duranar), Add* | *2,266.62* | |
| | | *For Tinted Glass, Add* | *1,133.31* | |
| | | *For Aluminum, Painted Finish, Deduct* | *-6,799.86* | |
| 08 42 36 00-0003 | EA | 3'-0" x 7'-0" Balanced Door, Stainless Steel | 24,210.64 | 249.50 |
| | | *For Bronze Instead Of Stainless Steel, Deduct* | *-5,896.67* | |
| | | *For 70% Fluoropolymer Exterior Finish (Duranar), Add* | *2,358.67* | |
| | | *For Tinted Glass, Add* | *1,179.33* | |
| | | *For Aluminum, Painted Finish, Deduct* | *-7,076.01* | |
| 08 42 36 00-0004 | EA | 3'-6" x 7'-0" Balanced Door, Stainless Steel | 26,446.24 | 249.50 |
| | | *For Bronze Instead Of Stainless Steel, Deduct* | *-6,455.57* | |
| | | *For 70% Fluoropolymer Exterior Finish (Duranar), Add* | *2,582.23* | |
| | | *For Tinted Glass, Add* | *1,291.11* | |
| | | *For Aluminum, Painted Finish, Deduct* | *-7,746.69* | |
| 08 42 36 00-0005 | EA | 4'-0" x 7'-0" Balanced Door, Stainless Steel | 29,076.41 | 249.50 |
| | | *For Bronze Instead Of Stainless Steel, Deduct* | *-7,113.12* | |
| | | *For 70% Fluoropolymer Exterior Finish (Duranar), Add* | *2,845.25* | |
| | | *For Tinted Glass, Add* | *1,422.62* | |
| | | *For Aluminum, Painted Finish, Deduct* | *-8,535.74* | |
| 08 42 36 00-0006 | PR | Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel | 48,358.94 | 474.20 |
| | | *For Bronze Instead Of Stainless Steel, Deduct* | *-11,793.36* | |
| | | *For 70% Fluoropolymer Exterior Finish (Duranar), Add* | *4,717.34* | |
| | | *For Tinted Glass, Add* | *2,358.67* | |
| | | *For Aluminum, Painted Finish, Deduct* | *-14,152.03* | |

## 08 43 Storefronts *(08 40)*

### 08 43 13 Aluminum-Framed Storefronts *(08 43)*

08 43 13 00-0001 Aluminum Storefront Framing Assembly *(08 43 13)*

Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0002 for tempered glazing, 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.

08 43 13 00-0002 1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

| | | | | |
|---|---|---|---|---|
| 08 43 13 00-0003 | SF | 5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 24.44 | 7.06 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.82* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.47* | |
| 08 43 13 00-0004 | SF | 6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 21.96 | 6.35 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.74* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.22* | |
| 08 43 13 00-0005 | SF | 7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 20.18 | 5.86 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.68* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.04* | |
| 08 43 13 00-0006 | SF | 8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 18.86 | 5.49 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.63* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.90* | |
| 08 43 13 00-0007 | SF | 9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 17.83 | 5.19 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.60* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.79* | |
| 08 43 13 00-0008 | SF | 10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 17.01 | 4.96 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.57* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.71* | |
| 08 43 13 00-0009 | SF | 11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 16.33 | 4.77 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.55* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.64* | |
| 08 43 13 00-0010 | SF | 12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 15.77 | 4.61 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.53* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.58* | |

08 43 13 00-0011 1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 43 13 00-0012 | SF | 5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 31.89 | 9.24 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.08* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.23* | |
| 08 43 13 00-0013 | SF | 6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 28.13 | 8.18 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.95* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.85* | |
| 08 43 13 00-0014 | SF | 7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 25.56 | 7.40 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.86* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.58* | |
| 08 43 13 00-0015 | SF | 8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 23.57 | 6.83 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.79* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.37* | |
| 08 43 13 00-0016 | SF | 9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 22.01 | 6.35 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.74* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.21* | |
| 08 43 13 00-0017 | SF | 10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 20.73 | 6.06 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.70* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.09* | |
| 08 43 13 00-0018 | SF | 11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 19.77 | 5.77 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.66* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.98* | |
| 08 43 13 00-0019 | SF | 12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 18.91 | 5.49 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.63* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.90* | |

### 08 43 13 00-0020 1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

| | | | | |
|---|---|---|---|---|
| 08 43 13 00-0021 | SF | 5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 39.35 | 11.34 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.33* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.99* | |
| 08 43 13 00-0022 | SF | 6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 34.42 | 9.90 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.16* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.48* | |
| 08 43 13 00-0023 | SF | 7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 30.87 | 8.94 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.04* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.12* | |
| 08 43 13 00-0024 | SF | 8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 28.21 | 8.18 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.95* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.85* | |
| 08 43 13 00-0025 | SF | 9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 26.08 | 7.59 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.88* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.63* | |
| 08 43 13 00-0026 | SF | 10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 24.47 | 7.12 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.82* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.47* | |
| 08 43 13 00-0027 | SF | 11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 23.13 | 6.74 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.78* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.33* | |
| 08 43 13 00-0028 | SF | 12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 22.00 | 6.44 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.74* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.21* | |

### 08 43 13 00-0029 2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

| | | | | |
|---|---|---|---|---|
| 08 43 13 00-0030 | SF | 5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 25.18 | 7.40 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.84* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.53* | |
| 08 43 13 00-0031 | SF | 6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 22.64 | 6.64 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.75* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.26* | |
| 08 43 13 00-0032 | SF | 7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 20.72 | 6.15 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.69* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.07* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 43 13 00-0033 | SF | 8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 19.33 | 5.77 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.64* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.92* | |
| 08 43 13 00-0034 | SF | 9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 18.24 | 5.38 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.60* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.81* | |
| 08 43 13 00-0035 | SF | 10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 17.46 | 5.19 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.57* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.72* | |
| 08 43 13 00-0036 | SF | 11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 16.66 | 5.00 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.55* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.65* | |
| 08 43 13 00-0037 | SF | 12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 16.13 | 4.81 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.53* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.59* | |

## 08 43 13 00-0038 2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

| | | | | |
|---|---|---|---|---|
| 08 43 13 00-0039 | SF | 5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 33.44 | 10.00 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.09* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.28* | |
| 08 43 13 00-0040 | SF | 6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 29.42 | 8.84 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.96* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.89* | |
| 08 43 13 00-0041 | SF | 7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 26.60 | 7.99 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.87* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.61* | |
| 08 43 13 00-0042 | SF | 8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 24.46 | 7.40 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.80* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.40* | |
| 08 43 13 00-0043 | SF | 9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 22.89 | 6.93 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.74* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.23* | |
| 08 43 13 00-0044 | SF | 10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 21.48 | 6.54 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.70* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.10* | |
| 08 43 13 00-0045 | SF | 11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 20.40 | 6.15 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.66* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.99* | |
| 08 43 13 00-0046 | SF | 12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 19.51 | 5.87 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.63* | |
| | | *For Black Color Class I Anodized Finish, Add* | *1.90* | |

## 08 43 13 00-0047 2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

| | | | | |
|---|---|---|---|---|
| 08 43 13 00-0048 | SF | 5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 40.43 | 11.93 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.35* | |
| | | *For Black Color Class I Anodized Finish, Add* | *4.04* | |
| 08 43 13 00-0049 | SF | 6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 35.32 | 10.39 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.17* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.52* | |
| 08 43 13 00-0050 | SF | 7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 31.63 | 9.33 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.05* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.15* | |
| 08 43 13 00-0051 | SF | 8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 28.93 | 8.56 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.96* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.87* | |
| 08 43 13 00-0052 | SF | 9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 26.75 | 7.89 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.88* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.65* | |
| 08 43 13 00-0053 | SF | 10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 25.02 | 7.40 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.83* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 43 13 00-0054 | SF | 11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 23.66 | 7.02 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.78* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.34* | |
| 08 43 13 00-0055 | SF | 12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 22.41 | 6.74 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.74* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.22* | |

### 08 43 13 00-0056 2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

| | | | | |
|---|---|---|---|---|
| 08 43 13 00-0057 | SF | 5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 31.24 | 7.59 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.19* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.56* | |
| 08 43 13 00-0058 | SF | 6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 28.10 | 6.83 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.07* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.20* | |
| 08 43 13 00-0059 | SF | 7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 25.90 | 6.25 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.98* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.95* | |
| 08 43 13 00-0060 | SF | 8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 24.25 | 5.87 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.92* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.76* | |
| 08 43 13 00-0061 | SF | 9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 22.95 | 5.58 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.87* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.61* | |
| 08 43 13 00-0062 | SF | 10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 21.90 | 5.29 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.83* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.49* | |
| 08 43 13 00-0063 | SF | 11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 21.08 | 5.10 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.80* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.39* | |
| 08 43 13 00-0064 | SF | 12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 20.33 | 4.90 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.77* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.31* | |

### 08 43 13 00-0065 2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

| | | | | |
|---|---|---|---|---|
| 08 43 13 00-0066 | SF | 5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 41.26 | 10.20 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.55* | |
| | | *For Black Color Class I Anodized Finish, Add* | *4.64* | |
| 08 43 13 00-0067 | SF | 6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 36.44 | 9.05 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.37* | |
| | | *For Black Color Class I Anodized Finish, Add* | *4.10* | |
| 08 43 13 00-0068 | SF | 7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 33.05 | 8.18 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.24* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.72* | |
| 08 43 13 00-0069 | SF | 8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 30.50 | 7.50 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.14* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.43* | |
| 08 43 13 00-0070 | SF | 9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 28.49 | 7.02 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.07* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.21* | |
| 08 43 13 00-0071 | SF | 10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 26.90 | 6.64 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.01* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.03* | |
| 08 43 13 00-0072 | SF | 11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 25.62 | 6.35 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.96* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.88* | |
| 08 43 13 00-0073 | SF | 12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 24.46 | 6.06 |
| | | *For Various Color Class I Anodized Finish, Add* | *0.92* | |
| | | *For Black Color Class I Anodized Finish, Add* | *2.76* | |

### 08 43 13 00-0074 2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 43 13 00-0075 | SF | 5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 49.75 | 11.93 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.91* | |
| | | *For Black Color Class I Anodized Finish, Add* | *5.72* | |
| 08 43 13 00-0076 | SF | 6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 43.73 | 10.58 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.67* | |
| | | *For Black Color Class I Anodized Finish, Add* | *5.00* | |
| 08 43 13 00-0077 | SF | 7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 39.26 | 9.52 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.50* | |
| | | *For Black Color Class I Anodized Finish, Add* | *4.49* | |
| 08 43 13 00-0078 | SF | 8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 35.97 | 8.65 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.37* | |
| | | *For Black Color Class I Anodized Finish, Add* | *4.10* | |
| 08 43 13 00-0079 | SF | 9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 33.34 | 8.08 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.27* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.80* | |
| 08 43 13 00-0080 | SF | 10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 31.26 | 7.59 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.19* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.57* | |
| 08 43 13 00-0081 | SF | 11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 29.49 | 7.12 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.12* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.37* | |
| 08 43 13 00-0082 | SF | 12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly | 28.11 | 6.83 |
| | | *For Various Color Class I Anodized Finish, Add* | *1.07* | |
| | | *For Black Color Class I Anodized Finish, Add* | *3.21* | |

### 08 43 13 00-0083 Accessories For Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 43 13 00-0084 | LF | For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing | 31.84 | 6.40 |
| 08 43 13 00-0085 | LF | For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing | 36.29 | 7.04 |
| 08 43 13 00-0086 | LF | For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing | 55.51 | 7.74 |

## 08 43 19 Stainless-Steel-Framed Storefronts *(08 43)*

### 08 43 19 00-0001 Stainless Steel Storefront Framing Assembly *(08 43 19)*

Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.

| | | | | |
|---|---|---|---|---|
| 08 43 19 00-0002 | SF | Stainless Steel Storefront Framing Assembly | 40.82 | 4.81 |
| | | *For 70% Fluoropolymer Exterior Finish (Duranar), Add* | *3.35* | |

# 08 44 Curtain Wall and Glazed Assemblies *(08 40)*

## 08 44 13 Glazed Aluminum Curtain Walls *(08 44)*

### 08 44 13 00-0001 Curtain Walls *(08 44 13)*

### 08 44 13 00-0002 Coping Sections *(08 44 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 44 13 00-0003 | LF | Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section | 47.74 | 2.88 |
| | | *For Bronze Anodized Aluminum, Add* | *4.63* | |
| | | *For Stainless Steel, Add* | *19.37* | |
| | | *For Black Anodized Finish, Add* | *8.33* | |
| 08 44 13 00-0004 | LF | Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section | 49.39 | 2.88 |
| | | *For Bronze Anodized Aluminum, Add* | *4.88* | |
| | | *For Stainless Steel, Add* | *20.36* | |
| | | *For Black Anodized Finish, Add* | *8.78* | |
| 08 44 13 00-0005 | LF | Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section | 59.62 | 3.85 |
| | | *For Bronze Anodized Aluminum, Add* | *5.79* | |
| | | *For Stainless Steel, Add* | *24.21* | |
| | | *For Black Anodized Finish, Add* | *10.42* | |

### 08 44 13 00-0006 Sill Section *(08 44 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 44 13 00-0007 | LF | Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section | 38.67 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *4.02* | |
| | | *For Stainless Steel, Add* | *16.67* | |
| | | *For Black Anodized Finish, Add* | *7.23* | |
| 08 44 13 00-0008 | LF | Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section | 41.53 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *4.45* | |
| | | *For Stainless Steel, Add* | *18.38* | |
| | | *For Black Anodized Finish, Add* | *8.01* | |
| 08 44 13 00-0009 | LF | Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section | 44.42 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *4.88* | |
| | | *For Stainless Steel, Add* | *20.12* | |
| | | *For Black Anodized Finish, Add* | *8.79* | |

### 08 44 13 00-0010 Aluminum Column Covers *(08 44 13 00-0001)*

Note: Includes all clips and fasteners.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 44 13 00-0011 | LF | Aluminum Column Covers, 1/8" x 26", Shaped | 94.53 | 4.81 |
| | | *For Bronze Anodized Aluminum, Add* | *10.11* | |
| | | *For Stainless Steel, Add* | *41.81* | |
| | | *For Black Anodized Finish, Add* | *18.21* | |
| 08 44 13 00-0012 | LF | Aluminum Column Covers, 1/8" x 34", Shaped | 114.80 | 4.81 |
| | | *For Bronze Anodized Aluminum, Add* | *12.91* | |
| | | *For Stainless Steel, Add* | *53.09* | |
| | | *For Black Anodized Finish, Add* | *23.24* | |
| 08 44 13 00-0013 | LF | Aluminum Column Covers, 1/8" x 38", Shaped | 122.44 | 4.81 |
| | | *For Bronze Anodized Aluminum, Add* | *14.06* | |
| | | *For Stainless Steel, Add* | *57.67* | |
| | | *For Black Anodized Finish, Add* | *25.31* | |
| 08 44 13 00-0014 | | **Spandrel Covers** *(08 44 13 00-0001)* | | |
| | | Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted). | | |
| 08 44 13 00-0015 | SF | 1" Spandrel Cover, Aluminum Both Faces | 37.34 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *4.39* | |
| | | *For Stainless Steel, Add* | *17.95* | |
| | | *For Black Anodized Finish, Add* | *7.90* | |
| 08 44 13 00-0016 | SF | 1" Spandrel Cover, Aluminum Exterior Face | 33.00 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *3.74* | |
| | | *For Stainless Steel, Add* | *15.35* | |
| | | *For Black Anodized Finish, Add* | *6.73* | |
| 08 44 13 00-0017 | SF | 1" Spandrel Cover, Epoxy Both Faces | 68.93 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *9.13* | |
| | | *For Stainless Steel, Add* | *36.91* | |
| | | *For Black Anodized Finish, Add* | *16.43* | |
| 08 44 13 00-0018 | SF | 1" Spandrel Cover, Epoxy Exterior Face Only | 56.69 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *7.29* | |
| | | *For Stainless Steel, Add* | *29.56* | |
| | | *For Black Anodized Finish, Add* | *13.12* | |
| 08 44 13 00-0019 | SF | 2" Spandrel Cover, Aluminum Both Faces | 42.26 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *4.81* | |
| | | *For Stainless Steel, Add* | *19.76* | |
| | | *For Black Anodized Finish, Add* | *8.66* | |
| 08 44 13 00-0020 | SF | 2" Spandrel Cover, Aluminum Exterior Face | 38.15 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *4.20* | |
| | | *For Stainless Steel, Add* | *17.29* | |
| | | *For Black Anodized Finish, Add* | *7.55* | |
| 08 44 13 00-0021 | SF | 2" Spandrel Cover, Epoxy Both Faces | 79.03 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *10.33* | |
| | | *For Stainless Steel, Add* | *41.82* | |
| | | *For Black Anodized Finish, Add* | *18.59* | |
| 08 44 13 00-0022 | SF | 2" Spandrel Cover, Epoxy Exterior Face Only | 64.91 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *8.21* | |
| | | *For Stainless Steel, Add* | *33.35* | |
| | | *For Black Anodized Finish, Add* | *14.78* | |
| 08 44 13 00-0023 | | **Curtain Wall, Aluminum System Framing Sections** *(08 44 13 00-0001)* | | |
| | | Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness. | | |
| 08 44 13 00-0024 | LF | Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls | 53.05 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *6.81* | |
| | | *For Stainless Steel, Add* | *27.63* | |
| | | *For Black Anodized Finish, Add* | *12.26* | |
| 08 44 13 00-0025 | LF | Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls | 52.90 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *6.81* | |
| | | *For Stainless Steel, Add* | *27.63* | |
| | | *For Black Anodized Finish, Add* | *12.26* | |
| 08 44 13 00-0026 | LF | Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls | 52.90 | 1.93 |
| | | *For Bronze Anodized Aluminum, Add* | *6.81* | |
| | | *For Stainless Steel, Add* | *27.63* | |
| | | *For Black Anodized Finish, Add* | *12.26* | |
| | | *For Corner Mullion, Add* | *12.48* | |
| 08 44 13 00-0027 | LF | Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls | 65.82 | 3.85 |
| | | *For Bronze Anodized Aluminum, Add* | *8.14* | |
| | | *For Stainless Steel, Add* | *33.14* | |
| | | *For Black Anodized Finish, Add* | *14.65* | |
| 08 44 13 00-0028 | LF | Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls | 65.82 | 3.85 |
| | | *For Bronze Anodized Aluminum, Add* | *8.14* | |
| | | *For Stainless Steel, Add* | *33.14* | |
| | | *For Black Anodized Finish, Add* | *14.65* | |
| 08 44 13 00-0029 | LF | Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls | 65.82 | 3.85 |
| | | *For Bronze Anodized Aluminum, Add* | *8.14* | |
| | | *For Stainless Steel, Add* | *33.14* | |
| | | *For Black Anodized Finish, Add* | *14.65* | |
| | | *For Corner Mullion, Add* | *15.30* | |
| 08 44 13 00-0030 | LF | Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls | 72.30 | 4.24 |
| | | *For Bronze Anodized Aluminum, Add* | *8.92* | |
| | | *For Stainless Steel, Add* | *36.33* | |
| | | *For Black Anodized Finish, Add* | *16.06* | |
| 08 44 13 00-0031 | LF | Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls | 72.30 | 4.24 |
| | | *For Bronze Anodized Aluminum, Add* | *8.92* | |
| | | *For Stainless Steel, Add* | *36.33* | |
| | | *For Black Anodized Finish, Add* | *16.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 44 13 00-0032 | LF | Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls | 72.30 | 4.24 |
| | | *For Bronze Anodized Aluminum, Add* | *8.92* | |
| | | *For Stainless Steel, Add* | *36.33* | |
| | | *For Black Anodized Finish, Add* | *16.06* | |
| | | *For Corner Mullion, Add* | *16.79* | |
| 08 44 13 00-0033 | LF | Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls | 78.96 | 4.81 |
| | | *For Bronze Anodized Aluminum, Add* | *9.71* | |
| | | *For Stainless Steel, Add* | *39.54* | |
| | | *For Black Anodized Finish, Add* | *17.47* | |
| 08 44 13 00-0034 | LF | Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls | 78.96 | 4.81 |
| | | *For Bronze Anodized Aluminum, Add* | *9.71* | |
| | | *For Stainless Steel, Add* | *39.54* | |
| | | *For Black Anodized Finish, Add* | *17.47* | |
| 08 44 13 00-0035 | LF | Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls | 78.96 | 4.81 |
| | | *For Bronze Anodized Aluminum, Add* | *9.71* | |
| | | *For Stainless Steel, Add* | *39.54* | |
| | | *For Black Anodized Finish, Add* | *17.47* | |
| | | *For Corner Mullion, Add* | *18.32* | |
| 08 44 13 00-0036 | LF | Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls | 88.53 | 5.19 |
| | | *For Bronze Anodized Aluminum, Add* | *10.95* | |
| | | *For Stainless Steel, Add* | *44.57* | |
| | | *For Black Anodized Finish, Add* | *19.70* | |
| 08 44 13 00-0037 | LF | Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls | 88.53 | 5.19 |
| | | *For Bronze Anodized Aluminum, Add* | *10.95* | |
| | | *For Stainless Steel, Add* | *44.57* | |
| | | *For Black Anodized Finish, Add* | *19.70* | |
| 08 44 13 00-0038 | LF | Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls | 88.53 | 5.19 |
| | | *For Bronze Anodized Aluminum, Add* | *10.95* | |
| | | *For Stainless Steel, Add* | *44.57* | |
| | | *For Black Anodized Finish, Add* | *19.70* | |
| | | *For Corner Mullion, Add* | *20.58* | |
| 08 44 13 00-0039 | LF | Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls | 101.63 | 5.77 |
| | | *For Bronze Anodized Aluminum, Add* | *12.57* | |
| | | *For Stainless Steel, Add* | *51.17* | |
| | | *For Black Anodized Finish, Add* | *22.62* | |
| 08 44 13 00-0040 | LF | Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls | 101.63 | 5.77 |
| | | *For Bronze Anodized Aluminum, Add* | *12.57* | |
| | | *For Stainless Steel, Add* | *51.17* | |
| | | *For Black Anodized Finish, Add* | *22.62* | |
| 08 44 13 00-0041 | LF | Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls | 101.63 | 5.77 |
| | | *For Bronze Anodized Aluminum, Add* | *12.57* | |
| | | *For Stainless Steel, Add* | *51.17* | |
| | | *For Black Anodized Finish, Add* | *22.62* | |
| | | *For Corner Mullion, Add* | *23.62* | |

# 08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

## 08 51 Metal Windows *(08 50)*

### 08 51 13 Aluminum Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

#### 08 51 13 00-0001 Aluminum Windows *(08 51 13)*

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

#### 08 51 13 00-0002 Single Hung Aluminum Windows *(08 51 13 00-0001)*

#### 08 51 13 00-0003 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) *(08 51 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0004 | EA | Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) | 491.21 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *7.08* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *21.23* | |
| | | *For Clear Anodized Finish, Add* | *17.69* | |
| | | *For Color Anodized Finish, Add* | *24.77* | |
| 08 51 13 00-0005 | EA | >6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) | 554.42 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *8.17* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *24.50* | |
| | | *For Clear Anodized Finish, Add* | *20.42* | |
| | | *For Color Anodized Finish, Add* | *28.59* | |
| 08 51 13 00-0006 | EA | >10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) | 608.12 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *9.07* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *27.21* | |
| | | *For Clear Anodized Finish, Add* | *22.68* | |
| | | *For Color Anodized Finish, Add* | *31.75* | |
| 08 51 13 00-0007 | EA | >15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) | 652.33 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *9.78* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *29.35* | |
| | | *For Clear Anodized Finish, Add* | *24.46* | |
| | | *For Color Anodized Finish, Add* | *34.24* | |
| 08 51 13 00-0008 | EA | >20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) | 753.52 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *11.63* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *34.90* | |
| | | *For Clear Anodized Finish, Add* | *29.09* | |
| | | *For Color Anodized Finish, Add* | *40.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0009 | SF | >30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) | 24.56 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.39* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *1.16* | |
| | | *For Clear Anodized Finish, Add* | *0.97* | |
| | | *For Color Anodized Finish, Add* | *1.36* | |

### 08 51 13 00-0010 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) *(08 51 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0011 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) | 742.91 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *12.11* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *36.33* | |
| | | *For Clear Anodized Finish, Add* | *30.27* | |
| | | *For Color Anodized Finish, Add* | *42.38* | |
| 08 51 13 00-0012 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) | 827.48 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *13.63* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *40.89* | |
| | | *For Clear Anodized Finish, Add* | *34.07* | |
| | | *For Color Anodized Finish, Add* | *47.70* | |
| 08 51 13 00-0013 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) | 897.81 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.86* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *44.59* | |
| | | *For Clear Anodized Finish, Add* | *37.16* | |
| | | *For Color Anodized Finish, Add* | *52.02* | |
| 08 51 13 00-0014 | EA | >15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) | 965.76 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.05* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *48.15* | |
| | | *For Clear Anodized Finish, Add* | *40.13* | |
| | | *For Color Anodized Finish, Add* | *56.18* | |
| 08 51 13 00-0015 | EA | >20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) | 1,152.43 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *19.61* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *58.84* | |
| | | *For Clear Anodized Finish, Add* | *49.03* | |
| | | *For Color Anodized Finish, Add* | *68.65* | |
| 08 51 13 00-0016 | SF | >30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) | 37.86 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.65* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *1.96* | |
| | | *For Clear Anodized Finish, Add* | *1.64* | |
| | | *For Color Anodized Finish, Add* | *2.29* | |

### 08 51 13 00-0017 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0018 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 785.65 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *12.96* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *38.89* | |
| | | *For Clear Anodized Finish, Add* | *32.41* | |
| | | *For Color Anodized Finish, Add* | *45.38* | |
| 08 51 13 00-0019 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 886.84 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.82* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *44.45* | |
| | | *For Clear Anodized Finish, Add* | *37.04* | |
| | | *For Color Anodized Finish, Add* | *51.86* | |
| 08 51 13 00-0020 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 969.04 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.29* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *48.87* | |
| | | *For Clear Anodized Finish, Add* | *40.72* | |
| | | *For Color Anodized Finish, Add* | *57.01* | |
| 08 51 13 00-0021 | EA | >15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 1,048.86 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *17.71* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *53.14* | |
| | | *For Clear Anodized Finish, Add* | *44.28* | |
| | | *For Color Anodized Finish, Add* | *62.00* | |
| 08 51 13 00-0022 | EA | >20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 1,254.53 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.66* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *64.97* | |
| | | *For Clear Anodized Finish, Add* | *54.14* | |
| | | *For Color Anodized Finish, Add* | *75.79* | |
| 08 51 13 00-0023 | SF | >30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 41.25 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.72* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *2.17* | |
| | | *For Clear Anodized Finish, Add* | *1.80* | |
| | | *For Color Anodized Finish, Add* | *2.53* | |

### 08 51 13 00-0024 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0025 | EA | Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 866.38 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.58* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *43.74* | |
| | | *For Clear Anodized Finish, Add* | *36.45* | |
| | | *For Color Anodized Finish, Add* | *51.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0026 | EA | >6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 998.44 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *17.05* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *51.15* | |
| | | *For Clear Anodized Finish, Add* | *42.62* | |
| | | *For Color Anodized Finish, Add* | *59.67* | |
| 08 51 13 00-0027 | EA | >10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 1,083.01 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *18.57* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *55.70* | |
| | | *For Clear Anodized Finish, Add* | *46.42* | |
| | | *For Color Anodized Finish, Add* | *64.99* | |
| 08 51 13 00-0028 | EA | >15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 1,162.84 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *19.99* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *59.98* | |
| | | *For Clear Anodized Finish, Add* | *49.98* | |
| | | *For Color Anodized Finish, Add* | *69.98* | |
| 08 51 13 00-0029 | EA | >20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 1,351.89 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *23.60* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *70.81* | |
| | | *For Clear Anodized Finish, Add* | *59.01* | |
| | | *For Color Anodized Finish, Add* | *82.61* | |
| 08 51 13 00-0030 | SF | >30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) | 44.50 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.79* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *2.36* | |
| | | *For Clear Anodized Finish, Add* | *1.97* | |
| | | *For Color Anodized Finish, Add* | *2.75* | |

## 08 51 13 00-0031 Double Hung Aluminum Windows *(08 51 13 00-0001)*

## 08 51 13 00-0032 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) *(08 51 13 00-0031)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0033 | EA | Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) | 555.32 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *8.36* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *25.07* | |
| | | *For Clear Anodized Finish, Add* | *20.90* | |
| | | *For Color Anodized Finish, Add* | *29.25* | |
| 08 51 13 00-0034 | EA | >6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) | 616.15 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *9.40* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *28.21* | |
| | | *For Clear Anodized Finish, Add* | *23.51* | |
| | | *For Color Anodized Finish, Add* | *32.91* | |
| 08 51 13 00-0035 | EA | >10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) | 667.48 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *10.26* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *30.77* | |
| | | *For Clear Anodized Finish, Add* | *25.64* | |
| | | *For Color Anodized Finish, Add* | *35.90* | |
| 08 51 13 00-0036 | EA | >15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) | 721.19 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *11.16* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *33.48* | |
| | | *For Clear Anodized Finish, Add* | *27.90* | |
| | | *For Color Anodized Finish, Add* | *39.06* | |
| 08 51 13 00-0037 | EA | >20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) | 846.13 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *13.49* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *40.46* | |
| | | *For Clear Anodized Finish, Add* | *33.72* | |
| | | *For Color Anodized Finish, Add* | *47.20* | |
| 08 51 13 00-0038 | SF | >30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) | 27.65 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.45* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *1.35* | |
| | | *For Clear Anodized Finish, Add* | *1.12* | |
| | | *For Color Anodized Finish, Add* | *1.57* | |

## 08 51 13 00-0039 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) *(08 51 13 00-0031)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0040 | EA | Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) | 690.67 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *11.07* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *33.20* | |
| | | *For Clear Anodized Finish, Add* | *27.66* | |
| | | *For Color Anodized Finish, Add* | *38.73* | |
| 08 51 13 00-0041 | EA | >6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) | 803.74 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *13.15* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *39.46* | |
| | | *For Clear Anodized Finish, Add* | *32.89* | |
| | | *For Color Anodized Finish, Add* | *46.04* | |
| 08 51 13 00-0042 | EA | >10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) | 895.43 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.82* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *44.45* | |
| | | *For Clear Anodized Finish, Add* | *37.04* | |
| | | *For Color Anodized Finish, Add* | *51.86* | |
| 08 51 13 00-0043 | EA | >15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) | 999.00 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.72* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *50.15* | |
| | | *For Clear Anodized Finish, Add* | *41.79* | |
| | | *For Color Anodized Finish, Add* | *58.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0044 | EA | >20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) | 1,190.42 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *20.37* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *61.12* | |
| | | *For Clear Anodized Finish, Add* | *50.93* | |
| | | *For Color Anodized Finish, Add* | *71.30* | |
| 08 51 13 00-0045 | SF | >30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) | 39.11 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.68* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *2.04* | |
| | | *For Clear Anodized Finish, Add* | *1.70* | |
| | | *For Color Anodized Finish, Add* | *2.38* | |

### 08 51 13 00-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) *(08 51 13 00-0031)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0047 | EA | Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) | 878.25 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.82* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *44.45* | |
| | | *For Clear Anodized Finish, Add* | *37.04* | |
| | | *For Color Anodized Finish, Add* | *51.86* | |
| 08 51 13 00-0048 | EA | >6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) | 1,010.31 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *17.29* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *51.86* | |
| | | *For Clear Anodized Finish, Add* | *43.22* | |
| | | *For Color Anodized Finish, Add* | *60.50* | |
| 08 51 13 00-0049 | EA | >10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) | 1,121.01 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *19.33* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *57.98* | |
| | | *For Clear Anodized Finish, Add* | *48.32* | |
| | | *For Color Anodized Finish, Add* | *67.65* | |
| 08 51 13 00-0050 | EA | >15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) | 1,229.32 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.32* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *63.97* | |
| | | *For Clear Anodized Finish, Add* | *53.31* | |
| | | *For Color Anodized Finish, Add* | *74.63* | |
| 08 51 13 00-0051 | EA | >20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) | 1,491.98 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *26.40* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *79.21* | |
| | | *For Clear Anodized Finish, Add* | *66.01* | |
| | | *For Color Anodized Finish, Add* | *92.41* | |
| 08 51 13 00-0052 | SF | >30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) | 49.16 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.88* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *2.64* | |
| | | *For Clear Anodized Finish, Add* | *2.20* | |
| | | *For Color Anodized Finish, Add* | *3.08* | |

### 08 51 13 00-0053 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) *(08 51 13 00-0031)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0054 | EA | Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) | 1,387.85 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *24.84* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *74.51* | |
| | | *For Clear Anodized Finish, Add* | *62.09* | |
| | | *For Color Anodized Finish, Add* | *86.93* | |
| 08 51 13 00-0055 | EA | >10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) | 1,522.29 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *27.35* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *82.06* | |
| | | *For Clear Anodized Finish, Add* | *68.38* | |
| | | *For Color Anodized Finish, Add* | *95.74* | |
| 08 51 13 00-0056 | EA | >15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) | 1,680.47 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *30.35* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *91.04* | |
| | | *For Clear Anodized Finish, Add* | *75.86* | |
| | | *For Color Anodized Finish, Add* | *106.21* | |
| 08 51 13 00-0057 | EA | >20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) | 1,947.88 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *35.52* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *106.57* | |
| | | *For Clear Anodized Finish, Add* | *88.81* | |
| | | *For Color Anodized Finish, Add* | *124.33* | |
| 08 51 13 00-0058 | SF | >30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) | 64.28 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.18* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *3.55* | |
| | | *For Clear Anodized Finish, Add* | *2.96* | |
| | | *For Color Anodized Finish, Add* | *4.14* | |

### 08 51 13 00-0059 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) *(08 51 13 00-0031)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0060 | EA | Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) | 1,924.48 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *35.57* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *106.71* | |
| | | *For Clear Anodized Finish, Add* | *88.92* | |
| | | *For Color Anodized Finish, Add* | *124.49* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0061 | EA | >10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) | 2,075.54 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *38.42* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *115.26* | |
| | | *For Clear Anodized Finish, Add* | *96.05* | |
| | | *For Color Anodized Finish, Add* | *134.47* | |
| 08 51 13 00-0062 | EA | >15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) | 2,247.97 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *41.70* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *125.09* | |
| | | *For Clear Anodized Finish, Add* | *104.24* | |
| | | *For Color Anodized Finish, Add* | *145.93* | |
| 08 51 13 00-0063 | EA | >20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) | 2,548.61 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *47.54* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *142.61* | |
| | | *For Clear Anodized Finish, Add* | *118.84* | |
| | | *For Color Anodized Finish, Add* | *166.38* | |
| 08 51 13 00-0064 | SF | >30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) | 84.47 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.59* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *4.76* | |
| | | *For Clear Anodized Finish, Add* | *3.97* | |
| | | *For Color Anodized Finish, Add* | *5.55* | |

### 08 51 13 00-0065 Horizontal Sliding Aluminum Windows *(08 51 13 00-0001)*

### 08 51 13 00-0066 One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

### 08 51 13 00-0067 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) *(08 51 13 00-0066)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0068 | EA | Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) | 503.09 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *7.31* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *21.94* | |
| | | *For Clear Anodized Finish, Add* | *18.28* | |
| | | *For Color Anodized Finish, Add* | *25.60* | |
| 08 51 13 00-0069 | EA | >6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) | 568.66 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *8.45* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *25.36* | |
| | | *For Clear Anodized Finish, Add* | *21.13* | |
| | | *For Color Anodized Finish, Add* | *29.59* | |
| 08 51 13 00-0070 | EA | >10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) | 617.62 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *9.26* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *27.78* | |
| | | *For Clear Anodized Finish, Add* | *23.15* | |
| | | *For Color Anodized Finish, Add* | *32.41* | |
| 08 51 13 00-0071 | EA | >15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) | 668.95 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *10.12* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *30.35* | |
| | | *For Clear Anodized Finish, Add* | *25.29* | |
| | | *For Color Anodized Finish, Add* | *35.40* | |
| 08 51 13 00-0072 | EA | >20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) | 774.89 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *12.06* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *36.19* | |
| | | *For Clear Anodized Finish, Add* | *30.16* | |
| | | *For Color Anodized Finish, Add* | *42.22* | |
| 08 51 13 00-0073 | SF | >30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) | 25.27 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.40* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *1.21* | |
| | | *For Clear Anodized Finish, Add* | *1.01* | |
| | | *For Color Anodized Finish, Add* | *1.41* | |

### 08 51 13 00-0074 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) *(08 51 13 00-0066)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0075 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) | 804.64 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *13.34* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *40.03* | |
| | | *For Clear Anodized Finish, Add* | *33.36* | |
| | | *For Color Anodized Finish, Add* | *46.71* | |
| 08 51 13 00-0076 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) | 908.21 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *15.24* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *45.73* | |
| | | *For Clear Anodized Finish, Add* | *38.11* | |
| | | *For Color Anodized Finish, Add* | *53.35* | |
| 08 51 13 00-0077 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) | 990.41 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.72* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *50.15* | |
| | | *For Clear Anodized Finish, Add* | *41.79* | |
| | | *For Color Anodized Finish, Add* | *58.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0078 | EA | >15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) | 1,070.23 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *18.14* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *54.42* | |
| | | *For Clear Anodized Finish, Add* | *45.35* | |
| | | *For Color Anodized Finish, Add* | *63.49* | |
| 08 51 13 00-0079 | EA | >20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) | 1,245.04 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.47* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *64.40* | |
| | | *For Clear Anodized Finish, Add* | *53.66* | |
| | | *For Color Anodized Finish, Add* | *75.13* | |
| 08 51 13 00-0080 | SF | >30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) | 40.94 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.72* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *2.15* | |
| | | *For Clear Anodized Finish, Add* | *1.79* | |
| | | *For Color Anodized Finish, Add* | *2.50* | |

## 08 51 13 00-0081 Two Rolling Sashes, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

## 08 51 13 00-0082 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) *(08 51 13 00-0081)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0083 | EA | Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) | 564.82 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *8.55* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *25.64* | |
| | | *For Clear Anodized Finish, Add* | *21.37* | |
| | | *For Color Anodized Finish, Add* | *29.92* | |
| 08 51 13 00-0084 | EA | >6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) | 649.40 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *10.07* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *30.20* | |
| | | *For Clear Anodized Finish, Add* | *25.17* | |
| | | *For Color Anodized Finish, Add* | *35.24* | |
| 08 51 13 00-0085 | EA | >10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) | 705.47 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *11.02* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *33.05* | |
| | | *For Clear Anodized Finish, Add* | *27.54* | |
| | | *For Color Anodized Finish, Add* | *38.56* | |
| 08 51 13 00-0086 | EA | >15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) | 752.06 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *11.78* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *35.33* | |
| | | *For Clear Anodized Finish, Add* | *29.44* | |
| | | *For Color Anodized Finish, Add* | *41.22* | |
| 08 51 13 00-0087 | EA | >20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) | 872.25 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.01* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *42.03* | |
| | | *For Clear Anodized Finish, Add* | *35.02* | |
| | | *For Color Anodized Finish, Add* | *49.03* | |
| 08 51 13 00-0088 | SF | >30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) | 28.50 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.47* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *1.40* | |
| | | *For Clear Anodized Finish, Add* | *1.17* | |
| | | *For Color Anodized Finish, Add* | *1.63* | |

## 08 51 13 00-0089 Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

## 08 51 13 00-0090 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) *(08 51 13 00-0089)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0091 | EA | Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) | 1,464.74 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *26.55* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *79.64* | |
| | | *For Clear Anodized Finish, Add* | *66.37* | |
| | | *For Color Anodized Finish, Add* | *92.91* | |
| 08 51 13 00-0092 | EA | >12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) | 1,685.67 | 95.33 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *30.54* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *91.61* | |
| | | *For Clear Anodized Finish, Add* | *76.34* | |
| | | *For Color Anodized Finish, Add* | *106.87* | |
| 08 51 13 00-0093 | EA | >18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) | 1,822.48 | 100.49 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *33.10* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *99.30* | |
| | | *For Clear Anodized Finish, Add* | *82.75* | |
| | | *For Color Anodized Finish, Add* | *115.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0094 | EA | >24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) | 2,204.88 | 113.37 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *40.32* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *120.96* | |
| | | *For Clear Anodized Finish, Add* | *100.80* | |
| | | *For Color Anodized Finish, Add* | *141.11* | |
| 08 51 13 00-0095 | EA | >40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) | 2,546.44 | 128.83 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *46.63* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *139.90* | |
| | | *For Clear Anodized Finish, Add* | *116.59* | |
| | | *For Color Anodized Finish, Add* | *163.22* | |
| 08 51 13 00-0096 | SF | >60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) | 44.01 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.78* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *2.33* | |
| | | *For Clear Anodized Finish, Add* | *1.94* | |
| | | *For Color Anodized Finish, Add* | *2.72* | |
| 08 51 13 00-0097 | | Fixed Aluminum Windows *(08 51 13 00-0001)* | | |
| 08 51 13 00-0098 | | 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) *(08 51 13 00-0097)* | | |
| 08 51 13 00-0099 | EA | Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) | 391.49 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *5.08* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *15.24* | |
| | | *For Clear Anodized Finish, Add* | *12.70* | |
| | | *For Color Anodized Finish, Add* | *17.78* | |
| 08 51 13 00-0100 | EA | >6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) | 447.57 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *6.03* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *18.09* | |
| | | *For Clear Anodized Finish, Add* | *15.08* | |
| | | *For Color Anodized Finish, Add* | *21.11* | |
| 08 51 13 00-0101 | EA | >10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) | 472.78 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *6.36* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *19.09* | |
| | | *For Clear Anodized Finish, Add* | *15.91* | |
| | | *For Color Anodized Finish, Add* | *22.27* | |
| 08 51 13 00-0102 | EA | >15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) | 497.99 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *6.70* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *20.09* | |
| | | *For Clear Anodized Finish, Add* | *16.74* | |
| | | *For Color Anodized Finish, Add* | *23.44* | |
| 08 51 13 00-0103 | EA | >20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) | 660.92 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *9.78* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *29.35* | |
| | | *For Clear Anodized Finish, Add* | *24.46* | |
| | | *For Color Anodized Finish, Add* | *34.24* | |
| 08 51 13 00-0104 | SF | >30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) | 21.47 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.33* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *0.98* | |
| | | *For Clear Anodized Finish, Add* | *0.82* | |
| | | *For Color Anodized Finish, Add* | *1.14* | |
| 08 51 13 00-0105 | | 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) *(08 51 13 00-0097)* | | |
| 08 51 13 00-0106 | EA | Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) | 495.96 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *7.17* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *21.51* | |
| | | *For Clear Anodized Finish, Add* | *17.93* | |
| | | *For Color Anodized Finish, Add* | *25.10* | |
| 08 51 13 00-0107 | EA | >6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) | 568.66 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *8.45* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *25.36* | |
| | | *For Clear Anodized Finish, Add* | *21.13* | |
| | | *For Color Anodized Finish, Add* | *29.59* | |
| 08 51 13 00-0108 | EA | >10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) | 612.87 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *9.17* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *27.50* | |
| | | *For Clear Anodized Finish, Add* | *22.91* | |
| | | *For Color Anodized Finish, Add* | *32.08* | |
| 08 51 13 00-0109 | EA | >15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) | 659.45 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *9.93* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *29.78* | |
| | | *For Clear Anodized Finish, Add* | *24.81* | |
| | | *For Color Anodized Finish, Add* | *34.74* | |
| 08 51 13 00-0110 | EA | >20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) | 872.25 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.01* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *42.03* | |
| | | *For Clear Anodized Finish, Add* | *35.02* | |
| | | *For Color Anodized Finish, Add* | *49.03* | |
| 08 51 13 00-0111 | SF | >30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) | 28.50 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.47* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *1.40* | |
| | | *For Clear Anodized Finish, Add* | *1.17* | |
| | | *For Color Anodized Finish, Add* | *1.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0112 | | 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) *(08 51 13 00-0097)* | | |
| 08 51 13 00-0113 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) | 424.73 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *5.75* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *17.24* | |
| | | *For Clear Anodized Finish, Add* | *14.37* | |
| | | *For Color Anodized Finish, Add* | *20.11* | |
| 08 51 13 00-0114 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) | 497.43 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *7.03* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *21.09* | |
| | | *For Clear Anodized Finish, Add* | *17.57* | |
| | | *For Color Anodized Finish, Add* | *24.60* | |
| 08 51 13 00-0115 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) | 536.89 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *7.65* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *22.94* | |
| | | *For Clear Anodized Finish, Add* | *19.11* | |
| | | *For Color Anodized Finish, Add* | *26.76* | |
| 08 51 13 00-0116 | EA | >15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) | 578.72 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *8.31* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *24.93* | |
| | | *For Clear Anodized Finish, Add* | *20.78* | |
| | | *For Color Anodized Finish, Add* | *29.09* | |
| 08 51 13 00-0117 | EA | >20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) | 779.64 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *12.16* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *36.47* | |
| | | *For Clear Anodized Finish, Add* | *30.39* | |
| | | *For Color Anodized Finish, Add* | *42.55* | |
| 08 51 13 00-0118 | SF | >30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) | 25.41 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.41* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *1.22* | |
| | | *For Clear Anodized Finish, Add* | *1.01* | |
| | | *For Color Anodized Finish, Add* | *1.42* | |
| 08 51 13 00-0119 | | 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) *(08 51 13 00-0097)* | | |
| 08 51 13 00-0120 | EA | Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) | 422.36 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *5.70* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *17.10* | |
| | | *For Clear Anodized Finish, Add* | *14.25* | |
| | | *For Color Anodized Finish, Add* | *19.95* | |
| 08 51 13 00-0121 | EA | >6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) | 487.93 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *6.84* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *20.52* | |
| | | *For Clear Anodized Finish, Add* | *17.10* | |
| | | *For Color Anodized Finish, Add* | *23.93* | |
| 08 51 13 00-0122 | EA | >10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) | 527.39 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *7.46* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *22.37* | |
| | | *For Clear Anodized Finish, Add* | *18.64* | |
| | | *For Color Anodized Finish, Add* | *26.10* | |
| 08 51 13 00-0123 | EA | >15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) | 569.22 | 97.92 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *8.12* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *24.36* | |
| | | *For Clear Anodized Finish, Add* | *20.30* | |
| | | *For Color Anodized Finish, Add* | *28.42* | |
| 08 51 13 00-0124 | EA | >20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) | 770.14 | 103.06 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *11.97* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *35.90* | |
| | | *For Clear Anodized Finish, Add* | *29.92* | |
| | | *For Color Anodized Finish, Add* | *41.89* | |
| 08 51 13 00-0125 | SF | >30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) | 25.11 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.40* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *1.20* | |
| | | *For Clear Anodized Finish, Add* | *1.00* | |
| | | *For Color Anodized Finish, Add* | *1.40* | |
| 08 51 13 00-0126 | | Projected Aluminum Windows *(08 51 13 00-0001)* | | |
| 08 51 13 00-0127 | | Single Vent, Projected Aluminum Windows *(08 51 13 00-0126)* | | |
| 08 51 13 00-0128 | | 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0127)* | | |
| 08 51 13 00-0129 | EA | Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) | 570.05 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *8.65* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *25.96* | |
| | | *For Clear Anodized Finish, Add* | *21.63* | |
| | | *For Color Anodized Finish, Add* | *30.28* | |
| 08 51 13 00-0130 | EA | >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) | 618.29 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *9.45* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *28.34* | |
| | | *For Clear Anodized Finish, Add* | *23.61* | |
| | | *For Color Anodized Finish, Add* | *33.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0131 | EA | >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) | 674.61 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *10.40* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *31.20* | |
| | | *For Clear Anodized Finish, Add* | *26.00* | |
| | | *For Color Anodized Finish, Add* | *36.40* | |
| 08 51 13 00-0132 | SF | >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) | 39.83 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.69* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *2.08* | |
| | | *For Clear Anodized Finish, Add* | *1.73* | |
| | | *For Color Anodized Finish, Add* | *2.43* | |

## 08 51 13 00-0133 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0134 | EA | Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) | 779.97 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *12.85* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *38.55* | |
| | | *For Clear Anodized Finish, Add* | *32.13* | |
| | | *For Color Anodized Finish, Add* | *44.98* | |
| 08 51 13 00-0135 | EA | >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) | 862.88 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.34* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *43.01* | |
| | | *For Clear Anodized Finish, Add* | *35.84* | |
| | | *For Color Anodized Finish, Add* | *50.18* | |
| 08 51 13 00-0136 | EA | >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) | 959.54 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.10* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *48.30* | |
| | | *For Clear Anodized Finish, Add* | *40.25* | |
| | | *For Color Anodized Finish, Add* | *56.35* | |
| 08 51 13 00-0137 | SF | >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) | 58.82 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.07* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *3.22* | |
| | | *For Clear Anodized Finish, Add* | *2.68* | |
| | | *For Color Anodized Finish, Add* | *3.76* | |

## 08 51 13 00-0138 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0139 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) | 858.71 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.43* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *43.28* | |
| | | *For Clear Anodized Finish, Add* | *36.06* | |
| | | *For Color Anodized Finish, Add* | *50.49* | |
| 08 51 13 00-0140 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) | 954.58 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.17* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *48.51* | |
| | | *For Clear Anodized Finish, Add* | *40.43* | |
| | | *For Color Anodized Finish, Add* | *56.60* | |
| 08 51 13 00-0141 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) | 1,066.39 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *18.24* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *54.71* | |
| | | *For Clear Anodized Finish, Add* | *45.59* | |
| | | *For Color Anodized Finish, Add* | *63.83* | |
| 08 51 13 00-0142 | SF | >15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) | 65.95 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.22* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *3.65* | |
| | | *For Clear Anodized Finish, Add* | *3.04* | |
| | | *For Color Anodized Finish, Add* | *4.26* | |

## 08 51 13 00-0143 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0144 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) | 912.94 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *15.51* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *46.53* | |
| | | *For Clear Anodized Finish, Add* | *38.78* | |
| | | *For Color Anodized Finish, Add* | *54.29* | |
| 08 51 13 00-0145 | EA | >6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600) | 1,017.77 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *17.44* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *52.31* | |
| | | *For Clear Anodized Finish, Add* | *43.59* | |
| | | *For Color Anodized Finish, Add* | *61.02* | |
| 08 51 13 00-0146 | EA | >10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600) | 1,140.00 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *19.71* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *59.12* | |
| | | *For Clear Anodized Finish, Add* | *49.27* | |
| | | *For Color Anodized Finish, Add* | *68.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0147 | SF | >15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600) | 70.86 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.31* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *3.94* | |
| | | *For Clear Anodized Finish, Add* | *3.29* | |
| | | *For Color Anodized Finish, Add* | *4.60* | |

### 08 51 13 00-0148 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0127)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0149 | EA | Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) | 905.94 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *15.37* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *46.11* | |
| | | *For Clear Anodized Finish, Add* | *38.43* | |
| | | *For Color Anodized Finish, Add* | *53.80* | |
| 08 51 13 00-0150 | EA | >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) | 1,009.62 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *17.27* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *51.82* | |
| | | *For Clear Anodized Finish, Add* | *43.18* | |
| | | *For Color Anodized Finish, Add* | *60.45* | |
| 08 51 13 00-0151 | EA | >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) | 1,130.50 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *19.52* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *58.55* | |
| | | *For Clear Anodized Finish, Add* | *48.80* | |
| | | *For Color Anodized Finish, Add* | *68.31* | |
| 08 51 13 00-0152 | SF | >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) | 70.22 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.30* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *3.90* | |
| | | *For Clear Anodized Finish, Add* | *3.25* | |
| | | *For Color Anodized Finish, Add* | *4.55* | |

### 08 51 13 00-0153 Fixed Over Vent, Projected Aluminum Windows *(08 51 13 00-0126)*

### 08 51 13 00-0154 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0153)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0155 | EA | Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) | 799.23 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *13.24* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *39.71* | |
| | | *For Clear Anodized Finish, Add* | *33.09* | |
| | | *For Color Anodized Finish, Add* | *46.33* | |
| 08 51 13 00-0156 | EA | >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) | 885.30 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *14.79* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *44.36* | |
| | | *For Clear Anodized Finish, Add* | *36.96* | |
| | | *For Color Anodized Finish, Add* | *51.75* | |
| 08 51 13 00-0157 | EA | >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) | 985.66 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.62* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *49.86* | |
| | | *For Clear Anodized Finish, Add* | *41.55* | |
| | | *For Color Anodized Finish, Add* | *58.17* | |
| 08 51 13 00-0158 | SF | >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) | 60.48 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.11* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *3.32* | |
| | | *For Clear Anodized Finish, Add* | *2.77* | |
| | | *For Color Anodized Finish, Add* | *3.87* | |

### 08 51 13 00-0159 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0153)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0160 | EA | Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) | 1,131.63 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *19.88* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *59.65* | |
| | | *For Clear Anodized Finish, Add* | *49.71* | |
| | | *For Color Anodized Finish, Add* | *69.59* | |
| 08 51 13 00-0161 | EA | >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) | 1,272.55 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *22.53* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *67.59* | |
| | | *For Clear Anodized Finish, Add* | *56.33* | |
| | | *For Color Anodized Finish, Add* | *78.86* | |
| 08 51 13 00-0162 | EA | >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) | 1,436.81 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *25.64* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *76.93* | |
| | | *For Clear Anodized Finish, Add* | *64.11* | |
| | | *For Color Anodized Finish, Add* | *89.75* | |
| 08 51 13 00-0163 | SF | >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) | 90.64 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.71* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *5.13* | |
| | | *For Clear Anodized Finish, Add* | *4.27* | |
| | | *For Color Anodized Finish, Add* | *5.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 08 51 13 00-0164 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0153)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0165 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) | 1,201.61 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.28* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *63.85* | |
| | | *For Clear Anodized Finish, Add* | *53.21* | |
| | | *For Color Anodized Finish, Add* | *74.49* | |
| 08 51 13 00-0166 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) | 1,354.06 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *24.16* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *72.48* | |
| | | *For Clear Anodized Finish, Add* | *60.40* | |
| | | *For Color Anodized Finish, Add* | *84.56* | |
| 08 51 13 00-0167 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) | 1,531.79 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *27.54* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *82.63* | |
| | | *For Clear Anodized Finish, Add* | *68.86* | |
| | | *For Color Anodized Finish, Add* | *96.40* | |
| 08 51 13 00-0168 | SF | >15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) | 96.81 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.83* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *5.50* | |
| | | *For Clear Anodized Finish, Add* | *4.58* | |
| | | *For Color Anodized Finish, Add* | *6.42* | |

### 08 51 13 00-0169 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0153)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0170 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) | 1,194.62 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.14* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *63.43* | |
| | | *For Clear Anodized Finish, Add* | *52.86* | |
| | | *For Color Anodized Finish, Add* | *74.00* | |
| 08 51 13 00-0171 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) | 1,345.92 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *24.00* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *71.99* | |
| | | *For Clear Anodized Finish, Add* | *60.00* | |
| | | *For Color Anodized Finish, Add* | *83.99* | |
| 08 51 13 00-0172 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) | 1,522.29 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *27.35* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *82.06* | |
| | | *For Clear Anodized Finish, Add* | *68.38* | |
| | | *For Color Anodized Finish, Add* | *95.74* | |
| 08 51 13 00-0173 | SF | >15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) | 96.34 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.82* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *5.47* | |
| | | *For Clear Anodized Finish, Add* | *4.56* | |
| | | *For Color Anodized Finish, Add* | *6.38* | |

### 08 51 13 00-0174 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0153)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0175 | EA | Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) | 1,303.09 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *23.31* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *69.94* | |
| | | *For Clear Anodized Finish, Add* | *58.28* | |
| | | *For Color Anodized Finish, Add* | *81.60* | |
| 08 51 13 00-0176 | EA | >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) | 1,472.29 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *26.53* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *79.58* | |
| | | *For Clear Anodized Finish, Add* | *66.31* | |
| | | *For Color Anodized Finish, Add* | *92.84* | |
| 08 51 13 00-0177 | EA | >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) | 1,669.51 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *30.30* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *90.89* | |
| | | *For Clear Anodized Finish, Add* | *75.75* | |
| | | *For Color Anodized Finish, Add* | *106.04* | |
| 08 51 13 00-0178 | SF | >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) | 106.07 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *2.02* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *6.05* | |
| | | *For Clear Anodized Finish, Add* | *5.05* | |
| | | *For Color Anodized Finish, Add* | *7.06* | |

### 08 51 13 00-0179 Casement Aluminum Windows *(08 51 13 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0180 | | Single Vent, Casement Aluminum Windows *(08 51 13 00-0179)* | | |
| 08 51 13 00-0181 | | 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0180)* | | |
| 08 51 13 00-0182 | EA | Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) | 655.76 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *10.37* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *31.10* | |
| | | *For Clear Anodized Finish, Add* | *25.92* | |
| | | *For Color Anodized Finish, Add* | *36.28* | |
| 08 51 13 00-0183 | EA | >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) | 718.16 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *11.44* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *34.33* | |
| | | *For Clear Anodized Finish, Add* | *28.61* | |
| | | *For Color Anodized Finish, Add* | *40.05* | |
| 08 51 13 00-0184 | EA | >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) | 790.96 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *12.73* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *38.18* | |
| | | *For Clear Anodized Finish, Add* | *31.82* | |
| | | *For Color Anodized Finish, Add* | *44.55* | |
| 08 51 13 00-0185 | SF | >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) | 47.59 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.85* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *2.55* | |
| | | *For Clear Anodized Finish, Add* | *2.12* | |
| | | *For Color Anodized Finish, Add* | *2.97* | |
| 08 51 13 00-0186 | | 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0180)* | | |
| 08 51 13 00-0187 | EA | Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) | 974.18 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.74* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *50.21* | |
| | | *For Clear Anodized Finish, Add* | *41.84* | |
| | | *For Color Anodized Finish, Add* | *58.57* | |
| 08 51 13 00-0188 | EA | >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) | 1,089.10 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *18.86* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *56.59* | |
| | | *For Clear Anodized Finish, Add* | *47.15* | |
| | | *For Color Anodized Finish, Add* | *66.02* | |
| 08 51 13 00-0189 | EA | >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) | 1,223.11 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.37* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *64.11* | |
| | | *For Clear Anodized Finish, Add* | *53.43* | |
| | | *For Color Anodized Finish, Add* | *74.80* | |
| 08 51 13 00-0190 | SF | >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) | 76.39 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.42* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *4.27* | |
| | | *For Clear Anodized Finish, Add* | *3.56* | |
| | | *For Color Anodized Finish, Add* | *4.99* | |
| 08 51 13 00-0191 | | 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0180)* | | |
| 08 51 13 00-0192 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) | 979.43 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *16.84* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *50.52* | |
| | | *For Clear Anodized Finish, Add* | *42.10* | |
| | | *For Color Anodized Finish, Add* | *58.94* | |
| 08 51 13 00-0193 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) | 1,095.22 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *18.98* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *56.95* | |
| | | *For Clear Anodized Finish, Add* | *47.46* | |
| | | *For Color Anodized Finish, Add* | *66.44* | |
| 08 51 13 00-0194 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) | 1,230.23 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.51* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *64.54* | |
| | | *For Clear Anodized Finish, Add* | *53.78* | |
| | | *For Color Anodized Finish, Add* | *75.29* | |
| 08 51 13 00-0195 | SF | >15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) | 76.87 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.43* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *4.30* | |
| | | *For Clear Anodized Finish, Add* | *3.59* | |
| | | *For Color Anodized Finish, Add* | *5.02* | |
| 08 51 13 00-0196 | | 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0180)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0197 | EA | Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) | 1,033.66 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *17.92* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *53.77* | |
| | | *For Clear Anodized Finish, Add* | *44.81* | |
| | | *For Color Anodized Finish, Add* | *62.74* | |
| 08 51 13 00-0198 | EA | >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) | 1,158.41 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *20.25* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *60.74* | |
| | | *For Clear Anodized Finish, Add* | *50.62* | |
| | | *For Color Anodized Finish, Add* | *70.87* | |
| 08 51 13 00-0199 | EA | >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) | 1,303.84 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *22.98* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *68.95* | |
| | | *For Clear Anodized Finish, Add* | *57.46* | |
| | | *For Color Anodized Finish, Add* | *80.45* | |
| 08 51 13 00-0200 | SF | >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) | 81.78 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.53* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *4.60* | |
| | | *For Clear Anodized Finish, Add* | *3.83* | |
| | | *For Color Anodized Finish, Add* | *5.36* | |

### 08 51 13 00-0201 Fixed Over Vent, Casement Aluminum Windows *(08 51 13 00-0179)*

### 08 51 13 00-0202 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0201)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0203 | EA | Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) | 751.99 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *12.29* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *36.87* | |
| | | *For Clear Anodized Finish, Add* | *30.73* | |
| | | *For Color Anodized Finish, Add* | *43.02* | |
| 08 51 13 00-0204 | EA | >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) | 830.26 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *13.69* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *41.06* | |
| | | *For Clear Anodized Finish, Add* | *34.21* | |
| | | *For Color Anodized Finish, Add* | *47.90* | |
| 08 51 13 00-0205 | EA | >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) | 921.55 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *15.34* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *46.02* | |
| | | *For Clear Anodized Finish, Add* | *38.35* | |
| | | *For Color Anodized Finish, Add* | *53.69* | |
| 08 51 13 00-0206 | SF | >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) | 56.28 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.02* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *3.07* | |
| | | *For Clear Anodized Finish, Add* | *2.56* | |
| | | *For Color Anodized Finish, Add* | *3.58* | |

### 08 51 13 00-0207 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0201)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0208 | EA | Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) | 1,070.39 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *18.66* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *55.98* | |
| | | *For Clear Anodized Finish, Add* | *46.65* | |
| | | *For Color Anodized Finish, Add* | *65.31* | |
| 08 51 13 00-0209 | EA | >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) | 1,201.20 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.10* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *63.31* | |
| | | *For Clear Anodized Finish, Add* | *52.76* | |
| | | *For Color Anodized Finish, Add* | *73.86* | |
| 08 51 13 00-0210 | EA | >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) | 1,353.70 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *23.98* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *71.95* | |
| | | *For Clear Anodized Finish, Add* | *59.96* | |
| | | *For Color Anodized Finish, Add* | *83.94* | |
| 08 51 13 00-0211 | SF | >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) | 85.11 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.60* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *4.80* | |
| | | *For Clear Anodized Finish, Add* | *4.00* | |
| | | *For Color Anodized Finish, Add* | *5.60* | |

### 08 51 13 00-0212 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0201)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0213 | EA | Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) | 1,187.62 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *21.00* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *63.01* | |
| | | *For Clear Anodized Finish, Add* | *52.51* | |
| | | *For Color Anodized Finish, Add* | *73.51* | |
| 08 51 13 00-0214 | EA | >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) | 1,337.78 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *23.84* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *71.51* | |
| | | *For Clear Anodized Finish, Add* | *59.59* | |
| | | *For Color Anodized Finish, Add* | *83.42* | |
| 08 51 13 00-0215 | EA | >10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) | 1,512.79 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *27.16* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *81.49* | |
| | | *For Clear Anodized Finish, Add* | *67.91* | |
| | | *For Color Anodized Finish, Add* | *95.07* | |
| 08 51 13 00-0216 | SF | >15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) | 95.70 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *1.81* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *5.43* | |
| | | *For Clear Anodized Finish, Add* | *4.53* | |
| | | *For Color Anodized Finish, Add* | *6.34* | |

### 08 51 13 00-0217 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0201)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0218 | EA | Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) | 1,294.33 | 82.46 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *23.14* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *69.41* | |
| | | *For Clear Anodized Finish, Add* | *57.85* | |
| | | *For Color Anodized Finish, Add* | *80.98* | |
| 08 51 13 00-0219 | EA | >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) | 1,462.10 | 87.60 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *26.32* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *78.97* | |
| | | *For Clear Anodized Finish, Add* | *65.80* | |
| | | *For Color Anodized Finish, Add* | *92.13* | |
| 08 51 13 00-0220 | EA | >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) | 1,657.63 | 92.76 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *30.06* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *90.18* | |
| | | *For Clear Anodized Finish, Add* | *75.15* | |
| | | *For Color Anodized Finish, Add* | *105.21* | |
| 08 51 13 00-0221 | SF | >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) | 105.36 | 3.09 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *2.00* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *6.01* | |
| | | *For Clear Anodized Finish, Add* | *5.01* | |
| | | *For Color Anodized Finish, Add* | *7.01* | |

### 08 51 13 00-0222 Aluminum Window Accessories *(08 51 13)*

### 08 51 13 00-0223 Aluminum Window Mullions *(08 51 13 00-0222)*

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0224 | LF | Integral Mullions For Aluminum Windows | 22.26 | 3.86 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.30* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *0.91* | |
| | | *For Clear Anodized Finish, Add* | *0.76* | |
| | | *For Color Anodized Finish, Add* | *1.06* | |

### 08 51 13 00-0225 Aluminum Window Panning *(08 51 13 00-0222)*

Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.

| | | | | |
|---|---|---|---|---|
| 08 51 13 00-0226 | EA | Up To 6 SF Window, Aluminum Window Panning | 236.48 | 34.39 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *3.58* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *10.75* | |
| | | *For Clear Anodized Finish, Add* | *8.96* | |
| | | *For Color Anodized Finish, Add* | *12.54* | |
| 08 51 13 00-0227 | EA | >6 To 10 SF Window, Aluminum Window Panning | 326.51 | 57.32 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *4.62* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *13.86* | |
| | | *For Clear Anodized Finish, Add* | *11.55* | |
| | | *For Color Anodized Finish, Add* | *16.17* | |
| 08 51 13 00-0228 | EA | >10 To 15 SF Window, Aluminum Window Panning | 395.88 | 86.00 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *5.05* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *15.15* | |
| | | *For Clear Anodized Finish, Add* | *12.63* | |
| | | *For Color Anodized Finish, Add* | *17.68* | |
| 08 51 13 00-0229 | EA | >15 To 20 SF Window, Aluminum Window Panning | 469.56 | 114.66 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *5.57* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *16.71* | |
| | | *For Clear Anodized Finish, Add* | *13.92* | |
| | | *For Color Anodized Finish, Add* | *19.49* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 51 13 00-0230 | EA | >20 To 30 SF Window, Aluminum Window Panning | 614.75 | 171.98 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *6.56* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *19.69* | |
| | | *For Clear Anodized Finish, Add* | *16.41* | |
| | | *For Color Anodized Finish, Add* | *22.97* | |
| 08 51 13 00-0231 | SF | >30 SF Window, Aluminum Window Panning | 22.19 | 7.17 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.21* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *0.62* | |
| | | *For Clear Anodized Finish, Add* | *0.51* | |
| | | *For Color Anodized Finish, Add* | *0.72* | |
| 08 51 13 00-0232 | | Aluminum Window Muntins, Grilles Or Dividers *(08 51 13 00-0222)* | | |
| 08 51 13 00-0233 | SF | Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows | 6.13 | 3.86 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.02* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *0.06* | |
| | | *For Clear Anodized Finish, Add* | *0.05* | |
| | | *For Color Anodized Finish, Add* | *0.07* | |
| 08 51 13 00-0234 | SF | Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows | 8.94 | 3.86 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.08* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *0.23* | |
| | | *For Clear Anodized Finish, Add* | *0.19* | |
| | | *For Color Anodized Finish, Add* | *0.26* | |
| 08 51 13 00-0235 | SF | Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows | 18.29 | 3.86 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.11* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *0.32* | |
| | | *For Clear Anodized Finish, Add* | *0.27* | |
| | | *For Color Anodized Finish, Add* | *0.38* | |
| 08 51 13 00-0236 | SF | True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows | 22.16 | 3.86 |
| | | *For 50% Fluoropolymer Finish (Acrynar), Add* | *0.15* | |
| | | *For 70% Fluoropolymer Finish (Duranar), Add* | *0.45* | |
| | | *For Clear Anodized Finish, Add* | *0.38* | |
| | | *For Color Anodized Finish, Add* | *0.53* | |
| 08 51 13 00-0237 | | Other Aluminum Window Accessories *(08 51 13 00-0222)* | | |
| 08 51 13 00-0238 | EA | Roto Operator For Casement Aluminum Windows | 187.69 | 17.16 |
| 08 51 13 00-0239 | EA | Head And Sill Automatic Locks For Hung Aluminum Windows | 92.71 | 17.16 |

## 08 51 19 Stainless-Steel Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

| | | | | |
|---|---|---|---|---|
| 08 51 19 00-0001 | | Stainless Steel Windows Types *(08 51 19)* | | |
| 08 51 19 00-0002 | | Industrial *(08 51 19 00-0001)* | | |
| 08 51 19 00-0003 | SF | Stainless Steel Window With Horizontal Pivot Sash | 85.41 | 5.16 |
| 08 51 19 00-0004 | SF | Stainless Steel Window, Fixed Sash | 63.73 | 5.16 |
| 08 51 19 00-0005 | | Projected Sash *(08 51 19 00-0001)* | | |
| 08 51 19 00-0006 | SF | Commercial Projected Sash Window - 40% Vented Stainless Steel | 89.46 | 5.16 |
| 08 51 19 00-0007 | SF | Intermediate Projected Sash Window - 40% Vented Stainless Steel | 99.05 | 5.16 |
| 08 51 19 00-0008 | | Other Type Sash *(08 51 19 00-0001)* | | |
| 08 51 19 00-0009 | SF | Double Hung Stainless Steel Window Sash | 108.61 | 5.16 |
| 08 51 19 00-0010 | SF | Single Hung Stainless Steel Window Sash | 76.04 | 5.16 |
| 08 51 19 00-0011 | SF | Stainless Steel Picture Window Sash | 63.09 | 5.16 |
| 08 51 19 00-0012 | SF | Sliding Stainless Steel Window | 112.12 | 5.16 |
| 08 51 19 00-0013 | | Casements *(08 51 19 00-0001)* | | |
| 08 51 19 00-0014 | SF | Stainless Steel Window Casements, 100% Vented Operable, Factory Primed | 97.06 | 5.16 |
| 08 51 19 00-0015 | SF | Stainless Steel Window Casements, 50% Vented Operable, Factory Primed | 83.58 | 5.16 |
| 08 51 19 00-0016 | SF | Stainless Steel Window Casements, Fixed Sash, Factory Primed | 58.15 | 5.16 |

## 08 51 23 Steel Windows *(08 51)*

Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.

| | | | | |
|---|---|---|---|---|
| 08 51 23 00-0001 | | Steel Windows *(08 51 23)* | | |
| 08 51 23 00-0002 | | Industrial *(08 51 23 00-0001)* | | |
| 08 51 23 00-0003 | SF | Industrial Steel Window With Horizontal Pivot Sash | 48.09 | 5.16 |
| 08 51 23 00-0004 | SF | Industrial Steel Window, With Fixed Sash | 43.25 | 5.16 |
| 08 51 23 00-0005 | SF | Industrial Steel Window, With Operable Security Sash | 67.96 | 5.16 |
| 08 51 23 00-0006 | SF | Industrial Steel Window, With Fixed Security Sash | 58.27 | 5.16 |
| 08 51 23 00-0007 | | Projected Sash *(08 51 23 00-0001)* | | |
| 08 51 23 00-0008 | SF | Commercial Projected Sash Window - 40% Vented Steel | 53.61 | 5.16 |
| 08 51 23 00-0009 | SF | Intermediate Projected Sash Window - 40% Vented Steel | 58.93 | 5.16 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 51 23 00-0010** | | **Other Type Sash** *(08 51 23 00-0001)* | | |
| 08 51 23 00-0011 | SF | Double Hung Steel Window Sash | 68.34 | 5.16 |
| 08 51 23 00-0012 | SF | Steel Picture Window Sash | 30.41 | 5.16 |
| 08 51 23 00-0013 | SF | Fire Rated Double Hung Steel Window Sash | 70.44 | 6.44 |
| 08 51 23 00-0014 | SF | Single Hung Steel Window Sash | 48.89 | 5.16 |
| **08 51 23 00-0015** | | **Casements** *(08 51 23 00-0001)* | | |
| 08 51 23 00-0016 | SF | Steel Window Casements, 100% Vented Operable, Factory Primed | 61.45 | 2.57 |
| 08 51 23 00-0017 | SF | Steel Window Casements, 50% Vented Operable, Factory Primed | 53.40 | 2.57 |
| 08 51 23 00-0018 | SF | Steel Window Casements, Fixed Sash, Factory Primed | 38.20 | 3.86 |
| **08 51 23 00-0019** | | **Mullions** *(08 51 23 00-0001)* | | |
| 08 51 23 00-0020 | LF | Open Faced Steel Mullion | 23.11 | 3.86 |
| 08 51 23 00-0021 | LF | Covered Steel Mullions | 38.34 | 3.86 |
| **08 51 23 00-0022** | | **Removal And Reinstallation Of Metal Window And Frame** *(08 51 23)*<br>Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants. | | |
| 08 51 23 00-0023 | SF | Removal And Reinstallation Of Metal Window And Frame | 13.35 | |

## 08 51 66 Metal Window Screens *(08 51)*

| | | | | |
|---|---|---|---|---|
| **08 51 66 00-0001** | | **Aluminum Window Insect Screens** *(08 51 66)*<br>Note: Includes aluminum frames. | | |
| 08 51 66 00-0002 | SF | Up To 10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows | 7.91 | 1.29 |
| 08 51 66 00-0003 | SF | >10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows | 5.39 | 1.03 |
| 08 51 66 00-0004 | SF | Repair Aluminum Mesh Screen Window | 5.11 | |

## 08 51 69 Metal Storm Windows *(08 51)*

| | | | | |
|---|---|---|---|---|
| **08 51 69 00-0001** | | **Storm Windows** *(08 51 69)* | | |
| 08 51 69 00-0002 | SF | Double Hung, Aluminum, Combination Storm And Screen | 29.97 | 2.57 |

# 08 52 Wood Windows *(08 50)*

## 08 52 11 Wood Windows *(08 52)*

| | | | |
|---|---|---|---|
| **08 52 11 00-0001** | | **Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11)*<br>Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles. | |
| **08 52 11 00-0002** | | **30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)* | |
| 08 52 11 00-0003 | EA | 20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 292.45 |
| | | *For Low-E Insulated Glass, Add* | *26.46* |
| | | *For Aluminum Clad Exterior, Add* | *28.35* |
| 08 52 11 00-0004 | EA | 24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 310.85 |
| | | *For Low-E Insulated Glass, Add* | *28.37* |
| | | *For Aluminum Clad Exterior, Add* | *30.39* |
| 08 52 11 00-0005 | EA | 28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 330.62 |
| | | *For Low-E Insulated Glass, Add* | *30.46* |
| | | *For Aluminum Clad Exterior, Add* | *32.64* |
| 08 52 11 00-0006 | EA | 30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 341.18 |
| | | *For Low-E Insulated Glass, Add* | *31.61* |
| | | *For Aluminum Clad Exterior, Add* | *33.86* |
| 08 52 11 00-0007 | EA | 32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 350.39 |
| | | *For Low-E Insulated Glass, Add* | *32.56* |
| | | *For Aluminum Clad Exterior, Add* | *34.88* |
| 08 52 11 00-0008 | EA | 34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 362.32 |
| | | *For Low-E Insulated Glass, Add* | *33.89* |
| | | *For Aluminum Clad Exterior, Add* | *36.31* |
| 08 52 11 00-0009 | EA | 36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 367.49 |
| | | *For Low-E Insulated Glass, Add* | *34.28* |
| | | *For Aluminum Clad Exterior, Add* | *36.73* |
| 08 52 11 00-0010 | EA | 40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 391.29 |
| | | *For Low-E Insulated Glass, Add* | *36.94* |
| | | *For Aluminum Clad Exterior, Add* | *39.57* |
| 08 52 11 00-0011 | EA | 44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows | 411.06 |
| | | *For Low-E Insulated Glass, Add* | *39.03* |
| | | *For Aluminum Clad Exterior, Add* | *41.82* |
| **08 52 11 00-0012** | | **34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)* | |
| 08 52 11 00-0013 | EA | 20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 310.85 |
| | | *For Low-E Insulated Glass, Add* | *28.37* |
| | | *For Aluminum Clad Exterior, Add* | *30.39* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 11 00-0014 | EA | 24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 330.62 | |
| | | *For Low-E Insulated Glass, Add* | *30.46* | |
| | | *For Aluminum Clad Exterior, Add* | *32.64* | |
| 08 52 11 00-0015 | EA | 28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 347.98 | |
| | | *For Low-E Insulated Glass, Add* | *32.56* | |
| | | *For Aluminum Clad Exterior, Add* | *34.88* | |
| 08 52 11 00-0016 | EA | 30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 362.32 | |
| | | *For Low-E Insulated Glass, Add* | *33.89* | |
| | | *For Aluminum Clad Exterior, Add* | *36.31* | |
| 08 52 11 00-0017 | EA | 32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 371.52 | |
| | | *For Low-E Insulated Glass, Add* | *34.84* | |
| | | *For Aluminum Clad Exterior, Add* | *37.33* | |
| 08 52 11 00-0018 | EA | 34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 382.09 | |
| | | *For Low-E Insulated Glass, Add* | *35.98* | |
| | | *For Aluminum Clad Exterior, Add* | *38.55* | |
| 08 52 11 00-0019 | EA | 36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 391.29 | |
| | | *For Low-E Insulated Glass, Add* | *36.94* | |
| | | *For Aluminum Clad Exterior, Add* | *39.57* | |
| 08 52 11 00-0020 | EA | 40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 411.06 | |
| | | *For Low-E Insulated Glass, Add* | *39.03* | |
| | | *For Aluminum Clad Exterior, Add* | *41.82* | |
| 08 52 11 00-0021 | EA | 44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows | 430.83 | |
| | | *For Low-E Insulated Glass, Add* | *41.13* | |
| | | *For Aluminum Clad Exterior, Add* | *44.06* | |

## 08 52 11 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

*(08 52 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0023 | EA | 20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 320.21 | |
| | | *For Low-E Insulated Glass, Add* | *29.51* | |
| | | *For Aluminum Clad Exterior, Add* | *31.62* | |
| 08 52 11 00-0024 | EA | 24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 339.98 | |
| | | *For Low-E Insulated Glass, Add* | *31.61* | |
| | | *For Aluminum Clad Exterior, Add* | *33.86* | |
| 08 52 11 00-0025 | EA | 28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 361.12 | |
| | | *For Low-E Insulated Glass, Add* | *33.89* | |
| | | *For Aluminum Clad Exterior, Add* | *36.31* | |
| 08 52 11 00-0026 | EA | 30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 370.32 | |
| | | *For Low-E Insulated Glass, Add* | *34.84* | |
| | | *For Aluminum Clad Exterior, Add* | *37.33* | |
| 08 52 11 00-0027 | EA | 32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 380.88 | |
| | | *For Low-E Insulated Glass, Add* | *35.98* | |
| | | *For Aluminum Clad Exterior, Add* | *38.55* | |
| 08 52 11 00-0028 | EA | 34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 390.09 | |
| | | *For Low-E Insulated Glass, Add* | *36.94* | |
| | | *For Aluminum Clad Exterior, Add* | *39.57* | |
| 08 52 11 00-0029 | EA | 36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 400.65 | |
| | | *For Low-E Insulated Glass, Add* | *38.08* | |
| | | *For Aluminum Clad Exterior, Add* | *40.80* | |
| 08 52 11 00-0030 | EA | 40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 419.06 | |
| | | *For Low-E Insulated Glass, Add* | *39.98* | |
| | | *For Aluminum Clad Exterior, Add* | *42.84* | |
| 08 52 11 00-0031 | EA | 44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows | 438.83 | |
| | | *For Low-E Insulated Glass, Add* | *42.08* | |
| | | *For Aluminum Clad Exterior, Add* | *45.08* | |

## 08 52 11 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

*(08 52 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0033 | EA | 20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 331.82 | |
| | | *For Low-E Insulated Glass, Add* | *30.46* | |
| | | *For Aluminum Clad Exterior, Add* | *32.64* | |
| 08 52 11 00-0034 | EA | 24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 351.60 | |
| | | *For Low-E Insulated Glass, Add* | *32.56* | |
| | | *For Aluminum Clad Exterior, Add* | *34.88* | |
| 08 52 11 00-0035 | EA | 28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 372.72 | |
| | | *For Low-E Insulated Glass, Add* | *34.84* | |
| | | *For Aluminum Clad Exterior, Add* | *37.33* | |
| 08 52 11 00-0036 | EA | 30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 383.29 | |
| | | *For Low-E Insulated Glass, Add* | *35.98* | |
| | | *For Aluminum Clad Exterior, Add* | *38.55* | |
| 08 52 11 00-0037 | EA | 32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 392.49 | |
| | | *For Low-E Insulated Glass, Add* | *36.94* | |
| | | *For Aluminum Clad Exterior, Add* | *39.57* | |
| 08 52 11 00-0038 | EA | 34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 403.05 | |
| | | *For Low-E Insulated Glass, Add* | *38.08* | |
| | | *For Aluminum Clad Exterior, Add* | *40.80* | |
| 08 52 11 00-0039 | EA | 36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 412.26 | |
| | | *For Low-E Insulated Glass, Add* | *39.03* | |
| | | *For Aluminum Clad Exterior, Add* | *41.82* | |
| 08 52 11 00-0040 | EA | 40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 432.03 | |
| | | *For Low-E Insulated Glass, Add* | *41.13* | |
| | | *For Aluminum Clad Exterior, Add* | *44.06* | |
| 08 52 11 00-0041 | EA | 44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows | 451.80 | |
| | | *For Low-E Insulated Glass, Add* | *43.22* | |
| | | *For Aluminum Clad Exterior, Add* | *46.31* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 52 11 00-0042** | | **46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)* | | |
| 08 52 11 00-0043 | EA | 20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 371.52 | |
| | | *For Low-E Insulated Glass, Add* | *34.84* | |
| | | *For Aluminum Clad Exterior, Add* | *37.33* | |
| 08 52 11 00-0044 | EA | 24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 391.29 | |
| | | *For Low-E Insulated Glass, Add* | *36.94* | |
| | | *For Aluminum Clad Exterior, Add* | *39.57* | |
| 08 52 11 00-0045 | EA | 28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 411.06 | |
| | | *For Low-E Insulated Glass, Add* | *39.03* | |
| | | *For Aluminum Clad Exterior, Add* | *41.82* | |
| 08 52 11 00-0046 | EA | 30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 420.27 | |
| | | *For Low-E Insulated Glass, Add* | *39.98* | |
| | | *For Aluminum Clad Exterior, Add* | *42.84* | |
| 08 52 11 00-0047 | EA | 32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 430.83 | |
| | | *For Low-E Insulated Glass, Add* | *41.13* | |
| | | *For Aluminum Clad Exterior, Add* | *44.06* | |
| 08 52 11 00-0048 | EA | 34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 440.04 | |
| | | *For Low-E Insulated Glass, Add* | *42.08* | |
| | | *For Aluminum Clad Exterior, Add* | *45.08* | |
| 08 52 11 00-0049 | EA | 36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 450.60 | |
| | | *For Low-E Insulated Glass, Add* | *43.22* | |
| | | *For Aluminum Clad Exterior, Add* | *46.31* | |
| 08 52 11 00-0050 | EA | 40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 470.37 | |
| | | *For Low-E Insulated Glass, Add* | *45.31* | |
| | | *For Aluminum Clad Exterior, Add* | *48.55* | |
| 08 52 11 00-0051 | EA | 44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows | 491.50 | |
| | | *For Low-E Insulated Glass, Add* | *47.60* | |
| | | *For Aluminum Clad Exterior, Add* | *51.00* | |
| **08 52 11 00-0052** | | **48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)* | | |
| 08 52 11 00-0053 | EA | 20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 380.88 | |
| | | *For Low-E Insulated Glass, Add* | *35.98* | |
| | | *For Aluminum Clad Exterior, Add* | *38.55* | |
| 08 52 11 00-0054 | EA | 24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 400.65 | |
| | | *For Low-E Insulated Glass, Add* | *38.08* | |
| | | *For Aluminum Clad Exterior, Add* | *40.80* | |
| 08 52 11 00-0055 | EA | 28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 419.06 | |
| | | *For Low-E Insulated Glass, Add* | *39.98* | |
| | | *For Aluminum Clad Exterior, Add* | *42.84* | |
| 08 52 11 00-0056 | EA | 30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 429.63 | |
| | | *For Low-E Insulated Glass, Add* | *41.13* | |
| | | *For Aluminum Clad Exterior, Add* | *44.06* | |
| 08 52 11 00-0057 | EA | 32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 438.83 | |
| | | *For Low-E Insulated Glass, Add* | *42.08* | |
| | | *For Aluminum Clad Exterior, Add* | *45.08* | |
| 08 52 11 00-0058 | EA | 34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 449.40 | |
| | | *For Low-E Insulated Glass, Add* | *43.22* | |
| | | *For Aluminum Clad Exterior, Add* | *46.31* | |
| 08 52 11 00-0059 | EA | 36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 458.60 | |
| | | *For Low-E Insulated Glass, Add* | *44.17* | |
| | | *For Aluminum Clad Exterior, Add* | *47.33* | |
| 08 52 11 00-0060 | EA | 40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 479.73 | |
| | | *For Low-E Insulated Glass, Add* | *46.46* | |
| | | *For Aluminum Clad Exterior, Add* | *49.77* | |
| 08 52 11 00-0061 | EA | 44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows | 499.50 | |
| | | *For Low-E Insulated Glass, Add* | *48.55* | |
| | | *For Aluminum Clad Exterior, Add* | *52.02* | |
| **08 52 11 00-0062** | | **50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)* | | |
| 08 52 11 00-0063 | EA | 20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 392.49 | |
| | | *For Low-E Insulated Glass, Add* | *36.94* | |
| | | *For Aluminum Clad Exterior, Add* | *39.57* | |
| 08 52 11 00-0064 | EA | 24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 412.26 | |
| | | *For Low-E Insulated Glass, Add* | *39.03* | |
| | | *For Aluminum Clad Exterior, Add* | *41.82* | |
| 08 52 11 00-0065 | EA | 28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 432.03 | |
| | | *For Low-E Insulated Glass, Add* | *41.13* | |
| | | *For Aluminum Clad Exterior, Add* | *44.06* | |
| 08 52 11 00-0066 | EA | 30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 441.24 | |
| | | *For Low-E Insulated Glass, Add* | *42.08* | |
| | | *For Aluminum Clad Exterior, Add* | *45.08* | |
| 08 52 11 00-0067 | EA | 32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 451.80 | |
| | | *For Low-E Insulated Glass, Add* | *43.22* | |
| | | *For Aluminum Clad Exterior, Add* | *46.31* | |
| 08 52 11 00-0068 | EA | 34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 461.00 | |
| | | *For Low-E Insulated Glass, Add* | *44.17* | |
| | | *For Aluminum Clad Exterior, Add* | *47.33* | |
| 08 52 11 00-0069 | EA | 36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 471.57 | |
| | | *For Low-E Insulated Glass, Add* | *45.31* | |
| | | *For Aluminum Clad Exterior, Add* | *48.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 11 00-0070 | EA | 40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 492.70 | |
| | | *For Low-E Insulated Glass, Add* | *47.60* | |
| | | *For Aluminum Clad Exterior, Add* | *51.00* | |
| 08 52 11 00-0071 | EA | 44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows | 512.47 | |
| | | *For Low-E Insulated Glass, Add* | *49.69* | |
| | | *For Aluminum Clad Exterior, Add* | *53.24* | |

## 08 52 11 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

*(08 52 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0073 | EA | 20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 412.26 | |
| | | *For Low-E Insulated Glass, Add* | *39.03* | |
| | | *For Aluminum Clad Exterior, Add* | *41.82* | |
| 08 52 11 00-0074 | EA | 24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 432.03 | |
| | | *For Low-E Insulated Glass, Add* | *41.13* | |
| | | *For Aluminum Clad Exterior, Add* | *44.06* | |
| 08 52 11 00-0075 | EA | 28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 451.80 | |
| | | *For Low-E Insulated Glass, Add* | *43.22* | |
| | | *For Aluminum Clad Exterior, Add* | *46.31* | |
| 08 52 11 00-0076 | EA | 30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 461.00 | |
| | | *For Low-E Insulated Glass, Add* | *44.17* | |
| | | *For Aluminum Clad Exterior, Add* | *47.33* | |
| 08 52 11 00-0077 | EA | 32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 471.57 | |
| | | *For Low-E Insulated Glass, Add* | *45.31* | |
| | | *For Aluminum Clad Exterior, Add* | *48.55* | |
| 08 52 11 00-0078 | EA | 34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 482.14 | |
| | | *For Low-E Insulated Glass, Add* | *46.46* | |
| | | *For Aluminum Clad Exterior, Add* | *49.77* | |
| 08 52 11 00-0079 | EA | 36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 492.70 | |
| | | *For Low-E Insulated Glass, Add* | *47.60* | |
| | | *For Aluminum Clad Exterior, Add* | *51.00* | |
| 08 52 11 00-0080 | EA | 40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 512.47 | |
| | | *For Low-E Insulated Glass, Add* | *49.69* | |
| | | *For Aluminum Clad Exterior, Add* | *53.24* | |
| 08 52 11 00-0081 | EA | 44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows | 532.24 | |
| | | *For Low-E Insulated Glass, Add* | *51.79* | |
| | | *For Aluminum Clad Exterior, Add* | *55.49* | |

## 08 52 11 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

*(08 52 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0083 | EA | 20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 430.83 | |
| | | *For Low-E Insulated Glass, Add* | *41.13* | |
| | | *For Aluminum Clad Exterior, Add* | *44.06* | |
| 08 52 11 00-0084 | EA | 24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 450.60 | |
| | | *For Low-E Insulated Glass, Add* | *43.22* | |
| | | *For Aluminum Clad Exterior, Add* | *46.31* | |
| 08 52 11 00-0085 | EA | 28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 470.37 | |
| | | *For Low-E Insulated Glass, Add* | *45.31* | |
| | | *For Aluminum Clad Exterior, Add* | *48.55* | |
| 08 52 11 00-0086 | EA | 30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 480.93 | |
| | | *For Low-E Insulated Glass, Add* | *46.46* | |
| | | *For Aluminum Clad Exterior, Add* | *49.77* | |
| 08 52 11 00-0087 | EA | 32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 491.50 | |
| | | *For Low-E Insulated Glass, Add* | *47.60* | |
| | | *For Aluminum Clad Exterior, Add* | *51.00* | |
| 08 52 11 00-0088 | EA | 34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 500.71 | |
| | | *For Low-E Insulated Glass, Add* | *48.55* | |
| | | *For Aluminum Clad Exterior, Add* | *52.02* | |
| 08 52 11 00-0089 | EA | 36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 511.27 | |
| | | *For Low-E Insulated Glass, Add* | *49.69* | |
| | | *For Aluminum Clad Exterior, Add* | *53.24* | |
| 08 52 11 00-0090 | EA | 40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 531.04 | |
| | | *For Low-E Insulated Glass, Add* | *51.79* | |
| | | *For Aluminum Clad Exterior, Add* | *55.49* | |
| 08 52 11 00-0091 | EA | 44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows | 549.45 | |
| | | *For Low-E Insulated Glass, Add* | *53.69* | |
| | | *For Aluminum Clad Exterior, Add* | *57.53* | |

## 08 52 11 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

*(08 52 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0093 | EA | 20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 438.83 | |
| | | *For Low-E Insulated Glass, Add* | *42.08* | |
| | | *For Aluminum Clad Exterior, Add* | *45.08* | |
| 08 52 11 00-0094 | EA | 24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 458.60 | |
| | | *For Low-E Insulated Glass, Add* | *44.17* | |
| | | *For Aluminum Clad Exterior, Add* | *47.33* | |
| 08 52 11 00-0095 | EA | 28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 479.73 | |
| | | *For Low-E Insulated Glass, Add* | *46.46* | |
| | | *For Aluminum Clad Exterior, Add* | *49.77* | |
| 08 52 11 00-0096 | EA | 30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 490.30 | |
| | | *For Low-E Insulated Glass, Add* | *47.60* | |
| | | *For Aluminum Clad Exterior, Add* | *51.00* | |
| 08 52 11 00-0097 | EA | 32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 499.50 | |
| | | *For Low-E Insulated Glass, Add* | *48.55* | |
| | | *For Aluminum Clad Exterior, Add* | *52.02* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 11 00-0098 | EA | 34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 510.07 | |
| | | *For Low-E Insulated Glass, Add* | *49.69* | |
| | | *For Aluminum Clad Exterior, Add* | *53.24* | |
| 08 52 11 00-0099 | EA | 36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 519.27 | |
| | | *For Low-E Insulated Glass, Add* | *50.65* | |
| | | *For Aluminum Clad Exterior, Add* | *54.26* | |
| 08 52 11 00-0100 | EA | 40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 539.04 | |
| | | *For Low-E Insulated Glass, Add* | *52.74* | |
| | | *For Aluminum Clad Exterior, Add* | *56.51* | |
| 08 52 11 00-0101 | EA | 44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows | 558.81 | |
| | | *For Low-E Insulated Glass, Add* | *54.83* | |
| | | *For Aluminum Clad Exterior, Add* | *58.75* | |
| 08 52 11 00-0102 | | 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)* | | |
| 08 52 11 00-0103 | EA | 20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 451.80 | |
| | | *For Low-E Insulated Glass, Add* | *43.22* | |
| | | *For Aluminum Clad Exterior, Add* | *46.31* | |
| 08 52 11 00-0104 | EA | 24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 471.57 | |
| | | *For Low-E Insulated Glass, Add* | *45.31* | |
| | | *For Aluminum Clad Exterior, Add* | *48.55* | |
| 08 52 11 00-0105 | EA | 28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 492.70 | |
| | | *For Low-E Insulated Glass, Add* | *47.60* | |
| | | *For Aluminum Clad Exterior, Add* | *51.00* | |
| 08 52 11 00-0106 | EA | 30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 501.91 | |
| | | *For Low-E Insulated Glass, Add* | *48.55* | |
| | | *For Aluminum Clad Exterior, Add* | *52.02* | |
| 08 52 11 00-0107 | EA | 32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 512.47 | |
| | | *For Low-E Insulated Glass, Add* | *49.69* | |
| | | *For Aluminum Clad Exterior, Add* | *53.24* | |
| 08 52 11 00-0108 | EA | 34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 521.67 | |
| | | *For Low-E Insulated Glass, Add* | *50.65* | |
| | | *For Aluminum Clad Exterior, Add* | *54.26* | |
| 08 52 11 00-0109 | EA | 36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 532.24 | |
| | | *For Low-E Insulated Glass, Add* | *51.79* | |
| | | *For Aluminum Clad Exterior, Add* | *55.49* | |
| 08 52 11 00-0110 | EA | 40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 550.65 | |
| | | *For Low-E Insulated Glass, Add* | *53.69* | |
| | | *For Aluminum Clad Exterior, Add* | *57.53* | |
| 08 52 11 00-0111 | EA | 44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows | 570.42 | |
| | | *For Low-E Insulated Glass, Add* | *55.79* | |
| | | *For Aluminum Clad Exterior, Add* | *59.77* | |
| 08 52 11 00-0112 | | 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)* | | |
| 08 52 11 00-0113 | EA | 20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 471.57 | |
| | | *For Low-E Insulated Glass, Add* | *45.31* | |
| | | *For Aluminum Clad Exterior, Add* | *48.55* | |
| 08 52 11 00-0114 | EA | 24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 492.70 | |
| | | *For Low-E Insulated Glass, Add* | *47.60* | |
| | | *For Aluminum Clad Exterior, Add* | *51.00* | |
| 08 52 11 00-0115 | EA | 28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 512.47 | |
| | | *For Low-E Insulated Glass, Add* | *49.69* | |
| | | *For Aluminum Clad Exterior, Add* | *53.24* | |
| 08 52 11 00-0116 | EA | 30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 521.67 | |
| | | *For Low-E Insulated Glass, Add* | *50.65* | |
| | | *For Aluminum Clad Exterior, Add* | *54.26* | |
| 08 52 11 00-0117 | EA | 32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 532.24 | |
| | | *For Low-E Insulated Glass, Add* | *51.79* | |
| | | *For Aluminum Clad Exterior, Add* | *55.49* | |
| 08 52 11 00-0118 | EA | 34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 541.44 | |
| | | *For Low-E Insulated Glass, Add* | *52.74* | |
| | | *For Aluminum Clad Exterior, Add* | *56.51* | |
| 08 52 11 00-0119 | EA | 36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 550.65 | |
| | | *For Low-E Insulated Glass, Add* | *53.69* | |
| | | *For Aluminum Clad Exterior, Add* | *57.53* | |
| 08 52 11 00-0120 | EA | 40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 570.42 | |
| | | *For Low-E Insulated Glass, Add* | *55.79* | |
| | | *For Aluminum Clad Exterior, Add* | *59.77* | |
| 08 52 11 00-0121 | EA | 44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows | 590.19 | |
| | | *For Low-E Insulated Glass, Add* | *57.88* | |
| | | *For Aluminum Clad Exterior, Add* | *62.01* | |
| 08 52 11 00-0122 | | 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)* | | |
| 08 52 11 00-0123 | EA | 20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 491.50 | |
| | | *For Low-E Insulated Glass, Add* | *47.60* | |
| | | *For Aluminum Clad Exterior, Add* | *51.00* | |
| 08 52 11 00-0124 | EA | 24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 511.27 | |
| | | *For Low-E Insulated Glass, Add* | *49.69* | |
| | | *For Aluminum Clad Exterior, Add* | *53.24* | |
| 08 52 11 00-0125 | EA | 28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 531.04 | |
| | | *For Low-E Insulated Glass, Add* | *51.79* | |
| | | *For Aluminum Clad Exterior, Add* | *55.49* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 11 00-0126 | EA | 30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 540.24 | |
| | | *For Low-E Insulated Glass, Add* | *52.74* | |
| | | *For Aluminum Clad Exterior, Add* | *56.51* | |
| 08 52 11 00-0127 | EA | 32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 549.45 | |
| | | *For Low-E Insulated Glass, Add* | *53.69* | |
| | | *For Aluminum Clad Exterior, Add* | *57.53* | |
| 08 52 11 00-0128 | EA | 34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 564.05 | |
| | | *For Low-E Insulated Glass, Add* | *55.40* | |
| | | *For Aluminum Clad Exterior, Add* | *59.36* | |
| 08 52 11 00-0129 | EA | 36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 570.64 | |
| | | *For Low-E Insulated Glass, Add* | *55.98* | |
| | | *For Aluminum Clad Exterior, Add* | *59.98* | |
| 08 52 11 00-0130 | EA | 40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 588.99 | |
| | | *For Low-E Insulated Glass, Add* | *57.88* | |
| | | *For Aluminum Clad Exterior, Add* | *62.01* | |
| 08 52 11 00-0131 | EA | 44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows | 610.11 | |
| | | *For Low-E Insulated Glass, Add* | *60.17* | |
| | | *For Aluminum Clad Exterior, Add* | *64.46* | |

### 08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

*(08 52 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0133 | EA | 20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 512.47 | |
| | | *For Low-E Insulated Glass, Add* | *49.69* | |
| | | *For Aluminum Clad Exterior, Add* | *53.24* | |
| 08 52 11 00-0134 | EA | 24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 532.24 | |
| | | *For Low-E Insulated Glass, Add* | *51.79* | |
| | | *For Aluminum Clad Exterior, Add* | *55.49* | |
| 08 52 11 00-0135 | EA | 28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 550.65 | |
| | | *For Low-E Insulated Glass, Add* | *53.69* | |
| | | *For Aluminum Clad Exterior, Add* | *57.53* | |
| 08 52 11 00-0136 | EA | 30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 561.22 | |
| | | *For Low-E Insulated Glass, Add* | *54.83* | |
| | | *For Aluminum Clad Exterior, Add* | *58.75* | |
| 08 52 11 00-0137 | EA | 32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 570.42 | |
| | | *For Low-E Insulated Glass, Add* | *55.79* | |
| | | *For Aluminum Clad Exterior, Add* | *59.77* | |
| 08 52 11 00-0138 | EA | 34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 580.98 | |
| | | *For Low-E Insulated Glass, Add* | *56.93* | |
| | | *For Aluminum Clad Exterior, Add* | *60.99* | |
| 08 52 11 00-0139 | EA | 36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 590.19 | |
| | | *For Low-E Insulated Glass, Add* | *57.88* | |
| | | *For Aluminum Clad Exterior, Add* | *62.01* | |
| 08 52 11 00-0140 | EA | 40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 611.32 | |
| | | *For Low-E Insulated Glass, Add* | *60.17* | |
| | | *For Aluminum Clad Exterior, Add* | *64.46* | |
| 08 52 11 00-0141 | EA | 44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows | 631.09 | |
| | | *For Low-E Insulated Glass, Add* | *62.26* | |
| | | *For Aluminum Clad Exterior, Add* | *66.71* | |

### 08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

*(08 52 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0143 | EA | 20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 537.05 | |
| | | *For Low-E Insulated Glass, Add* | *51.79* | |
| | | *For Aluminum Clad Exterior, Add* | *55.49* | |
| 08 52 11 00-0144 | EA | 24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 555.46 | |
| | | *For Low-E Insulated Glass, Add* | *53.69* | |
| | | *For Aluminum Clad Exterior, Add* | *57.53* | |
| 08 52 11 00-0145 | EA | 28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 575.23 | |
| | | *For Low-E Insulated Glass, Add* | *55.79* | |
| | | *For Aluminum Clad Exterior, Add* | *59.77* | |
| 08 52 11 00-0146 | EA | 30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 585.79 | |
| | | *For Low-E Insulated Glass, Add* | *56.93* | |
| | | *For Aluminum Clad Exterior, Add* | *60.99* | |
| 08 52 11 00-0147 | EA | 32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 595.00 | |
| | | *For Low-E Insulated Glass, Add* | *57.88* | |
| | | *For Aluminum Clad Exterior, Add* | *62.01* | |
| 08 52 11 00-0148 | EA | 34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 605.57 | |
| | | *For Low-E Insulated Glass, Add* | *59.02* | |
| | | *For Aluminum Clad Exterior, Add* | *63.24* | |
| 08 52 11 00-0149 | EA | 36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 616.13 | |
| | | *For Low-E Insulated Glass, Add* | *60.17* | |
| | | *For Aluminum Clad Exterior, Add* | *64.46* | |
| 08 52 11 00-0150 | EA | 40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 635.90 | |
| | | *For Low-E Insulated Glass, Add* | *62.26* | |
| | | *For Aluminum Clad Exterior, Add* | *66.71* | |
| 08 52 11 00-0151 | EA | 44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows | 655.66 | |
| | | *For Low-E Insulated Glass, Add* | *64.35* | |
| | | *For Aluminum Clad Exterior, Add* | *68.95* | |

### 08 52 11 00-0152 Commercial And Institutional Heavy Double Hung Windows *(08 52 11)*

Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 11 00-0153 | SF | Up To 21 SF Double Hung Wood Window With True Divided Lite | 87.75 | 10.74 |
| | | *For Insulating Glass, Add* | *5.63* | |
| 08 52 11 00-0154 | SF | 21 To 40 SF Double Hung Wood Window With True Divided Lite | 83.20 | 11.94 |
| | | *For Insulating Glass, Add* | *5.04* | |
| 08 52 11 00-0155 | SF | 40 SF And Over Double Hung Wood Window With True Divided Lite | 79.06 | 13.40 |
| | | *For Insulating Glass, Add* | *4.44* | |

08 52 11 00-0156 Architectural And Historic Reproduction Wood Windows *(08 52 11)*

Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0157 | SF | Up To 21 SF Architectural And Historic Reproduction Wood Window | 94.74 | 10.73 |
| | | *For Insulating Glass, Add* | *6.23* | |
| 08 52 11 00-0158 | SF | 21 To 40 SF Architectural And Historic Reproduction Wood Window | 86.97 | 11.93 |
| | | *For Insulating Glass, Add* | *5.37* | |
| 08 52 11 00-0159 | SF | 40 SF And Over Architectural And Historic Reproduction Wood Window | 81.27 | 13.39 |
| | | *For Insulating Glass, Add* | *4.63* | |

08 52 11 00-0160 Removal And Reinstallation Of Wood Window And Frame *(08 52 11)*

Note: Includes storage, cleaning and supply materials.

| | | | | |
|---|---|---|---|---|
| 08 52 11 00-0161 | SF | Removal And Reinstallation Of Wood Windows And Frames | 20.05 | |

## 08 52 16 Plastic-Clad Wood Windows *(08 52)*

08 52 16 00-0001 Double Hung Wood Clad Windows *(08 52 16)*

Note: Double hung windows feature two movable sashes that operate vertically and open independently.

08 52 16 00-0002 Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0003 35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0004 | EA | 23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 286.09 | 39.51 |
| | | *For Low-E Insulated Glass, Add* | *24.85* | |
| | | *For Tempered Clear Insulated Glass, Add* | *41.41* | |
| 08 52 16 00-0005 | EA | 27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 302.96 | 41.23 |
| | | *For Low-E Insulated Glass, Add* | *26.46* | |
| | | *For Tempered Clear Insulated Glass, Add* | *44.10* | |
| 08 52 16 00-0006 | EA | 31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 318.70 | 42.94 |
| | | *For Low-E Insulated Glass, Add* | *27.94* | |
| | | *For Tempered Clear Insulated Glass, Add* | *46.56* | |
| 08 52 16 00-0007 | EA | 35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 334.46 | 44.66 |
| | | *For Low-E Insulated Glass, Add* | *29.42* | |
| | | *For Tempered Clear Insulated Glass, Add* | *49.03* | |

08 52 16 00-0008 41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0009 | EA | 23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 310.27 | 42.09 |
| | | *For Low-E Insulated Glass, Add* | *27.13* | |
| | | *For Tempered Clear Insulated Glass, Add* | *45.22* | |
| 08 52 16 00-0010 | EA | 27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 327.13 | 43.80 |
| | | *For Low-E Insulated Glass, Add* | *28.74* | |
| | | *For Tempered Clear Insulated Glass, Add* | *47.91* | |
| 08 52 16 00-0011 | EA | 31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 342.89 | 45.52 |
| | | *For Low-E Insulated Glass, Add* | *30.22* | |
| | | *For Tempered Clear Insulated Glass, Add* | *50.37* | |
| 08 52 16 00-0012 | EA | 35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 358.63 | 47.24 |
| | | *For Low-E Insulated Glass, Add* | *31.70* | |
| | | *For Tempered Clear Insulated Glass, Add* | *52.83* | |

08 52 16 00-0013 47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0014 | EA | 23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 334.46 | 44.66 |
| | | *For Low-E Insulated Glass, Add* | *29.42* | |
| | | *For Tempered Clear Insulated Glass, Add* | *49.03* | |
| 08 52 16 00-0015 | EA | 27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 350.20 | 46.39 |
| | | *For Low-E Insulated Glass, Add* | *30.89* | |
| | | *For Tempered Clear Insulated Glass, Add* | *51.49* | |
| 08 52 16 00-0016 | EA | 31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 367.07 | 48.10 |
| | | *For Low-E Insulated Glass, Add* | *32.50* | |
| | | *For Tempered Clear Insulated Glass, Add* | *54.17* | |
| 08 52 16 00-0017 | EA | 35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 382.81 | 49.82 |
| | | *For Low-E Insulated Glass, Add* | *33.98* | |
| | | *For Tempered Clear Insulated Glass, Add* | *56.64* | |

08 52 16 00-0018 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0019 | EA | 23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 358.63 | 47.24 |
| | | *For Low-E Insulated Glass, Add* | *31.70* | |
| | | *For Tempered Clear Insulated Glass, Add* | *52.83* | |
| 08 52 16 00-0020 | EA | 27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 374.39 | 48.96 |
| | | *For Low-E Insulated Glass, Add* | *33.18* | |
| | | *For Tempered Clear Insulated Glass, Add* | *55.29* | |
| 08 52 16 00-0021 | EA | 31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 390.13 | 50.67 |
| | | *For Low-E Insulated Glass, Add* | *34.65* | |
| | | *For Tempered Clear Insulated Glass, Add* | *57.76* | |
| 08 52 16 00-0022 | EA | 35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 407.00 | 52.39 |
| | | *For Low-E Insulated Glass, Add* | *36.27* | |
| | | *For Tempered Clear Insulated Glass, Add* | *60.44* | |

### 08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0024 | EA | 19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 354.42 | 47.24 |
| | | *For Low-E Insulated Glass, Add* | *31.30* | |
| | | *For Tempered Clear Insulated Glass, Add* | *52.16* | |
| 08 52 16 00-0025 | EA | 23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 370.17 | 48.52 |
| | | *For Low-E Insulated Glass, Add* | *32.77* | |
| | | *For Tempered Clear Insulated Glass, Add* | *54.62* | |
| 08 52 16 00-0026 | EA | 27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 387.03 | 50.67 |
| | | *For Low-E Insulated Glass, Add* | *34.38* | |
| | | *For Tempered Clear Insulated Glass, Add* | *57.31* | |
| 08 52 16 00-0027 | EA | 31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 402.78 | 52.39 |
| | | *For Low-E Insulated Glass, Add* | *35.86* | |
| | | *For Tempered Clear Insulated Glass, Add* | *59.77* | |
| 08 52 16 00-0028 | EA | 35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 418.53 | 54.11 |
| | | *For Low-E Insulated Glass, Add* | *37.34* | |
| | | *For Tempered Clear Insulated Glass, Add* | *62.23* | |
| 08 52 16 00-0029 | EA | 39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 434.28 | 55.83 |
| | | *For Low-E Insulated Glass, Add* | *38.82* | |
| | | *For Tempered Clear Insulated Glass, Add* | *64.70* | |

### 08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0031 | EA | 19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 367.07 | 48.10 |
| | | *For Low-E Insulated Glass, Add* | *32.50* | |
| | | *For Tempered Clear Insulated Glass, Add* | *54.17* | |
| 08 52 16 00-0032 | EA | 23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 382.81 | 49.82 |
| | | *For Low-E Insulated Glass, Add* | *33.98* | |
| | | *For Tempered Clear Insulated Glass, Add* | *56.64* | |
| 08 52 16 00-0033 | EA | 27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 398.56 | 51.53 |
| | | *For Low-E Insulated Glass, Add* | *35.46* | |
| | | *For Tempered Clear Insulated Glass, Add* | *59.10* | |
| 08 52 16 00-0034 | EA | 31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 414.31 | 53.25 |
| | | *For Low-E Insulated Glass, Add* | *36.94* | |
| | | *For Tempered Clear Insulated Glass, Add* | *61.56* | |
| 08 52 16 00-0035 | EA | 35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 430.05 | 54.97 |
| | | *For Low-E Insulated Glass, Add* | *38.41* | |
| | | *For Tempered Clear Insulated Glass, Add* | *64.02* | |
| 08 52 16 00-0036 | EA | 39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 446.92 | 56.69 |
| | | *For Low-E Insulated Glass, Add* | *40.03* | |
| | | *For Tempered Clear Insulated Glass, Add* | *66.71* | |

### 08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0038 | EA | 23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 407.00 | 52.39 |
| | | *For Low-E Insulated Glass, Add* | *36.27* | |
| | | *For Tempered Clear Insulated Glass, Add* | *60.44* | |
| 08 52 16 00-0039 | EA | 27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 422.74 | 54.11 |
| | | *For Low-E Insulated Glass, Add* | *37.74* | |
| | | *For Tempered Clear Insulated Glass, Add* | *62.90* | |
| 08 52 16 00-0040 | EA | 31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 438.50 | 55.83 |
| | | *For Low-E Insulated Glass, Add* | *39.22* | |
| | | *For Tempered Clear Insulated Glass, Add* | *65.37* | |
| 08 52 16 00-0041 | EA | 35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 454.24 | 57.55 |
| | | *For Low-E Insulated Glass, Add* | *40.70* | |
| | | *For Tempered Clear Insulated Glass, Add* | *67.83* | |

### 08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0043 | EA | 23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 430.05 | 54.97 |
| | | *For Low-E Insulated Glass, Add* | *38.41* | |
| | | *For Tempered Clear Insulated Glass, Add* | *64.02* | |
| 08 52 16 00-0044 | EA | 27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 446.92 | 56.69 |
| | | *For Low-E Insulated Glass, Add* | *40.03* | |
| | | *For Tempered Clear Insulated Glass, Add* | *66.71* | |
| 08 52 16 00-0045 | EA | 31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 462.67 | 58.40 |
| | | *For Low-E Insulated Glass, Add* | *41.50* | |
| | | *For Tempered Clear Insulated Glass, Add* | *69.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0046 | EA | 35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series) | 478.43 | 60.12 |
| | | *For Low-E Insulated Glass, Add* | *42.98* | |
| | | *For Tempered Clear Insulated Glass, Add* | *71.64* | |

## 08 52 16 00-0047 Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

## 08 52 16 00-0048 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0049 | EA | 21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 352.39 | 39.51 |
| | | *For Tempered Low-E Insulated Glass, Add* | *54.85* | |
| 08 52 16 00-0050 | EA | 25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 373.73 | 40.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *58.43* | |
| 08 52 16 00-0051 | EA | 29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 396.20 | 42.51 |
| | | *For Tempered Low-E Insulated Glass, Add* | *62.23* | |
| 08 52 16 00-0052 | EA | 31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 407.99 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *64.25* | |
| 08 52 16 00-0053 | EA | 33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 418.65 | 44.66 |
| | | *For Tempered Low-E Insulated Glass, Add* | *66.04* | |
| 08 52 16 00-0054 | EA | 35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 429.34 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *67.83* | |
| 08 52 16 00-0055 | EA | 37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 441.12 | 45.95 |
| | | *For Tempered Low-E Insulated Glass, Add* | *69.84* | |
| 08 52 16 00-0056 | EA | 41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 462.46 | 47.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *73.43* | |
| 08 52 16 00-0057 | EA | 45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 484.93 | 49.38 |
| | | *For Tempered Low-E Insulated Glass, Add* | *77.23* | |

## 08 52 16 00-0058 40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0059 | EA | 21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 373.73 | 41.23 |
| | | *For Tempered Low-E Insulated Glass, Add* | *58.43* | |
| 08 52 16 00-0060 | EA | 25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 396.20 | 42.51 |
| | | *For Tempered Low-E Insulated Glass, Add* | *62.23* | |
| 08 52 16 00-0061 | EA | 29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 418.65 | 44.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *66.04* | |
| 08 52 16 00-0062 | EA | 31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 429.34 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *67.83* | |
| 08 52 16 00-0063 | EA | 33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 441.12 | 46.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *69.84* | |
| 08 52 16 00-0064 | EA | 35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 451.80 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *71.64* | |
| 08 52 16 00-0065 | EA | 37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 462.46 | 47.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *73.43* | |
| 08 52 16 00-0066 | EA | 41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 484.93 | 49.38 |
| | | *For Tempered Low-E Insulated Glass, Add* | *77.23* | |
| 08 52 16 00-0067 | EA | 45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 507.39 | 51.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *81.04* | |

## 08 52 16 00-0068 44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0069 | EA | 21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 396.20 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *62.23* | |
| 08 52 16 00-0070 | EA | 25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 418.65 | 44.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *66.04* | |
| 08 52 16 00-0071 | EA | 29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 441.12 | 45.95 |
| | | *For Tempered Low-E Insulated Glass, Add* | *69.84* | |
| 08 52 16 00-0072 | EA | 31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 451.80 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *71.64* | |
| 08 52 16 00-0073 | EA | 33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 462.46 | 48.10 |
| | | *For Tempered Low-E Insulated Glass, Add* | *73.43* | |
| 08 52 16 00-0074 | EA | 35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 474.26 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *75.44* | |
| 08 52 16 00-0075 | EA | 37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 484.93 | 49.38 |
| | | *For Tempered Low-E Insulated Glass, Add* | *77.23* | |
| 08 52 16 00-0076 | EA | 41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 507.39 | 51.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *81.04* | |
| 08 52 16 00-0077 | EA | 45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 529.86 | 52.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *84.84* | |

## 08 52 16 00-0078 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0079 | EA | 21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 418.65 | 44.66 |
| | | *For Tempered Low-E Insulated Glass, Add* | *66.04* | |
| 08 52 16 00-0080 | EA | 25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 441.12 | 45.95 |
| | | *For Tempered Low-E Insulated Glass, Add* | *69.84* | |
| 08 52 16 00-0081 | EA | 29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 462.46 | 47.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *73.43* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0082 | EA | 31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 474.26 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *75.44* | |
| 08 52 16 00-0083 | EA | 33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 484.93 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *77.23* | |
| 08 52 16 00-0084 | EA | 35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 495.60 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *79.02* | |
| 08 52 16 00-0085 | EA | 37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 507.39 | 51.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *81.04* | |
| 08 52 16 00-0086 | EA | 41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 529.86 | 52.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *84.84* | |
| 08 52 16 00-0087 | EA | 45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 551.20 | 54.54 |
| | | *For Tempered Low-E Insulated Glass, Add* | *88.42* | |

### 08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0089 | EA | 21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 441.12 | 46.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *69.84* | |
| 08 52 16 00-0090 | EA | 25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 462.46 | 47.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *73.43* | |
| 08 52 16 00-0091 | EA | 29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 484.93 | 49.38 |
| | | *For Tempered Low-E Insulated Glass, Add* | *77.23* | |
| 08 52 16 00-0092 | EA | 31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 495.60 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *79.02* | |
| 08 52 16 00-0093 | EA | 33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 507.39 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *81.04* | |
| 08 52 16 00-0094 | EA | 35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 518.07 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *82.83* | |
| 08 52 16 00-0095 | EA | 37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 529.86 | 52.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *84.84* | |
| 08 52 16 00-0096 | EA | 41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 551.20 | 54.54 |
| | | *For Tempered Low-E Insulated Glass, Add* | *88.42* | |
| 08 52 16 00-0097 | EA | 45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 573.67 | 56.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *92.23* | |

### 08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0099 | EA | 21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 462.46 | 48.10 |
| | | *For Tempered Low-E Insulated Glass, Add* | *73.43* | |
| 08 52 16 00-0100 | EA | 25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 484.93 | 49.38 |
| | | *For Tempered Low-E Insulated Glass, Add* | *77.23* | |
| 08 52 16 00-0101 | EA | 29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 507.39 | 51.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *81.04* | |
| 08 52 16 00-0102 | EA | 31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 518.07 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *82.83* | |
| 08 52 16 00-0103 | EA | 33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 529.86 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *84.84* | |
| 08 52 16 00-0104 | EA | 35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 540.53 | 54.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *86.63* | |
| 08 52 16 00-0105 | EA | 37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 551.20 | 54.54 |
| | | *For Tempered Low-E Insulated Glass, Add* | *88.42* | |
| 08 52 16 00-0106 | EA | 41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 573.67 | 56.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *92.23* | |
| 08 52 16 00-0107 | EA | 45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 596.13 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *96.04* | |

### 08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0109 | EA | 21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 484.93 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *77.23* | |
| 08 52 16 00-0110 | EA | 25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 507.39 | 51.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *81.04* | |
| 08 52 16 00-0111 | EA | 29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 529.86 | 52.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *84.84* | |
| 08 52 16 00-0112 | EA | 31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 540.53 | 54.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *86.63* | |
| 08 52 16 00-0113 | EA | 33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 551.20 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *88.42* | |
| 08 52 16 00-0114 | EA | 35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 563.00 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *90.44* | |
| 08 52 16 00-0115 | EA | 37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 573.67 | 56.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *92.23* | |
| 08 52 16 00-0116 | EA | 41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 596.13 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *96.04* | |
| 08 52 16 00-0117 | EA | 45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 617.48 | 59.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *99.62* | |

### 08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0119 | EA | 21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 507.39 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *81.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0120 | EA | 25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 529.86 | 52.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *84.84* | |
| 08 52 16 00-0121 | EA | 29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 551.20 | 54.54 |
| | | *For Tempered Low-E Insulated Glass, Add* | *88.42* | |
| 08 52 16 00-0122 | EA | 31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 563.00 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *90.44* | |
| 08 52 16 00-0123 | EA | 33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 573.67 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *92.23* | |
| 08 52 16 00-0124 | EA | 35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 584.34 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *94.02* | |
| 08 52 16 00-0125 | EA | 37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 596.13 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *96.04* | |
| 08 52 16 00-0126 | EA | 41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 617.48 | 59.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *99.62* | |
| 08 52 16 00-0127 | EA | 45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 639.94 | 61.41 |
| | | *For Tempered Low-E Insulated Glass, Add* | *103.42* | |

### 08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0129 | EA | 21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 529.86 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *84.84* | |
| 08 52 16 00-0130 | EA | 25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 551.20 | 54.54 |
| | | *For Tempered Low-E Insulated Glass, Add* | *88.42* | |
| 08 52 16 00-0131 | EA | 29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 573.67 | 56.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *92.23* | |
| 08 52 16 00-0132 | EA | 31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 584.34 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *94.02* | |
| 08 52 16 00-0133 | EA | 33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 596.13 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *96.04* | |
| 08 52 16 00-0134 | EA | 35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 606.80 | 59.26 |
| | | *For Tempered Low-E Insulated Glass, Add* | *97.83* | |
| 08 52 16 00-0135 | EA | 37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 617.48 | 59.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *99.62* | |
| 08 52 16 00-0136 | EA | 41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 639.94 | 61.41 |
| | | *For Tempered Low-E Insulated Glass, Add* | *103.42* | |
| 08 52 16 00-0137 | EA | 45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 662.40 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *107.23* | |

### 08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0139 | EA | 21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 551.20 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *88.42* | |
| 08 52 16 00-0140 | EA | 25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 573.67 | 56.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *92.23* | |
| 08 52 16 00-0141 | EA | 29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 596.13 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *96.04* | |
| 08 52 16 00-0142 | EA | 31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 606.80 | 59.26 |
| | | *For Tempered Low-E Insulated Glass, Add* | *97.83* | |
| 08 52 16 00-0143 | EA | 33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 617.48 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *99.62* | |
| 08 52 16 00-0144 | EA | 35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 629.26 | 60.99 |
| | | *For Tempered Low-E Insulated Glass, Add* | *101.63* | |
| 08 52 16 00-0145 | EA | 37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 639.94 | 61.41 |
| | | *For Tempered Low-E Insulated Glass, Add* | *103.42* | |
| 08 52 16 00-0146 | EA | 41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 662.40 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *107.23* | |
| 08 52 16 00-0147 | EA | 45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 684.86 | 64.85 |
| | | *For Tempered Low-E Insulated Glass, Add* | *111.03* | |

### 08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0149 | EA | 21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 573.67 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *92.23* | |
| 08 52 16 00-0150 | EA | 25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 596.13 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *96.04* | |
| 08 52 16 00-0151 | EA | 29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 617.48 | 59.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *99.62* | |
| 08 52 16 00-0152 | EA | 31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 629.26 | 60.99 |
| | | *For Tempered Low-E Insulated Glass, Add* | *101.63* | |
| 08 52 16 00-0153 | EA | 33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 639.94 | 61.84 |
| | | *For Tempered Low-E Insulated Glass, Add* | *103.42* | |
| 08 52 16 00-0154 | EA | 35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 651.72 | 62.70 |
| | | *For Tempered Low-E Insulated Glass, Add* | *105.44* | |
| 08 52 16 00-0155 | EA | 37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 662.40 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *107.23* | |
| 08 52 16 00-0156 | EA | 41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 684.86 | 64.85 |
| | | *For Tempered Low-E Insulated Glass, Add* | *111.03* | |
| 08 52 16 00-0157 | EA | 45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 706.21 | 66.57 |
| | | *For Tempered Low-E Insulated Glass, Add* | *114.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0158 | | 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)* | | |
| 08 52 16 00-0159 | EA | 21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 883.87 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *152.90* | |
| 08 52 16 00-0160 | EA | 25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 915.28 | 61.41 |
| | | *For Tempered Low-E Insulated Glass, Add* | *158.49* | |
| 08 52 16 00-0161 | EA | 29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 946.71 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *164.09* | |
| 08 52 16 00-0162 | EA | 31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 961.86 | 64.42 |
| | | *For Tempered Low-E Insulated Glass, Add* | *166.78* | |
| 08 52 16 00-0163 | EA | 33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 978.12 | 65.27 |
| | | *For Tempered Low-E Insulated Glass, Add* | *169.69* | |
| 08 52 16 00-0164 | EA | 35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 993.27 | 66.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *172.37* | |
| 08 52 16 00-0165 | EA | 37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 1,008.42 | 66.57 |
| | | *For Tempered Low-E Insulated Glass, Add* | *175.06* | |
| 08 52 16 00-0166 | EA | 41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 1,039.84 | 68.28 |
| | | *For Tempered Low-E Insulated Glass, Add* | *180.66* | |
| 08 52 16 00-0167 | EA | 45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 1,071.26 | 70.00 |
| | | *For Tempered Low-E Insulated Glass, Add* | *186.25* | |
| 08 52 16 00-0168 | | 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)* | | |
| 08 52 16 00-0169 | EA | 21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 915.28 | 61.84 |
| | | *For Tempered Low-E Insulated Glass, Add* | *158.49* | |
| 08 52 16 00-0170 | EA | 25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 946.71 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *164.09* | |
| 08 52 16 00-0171 | EA | 29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 978.12 | 64.85 |
| | | *For Tempered Low-E Insulated Glass, Add* | *169.69* | |
| 08 52 16 00-0172 | EA | 31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 993.27 | 66.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *172.37* | |
| 08 52 16 00-0173 | EA | 33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 1,008.42 | 66.99 |
| | | *For Tempered Low-E Insulated Glass, Add* | *175.06* | |
| 08 52 16 00-0174 | EA | 35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 1,024.69 | 67.86 |
| | | *For Tempered Low-E Insulated Glass, Add* | *177.97* | |
| 08 52 16 00-0175 | EA | 37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 1,039.84 | 68.28 |
| | | *For Tempered Low-E Insulated Glass, Add* | *180.66* | |
| 08 52 16 00-0176 | EA | 41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 1,071.26 | 70.00 |
| | | *For Tempered Low-E Insulated Glass, Add* | *186.25* | |
| 08 52 16 00-0177 | EA | 45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series) | 1,102.67 | 71.72 |
| | | *For Tempered Low-E Insulated Glass, Add* | *191.85* | |
| 08 52 16 00-0178 | | Casement Wood Clad Windows *(08 52 16)* | | |
| | | Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation. | | |
| 08 52 16 00-0179 | | Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0178)* | | |
| | | Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens. | | |
| 08 52 16 00-0180 | | One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)* | | |
| 08 52 16 00-0181 | | 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)* | | |
| 08 52 16 00-0182 | EA | 17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 418.11 | 32.64 |
| | | *For Tempered Clear Insulated Glass, Add* | *70.74* | |
| 08 52 16 00-0183 | EA | 20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 442.62 | 33.50 |
| | | *For Tempered Clear Insulated Glass, Add* | *75.13* | |
| 08 52 16 00-0184 | EA | 24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 469.83 | 35.22 |
| | | *For Tempered Clear Insulated Glass, Add* | *79.88* | |
| 08 52 16 00-0185 | EA | 28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 494.81 | 36.93 |
| | | *For Tempered Clear Insulated Glass, Add* | *84.19* | |
| 08 52 16 00-0186 | | 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)* | | |
| 08 52 16 00-0187 | EA | 17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 448.98 | 34.36 |
| | | *For Tempered Clear Insulated Glass, Add* | *76.22* | |
| 08 52 16 00-0188 | EA | 20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 473.49 | 35.22 |
| | | *For Tempered Clear Insulated Glass, Add* | *80.61* | |
| 08 52 16 00-0189 | EA | 24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 500.69 | 36.93 |
| | | *For Tempered Clear Insulated Glass, Add* | *85.37* | |
| 08 52 16 00-0190 | EA | 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 513.53 | 38.65 |
| | | *For Tempered Clear Insulated Glass, Add* | *87.25* | |
| 08 52 16 00-0191 | EA | 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 545.58 | 40.37 |
| | | *For Tempered Clear Insulated Glass, Add* | *93.14* | |
| 08 52 16 00-0192 | | 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0193 | EA | 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 504.35 | 36.93 |
| | | *For Tempered Clear Insulated Glass, Add* | *86.10* | |
| 08 52 16 00-0194 | EA | 20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 530.70 | 38.65 |
| | | *For Tempered Clear Insulated Glass, Add* | *90.85* | |
| 08 52 16 00-0195 | EA | 24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 557.91 | 39.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *95.61* | |
| 08 52 16 00-0196 | EA | 28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 601.58 | 41.65 |
| | | *For Tempered Clear Insulated Glass, Add* | *103.65* | |
| 08 52 16 00-0197 | EA | 31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 643.41 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *111.50* | |
| 08 52 16 00-0198 | EA | 35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 684.49 | 43.80 |
| | | *For Tempered Clear Insulated Glass, Add* | *119.38* | |

### 08 52 16 00-0199 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0200 | EA | 17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 541.56 | 39.51 |
| | | *For Tempered Clear Insulated Glass, Add* | *92.68* | |
| 08 52 16 00-0201 | EA | 20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 566.08 | 40.37 |
| | | *For Tempered Clear Insulated Glass, Add* | *97.07* | |
| 08 52 16 00-0202 | EA | 24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 593.29 | 42.09 |
| | | *For Tempered Clear Insulated Glass, Add* | *101.82* | |
| 08 52 16 00-0203 | EA | 28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 657.06 | 43.80 |
| | | *For Tempered Clear Insulated Glass, Add* | *113.89* | |
| 08 52 16 00-0204 | EA | 31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 700.95 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *122.15* | |
| 08 52 16 00-0205 | EA | 35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 741.71 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *129.62* | |

### 08 52 16 00-0206 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0207 | EA | 17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 594.15 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *101.82* | |
| 08 52 16 00-0208 | EA | 20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 620.49 | 43.80 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.58* | |
| 08 52 16 00-0209 | EA | 24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 647.71 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *111.33* | |
| 08 52 16 00-0210 | EA | 28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 736.16 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *128.34* | |
| 08 52 16 00-0211 | EA | 31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 770.31 | 48.96 |
| | | *For Tempered Clear Insulated Glass, Add* | *134.65* | |
| 08 52 16 00-0212 | EA | 35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 821.72 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *144.25* | |

### 08 52 16 00-0213 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0214 | EA | 17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 630.49 | 44.66 |
| | | *For Tempered Clear Insulated Glass, Add* | *108.41* | |
| 08 52 16 00-0215 | EA | 20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 655.03 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *112.80* | |
| 08 52 16 00-0216 | EA | 24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 682.23 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.55* | |
| 08 52 16 00-0217 | EA | 28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 791.73 | 48.96 |
| | | *For Tempered Clear Insulated Glass, Add* | *138.76* | |
| 08 52 16 00-0218 | EA | 31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 843.18 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *148.54* | |
| 08 52 16 00-0219 | EA | 35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 876.36 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *154.49* | |

### 08 52 16 00-0220 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0221 | EA | 17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 682.23 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.55* | |
| 08 52 16 00-0222 | EA | 20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 708.58 | 48.96 |
| | | *For Tempered Clear Insulated Glass, Add* | *122.30* | |
| 08 52 16 00-0223 | EA | 24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 735.78 | 50.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *127.06* | |
| 08 52 16 00-0224 | EA | 28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 870.88 | 51.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *153.39* | |
| 08 52 16 00-0225 | EA | 31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 907.06 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *160.11* | |
| 08 52 16 00-0226 | EA | 35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 955.51 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *169.12* | |

### 08 52 16 00-0227 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0228 | EA | 17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 719.43 | 49.82 |
| | | *For Tempered Clear Insulated Glass, Add* | *124.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0229 | EA | 20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 743.96 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *128.52* | |
| 08 52 16 00-0230 | EA | 24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 771.17 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *133.28* | |
| 08 52 16 00-0231 | EA | 28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 926.37 | 54.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *163.63* | |
| 08 52 16 00-0232 | EA | 31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 959.97 | 55.83 |
| | | *For Tempered Clear Insulated Glass, Add* | *169.83* | |
| 08 52 16 00-0233 | EA | 35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 1,011.01 | 57.55 |
| | | *For Tempered Clear Insulated Glass, Add* | *179.36* | |

### 08 52 16 00-0234 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0235 | EA | 17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 771.17 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *133.28* | |
| 08 52 16 00-0236 | EA | 20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 797.51 | 54.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *138.03* | |
| 08 52 16 00-0237 | EA | 24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 824.72 | 55.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *142.78* | |
| 08 52 16 00-0238 | EA | 28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 1,005.52 | 57.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *178.26* | |
| 08 52 16 00-0239 | EA | 31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 1,046.99 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *186.04* | |
| 08 52 16 00-0240 | EA | 35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) | 1,090.17 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *193.98* | |

### 08 52 16 00-0241 Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

### 08 52 16 00-0242 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0243 | EA | 40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 761.41 | 42.09 |
| | | *For Tempered Clear Insulated Glass, Add* | *135.45* | |
| 08 52 16 00-0244 | EA | 48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 867.31 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *155.25* | |
| 08 52 16 00-0245 | EA | 56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 990.42 | 48.96 |
| | | *For Tempered Clear Insulated Glass, Add* | *178.50* | |

### 08 52 16 00-0246 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0247 | EA | 40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 822.87 | 43.80 |
| | | *For Tempered Clear Insulated Glass, Add* | *147.05* | |
| 08 52 16 00-0248 | EA | 48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 928.77 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *166.86* | |
| 08 52 16 00-0249 | EA | 56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,051.88 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *190.11* | |

### 08 52 16 00-0250 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0251 | EA | 33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 815.09 | 43.80 |
| | | *For Tempered Clear Insulated Glass, Add* | *145.50* | |
| 08 52 16 00-0252 | EA | 40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 923.51 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *165.98* | |
| 08 52 16 00-0253 | EA | 48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,036.44 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *187.19* | |
| 08 52 16 00-0254 | EA | 56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,167.66 | 53.68 |
| | | *For Tempered Clear Insulated Glass, Add* | *212.06* | |
| 08 52 16 00-0255 | EA | 62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,255.33 | 56.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *228.56* | |
| 08 52 16 00-0256 | EA | 71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,401.80 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *256.31* | |

### 08 52 16 00-0257 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0258 | EA | 33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 890.71 | 45.95 |
| | | *For Tempered Clear Insulated Glass, Add* | *159.76* | |
| 08 52 16 00-0259 | EA | 40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 999.13 | 48.96 |
| | | *For Tempered Clear Insulated Glass, Add* | *180.24* | |
| 08 52 16 00-0260 | EA | 48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,112.06 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *201.45* | |
| 08 52 16 00-0261 | EA | 56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,243.27 | 55.83 |
| | | *For Tempered Clear Insulated Glass, Add* | *226.32* | |
| 08 52 16 00-0262 | EA | 62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,340.64 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *244.77* | |
| 08 52 16 00-0263 | EA | 71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,757.17 | 62.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *326.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0264 | | 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)* | | |
| 08 52 16 00-0265 | EA | 33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,001.81 | 49.38 |
| | | *For Tempered Clear Insulated Glass, Add* | *180.61* | |
| 08 52 16 00-0266 | EA | 40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,112.06 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *201.45* | |
| 08 52 16 00-0267 | EA | 48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,224.98 | 55.83 |
| | | *For Tempered Clear Insulated Glass, Add* | *222.66* | |
| 08 52 16 00-0268 | EA | 56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,356.20 | 59.26 |
| | | *For Tempered Clear Insulated Glass, Add* | *247.53* | |
| 08 52 16 00-0269 | EA | 62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,449.35 | 61.84 |
| | | *For Tempered Clear Insulated Glass, Add* | *265.13* | |
| 08 52 16 00-0270 | EA | 71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,590.34 | 65.71 |
| | | *For Tempered Clear Insulated Glass, Add* | *291.79* | |
| 08 52 16 00-0271 | | 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)* | | |
| 08 52 16 00-0272 | EA | 33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,076.55 | 51.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *194.87* | |
| 08 52 16 00-0273 | EA | 40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,184.97 | 54.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *215.35* | |
| 08 52 16 00-0274 | EA | 48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,284.33 | 57.55 |
| | | *For Tempered Clear Insulated Glass, Add* | *233.85* | |
| 08 52 16 00-0275 | EA | 56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,429.11 | 60.99 |
| | | *For Tempered Clear Insulated Glass, Add* | *261.43* | |
| 08 52 16 00-0276 | EA | 62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,526.86 | 63.56 |
| | | *For Tempered Clear Insulated Glass, Add* | *279.95* | |
| 08 52 16 00-0277 | EA | 71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,665.09 | 67.42 |
| | | *For Tempered Clear Insulated Glass, Add* | *306.05* | |
| 08 52 16 00-0278 | | 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)* | | |
| 08 52 16 00-0279 | EA | 33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,186.80 | 54.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *215.72* | |
| 08 52 16 00-0280 | EA | 40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,295.21 | 57.55 |
| | | *For Tempered Clear Insulated Glass, Add* | *236.20* | |
| 08 52 16 00-0281 | EA | 48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,408.14 | 60.99 |
| | | *For Tempered Clear Insulated Glass, Add* | *257.41* | |
| 08 52 16 00-0282 | EA | 56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,539.36 | 63.98 |
| | | *For Tempered Clear Insulated Glass, Add* | *282.28* | |
| 08 52 16 00-0283 | EA | 62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,637.10 | 66.57 |
| | | *For Tempered Clear Insulated Glass, Add* | *300.79* | |
| 08 52 16 00-0284 | EA | 71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,773.50 | 70.43 |
| | | *For Tempered Clear Insulated Glass, Add* | *326.53* | |
| 08 52 16 00-0285 | | 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)* | | |
| 08 52 16 00-0286 | EA | 33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,262.42 | 56.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *229.98* | |
| 08 52 16 00-0287 | EA | 40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,370.83 | 59.26 |
| | | *For Tempered Clear Insulated Glass, Add* | *250.46* | |
| 08 52 16 00-0288 | EA | 48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,485.58 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *272.04* | |
| 08 52 16 00-0289 | EA | 56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,616.80 | 66.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *296.91* | |
| 08 52 16 00-0290 | | 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)* | | |
| 08 52 16 00-0291 | EA | 33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,372.65 | 59.26 |
| | | *For Tempered Clear Insulated Glass, Add* | *250.82* | |
| 08 52 16 00-0292 | EA | 40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,481.06 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *271.31* | |
| 08 52 16 00-0293 | EA | 48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,593.99 | 66.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *292.52* | |
| 08 52 16 00-0294 | EA | 56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,725.21 | 69.14 |
| | | *For Tempered Clear Insulated Glass, Add* | *317.39* | |
| 08 52 16 00-0295 | | One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)* | | |
| 08 52 16 00-0296 | | 24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)* | | |
| 08 52 16 00-0297 | EA | 71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,216.96 | 55.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *221.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0298 | EA | 84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,418.49 | 60.99 |
| | | *For Tempered Clear Insulated Glass, Add* | *259.31* | |
| 08 52 16 00-0299 | | 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)* | | |
| 08 52 16 00-0300 | EA | 71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,292.83 | 57.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *235.72* | |
| 08 52 16 00-0301 | EA | 84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,480.79 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *271.08* | |
| 08 52 16 00-0302 | | 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)* | | |
| 08 52 16 00-0303 | EA | 61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,243.64 | 55.83 |
| | | *For Tempered Clear Insulated Glass, Add* | *226.40* | |
| 08 52 16 00-0304 | EA | 71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,405.46 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *257.04* | |
| 08 52 16 00-0305 | EA | 84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,604.97 | 66.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *294.71* | |
| 08 52 16 00-0306 | | 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)* | | |
| 08 52 16 00-0307 | EA | 61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,315.52 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *239.91* | |
| 08 52 16 00-0308 | EA | 71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,482.88 | 62.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *271.67* | |
| 08 52 16 00-0309 | EA | 84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,680.57 | 67.86 |
| | | *For Tempered Clear Insulated Glass, Add* | *308.97* | |
| 08 52 16 00-0310 | | 48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)* | | |
| 08 52 16 00-0311 | EA | 71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,593.99 | 65.71 |
| | | *For Tempered Clear Insulated Glass, Add* | *292.52* | |
| 08 52 16 00-0312 | EA | 84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,791.68 | 71.29 |
| | | *For Tempered Clear Insulated Glass, Add* | *329.82* | |
| 08 52 16 00-0313 | | 52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)* | | |
| 08 52 16 00-0314 | EA | 71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,668.75 | 67.42 |
| | | *For Tempered Clear Insulated Glass, Add* | *306.78* | |
| 08 52 16 00-0315 | EA | 84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,866.42 | 73.00 |
| | | *For Tempered Clear Insulated Glass, Add* | *344.08* | |
| 08 52 16 00-0316 | | 59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)* | | |
| 08 52 16 00-0317 | EA | 71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,777.16 | 70.43 |
| | | *For Tempered Clear Insulated Glass, Add* | *327.26* | |
| 08 52 16 00-0318 | EA | 84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) | 1,976.66 | 76.44 |
| | | *For Tempered Clear Insulated Glass, Add* | *364.93* | |
| 08 52 16 00-0319 | | Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0178)* | | |
| | | Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens. | | |
| 08 52 16 00-0320 | | One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)* | | |
| 08 52 16 00-0321 | | 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)* | | |
| 08 52 16 00-0322 | EA | 17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 503.14 | 32.64 |
| | | *For Tempered Low-E Insulated Glass, Add* | *87.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0323 | EA | 20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 533.14 | 33.50 |
| | | *For Tempered Low-E Insulated Glass, Add* | *93.23* | |
| 08 52 16 00-0324 | EA | 24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 566.29 | 35.22 |
| | | *For Tempered Low-E Insulated Glass, Add* | *99.17* | |
| 08 52 16 00-0325 | EA | 28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 596.66 | 36.93 |
| | | *For Tempered Low-E Insulated Glass, Add* | *104.56* | |

### 08 52 16 00-0326 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0327 | EA | 17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 540.86 | 34.36 |
| | | *For Tempered Low-E Insulated Glass, Add* | *94.60* | |
| 08 52 16 00-0328 | EA | 20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 570.86 | 35.22 |
| | | *For Tempered Low-E Insulated Glass, Add* | *100.09* | |
| 08 52 16 00-0329 | EA | 24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 604.01 | 36.93 |
| | | *For Tempered Low-E Insulated Glass, Add* | *106.03* | |
| 08 52 16 00-0330 | EA | 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 619.19 | 38.65 |
| | | *For Tempered Low-E Insulated Glass, Add* | *108.38* | |
| 08 52 16 00-0331 | EA | 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 658.61 | 40.37 |
| | | *For Tempered Low-E Insulated Glass, Add* | *115.75* | |

### 08 52 16 00-0332 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0333 | EA | 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 608.58 | 36.93 |
| | | *For Tempered Low-E Insulated Glass, Add* | *106.94* | |
| 08 52 16 00-0334 | EA | 20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 640.87 | 38.65 |
| | | *For Tempered Low-E Insulated Glass, Add* | *112.89* | |
| 08 52 16 00-0335 | EA | 24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 674.03 | 39.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *118.83* | |
| 08 52 16 00-0336 | EA | 28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 727.75 | 41.65 |
| | | *For Tempered Low-E Insulated Glass, Add* | *128.89* | |
| 08 52 16 00-0337 | EA | 31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 779.39 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *138.70* | |
| 08 52 16 00-0338 | EA | 35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 830.32 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *148.54* | |

### 08 52 16 00-0339 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0340 | EA | 17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 654.02 | 39.51 |
| | | *For Tempered Low-E Insulated Glass, Add* | *115.17* | |
| 08 52 16 00-0341 | EA | 20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 684.02 | 40.37 |
| | | *For Tempered Low-E Insulated Glass, Add* | *120.66* | |
| 08 52 16 00-0342 | EA | 24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 717.18 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *126.60* | |
| 08 52 16 00-0343 | EA | 28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 796.03 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *141.69* | |
| 08 52 16 00-0344 | EA | 31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 850.24 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *152.01* | |
| 08 52 16 00-0345 | EA | 35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 900.34 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *161.34* | |

### 08 52 16 00-0346 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0347 | EA | 17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 718.04 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *126.60* | |
| 08 52 16 00-0348 | EA | 20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 750.32 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *132.54* | |
| 08 52 16 00-0349 | EA | 24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 783.48 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *138.49* | |
| 08 52 16 00-0350 | EA | 28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 893.19 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *159.74* | |
| 08 52 16 00-0351 | EA | 31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 935.23 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *167.63* | |
| 08 52 16 00-0352 | EA | 35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 998.64 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *179.63* | |

### 08 52 16 00-0353 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0354 | EA | 17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 762.61 | 44.66 |
| | | *For Tempered Low-E Insulated Glass, Add* | *134.83* | |
| 08 52 16 00-0355 | EA | 20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 792.63 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *140.32* | |
| 08 52 16 00-0356 | EA | 24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 825.77 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *146.26* | |
| 08 52 16 00-0357 | EA | 28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 961.78 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *172.77* | |
| 08 52 16 00-0358 | EA | 31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,025.46 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *184.99* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0359 | EA | 35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,066.08 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *192.43* | |

### 08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0361 | EA | 17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 825.77 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *146.26* | |
| 08 52 16 00-0362 | EA | 20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 858.07 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *152.20* | |
| 08 52 16 00-0363 | EA | 24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 891.21 | 50.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *158.14* | |
| 08 52 16 00-0364 | EA | 28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,059.22 | 51.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *191.06* | |
| 08 52 16 00-0365 | EA | 31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,103.80 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *199.46* | |
| 08 52 16 00-0366 | EA | 35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,163.51 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *210.72* | |

### 08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0368 | EA | 17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 871.20 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *154.49* | |
| 08 52 16 00-0369 | EA | 20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 901.21 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *159.97* | |
| 08 52 16 00-0370 | EA | 24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 934.37 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *165.92* | |
| 08 52 16 00-0371 | EA | 28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,127.51 | 54.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *203.86* | |
| 08 52 16 00-0372 | EA | 31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,168.86 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *211.61* | |
| 08 52 16 00-0373 | EA | 35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,231.81 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *223.52* | |

### 08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0375 | EA | 17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 934.37 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *165.92* | |
| 08 52 16 00-0376 | EA | 20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 966.65 | 54.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *171.86* | |
| 08 52 16 00-0377 | EA | 24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 999.81 | 55.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *177.80* | |
| 08 52 16 00-0378 | EA | 28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,224.95 | 57.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *222.14* | |
| 08 52 16 00-0379 | EA | 31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,276.14 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *231.87* | |
| 08 52 16 00-0380 | EA | 35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) | 1,329.26 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *241.80* | |

### 08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*

### 08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0383 | EA | 40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 923.94 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *167.95* | |
| 08 52 16 00-0384 | EA | 48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,054.59 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *192.71* | |
| 08 52 16 00-0385 | EA | 56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,206.77 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *221.77* | |

### 08 52 16 00-0386 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0387 | EA | 40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 999.90 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *182.46* | |
| 08 52 16 00-0388 | EA | 48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,130.56 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *207.22* | |
| 08 52 16 00-0389 | EA | 56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,282.73 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *236.28* | |

### 08 52 16 00-0390 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0391 | EA | 33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 990.18 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *180.52* | |
| 08 52 16 00-0392 | EA | 40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,124.20 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *206.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0393 | EA | 48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,263.64 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *232.63* | |
| 08 52 16 00-0394 | EA | 56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,425.94 | 53.68 |
| | | *For Tempered Low-E Insulated Glass, Add* | *263.72* | |
| 08 52 16 00-0395 | EA | 62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,534.25 | 56.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *284.35* | |
| 08 52 16 00-0396 | EA | 71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,715.41 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *319.03* | |

### 08 52 16 00-0397 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0398 | EA | 33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,083.62 | 45.95 |
| | | *For Tempered Low-E Insulated Glass, Add* | *198.34* | |
| 08 52 16 00-0399 | EA | 40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,217.64 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *223.94* | |
| 08 52 16 00-0400 | EA | 48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,357.09 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *250.46* | |
| 08 52 16 00-0401 | EA | 56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,519.39 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *281.55* | |
| 08 52 16 00-0402 | EA | 62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,639.81 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *304.60* | |
| 08 52 16 00-0403 | EA | 71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,158.55 | 62.27 |
| | | *For Tempered Low-E Insulated Glass, Add* | *406.80* | |

### 08 52 16 00-0404 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0405 | EA | 33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,220.78 | 49.38 |
| | | *For Tempered Low-E Insulated Glass, Add* | *224.40* | |
| 08 52 16 00-0406 | EA | 40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,357.09 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *250.46* | |
| 08 52 16 00-0407 | EA | 48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,496.53 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *276.97* | |
| 08 52 16 00-0408 | EA | 56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,658.83 | 59.26 |
| | | *For Tempered Low-E Insulated Glass, Add* | *308.06* | |
| 08 52 16 00-0409 | EA | 62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,773.98 | 61.84 |
| | | *For Tempered Low-E Insulated Glass, Add* | *330.06* | |
| 08 52 16 00-0410 | EA | 71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,948.28 | 65.71 |
| | | *For Tempered Low-E Insulated Glass, Add* | *363.37* | |

### 08 52 16 00-0411 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0412 | EA | 33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,313.35 | 51.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *242.23* | |
| 08 52 16 00-0413 | EA | 40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,447.37 | 54.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *267.83* | |
| 08 52 16 00-0414 | EA | 48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,573.24 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *291.63* | |
| 08 52 16 00-0415 | EA | 56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,749.12 | 60.99 |
| | | *For Tempered Low-E Insulated Glass, Add* | *325.43* | |
| 08 52 16 00-0416 | EA | 62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,870.01 | 63.56 |
| | | *For Tempered Low-E Insulated Glass, Add* | *348.58* | |
| 08 52 16 00-0417 | EA | 71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,040.87 | 67.42 |
| | | *For Tempered Low-E Insulated Glass, Add* | *381.20* | |

### 08 52 16 00-0418 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0419 | EA | 33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,449.66 | 54.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *268.29* | |
| 08 52 16 00-0420 | EA | 40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,583.67 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *293.89* | |
| 08 52 16 00-0421 | EA | 48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,723.11 | 60.99 |
| | | *For Tempered Low-E Insulated Glass, Add* | *320.40* | |
| 08 52 16 00-0422 | EA | 56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,885.42 | 63.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *351.49* | |
| 08 52 16 00-0423 | EA | 62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,006.31 | 66.57 |
| | | *For Tempered Low-E Insulated Glass, Add* | *374.64* | |
| 08 52 16 00-0424 | EA | 71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,174.88 | 70.43 |
| | | *For Tempered Low-E Insulated Glass, Add* | *406.80* | |

### 08 52 16 00-0425 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0426 | EA | 33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,543.10 | 56.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *286.12* | |
| 08 52 16 00-0427 | EA | 40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,677.11 | 59.26 |
| | | *For Tempered Low-E Insulated Glass, Add* | *311.72* | |
| 08 52 16 00-0428 | EA | 48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,818.84 | 62.70 |
| | | *For Tempered Low-E Insulated Glass, Add* | *338.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0429 | EA | 56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,981.14 | 66.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *369.77* | |
| 08 52 16 00-0430 | | 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)* | | |
| 08 52 16 00-0431 | EA | 33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,679.40 | 59.26 |
| | | *For Tempered Low-E Insulated Glass, Add* | *312.17* | |
| 08 52 16 00-0432 | EA | 40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,813.40 | 62.70 |
| | | *For Tempered Low-E Insulated Glass, Add* | *337.77* | |
| 08 52 16 00-0433 | EA | 48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,952.85 | 66.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *364.29* | |
| 08 52 16 00-0434 | EA | 56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,115.15 | 69.14 |
| | | *For Tempered Low-E Insulated Glass, Add* | *395.37* | |
| 08 52 16 00-0435 | | One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)* | | |
| 08 52 16 00-0436 | | 24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)* | | |
| 08 52 16 00-0437 | EA | 71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,490.11 | 55.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *275.86* | |
| 08 52 16 00-0438 | EA | 84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,735.84 | 60.99 |
| | | *For Tempered Low-E Insulated Glass, Add* | *322.78* | |
| 08 52 16 00-0439 | | 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)* | | |
| 08 52 16 00-0440 | EA | 71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,580.69 | 57.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *293.29* | |
| 08 52 16 00-0441 | EA | 84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,812.85 | 62.70 |
| | | *For Tempered Low-E Insulated Glass, Add* | *337.49* | |
| 08 52 16 00-0442 | | 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)* | | |
| 08 52 16 00-0443 | EA | 61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,519.85 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *281.64* | |
| 08 52 16 00-0444 | EA | 71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,719.98 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *319.95* | |
| 08 52 16 00-0445 | EA | 84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,966.57 | 66.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *367.03* | |
| 08 52 16 00-0446 | | 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)* | | |
| 08 52 16 00-0447 | EA | 61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,608.62 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *298.53* | |
| 08 52 16 00-0448 | EA | 71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,815.69 | 62.27 |
| | | *For Tempered Low-E Insulated Glass, Add* | *338.23* | |
| 08 52 16 00-0449 | EA | 84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,060.00 | 67.86 |
| | | *For Tempered Low-E Insulated Glass, Add* | *384.86* | |
| 08 52 16 00-0450 | | 48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)* | | |
| 08 52 16 00-0451 | EA | 71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 1,952.85 | 65.71 |
| | | *For Tempered Low-E Insulated Glass, Add* | *364.29* | |
| 08 52 16 00-0452 | EA | 84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,197.17 | 71.29 |
| | | *For Tempered Low-E Insulated Glass, Add* | *410.92* | |
| 08 52 16 00-0453 | | 52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)* | | |
| 08 52 16 00-0454 | EA | 71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,045.44 | 67.42 |
| | | *For Tempered Low-E Insulated Glass, Add* | *382.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0455 | EA | 84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,289.74 | 73.00 |
| | | *For Tempered Low-E Insulated Glass, Add* | *428.75* | |

### 08 52 16 00-0456 59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0457 | EA | 71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,179.45 | 70.43 |
| | | *For Tempered Low-E Insulated Glass, Add* | *407.72* | |
| 08 52 16 00-0458 | EA | 84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) | 2,426.04 | 76.44 |
| | | *For Tempered Low-E Insulated Glass, Add* | *454.80* | |

### 08 52 16 00-0459 Awning Wood Clad Windows *(08 52 16)*

Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.

### 08 52 16 00-0460 Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0459)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

### 08 52 16 00-0461 Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*

### 08 52 16 00-0462 17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0463 | EA | 24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 452.40 | 35.22 |
| | | *For Tempered Clear Insulated Glass, Add* | *76.39* | |
| 08 52 16 00-0464 | EA | 28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 485.08 | 36.93 |
| | | *For Tempered Clear Insulated Glass, Add* | *82.24* | |
| 08 52 16 00-0465 | EA | 31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 511.97 | 38.22 |
| | | *For Tempered Clear Insulated Glass, Add* | *87.11* | |
| 08 52 16 00-0466 | EA | 35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 545.96 | 39.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *93.22* | |
| 08 52 16 00-0467 | EA | 40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 584.99 | 42.09 |
| | | *For Tempered Clear Insulated Glass, Add* | *100.16* | |
| 08 52 16 00-0468 | EA | 48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 644.90 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *110.77* | |
| 08 52 16 00-0469 | EA | 52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 683.08 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.72* | |
| 08 52 16 00-0470 | EA | 59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 738.46 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *127.59* | |
| 08 52 16 00-0471 | EA | 64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 758.40 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *130.72* | |
| 08 52 16 00-0472 | EA | 71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) | 813.16 | 55.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *140.47* | |

### 08 52 16 00-0473 20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0474 | EA | 24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 477.81 | 36.93 |
| | | *For Tempered Clear Insulated Glass, Add* | *80.96* | |
| 08 52 16 00-0475 | EA | 28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 513.26 | 38.65 |
| | | *For Tempered Clear Insulated Glass, Add* | *87.36* | |
| 08 52 16 00-0476 | EA | 31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 536.26 | 39.51 |
| | | *For Tempered Clear Insulated Glass, Add* | *91.45* | |
| 08 52 16 00-0477 | EA | 35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 574.14 | 41.23 |
| | | *For Tempered Clear Insulated Glass, Add* | *98.34* | |
| 08 52 16 00-0478 | EA | 40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 613.17 | 43.80 |
| | | *For Tempered Clear Insulated Glass, Add* | *105.28* | |
| 08 52 16 00-0479 | EA | 48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 671.24 | 46.81 |
| | | *For Tempered Clear Insulated Glass, Add* | *115.52* | |
| 08 52 16 00-0480 | EA | 52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 709.43 | 48.96 |
| | | *For Tempered Clear Insulated Glass, Add* | *122.47* | |
| 08 52 16 00-0481 | EA | 59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 766.63 | 51.53 |
| | | *For Tempered Clear Insulated Glass, Add* | *132.71* | |
| 08 52 16 00-0482 | EA | 64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 784.45 | 54.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *135.42* | |
| 08 52 16 00-0483 | EA | 71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 841.01 | 56.69 |
| | | *For Tempered Clear Insulated Glass, Add* | *145.53* | |
| 08 52 16 00-0484 | EA | 84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,316.56 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *238.41* | |

### 08 52 16 00-0485 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0486 | EA | 24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 509.61 | 38.65 |
| | | *For Tempered Clear Insulated Glass, Add* | *86.63* | |
| 08 52 16 00-0487 | EA | 28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 542.30 | 40.37 |
| | | *For Tempered Clear Insulated Glass, Add* | *92.48* | |
| 08 52 16 00-0488 | EA | 31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 564.51 | 41.23 |
| | | *For Tempered Clear Insulated Glass, Add* | *96.41* | |
| 08 52 16 00-0489 | EA | 35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 603.17 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *103.46* | |
| 08 52 16 00-0490 | EA | 40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 642.21 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *110.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0491 | EA | 48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 702.11 | 48.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *121.01* | |
| 08 52 16 00-0492 | EA | 52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 740.29 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *127.96* | |
| 08 52 16 00-0493 | EA | 59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 797.50 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *138.20* | |
| 08 52 16 00-0494 | EA | 64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 813.16 | 55.83 |
| | | *For Tempered Clear Insulated Glass, Add* | *140.47* | |
| 08 52 16 00-0495 | EA | 71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 867.85 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *150.21* | |
| 08 52 16 00-0496 | EA | 84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,386.69 | 64.42 |
| | | *For Tempered Clear Insulated Glass, Add* | *251.74* | |

### 08 52 16 00-0497 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0498 | EA | 24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 507.56 | 40.37 |
| | | *For Tempered Clear Insulated Glass, Add* | *85.54* | |
| 08 52 16 00-0499 | EA | 28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 558.54 | 42.09 |
| | | *For Tempered Clear Insulated Glass, Add* | *95.04* | |
| 08 52 16 00-0500 | EA | 31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 591.20 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *101.06* | |
| 08 52 16 00-0501 | EA | 35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 652.33 | 44.66 |
| | | *For Tempered Clear Insulated Glass, Add* | *112.60* | |
| 08 52 16 00-0502 | EA | 40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 713.30 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *123.94* | |
| 08 52 16 00-0503 | EA | 48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 802.46 | 50.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *140.39* | |
| 08 52 16 00-0504 | EA | 52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 860.76 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *151.37* | |
| 08 52 16 00-0505 | EA | 59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 949.04 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *167.82* | |
| 08 52 16 00-0506 | EA | 64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 980.89 | 57.55 |
| | | *For Tempered Clear Insulated Glass, Add* | *173.33* | |
| 08 52 16 00-0507 | EA | 71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,066.35 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *189.22* | |
| 08 52 16 00-0508 | EA | 84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,424.38 | 66.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *258.59* | |

### 08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0510 | EA | 28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 591.20 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *101.06* | |
| 08 52 16 00-0511 | EA | 31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 626.34 | 44.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *107.58* | |
| 08 52 16 00-0512 | EA | 35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 674.76 | 45.95 |
| | | *For Tempered Clear Insulated Glass, Add* | *116.57* | |
| 08 52 16 00-0513 | EA | 40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 728.68 | 48.10 |
| | | *For Tempered Clear Insulated Glass, Add* | *126.50* | |
| 08 52 16 00-0514 | EA | 48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 806.88 | 51.53 |
| | | *For Tempered Clear Insulated Glass, Add* | *140.76* | |
| 08 52 16 00-0515 | EA | 52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 861.50 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *151.00* | |
| 08 52 16 00-0516 | EA | 59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 938.86 | 56.69 |
| | | *For Tempered Clear Insulated Glass, Add* | *165.27* | |
| 08 52 16 00-0517 | EA | 64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 992.77 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *175.19* | |
| 08 52 16 00-0518 | EA | 71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,071.67 | 61.41 |
| | | *For Tempered Clear Insulated Glass, Add* | *189.77* | |
| 08 52 16 00-0519 | EA | 84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,521.26 | 66.99 |
| | | *For Tempered Clear Insulated Glass, Add* | *277.45* | |

### 08 52 16 00-0520 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0521 | EA | 31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 674.76 | 45.95 |
| | | *For Tempered Clear Insulated Glass, Add* | *116.57* | |
| 08 52 16 00-0522 | EA | 35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 744.27 | 47.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *129.79* | |
| 08 52 16 00-0523 | EA | 40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 805.26 | 49.82 |
| | | *For Tempered Clear Insulated Glass, Add* | *141.13* | |
| 08 52 16 00-0524 | EA | 48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 894.41 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *157.58* | |
| 08 52 16 00-0525 | EA | 52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 954.53 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *168.92* | |
| 08 52 16 00-0526 | EA | 59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,041.01 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *185.01* | |
| 08 52 16 00-0527 | EA | 64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 902.05 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *156.36* | |
| 08 52 16 00-0528 | EA | 71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 969.45 | 63.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *168.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 52 16 00-0529** | | **40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)* | | |
| 08 52 16 00-0530 | EA | 35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) | 794.28 | 49.82 |
| | | *For Tempered Clear Insulated Glass, Add* | *138.93* | |
| 08 52 16 00-0531 | EA | 40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) | 897.33 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *158.68* | |
| **08 52 16 00-0532** | | **48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)* | | |
| 08 52 16 00-0533 | EA | 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) | 949.27 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *168.55* | |
| 08 52 16 00-0534 | EA | 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,054.14 | 55.83 |
| | | *For Tempered Clear Insulated Glass, Add* | *188.67* | |
| 08 52 16 00-0535 | EA | 48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,207.30 | 58.84 |
| | | *For Tempered Clear Insulated Glass, Add* | *217.93* | |
| **08 52 16 00-0536** | | **59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)* | | |
| 08 52 16 00-0537 | EA | 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,181.41 | 57.98 |
| | | *For Tempered Clear Insulated Glass, Add* | *213.09* | |
| 08 52 16 00-0538 | EA | 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,273.05 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *230.56* | |
| **08 52 16 00-0539** | | **71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)* | | |
| 08 52 16 00-0540 | EA | 24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,295.81 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *235.80* | |
| 08 52 16 00-0541 | EA | 35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,338.59 | 63.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *242.47* | |
| 08 52 16 00-0542 | EA | 40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,484.95 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *270.88* | |
| 08 52 16 00-0543 | EA | 48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 1,633.55 | 68.72 |
| | | *For Tempered Clear Insulated Glass, Add* | *299.23* | |
| **08 52 16 00-0544** | | **Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0460)* | | |
| **08 52 16 00-0545** | | **17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0544)* | | |
| 08 52 16 00-0546 | EA | 24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 395.71 | 35.22 |
| | | *For Tempered Clear Insulated Glass, Add* | *65.06* | |
| 08 52 16 00-0547 | EA | 28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 426.57 | 36.93 |
| | | *For Tempered Clear Insulated Glass, Add* | *70.54* | |
| 08 52 16 00-0548 | EA | 31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 446.83 | 38.22 |
| | | *For Tempered Clear Insulated Glass, Add* | *74.08* | |
| 08 52 16 00-0549 | EA | 35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 480.13 | 39.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *80.05* | |
| 08 52 16 00-0550 | EA | 40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 515.51 | 42.09 |
| | | *For Tempered Clear Insulated Glass, Add* | *86.27* | |
| 08 52 16 00-0551 | EA | 48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 569.93 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *95.78* | |
| 08 52 16 00-0552 | EA | 52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 602.62 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *101.63* | |
| 08 52 16 00-0553 | EA | 59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 654.34 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *110.77* | |
| 08 52 16 00-0554 | EA | 64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 689.73 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *116.99* | |
| 08 52 16 00-0555 | EA | 71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 741.45 | 55.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *126.13* | |
| **08 52 16 00-0556** | | **20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0544)* | | |
| 08 52 16 00-0557 | EA | 24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 420.22 | 36.93 |
| | | *For Tempered Clear Insulated Glass, Add* | *69.44* | |
| 08 52 16 00-0558 | EA | 28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 451.09 | 38.65 |
| | | *For Tempered Clear Insulated Glass, Add* | *74.93* | |
| 08 52 16 00-0559 | EA | 31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 469.57 | 39.51 |
| | | *For Tempered Clear Insulated Glass, Add* | *78.11* | |
| 08 52 16 00-0560 | EA | 35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 506.48 | 41.23 |
| | | *For Tempered Clear Insulated Glass, Add* | *84.80* | |
| 08 52 16 00-0561 | EA | 40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 541.86 | 43.80 |
| | | *For Tempered Clear Insulated Glass, Add* | *91.02* | |
| 08 52 16 00-0562 | EA | 48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 594.44 | 46.81 |
| | | *For Tempered Clear Insulated Glass, Add* | *100.16* | |
| 08 52 16 00-0563 | EA | 52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 628.97 | 48.96 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.38* | |
| 08 52 16 00-0564 | EA | 59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 678.86 | 51.53 |
| | | *For Tempered Clear Insulated Glass, Add* | *115.16* | |
| 08 52 16 00-0565 | EA | 64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 716.07 | 54.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *121.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0566 | EA | 71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 765.97 | 56.69 |
| | | *For Tempered Clear Insulated Glass, Add* | *130.52* | |

## 08 52 16 00-0567 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0568 | EA | 24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 447.43 | 38.65 |
| | | *For Tempered Clear Insulated Glass, Add* | *74.20* | |
| 08 52 16 00-0569 | EA | 28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 478.30 | 40.37 |
| | | *For Tempered Clear Insulated Glass, Add* | *79.68* | |
| 08 52 16 00-0570 | EA | 31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 494.72 | 41.23 |
| | | *For Tempered Clear Insulated Glass, Add* | *82.45* | |
| 08 52 16 00-0571 | EA | 35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 531.86 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *89.19* | |
| 08 52 16 00-0572 | EA | 40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 567.24 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *95.41* | |
| 08 52 16 00-0573 | EA | 48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 619.83 | 48.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *104.55* | |
| 08 52 16 00-0574 | EA | 52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 654.34 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *110.77* | |
| 08 52 16 00-0575 | EA | 59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 706.07 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *119.91* | |
| 08 52 16 00-0576 | EA | 64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 741.45 | 55.83 |
| | | *For Tempered Clear Insulated Glass, Add* | *126.13* | |
| 08 52 16 00-0577 | EA | 71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 793.18 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *135.27* | |

## 08 52 16 00-0578 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0579 | EA | 24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 449.05 | 40.37 |
| | | *For Tempered Clear Insulated Glass, Add* | *73.83* | |
| 08 52 16 00-0580 | EA | 28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 490.89 | 42.09 |
| | | *For Tempered Clear Insulated Glass, Add* | *81.51* | |
| 08 52 16 00-0581 | EA | 31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 513.66 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *85.55* | |
| 08 52 16 00-0582 | EA | 35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 535.30 | 44.66 |
| | | *For Tempered Clear Insulated Glass, Add* | *89.19* | |
| 08 52 16 00-0583 | EA | 40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 614.56 | 47.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *104.19* | |
| 08 52 16 00-0584 | EA | 48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 685.43 | 50.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *116.99* | |
| 08 52 16 00-0585 | EA | 52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 732.75 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *125.76* | |
| 08 52 16 00-0586 | EA | 59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 802.76 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *138.57* | |
| 08 52 16 00-0587 | EA | 64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 852.77 | 57.55 |
| | | *For Tempered Clear Insulated Glass, Add* | *147.71* | |
| 08 52 16 00-0588 | EA | 71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 922.79 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *160.51* | |

## 08 52 16 00-0589 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0590 | EA | 28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 513.66 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *85.55* | |
| 08 52 16 00-0591 | EA | 31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 542.60 | 44.24 |
| | | *For Tempered Clear Insulated Glass, Add* | *90.83* | |
| 08 52 16 00-0592 | EA | 35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 581.71 | 45.95 |
| | | *For Tempered Clear Insulated Glass, Add* | *97.96* | |
| 08 52 16 00-0593 | EA | 40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 626.33 | 48.10 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.03* | |
| 08 52 16 00-0594 | EA | 48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 690.57 | 51.53 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.50* | |
| 08 52 16 00-0595 | EA | 52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 734.33 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *125.57* | |
| 08 52 16 00-0596 | EA | 59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 797.73 | 56.69 |
| | | *For Tempered Clear Insulated Glass, Add* | *137.04* | |
| 08 52 16 00-0597 | EA | 64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 840.79 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *144.80* | |
| 08 52 16 00-0598 | EA | 71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 904.18 | 61.41 |
| | | *For Tempered Clear Insulated Glass, Add* | *156.27* | |

## 08 52 16 00-0599 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0600 | EA | 31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 581.71 | 45.95 |
| | | *For Tempered Clear Insulated Glass, Add* | *97.96* | |
| 08 52 16 00-0601 | EA | 35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 640.04 | 47.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *108.94* | |
| 08 52 16 00-0602 | EA | 40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 688.23 | 49.82 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.72* | |
| 08 52 16 00-0603 | EA | 48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 760.92 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *130.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0604 | EA | 52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 808.24 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *139.66* | |
| 08 52 16 00-0605 | EA | 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 878.26 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *152.46* | |
| 08 52 16 00-0606 | EA | 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 926.45 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *161.24* | |
| 08 52 16 00-0607 | EA | 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 996.46 | 63.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *174.04* | |

### 08 52 16 00-0608 Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0459)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

### 08 52 16 00-0609 Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*

### 08 52 16 00-0610 17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0611 | EA | 24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 542.91 | 35.22 |
| | | *For Tempered Low-E Insulated Glass, Add* | *94.50* | |
| 08 52 16 00-0612 | EA | 28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 582.91 | 36.93 |
| | | *For Tempered Low-E Insulated Glass, Add* | *101.81* | |
| 08 52 16 00-0613 | EA | 31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 615.87 | 38.22 |
| | | *For Tempered Low-E Insulated Glass, Add* | *107.89* | |
| 08 52 16 00-0614 | EA | 35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 657.50 | 39.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *115.52* | |
| 08 52 16 00-0615 | EA | 40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 705.22 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *124.21* | |
| 08 52 16 00-0616 | EA | 48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 778.39 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *137.47* | |
| 08 52 16 00-0617 | EA | 52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 825.25 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *146.15* | |
| 08 52 16 00-0618 | EA | 59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 892.97 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *158.50* | |
| 08 52 16 00-0619 | EA | 64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 916.83 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *162.41* | |
| 08 52 16 00-0620 | EA | 71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) | 983.78 | 55.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *174.60* | |

### 08 52 16 00-0621 20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0622 | EA | 24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 574.04 | 36.93 |
| | | *For Tempered Low-E Insulated Glass, Add* | *100.21* | |
| 08 52 16 00-0623 | EA | 28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 617.49 | 38.65 |
| | | *For Tempered Low-E Insulated Glass, Add* | *108.21* | |
| 08 52 16 00-0624 | EA | 31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 645.59 | 39.51 |
| | | *For Tempered Low-E Insulated Glass, Add* | *113.31* | |
| 08 52 16 00-0625 | EA | 35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 692.08 | 41.23 |
| | | *For Tempered Low-E Insulated Glass, Add* | *121.92* | |
| 08 52 16 00-0626 | EA | 40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 739.80 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *130.61* | |
| 08 52 16 00-0627 | EA | 48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 810.67 | 46.81 |
| | | *For Tempered Low-E Insulated Glass, Add* | *143.41* | |
| 08 52 16 00-0628 | EA | 52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 857.54 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *152.10* | |
| 08 52 16 00-0629 | EA | 59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 927.54 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *164.90* | |
| 08 52 16 00-0630 | EA | 64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 948.74 | 54.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *168.28* | |
| 08 52 16 00-0631 | EA | 71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,017.94 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *180.91* | |
| 08 52 16 00-0632 | EA | 84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,609.59 | 62.70 |
| | | *For Tempered Low-E Insulated Glass, Add* | *297.01* | |

### 08 52 16 00-0633 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0634 | EA | 24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 612.92 | 38.65 |
| | | *For Tempered Low-E Insulated Glass, Add* | *107.30* | |
| 08 52 16 00-0635 | EA | 28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 652.93 | 40.37 |
| | | *For Tempered Low-E Insulated Glass, Add* | *114.61* | |
| 08 52 16 00-0636 | EA | 31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 680.05 | 41.23 |
| | | *For Tempered Low-E Insulated Glass, Add* | *119.52* | |
| 08 52 16 00-0637 | EA | 35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 727.51 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *128.32* | |
| 08 52 16 00-0638 | EA | 40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 775.24 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *137.01* | |
| 08 52 16 00-0639 | EA | 48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 848.40 | 48.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *150.27* | |
| 08 52 16 00-0640 | EA | 52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 895.26 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *158.95* | |
| 08 52 16 00-0641 | EA | 59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 965.27 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *171.75* | |
| 08 52 16 00-0642 | EA | 64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 983.78 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *174.60* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0643 | EA | 71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,050.63 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *186.76* | |
| 08 52 16 00-0644 | EA | 84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,696.40 | 64.42 |
| | | *For Tempered Low-E Insulated Glass, Add* | *313.68* | |

### 08 52 16 00-0645 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0646 | EA | 24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 609.50 | 40.37 |
| | | *For Tempered Low-E Insulated Glass, Add* | *105.92* | |
| 08 52 16 00-0647 | EA | 28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 672.37 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *117.81* | |
| 08 52 16 00-0648 | EA | 31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 712.56 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *125.33* | |
| 08 52 16 00-0649 | EA | 35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) | 788.10 | 44.66 |
| | | *For Tempered Low-E Insulated Glass, Add* | *139.75* | |
| 08 52 16 00-0650 | EA | 40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 863.25 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *153.93* | |
| 08 52 16 00-0651 | EA | 48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 972.97 | 50.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *174.50* | |
| 08 52 16 00-0652 | EA | 52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,044.99 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *188.21* | |
| 08 52 16 00-0653 | EA | 59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,153.84 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *208.78* | |
| 08 52 16 00-0654 | EA | 64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,192.57 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *215.67* | |
| 08 52 16 00-0655 | EA | 71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,496.95 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *275.34* | |
| 08 52 16 00-0656 | EA | 84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,742.65 | 66.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *322.25* | |

### 08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0658 | EA | 28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 712.56 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *125.33* | |
| 08 52 16 00-0659 | EA | 31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 755.84 | 44.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *133.48* | |
| 08 52 16 00-0660 | EA | 35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 815.49 | 45.95 |
| | | *For Tempered Low-E Insulated Glass, Add* | *144.72* | |
| 08 52 16 00-0661 | EA | 40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 881.83 | 48.10 |
| | | *For Tempered Low-E Insulated Glass, Add* | *157.13* | |
| 08 52 16 00-0662 | EA | 48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 977.86 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *174.96* | |
| 08 52 16 00-0663 | EA | 52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,045.27 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *187.75* | |
| 08 52 16 00-0664 | EA | 59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,140.46 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *205.59* | |
| 08 52 16 00-0665 | EA | 64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,206.79 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *218.00* | |
| 08 52 16 00-0666 | EA | 71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,303.91 | 61.41 |
| | | *For Tempered Low-E Insulated Glass, Add* | *236.22* | |
| 08 52 16 00-0667 | EA | 84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,863.10 | 66.99 |
| | | *For Tempered Low-E Insulated Glass, Add* | *345.82* | |

### 08 52 16 00-0668 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0669 | EA | 31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 815.49 | 45.95 |
| | | *For Tempered Low-E Insulated Glass, Add* | *144.72* | |
| 08 52 16 00-0670 | EA | 35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 901.53 | 47.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *161.24* | |
| 08 52 16 00-0671 | EA | 40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 976.69 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *175.41* | |
| 08 52 16 00-0672 | EA | 48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,086.41 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *195.98* | |
| 08 52 16 00-0673 | EA | 52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,160.70 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *210.15* | |
| 08 52 16 00-0674 | EA | 59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,267.29 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *230.27* | |
| 08 52 16 00-0675 | EA | 64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,092.52 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *194.45* | |
| 08 52 16 00-0676 | EA | 71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,175.27 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *209.80* | |

### 08 52 16 00-0677 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0678 | EA | 35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) | 958.67 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *172.67* | |
| 08 52 16 00-0679 | EA | 40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,093.27 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *197.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 52 16 00-0680** | | **48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0609)* | | |
| 08 52 16 00-0681 | EA | 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,154.98 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *209.70* | |
| 08 52 16 00-0682 | EA | 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,285.00 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *234.84* | |
| 08 52 16 00-0683 | EA | 48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,474.73 | 58.84 |
| | | *For Tempered Low-E Insulated Glass, Add* | *271.41* | |
| **08 52 16 00-0684** | | **59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0609)* | | |
| 08 52 16 00-0685 | EA | 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,442.80 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *265.37* | |
| 08 52 16 00-0686 | EA | 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,556.27 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *287.20* | |
| **08 52 16 00-0687** | | **71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0609)* | | |
| 08 52 16 00-0688 | EA | 24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,585.58 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *293.75* | |
| 08 52 16 00-0689 | EA | 35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,636.69 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *302.09* | |
| 08 52 16 00-0690 | EA | 40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 1,818.58 | 65.27 |
| | | *For Tempered Low-E Insulated Glass, Add* | *337.61* | |
| 08 52 16 00-0691 | EA | 48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) | 2,002.61 | 68.72 |
| | | *For Tempered Low-E Insulated Glass, Add* | *373.04* | |
| **08 52 16 00-0692** | | **Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0608)* | | |
| **08 52 16 00-0693** | | **17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0692)* | | |
| 08 52 16 00-0694 | EA | 24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 472.05 | 35.22 |
| | | *For Tempered Low-E Insulated Glass, Add* | *80.32* | |
| 08 52 16 00-0695 | EA | 28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 509.77 | 36.93 |
| | | *For Tempered Low-E Insulated Glass, Add* | *87.18* | |
| 08 52 16 00-0696 | EA | 31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 534.45 | 38.22 |
| | | *For Tempered Low-E Insulated Glass, Add* | *91.60* | |
| 08 52 16 00-0697 | EA | 35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 575.22 | 39.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *99.07* | |
| 08 52 16 00-0698 | EA | 40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 618.37 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *106.84* | |
| 08 52 16 00-0699 | EA | 48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 684.67 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *118.72* | |
| 08 52 16 00-0700 | EA | 52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 724.68 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *126.04* | |
| 08 52 16 00-0701 | EA | 59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 787.83 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *137.47* | |
| 08 52 16 00-0702 | EA | 64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 830.99 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *145.24* | |
| 08 52 16 00-0703 | EA | 71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 894.14 | 55.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *156.67* | |
| **08 52 16 00-0704** | | **20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0692)* | | |
| 08 52 16 00-0705 | EA | 24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 502.05 | 36.93 |
| | | *For Tempered Low-E Insulated Glass, Add* | *85.81* | |
| 08 52 16 00-0706 | EA | 28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 539.78 | 38.65 |
| | | *For Tempered Low-E Insulated Glass, Add* | *92.67* | |
| 08 52 16 00-0707 | EA | 31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 562.24 | 39.51 |
| | | *For Tempered Low-E Insulated Glass, Add* | *96.64* | |
| 08 52 16 00-0708 | EA | 35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 607.51 | 41.23 |
| | | *For Tempered Low-E Insulated Glass, Add* | *105.01* | |
| 08 52 16 00-0709 | EA | 40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 650.66 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *112.78* | |
| 08 52 16 00-0710 | EA | 48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 714.67 | 46.81 |
| | | *For Tempered Low-E Insulated Glass, Add* | *124.21* | |
| 08 52 16 00-0711 | EA | 52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 756.97 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *131.98* | |
| 08 52 16 00-0712 | EA | 59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 817.83 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *142.95* | |
| 08 52 16 00-0713 | EA | 64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 863.27 | 54.11 |
| | | *For Tempered Low-E Insulated Glass, Add* | *151.18* | |
| 08 52 16 00-0714 | EA | 71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 924.14 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *162.15* | |
| **08 52 16 00-0715** | | **24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0692)* | | |
| 08 52 16 00-0716 | EA | 24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 535.21 | 38.65 |
| | | *For Tempered Low-E Insulated Glass, Add* | *91.75* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0717 | EA | 28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 572.93 | 40.37 |
| | | *For Tempered Low-E Insulated Glass, Add* | *98.61* | |
| 08 52 16 00-0718 | EA | 31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 592.81 | 41.23 |
| | | *For Tempered Low-E Insulated Glass, Add* | *102.07* | |
| 08 52 16 00-0719 | EA | 35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 638.37 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *110.50* | |
| 08 52 16 00-0720 | EA | 40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 681.53 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *118.27* | |
| 08 52 16 00-0721 | EA | 48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 745.54 | 48.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *129.70* | |
| 08 52 16 00-0722 | EA | 52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 787.83 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *137.47* | |
| 08 52 16 00-0723 | EA | 59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 850.98 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *148.90* | |
| 08 52 16 00-0724 | EA | 64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 894.14 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *156.67* | |
| 08 52 16 00-0725 | EA | 71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 957.29 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *168.10* | |

### 08 52 16 00-0726 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0727 | EA | 24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 536.36 | 40.37 |
| | | *For Tempered Low-E Insulated Glass, Add* | *91.30* | |
| 08 52 16 00-0728 | EA | 28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 587.80 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *100.90* | |
| 08 52 16 00-0729 | EA | 31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 615.63 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *105.95* | |
| 08 52 16 00-0730 | EA | 35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 641.81 | 44.66 |
| | | *For Tempered Low-E Insulated Glass, Add* | *110.50* | |
| 08 52 16 00-0731 | EA | 40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 739.82 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *129.24* | |
| 08 52 16 00-0732 | EA | 48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 826.69 | 50.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *145.24* | |
| 08 52 16 00-0733 | EA | 52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 884.98 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *156.21* | |
| 08 52 16 00-0734 | EA | 59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 970.99 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *172.21* | |
| 08 52 16 00-0735 | EA | 64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 1,032.43 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *183.64* | |
| 08 52 16 00-0736 | EA | 71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 1,118.45 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *199.64* | |

### 08 52 16 00-0737 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0738 | EA | 28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) | 615.63 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *105.95* | |
| 08 52 16 00-0739 | EA | 31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 651.15 | 44.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *112.54* | |
| 08 52 16 00-0740 | EA | 35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 699.18 | 45.95 |
| | | *For Tempered Low-E Insulated Glass, Add* | *121.46* | |
| 08 52 16 00-0741 | EA | 40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 753.88 | 48.10 |
| | | *For Tempered Low-E Insulated Glass, Add* | *131.54* | |
| 08 52 16 00-0742 | EA | 48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 832.47 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *145.88* | |
| 08 52 16 00-0743 | EA | 52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 886.31 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *155.96* | |
| 08 52 16 00-0744 | EA | 59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 964.06 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *170.31* | |
| 08 52 16 00-0745 | EA | 64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 1,016.81 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *180.00* | |
| 08 52 16 00-0746 | EA | 71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 1,094.54 | 61.41 |
| | | *For Tempered Low-E Insulated Glass, Add* | *194.34* | |

### 08 52 16 00-0747 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0748 | EA | 31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 699.18 | 45.95 |
| | | *For Tempered Low-E Insulated Glass, Add* | *121.46* | |
| 08 52 16 00-0749 | EA | 35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 771.24 | 47.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *135.18* | |
| 08 52 16 00-0750 | EA | 40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 830.40 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *146.15* | |
| 08 52 16 00-0751 | EA | 48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 919.55 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *162.61* | |
| 08 52 16 00-0752 | EA | 52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 977.84 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *173.58* | |
| 08 52 16 00-0753 | EA | 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 1,063.86 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *189.58* | |
| 08 52 16 00-0754 | EA | 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 1,123.02 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *200.55* | |
| 08 52 16 00-0755 | EA | 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) | 1,209.03 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *216.55* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0756 | | Horizontal Sliding Wood Clad Windows *(08 52 16)*<br>Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes | | |
| 08 52 16 00-0757 | | One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0756)*<br>Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens. | | |
| 08 52 16 00-0758 | | 17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)* | | |
| 08 52 16 00-0759 | EA | 47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 559.60 | 45.52 |
| | | *For Tempered Clear Insulated Glass, Add* | *93.88* | |
| 08 52 16 00-0760 | | 23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)* | | |
| 08 52 16 00-0761 | EA | 35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 513.82 | 42.09 |
| | | *For Tempered Clear Insulated Glass, Add* | *85.76* | |
| 08 52 16 00-0762 | EA | 47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 603.11 | 48.10 |
| | | *For Tempered Clear Insulated Glass, Add* | *101.56* | |
| 08 52 16 00-0763 | | 35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)* | | |
| 08 52 16 00-0764 | EA | 35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 603.11 | 48.10 |
| | | *For Tempered Clear Insulated Glass, Add* | *101.56* | |
| 08 52 16 00-0765 | EA | 47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 692.42 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.35* | |
| 08 52 16 00-0766 | EA | 59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 781.71 | 57.98 |
| | | *For Tempered Clear Insulated Glass, Add* | *133.15* | |
| 08 52 16 00-0767 | EA | 71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 871.00 | 63.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *148.95* | |
| 08 52 16 00-0768 | | 41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)* | | |
| 08 52 16 00-0769 | EA | 35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 648.89 | 50.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *109.68* | |
| 08 52 16 00-0770 | EA | 47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 735.93 | 55.83 |
| | | *For Tempered Clear Insulated Glass, Add* | *125.03* | |
| 08 52 16 00-0771 | EA | 59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 825.22 | 60.55 |
| | | *For Tempered Clear Insulated Glass, Add* | *140.82* | |
| 08 52 16 00-0772 | EA | 71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 993.51 | 65.71 |
| | | *For Tempered Clear Insulated Glass, Add* | *172.42* | |
| 08 52 16 00-0773 | | 47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)* | | |
| 08 52 16 00-0774 | EA | 35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 692.42 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.35* | |
| 08 52 16 00-0775 | EA | 47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 781.71 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *133.15* | |
| 08 52 16 00-0776 | EA | 59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 871.00 | 63.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *148.95* | |
| 08 52 16 00-0777 | EA | 71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 960.29 | 68.28 |
| | | *For Tempered Clear Insulated Glass, Add* | *164.75* | |
| 08 52 16 00-0778 | | 53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)* | | |
| 08 52 16 00-0779 | EA | 47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 825.22 | 60.99 |
| | | *For Tempered Clear Insulated Glass, Add* | *140.82* | |
| 08 52 16 00-0780 | EA | 59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 914.52 | 65.71 |
| | | *For Tempered Clear Insulated Glass, Add* | *156.62* | |
| 08 52 16 00-0781 | EA | 71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 1,003.82 | 70.85 |
| | | *For Tempered Clear Insulated Glass, Add* | *172.42* | |
| 08 52 16 00-0782 | | 59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)* | | |
| 08 52 16 00-0783 | EA | 47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 871.00 | 63.56 |
| | | *For Tempered Clear Insulated Glass, Add* | *148.95* | |
| 08 52 16 00-0784 | EA | 59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 960.29 | 68.28 |
| | | *For Tempered Clear Insulated Glass, Add* | *164.75* | |
| 08 52 16 00-0785 | EA | 71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) | 1,049.76 | 73.44 |
| | | *For Tempered Clear Insulated Glass, Add* | *180.58* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0786 | | Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0756)*<br>Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens. | | |
| 08 52 16 00-0787 | | 22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)* | | |
| 08 52 16 00-0788 | EA | 35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 1,305.73 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *244.14* | |
| 08 52 16 00-0789 | EA | 47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 1,557.50 | 48.10 |
| | | *For Tempered Low-E Insulated Glass, Add* | *292.43* | |
| 08 52 16 00-0790 | | 35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)* | | |
| 08 52 16 00-0791 | EA | 35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 1,577.81 | 48.10 |
| | | *For Tempered Low-E Insulated Glass, Add* | *296.50* | |
| 08 52 16 00-0792 | EA | 47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 1,831.87 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *345.24* | |
| 08 52 16 00-0793 | EA | 59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,083.65 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *393.54* | |
| 08 52 16 00-0794 | EA | 71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,335.43 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *441.83* | |
| 08 52 16 00-0795 | | 41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)* | | |
| 08 52 16 00-0796 | EA | 35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 1,704.84 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *320.87* | |
| 08 52 16 00-0797 | EA | 47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 1,956.63 | 55.83 |
| | | *For Tempered Low-E Insulated Glass, Add* | *369.17* | |
| 08 52 16 00-0798 | EA | 59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,210.66 | 60.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *417.91* | |
| 08 52 16 00-0799 | EA | 71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,462.45 | 65.71 |
| | | *For Tempered Low-E Insulated Glass, Add* | *466.21* | |
| 08 52 16 00-0800 | | 47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)* | | |
| 08 52 16 00-0801 | EA | 35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 1,831.87 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *345.24* | |
| 08 52 16 00-0802 | EA | 47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,083.65 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *393.54* | |
| 08 52 16 00-0803 | EA | 59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,335.43 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *441.83* | |
| 08 52 16 00-0804 | EA | 71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,589.47 | 68.28 |
| | | *For Tempered Low-E Insulated Glass, Add* | *490.58* | |
| 08 52 16 00-0805 | | 59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)* | | |
| 08 52 16 00-0806 | EA | 35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,083.65 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *393.54* | |
| 08 52 16 00-0807 | EA | 47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,335.43 | 63.56 |
| | | *For Tempered Low-E Insulated Glass, Add* | *441.83* | |
| 08 52 16 00-0808 | EA | 59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,589.47 | 68.28 |
| | | *For Tempered Low-E Insulated Glass, Add* | *490.58* | |
| 08 52 16 00-0809 | EA | 71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series) | 2,841.25 | 73.44 |
| | | *For Tempered Low-E Insulated Glass, Add* | *538.88* | |
| 08 52 16 00-0810 | | Picture Wood Clad Windows *(08 52 16)*<br>Note: Picture windows are fixed windows. | | |
| 08 52 16 00-0811 | | Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0810)* | | |
| 08 52 16 00-0812 | | Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0811)*<br>Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens. | | |
| 08 52 16 00-0813 | | 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)* | | |
| 08 52 16 00-0814 | EA | 40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 441.12 | 34.36 |
| | | *For Tempered Clear Insulated Glass, Add* | *74.48* | |
| 08 52 16 00-0815 | EA | 48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 518.53 | 37.79 |
| | | *For Tempered Clear Insulated Glass, Add* | *88.59* | |
| 08 52 16 00-0816 | EA | 52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 551.49 | 39.51 |
| | | *For Tempered Clear Insulated Glass, Add* | *94.49* | |
| 08 52 16 00-0817 | EA | 59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 598.51 | 42.94 |
| | | *For Tempered Clear Insulated Glass, Add* | *102.70* | |
| 08 52 16 00-0818 | EA | 64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 630.70 | 44.66 |
| | | *For Tempered Clear Insulated Glass, Add* | *108.27* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0819 | EA | 71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 677.71 | 48.10 |
| | | *For Tempered Clear Insulated Glass, Add* | *116.48* | |

### 08 52 16 00-0820 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0821 | EA | 35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 485.93 | 42.09 |
| | | *For Tempered Clear Insulated Glass, Add* | *80.35* | |
| 08 52 16 00-0822 | EA | 40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 566.13 | 44.66 |
| | | *For Tempered Clear Insulated Glass, Add* | *95.53* | |
| 08 52 16 00-0823 | EA | 48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 684.09 | 47.67 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.75* | |
| 08 52 16 00-0824 | EA | 52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 761.59 | 49.38 |
| | | *For Tempered Clear Insulated Glass, Add* | *132.56* | |
| 08 52 16 00-0825 | EA | 59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 876.84 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *154.41* | |
| 08 52 16 00-0826 | EA | 64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 957.04 | 54.54 |
| | | *For Tempered Clear Insulated Glass, Add* | *169.59* | |
| 08 52 16 00-0827 | EA | 71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,442.57 | 57.55 |
| | | *For Tempered Clear Insulated Glass, Add* | *265.50* | |

### 08 52 16 00-0828 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0829 | EA | 35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 566.13 | 44.66 |
| | | *For Tempered Clear Insulated Glass, Add* | *95.53* | |
| 08 52 16 00-0830 | EA | 40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 646.34 | 46.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *110.72* | |
| 08 52 16 00-0831 | EA | 48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 764.30 | 49.82 |
| | | *For Tempered Clear Insulated Glass, Add* | *132.93* | |
| 08 52 16 00-0832 | EA | 52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 841.79 | 51.53 |
| | | *For Tempered Clear Insulated Glass, Add* | *147.75* | |
| 08 52 16 00-0833 | EA | 59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 957.04 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *169.59* | |
| 08 52 16 00-0834 | EA | 64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,037.24 | 56.69 |
| | | *For Tempered Clear Insulated Glass, Add* | *184.77* | |
| 08 52 16 00-0835 | EA | 71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,152.49 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *206.62* | |

### 08 52 16 00-0836 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0837 | EA | 35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 684.09 | 48.10 |
| | | *For Tempered Clear Insulated Glass, Add* | *117.75* | |
| 08 52 16 00-0838 | EA | 40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 764.30 | 49.82 |
| | | *For Tempered Clear Insulated Glass, Add* | *132.93* | |
| 08 52 16 00-0839 | EA | 48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 882.25 | 53.25 |
| | | *For Tempered Clear Insulated Glass, Add* | *155.15* | |
| 08 52 16 00-0840 | EA | 52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 959.74 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *169.96* | |
| 08 52 16 00-0841 | EA | 59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,075.00 | 58.40 |
| | | *For Tempered Clear Insulated Glass, Add* | *191.81* | |
| 08 52 16 00-0842 | EA | 64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,155.21 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *206.99* | |
| 08 52 16 00-0843 | EA | 71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,270.45 | 63.56 |
| | | *For Tempered Clear Insulated Glass, Add* | *228.84* | |

### 08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0845 | EA | 35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 761.59 | 49.82 |
| | | *For Tempered Clear Insulated Glass, Add* | *132.56* | |
| 08 52 16 00-0846 | EA | 40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 841.79 | 51.53 |
| | | *For Tempered Clear Insulated Glass, Add* | *147.75* | |
| 08 52 16 00-0847 | EA | 48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 959.74 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *169.96* | |
| 08 52 16 00-0848 | EA | 52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,037.24 | 56.69 |
| | | *For Tempered Clear Insulated Glass, Add* | *184.77* | |
| 08 52 16 00-0849 | EA | 59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,152.49 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *206.62* | |
| 08 52 16 00-0850 | EA | 64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,232.69 | 61.84 |
| | | *For Tempered Clear Insulated Glass, Add* | *221.80* | |
| 08 52 16 00-0851 | EA | 71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,457.17 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *265.50* | |

### 08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0853 | EA | 35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 876.84 | 52.39 |
| | | *For Tempered Clear Insulated Glass, Add* | *154.41* | |
| 08 52 16 00-0854 | EA | 40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 957.04 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *169.59* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0855 | EA | 48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,075.00 | 57.98 |
| | | *For Tempered Clear Insulated Glass, Add* | *191.81* | |
| 08 52 16 00-0856 | EA | 52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,152.49 | 59.69 |
| | | *For Tempered Clear Insulated Glass, Add* | *206.62* | |
| 08 52 16 00-0857 | EA | 59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,267.74 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *228.47* | |
| 08 52 16 00-0858 | EA | 64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,347.94 | 64.85 |
| | | *For Tempered Clear Insulated Glass, Add* | *243.65* | |
| 08 52 16 00-0859 | EA | 71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,463.18 | 67.86 |
| | | *For Tempered Clear Insulated Glass, Add* | *265.50* | |

### 08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0861 | EA | 35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 957.04 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *169.59* | |
| 08 52 16 00-0862 | EA | 40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,037.24 | 56.69 |
| | | *For Tempered Clear Insulated Glass, Add* | *184.77* | |
| 08 52 16 00-0863 | EA | 48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,155.21 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *206.99* | |
| 08 52 16 00-0864 | EA | 52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,232.69 | 61.84 |
| | | *For Tempered Clear Insulated Glass, Add* | *221.80* | |
| 08 52 16 00-0865 | EA | 59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,457.17 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *265.50* | |

### 08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0867 | EA | 35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,072.29 | 57.55 |
| | | *For Tempered Clear Insulated Glass, Add* | *191.44* | |
| 08 52 16 00-0868 | EA | 40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,152.49 | 60.12 |
| | | *For Tempered Clear Insulated Glass, Add* | *206.62* | |
| 08 52 16 00-0869 | EA | 48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,270.45 | 63.13 |
| | | *For Tempered Clear Insulated Glass, Add* | *228.84* | |
| 08 52 16 00-0870 | EA | 52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,347.94 | 64.85 |
| | | *For Tempered Clear Insulated Glass, Add* | *243.65* | |
| 08 52 16 00-0871 | EA | 59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series) | 1,463.18 | 67.86 |
| | | *For Tempered Clear Insulated Glass, Add* | *265.50* | |

### 08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

### 08 52 16 00-0873 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0874 | EA | 40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 528.47 | 34.36 |
| | | *For Tempered Low-E Insulated Glass, Add* | *91.95* | |
| 08 52 16 00-0875 | EA | 48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 622.43 | 37.79 |
| | | *For Tempered Low-E Insulated Glass, Add* | *109.37* | |
| 08 52 16 00-0876 | EA | 52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 662.32 | 39.51 |
| | | *For Tempered Low-E Insulated Glass, Add* | *116.66* | |
| 08 52 16 00-0877 | EA | 59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 718.96 | 42.94 |
| | | *For Tempered Low-E Insulated Glass, Add* | *126.79* | |
| 08 52 16 00-0878 | EA | 64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 757.69 | 44.66 |
| | | *For Tempered Low-E Insulated Glass, Add* | *133.67* | |
| 08 52 16 00-0879 | EA | 71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 814.32 | 48.10 |
| | | *For Tempered Low-E Insulated Glass, Add* | *143.80* | |

### 08 52 16 00-0880 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0881 | EA | 35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 580.17 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *99.20* | |
| 08 52 16 00-0882 | EA | 40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 678.18 | 44.66 |
| | | *For Tempered Low-E Insulated Glass, Add* | *117.94* | |
| 08 52 16 00-0883 | EA | 48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 822.19 | 47.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *145.37* | |
| 08 52 16 00-0884 | EA | 52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 917.06 | 49.38 |
| | | *For Tempered Low-E Insulated Glass, Add* | *163.66* | |
| 08 52 16 00-0885 | EA | 59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,057.94 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *190.63* | |
| 08 52 16 00-0886 | EA | 64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,155.94 | 54.54 |
| | | *For Tempered Low-E Insulated Glass, Add* | *209.37* | |
| 08 52 16 00-0887 | EA | 71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,753.96 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *327.77* | |

### 08 52 16 00-0888 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0889 | EA | 35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 678.18 | 44.66 |
| | | *For Tempered Low-E Insulated Glass, Add* | *117.94* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0890 | EA | 40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 776.19 | 46.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *136.69* | |
| 08 52 16 00-0891 | EA | 48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 920.21 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *164.12* | |
| 08 52 16 00-0892 | EA | 52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,015.07 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *182.40* | |
| 08 52 16 00-0893 | EA | 59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,155.94 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *209.37* | |
| 08 52 16 00-0894 | EA | 64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,253.95 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *228.12* | |
| 08 52 16 00-0895 | EA | 71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,394.83 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *255.09* | |

### 08 52 16 00-0896 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0897 | EA | 35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 822.19 | 48.10 |
| | | *For Tempered Low-E Insulated Glass, Add* | *145.37* | |
| 08 52 16 00-0898 | EA | 40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 920.21 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *164.12* | |
| 08 52 16 00-0899 | EA | 48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,064.22 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *191.54* | |
| 08 52 16 00-0900 | EA | 52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,159.08 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *209.83* | |
| 08 52 16 00-0901 | EA | 59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,299.96 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *236.80* | |
| 08 52 16 00-0902 | EA | 64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,397.97 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *255.54* | |
| 08 52 16 00-0903 | EA | 71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,538.84 | 63.56 |
| | | *For Tempered Low-E Insulated Glass, Add* | *282.52* | |

### 08 52 16 00-0904 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0905 | EA | 35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 917.06 | 49.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *163.66* | |
| 08 52 16 00-0906 | EA | 40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,015.07 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *182.40* | |
| 08 52 16 00-0907 | EA | 48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,159.08 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *209.83* | |
| 08 52 16 00-0908 | EA | 52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,253.95 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *228.12* | |
| 08 52 16 00-0909 | EA | 59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,394.83 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *255.09* | |
| 08 52 16 00-0910 | EA | 64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,492.83 | 61.84 |
| | | *For Tempered Low-E Insulated Glass, Add* | *273.83* | |
| 08 52 16 00-0911 | EA | 71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,768.56 | 65.27 |
| | | *For Tempered Low-E Insulated Glass, Add* | *327.77* | |

### 08 52 16 00-0912 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0913 | EA | 35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,057.94 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *190.63* | |
| 08 52 16 00-0914 | EA | 40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,155.94 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *209.37* | |
| 08 52 16 00-0915 | EA | 48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,299.96 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *236.80* | |
| 08 52 16 00-0916 | EA | 52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,394.83 | 59.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *255.09* | |
| 08 52 16 00-0917 | EA | 59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,535.70 | 62.70 |
| | | *For Tempered Low-E Insulated Glass, Add* | *282.06* | |
| 08 52 16 00-0918 | EA | 64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,633.70 | 64.85 |
| | | *For Tempered Low-E Insulated Glass, Add* | *300.80* | |
| 08 52 16 00-0919 | EA | 71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,774.57 | 67.86 |
| | | *For Tempered Low-E Insulated Glass, Add* | *327.77* | |

### 08 52 16 00-0920 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0921 | EA | 35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,155.94 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *209.37* | |
| 08 52 16 00-0922 | EA | 40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,253.95 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *228.12* | |
| 08 52 16 00-0923 | EA | 48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,397.97 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *255.54* | |
| 08 52 16 00-0924 | EA | 52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,492.83 | 61.84 |
| | | *For Tempered Low-E Insulated Glass, Add* | *273.83* | |
| 08 52 16 00-0925 | EA | 59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,768.56 | 65.27 |
| | | *For Tempered Low-E Insulated Glass, Add* | *327.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0926 | | 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)* | | |
| 08 52 16 00-0927 | EA | 35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,296.81 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *236.34* | |
| 08 52 16 00-0928 | EA | 40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,394.83 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *255.09* | |
| 08 52 16 00-0929 | EA | 48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,538.84 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *282.52* | |
| 08 52 16 00-0930 | EA | 52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,633.70 | 64.85 |
| | | *For Tempered Low-E Insulated Glass, Add* | *300.80* | |
| 08 52 16 00-0931 | EA | 59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series) | 1,774.57 | 67.86 |
| | | *For Tempered Low-E Insulated Glass, Add* | *327.77* | |
| 08 52 16 00-0932 | | Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0810)* | | |
| 08 52 16 00-0933 | | Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0932)* | | |
| | | Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens. | | |
| 08 52 16 00-0934 | | 35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)* | | |
| 08 52 16 00-0935 | EA | 56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 623.82 | 53.68 |
| | | *For Tempered Clear Insulated Glass, Add* | *103.29* | |
| 08 52 16 00-0936 | EA | 59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 640.57 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.13* | |
| 08 52 16 00-0937 | | 47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)* | | |
| 08 52 16 00-0938 | EA | 47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 640.57 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.13* | |
| 08 52 16 00-0939 | EA | 71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 778.66 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *129.62* | |
| 08 52 16 00-0940 | | 53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)* | | |
| 08 52 16 00-0941 | EA | 56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 728.39 | 61.41 |
| | | *For Tempered Clear Insulated Glass, Add* | *121.11* | |
| 08 52 16 00-0942 | EA | 59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 745.15 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *123.95* | |
| 08 52 16 00-0943 | | 56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)* | | |
| 08 52 16 00-0944 | EA | 35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 623.82 | 54.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *103.29* | |
| 08 52 16 00-0945 | EA | 53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 728.39 | 61.41 |
| | | *For Tempered Clear Insulated Glass, Add* | *121.11* | |
| 08 52 16 00-0946 | | 59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)* | | |
| 08 52 16 00-0947 | EA | 35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 640.57 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.13* | |
| 08 52 16 00-0948 | EA | 53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 745.15 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *123.95* | |
| 08 52 16 00-0949 | EA | 59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 778.66 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *129.62* | |
| 08 52 16 00-0950 | EA | 65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 814.19 | 67.86 |
| | | *For Tempered Clear Insulated Glass, Add* | *135.70* | |
| 08 52 16 00-0951 | | 65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)* | | |
| 08 52 16 00-0952 | EA | 59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 814.19 | 67.86 |
| | | *For Tempered Clear Insulated Glass, Add* | *135.70* | |
| 08 52 16 00-0953 | | 71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)* | | |
| 08 52 16 00-0954 | EA | 47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) | 778.66 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *129.62* | |
| 08 52 16 00-0955 | | Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0932)* | | |
| | | Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 52 16 00-0956** | | **48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)* | | |
| 08 52 16 00-0957 | EA | 12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 714.66 | 40.37 |
| | | *For Tempered Low-E Insulated Glass, Add* | *126.79* | |
| 08 52 16 00-0958 | EA | 37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,003.47 | 51.53 |
| | | *For Tempered Low-E Insulated Glass, Add* | *180.25* | |
| 08 52 16 00-0959 | EA | 41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,047.43 | 52.82 |
| | | *For Tempered Low-E Insulated Glass, Add* | *188.36* | |
| 08 52 16 00-0960 | EA | 47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,113.34 | 55.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *200.51* | |
| 08 52 16 00-0961 | EA | 51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,157.28 | 57.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *208.61* | |
| 08 52 16 00-0962 | EA | 59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,247.18 | 60.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *225.22* | |
| 08 52 16 00-0963 | EA | 67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,337.10 | 64.42 |
| | | *For Tempered Low-E Insulated Glass, Add* | *241.82* | |
| **08 52 16 00-0964** | | **52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)* | | |
| 08 52 16 00-0965 | EA | 12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 760.63 | 42.09 |
| | | *For Tempered Low-E Insulated Glass, Add* | *135.29* | |
| 08 52 16 00-0966 | EA | 37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,047.43 | 53.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *188.36* | |
| 08 52 16 00-0967 | EA | 41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,093.39 | 54.54 |
| | | *For Tempered Low-E Insulated Glass, Add* | *196.86* | |
| 08 52 16 00-0968 | EA | 47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,157.28 | 57.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *208.61* | |
| 08 52 16 00-0969 | EA | 51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,203.25 | 59.26 |
| | | *For Tempered Low-E Insulated Glass, Add* | *217.12* | |
| 08 52 16 00-0970 | EA | 59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,293.15 | 62.27 |
| | | *For Tempered Low-E Insulated Glass, Add* | *233.72* | |
| 08 52 16 00-0971 | EA | 67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,383.06 | 66.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *250.33* | |
| **08 52 16 00-0972** | | **56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)* | | |
| 08 52 16 00-0973 | EA | 12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 804.57 | 43.80 |
| | | *For Tempered Low-E Insulated Glass, Add* | *143.39* | |
| 08 52 16 00-0974 | EA | 37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,093.39 | 54.97 |
| | | *For Tempered Low-E Insulated Glass, Add* | *196.86* | |
| 08 52 16 00-0975 | EA | 41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,137.34 | 56.25 |
| | | *For Tempered Low-E Insulated Glass, Add* | *204.96* | |
| 08 52 16 00-0976 | EA | 47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,203.25 | 58.84 |
| | | *For Tempered Low-E Insulated Glass, Add* | *217.12* | |
| 08 52 16 00-0977 | EA | 51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,247.18 | 60.99 |
| | | *For Tempered Low-E Insulated Glass, Add* | *225.22* | |
| 08 52 16 00-0978 | EA | 59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,337.10 | 63.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *241.82* | |
| 08 52 16 00-0979 | EA | 67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,429.04 | 67.86 |
| | | *For Tempered Low-E Insulated Glass, Add* | *258.84* | |
| **08 52 16 00-0980** | | **60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)* | | |
| 08 52 16 00-0981 | EA | 12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 850.55 | 45.52 |
| | | *For Tempered Low-E Insulated Glass, Add* | *151.90* | |
| 08 52 16 00-0982 | EA | 37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,137.34 | 56.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *204.96* | |
| 08 52 16 00-0983 | EA | 41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,183.30 | 57.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *213.47* | |
| 08 52 16 00-0984 | EA | 47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,247.18 | 60.55 |
| | | *For Tempered Low-E Insulated Glass, Add* | *225.22* | |
| 08 52 16 00-0985 | EA | 51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,293.15 | 62.70 |
| | | *For Tempered Low-E Insulated Glass, Add* | *233.72* | |
| 08 52 16 00-0986 | EA | 59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,383.06 | 65.71 |
| | | *For Tempered Low-E Insulated Glass, Add* | *250.33* | |
| 08 52 16 00-0987 | EA | 67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,472.97 | 69.57 |
| | | *For Tempered Low-E Insulated Glass, Add* | *266.94* | |
| **08 52 16 00-0988** | | **64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)* | | |
| 08 52 16 00-0989 | EA | 12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 894.49 | 47.24 |
| | | *For Tempered Low-E Insulated Glass, Add* | *160.00* | |
| 08 52 16 00-0990 | EA | 37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,183.30 | 58.40 |
| | | *For Tempered Low-E Insulated Glass, Add* | *213.47* | |
| 08 52 16 00-0991 | EA | 41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,229.27 | 59.69 |
| | | *For Tempered Low-E Insulated Glass, Add* | *221.98* | |
| 08 52 16 00-0992 | EA | 47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,293.15 | 62.27 |
| | | *For Tempered Low-E Insulated Glass, Add* | *233.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-0993 | EA | 51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,337.10 | 64.42 |
| | | *For Tempered Low-E Insulated Glass, Add* | *241.82* | |
| 08 52 16 00-0994 | EA | 59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,429.04 | 67.42 |
| | | *For Tempered Low-E Insulated Glass, Add* | *258.84* | |
| 08 52 16 00-0995 | EA | 67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,518.95 | 71.29 |
| | | *For Tempered Low-E Insulated Glass, Add* | *275.45* | |

### 08 52 16 00-0996 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-0997 | EA | 12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 940.46 | 48.96 |
| | | *For Tempered Low-E Insulated Glass, Add* | *168.51* | |
| 08 52 16 00-0998 | EA | 37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,229.27 | 60.12 |
| | | *For Tempered Low-E Insulated Glass, Add* | *221.98* | |
| 08 52 16 00-0999 | EA | 41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,273.21 | 61.41 |
| | | *For Tempered Low-E Insulated Glass, Add* | *230.08* | |
| 08 52 16 00-1000 | EA | 47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,337.10 | 63.98 |
| | | *For Tempered Low-E Insulated Glass, Add* | *241.82* | |
| 08 52 16 00-1001 | EA | 51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,383.06 | 66.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *250.33* | |
| 08 52 16 00-1002 | EA | 59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,472.97 | 69.14 |
| | | *For Tempered Low-E Insulated Glass, Add* | *266.94* | |
| 08 52 16 00-1003 | EA | 67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,562.88 | 73.00 |
| | | *For Tempered Low-E Insulated Glass, Add* | *283.55* | |

### 08 52 16 00-1004 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-1005 | EA | 12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 984.39 | 50.67 |
| | | *For Tempered Low-E Insulated Glass, Add* | *176.61* | |
| 08 52 16 00-1006 | EA | 37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,273.21 | 61.84 |
| | | *For Tempered Low-E Insulated Glass, Add* | *230.08* | |
| 08 52 16 00-1007 | EA | 41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,319.18 | 63.13 |
| | | *For Tempered Low-E Insulated Glass, Add* | *238.58* | |
| 08 52 16 00-1008 | EA | 47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,383.06 | 65.71 |
| | | *For Tempered Low-E Insulated Glass, Add* | *250.33* | |
| 08 52 16 00-1009 | EA | 51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,429.04 | 67.86 |
| | | *For Tempered Low-E Insulated Glass, Add* | *258.84* | |
| 08 52 16 00-1010 | EA | 59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,518.95 | 70.85 |
| | | *For Tempered Low-E Insulated Glass, Add* | *275.45* | |
| 08 52 16 00-1011 | EA | 67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,608.85 | 74.72 |
| | | *For Tempered Low-E Insulated Glass, Add* | *292.05* | |

### 08 52 16 00-1012 76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-1013 | EA | 12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,030.37 | 52.39 |
| | | *For Tempered Low-E Insulated Glass, Add* | *185.12* | |
| 08 52 16 00-1014 | EA | 37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,319.18 | 63.56 |
| | | *For Tempered Low-E Insulated Glass, Add* | *238.58* | |
| 08 52 16 00-1015 | EA | 41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,363.12 | 64.85 |
| | | *For Tempered Low-E Insulated Glass, Add* | *246.69* | |
| 08 52 16 00-1016 | EA | 47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,429.04 | 67.42 |
| | | *For Tempered Low-E Insulated Glass, Add* | *258.84* | |
| 08 52 16 00-1017 | EA | 51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,472.97 | 69.57 |
| | | *For Tempered Low-E Insulated Glass, Add* | *266.94* | |
| 08 52 16 00-1018 | EA | 59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,562.88 | 72.58 |
| | | *For Tempered Low-E Insulated Glass, Add* | *283.55* | |
| 08 52 16 00-1019 | EA | 67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) | 1,652.79 | 76.44 |
| | | *For Tempered Low-E Insulated Glass, Add* | *300.15* | |

### 08 52 16 00-1020 Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0810)*

### 08 52 16 00-1021 Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1020)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

### 08 52 16 00-1022 35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-1023 | EA | 56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 623.82 | 53.68 |
| | | *For Tempered Clear Insulated Glass, Add* | *103.29* | |
| 08 52 16 00-1024 | EA | 59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 640.57 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.13* | |

### 08 52 16 00-1025 47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*

| | | | | |
|---|---|---|---|---|
| 08 52 16 00-1026 | EA | 47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 640.57 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.13* | |
| 08 52 16 00-1027 | EA | 71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 778.66 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *129.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-1028 | | 53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)* | | |
| 08 52 16 00-1029 | EA | 56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 728.39 | 61.41 |
| | | *For Tempered Clear Insulated Glass, Add* | *121.11* | |
| 08 52 16 00-1030 | EA | 59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 745.15 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *123.95* | |
| 08 52 16 00-1031 | | 56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)* | | |
| 08 52 16 00-1032 | EA | 35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 623.82 | 54.11 |
| | | *For Tempered Clear Insulated Glass, Add* | *103.29* | |
| 08 52 16 00-1033 | EA | 53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 728.39 | 61.41 |
| | | *For Tempered Clear Insulated Glass, Add* | *121.11* | |
| 08 52 16 00-1034 | | 59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)* | | |
| 08 52 16 00-1035 | EA | 35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 640.57 | 54.97 |
| | | *For Tempered Clear Insulated Glass, Add* | *106.13* | |
| 08 52 16 00-1036 | EA | 53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 745.15 | 62.70 |
| | | *For Tempered Clear Insulated Glass, Add* | *123.95* | |
| 08 52 16 00-1037 | EA | 59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 778.66 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *129.62* | |
| 08 52 16 00-1038 | EA | 65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 814.19 | 67.86 |
| | | *For Tempered Clear Insulated Glass, Add* | *135.70* | |
| 08 52 16 00-1039 | | 65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)* | | |
| 08 52 16 00-1040 | EA | 59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 814.19 | 67.86 |
| | | *For Tempered Clear Insulated Glass, Add* | *135.70* | |
| 08 52 16 00-1041 | | 71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)* | | |
| 08 52 16 00-1042 | EA | 47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) | 778.66 | 65.27 |
| | | *For Tempered Clear Insulated Glass, Add* | *129.62* | |
| 08 52 16 00-1043 | | Basement Wood Clad Windows *(08 52 16)* | | |
| | | Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation. | | |
| 08 52 16 00-1044 | | Basement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-1043)* | | |
| | | Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles. | | |
| 08 52 16 00-1045 | EA | 32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series) | 324.49 | 34.36 |
| 08 52 16 00-1046 | EA | 32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series) | 343.70 | 34.36 |
| 08 52 16 00-1047 | EA | 32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series) | 360.60 | 34.36 |
| 08 52 16 00-1048 | | Factory Installed Grilles For Wood Clad Windows *(08 52 16)* | | |
| 08 52 16 00-1049 | | Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)* | | |
| 08 52 16 00-1050 | EA | Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 49.98 | |
| 08 52 16 00-1051 | EA | >9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 73.65 | |
| 08 52 16 00-1052 | EA | >18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 99.95 | |
| 08 52 16 00-1053 | EA | >24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 126.25 | |
| 08 52 16 00-1054 | EA | >36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 178.86 | |
| 08 52 16 00-1055 | | Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)* | | |
| 08 52 16 00-1056 | EA | Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 79.96 | |
| 08 52 16 00-1057 | EA | >9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 117.84 | |
| 08 52 16 00-1058 | EA | >18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 159.92 | |
| 08 52 16 00-1059 | EA | >24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 202.01 | |
| 08 52 16 00-1060 | EA | >36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows | 286.18 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 52 16 00-1061 | | Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)* | | |
| 08 52 16 00-1062 | EA | Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows | 95.95 | |
| 08 52 16 00-1063 | EA | >9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows | 141.40 | |
| 08 52 16 00-1064 | EA | >18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows | 191.91 | |
| 08 52 16 00-1065 | EA | >24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows | 242.41 | |
| 08 52 16 00-1066 | EA | >36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows | 343.41 | |
| 08 52 16 00-1067 | | Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)* | | |
| 08 52 16 00-1068 | EA | Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows | 115.15 | |
| 08 52 16 00-1069 | EA | >9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows | 169.68 | |
| 08 52 16 00-1070 | EA | >18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows | 230.28 | |
| 08 52 16 00-1071 | EA | >24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows | 290.88 | |
| 08 52 16 00-1072 | EA | >36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows | 412.09 | |
| **08 52 66** | | **Wood Window Screens** *(08 52)* | | |
| 08 52 66 00-0001 | | Insect Screens For Wood Clad Windows *(08 52 66)* | | |
| 08 52 66 00-0002 | EA | Up To 6 SF, Insect Screen For Wood Clad Windows | 33.35 | 6.88 |
| 08 52 66 00-0003 | EA | >6 To 9 SF, Insect Screen For Wood Clad Windows | 38.94 | 6.88 |
| 08 52 66 00-0004 | EA | >9 To 12 SF, Insect Screen For Wood Clad Windows | 41.74 | 6.88 |
| 08 52 66 00-0005 | EA | >12 To 15 SF, Insect Screen For Wood Clad Windows | 47.34 | 6.88 |
| 08 52 66 00-0006 | EA | >15 To 20 SF, Insect Screen For Wood Clad Windows | 58.53 | 6.88 |
| 08 52 66 00-0007 | EA | >20 To 25 SF, Insect Screen For Wood Clad Windows | 64.13 | 6.88 |
| 08 52 66 00-0008 | EA | >25 To 30 SF, Insect Screen For Wood Clad Windows | 69.72 | 6.88 |
| 08 52 66 00-0009 | EA | >30 To 35 SF, Insect Screen For Wood Clad Windows | 75.32 | 6.88 |
| 08 52 66 00-0010 | SF | >35 SF, Insect Screen For Wood Clad Windows | 2.26 | 0.14 |
| 08 53 | | Plastic Windows *(08 50)* | | |
| **08 53 13** | | **Vinyl Windows** *(08 53)* | | |
| 08 53 13 00-0001 | | Single Hung Vinyl Windows *(08 53 13)* | | |
| 08 53 13 00-0002 | | New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0001)*<br>Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. | | |
| 08 53 13 00-0003 | | 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)* | | |
| 08 53 13 00-0004 | EA | 24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 193.69 | 39.51 |
| | | *For Colored Vinyl, Add* | *11.47* | |
| | | *For Tinted Glass, Add* | *13.76* | |
| | | *For Low-E Insulated Glass, Add* | *28.67* | |
| | | *For Obscure Glass, Add* | *31.53* | |
| 08 53 13 00-0005 | EA | 28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 203.52 | 41.23 |
| | | *For Colored Vinyl, Add* | *12.11* | |
| | | *For Tinted Glass, Add* | *14.53* | |
| | | *For Low-E Insulated Glass, Add* | *30.27* | |
| | | *For Obscure Glass, Add* | *33.29* | |
| 08 53 13 00-0006 | EA | 30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 207.70 | 42.09 |
| | | *For Colored Vinyl, Add* | *12.35* | |
| | | *For Tinted Glass, Add* | *14.82* | |
| | | *For Low-E Insulated Glass, Add* | *30.88* | |
| | | *For Obscure Glass, Add* | *33.97* | |
| 08 53 13 00-0007 | EA | 32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 212.21 | 42.94 |
| | | *For Colored Vinyl, Add* | *12.63* | |
| | | *For Tinted Glass, Add* | *15.16* | |
| | | *For Low-E Insulated Glass, Add* | *31.58* | |
| | | *For Obscure Glass, Add* | *34.74* | |
| 08 53 13 00-0008 | EA | 36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 223.47 | 44.66 |
| | | *For Colored Vinyl, Add* | *13.41* | |
| | | *For Tinted Glass, Add* | *16.10* | |
| | | *For Low-E Insulated Glass, Add* | *33.54* | |
| | | *For Obscure Glass, Add* | *36.89* | |
| 08 53 13 00-0009 | EA | 44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 242.15 | 48.10 |
| | | *For Colored Vinyl, Add* | *14.60* | |
| | | *For Tinted Glass, Add* | *17.51* | |
| | | *For Low-E Insulated Glass, Add* | *36.49* | |
| | | *For Obscure Glass, Add* | *40.14* | |
| 08 53 13 00-0010 | | 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0011 | EA | 24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 197.65 | 40.37 |
| | | *For Colored Vinyl, Add* | *11.69* | |
| | | *For Tinted Glass, Add* | *14.03* | |
| | | *For Low-E Insulated Glass, Add* | *29.23* | |
| | | *For Obscure Glass, Add* | *32.15* | |
| 08 53 13 00-0012 | EA | 28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 207.48 | 41.23 |
| | | *For Colored Vinyl, Add* | *12.33* | |
| | | *For Tinted Glass, Add* | *14.80* | |
| | | *For Low-E Insulated Glass, Add* | *30.83* | |
| | | *For Obscure Glass, Add* | *33.91* | |
| 08 53 13 00-0013 | EA | 30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 211.67 | 42.94 |
| | | *For Colored Vinyl, Add* | *12.58* | |
| | | *For Tinted Glass, Add* | *15.09* | |
| | | *For Low-E Insulated Glass, Add* | *31.45* | |
| | | *For Obscure Glass, Add* | *34.59* | |
| 08 53 13 00-0014 | EA | 32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 216.17 | 43.80 |
| | | *For Colored Vinyl, Add* | *12.86* | |
| | | *For Tinted Glass, Add* | *15.43* | |
| | | *For Low-E Insulated Glass, Add* | *32.14* | |
| | | *For Obscure Glass, Add* | *35.36* | |
| 08 53 13 00-0015 | EA | 36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 227.44 | 45.52 |
| | | *For Colored Vinyl, Add* | *13.64* | |
| | | *For Tinted Glass, Add* | *16.37* | |
| | | *For Low-E Insulated Glass, Add* | *34.10* | |
| | | *For Obscure Glass, Add* | *37.51* | |
| 08 53 13 00-0016 | EA | 44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 246.12 | 48.96 |
| | | *For Colored Vinyl, Add* | *14.82* | |
| | | *For Tinted Glass, Add* | *17.78* | |
| | | *For Low-E Insulated Glass, Add* | *37.05* | |
| | | *For Obscure Glass, Add* | *40.76* | |

### 08 53 13 00-0017 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0018 | EA | 24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 201.53 | 41.23 |
| | | *For Colored Vinyl, Add* | *11.91* | |
| | | *For Tinted Glass, Add* | *14.29* | |
| | | *For Low-E Insulated Glass, Add* | *29.77* | |
| | | *For Obscure Glass, Add* | *32.74* | |
| 08 53 13 00-0019 | EA | 28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 211.35 | 42.94 |
| | | *For Colored Vinyl, Add* | *12.55* | |
| | | *For Tinted Glass, Add* | *15.06* | |
| | | *For Low-E Insulated Glass, Add* | *31.37* | |
| | | *For Obscure Glass, Add* | *34.50* | |
| 08 53 13 00-0020 | EA | 30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 215.67 | 43.80 |
| | | *For Colored Vinyl, Add* | *12.81* | |
| | | *For Tinted Glass, Add* | *15.37* | |
| | | *For Low-E Insulated Glass, Add* | *32.02* | |
| | | *For Obscure Glass, Add* | *35.22* | |
| 08 53 13 00-0021 | EA | 32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 220.19 | 44.66 |
| | | *For Colored Vinyl, Add* | *13.09* | |
| | | *For Tinted Glass, Add* | *15.70* | |
| | | *For Low-E Insulated Glass, Add* | *32.72* | |
| | | *For Obscure Glass, Add* | *35.99* | |
| 08 53 13 00-0022 | EA | 36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 231.60 | 46.39 |
| | | *For Colored Vinyl, Add* | *13.88* | |
| | | *For Tinted Glass, Add* | *16.66* | |
| | | *For Low-E Insulated Glass, Add* | *34.71* | |
| | | *For Obscure Glass, Add* | *38.18* | |
| 08 53 13 00-0023 | EA | 44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 250.49 | 49.82 |
| | | *For Colored Vinyl, Add* | *15.09* | |
| | | *For Tinted Glass, Add* | *18.10* | |
| | | *For Low-E Insulated Glass, Add* | *37.72* | |
| | | *For Obscure Glass, Add* | *41.49* | |

### 08 53 13 00-0024 44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0025 | EA | 24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 213.29 | 43.80 |
| | | *For Colored Vinyl, Add* | *12.57* | |
| | | *For Tinted Glass, Add* | *15.08* | |
| | | *For Low-E Insulated Glass, Add* | *31.42* | |
| | | *For Obscure Glass, Add* | *34.56* | |
| 08 53 13 00-0026 | EA | 28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 223.13 | 45.52 |
| | | *For Colored Vinyl, Add* | *13.21* | |
| | | *For Tinted Glass, Add* | *15.85* | |
| | | *For Low-E Insulated Glass, Add* | *33.02* | |
| | | *For Obscure Glass, Add* | *36.32* | |
| 08 53 13 00-0027 | EA | 30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 227.92 | 46.39 |
| | | *For Colored Vinyl, Add* | *13.52* | |
| | | *For Tinted Glass, Add* | *16.22* | |
| | | *For Low-E Insulated Glass, Add* | *33.79* | |
| | | *For Obscure Glass, Add* | *37.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0028 | EA | 32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 232.43 | 47.24 |
| | | *For Colored Vinyl, Add* | *13.80* | |
| | | *For Tinted Glass, Add* | *16.55* | |
| | | *For Low-E Insulated Glass, Add* | *34.49* | |
| | | *For Obscure Glass, Add* | *37.94* | |
| 08 53 13 00-0029 | EA | 36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 244.32 | 48.96 |
| | | *For Colored Vinyl, Add* | *14.64* | |
| | | *For Tinted Glass, Add* | *17.57* | |
| | | *For Low-E Insulated Glass, Add* | *36.60* | |
| | | *For Obscure Glass, Add* | *40.26* | |
| 08 53 13 00-0030 | EA | 44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 263.81 | 52.39 |
| | | *For Colored Vinyl, Add* | *15.90* | |
| | | *For Tinted Glass, Add* | *19.08* | |
| | | *For Low-E Insulated Glass, Add* | *39.76* | |
| | | *For Obscure Glass, Add* | *43.73* | |

## 08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0032 | EA | 24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 217.27 | 44.66 |
| | | *For Colored Vinyl, Add* | *12.79* | |
| | | *For Tinted Glass, Add* | *15.35* | |
| | | *For Low-E Insulated Glass, Add* | *31.99* | |
| | | *For Obscure Glass, Add* | *35.18* | |
| 08 53 13 00-0033 | EA | 28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 227.09 | 46.39 |
| | | *For Colored Vinyl, Add* | *13.43* | |
| | | *For Tinted Glass, Add* | *16.12* | |
| | | *For Low-E Insulated Glass, Add* | *33.58* | |
| | | *For Obscure Glass, Add* | *36.94* | |
| 08 53 13 00-0034 | EA | 30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 232.04 | 47.24 |
| | | *For Colored Vinyl, Add* | *13.76* | |
| | | *For Tinted Glass, Add* | *16.51* | |
| | | *For Low-E Insulated Glass, Add* | *34.39* | |
| | | *For Obscure Glass, Add* | *37.83* | |
| 08 53 13 00-0035 | EA | 32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 236.55 | 48.10 |
| | | *For Colored Vinyl, Add* | *14.04* | |
| | | *For Tinted Glass, Add* | *16.84* | |
| | | *For Low-E Insulated Glass, Add* | *35.09* | |
| | | *For Obscure Glass, Add* | *38.60* | |
| 08 53 13 00-0036 | EA | 36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 248.57 | 49.82 |
| | | *For Colored Vinyl, Add* | *14.89* | |
| | | *For Tinted Glass, Add* | *17.87* | |
| | | *For Low-E Insulated Glass, Add* | *37.24* | |
| | | *For Obscure Glass, Add* | *40.96* | |
| 08 53 13 00-0037 | EA | 44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 268.27 | 53.25 |
| | | *For Colored Vinyl, Add* | *16.18* | |
| | | *For Tinted Glass, Add* | *19.41* | |
| | | *For Low-E Insulated Glass, Add* | *40.44* | |
| | | *For Obscure Glass, Add* | *44.49* | |

## 08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0039 | EA | 24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 221.28 | 45.52 |
| | | *For Colored Vinyl, Add* | *13.02* | |
| | | *For Tinted Glass, Add* | *15.63* | |
| | | *For Low-E Insulated Glass, Add* | *32.56* | |
| | | *For Obscure Glass, Add* | *35.81* | |
| 08 53 13 00-0040 | EA | 28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 231.10 | 47.24 |
| | | *For Colored Vinyl, Add* | *13.66* | |
| | | *For Tinted Glass, Add* | *16.39* | |
| | | *For Low-E Insulated Glass, Add* | *34.16* | |
| | | *For Obscure Glass, Add* | *37.57* | |
| 08 53 13 00-0041 | EA | 30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 236.19 | 48.10 |
| | | *For Colored Vinyl, Add* | *14.00* | |
| | | *For Tinted Glass, Add* | *16.80* | |
| | | *For Low-E Insulated Glass, Add* | *35.00* | |
| | | *For Obscure Glass, Add* | *38.50* | |
| 08 53 13 00-0042 | EA | 32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 240.70 | 48.96 |
| | | *For Colored Vinyl, Add* | *14.28* | |
| | | *For Tinted Glass, Add* | *17.13* | |
| | | *For Low-E Insulated Glass, Add* | *35.70* | |
| | | *For Obscure Glass, Add* | *39.26* | |
| 08 53 13 00-0043 | EA | 36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 252.88 | 50.67 |
| | | *For Colored Vinyl, Add* | *15.15* | |
| | | *For Tinted Glass, Add* | *18.18* | |
| | | *For Low-E Insulated Glass, Add* | *37.88* | |
| | | *For Obscure Glass, Add* | *41.67* | |
| 08 53 13 00-0044 | EA | 44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 272.78 | 54.11 |
| | | *For Colored Vinyl, Add* | *16.46* | |
| | | *For Tinted Glass, Add* | *19.75* | |
| | | *For Low-E Insulated Glass, Add* | *41.14* | |
| | | *For Obscure Glass, Add* | *45.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 53 13 00-0045** | | **50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)** *(08 53 13 00-0002)* | | |
| 08 53 13 00-0046 | EA | 24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 225.13 | 46.39 |
| | | *For Colored Vinyl, Add* | *13.24* | |
| | | *For Tinted Glass, Add* | *15.88* | |
| | | *For Low-E Insulated Glass, Add* | *33.09* | |
| | | *For Obscure Glass, Add* | *36.40* | |
| 08 53 13 00-0047 | EA | 28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 234.96 | 48.10 |
| | | *For Colored Vinyl, Add* | *13.88* | |
| | | *For Tinted Glass, Add* | *16.65* | |
| | | *For Low-E Insulated Glass, Add* | *34.69* | |
| | | *For Obscure Glass, Add* | *38.16* | |
| 08 53 13 00-0048 | EA | 30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 240.21 | 48.96 |
| | | *For Colored Vinyl, Add* | *14.23* | |
| | | *For Tinted Glass, Add* | *17.07* | |
| | | *For Low-E Insulated Glass, Add* | *35.57* | |
| | | *For Obscure Glass, Add* | *39.13* | |
| 08 53 13 00-0049 | EA | 32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 244.71 | 49.82 |
| | | *For Colored Vinyl, Add* | *14.51* | |
| | | *For Tinted Glass, Add* | *17.41* | |
| | | *For Low-E Insulated Glass, Add* | *36.27* | |
| | | *For Obscure Glass, Add* | *39.90* | |
| 08 53 13 00-0050 | EA | 36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 257.04 | 51.53 |
| | | *For Colored Vinyl, Add* | *15.40* | |
| | | *For Tinted Glass, Add* | *18.48* | |
| | | *For Low-E Insulated Glass, Add* | *38.50* | |
| | | *For Obscure Glass, Add* | *42.34* | |
| 08 53 13 00-0051 | EA | 44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 277.14 | 54.97 |
| | | *For Colored Vinyl, Add* | *16.72* | |
| | | *For Tinted Glass, Add* | *20.07* | |
| | | *For Low-E Insulated Glass, Add* | *41.80* | |
| | | *For Obscure Glass, Add* | *45.98* | |
| **08 53 13 00-0052** | | **52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)** *(08 53 13 00-0002)* | | |
| 08 53 13 00-0053 | EA | 24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 229.01 | 47.24 |
| | | *For Colored Vinyl, Add* | *13.45* | |
| | | *For Tinted Glass, Add* | *16.14* | |
| | | *For Low-E Insulated Glass, Add* | *33.63* | |
| | | *For Obscure Glass, Add* | *37.00* | |
| 08 53 13 00-0054 | EA | 28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 238.84 | 48.96 |
| | | *For Colored Vinyl, Add* | *14.09* | |
| | | *For Tinted Glass, Add* | *16.91* | |
| | | *For Low-E Insulated Glass, Add* | *35.23* | |
| | | *For Obscure Glass, Add* | *38.75* | |
| 08 53 13 00-0055 | EA | 30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 244.24 | 49.82 |
| | | *For Colored Vinyl, Add* | *14.46* | |
| | | *For Tinted Glass, Add* | *17.35* | |
| | | *For Low-E Insulated Glass, Add* | *36.15* | |
| | | *For Obscure Glass, Add* | *39.77* | |
| 08 53 13 00-0056 | EA | 32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 248.76 | 50.67 |
| | | *For Colored Vinyl, Add* | *14.74* | |
| | | *For Tinted Glass, Add* | *17.69* | |
| | | *For Low-E Insulated Glass, Add* | *36.85* | |
| | | *For Obscure Glass, Add* | *40.54* | |
| 08 53 13 00-0057 | EA | 36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 261.25 | 52.39 |
| | | *For Colored Vinyl, Add* | *15.65* | |
| | | *For Tinted Glass, Add* | *18.78* | |
| | | *For Low-E Insulated Glass, Add* | *39.12* | |
| | | *For Obscure Glass, Add* | *43.03* | |
| 08 53 13 00-0058 | EA | 44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 281.55 | 55.83 |
| | | *For Colored Vinyl, Add* | *16.99* | |
| | | *For Tinted Glass, Add* | *20.39* | |
| | | *For Low-E Insulated Glass, Add* | *42.47* | |
| | | *For Obscure Glass, Add* | *46.72* | |
| **08 53 13 00-0059** | | **54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)** *(08 53 13 00-0002)* | | |
| 08 53 13 00-0060 | EA | 24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 232.89 | 48.10 |
| | | *For Colored Vinyl, Add* | *13.67* | |
| | | *For Tinted Glass, Add* | *16.40* | |
| | | *For Low-E Insulated Glass, Add* | *34.17* | |
| | | *For Obscure Glass, Add* | *37.59* | |
| 08 53 13 00-0061 | EA | 28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 242.71 | 49.82 |
| | | *For Colored Vinyl, Add* | *14.31* | |
| | | *For Tinted Glass, Add* | *17.17* | |
| | | *For Low-E Insulated Glass, Add* | *35.77* | |
| | | *For Obscure Glass, Add* | *39.35* | |
| 08 53 13 00-0062 | EA | 30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 248.27 | 50.67 |
| | | *For Colored Vinyl, Add* | *14.69* | |
| | | *For Tinted Glass, Add* | *17.63* | |
| | | *For Low-E Insulated Glass, Add* | *36.73* | |
| | | *For Obscure Glass, Add* | *40.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0063 | EA | 32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 252.77 | 51.53 |
| | | *For Colored Vinyl, Add* | *14.97* | |
| | | *For Tinted Glass, Add* | *17.97* | |
| | | *For Low-E Insulated Glass, Add* | *37.43* | |
| | | *For Obscure Glass, Add* | *41.17* | |
| 08 53 13 00-0064 | EA | 36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 265.41 | 53.25 |
| | | *For Colored Vinyl, Add* | *15.89* | |
| | | *For Tinted Glass, Add* | *19.07* | |
| | | *For Low-E Insulated Glass, Add* | *39.73* | |
| | | *For Obscure Glass, Add* | *43.70* | |
| 08 53 13 00-0065 | EA | 44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 285.91 | 56.69 |
| | | *For Colored Vinyl, Add* | *17.25* | |
| | | *For Tinted Glass, Add* | *20.70* | |
| | | *For Low-E Insulated Glass, Add* | *43.14* | |
| | | *For Obscure Glass, Add* | *47.45* | |

## 08 53 13 00-0066 60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0067 | EA | 24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 244.79 | 50.67 |
| | | *For Colored Vinyl, Add* | *14.34* | |
| | | *For Tinted Glass, Add* | *17.21* | |
| | | *For Low-E Insulated Glass, Add* | *35.86* | |
| | | *For Obscure Glass, Add* | *39.45* | |
| 08 53 13 00-0068 | EA | 28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 254.63 | 52.39 |
| | | *For Colored Vinyl, Add* | *14.98* | |
| | | *For Tinted Glass, Add* | *17.98* | |
| | | *For Low-E Insulated Glass, Add* | *37.46* | |
| | | *For Obscure Glass, Add* | *41.21* | |
| 08 53 13 00-0069 | EA | 30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 260.60 | 53.25 |
| | | *For Colored Vinyl, Add* | *15.41* | |
| | | *For Tinted Glass, Add* | *18.49* | |
| | | *For Low-E Insulated Glass, Add* | *38.53* | |
| | | *For Obscure Glass, Add* | *42.38* | |
| 08 53 13 00-0070 | EA | 32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 265.11 | 54.11 |
| | | *For Colored Vinyl, Add* | *15.69* | |
| | | *For Tinted Glass, Add* | *18.83* | |
| | | *For Low-E Insulated Glass, Add* | *39.22* | |
| | | *For Obscure Glass, Add* | *43.14* | |
| 08 53 13 00-0071 | EA | 36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 278.22 | 55.83 |
| | | *For Colored Vinyl, Add* | *16.66* | |
| | | *For Tinted Glass, Add* | *19.99* | |
| | | *For Low-E Insulated Glass, Add* | *41.64* | |
| | | *For Obscure Glass, Add* | *45.80* | |
| 08 53 13 00-0072 | EA | 44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 299.33 | 59.26 |
| | | *For Colored Vinyl, Add* | *18.08* | |
| | | *For Tinted Glass, Add* | *21.70* | |
| | | *For Low-E Insulated Glass, Add* | *45.20* | |
| | | *For Obscure Glass, Add* | *49.72* | |

## 08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0074 | EA | 24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 248.66 | 51.53 |
| | | *For Colored Vinyl, Add* | *14.56* | |
| | | *For Tinted Glass, Add* | *17.47* | |
| | | *For Low-E Insulated Glass, Add* | *36.40* | |
| | | *For Obscure Glass, Add* | *40.04* | |
| 08 53 13 00-0075 | EA | 28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 258.50 | 53.25 |
| | | *For Colored Vinyl, Add* | *15.20* | |
| | | *For Tinted Glass, Add* | *18.24* | |
| | | *For Low-E Insulated Glass, Add* | *38.00* | |
| | | *For Obscure Glass, Add* | *41.80* | |
| 08 53 13 00-0076 | EA | 30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 264.66 | 54.11 |
| | | *For Colored Vinyl, Add* | *15.64* | |
| | | *For Tinted Glass, Add* | *18.77* | |
| | | *For Low-E Insulated Glass, Add* | *39.11* | |
| | | *For Obscure Glass, Add* | *43.02* | |
| 08 53 13 00-0077 | EA | 32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 269.16 | 54.97 |
| | | *For Colored Vinyl, Add* | *15.92* | |
| | | *For Tinted Glass, Add* | *19.11* | |
| | | *For Low-E Insulated Glass, Add* | *39.81* | |
| | | *For Obscure Glass, Add* | *43.79* | |
| 08 53 13 00-0078 | EA | 36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 282.42 | 56.69 |
| | | *For Colored Vinyl, Add* | *16.91* | |
| | | *For Tinted Glass, Add* | *20.29* | |
| | | *For Low-E Insulated Glass, Add* | *42.26* | |
| | | *For Obscure Glass, Add* | *46.49* | |
| 08 53 13 00-0079 | EA | 44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 303.75 | 60.12 |
| | | *For Colored Vinyl, Add* | *18.35* | |
| | | *For Tinted Glass, Add* | *22.02* | |
| | | *For Low-E Insulated Glass, Add* | *45.88* | |
| | | *For Obscure Glass, Add* | *50.46* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 08 53 13 00-0080 66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0081 | EA | 24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 256.53 | 53.25 |
| | | *For Colored Vinyl, Add* | *15.00* | |
| | | *For Tinted Glass, Add* | *18.00* | |
| | | *For Low-E Insulated Glass, Add* | *37.51* | |
| | | *For Obscure Glass, Add* | *41.26* | |
| 08 53 13 00-0082 | EA | 28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 266.36 | 54.97 |
| | | *For Colored Vinyl, Add* | *15.64* | |
| | | *For Tinted Glass, Add* | *18.77* | |
| | | *For Low-E Insulated Glass, Add* | *39.11* | |
| | | *For Obscure Glass, Add* | *43.02* | |
| 08 53 13 00-0083 | EA | 30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 272.82 | 55.83 |
| | | *For Colored Vinyl, Add* | *16.12* | |
| | | *For Tinted Glass, Add* | *19.34* | |
| | | *For Low-E Insulated Glass, Add* | *40.29* | |
| | | *For Obscure Glass, Add* | *44.32* | |
| 08 53 13 00-0084 | EA | 32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 277.32 | 56.69 |
| | | *For Colored Vinyl, Add* | *16.40* | |
| | | *For Tinted Glass, Add* | *19.67* | |
| | | *For Low-E Insulated Glass, Add* | *40.99* | |
| | | *For Obscure Glass, Add* | *45.09* | |
| 08 53 13 00-0085 | EA | 36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 290.90 | 58.40 |
| | | *For Colored Vinyl, Add* | *17.41* | |
| | | *For Tinted Glass, Add* | *20.89* | |
| | | *For Low-E Insulated Glass, Add* | *43.52* | |
| | | *For Obscure Glass, Add* | *47.87* | |
| 08 53 13 00-0086 | EA | 44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 312.60 | 61.84 |
| | | *For Colored Vinyl, Add* | *18.89* | |
| | | *For Tinted Glass, Add* | *22.67* | |
| | | *For Low-E Insulated Glass, Add* | *47.23* | |
| | | *For Obscure Glass, Add* | *51.95* | |

## 08 53 13 00-0087 72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0088 | EA | 24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 268.45 | 55.83 |
| | | *For Colored Vinyl, Add* | *15.68* | |
| | | *For Tinted Glass, Add* | *18.81* | |
| | | *For Low-E Insulated Glass, Add* | *39.20* | |
| | | *For Obscure Glass, Add* | *43.12* | |
| 08 53 13 00-0089 | EA | 28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 278.27 | 57.55 |
| | | *For Colored Vinyl, Add* | *16.32* | |
| | | *For Tinted Glass, Add* | *19.58* | |
| | | *For Low-E Insulated Glass, Add* | *40.80* | |
| | | *For Obscure Glass, Add* | *44.87* | |
| 08 53 13 00-0090 | EA | 30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 284.72 | 58.40 |
| | | *For Colored Vinyl, Add* | *16.79* | |
| | | *For Tinted Glass, Add* | *20.15* | |
| | | *For Low-E Insulated Glass, Add* | *41.98* | |
| | | *For Obscure Glass, Add* | *46.18* | |
| 08 53 13 00-0091 | EA | 32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 289.23 | 59.26 |
| | | *For Colored Vinyl, Add* | *17.07* | |
| | | *For Tinted Glass, Add* | *20.48* | |
| | | *For Low-E Insulated Glass, Add* | *42.68* | |
| | | *For Obscure Glass, Add* | *46.94* | |
| 08 53 13 00-0092 | EA | 36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 302.80 | 60.99 |
| | | *For Colored Vinyl, Add* | *18.08* | |
| | | *For Tinted Glass, Add* | *21.70* | |
| | | *For Low-E Insulated Glass, Add* | *45.21* | |
| | | *For Obscure Glass, Add* | *49.73* | |
| 08 53 13 00-0093 | EA | 44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) | 324.51 | 64.42 |
| | | *For Colored Vinyl, Add* | *19.57* | |
| | | *For Tinted Glass, Add* | *23.48* | |
| | | *For Low-E Insulated Glass, Add* | *48.92* | |
| | | *For Obscure Glass, Add* | *53.81* | |

## 08 53 13 00-0094 Replacement, Single Hung Vinyl Windows (Silver Line 2000) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0095 | EA | Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) | 274.20 | 45.09 |
| | | *For Colored Vinyl, Add* | *18.40* | |
| | | *For Tinted Glass, Add* | *22.08* | |
| | | *For Low-E Insulated Glass, Add* | *46.00* | |
| | | *For Obscure Glass, Add* | *50.60* | |
| 08 53 13 00-0096 | EA | >73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) | 300.51 | 49.38 |
| | | *For Colored Vinyl, Add* | *20.17* | |
| | | *For Tinted Glass, Add* | *24.21* | |
| | | *For Low-E Insulated Glass, Add* | *50.44* | |
| | | *For Obscure Glass, Add* | *55.48* | |
| 08 53 13 00-0097 | EA | >83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) | 325.04 | 53.68 |
| | | *For Colored Vinyl, Add* | *21.77* | |
| | | *For Tinted Glass, Add* | *26.12* | |
| | | *For Low-E Insulated Glass, Add* | *54.42* | |
| | | *For Obscure Glass, Add* | *59.86* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0098 | EA | >93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) | 343.26 | 57.98 |
| | | *For Colored Vinyl, Add* | *22.73* | |
| | | *For Tinted Glass, Add* | *27.28* | |
| | | *For Low-E Insulated Glass, Add* | *56.83* | |
| | | *For Obscure Glass, Add* | *62.51* | |
| 08 53 13 00-0099 | EA | >101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) | 362.19 | 62.27 |
| | | *For Colored Vinyl, Add* | *23.77* | |
| | | *For Tinted Glass, Add* | *28.52* | |
| | | *For Low-E Insulated Glass, Add* | *59.42* | |
| | | *For Obscure Glass, Add* | *65.36* | |
| 08 53 13 00-0100 | EA | >110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) | 392.40 | 66.57 |
| | | *For Colored Vinyl, Add* | *25.93* | |
| | | *For Tinted Glass, Add* | *31.11* | |
| | | *For Low-E Insulated Glass, Add* | *64.82* | |
| | | *For Obscure Glass, Add* | *71.30* | |
| 08 53 13 00-0101 | UI | >120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) | 3.28 | 0.55 |
| | | *For Colored Vinyl, Add* | *0.22* | |
| | | *For Tinted Glass, Add* | *0.26* | |
| | | *For Low-E Insulated Glass, Add* | *0.54* | |
| | | *For Obscure Glass, Add* | *0.59* | |

### 08 53 13 00-0102 Double Hung Vinyl Windows *(08 53 13)*

### 08 53 13 00-0103 New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

### 08 53 13 00-0104 34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0105 | EA | 24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 262.96 | 39.51 |
| | | *For Colored Vinyl, Add* | *18.39* | |
| | | *For Tinted Glass, Add* | *22.07* | |
| | | *For Low-E Insulated Glass, Add* | *45.99* | |
| | | *For Obscure Glass, Add* | *50.58* | |
| 08 53 13 00-0106 | EA | 28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 272.79 | 41.23 |
| | | *For Colored Vinyl, Add* | *19.03* | |
| | | *For Tinted Glass, Add* | *22.84* | |
| | | *For Low-E Insulated Glass, Add* | *47.58* | |
| | | *For Obscure Glass, Add* | *52.34* | |
| 08 53 13 00-0107 | EA | 30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 277.56 | 42.09 |
| | | *For Colored Vinyl, Add* | *19.34* | |
| | | *For Tinted Glass, Add* | *23.21* | |
| | | *For Low-E Insulated Glass, Add* | *48.35* | |
| | | *For Obscure Glass, Add* | *53.18* | |
| 08 53 13 00-0108 | EA | 32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 282.07 | 42.94 |
| | | *For Colored Vinyl, Add* | *19.62* | |
| | | *For Tinted Glass, Add* | *23.54* | |
| | | *For Low-E Insulated Glass, Add* | *49.05* | |
| | | *For Obscure Glass, Add* | *53.95* | |
| 08 53 13 00-0109 | EA | 36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 292.73 | 44.66 |
| | | *For Colored Vinyl, Add* | *20.34* | |
| | | *For Tinted Glass, Add* | *24.41* | |
| | | *For Low-E Insulated Glass, Add* | *50.85* | |
| | | *For Obscure Glass, Add* | *55.94* | |
| 08 53 13 00-0110 | EA | 44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 310.64 | 48.10 |
| | | *For Colored Vinyl, Add* | *21.44* | |
| | | *For Tinted Glass, Add* | *25.73* | |
| | | *For Low-E Insulated Glass, Add* | *53.61* | |
| | | *For Obscure Glass, Add* | *58.97* | |

### 08 53 13 00-0111 36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0112 | EA | 24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 266.92 | 40.37 |
| | | *For Colored Vinyl, Add* | *18.62* | |
| | | *For Tinted Glass, Add* | *22.34* | |
| | | *For Low-E Insulated Glass, Add* | *46.55* | |
| | | *For Obscure Glass, Add* | *51.20* | |
| 08 53 13 00-0113 | EA | 28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 276.75 | 42.09 |
| | | *For Colored Vinyl, Add* | *19.26* | |
| | | *For Tinted Glass, Add* | *23.11* | |
| | | *For Low-E Insulated Glass, Add* | *48.15* | |
| | | *For Obscure Glass, Add* | *52.96* | |
| 08 53 13 00-0114 | EA | 30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 281.53 | 42.94 |
| | | *For Colored Vinyl, Add* | *19.56* | |
| | | *For Tinted Glass, Add* | *23.48* | |
| | | *For Low-E Insulated Glass, Add* | *48.91* | |
| | | *For Obscure Glass, Add* | *53.80* | |
| 08 53 13 00-0115 | EA | 32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 286.03 | 43.80 |
| | | *For Colored Vinyl, Add* | *19.84* | |
| | | *For Tinted Glass, Add* | *23.81* | |
| | | *For Low-E Insulated Glass, Add* | *49.61* | |
| | | *For Obscure Glass, Add* | *54.57* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0116 | EA | 36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 296.70 | 45.52 |
| | | *For Colored Vinyl, Add* | *20.57* | |
| | | *For Tinted Glass, Add* | *24.68* | |
| | | *For Low-E Insulated Glass, Add* | *51.41* | |
| | | *For Obscure Glass, Add* | *56.55* | |
| 08 53 13 00-0117 | EA | 44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 314.61 | 48.96 |
| | | *For Colored Vinyl, Add* | *21.67* | |
| | | *For Tinted Glass, Add* | *26.00* | |
| | | *For Low-E Insulated Glass, Add* | *54.17* | |
| | | *For Obscure Glass, Add* | *59.59* | |

## 08 53 13 00-0118 38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0119 | EA | 24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 270.57 | 41.23 |
| | | *For Colored Vinyl, Add* | *18.81* | |
| | | *For Tinted Glass, Add* | *22.57* | |
| | | *For Low-E Insulated Glass, Add* | *47.03* | |
| | | *For Obscure Glass, Add* | *51.73* | |
| 08 53 13 00-0120 | EA | 28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 280.40 | 42.94 |
| | | *For Colored Vinyl, Add* | *19.45* | |
| | | *For Tinted Glass, Add* | *23.34* | |
| | | *For Low-E Insulated Glass, Add* | *48.63* | |
| | | *For Obscure Glass, Add* | *53.49* | |
| 08 53 13 00-0121 | EA | 30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 285.29 | 43.80 |
| | | *For Colored Vinyl, Add* | *19.77* | |
| | | *For Tinted Glass, Add* | *23.72* | |
| | | *For Low-E Insulated Glass, Add* | *49.42* | |
| | | *For Obscure Glass, Add* | *54.36* | |
| 08 53 13 00-0122 | EA | 32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 289.81 | 44.66 |
| | | *For Colored Vinyl, Add* | *20.05* | |
| | | *For Tinted Glass, Add* | *24.06* | |
| | | *For Low-E Insulated Glass, Add* | *50.12* | |
| | | *For Obscure Glass, Add* | *55.13* | |
| 08 53 13 00-0123 | EA | 36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 300.64 | 46.39 |
| | | *For Colored Vinyl, Add* | *20.79* | |
| | | *For Tinted Glass, Add* | *24.95* | |
| | | *For Low-E Insulated Glass, Add* | *51.97* | |
| | | *For Obscure Glass, Add* | *57.17* | |
| 08 53 13 00-0124 | EA | 44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 318.73 | 49.82 |
| | | *For Colored Vinyl, Add* | *21.91* | |
| | | *For Tinted Glass, Add* | *26.29* | |
| | | *For Low-E Insulated Glass, Add* | *54.78* | |
| | | *For Obscure Glass, Add* | *60.25* | |

## 08 53 13 00-0125 44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0126 | EA | 24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 282.72 | 43.80 |
| | | *For Colored Vinyl, Add* | *19.51* | |
| | | *For Tinted Glass, Add* | *23.41* | |
| | | *For Low-E Insulated Glass, Add* | *48.78* | |
| | | *For Obscure Glass, Add* | *53.66* | |
| 08 53 13 00-0127 | EA | 28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 292.56 | 45.52 |
| | | *For Colored Vinyl, Add* | *20.15* | |
| | | *For Tinted Glass, Add* | *24.18* | |
| | | *For Low-E Insulated Glass, Add* | *50.38* | |
| | | *For Obscure Glass, Add* | *55.42* | |
| 08 53 13 00-0128 | EA | 30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 296.72 | 46.39 |
| | | *For Colored Vinyl, Add* | *20.40* | |
| | | *For Tinted Glass, Add* | *24.48* | |
| | | *For Low-E Insulated Glass, Add* | *50.99* | |
| | | *For Obscure Glass, Add* | *56.09* | |
| 08 53 13 00-0129 | EA | 32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 301.23 | 47.24 |
| | | *For Colored Vinyl, Add* | *20.68* | |
| | | *For Tinted Glass, Add* | *24.81* | |
| | | *For Low-E Insulated Glass, Add* | *51.69* | |
| | | *For Obscure Glass, Add* | *56.86* | |
| 08 53 13 00-0130 | EA | 36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 312.47 | 48.96 |
| | | *For Colored Vinyl, Add* | *21.46* | |
| | | *For Tinted Glass, Add* | *25.75* | |
| | | *For Low-E Insulated Glass, Add* | *53.64* | |
| | | *For Obscure Glass, Add* | *59.00* | |
| 08 53 13 00-0131 | EA | 44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 331.45 | 52.39 |
| | | *For Colored Vinyl, Add* | *22.67* | |
| | | *For Tinted Glass, Add* | *27.20* | |
| | | *For Low-E Insulated Glass, Add* | *56.67* | |
| | | *For Obscure Glass, Add* | *62.33* | |

## 08 53 13 00-0132 46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0133 | EA | 24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 286.36 | 44.66 |
| | | *For Colored Vinyl, Add* | *19.70* | |
| | | *For Tinted Glass, Add* | *23.64* | |
| | | *For Low-E Insulated Glass, Add* | *49.26* | |
| | | *For Obscure Glass, Add* | *54.18* | |
| 08 53 13 00-0134 | EA | 28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 296.18 | 46.39 |
| | | *For Colored Vinyl, Add* | *20.34* | |
| | | *For Tinted Glass, Add* | *24.41* | |
| | | *For Low-E Insulated Glass, Add* | *50.86* | |
| | | *For Obscure Glass, Add* | *55.94* | |
| 08 53 13 00-0135 | EA | 30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 300.54 | 47.24 |
| | | *For Colored Vinyl, Add* | *20.61* | |
| | | *For Tinted Glass, Add* | *24.73* | |
| | | *For Low-E Insulated Glass, Add* | *51.52* | |
| | | *For Obscure Glass, Add* | *56.67* | |
| 08 53 13 00-0136 | EA | 32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 305.06 | 48.10 |
| | | *For Colored Vinyl, Add* | *20.89* | |
| | | *For Tinted Glass, Add* | *25.06* | |
| | | *For Low-E Insulated Glass, Add* | *52.22* | |
| | | *For Obscure Glass, Add* | *57.44* | |
| 08 53 13 00-0137 | EA | 36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 316.41 | 49.82 |
| | | *For Colored Vinyl, Add* | *21.68* | |
| | | *For Tinted Glass, Add* | *26.01* | |
| | | *For Low-E Insulated Glass, Add* | *54.20* | |
| | | *For Obscure Glass, Add* | *59.61* | |
| 08 53 13 00-0138 | EA | 44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 335.94 | 53.25 |
| | | *For Colored Vinyl, Add* | *22.94* | |
| | | *For Tinted Glass, Add* | *27.53* | |
| | | *For Low-E Insulated Glass, Add* | *57.36* | |
| | | *For Obscure Glass, Add* | *63.10* | |

## 08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0140 | EA | 24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 290.02 | 45.52 |
| | | *For Colored Vinyl, Add* | *19.90* | |
| | | *For Tinted Glass, Add* | *23.88* | |
| | | *For Low-E Insulated Glass, Add* | *49.74* | |
| | | *For Obscure Glass, Add* | *54.72* | |
| 08 53 13 00-0141 | EA | 28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 299.84 | 47.24 |
| | | *For Colored Vinyl, Add* | *20.54* | |
| | | *For Tinted Glass, Add* | *24.64* | |
| | | *For Low-E Insulated Glass, Add* | *51.34* | |
| | | *For Obscure Glass, Add* | *56.47* | |
| 08 53 13 00-0142 | EA | 30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 304.32 | 48.10 |
| | | *For Colored Vinyl, Add* | *20.81* | |
| | | *For Tinted Glass, Add* | *24.97* | |
| | | *For Low-E Insulated Glass, Add* | *52.03* | |
| | | *For Obscure Glass, Add* | *57.23* | |
| 08 53 13 00-0143 | EA | 32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 308.83 | 48.96 |
| | | *For Colored Vinyl, Add* | *21.09* | |
| | | *For Tinted Glass, Add* | *25.31* | |
| | | *For Low-E Insulated Glass, Add* | *52.73* | |
| | | *For Obscure Glass, Add* | *58.00* | |
| 08 53 13 00-0144 | EA | 36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 320.36 | 50.67 |
| | | *For Colored Vinyl, Add* | *21.90* | |
| | | *For Tinted Glass, Add* | *26.28* | |
| | | *For Low-E Insulated Glass, Add* | *54.75* | |
| | | *For Obscure Glass, Add* | *60.23* | |
| 08 53 13 00-0145 | EA | 44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 340.36 | 54.11 |
| | | *For Colored Vinyl, Add* | *23.21* | |
| | | *For Tinted Glass, Add* | *27.86* | |
| | | *For Low-E Insulated Glass, Add* | *58.04* | |
| | | *For Obscure Glass, Add* | *63.84* | |

## 08 53 13 00-0146 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0147 | EA | 24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 293.64 | 46.39 |
| | | *For Colored Vinyl, Add* | *20.09* | |
| | | *For Tinted Glass, Add* | *24.11* | |
| | | *For Low-E Insulated Glass, Add* | *50.22* | |
| | | *For Obscure Glass, Add* | *55.24* | |
| 08 53 13 00-0148 | EA | 28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 303.47 | 48.10 |
| | | *For Colored Vinyl, Add* | *20.73* | |
| | | *For Tinted Glass, Add* | *24.87* | |
| | | *For Low-E Insulated Glass, Add* | *51.82* | |
| | | *For Obscure Glass, Add* | *57.00* | |
| 08 53 13 00-0149 | EA | 30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 308.13 | 48.96 |
| | | *For Colored Vinyl, Add* | *21.02* | |
| | | *For Tinted Glass, Add* | *25.23* | |
| | | *For Low-E Insulated Glass, Add* | *52.55* | |
| | | *For Obscure Glass, Add* | *57.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0150 | EA | 32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 312.63 | 49.82 |
| | | *For Colored Vinyl, Add* | *21.30* | |
| | | *For Tinted Glass, Add* | *25.56* | |
| | | *For Low-E Insulated Glass, Add* | *53.25* | |
| | | *For Obscure Glass, Add* | *58.58* | |
| 08 53 13 00-0151 | EA | 36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 324.30 | 51.53 |
| | | *For Colored Vinyl, Add* | *22.12* | |
| | | *For Tinted Glass, Add* | *26.55* | |
| | | *For Low-E Insulated Glass, Add* | *55.31* | |
| | | *For Obscure Glass, Add* | *60.84* | |
| 08 53 13 00-0152 | EA | 44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 344.82 | 54.97 |
| | | *For Colored Vinyl, Add* | *23.49* | |
| | | *For Tinted Glass, Add* | *28.19* | |
| | | *For Low-E Insulated Glass, Add* | *58.72* | |
| | | *For Obscure Glass, Add* | *64.59* | |

### 08 53 13 00-0153 52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0154 | EA | 24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 297.29 | 47.24 |
| | | *For Colored Vinyl, Add* | *20.28* | |
| | | *For Tinted Glass, Add* | *24.34* | |
| | | *For Low-E Insulated Glass, Add* | *50.70* | |
| | | *For Obscure Glass, Add* | *55.77* | |
| 08 53 13 00-0155 | EA | 28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 307.12 | 48.96 |
| | | *For Colored Vinyl, Add* | *20.92* | |
| | | *For Tinted Glass, Add* | *25.10* | |
| | | *For Low-E Insulated Glass, Add* | *52.30* | |
| | | *For Obscure Glass, Add* | *57.53* | |
| 08 53 13 00-0156 | EA | 30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 311.89 | 49.82 |
| | | *For Colored Vinyl, Add* | *21.23* | |
| | | *For Tinted Glass, Add* | *25.47* | |
| | | *For Low-E Insulated Glass, Add* | *53.07* | |
| | | *For Obscure Glass, Add* | *58.37* | |
| 08 53 13 00-0157 | EA | 32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 316.40 | 50.67 |
| | | *For Colored Vinyl, Add* | *21.51* | |
| | | *For Tinted Glass, Add* | *25.81* | |
| | | *For Low-E Insulated Glass, Add* | *53.76* | |
| | | *For Obscure Glass, Add* | *59.14* | |
| 08 53 13 00-0158 | EA | 36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 328.57 | 52.39 |
| | | *For Colored Vinyl, Add* | *22.38* | |
| | | *For Tinted Glass, Add* | *26.85* | |
| | | *For Low-E Insulated Glass, Add* | *55.95* | |
| | | *For Obscure Glass, Add* | *61.54* | |
| 08 53 13 00-0159 | EA | 44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 349.23 | 55.83 |
| | | *For Colored Vinyl, Add* | *23.76* | |
| | | *For Tinted Glass, Add* | *28.51* | |
| | | *For Low-E Insulated Glass, Add* | *59.39* | |
| | | *For Obscure Glass, Add* | *65.33* | |

### 08 53 13 00-0160 54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0161 | EA | 24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 300.95 | 48.10 |
| | | *For Colored Vinyl, Add* | *20.48* | |
| | | *For Tinted Glass, Add* | *24.57* | |
| | | *For Low-E Insulated Glass, Add* | *51.19* | |
| | | *For Obscure Glass, Add* | *56.31* | |
| 08 53 13 00-0162 | EA | 28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 310.77 | 49.82 |
| | | *For Colored Vinyl, Add* | *21.11* | |
| | | *For Tinted Glass, Add* | *25.34* | |
| | | *For Low-E Insulated Glass, Add* | *52.79* | |
| | | *For Obscure Glass, Add* | *58.06* | |
| 08 53 13 00-0163 | EA | 30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 315.72 | 50.67 |
| | | *For Colored Vinyl, Add* | *21.44* | |
| | | *For Tinted Glass, Add* | *25.72* | |
| | | *For Low-E Insulated Glass, Add* | *53.59* | |
| | | *For Obscure Glass, Add* | *58.95* | |
| 08 53 13 00-0164 | EA | 32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 320.22 | 51.53 |
| | | *For Colored Vinyl, Add* | *21.72* | |
| | | *For Tinted Glass, Add* | *26.06* | |
| | | *For Low-E Insulated Glass, Add* | *54.29* | |
| | | *For Obscure Glass, Add* | *59.72* | |
| 08 53 13 00-0165 | EA | 36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 332.82 | 53.25 |
| | | *For Colored Vinyl, Add* | *22.63* | |
| | | *For Tinted Glass, Add* | *27.16* | |
| | | *For Low-E Insulated Glass, Add* | *56.58* | |
| | | *For Obscure Glass, Add* | *62.24* | |
| 08 53 13 00-0166 | EA | 44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 353.64 | 56.69 |
| | | *For Colored Vinyl, Add* | *24.03* | |
| | | *For Tinted Glass, Add* | *28.83* | |
| | | *For Low-E Insulated Glass, Add* | *60.07* | |
| | | *For Obscure Glass, Add* | *66.07* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0167 | | 60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)* | | |
| 08 53 13 00-0168 | EA | 24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 311.92 | 50.67 |
| | | *For Colored Vinyl, Add* | *21.06* | |
| | | *For Tinted Glass, Add* | *25.27* | |
| | | *For Low-E Insulated Glass, Add* | *52.64* | |
| | | *For Obscure Glass, Add* | *57.91* | |
| 08 53 13 00-0169 | EA | 28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 321.75 | 52.39 |
| | | *For Colored Vinyl, Add* | *21.70* | |
| | | *For Tinted Glass, Add* | *26.04* | |
| | | *For Low-E Insulated Glass, Add* | *54.24* | |
| | | *For Obscure Glass, Add* | *59.66* | |
| 08 53 13 00-0170 | EA | 30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 327.74 | 53.25 |
| | | *For Colored Vinyl, Add* | *22.12* | |
| | | *For Tinted Glass, Add* | *26.55* | |
| | | *For Low-E Insulated Glass, Add* | *55.31* | |
| | | *For Obscure Glass, Add* | *60.84* | |
| 08 53 13 00-0171 | EA | 32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 332.25 | 54.11 |
| | | *For Colored Vinyl, Add* | *22.40* | |
| | | *For Tinted Glass, Add* | *26.88* | |
| | | *For Low-E Insulated Glass, Add* | *56.01* | |
| | | *For Obscure Glass, Add* | *61.61* | |
| 08 53 13 00-0172 | EA | 36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 345.54 | 55.83 |
| | | *For Colored Vinyl, Add* | *23.39* | |
| | | *For Tinted Glass, Add* | *28.07* | |
| | | *For Low-E Insulated Glass, Add* | *58.47* | |
| | | *For Obscure Glass, Add* | *64.32* | |
| 08 53 13 00-0173 | EA | 44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 366.94 | 59.26 |
| | | *For Colored Vinyl, Add* | *24.84* | |
| | | *For Tinted Glass, Add* | *29.81* | |
| | | *For Low-E Insulated Glass, Add* | *62.10* | |
| | | *For Obscure Glass, Add* | *68.31* | |
| 08 53 13 00-0174 | | 62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)* | | |
| 08 53 13 00-0175 | EA | 24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 315.55 | 51.53 |
| | | *For Colored Vinyl, Add* | *21.25* | |
| | | *For Tinted Glass, Add* | *25.50* | |
| | | *For Low-E Insulated Glass, Add* | *53.12* | |
| | | *For Obscure Glass, Add* | *58.43* | |
| 08 53 13 00-0176 | EA | 28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 325.38 | 53.25 |
| | | *For Colored Vinyl, Add* | *21.89* | |
| | | *For Tinted Glass, Add* | *26.27* | |
| | | *For Low-E Insulated Glass, Add* | *54.72* | |
| | | *For Obscure Glass, Add* | *60.19* | |
| 08 53 13 00-0177 | EA | 30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 331.82 | 54.11 |
| | | *For Colored Vinyl, Add* | *22.36* | |
| | | *For Tinted Glass, Add* | *26.83* | |
| | | *For Low-E Insulated Glass, Add* | *55.90* | |
| | | *For Obscure Glass, Add* | *61.49* | |
| 08 53 13 00-0178 | EA | 32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 336.32 | 54.97 |
| | | *For Colored Vinyl, Add* | *22.64* | |
| | | *For Tinted Glass, Add* | *27.17* | |
| | | *For Low-E Insulated Glass, Add* | *56.60* | |
| | | *For Obscure Glass, Add* | *62.26* | |
| 08 53 13 00-0179 | EA | 36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 349.75 | 56.69 |
| | | *For Colored Vinyl, Add* | *23.64* | |
| | | *For Tinted Glass, Add* | *28.37* | |
| | | *For Low-E Insulated Glass, Add* | *59.10* | |
| | | *For Obscure Glass, Add* | *65.00* | |
| 08 53 13 00-0180 | EA | 44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 371.72 | 60.12 |
| | | *For Colored Vinyl, Add* | *25.15* | |
| | | *For Tinted Glass, Add* | *30.18* | |
| | | *For Low-E Insulated Glass, Add* | *62.87* | |
| | | *For Obscure Glass, Add* | *69.15* | |
| 08 53 13 00-0181 | | 66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)* | | |
| 08 53 13 00-0182 | EA | 24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 323.49 | 53.25 |
| | | *For Colored Vinyl, Add* | *21.70* | |
| | | *For Tinted Glass, Add* | *26.04* | |
| | | *For Low-E Insulated Glass, Add* | *54.25* | |
| | | *For Obscure Glass, Add* | *59.67* | |
| 08 53 13 00-0183 | EA | 28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 333.32 | 54.97 |
| | | *For Colored Vinyl, Add* | *22.34* | |
| | | *For Tinted Glass, Add* | *26.81* | |
| | | *For Low-E Insulated Glass, Add* | *55.85* | |
| | | *For Obscure Glass, Add* | *61.43* | |
| 08 53 13 00-0184 | EA | 30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 340.00 | 55.83 |
| | | *For Colored Vinyl, Add* | *22.83* | |
| | | *For Tinted Glass, Add* | *27.40* | |
| | | *For Low-E Insulated Glass, Add* | *57.09* | |
| | | *For Obscure Glass, Add* | *62.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0185 | EA | 32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 344.50 | 56.69 |
| | | *For Colored Vinyl, Add* | *23.11* | |
| | | *For Tinted Glass, Add* | *27.74* | |
| | | *For Low-E Insulated Glass, Add* | *57.78* | |
| | | *For Obscure Glass, Add* | *63.56* | |
| 08 53 13 00-0186 | EA | 36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 358.27 | 58.40 |
| | | *For Colored Vinyl, Add* | *24.15* | |
| | | *For Tinted Glass, Add* | *28.98* | |
| | | *For Low-E Insulated Glass, Add* | *60.37* | |
| | | *For Obscure Glass, Add* | *66.40* | |
| 08 53 13 00-0187 | EA | 44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 380.99 | 61.84 |
| | | *For Colored Vinyl, Add* | *25.73* | |
| | | *For Tinted Glass, Add* | *30.88* | |
| | | *For Low-E Insulated Glass, Add* | *64.33* | |
| | | *For Obscure Glass, Add* | *70.76* | |

### 08 53 13 00-0188 72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0189 | EA | 24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 335.41 | 55.83 |
| | | *For Colored Vinyl, Add* | *22.38* | |
| | | *For Tinted Glass, Add* | *26.85* | |
| | | *For Low-E Insulated Glass, Add* | *55.94* | |
| | | *For Obscure Glass, Add* | *61.53* | |
| 08 53 13 00-0190 | EA | 28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 345.23 | 57.55 |
| | | *For Colored Vinyl, Add* | *23.01* | |
| | | *For Tinted Glass, Add* | *27.62* | |
| | | *For Low-E Insulated Glass, Add* | *57.54* | |
| | | *For Obscure Glass, Add* | *63.29* | |
| 08 53 13 00-0191 | EA | 30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 351.90 | 58.40 |
| | | *For Colored Vinyl, Add* | *23.51* | |
| | | *For Tinted Glass, Add* | *28.21* | |
| | | *For Low-E Insulated Glass, Add* | *58.77* | |
| | | *For Obscure Glass, Add* | *64.65* | |
| 08 53 13 00-0192 | EA | 32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 356.41 | 59.26 |
| | | *For Colored Vinyl, Add* | *23.79* | |
| | | *For Tinted Glass, Add* | *28.55* | |
| | | *For Low-E Insulated Glass, Add* | *59.47* | |
| | | *For Obscure Glass, Add* | *65.42* | |
| 08 53 13 00-0193 | EA | 36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 370.17 | 60.99 |
| | | *For Colored Vinyl, Add* | *24.82* | |
| | | *For Tinted Glass, Add* | *29.79* | |
| | | *For Low-E Insulated Glass, Add* | *62.05* | |
| | | *For Obscure Glass, Add* | *68.26* | |
| 08 53 13 00-0194 | EA | 44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900) | 392.89 | 64.42 |
| | | *For Colored Vinyl, Add* | *26.41* | |
| | | *For Tinted Glass, Add* | *31.69* | |
| | | *For Low-E Insulated Glass, Add* | *66.02* | |
| | | *For Obscure Glass, Add* | *72.62* | |

### 08 53 13 00-0195 Replacement, Double Hung Vinyl Windows (Silver Line 8500) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0196 | EA | Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500) | 320.20 | 45.09 |
| | | *For Colored Vinyl, Add* | *23.00* | |
| | | *For Tinted Glass, Add* | *27.60* | |
| | | *For Low-E Insulated Glass, Add* | *57.50* | |
| | | *For Obscure Glass, Add* | *63.25* | |
| 08 53 13 00-0197 | EA | >73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500) | 352.82 | 49.38 |
| | | *For Colored Vinyl, Add* | *25.41* | |
| | | *For Tinted Glass, Add* | *30.49* | |
| | | *For Low-E Insulated Glass, Add* | *63.51* | |
| | | *For Obscure Glass, Add* | *69.86* | |
| 08 53 13 00-0198 | EA | >83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500) | 383.64 | 53.68 |
| | | *For Colored Vinyl, Add* | *27.63* | |
| | | *For Tinted Glass, Add* | *33.15* | |
| | | *For Low-E Insulated Glass, Add* | *69.07* | |
| | | *For Obscure Glass, Add* | *75.98* | |
| 08 53 13 00-0199 | EA | >93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500) | 406.91 | 57.98 |
| | | *For Colored Vinyl, Add* | *29.10* | |
| | | *For Tinted Glass, Add* | *34.92* | |
| | | *For Low-E Insulated Glass, Add* | *72.74* | |
| | | *For Obscure Glass, Add* | *80.01* | |
| 08 53 13 00-0200 | EA | >101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500) | 431.51 | 62.27 |
| | | *For Colored Vinyl, Add* | *30.70* | |
| | | *For Tinted Glass, Add* | *36.84* | |
| | | *For Low-E Insulated Glass, Add* | *76.75* | |
| | | *For Obscure Glass, Add* | *84.42* | |
| 08 53 13 00-0201 | EA | >110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500) | 468.02 | 66.57 |
| | | *For Colored Vinyl, Add* | *33.49* | |
| | | *For Tinted Glass, Add* | *40.19* | |
| | | *For Low-E Insulated Glass, Add* | *83.72* | |
| | | *For Obscure Glass, Add* | *92.09* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0202 | UI | >120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500) | 3.91 | 0.55 |
| | | *For Colored Vinyl, Add* | *0.28* | |
| | | *For Tinted Glass, Add* | *0.33* | |
| | | *For Low-E Insulated Glass, Add* | *0.70* | |
| | | *For Obscure Glass, Add* | *0.77* | |

### 08 53 13 00-0203 Casement Vinyl Windows *(08 53 13)*

### 08 53 13 00-0204 New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

### 08 53 13 00-0205 One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

### 08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0207 | EA | 17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 237.73 | 32.64 |
| | | *For Colored Vinyl, Add* | *17.33* | |
| | | *For Tinted Glass, Add* | *20.80* | |
| | | *For Low-E Insulated Glass, Add* | *43.33* | |
| | | *For Obscure Glass, Add* | *47.66* | |
| 08 53 13 00-0208 | EA | 20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 246.16 | 33.50 |
| | | *For Colored Vinyl, Add* | *17.92* | |
| | | *For Tinted Glass, Add* | *21.50* | |
| | | *For Low-E Insulated Glass, Add* | *44.79* | |
| | | *For Obscure Glass, Add* | *49.27* | |
| 08 53 13 00-0209 | EA | 24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 255.45 | 35.22 |
| | | *For Colored Vinyl, Add* | *18.50* | |
| | | *For Tinted Glass, Add* | *22.20* | |
| | | *For Low-E Insulated Glass, Add* | *46.26* | |
| | | *For Obscure Glass, Add* | *50.88* | |
| 08 53 13 00-0210 | EA | 28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 271.17 | 36.93 |
| | | *For Colored Vinyl, Add* | *19.73* | |
| | | *For Tinted Glass, Add* | *23.68* | |
| | | *For Low-E Insulated Glass, Add* | *49.33* | |
| | | *For Obscure Glass, Add* | *54.26* | |

### 08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0212 | EA | 17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 252.07 | 34.36 |
| | | *For Colored Vinyl, Add* | *18.42* | |
| | | *For Tinted Glass, Add* | *22.11* | |
| | | *For Low-E Insulated Glass, Add* | *46.05* | |
| | | *For Obscure Glass, Add* | *50.66* | |
| 08 53 13 00-0213 | EA | 20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 261.15 | 35.22 |
| | | *For Colored Vinyl, Add* | *19.07* | |
| | | *For Tinted Glass, Add* | *22.89* | |
| | | *For Low-E Insulated Glass, Add* | *47.68* | |
| | | *For Obscure Glass, Add* | *52.45* | |
| 08 53 13 00-0214 | EA | 24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 271.08 | 36.93 |
| | | *For Colored Vinyl, Add* | *19.72* | |
| | | *For Tinted Glass, Add* | *23.67* | |
| | | *For Low-E Insulated Glass, Add* | *49.31* | |
| | | *For Obscure Glass, Add* | *54.24* | |
| 08 53 13 00-0215 | EA | 28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 287.61 | 38.65 |
| | | *For Colored Vinyl, Add* | *21.03* | |
| | | *For Tinted Glass, Add* | *25.24* | |
| | | *For Low-E Insulated Glass, Add* | *52.58* | |
| | | *For Obscure Glass, Add* | *57.84* | |

### 08 53 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0217 | EA | 17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 269.77 | 36.93 |
| | | *For Colored Vinyl, Add* | *19.59* | |
| | | *For Tinted Glass, Add* | *23.51* | |
| | | *For Low-E Insulated Glass, Add* | *48.98* | |
| | | *For Obscure Glass, Add* | *53.88* | |
| 08 53 13 00-0218 | EA | 20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 279.19 | 38.65 |
| | | *For Colored Vinyl, Add* | *20.28* | |
| | | *For Tinted Glass, Add* | *24.33* | |
| | | *For Low-E Insulated Glass, Add* | *50.69* | |
| | | *For Obscure Glass, Add* | *55.76* | |
| 08 53 13 00-0219 | EA | 24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 289.49 | 39.94 |
| | | *For Colored Vinyl, Add* | *20.96* | |
| | | *For Tinted Glass, Add* | *25.15* | |
| | | *For Low-E Insulated Glass, Add* | *52.40* | |
| | | *For Obscure Glass, Add* | *57.64* | |
| 08 53 13 00-0220 | EA | 28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 306.65 | 41.65 |
| | | *For Colored Vinyl, Add* | *22.33* | |
| | | *For Tinted Glass, Add* | *26.80* | |
| | | *For Low-E Insulated Glass, Add* | *55.83* | |
| | | *For Obscure Glass, Add* | *61.42* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0221 | | 40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)* | | |
| 08 53 13 00-0222 | EA | 17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 285.36 | 39.51 |
| | | *For Colored Vinyl, Add* | *20.72* | |
| | | *For Tinted Glass, Add* | *24.86* | |
| | | *For Low-E Insulated Glass, Add* | *51.80* | |
| | | *For Obscure Glass, Add* | *56.98* | |
| 08 53 13 00-0223 | EA | 20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 295.24 | 40.37 |
| | | *For Colored Vinyl, Add* | *21.45* | |
| | | *For Tinted Glass, Add* | *25.74* | |
| | | *For Low-E Insulated Glass, Add* | *53.63* | |
| | | *For Obscure Glass, Add* | *58.99* | |
| 08 53 13 00-0224 | EA | 24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 305.99 | 42.09 |
| | | *For Colored Vinyl, Add* | *22.18* | |
| | | *For Tinted Glass, Add* | *26.62* | |
| | | *For Low-E Insulated Glass, Add* | *55.46* | |
| | | *For Obscure Glass, Add* | *61.00* | |
| 08 53 13 00-0225 | EA | 28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 324.44 | 43.80 |
| | | *For Colored Vinyl, Add* | *23.68* | |
| | | *For Tinted Glass, Add* | *28.42* | |
| | | *For Low-E Insulated Glass, Add* | *59.21* | |
| | | *For Obscure Glass, Add* | *65.13* | |
| 08 53 13 00-0226 | | 48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)* | | |
| 08 53 13 00-0227 | EA | 17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 303.63 | 42.94 |
| | | *For Colored Vinyl, Add* | *21.86* | |
| | | *For Tinted Glass, Add* | *26.23* | |
| | | *For Low-E Insulated Glass, Add* | *54.65* | |
| | | *For Obscure Glass, Add* | *60.12* | |
| 08 53 13 00-0228 | EA | 20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 313.90 | 43.80 |
| | | *For Colored Vinyl, Add* | *22.63* | |
| | | *For Tinted Glass, Add* | *27.16* | |
| | | *For Low-E Insulated Glass, Add* | *56.58* | |
| | | *For Obscure Glass, Add* | *62.23* | |
| 08 53 13 00-0229 | EA | 24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 325.08 | 45.52 |
| | | *For Colored Vinyl, Add* | *23.40* | |
| | | *For Tinted Glass, Add* | *28.08* | |
| | | *For Low-E Insulated Glass, Add* | *58.51* | |
| | | *For Obscure Glass, Add* | *64.36* | |
| 08 53 13 00-0230 | EA | 28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 345.23 | 47.24 |
| | | *For Colored Vinyl, Add* | *25.08* | |
| | | *For Tinted Glass, Add* | *30.09* | |
| | | *For Low-E Insulated Glass, Add* | *62.69* | |
| | | *For Obscure Glass, Add* | *68.96* | |
| 08 53 13 00-0231 | | 52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)* | | |
| 08 53 13 00-0232 | EA | 17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 318.40 | 44.66 |
| | | *For Colored Vinyl, Add* | *22.99* | |
| | | *For Tinted Glass, Add* | *27.59* | |
| | | *For Low-E Insulated Glass, Add* | *57.49* | |
| | | *For Obscure Glass, Add* | *63.23* | |
| 08 53 13 00-0233 | EA | 20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 329.24 | 45.52 |
| | | *For Colored Vinyl, Add* | *23.82* | |
| | | *For Tinted Glass, Add* | *28.58* | |
| | | *For Low-E Insulated Glass, Add* | *59.55* | |
| | | *For Obscure Glass, Add* | *65.50* | |
| 08 53 13 00-0234 | EA | 24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 340.89 | 47.24 |
| | | *For Colored Vinyl, Add* | *24.64* | |
| | | *For Tinted Glass, Add* | *29.57* | |
| | | *For Low-E Insulated Glass, Add* | *61.60* | |
| | | *For Obscure Glass, Add* | *67.76* | |
| 08 53 13 00-0235 | EA | 28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 361.38 | 48.96 |
| | | *For Colored Vinyl, Add* | *26.35* | |
| | | *For Tinted Glass, Add* | *31.62* | |
| | | *For Low-E Insulated Glass, Add* | *65.87* | |
| | | *For Obscure Glass, Add* | *72.45* | |
| 08 53 13 00-0236 | | 60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)* | | |
| 08 53 13 00-0237 | EA | 17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 335.76 | 47.24 |
| | | *For Colored Vinyl, Add* | *24.13* | |
| | | *For Tinted Glass, Add* | *28.95* | |
| | | *For Low-E Insulated Glass, Add* | *60.32* | |
| | | *For Obscure Glass, Add* | *66.35* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0238 | EA | 20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 347.11 | 48.96 |
| | | *For Colored Vinyl, Add* | *25.01* | |
| | | *For Tinted Glass, Add* | *30.01* | |
| | | *For Low-E Insulated Glass, Add* | *62.51* | |
| | | *For Obscure Glass, Add* | *68.76* | |
| 08 53 13 00-0239 | EA | 24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 359.31 | 50.25 |
| | | *For Colored Vinyl, Add* | *25.88* | |
| | | *For Tinted Glass, Add* | *31.06* | |
| | | *For Low-E Insulated Glass, Add* | *64.71* | |
| | | *For Obscure Glass, Add* | *71.18* | |
| 08 53 13 00-0240 | EA | 28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 380.11 | 51.97 |
| | | *For Colored Vinyl, Add* | *27.62* | |
| | | *For Tinted Glass, Add* | *33.14* | |
| | | *For Low-E Insulated Glass, Add* | *69.05* | |
| | | *For Obscure Glass, Add* | *75.95* | |

### 08 53 13 00-0241 64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0242 | EA | 17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 351.13 | 49.82 |
| | | *For Colored Vinyl, Add* | *25.24* | |
| | | *For Tinted Glass, Add* | *30.28* | |
| | | *For Low-E Insulated Glass, Add* | *63.09* | |
| | | *For Obscure Glass, Add* | *69.40* | |
| 08 53 13 00-0243 | EA | 20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 362.74 | 50.67 |
| | | *For Colored Vinyl, Add* | *26.14* | |
| | | *For Tinted Glass, Add* | *31.37* | |
| | | *For Low-E Insulated Glass, Add* | *65.35* | |
| | | *For Obscure Glass, Add* | *71.88* | |
| 08 53 13 00-0244 | EA | 24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 375.67 | 52.39 |
| | | *For Colored Vinyl, Add* | *27.09* | |
| | | *For Tinted Glass, Add* | *32.51* | |
| | | *For Low-E Insulated Glass, Add* | *67.72* | |
| | | *For Obscure Glass, Add* | *74.49* | |
| 08 53 13 00-0245 | EA | 28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 396.01 | 54.11 |
| | | *For Colored Vinyl, Add* | *28.78* | |
| | | *For Tinted Glass, Add* | *34.53* | |
| | | *For Low-E Insulated Glass, Add* | *71.95* | |
| | | *For Obscure Glass, Add* | *79.14* | |

### 08 53 13 00-0246 72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0247 | EA | 17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 370.23 | 52.39 |
| | | *For Colored Vinyl, Add* | *26.54* | |
| | | *For Tinted Glass, Add* | *31.85* | |
| | | *For Low-E Insulated Glass, Add* | *66.36* | |
| | | *For Obscure Glass, Add* | *73.00* | |
| 08 53 13 00-0248 | EA | 20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 382.40 | 54.11 |
| | | *For Colored Vinyl, Add* | *27.50* | |
| | | *For Tinted Glass, Add* | *33.00* | |
| | | *For Low-E Insulated Glass, Add* | *68.76* | |
| | | *For Obscure Glass, Add* | *75.64* | |
| 08 53 13 00-0249 | EA | 24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 394.83 | 55.40 |
| | | *For Colored Vinyl, Add* | *28.40* | |
| | | *For Tinted Glass, Add* | *34.08* | |
| | | *For Low-E Insulated Glass, Add* | *71.01* | |
| | | *For Obscure Glass, Add* | *78.11* | |
| 08 53 13 00-0250 | EA | 28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) | 414.93 | 57.12 |
| | | *For Colored Vinyl, Add* | *30.07* | |
| | | *For Tinted Glass, Add* | *36.08* | |
| | | *For Low-E Insulated Glass, Add* | *75.18* | |
| | | *For Obscure Glass, Add* | *82.69* | |

### 08 53 13 00-0251 Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

### 08 53 13 00-0252 36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0253 | EA | 33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 463.88 | 43.80 |
| | | *For Colored Vinyl, Add* | *37.63* | |
| | | *For Tinted Glass, Add* | *45.15* | |
| | | *For Low-E Insulated Glass, Add* | *94.07* | |
| | | *For Obscure Glass, Add* | *103.48* | |
| 08 53 13 00-0254 | EA | 40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 481.71 | 47.24 |
| | | *For Colored Vinyl, Add* | *38.81* | |
| | | *For Tinted Glass, Add* | *46.57* | |
| | | *For Low-E Insulated Glass, Add* | *97.02* | |
| | | *For Obscure Glass, Add* | *106.72* | |
| 08 53 13 00-0255 | EA | 48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 500.41 | 50.67 |
| | | *For Colored Vinyl, Add* | *39.99* | |
| | | *For Tinted Glass, Add* | *47.99* | |
| | | *For Low-E Insulated Glass, Add* | *99.98* | |
| | | *For Obscure Glass, Add* | *109.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0256 | EA | 56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 521.31 | 53.68 |
| | | *For Colored Vinyl, Add* | *41.40* | |
| | | *For Tinted Glass, Add* | *49.67* | |
| | | *For Low-E Insulated Glass, Add* | *103.49* | |
| | | *For Obscure Glass, Add* | *113.84* | |
| 08 53 13 00-0257 | | 40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)* | | |
| 08 53 13 00-0258 | EA | 33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 490.94 | 45.95 |
| | | *For Colored Vinyl, Add* | *39.90* | |
| | | *For Tinted Glass, Add* | *47.88* | |
| | | *For Low-E Insulated Glass, Add* | *99.76* | |
| | | *For Obscure Glass, Add* | *109.74* | |
| 08 53 13 00-0259 | EA | 40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 509.74 | 48.96 |
| | | *For Colored Vinyl, Add* | *41.18* | |
| | | *For Tinted Glass, Add* | *49.42* | |
| | | *For Low-E Insulated Glass, Add* | *102.96* | |
| | | *For Obscure Glass, Add* | *113.25* | |
| 08 53 13 00-0260 | EA | 48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 529.42 | 52.39 |
| | | *For Colored Vinyl, Add* | *42.46* | |
| | | *For Tinted Glass, Add* | *50.96* | |
| | | *For Low-E Insulated Glass, Add* | *106.16* | |
| | | *For Obscure Glass, Add* | *116.77* | |
| 08 53 13 00-0261 | EA | 56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 549.72 | 55.83 |
| | | *For Colored Vinyl, Add* | *43.81* | |
| | | *For Tinted Glass, Add* | *52.57* | |
| | | *For Low-E Insulated Glass, Add* | *109.52* | |
| | | *For Obscure Glass, Add* | *120.47* | |
| 08 53 13 00-0262 | | 48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)* | | |
| 08 53 13 00-0263 | EA | 33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 521.02 | 49.38 |
| | | *For Colored Vinyl, Add* | *42.23* | |
| | | *For Tinted Glass, Add* | *50.67* | |
| | | *For Low-E Insulated Glass, Add* | *105.56* | |
| | | *For Obscure Glass, Add* | *116.12* | |
| 08 53 13 00-0264 | EA | 40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 540.52 | 52.39 |
| | | *For Colored Vinyl, Add* | *43.57* | |
| | | *For Tinted Glass, Add* | *52.29* | |
| | | *For Low-E Insulated Glass, Add* | *108.93* | |
| | | *For Obscure Glass, Add* | *119.83* | |
| 08 53 13 00-0265 | EA | 48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 560.90 | 55.83 |
| | | *For Colored Vinyl, Add* | *44.92* | |
| | | *For Tinted Glass, Add* | *53.91* | |
| | | *For Low-E Insulated Glass, Add* | *112.31* | |
| | | *For Obscure Glass, Add* | *123.54* | |
| 08 53 13 00-0266 | EA | 56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 582.84 | 59.26 |
| | | *For Colored Vinyl, Add* | *46.43* | |
| | | *For Tinted Glass, Add* | *55.72* | |
| | | *For Low-E Insulated Glass, Add* | *116.08* | |
| | | *For Obscure Glass, Add* | *127.69* | |
| 08 53 13 00-0267 | | 52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)* | | |
| 08 53 13 00-0268 | EA | 33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 547.60 | 51.11 |
| | | *For Colored Vinyl, Add* | *44.54* | |
| | | *For Tinted Glass, Add* | *53.45* | |
| | | *For Low-E Insulated Glass, Add* | *111.35* | |
| | | *For Obscure Glass, Add* | *122.49* | |
| 08 53 13 00-0269 | EA | 40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 568.04 | 54.11 |
| | | *For Colored Vinyl, Add* | *45.98* | |
| | | *For Tinted Glass, Add* | *55.18* | |
| | | *For Low-E Insulated Glass, Add* | *114.96* | |
| | | *For Obscure Glass, Add* | *126.45* | |
| 08 53 13 00-0270 | EA | 48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 589.34 | 57.55 |
| | | *For Colored Vinyl, Add* | *47.43* | |
| | | *For Tinted Glass, Add* | *56.91* | |
| | | *For Low-E Insulated Glass, Add* | *118.56* | |
| | | *For Obscure Glass, Add* | *130.42* | |
| 08 53 13 00-0271 | EA | 56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 611.60 | 60.99 |
| | | *For Colored Vinyl, Add* | *48.96* | |
| | | *For Tinted Glass, Add* | *58.76* | |
| | | *For Low-E Insulated Glass, Add* | *122.41* | |
| | | *For Obscure Glass, Add* | *134.65* | |
| 08 53 13 00-0272 | | 60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0273 | EA | 33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 576.78 | 54.11 |
| | | *For Colored Vinyl, Add* | *46.86* | |
| | | *For Tinted Glass, Add* | *56.23* | |
| | | *For Low-E Insulated Glass, Add* | *117.14* | |
| | | *For Obscure Glass, Add* | *128.85* | |
| 08 53 13 00-0274 | EA | 40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 598.15 | 57.55 |
| | | *For Colored Vinyl, Add* | *48.39* | |
| | | *For Tinted Glass, Add* | *58.07* | |
| | | *For Low-E Insulated Glass, Add* | *120.98* | |
| | | *For Obscure Glass, Add* | *133.08* | |
| 08 53 13 00-0275 | EA | 48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 620.36 | 60.99 |
| | | *For Colored Vinyl, Add* | *49.93* | |
| | | *For Tinted Glass, Add* | *59.91* | |
| | | *For Low-E Insulated Glass, Add* | *124.82* | |
| | | *For Obscure Glass, Add* | *137.30* | |
| 08 53 13 00-0276 | EA | 56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 642.94 | 63.98 |
| | | *For Colored Vinyl, Add* | *51.50* | |
| | | *For Tinted Glass, Add* | *61.80* | |
| | | *For Low-E Insulated Glass, Add* | *128.74* | |
| | | *For Obscure Glass, Add* | *141.61* | |

### 08 53 13 00-0277 64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0278 | EA | 33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 604.99 | 56.25 |
| | | *For Colored Vinyl, Add* | *49.25* | |
| | | *For Tinted Glass, Add* | *59.10* | |
| | | *For Low-E Insulated Glass, Add* | *123.12* | |
| | | *For Obscure Glass, Add* | *135.43* | |
| 08 53 13 00-0279 | EA | 40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 626.36 | 59.26 |
| | | *For Colored Vinyl, Add* | *50.78* | |
| | | *For Tinted Glass, Add* | *60.94* | |
| | | *For Low-E Insulated Glass, Add* | *126.96* | |
| | | *For Obscure Glass, Add* | *139.65* | |
| 08 53 13 00-0280 | EA | 48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 648.49 | 62.70 |
| | | *For Colored Vinyl, Add* | *52.31* | |
| | | *For Tinted Glass, Add* | *62.77* | |
| | | *For Low-E Insulated Glass, Add* | *130.77* | |
| | | *For Obscure Glass, Add* | *143.85* | |
| 08 53 13 00-0281 | EA | 56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 671.14 | 66.13 |
| | | *For Colored Vinyl, Add* | *53.89* | |
| | | *For Tinted Glass, Add* | *64.66* | |
| | | *For Low-E Insulated Glass, Add* | *134.72* | |
| | | *For Obscure Glass, Add* | *148.19* | |

### 08 53 13 00-0282 72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0283 | EA | 33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 636.46 | 59.26 |
| | | *For Colored Vinyl, Add* | *51.79* | |
| | | *For Tinted Glass, Add* | *62.15* | |
| | | *For Low-E Insulated Glass, Add* | *129.48* | |
| | | *For Obscure Glass, Add* | *142.43* | |
| 08 53 13 00-0284 | EA | 40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 657.81 | 62.70 |
| | | *For Colored Vinyl, Add* | *53.33* | |
| | | *For Tinted Glass, Add* | *63.99* | |
| | | *For Low-E Insulated Glass, Add* | *133.32* | |
| | | *For Obscure Glass, Add* | *146.65* | |
| 08 53 13 00-0285 | EA | 48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 680.05 | 66.13 |
| | | *For Colored Vinyl, Add* | *54.86* | |
| | | *For Tinted Glass, Add* | *65.84* | |
| | | *For Low-E Insulated Glass, Add* | *137.16* | |
| | | *For Obscure Glass, Add* | *150.88* | |
| 08 53 13 00-0286 | EA | 56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 702.62 | 69.14 |
| | | *For Colored Vinyl, Add* | *56.43* | |
| | | *For Tinted Glass, Add* | *67.72* | |
| | | *For Low-E Insulated Glass, Add* | *141.09* | |
| | | *For Obscure Glass, Add* | *155.19* | |

### 08 53 13 00-0287 Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

### 08 53 13 00-0288 36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0289 | EA | 62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 573.72 | 55.83 |
| | | *For Colored Vinyl, Add* | *46.21* | |
| | | *For Tinted Glass, Add* | *55.45* | |
| | | *For Low-E Insulated Glass, Add* | *115.52* | |
| | | *For Obscure Glass, Add* | *127.07* | |
| 08 53 13 00-0290 | EA | 72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 601.77 | 60.12 |
| | | *For Colored Vinyl, Add* | *48.15* | |
| | | *For Tinted Glass, Add* | *57.78* | |
| | | *For Low-E Insulated Glass, Add* | *120.38* | |
| | | *For Obscure Glass, Add* | *132.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0291 | EA | 86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 651.27 | 66.57 |
| | | *For Colored Vinyl, Add* | *51.81* | |
| | | *For Tinted Glass, Add* | *62.18* | |
| | | *For Low-E Insulated Glass, Add* | *129.54* | |
| | | *For Obscure Glass, Add* | *142.49* | |
| 08 53 13 00-0292 | | 40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)* | | |
| 08 53 13 00-0293 | EA | 62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 610.47 | 58.40 |
| | | *For Colored Vinyl, Add* | *49.45* | |
| | | *For Tinted Glass, Add* | *59.34* | |
| | | *For Low-E Insulated Glass, Add* | *123.63* | |
| | | *For Obscure Glass, Add* | *135.99* | |
| 08 53 13 00-0294 | EA | 72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 638.71 | 62.27 |
| | | *For Colored Vinyl, Add* | *51.42* | |
| | | *For Tinted Glass, Add* | *61.70* | |
| | | *For Low-E Insulated Glass, Add* | *128.55* | |
| | | *For Obscure Glass, Add* | *141.40* | |
| 08 53 13 00-0295 | EA | 86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 690.85 | 68.72 |
| | | *For Colored Vinyl, Add* | *55.34* | |
| | | *For Tinted Glass, Add* | *66.41* | |
| | | *For Low-E Insulated Glass, Add* | *138.36* | |
| | | *For Obscure Glass, Add* | *152.19* | |
| 08 53 13 00-0296 | | 48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)* | | |
| 08 53 13 00-0297 | EA | 62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 646.02 | 61.84 |
| | | *For Colored Vinyl, Add* | *52.23* | |
| | | *For Tinted Glass, Add* | *62.68* | |
| | | *For Low-E Insulated Glass, Add* | *130.59* | |
| | | *For Obscure Glass, Add* | *143.64* | |
| 08 53 13 00-0298 | EA | 72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 678.72 | 65.71 |
| | | *For Colored Vinyl, Add* | *54.73* | |
| | | *For Tinted Glass, Add* | *65.68* | |
| | | *For Low-E Insulated Glass, Add* | *136.83* | |
| | | *For Obscure Glass, Add* | *150.51* | |
| 08 53 13 00-0299 | EA | 86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 733.10 | 72.15 |
| | | *For Colored Vinyl, Add* | *58.88* | |
| | | *For Tinted Glass, Add* | *70.66* | |
| | | *For Low-E Insulated Glass, Add* | *147.20* | |
| | | *For Obscure Glass, Add* | *161.92* | |
| 08 53 13 00-0300 | | 52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)* | | |
| 08 53 13 00-0301 | EA | 62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 680.80 | 63.56 |
| | | *For Colored Vinyl, Add* | *55.37* | |
| | | *For Tinted Glass, Add* | *66.44* | |
| | | *For Low-E Insulated Glass, Add* | *138.42* | |
| | | *For Obscure Glass, Add* | *152.26* | |
| 08 53 13 00-0302 | EA | 72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 715.72 | 67.86 |
| | | *For Colored Vinyl, Add* | *58.00* | |
| | | *For Tinted Glass, Add* | *69.60* | |
| | | *For Low-E Insulated Glass, Add* | *145.01* | |
| | | *For Obscure Glass, Add* | *159.51* | |
| 08 53 13 00-0303 | EA | 86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 777.12 | 73.86 |
| | | *For Colored Vinyl, Add* | *62.94* | |
| | | *For Tinted Glass, Add* | *75.53* | |
| | | *For Low-E Insulated Glass, Add* | *157.35* | |
| | | *For Obscure Glass, Add* | *173.08* | |
| 08 53 13 00-0304 | | 60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)* | | |
| 08 53 13 00-0305 | EA | 62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 718.14 | 66.57 |
| | | *For Colored Vinyl, Add* | *58.50* | |
| | | *For Tinted Glass, Add* | *70.20* | |
| | | *For Low-E Insulated Glass, Add* | *146.25* | |
| | | *For Obscure Glass, Add* | *160.88* | |
| 08 53 13 00-0306 | EA | 72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 754.44 | 70.85 |
| | | *For Colored Vinyl, Add* | *61.27* | |
| | | *For Tinted Glass, Add* | *73.53* | |
| | | *For Low-E Insulated Glass, Add* | *153.18* | |
| | | *For Obscure Glass, Add* | *168.50* | |
| 08 53 13 00-0307 | EA | 86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 823.73 | 76.87 |
| | | *For Colored Vinyl, Add* | *67.00* | |
| | | *For Tinted Glass, Add* | *80.40* | |
| | | *For Low-E Insulated Glass, Add* | *167.50* | |
| | | *For Obscure Glass, Add* | *184.24* | |
| 08 53 13 00-0308 | | 64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0309 | EA | 62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 757.83 | 68.72 |
| | | *For Colored Vinyl, Add* | *62.04* | |
| | | *For Tinted Glass, Add* | *74.45* | |
| | | *For Low-E Insulated Glass, Add* | *155.10* | |
| | | *For Obscure Glass, Add* | *170.61* | |
| 08 53 13 00-0310 | EA | 72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 794.11 | 73.00 |
| | | *For Colored Vinyl, Add* | *64.81* | |
| | | *For Tinted Glass, Add* | *77.77* | |
| | | *For Low-E Insulated Glass, Add* | *162.03* | |
| | | *For Obscure Glass, Add* | *178.23* | |
| 08 53 13 00-0311 | EA | 86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 863.39 | 79.02 |
| | | *For Colored Vinyl, Add* | *70.54* | |
| | | *For Tinted Glass, Add* | *84.64* | |
| | | *For Low-E Insulated Glass, Add* | *176.34* | |
| | | *For Obscure Glass, Add* | *193.97* | |

### 08 53 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0313 | EA | 62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 799.31 | 71.72 |
| | | *For Colored Vinyl, Add* | *65.59* | |
| | | *For Tinted Glass, Add* | *78.71* | |
| | | *For Low-E Insulated Glass, Add* | *163.97* | |
| | | *For Obscure Glass, Add* | *180.37* | |
| 08 53 13 00-0314 | EA | 72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 835.59 | 76.01 |
| | | *For Colored Vinyl, Add* | *68.36* | |
| | | *For Tinted Glass, Add* | *82.03* | |
| | | *For Low-E Insulated Glass, Add* | *170.89* | |
| | | *For Obscure Glass, Add* | *187.98* | |
| 08 53 13 00-0315 | EA | 86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) | 904.88 | 82.02 |
| | | *For Colored Vinyl, Add* | *74.08* | |
| | | *For Tinted Glass, Add* | *88.90* | |
| | | *For Low-E Insulated Glass, Add* | *185.21* | |
| | | *For Obscure Glass, Add* | *203.73* | |

### 08 53 13 00-0316 Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

### 08 53 13 00-0317 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0318 | EA | Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) | 302.02 | 36.51 |
| | | *For Colored Vinyl, Add* | *22.90* | |
| | | *For Tinted Glass, Add* | *27.48* | |
| | | *For Low-E Insulated Glass, Add* | *57.26* | |
| | | *For Obscure Glass, Add* | *62.98* | |
| 08 53 13 00-0319 | EA | >53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) | 342.48 | 40.80 |
| | | *For Colored Vinyl, Add* | *26.09* | |
| | | *For Tinted Glass, Add* | *31.31* | |
| | | *For Low-E Insulated Glass, Add* | *65.22* | |
| | | *For Obscure Glass, Add* | *71.74* | |
| 08 53 13 00-0320 | EA | >63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) | 379.35 | 45.09 |
| | | *For Colored Vinyl, Add* | *28.92* | |
| | | *For Tinted Glass, Add* | *34.70* | |
| | | *For Low-E Insulated Glass, Add* | *72.29* | |
| | | *For Obscure Glass, Add* | *79.52* | |
| 08 53 13 00-0321 | EA | >73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) | 412.59 | 49.38 |
| | | *For Colored Vinyl, Add* | *31.38* | |
| | | *For Tinted Glass, Add* | *37.66* | |
| | | *For Low-E Insulated Glass, Add* | *78.46* | |
| | | *For Obscure Glass, Add* | *86.30* | |
| 08 53 13 00-0322 | EA | >83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) | 442.25 | 53.68 |
| | | *For Colored Vinyl, Add* | *33.49* | |
| | | *For Tinted Glass, Add* | *40.19* | |
| | | *For Low-E Insulated Glass, Add* | *83.72* | |
| | | *For Obscure Glass, Add* | *92.09* | |
| 08 53 13 00-0323 | EA | >93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) | 461.46 | 57.98 |
| | | *For Colored Vinyl, Add* | *34.55* | |
| | | *For Tinted Glass, Add* | *41.46* | |
| | | *For Low-E Insulated Glass, Add* | *86.38* | |
| | | *For Obscure Glass, Add* | *95.02* | |
| 08 53 13 00-0324 | UI | >101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) | 4.54 | 0.55 |
| | | *For Colored Vinyl, Add* | *0.34* | |
| | | *For Tinted Glass, Add* | *0.41* | |
| | | *For Low-E Insulated Glass, Add* | *0.86* | |
| | | *For Obscure Glass, Add* | *0.94* | |

### 08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0326 | EA | Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 491.07 | 45.09 |
| | | *For Colored Vinyl, Add* | *40.09* | |
| | | *For Tinted Glass, Add* | *48.11* | |
| | | *For Low-E Insulated Glass, Add* | *100.22* | |
| | | *For Obscure Glass, Add* | *110.24* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0327 | EA | >73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 539.62 | 49.38 |
| | | *For Colored Vinyl, Add* | *44.09* | |
| | | *For Tinted Glass, Add* | *52.90* | |
| | | *For Low-E Insulated Glass, Add* | *110.21* | |
| | | *For Obscure Glass, Add* | *121.23* | |
| 08 53 13 00-0328 | EA | >83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 584.58 | 53.68 |
| | | *For Colored Vinyl, Add* | *47.72* | |
| | | *For Tinted Glass, Add* | *57.27* | |
| | | *For Low-E Insulated Glass, Add* | *119.31* | |
| | | *For Obscure Glass, Add* | *131.24* | |
| 08 53 13 00-0329 | EA | >93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 616.03 | 57.98 |
| | | *For Colored Vinyl, Add* | *50.01* | |
| | | *For Tinted Glass, Add* | *60.01* | |
| | | *For Low-E Insulated Glass, Add* | *125.02* | |
| | | *For Obscure Glass, Add* | *137.52* | |
| 08 53 13 00-0330 | EA | >101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 649.37 | 62.27 |
| | | *For Colored Vinyl, Add* | *52.48* | |
| | | *For Tinted Glass, Add* | *62.98* | |
| | | *For Low-E Insulated Glass, Add* | *131.21* | |
| | | *For Obscure Glass, Add* | *144.33* | |
| 08 53 13 00-0331 | EA | >110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 684.08 | 66.57 |
| | | *For Colored Vinyl, Add* | *55.10* | |
| | | *For Tinted Glass, Add* | *66.11* | |
| | | *For Low-E Insulated Glass, Add* | *137.74* | |
| | | *For Obscure Glass, Add* | *151.51* | |
| 08 53 13 00-0332 | UI | >120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 5.71 | 0.55 |
| | | *For Colored Vinyl, Add* | *0.46* | |
| | | *For Tinted Glass, Add* | *0.55* | |
| | | *For Low-E Insulated Glass, Add* | *1.15* | |
| | | *For Obscure Glass, Add* | *1.26* | |

### 08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0334 | EA | Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 510.78 | 45.09 |
| | | *For Colored Vinyl, Add* | *42.06* | |
| | | *For Tinted Glass, Add* | *50.47* | |
| | | *For Low-E Insulated Glass, Add* | *105.15* | |
| | | *For Obscure Glass, Add* | *115.66* | |
| 08 53 13 00-0335 | EA | >73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 561.49 | 49.38 |
| | | *For Colored Vinyl, Add* | *46.27* | |
| | | *For Tinted Glass, Add* | *55.53* | |
| | | *For Low-E Insulated Glass, Add* | *115.68* | |
| | | *For Obscure Glass, Add* | *127.25* | |
| 08 53 13 00-0336 | EA | >83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 609.69 | 53.68 |
| | | *For Colored Vinyl, Add* | *50.23* | |
| | | *For Tinted Glass, Add* | *60.28* | |
| | | *For Low-E Insulated Glass, Add* | *125.58* | |
| | | *For Obscure Glass, Add* | *138.14* | |
| 08 53 13 00-0337 | EA | >93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 643.31 | 57.98 |
| | | *For Colored Vinyl, Add* | *52.74* | |
| | | *For Tinted Glass, Add* | *63.28* | |
| | | *For Low-E Insulated Glass, Add* | *131.84* | |
| | | *For Obscure Glass, Add* | *145.02* | |
| 08 53 13 00-0338 | EA | >101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 679.08 | 62.27 |
| | | *For Colored Vinyl, Add* | *55.46* | |
| | | *For Tinted Glass, Add* | *66.55* | |
| | | *For Low-E Insulated Glass, Add* | *138.64* | |
| | | *For Obscure Glass, Add* | *152.50* | |
| 08 53 13 00-0339 | EA | >110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 716.49 | 66.57 |
| | | *For Colored Vinyl, Add* | *58.34* | |
| | | *For Tinted Glass, Add* | *70.00* | |
| | | *For Low-E Insulated Glass, Add* | *145.84* | |
| | | *For Obscure Glass, Add* | *160.42* | |
| 08 53 13 00-0340 | UI | >120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) | 5.98 | 0.55 |
| | | *For Colored Vinyl, Add* | *0.49* | |
| | | *For Tinted Glass, Add* | *0.58* | |
| | | *For Low-E Insulated Glass, Add* | *1.22* | |
| | | *For Obscure Glass, Add* | *1.34* | |

### 08 53 13 00-0341 Awning Vinyl Windows *(08 53 13)*

### 08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

### 08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0342)*

### 08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0345 | EA | 24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 303.00 | 35.22 |
| | | *For Colored Vinyl, Add* | *23.26* | |
| | | *For Tinted Glass, Add* | *27.91* | |
| | | *For Low-E Insulated Glass, Add* | *58.14* | |
| | | *For Obscure Glass, Add* | *63.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0346 | EA | 28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 317.23 | 36.93 |
| | | *For Colored Vinyl, Add* | *24.34* | |
| | | *For Tinted Glass, Add* | *29.20* | |
| | | *For Low-E Insulated Glass, Add* | *60.84* | |
| | | *For Obscure Glass, Add* | *66.93* | |
| 08 53 13 00-0347 | EA | 36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 339.46 | 39.94 |
| | | *For Colored Vinyl, Add* | *25.96* | |
| | | *For Tinted Glass, Add* | *31.15* | |
| | | *For Low-E Insulated Glass, Add* | *64.90* | |
| | | *For Obscure Glass, Add* | *71.38* | |
| 08 53 13 00-0348 | EA | 40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 353.94 | 42.09 |
| | | *For Colored Vinyl, Add* | *26.98* | |
| | | *For Tinted Glass, Add* | *32.37* | |
| | | *For Low-E Insulated Glass, Add* | *67.44* | |
| | | *For Obscure Glass, Add* | *74.19* | |
| 08 53 13 00-0349 | EA | 48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 377.63 | 45.52 |
| | | *For Colored Vinyl, Add* | *28.66* | |
| | | *For Tinted Glass, Add* | *34.39* | |
| | | *For Low-E Insulated Glass, Add* | *71.65* | |
| | | *For Obscure Glass, Add* | *78.81* | |

### 08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0351 | EA | 24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 319.07 | 36.93 |
| | | *For Colored Vinyl, Add* | *24.61* | |
| | | *For Tinted Glass, Add* | *29.53* | |
| | | *For Low-E Insulated Glass, Add* | *61.52* | |
| | | *For Obscure Glass, Add* | *67.67* | |
| 08 53 13 00-0352 | EA | 28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 333.31 | 38.65 |
| | | *For Colored Vinyl, Add* | *25.69* | |
| | | *For Tinted Glass, Add* | *30.82* | |
| | | *For Low-E Insulated Glass, Add* | *64.22* | |
| | | *For Obscure Glass, Add* | *70.64* | |
| 08 53 13 00-0353 | EA | 36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 357.03 | 41.23 |
| | | *For Colored Vinyl, Add* | *27.46* | |
| | | *For Tinted Glass, Add* | *32.95* | |
| | | *For Low-E Insulated Glass, Add* | *68.64* | |
| | | *For Obscure Glass, Add* | *75.51* | |
| 08 53 13 00-0354 | EA | 40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 371.53 | 43.80 |
| | | *For Colored Vinyl, Add* | *28.48* | |
| | | *For Tinted Glass, Add* | *34.17* | |
| | | *For Low-E Insulated Glass, Add* | *71.20* | |
| | | *For Obscure Glass, Add* | *78.31* | |
| 08 53 13 00-0355 | EA | 48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 396.69 | 46.81 |
| | | *For Colored Vinyl, Add* | *30.31* | |
| | | *For Tinted Glass, Add* | *36.37* | |
| | | *For Low-E Insulated Glass, Add* | *75.77* | |
| | | *For Obscure Glass, Add* | *83.34* | |

### 08 53 13 00-0356 24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0357 | EA | 24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 330.00 | 38.65 |
| | | *For Colored Vinyl, Add* | *25.36* | |
| | | *For Tinted Glass, Add* | *30.43* | |
| | | *For Low-E Insulated Glass, Add* | *63.39* | |
| | | *For Obscure Glass, Add* | *69.73* | |
| 08 53 13 00-0358 | EA | 28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 344.24 | 40.37 |
| | | *For Colored Vinyl, Add* | *26.44* | |
| | | *For Tinted Glass, Add* | *31.72* | |
| | | *For Low-E Insulated Glass, Add* | *66.09* | |
| | | *For Obscure Glass, Add* | *72.70* | |
| 08 53 13 00-0359 | EA | 36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 368.71 | 42.94 |
| | | *For Colored Vinyl, Add* | *28.28* | |
| | | *For Tinted Glass, Add* | *33.94* | |
| | | *For Low-E Insulated Glass, Add* | *70.71* | |
| | | *For Obscure Glass, Add* | *77.78* | |
| 08 53 13 00-0360 | EA | 40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 384.42 | 45.52 |
| | | *For Colored Vinyl, Add* | *29.42* | |
| | | *For Tinted Glass, Add* | *35.31* | |
| | | *For Low-E Insulated Glass, Add* | *73.56* | |
| | | *For Obscure Glass, Add* | *80.91* | |
| 08 53 13 00-0361 | EA | 48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 409.89 | 48.52 |
| | | *For Colored Vinyl, Add* | *31.28* | |
| | | *For Tinted Glass, Add* | *37.54* | |
| | | *For Low-E Insulated Glass, Add* | *78.21* | |
| | | *For Obscure Glass, Add* | *86.03* | |

### 08 53 13 00-0362 28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0363 | EA | 24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 340.95 | 40.37 |
| | | *For Colored Vinyl, Add* | *26.11* | |
| | | *For Tinted Glass, Add* | *31.33* | |
| | | *For Low-E Insulated Glass, Add* | *65.27* | |
| | | *For Obscure Glass, Add* | *71.79* | |
| 08 53 13 00-0364 | EA | 28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 355.19 | 42.09 |
| | | *For Colored Vinyl, Add* | *27.19* | |
| | | *For Tinted Glass, Add* | *32.62* | |
| | | *For Low-E Insulated Glass, Add* | *67.97* | |
| | | *For Obscure Glass, Add* | *74.76* | |
| 08 53 13 00-0365 | EA | 36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 380.41 | 44.66 |
| | | *For Colored Vinyl, Add* | *29.11* | |
| | | *For Tinted Glass, Add* | *34.93* | |
| | | *For Low-E Insulated Glass, Add* | *72.77* | |
| | | *For Obscure Glass, Add* | *80.05* | |
| 08 53 13 00-0366 | EA | 40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 397.23 | 47.24 |
| | | *For Colored Vinyl, Add* | *30.36* | |
| | | *For Tinted Glass, Add* | *36.43* | |
| | | *For Low-E Insulated Glass, Add* | *75.90* | |
| | | *For Obscure Glass, Add* | *83.49* | |
| 08 53 13 00-0367 | EA | 48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 423.08 | 50.25 |
| | | *For Colored Vinyl, Add* | *32.26* | |
| | | *For Tinted Glass, Add* | *38.71* | |
| | | *For Low-E Insulated Glass, Add* | *80.65* | |
| | | *For Obscure Glass, Add* | *88.71* | |

### 08 53 13 00-0368 36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0369 | EA | 36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 402.91 | 47.67 |
| | | *For Colored Vinyl, Add* | *30.76* | |
| | | *For Tinted Glass, Add* | *36.91* | |
| | | *For Low-E Insulated Glass, Add* | *76.90* | |
| | | *For Obscure Glass, Add* | *84.58* | |
| 08 53 13 00-0370 | EA | 40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 419.76 | 49.82 |
| | | *For Colored Vinyl, Add* | *32.01* | |
| | | *For Tinted Glass, Add* | *38.42* | |
| | | *For Low-E Insulated Glass, Add* | *80.03* | |
| | | *For Obscure Glass, Add* | *88.04* | |
| 08 53 13 00-0371 | EA | 48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) | 447.10 | 53.25 |
| | | *For Colored Vinyl, Add* | *34.06* | |
| | | *For Tinted Glass, Add* | *40.87* | |
| | | *For Low-E Insulated Glass, Add* | *85.15* | |
| | | *For Obscure Glass, Add* | *93.67* | |

### 08 53 13 00-0372 Replacement, Awning Vinyl Windows (Silver Line 7400) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0373 | EA | Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400) | 316.33 | 36.51 |
| | | *For Colored Vinyl, Add* | *24.33* | |
| | | *For Tinted Glass, Add* | *29.20* | |
| | | *For Low-E Insulated Glass, Add* | *60.83* | |
| | | *For Obscure Glass, Add* | *66.92* | |
| 08 53 13 00-0374 | EA | >53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400) | 365.17 | 40.80 |
| | | *For Colored Vinyl, Add* | *28.36* | |
| | | *For Tinted Glass, Add* | *34.03* | |
| | | *For Low-E Insulated Glass, Add* | *70.90* | |
| | | *For Obscure Glass, Add* | *77.98* | |
| 08 53 13 00-0375 | EA | >63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400) | 412.21 | 45.09 |
| | | *For Colored Vinyl, Add* | *32.20* | |
| | | *For Tinted Glass, Add* | *38.64* | |
| | | *For Low-E Insulated Glass, Add* | *80.51* | |
| | | *For Obscure Glass, Add* | *88.56* | |
| 08 53 13 00-0376 | EA | >73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400) | 457.43 | 49.38 |
| | | *For Colored Vinyl, Add* | *35.87* | |
| | | *For Tinted Glass, Add* | *43.04* | |
| | | *For Low-E Insulated Glass, Add* | *89.67* | |
| | | *For Obscure Glass, Add* | *98.63* | |
| 08 53 13 00-0377 | EA | >83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400) | 500.85 | 53.68 |
| | | *For Colored Vinyl, Add* | *39.35* | |
| | | *For Tinted Glass, Add* | *47.22* | |
| | | *For Low-E Insulated Glass, Add* | *98.37* | |
| | | *For Obscure Glass, Add* | *108.21* | |
| 08 53 13 00-0378 | EA | >93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400) | 525.11 | 57.98 |
| | | *For Colored Vinyl, Add* | *40.92* | |
| | | *For Tinted Glass, Add* | *49.10* | |
| | | *For Low-E Insulated Glass, Add* | *102.29* | |
| | | *For Obscure Glass, Add* | *112.52* | |
| 08 53 13 00-0379 | UI | >101" UI, Replacement, Awning Vinyl Window (Silver Line 7400) | 5.17 | 0.55 |
| | | *For Colored Vinyl, Add* | *0.41* | |
| | | *For Tinted Glass, Add* | *0.49* | |
| | | *For Low-E Insulated Glass, Add* | *1.01* | |
| | | *For Obscure Glass, Add* | *1.11* | |

### 08 53 13 00-0380 Horizontal Sliding Vinyl Windows *(08 53 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

08 53 13 00-0381 New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0382 20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0383 | EA | 36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 192.02 | 42.09 |
| | | *For Colored Vinyl, Add* | *10.87* | |
| | | *For Tinted Glass, Add* | *13.04* | |
| | | *For Low-E Insulated Glass, Add* | *27.18* | |
| | | *For Obscure Glass, Add* | *29.89* | |
| 08 53 13 00-0384 | EA | 48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 212.97 | 47.24 |
| | | *For Colored Vinyl, Add* | *11.94* | |
| | | *For Tinted Glass, Add* | *14.32* | |
| | | *For Low-E Insulated Glass, Add* | *29.84* | |
| | | *For Obscure Glass, Add* | *32.82* | |
| 08 53 13 00-0385 | EA | 54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 223.45 | 49.38 |
| | | *For Colored Vinyl, Add* | *12.47* | |
| | | *For Tinted Glass, Add* | *14.96* | |
| | | *For Low-E Insulated Glass, Add* | *31.17* | |
| | | *For Obscure Glass, Add* | *34.29* | |
| 08 53 13 00-0386 | EA | 60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 233.94 | 51.97 |
| | | *For Colored Vinyl, Add* | *13.00* | |
| | | *For Tinted Glass, Add* | *15.60* | |
| | | *For Low-E Insulated Glass, Add* | *32.50* | |
| | | *For Obscure Glass, Add* | *35.75* | |
| 08 53 13 00-0387 | EA | 64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 240.92 | 54.11 |
| | | *For Colored Vinyl, Add* | *13.36* | |
| | | *For Tinted Glass, Add* | *16.03* | |
| | | *For Low-E Insulated Glass, Add* | *33.39* | |
| | | *For Obscure Glass, Add* | *36.73* | |
| 08 53 13 00-0388 | EA | 72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 254.90 | 57.12 |
| | | *For Colored Vinyl, Add* | *14.07* | |
| | | *For Tinted Glass, Add* | *16.88* | |
| | | *For Low-E Insulated Glass, Add* | *35.17* | |
| | | *For Obscure Glass, Add* | *38.68* | |

08 53 13 00-0389 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0390 | EA | 36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 201.44 | 43.80 |
| | | *For Colored Vinyl, Add* | *11.47* | |
| | | *For Tinted Glass, Add* | *13.76* | |
| | | *For Low-E Insulated Glass, Add* | *28.67* | |
| | | *For Obscure Glass, Add* | *31.54* | |
| 08 53 13 00-0391 | EA | 48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 222.90 | 48.96 |
| | | *For Colored Vinyl, Add* | *12.58* | |
| | | *For Tinted Glass, Add* | *15.10* | |
| | | *For Low-E Insulated Glass, Add* | *31.46* | |
| | | *For Obscure Glass, Add* | *34.61* | |
| 08 53 13 00-0392 | EA | 54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 233.67 | 51.11 |
| | | *For Colored Vinyl, Add* | *13.15* | |
| | | *For Tinted Glass, Add* | *15.78* | |
| | | *For Low-E Insulated Glass, Add* | *32.87* | |
| | | *For Obscure Glass, Add* | *36.15* | |
| 08 53 13 00-0393 | EA | 60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 244.36 | 53.68 |
| | | *For Colored Vinyl, Add* | *13.70* | |
| | | *For Tinted Glass, Add* | *16.44* | |
| | | *For Low-E Insulated Glass, Add* | *34.25* | |
| | | *For Obscure Glass, Add* | *37.68* | |
| 08 53 13 00-0394 | EA | 64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 251.51 | 55.83 |
| | | *For Colored Vinyl, Add* | *14.07* | |
| | | *For Tinted Glass, Add* | *16.89* | |
| | | *For Low-E Insulated Glass, Add* | *35.18* | |
| | | *For Obscure Glass, Add* | *38.70* | |
| 08 53 13 00-0395 | EA | 72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 265.81 | 58.84 |
| | | *For Colored Vinyl, Add* | *14.81* | |
| | | *For Tinted Glass, Add* | *17.78* | |
| | | *For Low-E Insulated Glass, Add* | *37.04* | |
| | | *For Obscure Glass, Add* | *40.74* | |

08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0397 | EA | 36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 229.90 | 48.96 |
| | | *For Colored Vinyl, Add* | *13.28* | |
| | | *For Tinted Glass, Add* | *15.94* | |
| | | *For Low-E Insulated Glass, Add* | *33.21* | |
| | | *For Obscure Glass, Add* | *36.53* | |
| 08 53 13 00-0398 | EA | 48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 252.91 | 54.11 |
| | | *For Colored Vinyl, Add* | *14.56* | |
| | | *For Tinted Glass, Add* | *17.47* | |
| | | *For Low-E Insulated Glass, Add* | *36.39* | |
| | | *For Obscure Glass, Add* | *40.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0399 | EA | 54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 264.44 | 56.25 |
| | | *For Colored Vinyl, Add* | *15.19* | |
| | | *For Tinted Glass, Add* | *18.23* | |
| | | *For Low-E Insulated Glass, Add* | *37.98* | |
| | | *For Obscure Glass, Add* | *41.78* | |
| 08 53 13 00-0400 | EA | 60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 275.95 | 58.84 |
| | | *For Colored Vinyl, Add* | *15.83* | |
| | | *For Tinted Glass, Add* | *18.99* | |
| | | *For Low-E Insulated Glass, Add* | *39.57* | |
| | | *For Obscure Glass, Add* | *43.53* | |
| 08 53 13 00-0401 | EA | 64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 283.63 | 60.12 |
| | | *For Colored Vinyl, Add* | *16.25* | |
| | | *For Tinted Glass, Add* | *19.50* | |
| | | *For Low-E Insulated Glass, Add* | *40.63* | |
| | | *For Obscure Glass, Add* | *44.70* | |
| 08 53 13 00-0402 | EA | 72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 298.99 | 63.98 |
| | | *For Colored Vinyl, Add* | *17.10* | |
| | | *For Tinted Glass, Add* | *20.52* | |
| | | *For Low-E Insulated Glass, Add* | *42.75* | |
| | | *For Obscure Glass, Add* | *47.03* | |
| 08 53 13 00-0403 | | 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)* | | |
| 08 53 13 00-0404 | EA | 36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 244.11 | 51.53 |
| | | *For Colored Vinyl, Add* | *14.19* | |
| | | *For Tinted Glass, Add* | *17.03* | |
| | | *For Low-E Insulated Glass, Add* | *35.48* | |
| | | *For Obscure Glass, Add* | *39.03* | |
| 08 53 13 00-0405 | EA | 48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 267.94 | 56.69 |
| | | *For Colored Vinyl, Add* | *15.54* | |
| | | *For Tinted Glass, Add* | *18.65* | |
| | | *For Low-E Insulated Glass, Add* | *38.86* | |
| | | *For Obscure Glass, Add* | *42.74* | |
| 08 53 13 00-0406 | EA | 54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 279.86 | 58.84 |
| | | *For Colored Vinyl, Add* | *16.22* | |
| | | *For Tinted Glass, Add* | *19.46* | |
| | | *For Low-E Insulated Glass, Add* | *40.55* | |
| | | *For Obscure Glass, Add* | *44.60* | |
| 08 53 13 00-0407 | EA | 60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 291.76 | 61.41 |
| | | *For Colored Vinyl, Add* | *16.89* | |
| | | *For Tinted Glass, Add* | *20.27* | |
| | | *For Low-E Insulated Glass, Add* | *42.24* | |
| | | *For Obscure Glass, Add* | *46.46* | |
| 08 53 13 00-0408 | EA | 64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 299.68 | 63.56 |
| | | *For Colored Vinyl, Add* | *17.34* | |
| | | *For Tinted Glass, Add* | *20.81* | |
| | | *For Low-E Insulated Glass, Add* | *43.36* | |
| | | *For Obscure Glass, Add* | *47.69* | |
| 08 53 13 00-0409 | EA | 72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 315.57 | 66.57 |
| | | *For Colored Vinyl, Add* | *18.24* | |
| | | *For Tinted Glass, Add* | *21.89* | |
| | | *For Low-E Insulated Glass, Add* | *45.61* | |
| | | *For Obscure Glass, Add* | *50.17* | |
| 08 53 13 00-0410 | | 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)* | | |
| 08 53 13 00-0411 | EA | 36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 248.87 | 52.39 |
| | | *For Colored Vinyl, Add* | *14.49* | |
| | | *For Tinted Glass, Add* | *17.39* | |
| | | *For Low-E Insulated Glass, Add* | *36.24* | |
| | | *For Obscure Glass, Add* | *39.86* | |
| 08 53 13 00-0412 | EA | 48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 272.94 | 57.55 |
| | | *For Colored Vinyl, Add* | *15.87* | |
| | | *For Tinted Glass, Add* | *19.05* | |
| | | *For Low-E Insulated Glass, Add* | *39.68* | |
| | | *For Obscure Glass, Add* | *43.65* | |
| 08 53 13 00-0413 | EA | 54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 284.98 | 59.69 |
| | | *For Colored Vinyl, Add* | *16.56* | |
| | | *For Tinted Glass, Add* | *19.87* | |
| | | *For Low-E Insulated Glass, Add* | *41.40* | |
| | | *For Obscure Glass, Add* | *45.54* | |
| 08 53 13 00-0414 | EA | 60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 297.02 | 62.27 |
| | | *For Colored Vinyl, Add* | *17.25* | |
| | | *For Tinted Glass, Add* | *20.70* | |
| | | *For Low-E Insulated Glass, Add* | *43.12* | |
| | | *For Obscure Glass, Add* | *47.43* | |
| 08 53 13 00-0415 | EA | 64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 305.06 | 64.42 |
| | | *For Colored Vinyl, Add* | *17.71* | |
| | | *For Tinted Glass, Add* | *21.25* | |
| | | *For Low-E Insulated Glass, Add* | *44.27* | |
| | | *For Obscure Glass, Add* | *48.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0416 | EA | 72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 321.09 | 67.42 |
| | | *For Colored Vinyl, Add* | *18.62* | |
| | | *For Tinted Glass, Add* | *22.35* | |
| | | *For Low-E Insulated Glass, Add* | *46.56* | |
| | | *For Obscure Glass, Add* | *51.22* | |

### 08 53 13 00-0417 46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0418 | EA | 36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 253.61 | 53.25 |
| | | *For Colored Vinyl, Add* | *14.80* | |
| | | *For Tinted Glass, Add* | *17.76* | |
| | | *For Low-E Insulated Glass, Add* | *36.99* | |
| | | *For Obscure Glass, Add* | *40.69* | |
| 08 53 13 00-0419 | EA | 48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 277.94 | 58.40 |
| | | *For Colored Vinyl, Add* | *16.20* | |
| | | *For Tinted Glass, Add* | *19.44* | |
| | | *For Low-E Insulated Glass, Add* | *40.50* | |
| | | *For Obscure Glass, Add* | *44.55* | |
| 08 53 13 00-0420 | EA | 54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 290.11 | 60.55 |
| | | *For Colored Vinyl, Add* | *16.90* | |
| | | *For Tinted Glass, Add* | *20.28* | |
| | | *For Low-E Insulated Glass, Add* | *42.25* | |
| | | *For Obscure Glass, Add* | *46.48* | |
| 08 53 13 00-0421 | EA | 60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 302.27 | 63.13 |
| | | *For Colored Vinyl, Add* | *17.60* | |
| | | *For Tinted Glass, Add* | *21.12* | |
| | | *For Low-E Insulated Glass, Add* | *44.00* | |
| | | *For Obscure Glass, Add* | *48.40* | |
| 08 53 13 00-0422 | EA | 64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 310.39 | 65.27 |
| | | *For Colored Vinyl, Add* | *18.07* | |
| | | *For Tinted Glass, Add* | *21.68* | |
| | | *For Low-E Insulated Glass, Add* | *45.18* | |
| | | *For Obscure Glass, Add* | *49.69* | |
| 08 53 13 00-0423 | EA | 72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 326.62 | 68.28 |
| | | *For Colored Vinyl, Add* | *19.01* | |
| | | *For Tinted Glass, Add* | *22.81* | |
| | | *For Low-E Insulated Glass, Add* | *47.52* | |
| | | *For Obscure Glass, Add* | *52.27* | |

### 08 53 13 00-0424 48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0425 | EA | 36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 258.35 | 54.11 |
| | | *For Colored Vinyl, Add* | *15.10* | |
| | | *For Tinted Glass, Add* | *18.12* | |
| | | *For Low-E Insulated Glass, Add* | *37.75* | |
| | | *For Obscure Glass, Add* | *41.52* | |
| 08 53 13 00-0426 | EA | 48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 282.95 | 59.26 |
| | | *For Colored Vinyl, Add* | *16.53* | |
| | | *For Tinted Glass, Add* | *19.83* | |
| | | *For Low-E Insulated Glass, Add* | *41.32* | |
| | | *For Obscure Glass, Add* | *45.45* | |
| 08 53 13 00-0427 | EA | 54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 295.25 | 61.41 |
| | | *For Colored Vinyl, Add* | *17.24* | |
| | | *For Tinted Glass, Add* | *20.69* | |
| | | *For Low-E Insulated Glass, Add* | *43.11* | |
| | | *For Obscure Glass, Add* | *47.42* | |
| 08 53 13 00-0428 | EA | 60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 307.54 | 63.98 |
| | | *For Colored Vinyl, Add* | *17.96* | |
| | | *For Tinted Glass, Add* | *21.55* | |
| | | *For Low-E Insulated Glass, Add* | *44.89* | |
| | | *For Obscure Glass, Add* | *49.38* | |
| 08 53 13 00-0429 | EA | 64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 315.74 | 66.13 |
| | | *For Colored Vinyl, Add* | *18.43* | |
| | | *For Tinted Glass, Add* | *22.12* | |
| | | *For Low-E Insulated Glass, Add* | *46.08* | |
| | | *For Obscure Glass, Add* | *50.69* | |
| 08 53 13 00-0430 | EA | 72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 332.16 | 69.14 |
| | | *For Colored Vinyl, Add* | *19.39* | |
| | | *For Tinted Glass, Add* | *23.27* | |
| | | *For Low-E Insulated Glass, Add* | *48.47* | |
| | | *For Obscure Glass, Add* | *53.32* | |

### 08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0432 | EA | 36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 263.09 | 54.97 |
| | | *For Colored Vinyl, Add* | *15.40* | |
| | | *For Tinted Glass, Add* | *18.48* | |
| | | *For Low-E Insulated Glass, Add* | *38.50* | |
| | | *For Obscure Glass, Add* | *42.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0433 | EA | 48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 287.95 | 60.12 |
| | | *For Colored Vinyl, Add* | *16.86* | |
| | | *For Tinted Glass, Add* | *20.23* | |
| | | *For Low-E Insulated Glass, Add* | *42.14* | |
| | | *For Obscure Glass, Add* | *46.35* | |
| 08 53 13 00-0434 | EA | 54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 300.36 | 62.27 |
| | | *For Colored Vinyl, Add* | *17.58* | |
| | | *For Tinted Glass, Add* | *21.10* | |
| | | *For Low-E Insulated Glass, Add* | *43.96* | |
| | | *For Obscure Glass, Add* | *48.35* | |
| 08 53 13 00-0435 | EA | 60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 312.80 | 64.85 |
| | | *For Colored Vinyl, Add* | *18.31* | |
| | | *For Tinted Glass, Add* | *21.97* | |
| | | *For Low-E Insulated Glass, Add* | *45.78* | |
| | | *For Obscure Glass, Add* | *50.36* | |
| 08 53 13 00-0436 | EA | 64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 321.10 | 66.99 |
| | | *For Colored Vinyl, Add* | *18.80* | |
| | | *For Tinted Glass, Add* | *22.56* | |
| | | *For Low-E Insulated Glass, Add* | *46.99* | |
| | | *For Obscure Glass, Add* | *51.69* | |
| 08 53 13 00-0437 | EA | 72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 337.67 | 70.00 |
| | | *For Colored Vinyl, Add* | *19.77* | |
| | | *For Tinted Glass, Add* | *23.72* | |
| | | *For Low-E Insulated Glass, Add* | *49.42* | |
| | | *For Obscure Glass, Add* | *54.36* | |

## 08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0439 | EA | 36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 267.84 | 55.83 |
| | | *For Colored Vinyl, Add* | *15.70* | |
| | | *For Tinted Glass, Add* | *18.84* | |
| | | *For Low-E Insulated Glass, Add* | *39.26* | |
| | | *For Obscure Glass, Add* | *43.19* | |
| 08 53 13 00-0440 | EA | 48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 292.96 | 60.99 |
| | | *For Colored Vinyl, Add* | *17.19* | |
| | | *For Tinted Glass, Add* | *20.62* | |
| | | *For Low-E Insulated Glass, Add* | *42.97* | |
| | | *For Obscure Glass, Add* | *47.26* | |
| 08 53 13 00-0441 | EA | 54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 305.52 | 63.13 |
| | | *For Colored Vinyl, Add* | *17.93* | |
| | | *For Tinted Glass, Add* | *21.51* | |
| | | *For Low-E Insulated Glass, Add* | *44.82* | |
| | | *For Obscure Glass, Add* | *49.30* | |
| 08 53 13 00-0442 | EA | 60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 318.08 | 65.71 |
| | | *For Colored Vinyl, Add* | *18.67* | |
| | | *For Tinted Glass, Add* | *22.40* | |
| | | *For Low-E Insulated Glass, Add* | *46.67* | |
| | | *For Obscure Glass, Add* | *51.33* | |
| 08 53 13 00-0443 | EA | 64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 326.46 | 67.86 |
| | | *For Colored Vinyl, Add* | *19.16* | |
| | | *For Tinted Glass, Add* | *22.99* | |
| | | *For Low-E Insulated Glass, Add* | *47.90* | |
| | | *For Obscure Glass, Add* | *52.69* | |
| 08 53 13 00-0444 | EA | 72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 343.21 | 70.85 |
| | | *For Colored Vinyl, Add* | *20.15* | |
| | | *For Tinted Glass, Add* | *24.18* | |
| | | *For Low-E Insulated Glass, Add* | *50.37* | |
| | | *For Obscure Glass, Add* | *55.41* | |

## 08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0446 | EA | 36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 272.58 | 56.69 |
| | | *For Colored Vinyl, Add* | *16.01* | |
| | | *For Tinted Glass, Add* | *19.21* | |
| | | *For Low-E Insulated Glass, Add* | *40.02* | |
| | | *For Obscure Glass, Add* | *44.02* | |
| 08 53 13 00-0447 | EA | 48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 297.95 | 61.84 |
| | | *For Colored Vinyl, Add* | *17.51* | |
| | | *For Tinted Glass, Add* | *21.02* | |
| | | *For Low-E Insulated Glass, Add* | *43.78* | |
| | | *For Obscure Glass, Add* | *48.16* | |
| 08 53 13 00-0448 | EA | 54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 310.66 | 63.98 |
| | | *For Colored Vinyl, Add* | *18.27* | |
| | | *For Tinted Glass, Add* | *21.92* | |
| | | *For Low-E Insulated Glass, Add* | *45.67* | |
| | | *For Obscure Glass, Add* | *50.24* | |
| 08 53 13 00-0449 | EA | 60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 323.35 | 66.57 |
| | | *For Colored Vinyl, Add* | *19.02* | |
| | | *For Tinted Glass, Add* | *22.83* | |
| | | *For Low-E Insulated Glass, Add* | *47.56* | |
| | | *For Obscure Glass, Add* | *52.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0450 | EA | 64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 331.80 | 68.72 |
| | | *For Colored Vinyl, Add* | *19.52* | |
| | | *For Tinted Glass, Add* | *23.43* | |
| | | *For Low-E Insulated Glass, Add* | *48.81* | |
| | | *For Obscure Glass, Add* | *53.69* | |
| 08 53 13 00-0451 | EA | 72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 348.72 | 71.72 |
| | | *For Colored Vinyl, Add* | *20.53* | |
| | | *For Tinted Glass, Add* | *24.63* | |
| | | *For Low-E Insulated Glass, Add* | *51.32* | |
| | | *For Obscure Glass, Add* | *56.45* | |

### 08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0453 | EA | 36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 294.78 | 59.26 |
| | | *For Colored Vinyl, Add* | *17.71* | |
| | | *For Tinted Glass, Add* | *21.25* | |
| | | *For Low-E Insulated Glass, Add* | *44.28* | |
| | | *For Obscure Glass, Add* | *48.71* | |
| 08 53 13 00-0454 | EA | 48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 312.98 | 64.42 |
| | | *For Colored Vinyl, Add* | *18.50* | |
| | | *For Tinted Glass, Add* | *22.20* | |
| | | *For Low-E Insulated Glass, Add* | *46.25* | |
| | | *For Obscure Glass, Add* | *50.88* | |
| 08 53 13 00-0455 | EA | 54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 326.07 | 66.57 |
| | | *For Colored Vinyl, Add* | *19.29* | |
| | | *For Tinted Glass, Add* | *23.15* | |
| | | *For Low-E Insulated Glass, Add* | *48.24* | |
| | | *For Obscure Glass, Add* | *53.06* | |
| 08 53 13 00-0456 | EA | 60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 339.14 | 69.14 |
| | | *For Colored Vinyl, Add* | *20.09* | |
| | | *For Tinted Glass, Add* | *24.10* | |
| | | *For Low-E Insulated Glass, Add* | *50.22* | |
| | | *For Obscure Glass, Add* | *55.24* | |
| 08 53 13 00-0457 | EA | 64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 347.88 | 71.29 |
| | | *For Colored Vinyl, Add* | *20.62* | |
| | | *For Tinted Glass, Add* | *24.74* | |
| | | *For Low-E Insulated Glass, Add* | *51.54* | |
| | | *For Obscure Glass, Add* | *56.69* | |
| 08 53 13 00-0458 | EA | 72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) | 365.31 | 74.29 |
| | | *For Colored Vinyl, Add* | *21.67* | |
| | | *For Tinted Glass, Add* | *26.01* | |
| | | *For Low-E Insulated Glass, Add* | *54.18* | |
| | | *For Obscure Glass, Add* | *59.60* | |

### 08 53 13 00-0459 Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

| | | | | |
|---|---|---|---|---|
| 08 53 13 00-0460 | EA | Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700) | 293.91 | 45.09 |
| | | *For Colored Vinyl, Add* | *20.37* | |
| | | *For Tinted Glass, Add* | *24.45* | |
| | | *For Low-E Insulated Glass, Add* | *50.93* | |
| | | *For Obscure Glass, Add* | *56.02* | |
| 08 53 13 00-0461 | EA | >73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700) | 322.93 | 49.38 |
| | | *For Colored Vinyl, Add* | *22.42* | |
| | | *For Tinted Glass, Add* | *26.90* | |
| | | *For Low-E Insulated Glass, Add* | *56.04* | |
| | | *For Obscure Glass, Add* | *61.64* | |
| 08 53 13 00-0462 | EA | >83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700) | 350.15 | 53.68 |
| | | *For Colored Vinyl, Add* | *24.28* | |
| | | *For Tinted Glass, Add* | *29.13* | |
| | | *For Low-E Insulated Glass, Add* | *60.70* | |
| | | *For Obscure Glass, Add* | *66.77* | |
| 08 53 13 00-0463 | EA | >93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700) | 370.54 | 57.98 |
| | | *For Colored Vinyl, Add* | *25.46* | |
| | | *For Tinted Glass, Add* | *30.55* | |
| | | *For Low-E Insulated Glass, Add* | *63.65* | |
| | | *For Obscure Glass, Add* | *70.01* | |
| 08 53 13 00-0464 | EA | >101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700) | 391.90 | 62.27 |
| | | *For Colored Vinyl, Add* | *26.74* | |
| | | *For Tinted Glass, Add* | *32.08* | |
| | | *For Low-E Insulated Glass, Add* | *66.84* | |
| | | *For Obscure Glass, Add* | *73.53* | |
| 08 53 13 00-0465 | EA | >110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700) | 424.81 | 66.57 |
| | | *For Colored Vinyl, Add* | *29.17* | |
| | | *For Tinted Glass, Add* | *35.00* | |
| | | *For Low-E Insulated Glass, Add* | *72.92* | |
| | | *For Obscure Glass, Add* | *80.21* | |
| 08 53 13 00-0466 | UI | >120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700) | 3.55 | 0.55 |
| | | *For Colored Vinyl, Add* | *0.24* | |
| | | *For Tinted Glass, Add* | *0.29* | |
| | | *For Low-E Insulated Glass, Add* | *0.61* | |
| | | *For Obscure Glass, Add* | *0.67* | |

### 08 53 13 00-0467 Basement Vinyl Windows *(08 53 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 53 13 00-0468 | | New Construction, Basement Vinyl Windows (Silver Line 5900) *(08 53 13 00-0467)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. | | |
| 08 53 13 00-0469 | EA | 32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900) | 176.75 | 34.36 |
| | | *For Colored Vinyl, Add* | *10.80* | |
| | | *For Tinted Glass, Add* | *12.96* | |
| | | *For Low-E Insulated Glass, Add* | *27.01* | |
| | | *For Obscure Glass, Add* | *29.71* | |
| 08 53 13 00-0470 | EA | 32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900) | 189.35 | 34.36 |
| | | *For Colored Vinyl, Add* | *12.06* | |
| | | *For Tinted Glass, Add* | *14.48* | |
| | | *For Low-E Insulated Glass, Add* | *30.16* | |
| | | *For Obscure Glass, Add* | *33.17* | |
| 08 53 13 00-0471 | EA | 32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900) | 196.55 | 34.36 |
| | | *For Colored Vinyl, Add* | *12.78* | |
| | | *For Tinted Glass, Add* | *15.34* | |
| | | *For Low-E Insulated Glass, Add* | *31.96* | |
| | | *For Obscure Glass, Add* | *35.15* | |
| 08 53 13 00-0472 | | Replacement, Basement Vinyl Windows *(08 53 13 00-0467)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height). | | |
| 08 53 13 00-0473 | EA | Up To 47" UI, Replacement, Basement Vinyl Window | 220.03 | 33.50 |
| | | *For Colored Vinyl, Add* | *15.30* | |
| | | *For Tinted Glass, Add* | *18.36* | |
| | | *For Low-E Insulated Glass, Add* | *38.26* | |
| | | *For Obscure Glass, Add* | *42.09* | |
| 08 53 13 00-0474 | EA | >47" To 55" UI, Replacement, Basement Vinyl Window | 245.64 | 38.65 |
| | | *For Colored Vinyl, Add* | *16.83* | |
| | | *For Tinted Glass, Add* | *20.20* | |
| | | *For Low-E Insulated Glass, Add* | *42.09* | |
| | | *For Obscure Glass, Add* | *46.29* | |
| 08 53 13 00-0475 | UI | >55" UI, Replacement, Basement Vinyl Window | 4.18 | 0.55 |
| | | *For Colored Vinyl, Add* | *0.31* | |
| | | *For Tinted Glass, Add* | *0.37* | |
| | | *For Low-E Insulated Glass, Add* | *0.77* | |
| | | *For Obscure Glass, Add* | *0.84* | |
| 08 53 13 00-0476 | | Accessories For Vinyl Windows *(08 53 13)* | | |
| 08 53 13 00-0477 | | Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0476)* | | |
| 08 53 13 00-0478 | | Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)* | | |
| 08 53 13 00-0479 | EA | Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows | 25.21 | |
| 08 53 13 00-0480 | EA | >9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows | 32.41 | |
| 08 53 13 00-0481 | EA | >18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows | 41.74 | |
| 08 53 13 00-0482 | EA | >24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows | 49.27 | |
| 08 53 13 00-0483 | EA | >36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows | 60.56 | |
| 08 53 13 00-0484 | | Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)* | | |
| 08 53 13 00-0485 | EA | Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows | 57.29 | |
| 08 53 13 00-0486 | EA | >9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows | 68.75 | |
| 08 53 13 00-0487 | EA | >18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows | 86.75 | |
| 08 53 13 00-0488 | EA | >24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows | 108.03 | |
| 08 53 13 00-0489 | EA | >36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows | 129.31 | |
| **08 53 66** | | **Vinyl Window Screens** *(08 53)* | | |
| 08 53 66 00-0001 | | Insect Screens For Vinyl Windows *(08 53 66)* | | |
| 08 53 66 00-0002 | EA | Up To 6 SF, Insect Screen For Vinyl Windows | 30.13 | 6.88 |
| 08 53 66 00-0003 | EA | >6 To 9 SF, Insect Screen For Vinyl Windows | 39.95 | 6.88 |
| 08 53 66 00-0004 | EA | >9 To 12 SF, Insect Screen For Vinyl Windows | 43.22 | 6.88 |
| 08 53 66 00-0005 | EA | >12 To 15 SF, Insect Screen For Vinyl Windows | 49.77 | 6.88 |
| 08 53 66 00-0006 | EA | >15 To 20 SF, Insect Screen For Vinyl Windows | 64.50 | 6.88 |
| 08 53 66 00-0007 | EA | >20 To 25 SF, Insect Screen For Vinyl Windows | 71.05 | 6.88 |
| 08 53 66 00-0008 | EA | >25 To 30 SF, Insect Screen For Vinyl Windows | 80.87 | 6.88 |
| 08 53 66 00-0009 | EA | >30 To 35 SF, Insect Screen For Vinyl Windows | 87.42 | 6.88 |
| 08 53 66 00-0010 | SF | >35 SF, Insect Screen For Vinyl Windows | 2.63 | 0.14 |

## 08 56 Special Function Windows *(08 50)*

**08 56 19 Pass Windows** *(08 56)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 56 19 00-0001 | | Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)* | | |
| | | Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR) | | |
| 08 56 19 00-0002 | EA | 24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame | 4,494.14 | 577.09 |
| | | *For 1.375" Acrylic Level II Bullet Resistant Glazing, Add* | *45.00* | |
| | | *For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add* | *295.00* | |
| 08 56 19 00-0003 | EA | 30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame | 4,963.59 | 625.18 |
| | | *For 1.375" Acrylic Level II Bullet Resistant Glazing, Add* | *60.00* | |
| | | *For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add* | *370.00* | |
| 08 56 19 00-0004 | EA | 36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame | 5,214.48 | 673.28 |
| | | *For 1.375" Acrylic Level II Bullet Resistant Glazing, Add* | *70.00* | |
| | | *For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add* | *445.00* | |
| 08 56 19 00-0005 | EA | 48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame | 6,540.83 | 769.46 |
| | | *For 1.375" Acrylic Level II Bullet Resistant Glazing, Add* | *100.00* | |
| | | *For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add* | *650.00* | |
| 08 56 19 00-0006 | EA | 72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame | 8,782.54 | 1,154.19 |
| | | *For 1.375" Acrylic Level II Bullet Resistant Glazing, Add* | *150.00* | |
| | | *For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add* | *975.00* | |
| **08 56 49** | | **Radiation Shielding Windows** *(08 56)* | | |
| 08 56 49 00-0001 | | Lead Lined Window Frames *(08 56 49)* | | |
| 08 56 49 00-0002 | LF | 1/16" Lead Lined, 16 Gauge Telescoping Window Frame | 43.83 | 6.44 |
| 08 56 49 00-0003 | LF | 1/8" Lead Lined, 16 Gauge Telescoping Window Frame | 49.69 | 6.44 |
| **08 56 56** | | **Security Window Screens** *(08 56)* | | |
| | | Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware. | | |
| 08 56 56 00-0001 | | Wire Mesh Security Screen *(08 56 56)* | | |
| 08 56 56 00-0002 | | Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)* | | |
| 08 56 56 00-0003 | SF | 13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen | 21.49 | 4.33 |
| | | *For Painted Steel, Add* | *1.57* | |
| | | *For Galvanized Steel, Add* | *3.14* | |
| | | *For Aluminum, Add* | *6.29* | |
| | | *For Stainless Steel, Add* | *27.51* | |
| 08 56 56 00-0004 | SF | 11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen | 21.94 | 4.33 |
| | | *For Painted Steel, Add* | *1.62* | |
| | | *For Galvanized Steel, Add* | *3.23* | |
| | | *For Aluminum, Add* | *6.47* | |
| | | *For Stainless Steel, Add* | *28.30* | |
| 08 56 56 00-0005 | SF | 9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen | 24.01 | 4.33 |
| | | *For Painted Steel, Add* | *1.82* | |
| | | *For Galvanized Steel, Add* | *3.65* | |
| | | *For Aluminum, Add* | *7.30* | |
| | | *For Stainless Steel, Add* | *31.92* | |
| 08 56 56 00-0006 | SF | 6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen | 28.44 | 4.33 |
| | | *For Painted Steel, Add* | *2.27* | |
| | | *For Galvanized Steel, Add* | *4.53* | |
| | | *For Aluminum, Add* | *9.07* | |
| | | *For Stainless Steel, Add* | *39.67* | |
| 08 56 56 00-0007 | | Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)* | | |
| 08 56 56 00-0008 | SF | 13 Gauge, Wire Mesh, Operable, Steel Security Window Screen | 30.08 | 5.29 |
| | | *For Painted Steel, Add* | *2.24* | |
| | | *For Galvanized Steel, Add* | *4.48* | |
| | | *For Aluminum, Add* | *8.96* | |
| | | *For Stainless Steel, Add* | *39.18* | |
| 08 56 56 00-0009 | SF | 11 Gauge, Wire Mesh, Operable, Steel Security Window Screen | 30.76 | 5.29 |
| | | *For Painted Steel, Add* | *2.31* | |
| | | *For Galvanized Steel, Add* | *4.61* | |
| | | *For Aluminum, Add* | *9.23* | |
| | | *For Stainless Steel, Add* | *40.37* | |
| 08 56 56 00-0010 | SF | 9 Gauge, Wire Mesh, Operable, Steel Security Window Screen | 33.73 | 5.29 |
| | | *For Painted Steel, Add* | *2.60* | |
| | | *For Galvanized Steel, Add* | *5.21* | |
| | | *For Aluminum, Add* | *10.42* | |
| | | *For Stainless Steel, Add* | *45.57* | |
| 08 56 56 00-0011 | SF | 6 Gauge, Wire Mesh, Operable, Steel Security Window Screen | 39.95 | 5.29 |
| | | *For Painted Steel, Add* | *3.23* | |
| | | *For Galvanized Steel, Add* | *6.45* | |
| | | *For Aluminum, Add* | *12.90* | |
| | | *For Stainless Steel, Add* | *56.46* | |
| 08 56 56 00-0012 | | Wire Cloth Security Screen *(08 56 56)* | | |
| | | Note: Wire cloth has from 10 to 12 strands per 1". | | |
| 08 56 56 00-0013 | | Wire Cloth, Inoperable, Security Window Screens *(08 56 56 00-0012)* | | |
| 08 56 56 00-0014 | SF | 24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen | 14.18 | 2.88 |
| | | *For Painted Steel, Add* | *0.47* | |
| | | *For Galvanized Steel, Add* | *1.41* | |
| | | *For Aluminum, Add* | *2.81* | |
| | | *For Stainless Steel, Add* | *11.71* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 56 56 00-0015 | SF | 22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen | 14.81 | 2.88 |
| | | *For Painted Steel, Add* | *0.50* | |
| | | *For Galvanized Steel, Add* | *1.50* | |
| | | *For Aluminum, Add* | *3.00* | |
| | | *For Stainless Steel, Add* | *12.50* | |
| 08 56 56 00-0016 | SF | 20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen | 15.80 | 2.88 |
| | | *For Painted Steel, Add* | *0.55* | |
| | | *For Galvanized Steel, Add* | *1.65* | |
| | | *For Aluminum, Add* | *3.30* | |
| | | *For Stainless Steel, Add* | *13.74* | |
| 08 56 56 00-0017 | SF | 18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen | 17.70 | 2.88 |
| | | *For Painted Steel, Add* | *0.64* | |
| | | *For Galvanized Steel, Add* | *1.93* | |
| | | *For Aluminum, Add* | *3.87* | |
| | | *For Stainless Steel, Add* | *16.11* | |
| **08 56 56 00-0018** | | **Wire Cloth, Operable, Security Window Screens** *(08 56 56 00-0012)* | | |
| 08 56 56 00-0019 | SF | 24 Gauge, Wire Cloth, Operable, Steel Security Window Screen | 19.13 | 3.85 |
| | | *For Painted Steel, Add* | *0.67* | |
| | | *For Galvanized Steel, Add* | *2.00* | |
| | | *For Aluminum, Add* | *4.01* | |
| | | *For Stainless Steel, Add* | *16.70* | |
| 08 56 56 00-0020 | SF | 22 Gauge, Wire Cloth, Operable, Steel Security Window Screen | 20.10 | 3.85 |
| | | *For Painted Steel, Add* | *0.72* | |
| | | *For Galvanized Steel, Add* | *2.15* | |
| | | *For Aluminum, Add* | *4.30* | |
| | | *For Stainless Steel, Add* | *17.91* | |
| 08 56 56 00-0021 | SF | 20 Gauge, Wire Cloth, Operable, Steel Security Window Screen | 21.45 | 3.85 |
| | | *For Painted Steel, Add* | *0.78* | |
| | | *For Galvanized Steel, Add* | *2.35* | |
| | | *For Aluminum, Add* | *4.70* | |
| | | *For Stainless Steel, Add* | *19.60* | |
| 08 56 56 00-0022 | SF | 18 Gauge, Wire Cloth, Operable, Steel Security Window Screen | 24.15 | 3.85 |
| | | *For Painted Steel, Add* | *0.92* | |
| | | *For Galvanized Steel, Add* | *2.76* | |
| | | *For Aluminum, Add* | *5.51* | |
| | | *For Stainless Steel, Add* | *22.98* | |
| **08 56 56 00-0023** | | **Expanded Metal Security Screen** *(08 56 56)* | | |
| | | Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge. | | |
| **08 56 56 00-0024** | | **Expanded Metal, Inoperable, Security Screen** *(08 56 56 00-0023)* | | |
| 08 56 56 00-0025 | SF | 1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen | 26.94 | 7.21 |
| | | *For Painted Steel, Add* | *0.91* | |
| | | *For Galvanized Steel, Add* | *2.74* | |
| | | *For Aluminum, Add* | *5.49* | |
| | | *For Stainless Steel, Add* | *22.86* | |
| 08 56 56 00-0026 | SF | 1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen | 31.49 | 8.65 |
| | | *For Painted Steel, Add* | *1.05* | |
| | | *For Galvanized Steel, Add* | *3.14* | |
| | | *For Aluminum, Add* | *6.27* | |
| | | *For Stainless Steel, Add* | *26.14* | |
| 08 56 56 00-0027 | SF | 3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen | 35.30 | 10.58 |
| | | *For Painted Steel, Add* | *1.14* | |
| | | *For Galvanized Steel, Add* | *3.42* | |
| | | *For Aluminum, Add* | *6.84* | |
| | | *For Stainless Steel, Add* | *28.50* | |
| 08 56 56 00-0028 | SF | 3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen | 41.43 | 12.50 |
| | | *For Painted Steel, Add* | *1.30* | |
| | | *For Galvanized Steel, Add* | *3.91* | |
| | | *For Aluminum, Add* | *7.81* | |
| | | *For Stainless Steel, Add* | *32.55* | |
| 08 56 56 00-0029 | SF | 1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen | 38.58 | 12.02 |
| | | *For Painted Steel, Add* | *1.21* | |
| | | *For Galvanized Steel, Add* | *3.62* | |
| | | *For Aluminum, Add* | *7.25* | |
| | | *For Stainless Steel, Add* | *30.19* | |
| 08 56 56 00-0030 | SF | 3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen | 48.64 | 15.39 |
| | | *For Painted Steel, Add* | *1.52* | |
| | | *For Galvanized Steel, Add* | *4.56* | |
| | | *For Aluminum, Add* | *9.11* | |
| | | *For Stainless Steel, Add* | *37.96* | |
| **08 56 56 00-0031** | | **Expanded Metal, Operable, Security Screen** *(08 56 56 00-0023)* | | |
| 08 56 56 00-0032 | SF | 1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen | 28.81 | 8.65 |
| | | *For Painted Steel, Add* | *0.91* | |
| | | *For Galvanized Steel, Add* | *2.73* | |
| | | *For Aluminum, Add* | *5.47* | |
| | | *For Stainless Steel, Add* | *22.79* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 56 56 00-0033 | SF | 1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen | 42.33 | 10.58 |
| | | *For Painted Steel, Add* | *1.49* | |
| | | *For Galvanized Steel, Add* | *4.47* | |
| | | *For Aluminum, Add* | *8.95* | |
| | | *For Stainless Steel, Add* | *37.29* | |
| 08 56 56 00-0034 | SF | 3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen | 46.96 | 12.02 |
| | | *For Painted Steel, Add* | *1.63* | |
| | | *For Galvanized Steel, Add* | *4.88* | |
| | | *For Aluminum, Add* | *9.76* | |
| | | *For Stainless Steel, Add* | *40.66* | |
| 08 56 56 00-0035 | SF | 1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen | 50.78 | 13.46 |
| | | *For Painted Steel, Add* | *1.72* | |
| | | *For Galvanized Steel, Add* | *5.16* | |
| | | *For Aluminum, Add* | *10.33* | |
| | | *For Stainless Steel, Add* | *43.04* | |
| 08 56 56 00-0036 | SF | 3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen | 55.38 | 15.39 |
| | | *For Painted Steel, Add* | *1.86* | |
| | | *For Galvanized Steel, Add* | *5.57* | |
| | | *For Aluminum, Add* | *11.13* | |
| | | *For Stainless Steel, Add* | *46.39* | |
| 08 56 56 00-0037 | SF | 3 LB/SF Expanded Metal, Operable, Steel Security Window Screen | 63.46 | 16.83 |
| | | *For Painted Steel, Add* | *2.16* | |
| | | *For Galvanized Steel, Add* | *6.49* | |
| | | *For Aluminum, Add* | *12.98* | |
| | | *For Stainless Steel, Add* | *54.08* | |

08 56 56 00-0038 Perforated Metal Security Screen *(08 56 56)*

08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*

| | | | | |
|---|---|---|---|---|
| 08 56 56 00-0040 | SF | 22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen | 23.97 | 4.33 |
| | | *For Painted Steel, Add* | *0.91* | |
| | | *For Galvanized Steel, Add* | *2.73* | |
| | | *For Aluminum, Add* | *5.46* | |
| | | *For Stainless Steel, Add* | *18.20* | |
| 08 56 56 00-0041 | SF | 20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen | 24.70 | 4.33 |
| | | *For Painted Steel, Add* | *0.95* | |
| | | *For Galvanized Steel, Add* | *2.84* | |
| | | *For Aluminum, Add* | *5.68* | |
| | | *For Stainless Steel, Add* | *18.93* | |
| 08 56 56 00-0042 | SF | 18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen | 27.13 | 4.33 |
| | | *For Painted Steel, Add* | *1.07* | |
| | | *For Galvanized Steel, Add* | *3.20* | |
| | | *For Aluminum, Add* | *6.41* | |
| | | *For Stainless Steel, Add* | *21.36* | |
| 08 56 56 00-0043 | SF | 16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen | 31.72 | 4.33 |
| | | *For Painted Steel, Add* | *1.30* | |
| | | *For Galvanized Steel, Add* | *3.89* | |
| | | *For Aluminum, Add* | *7.79* | |
| | | *For Stainless Steel, Add* | *25.95* | |

08 56 56 00-0044 Perforated Metal, Operable, Steel Security Window Screen *(08 56 56 00-0038)*

| | | | | |
|---|---|---|---|---|
| 08 56 56 00-0045 | SF | 22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen | 33.55 | 5.29 |
| | | *For Painted Steel, Add* | *1.29* | |
| | | *For Galvanized Steel, Add* | *3.88* | |
| | | *For Aluminum, Add* | *7.76* | |
| | | *For Stainless Steel, Add* | *25.86* | |
| 08 56 56 00-0046 | SF | 20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen | 34.82 | 5.29 |
| | | *For Painted Steel, Add* | *1.36* | |
| | | *For Galvanized Steel, Add* | *4.07* | |
| | | *For Aluminum, Add* | *8.14* | |
| | | *For Stainless Steel, Add* | *27.13* | |
| 08 56 56 00-0047 | SF | 18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen | 37.97 | 5.29 |
| | | *For Painted Steel, Add* | *1.51* | |
| | | *For Galvanized Steel, Add* | *4.54* | |
| | | *For Aluminum, Add* | *9.08* | |
| | | *For Stainless Steel, Add* | *30.28* | |
| 08 56 56 00-0048 | SF | 16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen | 44.55 | 5.29 |
| | | *For Painted Steel, Add* | *1.84* | |
| | | *For Galvanized Steel, Add* | *5.53* | |
| | | *For Aluminum, Add* | *11.06* | |
| | | *For Stainless Steel, Add* | *36.86* | |

08 56 56 00-0049 Removal And Reinstallation Of Security Screens And Guards *(08 56 56)*

| | | | | |
|---|---|---|---|---|
| 08 56 56 00-0050 | SF | Removal And Reinstallation Of Security Screens | 12.09 | |

## 08 60 Roof Windows and Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

### 08 62 Unit Skylights *(08 60)*

**08 62 23 Tubular Skylights** *(08 62)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 62 23 00-0001 | | **Aluminum Framed Solar Tube Skylights** *(08 62 23)*<br>Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip. | | |
| 08 62 23 00-0002 | | **31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights** *(08 62 23 00-0001)* | | |
| 08 62 23 00-0003 | EA | 2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,077.54 | 135.53 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *887.86* | |
| 08 62 23 00-0004 | EA | 3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,140.45 | 138.92 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *888.53* | |
| 08 62 23 00-0005 | EA | 4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,201.50 | 142.30 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *889.21* | |
| 08 62 23 00-0006 | EA | 5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,288.73 | 145.69 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *889.89* | |
| 08 62 23 00-0007 | EA | 6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,364.75 | 149.08 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *890.57* | |
| 08 62 23 00-0008 | EA | 7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,425.79 | 152.46 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *891.24* | |
| 08 62 23 00-0009 | EA | 8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,486.82 | 155.86 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *891.92* | |
| 08 62 23 00-0010 | EA | 9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,589.03 | 159.25 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *892.60* | |
| 08 62 23 00-0011 | EA | 10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,650.08 | 162.63 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *893.28* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 62 23 00-0012 | EA | 11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,712.99 | 166.02 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *893.95* | |
| 08 62 23 00-0013 | EA | 12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,774.03 | 169.41 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *894.63* | |
| 08 62 23 00-0014 | EA | 13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,876.23 | 172.80 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *895.31* | |
| 08 62 23 00-0015 | EA | 14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,937.29 | 176.19 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *895.99* | |
| 08 62 23 00-0016 | EA | 15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,998.32 | 179.57 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *896.67* | |
| 08 62 23 00-0017 | EA | 16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,059.36 | 182.96 |
| | | *For Class 3 Hail Rated, Add* | *4.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *7.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *20.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *49.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *69.00* | |
| | | *For Single Blade Louver, Add* | *897.34* | |

### 08 62 23 00-0018 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 62 23 00-0019 | EA | 2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,330.15 | 135.53 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *887.86* | |
| 08 62 23 00-0020 | EA | 3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,417.39 | 138.92 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *888.53* | |
| 08 62 23 00-0021 | EA | 4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,504.63 | 142.30 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *889.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 62 23 00-0022 | EA | 5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,591.86 | 145.69 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *889.89* | |
| 08 62 23 00-0023 | EA | 6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,735.25 | 149.08 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *890.57* | |
| 08 62 23 00-0024 | EA | 7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,822.48 | 152.46 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *891.24* | |
| 08 62 23 00-0025 | EA | 8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,909.71 | 155.86 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *891.92* | |
| 08 62 23 00-0026 | EA | 9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,053.09 | 159.25 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *892.60* | |
| 08 62 23 00-0027 | EA | 10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,140.33 | 162.63 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *893.28* | |
| 08 62 23 00-0028 | EA | 11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,227.57 | 166.02 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *893.95* | |
| 08 62 23 00-0029 | EA | 12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,314.81 | 169.41 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *894.63* | |
| 08 62 23 00-0030 | EA | 13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,458.17 | 172.80 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *895.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 62 23 00-0031 | EA | 14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,545.43 | 176.19 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *895.99* | |
| 08 62 23 00-0032 | EA | 15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,632.66 | 179.57 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *896.67* | |
| 08 62 23 00-0033 | EA | 16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,719.89 | 182.96 |
| | | *For Class 3 Hail Rated, Add* | *5.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *8.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *14.00* | |
| | | *For FM Approved, Add* | *22.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *50.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *86.00* | |
| | | *For Single Blade Louver, Add* | *897.34* | |

## 08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 08 62 23 00-0035 | EA | 2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,800.03 | 152.46 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *891.24* | |
| 08 62 23 00-0036 | EA | 3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 1,922.81 | 155.86 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *891.92* | |
| 08 62 23 00-0037 | EA | 4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,047.48 | 159.25 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *892.60* | |
| 08 62 23 00-0038 | EA | 5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,170.27 | 162.63 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *893.28* | |
| 08 62 23 00-0039 | EA | 6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,367.91 | 166.02 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *893.95* | |
| 08 62 23 00-0040 | EA | 7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,490.70 | 169.41 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *894.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 62 23 00-0041 | EA | 8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,613.48 | 172.80 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *895.31* | |
| 08 62 23 00-0042 | EA | 9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,813.01 | 176.19 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *895.99* | |
| 08 62 23 00-0043 | EA | 10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 2,935.79 | 179.57 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *896.67* | |
| 08 62 23 00-0044 | EA | 11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 3,058.58 | 182.96 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *897.34* | |
| 08 62 23 00-0045 | EA | 12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 3,181.37 | 186.35 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *898.02* | |
| 08 62 23 00-0046 | EA | 13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 3,379.01 | 189.74 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *898.70* | |
| 08 62 23 00-0047 | EA | 14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 3,501.81 | 193.13 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *899.38* | |
| 08 62 23 00-0048 | EA | 15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 3,626.46 | 196.52 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *900.05* | |
| 08 62 23 00-0049 | EA | 16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight | 3,749.25 | 199.90 |
| | | *For Class 3 Hail Rated, Add* | *10.00* | |
| | | *For Polycarbonate Diffuser Lens, Add* | *14.00* | |
| | | *For High Velocity Hurricane Zone Rated, Add* | *22.00* | |
| | | *For FM Approved, Add* | *36.00* | |
| | | *For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *95.00* | |
| | | *For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add* | *145.00* | |
| | | *For Single Blade Louver, Add* | *900.73* | |

## 08 63 Metal-Framed Skylights *(08 60)*

### 08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Domed Aluminum Framed Skylights *(08 63 13)*

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 63 13 00-0002 | | Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)* | | |
| 08 63 13 00-0003 | | Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)* | | |
| 08 63 13 00-0004 | | Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)* | | |
| | | Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb. | | |
| 08 63 13 00-0005 | EA | 27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 361.68 | 67.77 |
| 08 63 13 00-0006 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 426.03 | 67.77 |
| 08 63 13 00-0007 | EA | 27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 595.56 | 76.24 |
| 08 63 13 00-0008 | EA | 27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 675.03 | 84.71 |
| 08 63 13 00-0009 | EA | 39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 459.12 | 67.77 |
| 08 63 13 00-0010 | EA | 39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 571.66 | 76.24 |
| 08 63 13 00-0011 | EA | 39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 612.11 | 76.24 |
| 08 63 13 00-0012 | EA | 39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 708.12 | 84.71 |
| 08 63 13 00-0013 | EA | 39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 831.70 | 93.18 |
| 08 63 13 00-0014 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 579.02 | 76.24 |
| 08 63 13 00-0015 | EA | 51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 640.09 | 84.71 |
| 08 63 13 00-0016 | EA | 51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 717.31 | 84.71 |
| 08 63 13 00-0017 | EA | 51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 789.41 | 93.18 |
| 08 63 13 00-0018 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 876.22 | 101.65 |
| 08 63 13 00-0019 | EA | 52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 990.60 | 110.12 |
| 08 63 13 00-0020 | EA | 63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 695.25 | 84.71 |
| 08 63 13 00-0021 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 765.51 | 93.18 |
| 08 63 13 00-0022 | EA | 63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 878.06 | 101.65 |
| 08 63 13 00-0023 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 925.86 | 101.65 |
| 08 63 13 00-0024 | EA | 63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 1,077.02 | 110.12 |
| 08 63 13 00-0025 | | Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)* | | |
| | | Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb. | | |
| 08 63 13 00-0026 | EA | 27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 453.61 | 67.77 |
| 08 63 13 00-0027 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 516.12 | 67.77 |
| 08 63 13 00-0028 | EA | 27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 667.27 | 76.24 |
| 08 63 13 00-0029 | EA | 27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 748.57 | 84.71 |
| 08 63 13 00-0030 | EA | 39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 525.31 | 67.77 |
| 08 63 13 00-0031 | EA | 39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 623.14 | 76.24 |
| 08 63 13 00-0032 | EA | 39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 667.27 | 76.24 |
| 08 63 13 00-0033 | EA | 39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 770.63 | 84.71 |
| 08 63 13 00-0034 | EA | 39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 868.47 | 93.18 |
| 08 63 13 00-0035 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 630.50 | 76.24 |
| 08 63 13 00-0036 | EA | 51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 698.93 | 84.71 |
| 08 63 13 00-0037 | EA | 51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 748.57 | 84.71 |
| 08 63 13 00-0038 | EA | 51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 824.34 | 93.18 |
| 08 63 13 00-0039 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 894.60 | 101.65 |
| 08 63 13 00-0040 | EA | 52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 1,010.83 | 110.12 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 63 13 00-0041 | EA | 63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 755.92 | 84.71 |
| 08 63 13 00-0042 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 831.70 | 93.18 |
| 08 63 13 00-0043 | EA | 63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 916.67 | 101.65 |
| 08 63 13 00-0044 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 968.15 | 101.65 |
| 08 63 13 00-0045 | EA | 63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 1,104.60 | 110.12 |

### 08 63 13 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

| | | | | |
|---|---|---|---|---|
| 08 63 13 00-0047 | EA | 27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 460.96 | 67.77 |
| 08 63 13 00-0048 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 530.83 | 67.77 |
| 08 63 13 00-0049 | EA | 27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 687.49 | 76.24 |
| 08 63 13 00-0050 | EA | 39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 543.70 | 67.77 |
| 08 63 13 00-0051 | EA | 39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 648.88 | 76.24 |
| 08 63 13 00-0052 | EA | 39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 687.49 | 76.24 |
| 08 63 13 00-0053 | EA | 39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 792.70 | 84.71 |
| 08 63 13 00-0054 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 647.04 | 76.24 |
| 08 63 13 00-0055 | EA | 51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 713.64 | 84.71 |
| 08 63 13 00-0056 | EA | 51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 772.47 | 84.71 |
| 08 63 13 00-0057 | EA | 51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 848.25 | 93.18 |
| 08 63 13 00-0058 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 924.02 | 101.65 |
| 08 63 13 00-0059 | EA | 63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 777.99 | 84.71 |
| 08 63 13 00-0060 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 861.12 | 93.18 |
| 08 63 13 00-0061 | EA | 63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 946.08 | 101.65 |
| 08 63 13 00-0062 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 997.57 | 101.65 |

### 08 63 13 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

| | | | | |
|---|---|---|---|---|
| 08 63 13 00-0064 | EA | 27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 473.83 | 67.77 |
| 08 63 13 00-0065 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 551.05 | 67.77 |
| 08 63 13 00-0066 | EA | 27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 705.88 | 76.24 |
| 08 63 13 00-0067 | EA | 27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 814.76 | 84.71 |
| 08 63 13 00-0068 | EA | 39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 562.09 | 67.77 |
| 08 63 13 00-0069 | EA | 39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 665.43 | 76.24 |
| 08 63 13 00-0070 | EA | 39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 705.88 | 76.24 |
| 08 63 13 00-0071 | EA | 39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 820.27 | 84.71 |
| 08 63 13 00-0072 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 667.27 | 76.24 |
| 08 63 13 00-0073 | EA | 51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 733.86 | 84.71 |
| 08 63 13 00-0074 | EA | 51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 798.21 | 84.71 |
| 08 63 13 00-0075 | EA | 51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 875.83 | 93.18 |
| 08 63 13 00-0076 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 953.44 | 101.65 |
| 08 63 13 00-0077 | EA | 63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 805.57 | 84.71 |
| 08 63 13 00-0078 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 888.70 | 93.18 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 63 13 00-0079 | EA | 63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 975.50 | 101.65 |
| 08 63 13 00-0080 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight | 1,030.66 | 101.65 |
| 08 63 13 00-0081 | | Curb Top Inserts *(08 63 13 00-0003)* | | |
| | | Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb. | | |
| 08 63 13 00-0082 | | Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)* | | |
| 08 63 13 00-0083 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert | 135.13 | 33.88 |
| 08 63 13 00-0084 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert | 197.87 | 38.11 |
| 08 63 13 00-0085 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert | 348.65 | 50.82 |
| 08 63 13 00-0086 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert | 323.34 | 46.58 |
| 08 63 13 00-0087 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert | 401.04 | 50.82 |
| 08 63 13 00-0088 | | Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)* | | |
| 08 63 13 00-0089 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert | 211.85 | 33.88 |
| 08 63 13 00-0090 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert | 345.69 | 38.11 |
| 08 63 13 00-0091 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert | 616.23 | 50.82 |
| 08 63 13 00-0092 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert | 607.76 | 46.58 |
| 08 63 13 00-0093 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert | 771.54 | 50.82 |
| 08 63 13 00-0094 | | Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)* | | |
| 08 63 13 00-0095 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert | 286.70 | 33.88 |
| 08 63 13 00-0096 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert | 486.03 | 38.11 |
| 08 63 13 00-0097 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert | 945.56 | 50.82 |
| 08 63 13 00-0098 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert | 873.47 | 46.58 |
| 08 63 13 00-0099 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert | 1,115.84 | 50.82 |
| 08 63 13 00-0100 | | Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)* | | |
| 08 63 13 00-0101 | | Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)* | | |
| | | Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb. | | |
| 08 63 13 00-0102 | EA | 27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight | 328.58 | 67.77 |
| 08 63 13 00-0103 | EA | 39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight | 407.64 | 67.77 |
| 08 63 13 00-0104 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight | 527.53 | 76.24 |
| 08 63 13 00-0105 | EA | 63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight | 675.03 | 84.71 |
| 08 63 13 00-0106 | | Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)* | | |
| | | Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb. | | |
| 08 63 13 00-0107 | EA | 27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight | 471.99 | 67.77 |
| 08 63 13 00-0108 | EA | 39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight | 554.73 | 67.77 |
| 08 63 13 00-0109 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight | 661.75 | 76.24 |
| 08 63 13 00-0110 | EA | 63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight | 798.21 | 84.71 |
| 08 63 13 00-0111 | | Double Hip Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)* | | |
| 08 63 13 00-0112 | | Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)* | | |
| | | Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb. | | |
| 08 63 13 00-0113 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 396.61 | 67.77 |
| 08 63 13 00-0114 | EA | 27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 540.40 | 76.24 |
| 08 63 13 00-0115 | EA | 27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 645.61 | 84.71 |
| 08 63 13 00-0116 | EA | 39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 501.79 | 76.24 |
| 08 63 13 00-0117 | EA | 39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 540.40 | 76.24 |
| 08 63 13 00-0118 | EA | 39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 667.67 | 84.71 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 63 13 00-0119 | EA | 39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 793.09 | 93.18 |
| 08 63 13 00-0120 | EA | 51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 590.45 | 84.71 |
| 08 63 13 00-0121 | EA | 51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 645.61 | 84.71 |
| 08 63 13 00-0122 | EA | 51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 723.22 | 93.18 |
| 08 63 13 00-0123 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 795.32 | 101.65 |
| 08 63 13 00-0124 | EA | 52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 950.15 | 110.12 |
| 08 63 13 00-0125 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 745.28 | 93.18 |
| 08 63 13 00-0126 | EA | 63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 850.48 | 101.65 |
| 08 63 13 00-0127 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 907.47 | 101.65 |
| 08 63 13 00-0128 | EA | 63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 1,056.79 | 110.12 |

### 08 63 13 00-0129 Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

| | | | | |
|---|---|---|---|---|
| 08 63 13 00-0130 | EA | 27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 459.12 | 67.77 |
| 08 63 13 00-0131 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 525.31 | 67.77 |
| 08 63 13 00-0132 | EA | 27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 676.46 | 76.24 |
| 08 63 13 00-0133 | EA | 39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 538.18 | 67.77 |
| 08 63 13 00-0134 | EA | 39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 602.92 | 76.24 |
| 08 63 13 00-0135 | EA | 39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 637.85 | 76.24 |
| 08 63 13 00-0136 | EA | 39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 676.46 | 76.24 |
| 08 63 13 00-0137 | EA | 39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 783.50 | 84.71 |
| 08 63 13 00-0138 | EA | 51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 639.69 | 76.24 |
| 08 63 13 00-0139 | EA | 51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 706.28 | 84.71 |
| 08 63 13 00-0140 | EA | 51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 761.44 | 84.71 |
| 08 63 13 00-0141 | EA | 51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 835.38 | 93.18 |
| 08 63 13 00-0142 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 909.31 | 101.65 |
| 08 63 13 00-0143 | EA | 63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 765.12 | 84.71 |
| 08 63 13 00-0144 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 848.25 | 93.18 |
| 08 63 13 00-0145 | EA | 63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 931.38 | 101.65 |
| 08 63 13 00-0146 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 981.02 | 101.65 |

### 08 63 13 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

| | | | | |
|---|---|---|---|---|
| 08 63 13 00-0148 | EA | 27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 519.80 | 67.77 |
| 08 63 13 00-0149 | EA | 27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 700.36 | 76.24 |
| 08 63 13 00-0150 | EA | 39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 658.08 | 76.24 |
| 08 63 13 00-0151 | EA | 39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 700.36 | 76.24 |
| 08 63 13 00-0152 | EA | 39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 812.92 | 84.71 |
| 08 63 13 00-0153 | EA | 51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 728.34 | 84.71 |
| 08 63 13 00-0154 | EA | 51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 789.02 | 84.71 |
| 08 63 13 00-0155 | EA | 51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 868.47 | 93.18 |
| 08 63 13 00-0156 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 938.73 | 101.65 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 63 13 00-0157 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 881.34 | 93.18 |
| 08 63 13 00-0158 | EA | 63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 968.15 | 101.65 |
| 08 63 13 00-0159 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight | 1,021.47 | 101.65 |
| 08 63 13 00-0160 | | Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)* | | |
| 08 63 13 00-0161 | | Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)*<br>Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing. | | |
| 08 63 13 00-0162 | | Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)* | | |
| 08 63 13 00-0163 | | 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)* | | |
| 08 63 13 00-0164 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 2,350.77 | 101.65 |
| 08 63 13 00-0165 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 2,183.46 | 101.65 |
| 08 63 13 00-0166 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 2,473.96 | 101.65 |
| 08 63 13 00-0167 | | 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)* | | |
| 08 63 13 00-0168 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,084.38 | 101.65 |
| 08 63 13 00-0169 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 2,924.42 | 101.65 |
| 08 63 13 00-0170 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,251.69 | 101.65 |
| 08 63 13 00-0171 | | 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)* | | |
| 08 63 13 00-0172 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,295.82 | 101.65 |
| 08 63 13 00-0173 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,132.18 | 101.65 |
| 08 63 13 00-0174 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,459.45 | 101.65 |
| 08 63 13 00-0175 | | Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)* | | |
| 08 63 13 00-0176 | | 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)* | | |
| 08 63 13 00-0177 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 2,361.81 | 101.65 |
| 08 63 13 00-0178 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 2,194.49 | 101.65 |
| 08 63 13 00-0179 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 2,490.51 | 101.65 |
| 08 63 13 00-0180 | | 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)* | | |
| 08 63 13 00-0181 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,099.09 | 101.65 |
| 08 63 13 00-0182 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 2,935.45 | 101.65 |
| 08 63 13 00-0183 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,270.07 | 101.65 |
| 08 63 13 00-0184 | | 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)* | | |
| 08 63 13 00-0185 | EA | 52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,306.85 | 101.65 |
| 08 63 13 00-0186 | EA | 63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,143.21 | 101.65 |
| 08 63 13 00-0187 | EA | 63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight | 3,477.84 | 101.65 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 08 66 Wood-Framed Skylights *(08 60)*

### 08 66 00 00-0001 Wood-Framed Skylights (Andersen 400 Series) *(08 66)*

| | | | | |
|---|---|---|---|---|
| 08 66 00 00-0002 | EA | 16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series) | 662.72 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *112.00* | |
| | | *For Aluminum Shingle Flashing, Add* | *89.60* | |
| 08 66 00 00-0003 | EA | 16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series) | 681.01 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *116.57* | |
| | | *For Aluminum Shingle Flashing, Add* | *93.26* | |
| 08 66 00 00-0004 | EA | 24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series) | 637.58 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *105.72* | |
| | | *For Aluminum Shingle Flashing, Add* | *84.57* | |
| 08 66 00 00-0005 | EA | 24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series) | 694.72 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *120.00* | |
| | | *For Aluminum Shingle Flashing, Add* | *96.00* | |
| 08 66 00 00-0006 | EA | 24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series) | 742.72 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *132.00* | |
| | | *For Aluminum Shingle Flashing, Add* | *105.60* | |
| 08 66 00 00-0007 | EA | 24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series) | 820.44 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *151.43* | |
| | | *For Aluminum Shingle Flashing, Add* | *121.14* | |
| 08 66 00 00-0008 | EA | 24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series) | 918.73 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *176.00* | |
| | | *For Aluminum Shingle Flashing, Add* | *140.80* | |
| 08 66 00 00-0009 | EA | 27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series) | 637.58 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *105.72* | |
| | | *For Aluminum Shingle Flashing, Add* | *84.57* | |
| 08 66 00 00-0010 | EA | 28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series) | 754.15 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *134.86* | |
| | | *For Aluminum Shingle Flashing, Add* | *107.89* | |
| 08 66 00 00-0011 | EA | 28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series) | 820.44 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *151.43* | |
| | | *For Aluminum Shingle Flashing, Add* | *121.14* | |
| 08 66 00 00-0012 | EA | 28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series) | 895.87 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *170.29* | |
| | | *For Aluminum Shingle Flashing, Add* | *136.23* | |
| 08 66 00 00-0013 | EA | 28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series) | 996.44 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *195.43* | |
| | | *For Aluminum Shingle Flashing, Add* | *156.34* | |
| 08 66 00 00-0014 | EA | 38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series) | 662.72 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *112.00* | |
| | | *For Aluminum Shingle Flashing, Add* | *89.60* | |
| 08 66 00 00-0015 | EA | 38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series) | 694.72 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *120.00* | |
| | | *For Aluminum Shingle Flashing, Add* | *96.00* | |
| 08 66 00 00-0016 | EA | 38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series) | 754.15 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *134.86* | |
| | | *For Aluminum Shingle Flashing, Add* | *107.89* | |
| 08 66 00 00-0017 | EA | 44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series) | 964.44 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *187.43* | |
| | | *For Aluminum Shingle Flashing, Add* | *149.94* | |
| 08 66 00 00-0018 | EA | 46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series) | 681.01 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *116.57* | |
| | | *For Aluminum Shingle Flashing, Add* | *93.26* | |
| 08 66 00 00-0019 | EA | 46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series) | 742.72 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *132.00* | |
| | | *For Aluminum Shingle Flashing, Add* | *105.60* | |
| 08 66 00 00-0020 | EA | 46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series) | 820.44 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *151.43* | |
| | | *For Aluminum Shingle Flashing, Add* | *121.14* | |
| 08 66 00 00-0021 | EA | 46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series) | 964.44 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *187.43* | |
| | | *For Aluminum Shingle Flashing, Add* | *149.94* | |
| 08 66 00 00-0022 | EA | 57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series) | 820.44 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *151.43* | |
| | | *For Aluminum Shingle Flashing, Add* | *121.14* | |
| 08 66 00 00-0023 | EA | 57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series) | 895.87 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *170.29* | |
| | | *For Aluminum Shingle Flashing, Add* | *136.23* | |
| 08 66 00 00-0024 | EA | 72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series) | 918.73 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *176.00* | |
| | | *For Aluminum Shingle Flashing, Add* | *140.80* | |
| 08 66 00 00-0025 | EA | 72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series) | 996.44 | 107.36 |
| | | *For Tempered Laminated Low-E Insulated Glass, Add* | *195.43* | |
| | | *For Aluminum Shingle Flashing, Add* | *156.34* | |

## 08 70 Hardware *(08)*

### 08 71 Door Hardware *(08 70)*

**08 71 11 Door Hardware** *(08 71)*

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of exisiting door where required for modifications.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0001 | | **Hinges** *(08 71 11)*<br>Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors. | | |
| 08 71 11 00-0002 | | **Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0001)*<br>Note: US26D (BHMA 626) satin chrome finish. | | |
| 08 71 11 00-0003 | | **Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*<br>Note: Set into the mortised edge of the door and mortised rabbet edge of the frame. | | |
| 08 71 11 00-0004 | PR | 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 67.93 | 6.01 |
| | | *For Clear Coated Bright Brass, Add* | *5.06* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0005 | PR | 4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 74.59 | 8.59 |
| | | *For Clear Coated Bright Brass, Add* | *5.63* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0006 | PR | 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 82.73 | 9.44 |
| | | *For Clear Coated Bright Brass, Add* | *4.71* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0007 | | **Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*<br>Note: Set into the mortised edge of the door and mortised rabbet edge of the frame. | | |
| 08 71 11 00-0008 | PR | 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 78.78 | 6.01 |
| | | *For Clear Coated Bright Brass, Add* | *6.49* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0009 | PR | 4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 89.31 | 8.59 |
| | | *For Clear Coated Bright Brass, Add* | *6.49* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0010 | PR | 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 90.06 | 9.44 |
| | | *For Clear Coated Bright Brass, Add* | *5.74* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0011 | PR | 5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 105.22 | 11.17 |
| | | *For Clear Coated Bright Brass, Add* | *6.71* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0012 | PR | 5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 105.94 | 11.17 |
| | | *For Clear Coated Bright Brass, Add* | *6.82* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0013 | PR | 6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 114.29 | 14.35 |
| | | *For Clear Coated Bright Brass, Add* | *7.98* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0014 | | **Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*<br>Note: Set into the mortised edge of the door and mortised rabbet edge of the frame. | | |
| 08 71 11 00-0015 | PR | 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 89.96 | 6.01 |
| 08 71 11 00-0016 | PR | 4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 100.49 | 8.59 |
| 08 71 11 00-0017 | PR | 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 102.22 | 9.44 |
| 08 71 11 00-0018 | PR | 5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 118.62 | 11.17 |
| 08 71 11 00-0019 | | **Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*<br>Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame. | | |
| 08 71 11 00-0020 | PR | 4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 114.44 | 9.44 |
| | | *For Clear Coated Bright Brass, Add* | *9.15* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0021 | PR | 5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 129.80 | 11.17 |
| | | *For Clear Coated Bright Brass, Add* | *10.16* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0022 | PR | 5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 145.16 | 11.17 |
| | | *For Clear Coated Bright Brass, Add* | *12.31* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0023 | | **Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*<br>Note: Set into mortised edge of the door and surface applied to the face of the frame. | | |
| 08 71 11 00-0024 | PR | 4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 117.48 | 9.44 |
| | | *For Clear Coated Bright Brass, Add* | *9.58* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0025 | PR | 5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 138.45 | 11.17 |
| | | *For Clear Coated Bright Brass, Add* | *11.37* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0026 | | **Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge** *(08 71 11 00-0002)*<br>Note: Set into the mortised edge of the door and mortised rabbet edge of the frame. | | |
| 08 71 11 00-0027 | PR | 4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 113.81 | 9.44 |
| | | *For Clear Coated Bright Brass, Add* | *9.06* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0028 | PR | 5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 131.47 | 14.35 |
| | | *For Clear Coated Bright Brass, Add* | *10.39* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0029 | PR | 6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge | 157.86 | 14.35 |
| | | *For Clear Coated Bright Brass, Add* | *14.08* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |

### 08 71 11 00-0030 Mortised, Wrought Steel Hinges *(08 71 11 00-0001)*

Note: Clear coated, US 26D satin chrome finish (BHMA 652).

### 08 71 11 00-0031 Full Mortise, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0032 | PR | 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge | 41.65 | 6.01 |
| | | *For Primed For Paint Finish, Deduct* | *-1.85* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *1.16* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-1.11* | |
| | | *For Stainless Steel, Add* | *5.08* | |
| | | *For Heavy Duty, Add* | *1.39* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0033 | PR | 4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge | 53.14 | 8.59 |
| | | *For Primed For Paint Finish, Deduct* | *-2.04* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *1.28* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-1.22* | |
| | | *For Stainless Steel, Add* | *5.61* | |
| | | *For Heavy Duty, Add* | *1.53* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0034 | PR | 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge | 61.51 | 9.44 |
| | | *For Primed For Paint Finish, Deduct* | *-2.49* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *1.55* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-1.49* | |
| | | *For Stainless Steel, Add* | *6.84* | |
| | | *For Heavy Duty, Add* | *1.86* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |

### 08 71 11 00-0035 Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0036 | PR | 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge | 66.09 | 6.01 |
| | | *For Primed For Paint Finish, Deduct* | *-6.74* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *4.21* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-4.04* | |
| | | *For Stainless Steel, Add* | *18.52* | |
| | | *For Heavy Duty, Add* | *5.05* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0037 | PR | 4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge | 81.08 | 8.59 |
| | | *For Primed For Paint Finish, Deduct* | *-7.63* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *4.77* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-4.58* | |
| | | *For Stainless Steel, Add* | *20.98* | |
| | | *For Heavy Duty, Add* | *5.72* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0038 | PR | 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge | 126.57 | 9.44 |
| | | *For Primed For Paint Finish, Deduct* | *-15.50* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *9.69* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-9.30* | |
| | | *For Stainless Steel, Add* | *42.62* | |
| | | *For Heavy Duty, Add* | *11.62* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0039 | PR | 5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge | 113.02 | 11.17 |
| | | *For Primed For Paint Finish, Deduct* | *-11.15* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *6.97* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-6.69* | |
| | | *For Stainless Steel, Add* | *30.67* | |
| | | *For Heavy Duty, Add* | *8.36* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0040 | PR | 5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge | 120.89 | 11.17 |
| | | *For Primed For Paint Finish, Deduct* | *-12.73* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *7.95* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-7.64* | |
| | | *For Stainless Steel, Add* | *35.00* | |
| | | *For Heavy Duty, Add* | *9.54* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0041 | PR | 6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge | 144.88 | 11.17 |
| | | *For Primed For Paint Finish, Deduct* | *-17.52* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *10.95* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-10.51* | |
| | | *For Stainless Steel, Add* | *48.19* | |
| | | *For Heavy Duty, Add* | *13.14* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |

### 08 71 11 00-0042 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0043 | PR | 3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge | 80.20 | 6.01 |
| | | *For Primed For Paint Finish, Deduct* | *-9.56* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *5.97* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-5.73* | |
| | | *For Stainless Steel, Add* | *26.28* | |
| | | *For Heavy Duty, Add* | *7.17* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0044 | PR | 4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge | 97.10 | 8.59 |
| | | *For Primed For Paint Finish, Deduct* | *-10.83* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *6.77* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-6.50* | |
| | | *For Stainless Steel, Add* | *29.79* | |
| | | *For Heavy Duty, Add* | *8.12* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0045 | PR | 4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge | 109.61 | 9.44 |
| | | *For Primed For Paint Finish, Deduct* | *-12.11* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *7.57* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-7.26* | |
| | | *For Stainless Steel, Add* | *33.29* | |
| | | *For Heavy Duty, Add* | *9.08* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0046 | PR | 5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge | 124.17 | 11.17 |
| | | *For Primed For Paint Finish, Deduct* | *-13.38* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *8.36* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-8.03* | |
| | | *For Stainless Steel, Add* | *36.80* | |
| | | *For Heavy Duty, Add* | *10.04* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |

### 08 71 11 00-0047 Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0048 | PR | 4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge | 111.44 | 9.44 |
| | | *For Primed For Paint Finish, Deduct* | *-13.70* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *8.56* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-8.22* | |
| | | *For Stainless Steel, Add* | *37.68* | |
| | | *For Heavy Duty, Add* | *10.28* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0049 | PR | 4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge | 124.88 | 9.44 |
| | | *For Primed For Paint Finish, Deduct* | *-15.16* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *9.48* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-9.10* | |
| | | *For Stainless Steel, Add* | *41.69* | |
| | | *For Heavy Duty, Add* | *11.37* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |
| 08 71 11 00-0050 | PR | 5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge | 144.88 | 11.17 |
| | | *For Primed For Paint Finish, Deduct* | *-17.52* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *10.95* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-10.51* | |
| | | *For Stainless Steel, Add* | *48.19* | |
| | | *For Heavy Duty, Add* | *13.14* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |

### 08 71 11 00-0051 Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Both leaves slide into a cavity prepared in the door and door frame.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0052 | PR | 4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge | 129.09 | 9.44 |
| | | *For Primed For Paint Finish, Deduct* | *-16.00* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *10.00* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-9.60* | |
| | | *For Stainless Steel, Add* | *44.01* | |
| | | *For Heavy Duty, Add* | *12.00* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |

### 08 71 11 00-0053 Blank Butt Hinges *(08 71 11 00-0030)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0054 | PR | 3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge | 25.55 | 3.86 |
| | | *For Primed For Paint Finish, Deduct* | *-2.04* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *1.27* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-1.22* | |
| | | *For Stainless Steel, Add* | *5.60* | |
| | | *For Heavy Duty, Add* | *1.53* | |
| | | *For Pair Of Non-Removable Pins (NRP), Add* | *6.00* | |

### 08 71 11 00-0055 Full Mortise, Single Acting Spring, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0056 | PR | 3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge | 108.83 | 6.01 |
| | | *For Primed For Paint Finish, Deduct* | *-15.28* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *9.55* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-9.17* | |
| | | *For Stainless Steel, Add* | *42.03* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0057 | PR | 4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge | 142.90 | 8.59 |
| | | *For Primed For Paint Finish, Deduct* | *-19.99* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *12.50* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-12.00* | |
| | | *For Stainless Steel, Add* | *54.98* | |
| 08 71 11 00-0058 | PR | 4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge | 196.12 | 9.44 |
| | | *For Primed For Paint Finish, Deduct* | *-29.41* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625), Add* | *18.38* | |
| | | *For Satin Brass Plated Clear Coated Finish, Deduct* | *-17.64* | |
| | | *For Stainless Steel, Add* | *80.87* | |

### 08 71 11 00-0059 Offset And Pivot Hinges *(08 71 11 00-0001)*
Note: Satin chrome plated, US26D.

### 08 71 11 00-0060 Offset Swing Clear Hinges *(08 71 11 00-0059)*
Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0061 | EA | 4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges | 196.43 | 2.68 |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *35.29* | |
| | | *For Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *56.83* | |

### 08 71 11 00-0062 Offset Pivot Hinges *(08 71 11 00-0059)*

### 08 71 11 00-0063 3/4" Offset Pivot Hinges *(08 71 11 00-0062)*

### 08 71 11 00-0064 3/4" Offset Pivot Hinges *(08 71 11 00-0063)*

### 08 71 11 00-0065 Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*

### 08 71 11 00-0066 200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0067 | EA | Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) | 117.89 | 8.59 |
| 08 71 11 00-0068 | EA | Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) | 159.10 | 8.59 |
| 08 71 11 00-0069 | EA | Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) | 181.99 | 8.59 |
| 08 71 11 00-0070 | EA | Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) | 181.99 | 8.59 |
| 08 71 11 00-0071 | EA | Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) | 181.99 | 8.59 |
| 08 71 11 00-0072 | EA | Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) | 181.99 | 8.59 |
| 08 71 11 00-0073 | EA | Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) | 181.99 | 8.59 |
| 08 71 11 00-0074 | EA | Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) | 129.79 | 8.59 |
| 08 71 11 00-0075 | EA | Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) | 165.52 | 8.59 |
| 08 71 11 00-0076 | EA | Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) | 189.32 | 8.59 |
| 08 71 11 00-0077 | EA | Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) | 189.32 | 8.59 |
| 08 71 11 00-0078 | EA | Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) | 189.32 | 8.59 |
| 08 71 11 00-0079 | EA | Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) | 189.32 | 8.59 |
| 08 71 11 00-0080 | EA | Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) | 189.32 | 8.59 |
| 08 71 11 00-0081 | EA | Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) | 117.89 | 8.59 |
| 08 71 11 00-0082 | EA | Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) | 159.10 | 8.59 |
| 08 71 11 00-0083 | EA | Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) | 181.99 | 8.59 |
| 08 71 11 00-0084 | EA | Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) | 181.99 | 8.59 |
| 08 71 11 00-0085 | EA | Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) | 181.99 | 8.59 |
| 08 71 11 00-0086 | EA | Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) | 181.99 | 8.59 |
| 08 71 11 00-0087 | EA | Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) | 181.99 | 8.59 |

### 08 71 11 00-0088 500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0089 | EA | Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) | 122.19 | 10.74 |
| 08 71 11 00-0090 | EA | Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) | 163.40 | 10.74 |
| 08 71 11 00-0091 | EA | Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) | 186.29 | 10.74 |
| 08 71 11 00-0092 | EA | Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) | 186.29 | 10.74 |
| 08 71 11 00-0093 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) | 186.29 | 10.74 |
| 08 71 11 00-0094 | EA | Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) | 186.29 | 10.74 |
| 08 71 11 00-0095 | EA | Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) | 186.29 | 10.74 |

### 08 71 11 00-0096 600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0097 | EA | Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) | 122.19 | 10.74 |
| 08 71 11 00-0098 | EA | Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) | 163.40 | 10.74 |
| 08 71 11 00-0099 | EA | Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) | 186.29 | 10.74 |
| 08 71 11 00-0100 | EA | Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) | 186.29 | 10.74 |
| 08 71 11 00-0101 | EA | Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) | 186.29 | 10.74 |
| 08 71 11 00-0102 | EA | Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) | 186.29 | 10.74 |
| 08 71 11 00-0103 | EA | Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) | 186.29 | 10.74 |

### 08 71 11 00-0104 700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0105 | EA | Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) | 122.19 | 10.74 |
| 08 71 11 00-0106 | EA | Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) | 163.40 | 10.74 |
| 08 71 11 00-0107 | EA | Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) | 186.29 | 10.74 |
| 08 71 11 00-0108 | EA | Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) | 186.29 | 10.74 |
| 08 71 11 00-0109 | EA | Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) | 186.29 | 10.74 |
| 08 71 11 00-0110 | EA | Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) | 186.29 | 10.74 |
| 08 71 11 00-0111 | EA | Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) | 186.29 | 10.74 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0112 | | Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)* | | |
| 08 71 11 00-0113 | | 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)* | | |
| 08 71 11 00-0114 | EA | Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) | 147.19 | 8.59 |
| 08 71 11 00-0115 | EA | Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) | 181.99 | 8.59 |
| 08 71 11 00-0116 | EA | Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) | 206.71 | 8.59 |
| 08 71 11 00-0117 | EA | Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) | 206.71 | 8.59 |
| 08 71 11 00-0118 | EA | Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) | 206.71 | 8.59 |
| 08 71 11 00-0119 | EA | Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) | 206.71 | 8.59 |
| 08 71 11 00-0120 | EA | Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) | 206.71 | 8.59 |
| 08 71 11 00-0121 | | 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)* | | |
| 08 71 11 00-0122 | EA | Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) | 163.40 | 10.74 |
| 08 71 11 00-0123 | EA | Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) | 174.38 | 10.74 |
| 08 71 11 00-0124 | EA | Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) | 193.62 | 10.74 |
| 08 71 11 00-0125 | EA | Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) | 193.62 | 10.74 |
| 08 71 11 00-0126 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) | 193.62 | 10.74 |
| 08 71 11 00-0127 | EA | Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) | 193.62 | 10.74 |
| 08 71 11 00-0128 | EA | Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) | 193.62 | 10.74 |
| 08 71 11 00-0129 | | 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)* | | |
| 08 71 11 00-0130 | EA | Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) | 163.40 | 10.74 |
| 08 71 11 00-0131 | EA | Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) | 174.38 | 10.74 |
| 08 71 11 00-0132 | EA | Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) | 193.62 | 10.74 |
| 08 71 11 00-0133 | EA | Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) | 193.62 | 10.74 |
| 08 71 11 00-0134 | EA | Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) | 193.62 | 10.74 |
| 08 71 11 00-0135 | EA | Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) | 193.62 | 10.74 |
| 08 71 11 00-0136 | EA | Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) | 193.62 | 10.74 |
| 08 71 11 00-0137 | | 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)* | | |
| 08 71 11 00-0138 | EA | Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) | 163.40 | 10.74 |
| 08 71 11 00-0139 | EA | Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) | 174.38 | 10.74 |
| 08 71 11 00-0140 | EA | Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) | 193.62 | 10.74 |
| 08 71 11 00-0141 | EA | Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) | 193.62 | 10.74 |
| 08 71 11 00-0142 | EA | Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) | 193.62 | 10.74 |
| 08 71 11 00-0143 | EA | Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) | 193.62 | 10.74 |
| 08 71 11 00-0144 | EA | Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) | 193.62 | 10.74 |
| 08 71 11 00-0145 | | Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)* | | |
| 08 71 11 00-0146 | | 200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)* | | |
| 08 71 11 00-0147 | EA | Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) | 129.79 | 8.59 |
| 08 71 11 00-0148 | EA | Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) | 165.52 | 8.59 |
| 08 71 11 00-0149 | EA | Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) | 189.32 | 8.59 |
| 08 71 11 00-0150 | EA | Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) | 189.32 | 8.59 |
| 08 71 11 00-0151 | EA | Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) | 189.32 | 8.59 |
| 08 71 11 00-0152 | EA | Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) | 238.54 | 8.59 |
| 08 71 11 00-0153 | EA | Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) | 189.32 | 8.59 |
| 08 71 11 00-0154 | EA | Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) | 129.79 | 8.59 |
| 08 71 11 00-0155 | EA | Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) | 165.52 | 8.59 |
| 08 71 11 00-0156 | EA | Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) | 189.32 | 8.59 |
| 08 71 11 00-0157 | EA | Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) | 189.32 | 8.59 |
| 08 71 11 00-0158 | EA | Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) | 189.32 | 8.59 |
| 08 71 11 00-0159 | EA | Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) | 189.32 | 8.59 |
| 08 71 11 00-0160 | EA | Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) | 189.32 | 8.59 |
| 08 71 11 00-0161 | EA | Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM) | 112.40 | 8.59 |
| 08 71 11 00-0162 | EA | Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM) | 153.61 | 8.59 |
| 08 71 11 00-0163 | EA | Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM) | 177.41 | 8.59 |
| 08 71 11 00-0164 | EA | Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM) | 177.41 | 8.59 |
| 08 71 11 00-0165 | EA | Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM) | 177.41 | 8.59 |
| 08 71 11 00-0166 | EA | Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM) | 177.41 | 8.59 |
| 08 71 11 00-0167 | EA | Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM) | 177.41 | 8.59 |
| 08 71 11 00-0168 | | 500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)* | | |
| 08 71 11 00-0169 | EA | Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) | 198.20 | 10.74 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0170 | EA | Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) | 211.01 | 10.74 |
| 08 71 11 00-0171 | EA | Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) | 211.01 | 10.74 |
| 08 71 11 00-0172 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) | 211.01 | 10.74 |
| 08 71 11 00-0173 | EA | Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) | 211.01 | 10.74 |
| 08 71 11 00-0174 | EA | Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) | 211.01 | 10.74 |
| 08 71 11 00-0175 | EA | Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) | 214.67 | 10.74 |
| 08 71 11 00-0176 | | 600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)* | | |
| 08 71 11 00-0177 | EA | Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM) | 169.82 | 10.74 |
| 08 71 11 00-0178 | EA | Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM) | 186.29 | 10.74 |
| 08 71 11 00-0179 | EA | Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM) | 198.20 | 10.74 |
| 08 71 11 00-0180 | EA | Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM) | 198.20 | 10.74 |
| 08 71 11 00-0181 | EA | Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM) | 198.20 | 10.74 |
| 08 71 11 00-0182 | EA | Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM) | 198.20 | 10.74 |
| 08 71 11 00-0183 | EA | Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM) | 198.20 | 10.74 |
| 08 71 11 00-0184 | | 700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)* | | |
| 08 71 11 00-0185 | EA | Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) | 393.23 | 10.74 |
| 08 71 11 00-0186 | EA | Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) | 422.53 | 10.74 |
| 08 71 11 00-0187 | EA | Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) | 469.24 | 10.74 |
| 08 71 11 00-0188 | EA | Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) | 469.24 | 10.74 |
| 08 71 11 00-0189 | EA | Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) | 469.24 | 10.74 |
| 08 71 11 00-0190 | EA | Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) | 469.24 | 10.74 |
| 08 71 11 00-0191 | EA | Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) | 469.24 | 10.74 |
| 08 71 11 00-0192 | | Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0063)* | | |
| 08 71 11 00-0193 | | Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)* | | |
| 08 71 11 00-0194 | | 500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)* | | |
| 08 71 11 00-0195 | EA | Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) | 233.01 | 10.74 |
| 08 71 11 00-0196 | EA | Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) | 276.02 | 10.74 |
| 08 71 11 00-0197 | EA | Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) | 310.83 | 10.74 |
| 08 71 11 00-0198 | EA | Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) | 310.83 | 10.74 |
| 08 71 11 00-0199 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) | 310.83 | 10.74 |
| 08 71 11 00-0200 | | 600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)* | | |
| 08 71 11 00-0201 | EA | Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) | 233.01 | 10.74 |
| 08 71 11 00-0202 | EA | Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) | 276.02 | 10.74 |
| 08 71 11 00-0203 | EA | Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) | 310.83 | 10.74 |
| 08 71 11 00-0204 | EA | Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) | 310.83 | 10.74 |
| 08 71 11 00-0205 | EA | Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) | 310.83 | 10.74 |
| 08 71 11 00-0206 | | 700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)* | | |
| 08 71 11 00-0207 | EA | Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) | 233.01 | 10.74 |
| 08 71 11 00-0208 | EA | Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) | 276.02 | 10.74 |
| 08 71 11 00-0209 | EA | Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) | 310.83 | 10.74 |
| 08 71 11 00-0210 | EA | Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) | 310.83 | 10.74 |
| 08 71 11 00-0211 | EA | Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) | 310.83 | 10.74 |
| 08 71 11 00-0212 | | 1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)* | | |
| 08 71 11 00-0213 | EA | Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) | 244.61 | 12.89 |
| 08 71 11 00-0214 | EA | Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) | 280.32 | 12.89 |
| 08 71 11 00-0215 | EA | Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) | 296.81 | 12.89 |
| 08 71 11 00-0216 | EA | Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) | 296.81 | 12.89 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0217 | EA | Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) | 296.81 | 12.89 |
| 08 71 11 00-0218 | | 1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)* | | |
| 08 71 11 00-0219 | EA | Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) | 244.61 | 12.89 |
| 08 71 11 00-0220 | EA | Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) | 280.32 | 12.89 |
| 08 71 11 00-0221 | EA | Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) | 296.81 | 12.89 |
| 08 71 11 00-0222 | EA | Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) | 296.81 | 12.89 |
| 08 71 11 00-0223 | EA | Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) | 296.81 | 12.89 |
| 08 71 11 00-0224 | | Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)* | | |
| 08 71 11 00-0225 | | 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)* | | |
| 08 71 11 00-0226 | EA | Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) | 240.31 | 10.74 |
| 08 71 11 00-0227 | EA | Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) | 280.60 | 10.74 |
| 08 71 11 00-0228 | EA | Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0229 | EA | Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0230 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0231 | | 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)* | | |
| 08 71 11 00-0232 | EA | Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) | 240.31 | 10.74 |
| 08 71 11 00-0233 | EA | Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) | 280.60 | 10.74 |
| 08 71 11 00-0234 | EA | Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0235 | EA | Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0236 | EA | Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0237 | | 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)* | | |
| 08 71 11 00-0238 | EA | Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) | 240.31 | 10.74 |
| 08 71 11 00-0239 | EA | Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) | 280.60 | 10.74 |
| 08 71 11 00-0240 | EA | Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0241 | EA | Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0242 | EA | Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) | 292.51 | 10.74 |
| 08 71 11 00-0243 | | 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)* | | |
| 08 71 11 00-0244 | EA | Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) | 268.43 | 12.89 |
| 08 71 11 00-0245 | EA | Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) | 309.62 | 12.89 |
| 08 71 11 00-0246 | EA | Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) | 320.61 | 12.89 |
| 08 71 11 00-0247 | EA | Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) | 320.61 | 12.89 |
| 08 71 11 00-0248 | EA | Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) | 320.61 | 12.89 |
| 08 71 11 00-0249 | | 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)* | | |
| 08 71 11 00-0250 | EA | Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) | 268.43 | 12.89 |
| 08 71 11 00-0251 | EA | Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) | 309.62 | 12.89 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0252 | EA | Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) | 320.61 | 12.89 |
| 08 71 11 00-0253 | EA | Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) | 320.61 | 12.89 |
| 08 71 11 00-0254 | EA | Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) | 320.61 | 12.89 |
| 08 71 11 00-0255 | | Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)* | | |
| 08 71 11 00-0256 | | 500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)* | | |
| 08 71 11 00-0257 | EA | Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) | 268.71 | 10.74 |
| 08 71 11 00-0258 | EA | Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) | 333.72 | 10.74 |
| 08 71 11 00-0259 | EA | Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) | 358.44 | 10.74 |
| 08 71 11 00-0260 | EA | Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) | 358.44 | 10.74 |
| 08 71 11 00-0261 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) | 358.44 | 10.74 |
| 08 71 11 00-0262 | | 600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)* | | |
| 08 71 11 00-0263 | EA | Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) | 264.13 | 10.74 |
| 08 71 11 00-0264 | EA | Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) | 280.60 | 10.74 |
| 08 71 11 00-0265 | EA | Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) | 322.73 | 10.74 |
| 08 71 11 00-0266 | EA | Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) | 322.73 | 10.74 |
| 08 71 11 00-0267 | EA | Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) | 322.73 | 10.74 |
| 08 71 11 00-0268 | | 1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)* | | |
| 08 71 11 00-0269 | EA | Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) | 303.22 | 12.89 |
| 08 71 11 00-0270 | EA | Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) | 338.02 | 12.89 |
| 08 71 11 00-0271 | EA | Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) | 350.83 | 12.89 |
| 08 71 11 00-0272 | EA | Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) | 350.83 | 12.89 |
| 08 71 11 00-0273 | EA | Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) | 350.83 | 12.89 |
| 08 71 11 00-0274 | | 1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)* | | |
| 08 71 11 00-0275 | EA | Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM) | 432.33 | 12.89 |
| 08 71 11 00-0276 | EA | Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM) | 461.63 | 12.89 |
| 08 71 11 00-0277 | EA | Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM) | 473.54 | 12.89 |
| 08 71 11 00-0278 | EA | Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM) | 473.54 | 12.89 |
| 08 71 11 00-0279 | EA | Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM) | 473.54 | 12.89 |
| 08 71 11 00-0280 | | 1-1/2" Offset Pivot Hinges *(08 71 11 00-0062)* | | |
| 08 71 11 00-0281 | | Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0280)* | | |
| 08 71 11 00-0282 | | Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)* | | |
| 08 71 11 00-0283 | | 400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)* | | |
| 08 71 11 00-0284 | EA | Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top) | 276.02 | 10.74 |
| 08 71 11 00-0285 | EA | Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top) | 298.92 | 10.74 |
| 08 71 11 00-0286 | EA | Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top) | 316.31 | 10.74 |
| 08 71 11 00-0287 | EA | Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top) | 316.31 | 10.74 |
| 08 71 11 00-0288 | EA | Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top) | 316.31 | 10.74 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0289 | | 500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)* | | |
| 08 71 11 00-0290 | EA | Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top) | 276.02 | 10.74 |
| 08 71 11 00-0291 | EA | Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top) | 298.92 | 10.74 |
| 08 71 11 00-0292 | EA | Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top) | 316.31 | 10.74 |
| 08 71 11 00-0293 | EA | Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top) | 316.31 | 10.74 |
| 08 71 11 00-0294 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top) | 316.31 | 10.74 |
| 08 71 11 00-0295 | | Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)* | | |
| 08 71 11 00-0296 | | 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)* | | |
| 08 71 11 00-0297 | EA | Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) | 287.01 | 10.74 |
| 08 71 11 00-0298 | EA | Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) | 322.73 | 10.74 |
| 08 71 11 00-0299 | EA | Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) | 340.13 | 10.74 |
| 08 71 11 00-0300 | EA | Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) | 340.13 | 10.74 |
| 08 71 11 00-0301 | EA | Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) | 340.13 | 10.74 |
| 08 71 11 00-0302 | | 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)* | | |
| 08 71 11 00-0303 | EA | Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) | 287.01 | 10.74 |
| 08 71 11 00-0304 | EA | Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) | 322.73 | 10.74 |
| 08 71 11 00-0305 | EA | Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) | 340.13 | 10.74 |
| 08 71 11 00-0306 | EA | Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) | 340.13 | 10.74 |
| 08 71 11 00-0307 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) | 340.13 | 10.74 |
| 08 71 11 00-0308 | | Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)* | | |
| 08 71 11 00-0309 | | 400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)* | | |
| 08 71 11 00-0310 | EA | Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) | 280.60 | 10.74 |
| 08 71 11 00-0311 | EA | Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) | 322.73 | 10.74 |
| 08 71 11 00-0312 | EA | Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) | 340.13 | 10.74 |
| 08 71 11 00-0313 | EA | Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) | 340.13 | 10.74 |
| 08 71 11 00-0314 | EA | Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) | 340.13 | 10.74 |
| 08 71 11 00-0315 | | 500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)* | | |
| 08 71 11 00-0316 | EA | Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) | 457.33 | 10.74 |
| 08 71 11 00-0317 | EA | Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) | 504.95 | 10.74 |
| 08 71 11 00-0318 | EA | Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) | 516.86 | 10.74 |
| 08 71 11 00-0319 | EA | Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) | 516.86 | 10.74 |
| 08 71 11 00-0320 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) | 516.86 | 10.74 |
| 08 71 11 00-0321 | | Center Hung Pivot Hinges *(08 71 11 00-0059)* | | |
| 08 71 11 00-0322 | | Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)* | | |
| 08 71 11 00-0323 | | 300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)* | | |
| 08 71 11 00-0324 | EA | Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) | 141.70 | 8.59 |
| 08 71 11 00-0325 | EA | Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) | 153.61 | 8.59 |
| 08 71 11 00-0326 | EA | Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) | 153.61 | 8.59 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0327 | EA | Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) | 153.61 | 8.59 |
| 08 71 11 00-0328 | EA | Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) | 153.61 | 8.59 |
| 08 71 11 00-0329 | EA | Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) | 153.61 | 8.59 |
| 08 71 11 00-0330 | EA | Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) | 153.61 | 8.59 |
| 08 71 11 00-0331 | | 500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)* | | |
| 08 71 11 00-0332 | EA | Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) | 146.00 | 10.74 |
| 08 71 11 00-0333 | EA | Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) | 157.91 | 10.74 |
| 08 71 11 00-0334 | EA | Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) | 157.91 | 10.74 |
| 08 71 11 00-0335 | EA | Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) | 157.91 | 10.74 |
| 08 71 11 00-0336 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) | 157.91 | 10.74 |
| 08 71 11 00-0337 | EA | Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) | 157.91 | 10.74 |
| 08 71 11 00-0338 | EA | Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) | 157.91 | 10.74 |
| 08 71 11 00-0339 | | 600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)* | | |
| 08 71 11 00-0340 | EA | Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) | 146.00 | 10.74 |
| 08 71 11 00-0341 | EA | Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) | 157.91 | 10.74 |
| 08 71 11 00-0342 | EA | Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) | 157.91 | 10.74 |
| 08 71 11 00-0343 | EA | Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) | 157.91 | 10.74 |
| 08 71 11 00-0344 | EA | Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) | 157.91 | 10.74 |
| 08 71 11 00-0345 | EA | Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) | 157.91 | 10.74 |
| 08 71 11 00-0346 | EA | Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) | 157.91 | 10.74 |
| 08 71 11 00-0347 | | 1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)* | | |
| 08 71 11 00-0348 | EA | Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) | 232.71 | 12.89 |
| 08 71 11 00-0349 | EA | Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) | 273.01 | 12.89 |
| 08 71 11 00-0350 | EA | Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) | 315.13 | 12.89 |
| 08 71 11 00-0351 | EA | Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) | 315.13 | 12.89 |
| 08 71 11 00-0352 | EA | Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) | 315.13 | 12.89 |
| 08 71 11 00-0353 | EA | Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) | 315.13 | 12.89 |
| 08 71 11 00-0354 | EA | Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) | 315.13 | 12.89 |
| 08 71 11 00-0355 | | Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)* | | |
| 08 71 11 00-0356 | | 300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)* | | |
| 08 71 11 00-0357 | EA | Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) | 106.90 | 8.59 |
| 08 71 11 00-0358 | EA | Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) | 124.31 | 8.59 |
| 08 71 11 00-0359 | EA | Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) | 141.70 | 8.59 |
| 08 71 11 00-0360 | EA | Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) | 141.70 | 8.59 |
| 08 71 11 00-0361 | EA | Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) | 141.70 | 8.59 |
| 08 71 11 00-0362 | EA | Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) | 141.70 | 8.59 |
| 08 71 11 00-0363 | EA | Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) | 141.70 | 8.59 |
| 08 71 11 00-0364 | | 500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0355)* | | |
| 08 71 11 00-0365 | EA | Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) | 157.91 | 10.74 |
| 08 71 11 00-0366 | EA | Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) | 163.40 | 10.74 |
| 08 71 11 00-0367 | EA | Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) | 163.40 | 10.74 |
| 08 71 11 00-0368 | EA | Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) | 163.40 | 10.74 |
| 08 71 11 00-0369 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) | 163.40 | 10.74 |
| 08 71 11 00-0370 | EA | Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) | 163.40 | 10.74 |
| 08 71 11 00-0371 | EA | Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) | 163.40 | 10.74 |
| 08 71 11 00-0372 | EA | Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) | 157.91 | 10.74 |
| 08 71 11 00-0373 | EA | Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) | 163.40 | 10.74 |
| 08 71 11 00-0374 | EA | Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) | 163.40 | 10.74 |
| 08 71 11 00-0375 | EA | Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) | 163.40 | 10.74 |
| 08 71 11 00-0376 | EA | Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) | 163.40 | 10.74 |
| 08 71 11 00-0377 | EA | Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) | 163.40 | 10.74 |
| 08 71 11 00-0378 | EA | Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) | 163.40 | 10.74 |
| 08 71 11 00-0379 | | 600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)* | | |
| 08 71 11 00-0380 | EA | Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) | 322.73 | 10.74 |
| 08 71 11 00-0381 | EA | Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) | 340.13 | 10.74 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0382 | EA | Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) | 358.44 | 10.74 |
| 08 71 11 00-0383 | EA | Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) | 358.44 | 10.74 |
| 08 71 11 00-0384 | EA | Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) | 358.44 | 10.74 |
| 08 71 11 00-0385 | EA | Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) | 358.44 | 10.74 |
| 08 71 11 00-0386 | EA | Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) | 358.44 | 10.74 |
| **08 71 11 00-0387** | | **1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges** *(08 71 11 00-0355)* | | |
| 08 71 11 00-0388 | EA | Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM) | 597.16 | 12.89 |
| 08 71 11 00-0389 | EA | Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM) | 614.55 | 12.89 |
| 08 71 11 00-0390 | EA | Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM) | 638.37 | 12.89 |
| 08 71 11 00-0391 | EA | Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM) | 638.37 | 12.89 |
| 08 71 11 00-0392 | EA | Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM) | 638.37 | 12.89 |
| 08 71 11 00-0393 | EA | Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM) | 638.37 | 12.89 |
| 08 71 11 00-0394 | EA | Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM) | 638.37 | 12.89 |
| **08 71 11 00-0395** | | **Continuous Barrel-Type Hinge** *(08 71 11 00-0001)* | | |
| 08 71 11 00-0396 | LF | 1-1/2" Wide, Steel, Continuous Barrel-Type Hinge | 24.78 | 3.43 |
| | | *For Stainless Steel, Add* | *6.07* | |
| | | *For Brass Or Nickel, Add* | *6.62* | |
| | | *For Aluminum, Add* | *2.16* | |
| | | *For Medium Gauge, Deduct* | *-2.21* | |
| 08 71 11 00-0397 | LF | 2" Wide, Steel, Continuous Barrel-Type Hinge | 25.52 | 3.43 |
| | | *For Stainless Steel, Add* | *6.48* | |
| | | *For Brass Or Nickel, Add* | *7.07* | |
| | | *For Aluminum, Add* | *2.31* | |
| | | *For Medium Gauge, Deduct* | *-2.36* | |
| 08 71 11 00-0398 | LF | 2-1/2" Wide, Steel, Continuous Barrel-Type Hinge | 26.99 | 3.43 |
| | | *For Stainless Steel, Add* | *7.29* | |
| | | *For Brass Or Nickel, Add* | *7.95* | |
| | | *For Aluminum, Add* | *2.60* | |
| | | *For Medium Gauge, Deduct* | *-2.65* | |
| 08 71 11 00-0399 | LF | 3" Wide, Steel, Continuous Barrel-Type Hinge | 28.66 | 3.43 |
| | | *For Stainless Steel, Add* | *8.21* | |
| | | *For Brass Or Nickel, Add* | *8.95* | |
| | | *For Aluminum, Add* | *2.92* | |
| | | *For Medium Gauge, Deduct* | *-2.98* | |
| **08 71 11 00-0400** | | **Continuous Geared Hinges** *(08 71 11 00-0001)* | | |
| 08 71 11 00-0401 | LF | Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053) | 51.01 | 3.43 |
| | | *For Bronze Finish, Add* | *13.98* | |
| | | *For Heavy Duty, Add* | *9.96* | |
| 08 71 11 00-0402 | LF | Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057) | 55.36 | 3.43 |
| | | *For Bronze Finish, Add* | *15.61* | |
| | | *For Heavy Duty, Add* | *11.12* | |
| 08 71 11 00-0403 | LF | Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112) | 33.54 | 3.43 |
| | | *For Bronze Finish, Add* | *7.43* | |
| 08 71 11 00-0404 | LF | Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD) | 39.86 | 3.43 |
| | | *For Bronze Finish, Add* | *9.80* | |
| **08 71 11 00-0405** | | **Mortised, Primed Steel, Double Acting Spring Hinges** *(08 71 11 00-0001)* | | |
| 08 71 11 00-0406 | PR | 2", Mortised, Primed Steel, Double Acting Spring Hinge | 103.05 | 6.01 |
| | | *For Satin Brass, Add* | *17.52* | |
| 08 71 11 00-0407 | PR | 3", Mortised, Primed Steel, Double Acting Spring Hinge | 111.67 | 7.73 |
| | | *For Satin Brass, Add* | *17.52* | |
| 08 71 11 00-0408 | PR | 4", Mortised, Primed Steel, Double Acting Spring Hinge | 124.24 | 9.44 |
| | | *For Satin Brass, Add* | *18.48* | |
| 08 71 11 00-0409 | PR | 5", Mortised, Primed Steel, Double Acting Spring Hinge | 162.36 | 11.17 |
| | | *For Satin Brass, Add* | *25.57* | |
| 08 71 11 00-0410 | PR | 6", Mortised, Primed Steel, Double Acting Spring Hinge | 181.75 | 12.89 |
| | | *For Satin Brass, Add* | *28.16* | |
| 08 71 11 00-0411 | PR | 7", Mortised, Primed Steel, Double Acting Spring Hinge | 218.34 | 14.60 |
| | | *For Satin Brass, Add* | *34.88* | |
| 08 71 11 00-0412 | PR | 8", Mortised, Primed Steel, Double Acting Spring Hinge | 295.36 | 40.80 |
| | | *For Satin Brass, Add* | *51.30* | |
| **08 71 11 00-0413** | | **Security Hinges** *(08 71 11 00-0001)* | | |
| 08 71 11 00-0414 | EA | 4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge | 33.89 | 6.01 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 71 11 00-0415** | | **Concealed Circuit Electric Hinge Option** *(08 71 11 00-0001)* Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge. | | |
| 08 71 11 00-0416 | EA | 4 Wire Concealed Circuit Electric Hinge Option | 267.01 | |
| 08 71 11 00-0417 | EA | 6 Wire Concealed Circuit Electric Hinge Option | 315.25 | |
| 08 71 11 00-0418 | EA | 8 Wire Concealed Circuit Electric Hinge Option | 363.49 | |
| **08 71 11 00-0419** | | **Hinge Filler Plates For Door Frames** *(08 71 11 00-0001)* | | |
| 08 71 11 00-0420 | PR | Hinge Filler Plates For Door Frames | 17.33 | 4.30 |
| **08 71 11 00-0421** | | **Door Trim** *(08 71 11)* | | |
| **08 71 11 00-0422** | | **Floor Stops, Wall Stops And Bumpers** *(08 71 11 00-0421)* | | |
| **08 71 11 00-0423** | | **Floor Stops** *(08 71 11 00-0422)* | | |
| **08 71 11 00-0424** | | **Aluminum Floor Stops** *(08 71 11 00-0423)* | | |
| 08 71 11 00-0425 | EA | 1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430) | 24.46 | 10.74 |
| 08 71 11 00-0426 | EA | 1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436) | 27.43 | 10.74 |
| 08 71 11 00-0427 | EA | 1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438) | 28.57 | 10.74 |
| 08 71 11 00-0428 | EA | 2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441) | 45.83 | 10.74 |
| 08 71 11 00-0429 | EA | 3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448) | 47.90 | 10.74 |
| **08 71 11 00-0430** | | **Brass Floor Stops** *(08 71 11 00-0423)* | | |
| 08 71 11 00-0431 | EA | 1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436) | 27.85 | 10.74 |
| 08 71 11 00-0432 | EA | 1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436) | 28.99 | 10.74 |
| 08 71 11 00-0433 | EA | 1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436) | 28.99 | 10.74 |
| 08 71 11 00-0434 | EA | 1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436) | 29.43 | 10.74 |
| 08 71 11 00-0435 | EA | 1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436) | 30.01 | 10.74 |
| 08 71 11 00-0436 | EA | 1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436) | 30.01 | 10.74 |
| 08 71 11 00-0437 | EA | 1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436) | 30.01 | 10.74 |
| 08 71 11 00-0438 | EA | 1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438) | 28.57 | 10.74 |
| 08 71 11 00-0439 | EA | 1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438) | 30.29 | 10.74 |
| 08 71 11 00-0440 | EA | 1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438) | 30.29 | 10.74 |
| 08 71 11 00-0441 | EA | 1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438) | 30.96 | 10.74 |
| 08 71 11 00-0442 | EA | 1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438) | 31.54 | 10.74 |
| 08 71 11 00-0443 | EA | 1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438) | 31.54 | 10.74 |
| 08 71 11 00-0444 | EA | 1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438) | 34.25 | 10.74 |
| 08 71 11 00-0445 | EA | 1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13) | 30.40 | 10.74 |
| 08 71 11 00-0446 | EA | 1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13) | 30.40 | 10.74 |
| 08 71 11 00-0447 | EA | 1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13) | 32.28 | 10.74 |
| 08 71 11 00-0448 | EA | 1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13) | 32.28 | 10.74 |
| 08 71 11 00-0449 | EA | 1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13) | 32.28 | 10.74 |
| 08 71 11 00-0450 | EA | 1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13) | 32.28 | 10.74 |
| 08 71 11 00-0451 | EA | 1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17) | 31.70 | 10.74 |
| 08 71 11 00-0452 | EA | 1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17) | 31.70 | 10.74 |
| 08 71 11 00-0453 | EA | 1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17) | 33.53 | 10.74 |
| 08 71 11 00-0454 | EA | 1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17) | 33.53 | 10.74 |
| 08 71 11 00-0455 | EA | 1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17) | 33.53 | 10.74 |
| 08 71 11 00-0456 | EA | 1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17) | 33.53 | 10.74 |
| 08 71 11 00-0457 | EA | 2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441) | 47.50 | 10.74 |
| 08 71 11 00-0458 | EA | 2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441) | 48.31 | 10.74 |
| 08 71 11 00-0459 | EA | 2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441) | 50.29 | 10.74 |
| 08 71 11 00-0460 | EA | 2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441) | 51.89 | 10.74 |
| 08 71 11 00-0461 | EA | 2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441) | 51.89 | 10.74 |
| 08 71 11 00-0462 | EA | 2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441) | 58.41 | 10.74 |
| 08 71 11 00-0463 | EA | 2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441) | 58.41 | 10.74 |
| 08 71 11 00-0464 | EA | 3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448) | 55.99 | 10.74 |
| 08 71 11 00-0465 | EA | 3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448) | 57.15 | 10.74 |
| 08 71 11 00-0466 | EA | 3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448) | 57.15 | 10.74 |
| 08 71 11 00-0467 | EA | 3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448) | 57.15 | 10.74 |
| 08 71 11 00-0468 | EA | 3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448) | 57.15 | 10.74 |
| 08 71 11 00-0469 | EA | 3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448) | 66.09 | 10.74 |
| 08 71 11 00-0470 | EA | 3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448) | 66.09 | 10.74 |
| 08 71 11 00-0471 | EA | 1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430) | 37.78 | 10.74 |
| 08 71 11 00-0472 | EA | 1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430) | 39.27 | 10.74 |
| 08 71 11 00-0473 | EA | 1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430) | 42.63 | 10.74 |
| 08 71 11 00-0474 | EA | 1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430) | 42.63 | 10.74 |
| 08 71 11 00-0475 | EA | 1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430) | 42.63 | 10.74 |
| 08 71 11 00-0476 | EA | 1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430) | 43.63 | 10.74 |
| **08 71 11 00-0477** | | **Steel Floor Stops** *(08 71 11 00-0423)* | | |
| 08 71 11 00-0478 | EA | 2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434) | 31.98 | 10.74 |
| 08 71 11 00-0479 | EA | 1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout. | 87.25 | 10.74 |
| 08 71 11 00-0480 | EA | 3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout. | 91.96 | 10.74 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 71 11 00-0481** | | **Wall Stops** *(08 71 11 00-0422)* | | |
| **08 71 11 00-0482** | | **Aluminum Wall Stops** *(08 71 11 00-0481)* | | |
| 08 71 11 00-0483 | EA | 3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60) | 12.70 | 4.30 |
| 08 71 11 00-0484 | EA | 3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65) | 18.46 | 6.44 |
| **08 71 11 00-0485** | | **Brass Wall Stops** *(08 71 11 00-0481)* | | |
| 08 71 11 00-0486 | EA | 3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60) | 22.81 | 4.30 |
| 08 71 11 00-0487 | EA | 3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60) | 22.81 | 4.30 |
| 08 71 11 00-0488 | EA | 3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60) | 22.81 | 4.30 |
| 08 71 11 00-0489 | EA | 3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60) | 27.22 | 4.30 |
| 08 71 11 00-0490 | EA | 3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60) | 27.64 | 4.30 |
| 08 71 11 00-0491 | EA | 3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60) | 27.64 | 4.30 |
| 08 71 11 00-0492 | EA | 3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60) | 27.64 | 4.30 |
| 08 71 11 00-0493 | EA | 3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11) | 65.47 | 6.44 |
| 08 71 11 00-0494 | EA | 3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11) | 67.02 | 6.44 |
| 08 71 11 00-0495 | EA | 3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11) | 67.02 | 6.44 |
| 08 71 11 00-0496 | EA | 3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11) | 67.02 | 6.44 |
| 08 71 11 00-0497 | EA | 3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11) | 67.02 | 6.44 |
| 08 71 11 00-0498 | EA | 3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11) | 67.02 | 6.44 |
| 08 71 11 00-0499 | EA | 3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447) | 54.51 | 6.44 |
| 08 71 11 00-0500 | EA | 3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447) | 62.91 | 6.44 |
| 08 71 11 00-0501 | EA | 3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447) | 62.91 | 6.44 |
| 08 71 11 00-0502 | EA | 3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447) | 62.91 | 6.44 |
| 08 71 11 00-0503 | EA | 3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447) | 62.91 | 6.44 |
| 08 71 11 00-0504 | EA | 3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447) | 64.91 | 6.44 |
| 08 71 11 00-0505 | EA | 3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447) | 64.91 | 6.44 |
| 08 71 11 00-0506 | EA | 3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33) | 106.39 | 6.44 |
| **08 71 11 00-0507** | | **Steel Wall Stops** *(08 71 11 00-0481)* | | |
| 08 71 11 00-0508 | EA | 3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63) | 9.45 | 4.30 |
| **08 71 11 00-0509** | | **Hinge Pin Door Stops** *(08 71 11 00-0422)* | | |
| **08 71 11 00-0510** | | **Aluminum Hinge Pin Door Stops** *(08 71 11 00-0509)* | | |
| 08 71 11 00-0511 | EA | Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70) | 19.72 | 8.59 |
| **08 71 11 00-0512** | | **Brass Hinge Pin Door Stops** *(08 71 11 00-0509)* | | |
| 08 71 11 00-0513 | EA | Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72) | 20.21 | 8.59 |
| 08 71 11 00-0514 | EA | Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73) | 23.27 | 8.59 |
| 08 71 11 00-0515 | EA | Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70) | 30.65 | 8.59 |
| 08 71 11 00-0516 | EA | Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70) | 30.65 | 8.59 |
| 08 71 11 00-0517 | EA | Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70) | 30.65 | 8.59 |
| 08 71 11 00-0518 | EA | Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70) | 34.11 | 8.59 |
| 08 71 11 00-0519 | EA | Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70) | 34.11 | 8.59 |
| 08 71 11 00-0520 | EA | Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70) | 34.11 | 8.59 |
| 08 71 11 00-0521 | EA | Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70) | 34.11 | 8.59 |
| **08 71 11 00-0522** | | **Wall Bumpers** *(08 71 11 00-0422)* | | |
| **08 71 11 00-0523** | | **Brass Wall Bumpers** *(08 71 11 00-0522)* | | |
| 08 71 11 00-0524 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407) | 26.30 | 10.74 |
| 08 71 11 00-0525 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407) | 26.30 | 10.74 |
| 08 71 11 00-0526 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407) | 26.30 | 10.74 |
| 08 71 11 00-0527 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407) | 26.71 | 10.74 |
| 08 71 11 00-0528 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407) | 26.71 | 10.74 |
| 08 71 11 00-0529 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407) | 26.71 | 10.74 |
| 08 71 11 00-0530 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407) | 26.71 | 10.74 |
| 08 71 11 00-0531 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402) | 40.91 | 10.74 |
| 08 71 11 00-0532 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402) | 44.76 | 10.74 |
| 08 71 11 00-0533 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402) | 44.76 | 10.74 |
| 08 71 11 00-0534 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402) | 44.76 | 10.74 |
| 08 71 11 00-0535 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402) | 44.76 | 10.74 |
| 08 71 11 00-0536 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402) | 44.76 | 10.74 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0537 | EA | 2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402) | 45.62 | 10.74 |
| 08 71 11 00-0538 | | **Rubber Wall Bumpers** *(08 71 11 00-0522)* | | |
| 08 71 11 00-0539 | EA | 1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W) | 24.76 | 10.74 |
| 08 71 11 00-0540 | | **Holders** *(08 71 11 00-0421)* | | |
| 08 71 11 00-0541 | | **Plunger Type Door Holders** *(08 71 11 00-0540)* | | |
| 08 71 11 00-0542 | | **Aluminum Plunger Type Door Holders** *(08 71 11 00-0541)* | | |
| 08 71 11 00-0543 | EA | Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153) | 69.29 | 6.44 |
| 08 71 11 00-0544 | | **Brass Plunger Type Door Holders** *(08 71 11 00-0541)* | | |
| 08 71 11 00-0545 | EA | Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154) | 114.63 | 6.44 |
| 08 71 11 00-0546 | EA | Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154) | 114.63 | 6.44 |
| 08 71 11 00-0547 | EA | Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154) | 114.63 | 6.44 |
| 08 71 11 00-0548 | EA | Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154) | 114.63 | 6.44 |
| 08 71 11 00-0549 | EA | Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154) | 114.63 | 6.44 |
| 08 71 11 00-0550 | EA | Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154) | 114.63 | 6.44 |
| 08 71 11 00-0551 | EA | Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154) | 114.63 | 6.44 |
| 08 71 11 00-0552 | | **Kick Down Door Holders** *(08 71 11 00-0540)* | | |
| 08 71 11 00-0553 | | **Aluminum Kick Down Door Holders** *(08 71 11 00-0552)* | | |
| 08 71 11 00-0554 | EA | Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455) | 22.10 | 6.44 |
| 08 71 11 00-0555 | | **Brass Kick Down Door Holders** *(08 71 11 00-0552)* | | |
| 08 71 11 00-0556 | EA | Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455) | 50.29 | 6.44 |
| 08 71 11 00-0557 | EA | Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455) | 50.29 | 6.44 |
| 08 71 11 00-0558 | EA | Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455) | 50.29 | 6.44 |
| 08 71 11 00-0559 | EA | Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455) | 57.65 | 6.44 |
| 08 71 11 00-0560 | EA | Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455) | 57.65 | 6.44 |
| 08 71 11 00-0561 | EA | Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455) | 57.65 | 6.44 |
| 08 71 11 00-0562 | EA | Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455) | 59.50 | 6.44 |
| 08 71 11 00-0563 | | **Steel Kick Down Door Holders** *(08 71 11 00-0552)* | | |
| 08 71 11 00-0564 | EA | Steel Kick Down Door Holder (Ives FS544) | 27.79 | 6.44 |
| 08 71 11 00-0565 | | **Floor Mounted Door Holders** *(08 71 11 00-0540)* | | |
| 08 71 11 00-0566 | | **Brass Floor Mounted Door Holders** *(08 71 11 00-0565)* | | |
| 08 71 11 00-0567 | EA | Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40) | 98.37 | 12.89 |
| | | *For >1/2" To 1-1/16" Door To Floor Clearance, Add* | *1.78* | |
| | | *For >1-1/16" To 1-9/16" Door To Floor Clearance, Add* | *10.53* | |
| | | *For >1-9/16" To 2-11/16" Door To Floor Clearance, Add* | *15.80* | |
| 08 71 11 00-0568 | EA | Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40) | 98.37 | 12.89 |
| | | *For >1/2" To 1-1/16" Door To Floor Clearance, Add* | *1.78* | |
| | | *For >1-1/16" To 1-9/16" Door To Floor Clearance, Add* | *10.53* | |
| | | *For >1-9/16" To 2-11/16" Door To Floor Clearance, Add* | *15.80* | |
| 08 71 11 00-0569 | EA | Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40) | 122.80 | 12.89 |
| | | *For >1/2" To 1-1/16" Door To Floor Clearance, Add* | *1.78* | |
| | | *For >1-1/16" To 1-9/16" Door To Floor Clearance, Add* | *10.53* | |
| | | *For >1-9/16" To 2-11/16" Door To Floor Clearance, Add* | *15.80* | |
| 08 71 11 00-0570 | EA | Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40) | 122.80 | 12.89 |
| | | *For >1/2" To 1-1/16" Door To Floor Clearance, Add* | *1.78* | |
| | | *For >1-1/16" To 1-9/16" Door To Floor Clearance, Add* | *10.53* | |
| | | *For >1-9/16" To 2-11/16" Door To Floor Clearance, Add* | *15.80* | |
| 08 71 11 00-0571 | EA | Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40) | 122.80 | 12.89 |
| | | *For >1/2" To 1-1/16" Door To Floor Clearance, Add* | *1.78* | |
| | | *For >1-1/16" To 1-9/16" Door To Floor Clearance, Add* | *10.53* | |
| | | *For >1-9/16" To 2-11/16" Door To Floor Clearance, Add* | *15.80* | |
| 08 71 11 00-0572 | EA | Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40) | 122.80 | 12.89 |
| | | *For >1/2" To 1-1/16" Door To Floor Clearance, Add* | *1.78* | |
| | | *For >1-1/16" To 1-9/16" Door To Floor Clearance, Add* | *10.53* | |
| | | *For >1-9/16" To 2-11/16" Door To Floor Clearance, Add* | *15.80* | |
| 08 71 11 00-0573 | | **Wall Mounted Door Holders** *(08 71 11 00-0540)* | | |
| 08 71 11 00-0574 | | **Aluminum Wall Mounted Door Holders** *(08 71 11 00-0573)* | | |
| 08 71 11 00-0575 | EA | 4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20) | 88.49 | 7.52 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0576 | EA | Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40) | 129.23 | 12.89 |
| 08 71 11 00-0577 | | **Brass Wall Mounted Door Holders** *(08 71 11 00-0573)* | | |
| 08 71 11 00-0578 | EA | 3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449) | 81.09 | 7.52 |
| 08 71 11 00-0579 | EA | 3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449) | 94.33 | 7.52 |
| 08 71 11 00-0580 | EA | 3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449) | 94.33 | 7.52 |
| 08 71 11 00-0581 | EA | 3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449) | 94.33 | 7.52 |
| 08 71 11 00-0582 | EA | 3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449) | 94.33 | 7.52 |
| 08 71 11 00-0583 | EA | 3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449) | 94.33 | 7.52 |
| 08 71 11 00-0584 | EA | 3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449) | 97.44 | 7.52 |
| 08 71 11 00-0585 | EA | 4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20) | 92.18 | 7.52 |
| 08 71 11 00-0586 | EA | 4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20) | 110.25 | 7.52 |
| 08 71 11 00-0587 | EA | 4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20) | 110.25 | 7.52 |
| 08 71 11 00-0588 | EA | 4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20) | 110.25 | 7.52 |
| 08 71 11 00-0589 | EA | 4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20) | 110.25 | 7.52 |
| 08 71 11 00-0590 | EA | 4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20) | 110.25 | 7.52 |
| 08 71 11 00-0591 | EA | Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40) | 147.26 | 12.89 |
| 08 71 11 00-0592 | EA | Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40) | 155.38 | 12.89 |
| 08 71 11 00-0593 | EA | Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40) | 155.38 | 12.89 |
| 08 71 11 00-0594 | EA | Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40) | 155.38 | 12.89 |
| 08 71 11 00-0595 | EA | Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40) | 155.38 | 12.89 |
| 08 71 11 00-0596 | EA | Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40) | 155.38 | 12.89 |
| 08 71 11 00-0597 | | **Overhead Door Holders** *(08 71 11 00-0540)* | | |
| 08 71 11 00-0598 | | **Surface Mounted, Overhead Door Holders** *(08 71 11 00-0597)* | | |
| 08 71 11 00-0599 | EA | Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81) | 456.19 | 21.47 |
| | | *For Hold Open, Add* | *53.43* | |
| 08 71 11 00-0600 | EA | Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81) | 524.41 | 21.47 |
| | | *For Hold Open, Add* | *63.28* | |
| 08 71 11 00-0601 | EA | Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81) | 524.41 | 21.47 |
| | | *For Hold Open, Add* | *63.28* | |
| 08 71 11 00-0602 | EA | Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81) | 524.41 | 21.47 |
| | | *For Hold Open, Add* | *63.28* | |
| 08 71 11 00-0603 | EA | Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81) | 522.09 | 21.47 |
| | | *For Hold Open, Add* | *62.94* | |
| 08 71 11 00-0604 | | **Heavy Duty, Surface Mounted, Overhead Door Holders** *(08 71 11 00-0597)*<br>Note: With or without hold open feature. | | |
| 08 71 11 00-0605 | EA | Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90) | 353.18 | 21.47 |
| 08 71 11 00-0606 | EA | Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90) | 516.06 | 21.47 |
| 08 71 11 00-0607 | EA | Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90) | 587.05 | 21.47 |
| 08 71 11 00-0608 | EA | Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90) | 587.05 | 21.47 |
| 08 71 11 00-0609 | EA | Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90) | 587.05 | 21.47 |
| 08 71 11 00-0610 | | **Concealed Mounted, Overhead Door Holders** *(08 71 11 00-0597)*<br>Note: With or without hold open feature. | | |
| 08 71 11 00-0611 | EA | Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100) | 498.89 | 21.47 |
| 08 71 11 00-0612 | EA | Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100) | 498.89 | 21.47 |
| 08 71 11 00-0613 | EA | Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100) | 526.73 | 21.47 |
| 08 71 11 00-0614 | EA | Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100) | 550.39 | 21.47 |
| 08 71 11 00-0615 | EA | Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100) | 550.39 | 21.47 |
| 08 71 11 00-0616 | | **Silencers** *(08 71 11 00-0421)* | | |
| 08 71 11 00-0617 | EA | Replacement Of Rubber Door Silencers<br>Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations. | 1.34 | |
| 08 71 11 00-0618 | | **Bolts** *(08 71 11 00-0421)* | | |
| 08 71 11 00-0619 | | **Brass Surface Bolts** *(08 71 11 00-0618)* | | |
| 08 71 11 00-0620 | EA | 8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640) | 150.10 | 10.74 |
| 08 71 11 00-0621 | EA | 8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640) | 160.82 | 10.74 |
| 08 71 11 00-0622 | EA | 8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640) | 160.82 | 10.74 |
| 08 71 11 00-0623 | | **Steel Surface Bolts** *(08 71 11 00-0618)* | | |
| 08 71 11 00-0624 | EA | 8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453) | 67.04 | 10.74 |
| 08 71 11 00-0625 | EA | 8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453) | 67.04 | 10.74 |
| 08 71 11 00-0626 | EA | 8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453) | 67.04 | 10.74 |
| 08 71 11 00-0627 | EA | 8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453) | 76.41 | 10.74 |
| 08 71 11 00-0628 | EA | 8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453) | 77.76 | 10.74 |
| 08 71 11 00-0629 | EA | 8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453) | 80.43 | 10.74 |
| 08 71 11 00-0630 | EA | 12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453) | 79.08 | 10.74 |
| 08 71 11 00-0631 | EA | 12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453) | 83.12 | 10.74 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0632 | EA | 12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453) | 88.48 | 10.74 |
| 08 71 11 00-0633 | EA | 12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453) | 92.49 | 10.74 |
| 08 71 11 00-0634 | EA | 12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360) | 146.09 | 10.74 |
| 08 71 11 00-0635 | | Door Viewer *(08 71 11 00-0421)* | | |
| 08 71 11 00-0636 | | Brass Door Viewer *(08 71 11 00-0635)* | | |
| 08 71 11 00-0637 | EA | 120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700) | 34.25 | 10.74 |
| 08 71 11 00-0638 | EA | 120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700) | 34.25 | 10.74 |
| 08 71 11 00-0639 | EA | 120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700) | 34.25 | 10.74 |
| 08 71 11 00-0640 | EA | 150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696) | 40.24 | 10.74 |
| 08 71 11 00-0641 | EA | 150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696) | 40.24 | 10.74 |
| 08 71 11 00-0642 | EA | 150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696) | 40.24 | 10.74 |
| 08 71 11 00-0643 | EA | 190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698) | 47.62 | 10.74 |
| 08 71 11 00-0644 | EA | 190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698) | 47.62 | 10.74 |
| 08 71 11 00-0645 | | Door Knockers *(08 71 11 00-0421)* | | |
| 08 71 11 00-0646 | | Brass Door Knockers *(08 71 11 00-0645)* | | |
| 08 71 11 00-0647 | EA | 5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125) | 52.72 | 10.74 |
| 08 71 11 00-0648 | EA | 5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125) | 58.41 | 10.74 |
| 08 71 11 00-0649 | EA | 5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125) | 58.41 | 10.74 |
| 08 71 11 00-0650 | EA | 5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125) | 58.41 | 10.74 |
| 08 71 11 00-0651 | EA | 8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107) | 79.99 | 10.74 |
| 08 71 11 00-0652 | EA | 8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107) | 93.70 | 10.74 |
| 08 71 11 00-0653 | | Hasps *(08 71 11 00-0421)* | | |
| 08 71 11 00-0654 | EA | 3-1/4", Zinc Plated Finish, Steel Hasp Assembly | 23.96 | 8.10 |
| 08 71 11 00-0655 | EA | 4-1/2", Zinc Plated Finish, Steel Hasp Assembly | 25.55 | 8.59 |
| 08 71 11 00-0656 | EA | 6", Zinc Plated Finish, Steel Hasp Assembly | 32.92 | 9.67 |
| 08 71 11 00-0657 | EA | 6", Zinc Plated Finish, Steel High Security Hasp Assembly | 141.06 | 11.59 |
| 08 71 11 00-0658 | | Flush Bolts *(08 71 11 00-0421)* | | |
| 08 71 11 00-0659 | | Flush Bolts For Metal Doors *(08 71 11 00-0658)* | | |
| 08 71 11 00-0660 | | Brass Flush Bolts For Metal Doors *(08 71 11 00-0659)* | | |
| 08 71 11 00-0661 | | Manual, Brass Flush Bolts For Metal Doors *(08 71 11 00-0660)*<br>Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish. | | |
| 08 71 11 00-0662 | EA | Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458) | 50.96 | 10.74 |
| 08 71 11 00-0663 | | Automatic, Brass Flush Bolts For Metal Doors *(08 71 11 00-0660)*<br>Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish. | | |
| 08 71 11 00-0664 | EA | Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T) | 128.38 | 10.74 |
| 08 71 11 00-0665 | EA | Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B) | 128.38 | 10.74 |
| 08 71 11 00-0666 | EA | Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P) | 236.96 | 17.17 |
| 08 71 11 00-0667 | EA | Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32) | 232.66 | 15.03 |
| 08 71 11 00-0668 | EA | Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33) | 241.52 | 16.10 |
| 08 71 11 00-0669 | | Constant Latching, Brass Flush Bolts For Metal Doors *(08 71 11 00-0660)*<br>Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish. | | |
| 08 71 11 00-0670 | EA | Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T) | 127.20 | 10.74 |
| 08 71 11 00-0671 | EA | Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P) | 236.96 | 17.17 |
| 08 71 11 00-0672 | EA | Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52) | 232.66 | 15.03 |
| 08 71 11 00-0673 | EA | Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53) | 241.52 | 16.10 |
| 08 71 11 00-0674 | | Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0659)* | | |
| 08 71 11 00-0675 | | Automatic, Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0674)*<br>Note: Includes stainless steel construction with bright or satin finish. | | |
| 08 71 11 00-0676 | EA | Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T) | 128.38 | 10.74 |
| 08 71 11 00-0677 | EA | Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B) | 128.38 | 10.74 |
| 08 71 11 00-0678 | EA | Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P) | 236.96 | 17.17 |
| 08 71 11 00-0679 | EA | Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32) | 232.66 | 15.03 |
| 08 71 11 00-0680 | EA | Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33) | 241.52 | 16.10 |
| 08 71 11 00-0681 | | Constant Latching, Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0674)*<br>Note: Includes stainless steel construction with bright or satin finish. | | |
| 08 71 11 00-0682 | EA | Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T) | 127.20 | 10.74 |
| 08 71 11 00-0683 | EA | Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P) | 236.96 | 17.17 |
| 08 71 11 00-0684 | EA | Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52) | 232.66 | 15.03 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0685 | EA | Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53) | 241.52 | 16.10 |
| 08 71 11 00-0686 | | Flush Bolts For Wood Doors *(08 71 11 00-0658)* | | |
| 08 71 11 00-0687 | | Brass Flush Bolts For Wood Doors *(08 71 11 00-0686)* | | |
| 08 71 11 00-0688 | | Manual, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)*<br>Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish. | | |
| 08 71 11 00-0689 | EA | Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358) | 60.98 | 10.74 |
| 08 71 11 00-0690 | | Automatic, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)*<br>Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish. | | |
| 08 71 11 00-0691 | EA | Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T) | 133.61 | 10.74 |
| 08 71 11 00-0692 | EA | Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B) | 133.61 | 10.74 |
| 08 71 11 00-0693 | EA | Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P) | 248.21 | 17.17 |
| 08 71 11 00-0694 | EA | Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42) | 243.91 | 15.03 |
| 08 71 11 00-0695 | | Constant Latching, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)*<br>Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish. | | |
| 08 71 11 00-0696 | EA | Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T) | 132.56 | 10.74 |
| 08 71 11 00-0697 | EA | Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P) | 248.21 | 17.17 |
| 08 71 11 00-0698 | EA | Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62) | 243.91 | 15.03 |
| 08 71 11 00-0699 | | Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0686)* | | |
| 08 71 11 00-0700 | | Automatic, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0699)*<br>Note: Includes stainless steel construction with bright or satin finish. | | |
| 08 71 11 00-0701 | EA | Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T) | 133.61 | 10.74 |
| 08 71 11 00-0702 | EA | Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B) | 133.61 | 10.74 |
| 08 71 11 00-0703 | EA | Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P) | 248.21 | 17.17 |
| 08 71 11 00-0704 | EA | Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42) | 243.91 | 15.03 |
| 08 71 11 00-0705 | | Constant Latching, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0699)*<br>Note: Includes stainless steel construction with bright or satin finish. | | |
| 08 71 11 00-0706 | EA | Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T) | 132.56 | 10.74 |
| 08 71 11 00-0707 | EA | Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P) | 248.21 | 17.17 |
| 08 71 11 00-0708 | EA | Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62) | 243.91 | 15.03 |
| 08 71 11 00-0709 | | Dust Proof Strikes *(08 71 11 00-0658)* | | |
| 08 71 11 00-0710 | EA | Satin Brass Finish, Brass Dust Proof Strike (Ives DP1) | 45.85 | 8.59 |
| 08 71 11 00-0711 | EA | Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1) | 45.85 | 8.59 |
| 08 71 11 00-0712 | EA | Bright Brass Finish, Brass Dust Proof Strike (Ives DP1) | 45.85 | 8.59 |
| 08 71 11 00-0713 | EA | Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1) | 45.85 | 8.59 |
| 08 71 11 00-0714 | EA | Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1) | 45.85 | 8.59 |
| 08 71 11 00-0715 | EA | Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2) | 53.34 | 8.59 |
| 08 71 11 00-0716 | EA | Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2) | 53.34 | 8.59 |
| 08 71 11 00-0717 | EA | Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2) | 53.34 | 8.59 |
| 08 71 11 00-0718 | EA | Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2) | 53.34 | 8.59 |
| 08 71 11 00-0719 | EA | Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2) | 53.34 | 8.59 |
| 08 71 11 00-0720 | | Roller Bumpers *(08 71 11 00-0421)* | | |
| 08 71 11 00-0721 | | Brass Roller Bumpers *(08 71 11 00-0720)* | | |
| 08 71 11 00-0722 | EA | 5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470) | 48.85 | 6.44 |
| 08 71 11 00-0723 | EA | 5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470) | 57.81 | 6.44 |
| 08 71 11 00-0724 | EA | 5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470) | 57.81 | 6.44 |
| 08 71 11 00-0725 | EA | 4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471) | 46.83 | 6.44 |
| 08 71 11 00-0726 | EA | 4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471) | 53.66 | 6.44 |
| 08 71 11 00-0727 | EA | 4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471) | 53.66 | 6.44 |
| 08 71 11 00-0728 | EA | 4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471) | 53.66 | 6.44 |
| 08 71 11 00-0729 | EA | 6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472) | 48.99 | 6.44 |
| 08 71 11 00-0730 | EA | 6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472) | 53.82 | 6.44 |
| 08 71 11 00-0731 | EA | 6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472) | 56.09 | 6.44 |
| 08 71 11 00-0732 | EA | 6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472) | 56.09 | 6.44 |
| 08 71 11 00-0733 | EA | 6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472) | 56.09 | 6.44 |
| 08 71 11 00-0734 | EA | 6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472) | 56.09 | 6.44 |
| 08 71 11 00-0735 | EA | 6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472) | 56.09 | 6.44 |
| 08 71 11 00-0736 | | Other Door Trim *(08 71 11 00-0421)* | | |
| 08 71 11 00-0737 | | Coat And Hat Hooks *(08 71 11 00-0736)* | | |
| 08 71 11 00-0738 | | Aluminum Coat And Hat Hooks *(08 71 11 00-0737)* | | |
| 08 71 11 00-0739 | EA | 1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581) | 15.25 | 6.44 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0740 | EA | 1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581) | 15.25 | 6.44 |
| 08 71 11 00-0741 | EA | 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581) | 15.42 | 6.44 |
| 08 71 11 00-0742 | EA | 1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571) | 15.14 | 6.44 |
| 08 71 11 00-0743 | EA | 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571) | 15.14 | 6.44 |
| 08 71 11 00-0744 | EA | 1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571) | 15.14 | 6.44 |
| 08 71 11 00-0745 | EA | 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571) | 15.42 | 6.44 |
| 08 71 11 00-0746 | EA | 1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405) | 16.25 | 6.44 |
| 08 71 11 00-0747 | EA | 1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405) | 16.25 | 6.44 |
| 08 71 11 00-0748 | EA | 1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405) | 16.25 | 6.44 |
| 08 71 11 00-0749 | EA | 1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405) | 16.25 | 6.44 |
| 08 71 11 00-0750 | EA | 1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405) | 16.25 | 6.44 |
| 08 71 11 00-0751 | | Brass Coat And Hat Hooks *(08 71 11 00-0737)* | | |
| 08 71 11 00-0752 | EA | 1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581) | 19.80 | 6.44 |
| 08 71 11 00-0753 | EA | 1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581) | 20.24 | 6.44 |
| 08 71 11 00-0754 | EA | 1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581) | 20.94 | 6.44 |
| 08 71 11 00-0755 | EA | 1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581) | 20.94 | 6.44 |
| 08 71 11 00-0756 | EA | 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581) | 21.38 | 6.44 |
| 08 71 11 00-0757 | EA | 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571) | 22.79 | 6.44 |
| 08 71 11 00-0758 | EA | 1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571) | 24.79 | 6.44 |
| 08 71 11 00-0759 | EA | 1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571) | 24.79 | 6.44 |
| 08 71 11 00-0760 | EA | 1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571) | 24.79 | 6.44 |
| 08 71 11 00-0761 | EA | 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571) | 25.23 | 6.44 |
| 08 71 11 00-0762 | | Door Plates And Pulls *(08 71 11)* | | |
| 08 71 11 00-0763 | | Kick Plate *(08 71 11 00-0762)*<br>Note: Ives 8400. | | |
| 08 71 11 00-0764 | | Aluminum Base Material Kick Plate *(08 71 11 00-0763)* | | |
| 08 71 11 00-0765 | | Satin Aluminum Finish, Aluminum Kick Plate *(08 71 11 00-0764)* | | |
| 08 71 11 00-0766 | EA | 8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 47.94 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0767 | EA | 8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 49.99 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0768 | EA | 8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 51.98 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0769 | EA | 8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 54.00 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0770 | EA | 8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 57.77 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0771 | EA | 8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 59.74 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0772 | EA | 8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 61.76 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0773 | EA | 8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 63.78 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0774 | EA | 8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 67.51 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0775 | EA | 8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 69.53 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0776 | EA | 8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 71.53 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0777 | EA | 8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 75.29 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0778 | EA | 8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 77.31 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0779 | EA | 8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 79.31 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0780 | EA | 10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 53.52 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0781 | EA | 10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 56.05 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0782 | EA | 10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 58.53 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0783 | EA | 10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 61.06 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0784 | EA | 10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 65.31 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0785 | EA | 10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 67.82 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0786 | EA | 10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 70.35 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0787 | EA | 10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 72.86 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0788 | EA | 10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 77.10 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0789 | EA | 10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 79.61 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0790 | EA | 10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 82.14 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0791 | EA | 10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 86.39 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0792 | EA | 10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 88.87 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0793 | EA | 10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 91.40 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0794 | EA | 12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 59.06 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0795 | EA | 12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 62.06 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0796 | EA | 12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 65.12 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0797 | EA | 12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 68.10 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0798 | EA | 12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 72.86 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0799 | EA | 12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 75.88 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0800 | EA | 12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 78.89 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0801 | EA | 12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 81.94 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0802 | EA | 12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 86.66 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0803 | EA | 12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 89.68 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0804 | EA | 12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 92.72 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0805 | EA | 12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 97.46 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0806 | EA | 12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 100.48 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0807 | EA | 12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 103.52 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0808 | EA | 14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 66.29 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0809 | EA | 14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 69.82 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0810 | EA | 14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 73.39 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0811 | EA | 14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 76.92 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0812 | EA | 14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 82.14 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0813 | EA | 14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 85.67 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0814 | EA | 14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 89.20 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0815 | EA | 14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 92.72 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0816 | EA | 14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 97.97 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0817 | EA | 14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 101.48 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0818 | EA | 14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 105.01 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0819 | EA | 14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 110.26 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0820 | EA | 14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 113.81 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0821 | EA | 14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 117.34 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0822 | EA | 16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 71.86 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0823 | EA | 16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 75.88 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0824 | EA | 16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 79.94 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0825 | EA | 16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 83.96 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0826 | EA | 16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 85.67 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0827 | EA | 16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 93.75 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0828 | EA | 16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 97.79 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0829 | EA | 16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 101.80 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0830 | EA | 16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 107.54 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0831 | EA | 16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 111.60 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0832 | EA | 16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 115.62 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0833 | EA | 16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 121.36 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0834 | EA | 16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 125.40 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0835 | EA | 16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 129.46 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0836 | EA | 18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 80.59 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0837 | EA | 18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 85.42 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0838 | EA | 18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 90.25 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0839 | EA | 18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 95.08 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0840 | EA | 18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 101.59 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0841 | EA | 18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 106.42 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0842 | EA | 18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 111.25 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0843 | EA | 18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 116.08 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0844 | EA | 18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 122.63 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0845 | EA | 18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 127.46 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0846 | EA | 18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 132.29 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0847 | EA | 18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 138.84 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0848 | EA | 18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 143.67 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0849 | EA | 18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 148.50 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0850 | EA | 20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 88.20 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0851 | EA | 20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 93.56 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0852 | EA | 20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 98.92 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0853 | EA | 20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 104.29 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0854 | EA | 20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 111.37 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0855 | EA | 20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 116.73 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0856 | EA | 20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 122.10 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0857 | EA | 20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 127.46 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0858 | EA | 20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 134.54 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0859 | EA | 20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 139.91 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0860 | EA | 20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 145.27 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0861 | EA | 20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 152.35 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0862 | EA | 20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 157.72 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0863 | EA | 20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 163.08 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0864 | EA | 22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 94.09 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0865 | EA | 22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 99.99 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0866 | EA | 22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 105.89 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0867 | EA | 22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 111.79 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0868 | EA | 22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 119.43 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0869 | EA | 22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 125.32 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0870 | EA | 22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 131.22 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0871 | EA | 22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 137.12 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0872 | EA | 22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 144.74 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0873 | EA | 22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 150.63 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0874 | EA | 22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 156.53 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0875 | EA | 22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 164.15 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0876 | EA | 22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 170.05 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0877 | EA | 22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 175.94 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0878 | EA | 24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 99.99 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0879 | EA | 24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 106.42 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0880 | EA | 24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 112.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0881 | EA | 24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 119.31 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0882 | EA | 24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 127.46 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0883 | EA | 24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 133.89 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0884 | EA | 24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 140.32 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0885 | EA | 24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 146.78 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0886 | EA | 24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 154.93 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0887 | EA | 24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 161.36 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0888 | EA | 24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 167.79 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0889 | EA | 24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 175.94 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0890 | EA | 24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 182.40 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0891 | EA | 24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate | 188.83 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

08 71 11 00-0892 Brass Base Material Kick Plate *(08 71 11 00-0763)*

08 71 11 00-0893 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 11 00-0892)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-0894 | EA | 8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 99.59 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0895 | EA | 8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 106.29 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0896 | EA | 8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 113.01 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0897 | EA | 8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 119.72 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0898 | EA | 8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 128.14 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0899 | EA | 8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 134.89 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0900 | EA | 8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 141.59 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0901 | EA | 8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 148.29 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0902 | EA | 8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 156.70 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0903 | EA | 8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 163.40 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0904 | EA | 8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 170.11 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0905 | EA | 8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 178.53 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0906 | EA | 8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 185.28 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0907 | EA | 8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 191.98 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0908 | EA | 10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 118.06 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0909 | EA | 10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 126.42 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0910 | EA | 10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 134.82 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0911 | EA | 10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 143.21 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0912 | EA | 10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 153.29 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0913 | EA | 10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 161.69 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0914 | EA | 10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 170.10 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0915 | EA | 10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 178.48 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0916 | EA | 10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 188.55 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0917 | EA | 10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 196.96 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0918 | EA | 10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 205.37 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0919 | EA | 10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 215.45 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0920 | EA | 10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 223.85 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0921 | EA | 10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 232.24 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0922 | EA | 12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 136.46 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0923 | EA | 12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 146.57 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0924 | EA | 12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 156.61 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0925 | EA | 12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 166.68 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0926 | EA | 12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 178.48 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0927 | EA | 12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 188.55 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0928 | EA | 12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 198.61 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0929 | EA | 12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 208.65 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0930 | EA | 12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 220.48 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0931 | EA | 12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 230.52 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0932 | EA | 12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 240.58 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0933 | EA | 12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 252.37 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0934 | EA | 12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 262.41 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0935 | EA | 12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 272.52 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0936 | EA | 14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 156.67 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0937 | EA | 14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 168.40 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0938 | EA | 14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 180.14 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0939 | EA | 14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 191.91 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0940 | EA | 14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 205.37 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0941 | EA | 14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 217.11 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0942 | EA | 14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 228.84 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0943 | EA | 14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 240.58 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0944 | EA | 14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 254.05 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0945 | EA | 14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 265.79 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0946 | EA | 14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 277.52 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0947 | EA | 14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 290.98 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0948 | EA | 14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 302.75 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0949 | EA | 14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 314.50 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0950 | EA | 16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 221.99 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0951 | EA | 16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 239.71 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0952 | EA | 16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 257.39 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0953 | EA | 16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 275.04 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0954 | EA | 16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 294.43 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0955 | EA | 16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 312.13 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0956 | EA | 16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 329.83 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0957 | EA | 16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 347.46 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0958 | EA | 16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 366.91 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0959 | EA | 16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 384.61 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0960 | EA | 16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 402.29 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0961 | EA | 16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 421.66 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0962 | EA | 16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 439.34 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0963 | EA | 16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 457.04 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0964 | EA | 18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 245.92 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0965 | EA | 18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 265.77 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0966 | EA | 18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 285.60 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0967 | EA | 18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 305.50 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0968 | EA | 18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 327.05 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0969 | EA | 18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 346.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0970 | EA | 18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 366.78 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0971 | EA | 18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 386.60 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0972 | EA | 18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 408.22 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0973 | EA | 18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 428.07 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0974 | EA | 18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 447.89 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0975 | EA | 18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 469.51 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0976 | EA | 18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 489.34 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0977 | EA | 18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 509.18 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0978 | EA | 20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 271.90 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0979 | EA | 20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 293.94 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0980 | EA | 20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 316.03 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0981 | EA | 20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 338.05 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0982 | EA | 20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 361.86 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0983 | EA | 20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 383.93 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0984 | EA | 20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 405.98 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0985 | EA | 20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 428.07 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-0986 | EA | 20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 451.81 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0987 | EA | 20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 473.90 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0988 | EA | 20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 495.97 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0989 | EA | 20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 519.73 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0990 | EA | 20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 541.82 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0991 | EA | 20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 563.84 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0992 | EA | 22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 296.18 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0993 | EA | 22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 320.42 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0994 | EA | 22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 344.69 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0995 | EA | 22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 368.97 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0996 | EA | 22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 394.95 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0997 | EA | 22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 419.24 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0998 | EA | 22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 443.50 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-0999 | EA | 22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 467.79 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1000 | EA | 22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 493.75 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1001 | EA | 22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 518.01 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1002 | EA | 22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 542.30 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1003 | EA | 22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 568.28 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1004 | EA | 22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 592.57 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1005 | EA | 22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 616.78 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1006 | EA | 24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 320.42 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1007 | EA | 24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 346.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1008 | EA | 24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 373.39 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1009 | EA | 24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 399.87 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1010 | EA | 24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 428.07 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1011 | EA | 24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 454.53 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1012 | EA | 24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 481.01 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1013 | EA | 24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 508.94 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1014 | EA | 24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 535.67 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1015 | EA | 24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 562.12 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1016 | EA | 24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 588.60 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1017 | EA | 24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 616.78 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1018 | EA | 24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 643.31 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1019 | EA | 24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate | 669.77 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

## 08 71 11 00-1020 Bright/Satin Chrome Finish, Stainless Kick Plate *(08 71 11 00-0892)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1021 | EA | 8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 107.40 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1022 | EA | 8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 114.82 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1023 | EA | 8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 122.25 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1024 | EA | 8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 129.67 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1025 | EA | 8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 138.81 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1026 | EA | 8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 146.21 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1027 | EA | 8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 153.64 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1028 | EA | 8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 161.06 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1029 | EA | 8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 170.19 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1030 | EA | 8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 177.64 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1031 | EA | 8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 185.06 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1032 | EA | 8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 194.21 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1033 | EA | 8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 201.63 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1034 | EA | 8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 209.05 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1035 | EA | 10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 127.82 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1036 | EA | 10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 137.09 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1037 | EA | 10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 146.37 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1038 | EA | 10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 155.64 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1039 | EA | 10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 166.66 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1040 | EA | 10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 175.93 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1041 | EA | 10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 185.20 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1042 | EA | 10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 194.48 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1043 | EA | 10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 205.46 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1044 | EA | 10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 214.73 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1045 | EA | 10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 224.01 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1046 | EA | 10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 235.00 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1047 | EA | 10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 244.27 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1048 | EA | 10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 253.55 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1049 | EA | 12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 148.22 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1050 | EA | 12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 159.34 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1051 | EA | 12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 170.51 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1052 | EA | 12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 181.63 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1053 | EA | 12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 194.48 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1054 | EA | 12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 205.62 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1055 | EA | 12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 216.75 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1056 | EA | 12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 227.87 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1057 | EA | 12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 240.70 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1058 | EA | 12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 251.83 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1059 | EA | 12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 262.97 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1060 | EA | 12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 275.82 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1061 | EA | 12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 286.98 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1062 | EA | 12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 298.11 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1063 | EA | 14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 170.33 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1064 | EA | 14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 183.35 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1065 | EA | 14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 196.35 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1066 | EA | 14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 209.32 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1067 | EA | 14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 224.01 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1068 | EA | 14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 237.00 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1069 | EA | 14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 249.98 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1070 | EA | 14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 262.97 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1071 | EA | 14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 277.71 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1072 | EA | 14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 290.68 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1073 | EA | 14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 303.66 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1074 | EA | 14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 294.96 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1075 | EA | 14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 331.35 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1076 | EA | 14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 344.34 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1077 | EA | 16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 245.17 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1078 | EA | 16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 264.99 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1079 | EA | 16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 284.77 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1080 | EA | 16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 304.56 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1081 | EA | 16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 326.06 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1082 | EA | 16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 345.84 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1083 | EA | 16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 365.66 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1084 | EA | 16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 385.44 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1085 | EA | 16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 406.95 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1086 | EA | 16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 426.74 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1087 | EA | 16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 446.52 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1088 | EA | 16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 468.03 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1089 | EA | 16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 487.82 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1090 | EA | 16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 507.61 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1091 | EA | 18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 271.68 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1092 | EA | 18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 293.91 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1093 | EA | 18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 316.08 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1094 | EA | 18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 338.30 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1095 | EA | 18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 362.19 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1096 | EA | 18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 384.39 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1097 | EA | 18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 406.59 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1098 | EA | 18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 428.79 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1099 | EA | 18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 452.68 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1100 | EA | 18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 474.91 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1101 | EA | 18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 497.13 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1102 | EA | 18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 521.02 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1103 | EA | 18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 543.25 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1104 | EA | 18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 565.42 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1105 | EA | 20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 300.51 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1106 | EA | 20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 325.21 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1107 | EA | 20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 349.85 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1108 | EA | 20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 374.55 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1109 | EA | 20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 400.91 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1110 | EA | 20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 425.57 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1111 | EA | 20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 450.25 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1112 | EA | 20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 474.91 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1113 | EA | 20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 501.33 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1114 | EA | 20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 525.97 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1115 | EA | 20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 550.62 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1116 | EA | 20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 577.03 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1117 | EA | 20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate | 601.68 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1118 | EA | 20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 626.37 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1119 | EA | 22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 327.65 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1120 | EA | 22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 354.81 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1121 | EA | 22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 381.93 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1122 | EA | 22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 409.05 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1123 | EA | 22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 437.93 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1124 | EA | 22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 465.05 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1125 | EA | 22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 492.19 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1126 | EA | 22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 519.30 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1127 | EA | 22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 548.19 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1128 | EA | 22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 575.31 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1129 | EA | 22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 602.45 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1130 | EA | 22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 631.28 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1131 | EA | 22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 658.40 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1132 | EA | 22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 685.56 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1133 | EA | 24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 354.81 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1134 | EA | 24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 384.39 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1135 | EA | 24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 413.99 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1136 | EA | 24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 443.59 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1137 | EA | 24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 474.91 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1138 | EA | 24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 504.51 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1139 | EA | 24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 534.15 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1140 | EA | 24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 563.70 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1141 | EA | 24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 595.02 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1142 | EA | 24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 624.65 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1143 | EA | 24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 654.24 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1144 | EA | 24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 685.56 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1145 | EA | 24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 715.16 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1146 | EA | 24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate | 744.76 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

## 08 71 11 00-1147 Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 11 00-0892)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1148 | EA | 8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 108.65 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1149 | EA | 8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 116.15 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1150 | EA | 8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 123.72 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1151 | EA | 8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 131.22 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1152 | EA | 8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 140.51 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1153 | EA | 8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 148.03 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1154 | EA | 8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 155.58 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1155 | EA | 8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 163.10 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1156 | EA | 8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 172.31 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1157 | EA | 8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 179.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1158 | EA | 8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 187.40 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1159 | EA | 8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 196.67 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1160 | EA | 8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 204.19 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1161 | EA | 8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 211.73 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1162 | EA | 10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 129.35 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1163 | EA | 10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 138.79 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1164 | EA | 10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 148.18 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1165 | EA | 10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 157.60 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1166 | EA | 10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 168.73 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1167 | EA | 10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 178.17 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1168 | EA | 10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 187.56 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1169 | EA | 10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 196.97 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1170 | EA | 10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 208.12 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1171 | EA | 10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 217.54 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1172 | EA | 10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 226.93 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1173 | EA | 10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 238.11 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1174 | EA | 10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 247.50 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1175 | EA | 10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 256.91 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1176 | EA | 12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 150.07 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1177 | EA | 12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 161.38 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1178 | EA | 12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 172.66 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1179 | EA | 12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 183.97 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1180 | EA | 12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 196.97 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1181 | EA | 12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 208.30 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1182 | EA | 12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 219.61 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1183 | EA | 12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 230.89 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1184 | EA | 12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 243.91 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1185 | EA | 12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 255.19 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1186 | EA | 12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 266.48 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1187 | EA | 12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 279.50 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1188 | EA | 12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 290.83 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1189 | EA | 12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 302.12 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1190 | EA | 14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 172.49 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1191 | EA | 14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 185.69 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1192 | EA | 14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 198.87 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1193 | EA | 14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 212.04 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1194 | EA | 14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 226.93 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1195 | EA | 14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 240.13 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1196 | EA | 14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 253.30 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1197 | EA | 14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 266.48 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1198 | EA | 14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 281.40 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1199 | EA | 14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 294.57 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1200 | EA | 14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 307.75 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1201 | EA | 14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 322.67 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1202 | EA | 14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 335.89 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1203 | EA | 14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 349.06 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1204 | EA | 16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 244.65 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1205 | EA | 16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 264.42 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1206 | EA | 16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 284.16 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1207 | EA | 16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 303.90 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1208 | EA | 16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 325.35 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1209 | EA | 16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 345.09 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1210 | EA | 16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 364.85 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1211 | EA | 16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 384.59 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1212 | EA | 16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 406.05 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1213 | EA | 16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 425.79 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1214 | EA | 16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 445.53 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1215 | EA | 16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 466.99 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1216 | EA | 16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 486.73 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1217 | EA | 16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 506.47 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1218 | EA | 18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 271.10 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1219 | EA | 18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 293.27 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1220 | EA | 18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 315.39 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1221 | EA | 18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 337.56 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1222 | EA | 18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 361.39 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1223 | EA | 18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 383.54 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1224 | EA | 18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 405.69 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1225 | EA | 18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 427.83 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1226 | EA | 18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 451.68 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1227 | EA | 18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 473.84 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1228 | EA | 18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 496.01 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1229 | EA | 18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 519.86 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1230 | EA | 18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 542.03 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1231 | EA | 18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 564.15 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1232 | EA | 20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 299.86 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1233 | EA | 20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 324.51 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1234 | EA | 20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 349.08 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1235 | EA | 20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 373.73 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1236 | EA | 20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 400.02 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1237 | EA | 20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 424.62 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1238 | EA | 20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 449.25 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1239 | EA | 20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 473.84 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1240 | EA | 20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 500.21 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1241 | EA | 20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 524.79 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1242 | EA | 20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 549.39 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1243 | EA | 20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 575.73 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1244 | EA | 20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 600.33 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1245 | EA | 20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 624.95 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1246 | EA | 22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 326.94 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1247 | EA | 22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 354.03 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1248 | EA | 22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 381.09 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1249 | EA | 22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 408.14 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1250 | EA | 22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 436.96 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1251 | EA | 22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 464.01 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1252 | EA | 22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 491.08 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1253 | EA | 22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 518.14 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1254 | EA | 22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 546.96 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1255 | EA | 22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 574.01 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1256 | EA | 22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 601.08 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1257 | EA | 22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 629.86 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1258 | EA | 22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 656.91 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1259 | EA | 22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 684.01 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1260 | EA | 24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 354.03 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1261 | EA | 24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 383.54 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1262 | EA | 24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 413.07 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1263 | EA | 24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 442.60 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1264 | EA | 24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 473.84 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1265 | EA | 24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 503.37 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1266 | EA | 24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 532.95 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1267 | EA | 24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 562.43 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1268 | EA | 24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 593.68 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1269 | EA | 24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 623.23 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1270 | EA | 24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 652.76 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1271 | EA | 24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 684.01 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1272 | EA | 24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 713.53 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1273 | EA | 24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate | 743.06 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1274 | | Satin Nickel Finish, Stainless Kick Plate *(08 71 11 00-0892)* | | |
| 08 71 11 00-1275 | EA | 8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 110.43 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1276 | EA | 8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 118.09 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1277 | EA | 8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 125.82 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1278 | EA | 8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 133.48 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1279 | EA | 8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 142.93 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1280 | EA | 8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 150.61 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1281 | EA | 8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 158.32 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1282 | EA | 8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 166.00 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1283 | EA | 8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 175.37 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1284 | EA | 8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 183.10 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1285 | EA | 8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 190.79 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1286 | EA | 8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 200.21 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1287 | EA | 8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 207.90 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1288 | EA | 8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 215.60 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1289 | EA | 10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 131.57 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1290 | EA | 10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 141.21 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1291 | EA | 10" x 26", 0.050" Thick, Satin Nickel Finish, StainlessKick Plate | 150.80 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1292 | EA | 10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 160.42 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1293 | EA | 10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 171.75 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1294 | EA | 10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 181.39 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1295 | EA | 10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 190.99 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1296 | EA | 10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 200.60 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1297 | EA | 10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 211.95 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1298 | EA | 10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 221.57 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1299 | EA | 10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 231.16 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1300 | EA | 10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 242.54 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1301 | EA | 10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 252.14 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1302 | EA | 10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 261.75 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1303 | EA | 12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 152.73 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1304 | EA | 12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 164.28 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1305 | EA | 12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 175.81 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1306 | EA | 12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 187.36 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1307 | EA | 12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 200.60 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1308 | EA | 12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 212.17 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1309 | EA | 12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 223.72 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1310 | EA | 12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 235.25 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1311 | EA | 12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 248.51 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1312 | EA | 12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 260.03 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1313 | EA | 12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 271.56 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1314 | EA | 12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 284.82 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1315 | EA | 12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 296.40 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1316 | EA | 12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 307.92 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1317 | EA | 14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 175.60 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1318 | EA | 14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 189.08 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1319 | EA | 14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate | 202.53 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1320 | EA | 14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 215.99 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1321 | EA | 14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 231.16 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1322 | EA | 14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 244.64 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1323 | EA | 14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 258.10 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1324 | EA | 14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 271.56 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1325 | EA | 14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 286.76 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1326 | EA | 14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 300.22 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1327 | EA | 14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 313.67 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1328 | EA | 14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 328.87 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1329 | EA | 14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 342.38 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1330 | EA | 14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 355.84 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1331 | EA | 16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 249.30 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1332 | EA | 16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 269.49 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1333 | EA | 16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 289.65 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1334 | EA | 16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 309.81 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1335 | EA | 16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 331.69 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1336 | EA | 16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 351.85 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1337 | EA | 16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 372.03 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1338 | EA | 16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 392.20 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1339 | EA | 16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 414.08 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1340 | EA | 16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 434.24 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1341 | EA | 16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 454.40 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1342 | EA | 16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 476.29 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1343 | EA | 16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 496.45 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1344 | EA | 16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 516.61 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1345 | EA | 18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 276.31 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1346 | EA | 18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 298.96 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1347 | EA | 18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 321.55 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1348 | EA | 18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 344.20 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1349 | EA | 18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 368.50 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1350 | EA | 18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 391.12 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1351 | EA | 18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 413.74 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1352 | EA | 18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 436.36 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1353 | EA | 18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 460.68 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1354 | EA | 18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 483.32 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1355 | EA | 18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 505.97 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1356 | EA | 18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 530.28 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1357 | EA | 18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 552.93 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1358 | EA | 18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 575.53 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1359 | EA | 20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 305.65 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1360 | EA | 20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 330.83 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1361 | EA | 20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 355.93 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1362 | EA | 20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 381.10 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1363 | EA | 20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 407.92 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1364 | EA | 20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 433.05 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1365 | EA | 20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 458.20 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1366 | EA | 20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 483.32 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1367 | EA | 20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 510.22 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1368 | EA | 20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 535.32 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1369 | EA | 20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 560.45 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1370 | EA | 20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 587.31 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1371 | EA | 20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 612.44 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1372 | EA | 20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 637.59 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1373 | EA | 22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 333.31 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1374 | EA | 22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 360.99 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1375 | EA | 22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 388.62 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1376 | EA | 22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 416.25 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1377 | EA | 22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 445.65 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1378 | EA | 22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 473.28 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1379 | EA | 22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 500.93 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1380 | EA | 22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 528.56 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1381 | EA | 22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 557.96 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1382 | EA | 22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 585.59 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1383 | EA | 22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 613.25 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1384 | EA | 22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 642.60 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1385 | EA | 22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 670.23 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1386 | EA | 22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 697.91 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1387 | EA | 24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 360.99 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1388 | EA | 24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 391.12 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1389 | EA | 24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 421.28 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1390 | EA | 24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 451.44 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1391 | EA | 24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 483.32 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1392 | EA | 24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 513.48 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1393 | EA | 24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 543.69 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1394 | EA | 24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 573.81 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1395 | EA | 24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 605.69 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1396 | EA | 24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 635.87 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1397 | EA | 24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 666.03 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1398 | EA | 24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 697.91 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1399 | EA | 24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 728.07 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1400 | EA | 24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate | 758.23 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

08 71 11 00-1401 Stainless Base Material Kick Plate *(08 71 11 00-0763)*

08 71 11 00-1402 Satin Stainless Finish, Stainless Kick Plate *(08 71 11 00-1401)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1403 | EA | 8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 51.15 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1404 | EA | 8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 53.49 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1405 | EA | 8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 55.75 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1406 | EA | 8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 58.12 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1407 | EA | 8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 62.13 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1408 | EA | 8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 64.40 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1409 | EA | 8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 66.76 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1410 | EA | 8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 69.05 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1411 | EA | 8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 73.08 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1412 | EA | 8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 75.39 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1413 | EA | 8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 77.68 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1414 | EA | 8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 81.72 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1415 | EA | 8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 84.03 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1416 | EA | 8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 86.33 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1417 | EA | 10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 57.50 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1418 | EA | 10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 60.41 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1419 | EA | 10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 63.30 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1420 | EA | 10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 66.16 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1421 | EA | 10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 70.79 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1422 | EA | 10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 73.68 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1423 | EA | 10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 76.55 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1424 | EA | 10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 79.41 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1425 | EA | 10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 84.06 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1426 | EA | 10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 86.92 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1427 | EA | 10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 89.79 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1428 | EA | 10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 94.42 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1429 | EA | 10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 97.31 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1430 | EA | 10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 100.17 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1431 | EA | 12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 63.87 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1432 | EA | 12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 67.33 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1433 | EA | 12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 70.79 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1434 | EA | 12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 74.25 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1435 | EA | 12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 79.41 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1436 | EA | 12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 82.90 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1437 | EA | 12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 86.34 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1438 | EA | 12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 89.82 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1439 | EA | 12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 94.97 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1440 | EA | 12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 98.45 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1441 | EA | 12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 101.94 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1442 | EA | 12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 107.10 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1443 | EA | 12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 110.58 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1444 | EA | 12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 114.02 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1445 | EA | 14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 71.94 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1446 | EA | 14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 75.97 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1447 | EA | 14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 80.03 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1448 | EA | 14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 84.07 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1449 | EA | 14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 89.79 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1450 | EA | 14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 93.85 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1451 | EA | 14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 97.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1452 | EA | 14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 101.94 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1453 | EA | 14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 107.72 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1454 | EA | 14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 111.70 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1455 | EA | 14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 115.76 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1456 | EA | 14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 121.54 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1457 | EA | 14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 125.57 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1458 | EA | 14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 129.63 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1459 | EA | 16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 81.61 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1460 | EA | 16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 86.77 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1461 | EA | 16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 91.72 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1462 | EA | 16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 96.65 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1463 | EA | 16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 103.29 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1464 | EA | 16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 108.24 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1465 | EA | 16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 113.19 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1466 | EA | 16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 118.12 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1467 | EA | 16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 124.77 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1468 | EA | 16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 129.75 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1469 | EA | 16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 134.70 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1470 | EA | 16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 141.76 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1471 | EA | 16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 146.27 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1472 | EA | 16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 151.23 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1473 | EA | 18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 87.25 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1474 | EA | 18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 92.71 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1475 | EA | 18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 98.12 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1476 | EA | 18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 103.55 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1477 | EA | 18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 110.72 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1478 | EA | 18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 116.13 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1479 | EA | 18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 121.56 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1480 | EA | 18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 126.97 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1481 | EA | 18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 134.15 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1482 | EA | 18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 139.58 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1483 | EA | 18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 144.99 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1484 | EA | 18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 152.17 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1485 | EA | 18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 157.62 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1486 | EA | 18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 163.03 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1487 | EA | 20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 95.61 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1488 | EA | 20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 101.64 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1489 | EA | 20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 107.69 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1490 | EA | 20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 113.70 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1491 | EA | 20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 121.47 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1492 | EA | 20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 127.52 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1493 | EA | 20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 133.53 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1494 | EA | 20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 139.58 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1495 | EA | 20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 147.33 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1496 | EA | 20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 153.38 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1497 | EA | 20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 159.43 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1498 | EA | 20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 167.16 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1499 | EA | 20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 173.21 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1500 | EA | 20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 179.24 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1501 | EA | 22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 102.24 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1502 | EA | 22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 108.91 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1503 | EA | 22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 115.51 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1504 | EA | 22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 122.18 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1505 | EA | 22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 130.50 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1506 | EA | 22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 137.17 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1507 | EA | 22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 143.80 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1508 | EA | 22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 150.45 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1509 | EA | 22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 158.79 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1510 | EA | 22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 165.44 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1511 | EA | 22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 172.11 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1512 | EA | 22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 180.43 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1513 | EA | 22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 187.10 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1514 | EA | 22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 193.70 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1515 | EA | 24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 108.91 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1516 | EA | 24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 116.13 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1517 | EA | 24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 123.39 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1518 | EA | 24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 130.62 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1519 | EA | 24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 139.58 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1520 | EA | 24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 146.82 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1521 | EA | 24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 154.07 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1522 | EA | 24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 161.31 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1523 | EA | 24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 170.28 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1524 | EA | 24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 177.52 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1525 | EA | 24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 184.76 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1526 | EA | 24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 193.70 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1527 | EA | 24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 200.97 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1528 | EA | 24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate | 208.24 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

### 08 71 11 00-1529 Bright Stainless Finish, Stainless Kick Plate *(08 71 11 00-1401)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1530 | EA | 8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 85.55 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1531 | EA | 8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 91.00 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1532 | EA | 8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 96.42 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1533 | EA | 8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 101.85 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1534 | EA | 8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 108.99 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1535 | EA | 8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 114.45 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1536 | EA | 8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 119.86 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1537 | EA | 8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 125.32 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1538 | EA | 8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 132.42 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1539 | EA | 8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 137.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1540 | EA | 8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 143.34 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1541 | EA | 8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 150.47 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1542 | EA | 8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 155.91 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1543 | EA | 8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 161.32 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1544 | EA | 10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 100.49 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1545 | EA | 10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 107.27 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1546 | EA | 10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 114.09 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1547 | EA | 10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 120.88 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1548 | EA | 10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 129.37 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1549 | EA | 10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 136.17 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1550 | EA | 10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 142.99 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1551 | EA | 10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 149.78 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1552 | EA | 10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 158.26 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1553 | EA | 10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 165.06 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1554 | EA | 10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 171.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1555 | EA | 10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 180.35 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1556 | EA | 10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 187.16 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1557 | EA | 10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 193.96 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1558 | EA | 12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 115.42 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1559 | EA | 12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 123.60 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1560 | EA | 12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 131.75 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1561 | EA | 12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 139.91 | 6.44 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1562 | EA | 12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 149.78 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1563 | EA | 12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 157.89 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1564 | EA | 12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 166.07 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1565 | EA | 12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 174.22 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1566 | EA | 12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 184.09 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1567 | EA | 12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 192.24 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1568 | EA | 12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 200.37 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1569 | EA | 12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 210.27 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1570 | EA | 12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 218.40 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1571 | EA | 12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 226.55 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1572 | EA | 14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 132.11 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1573 | EA | 14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 141.63 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1574 | EA | 14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 151.14 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1575 | EA | 14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 160.65 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1576 | EA | 14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 171.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1577 | EA | 14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 181.37 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1578 | EA | 14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 190.88 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1579 | EA | 14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 200.37 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1580 | EA | 14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 211.63 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1581 | EA | 14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 221.14 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1582 | EA | 14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 230.65 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1583 | EA | 14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 241.89 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1584 | EA | 14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 251.35 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1585 | EA | 14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 260.87 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1586 | EA | 16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 147.04 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1587 | EA | 16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 157.89 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1588 | EA | 16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 168.81 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1589 | EA | 16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 179.66 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1590 | EA | 16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 192.24 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1591 | EA | 16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 203.11 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1592 | EA | 16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 213.96 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1593 | EA | 16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 224.83 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1594 | EA | 16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 237.43 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1595 | EA | 16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 248.28 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1596 | EA | 16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 259.15 | 7.73 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1597 | EA | 16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 271.74 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1598 | EA | 16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 282.64 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1599 | EA | 16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 293.51 | 8.16 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1600 | EA | 18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 163.58 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1601 | EA | 18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 176.00 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1602 | EA | 18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 188.33 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1603 | EA | 18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 200.75 | 6.87 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1604 | EA | 18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 214.83 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1605 | EA | 18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 227.15 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1606 | EA | 18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 239.57 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1607 | EA | 18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 258.97 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1608 | EA | 18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 266.04 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1609 | EA | 18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 278.41 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1610 | EA | 18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 290.78 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1611 | EA | 18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 304.87 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1612 | EA | 18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 317.25 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1613 | EA | 18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 329.62 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1614 | EA | 20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 180.45 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1615 | EA | 20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 194.18 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1616 | EA | 20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 207.94 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1617 | EA | 20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 221.67 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1618 | EA | 20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 237.14 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1619 | EA | 20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 250.92 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1620 | EA | 20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 264.63 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1621 | EA | 20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 278.41 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1622 | EA | 20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 293.84 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1623 | EA | 20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 307.61 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1624 | EA | 20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 321.37 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1625 | EA | 20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 336.82 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1626 | EA | 20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 350.57 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1627 | EA | 20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 364.31 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1628 | EA | 22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 195.57 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1629 | EA | 22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 210.68 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1630 | EA | 22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 225.79 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1631 | EA | 22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 240.91 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1632 | EA | 22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 257.77 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1633 | EA | 22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 272.90 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1634 | EA | 22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 288.04 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1635 | EA | 22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 303.15 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1636 | EA | 22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 319.99 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1637 | EA | 22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 335.10 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1638 | EA | 22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 350.21 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1639 | EA | 22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 367.05 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1640 | EA | 22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 382.21 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1641 | EA | 22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 397.32 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1642 | EA | 24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 210.68 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1643 | EA | 24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 227.15 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1644 | EA | 24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 243.67 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1645 | EA | 24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 260.17 | 7.31 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1646 | EA | 24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 278.41 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1647 | EA | 24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 294.88 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1648 | EA | 24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 311.38 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1649 | EA | 24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 327.90 | 7.73 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1650 | EA | 24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 346.11 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1651 | EA | 24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 362.59 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1652 | EA | 24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 379.11 | 8.16 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1653 | EA | 24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 397.32 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1654 | EA | 24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 413.84 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1655 | EA | 24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate | 430.31 | 8.59 |
| | | *For Four Beveled Edges, Add* | *6.30* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

## 08 71 11 00-1656 Plastic Kick Plate *(08 71 11 00-0763)*

## 08 71 11 00-1657 Clear Or Black Finish, Plastic Kick Plate *(08 71 11 00-1656)*

Note: With four beveled edges.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1658 | EA | 8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 44.61 | 6.44 |
| 08 71 11 00-1659 | EA | 8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 46.29 | 6.44 |
| 08 71 11 00-1660 | EA | 8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 48.04 | 6.44 |
| 08 71 11 00-1661 | EA | 8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 49.75 | 6.44 |
| 08 71 11 00-1662 | EA | 8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 53.19 | 6.87 |
| 08 71 11 00-1663 | EA | 8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 54.90 | 6.87 |
| 08 71 11 00-1664 | EA | 8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 56.58 | 6.87 |
| 08 71 11 00-1665 | EA | 8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 58.33 | 6.87 |
| 08 71 11 00-1666 | EA | 8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 63.82 | 7.31 |
| 08 71 11 00-1667 | EA | 8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 63.43 | 7.31 |
| 08 71 11 00-1668 | EA | 8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 65.18 | 7.31 |
| 08 71 11 00-1669 | EA | 8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 68.60 | 7.73 |
| 08 71 11 00-1670 | EA | 8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 70.33 | 7.73 |
| 08 71 11 00-1671 | EA | 8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 72.03 | 7.73 |
| 08 71 11 00-1672 | EA | 10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 49.31 | 6.44 |
| 08 71 11 00-1673 | EA | 10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 51.47 | 6.44 |
| 08 71 11 00-1674 | EA | 10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 53.59 | 6.44 |
| 08 71 11 00-1675 | EA | 10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 55.72 | 6.44 |
| 08 71 11 00-1676 | EA | 10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 59.60 | 6.87 |
| 08 71 11 00-1677 | EA | 10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 61.72 | 6.87 |
| 08 71 11 00-1678 | EA | 10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 63.88 | 6.87 |
| 08 71 11 00-1679 | EA | 10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 66.00 | 6.87 |
| 08 71 11 00-1680 | EA | 10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 69.88 | 7.31 |
| 08 71 11 00-1681 | EA | 10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 72.00 | 7.31 |
| 08 71 11 00-1682 | EA | 10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 74.16 | 7.31 |
| 08 71 11 00-1683 | EA | 10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 78.00 | 7.73 |
| 08 71 11 00-1684 | EA | 10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 80.16 | 7.73 |
| 08 71 11 00-1685 | EA | 10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 82.28 | 7.73 |
| 08 71 11 00-1686 | EA | 12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 54.03 | 6.44 |
| 08 71 11 00-1687 | EA | 12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 56.61 | 6.44 |
| 08 71 11 00-1688 | EA | 12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 59.15 | 6.44 |
| 08 71 11 00-1689 | EA | 12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 61.75 | 6.44 |
| 08 71 11 00-1690 | EA | 12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 66.00 | 6.87 |
| 08 71 11 00-1691 | EA | 12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 68.60 | 6.87 |
| 08 71 11 00-1692 | EA | 12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 71.18 | 6.87 |
| 08 71 11 00-1693 | EA | 12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 73.74 | 6.87 |
| 08 71 11 00-1694 | EA | 12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 77.99 | 7.31 |
| 08 71 11 00-1695 | EA | 12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 80.56 | 7.31 |
| 08 71 11 00-1696 | EA | 12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 83.16 | 7.31 |
| 08 71 11 00-1697 | EA | 12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 87.42 | 7.73 |
| 08 71 11 00-1698 | EA | 12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 90.02 | 7.73 |
| 08 71 11 00-1699 | EA | 12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 92.56 | 7.73 |
| 08 71 11 00-1700 | EA | 14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 60.45 | 6.87 |
| 08 71 11 00-1701 | EA | 14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 63.47 | 6.87 |
| 08 71 11 00-1702 | EA | 14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 66.44 | 6.87 |
| 08 71 11 00-1703 | EA | 14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 69.45 | 6.87 |
| 08 71 11 00-1704 | EA | 14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 74.16 | 7.31 |
| 08 71 11 00-1705 | EA | 14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 77.13 | 7.31 |
| 08 71 11 00-1706 | EA | 14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 80.15 | 7.31 |
| 08 71 11 00-1707 | EA | 14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 83.16 | 7.31 |
| 08 71 11 00-1708 | EA | 14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 87.86 | 7.73 |
| 08 71 11 00-1709 | EA | 14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 90.87 | 7.73 |
| 08 71 11 00-1710 | EA | 14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 93.87 | 7.73 |
| 08 71 11 00-1711 | EA | 14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 98.56 | 8.16 |
| 08 71 11 00-1712 | EA | 14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 101.58 | 8.16 |
| 08 71 11 00-1713 | EA | 14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 104.55 | 8.16 |
| 08 71 11 00-1714 | EA | 16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 70.81 | 6.87 |
| 08 71 11 00-1715 | EA | 16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 74.76 | 6.87 |
| 08 71 11 00-1716 | EA | 16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 78.65 | 6.87 |
| 08 71 11 00-1717 | EA | 16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 82.60 | 6.87 |
| 08 71 11 00-1718 | EA | 16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 88.26 | 7.31 |
| 08 71 11 00-1719 | EA | 16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 92.19 | 7.31 |
| 08 71 11 00-1720 | EA | 16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 96.14 | 7.31 |
| 08 71 11 00-1721 | EA | 16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 100.05 | 7.31 |
| 08 71 11 00-1722 | EA | 16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 105.72 | 7.73 |
| 08 71 11 00-1723 | EA | 16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 109.65 | 7.73 |
| 08 71 11 00-1724 | EA | 16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 113.60 | 7.73 |
| 08 71 11 00-1725 | EA | 16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 119.27 | 8.16 |
| 08 71 11 00-1726 | EA | 16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 123.16 | 8.16 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1727 | EA | 16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 127.11 | 8.16 |
| 08 71 11 00-1728 | EA | 18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 76.19 | 6.87 |
| 08 71 11 00-1729 | EA | 18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 80.64 | 6.87 |
| 08 71 11 00-1730 | EA | 18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 85.05 | 6.87 |
| 08 71 11 00-1731 | EA | 18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 89.50 | 6.87 |
| 08 71 11 00-1732 | EA | 18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 193.94 | 7.31 |
| 08 71 11 00-1733 | EA | 18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 100.05 | 7.31 |
| 08 71 11 00-1734 | EA | 18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 104.50 | 7.31 |
| 08 71 11 00-1735 | EA | 18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 108.91 | 7.31 |
| 08 71 11 00-1736 | EA | 18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 115.08 | 7.73 |
| 08 71 11 00-1737 | EA | 18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 119.51 | 7.73 |
| 08 71 11 00-1738 | EA | 18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 123.92 | 7.73 |
| 08 71 11 00-1739 | EA | 18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 130.09 | 8.16 |
| 08 71 11 00-1740 | EA | 18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 134.50 | 8.16 |
| 08 71 11 00-1741 | EA | 18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 138.95 | 8.16 |
| 08 71 11 00-1742 | EA | 20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 83.33 | 7.31 |
| 08 71 11 00-1743 | EA | 20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 88.26 | 7.31 |
| 08 71 11 00-1744 | EA | 20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 93.17 | 7.31 |
| 08 71 11 00-1745 | EA | 20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 98.09 | 7.31 |
| 08 71 11 00-1746 | EA | 20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 104.74 | 7.73 |
| 08 71 11 00-1747 | EA | 20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 109.65 | 7.73 |
| 08 71 11 00-1748 | EA | 20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 114.58 | 7.73 |
| 08 71 11 00-1749 | EA | 20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 119.51 | 7.73 |
| 08 71 11 00-1750 | EA | 20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 126.14 | 8.16 |
| 08 71 11 00-1751 | EA | 20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 131.06 | 8.16 |
| 08 71 11 00-1752 | EA | 20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 135.97 | 8.16 |
| 08 71 11 00-1753 | EA | 20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 142.62 | 8.59 |
| 08 71 11 00-1754 | EA | 20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 147.55 | 8.59 |
| 08 71 11 00-1755 | EA | 20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 152.46 | 8.59 |
| 08 71 11 00-1756 | EA | 22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 88.76 | 7.31 |
| 08 71 11 00-1757 | EA | 22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 94.14 | 7.31 |
| 08 71 11 00-1758 | EA | 22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 99.57 | 7.31 |
| 08 71 11 00-1759 | EA | 22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 104.96 | 7.31 |
| 08 71 11 00-1760 | EA | 22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 112.13 | 7.73 |
| 08 71 11 00-1761 | EA | 22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 117.55 | 7.73 |
| 08 71 11 00-1762 | EA | 22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 122.94 | 7.73 |
| 08 71 11 00-1763 | EA | 22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 128.37 | 7.73 |
| 08 71 11 00-1764 | EA | 22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 135.47 | 8.16 |
| 08 71 11 00-1765 | EA | 22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 140.90 | 8.16 |
| 08 71 11 00-1766 | EA | 22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 146.33 | 8.16 |
| 08 71 11 00-1767 | EA | 22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 153.43 | 8.59 |
| 08 71 11 00-1768 | EA | 22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 158.86 | 8.59 |
| 08 71 11 00-1769 | EA | 22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 164.25 | 8.59 |
| 08 71 11 00-1770 | EA | 24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 94.14 | 7.31 |
| 08 71 11 00-1771 | EA | 24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 100.05 | 7.31 |
| 08 71 11 00-1772 | EA | 24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 105.98 | 7.31 |
| 08 71 11 00-1773 | EA | 24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 111.88 | 7.31 |
| 08 71 11 00-1774 | EA | 24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 119.51 | 7.73 |
| 08 71 11 00-1775 | EA | 24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 125.39 | 7.73 |
| 08 71 11 00-1776 | EA | 24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 131.30 | 7.73 |
| 08 71 11 00-1777 | EA | 24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 137.23 | 7.73 |
| 08 71 11 00-1778 | EA | 24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 144.85 | 8.16 |
| 08 71 11 00-1779 | EA | 24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 150.74 | 8.16 |
| 08 71 11 00-1780 | EA | 24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 156.64 | 8.16 |
| 08 71 11 00-1781 | EA | 24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 164.25 | 8.59 |
| 08 71 11 00-1782 | EA | 24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 170.19 | 8.59 |
| 08 71 11 00-1783 | EA | 24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate | 176.10 | 8.59 |

08 71 11 00-1784 Mop Plate *(08 71 11 00-0762)*
Note: Ives 8400.

08 71 11 00-1785 Aluminum Base Material Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1786 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 11 00-1785)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1787 | EA | 4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 38.27 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1788 | EA | 4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 39.50 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1789 | EA | 4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 40.68 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1790 | EA | 4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 41.91 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1791 | EA | 4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 44.16 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1792 | EA | 4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 45.34 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1793 | EA | 4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 46.57 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1794 | EA | 4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 47.75 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1795 | EA | 4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 50.45 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1796 | EA | 4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 51.65 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1797 | EA | 4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 52.85 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1798 | EA | 4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 55.77 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1799 | EA | 4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 56.99 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1800 | EA | 4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 58.17 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1801 | EA | 6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 44.91 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1802 | EA | 6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 46.72 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1803 | EA | 6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 48.55 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1804 | EA | 6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 50.35 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1805 | EA | 6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 53.21 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1806 | EA | 6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 54.99 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1807 | EA | 6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 56.84 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1808 | EA | 6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 58.63 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1809 | EA | 6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 61.92 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1810 | EA | 6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 63.73 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1811 | EA | 6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 65.56 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1812 | EA | 6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 69.07 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1813 | EA | 6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 70.90 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1814 | EA | 6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate | 72.68 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

08 71 11 00-1815 Brass Base Material Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1816 Bright/Satin Brass Finish, Brass Mop Plate *(08 71 11 00-1815)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1817 | EA | 4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 64.01 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1818 | EA | 4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 67.59 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1819 | EA | 4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 71.13 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1820 | EA | 4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 74.69 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1821 | EA | 4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 79.26 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1822 | EA | 4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 82.80 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1823 | EA | 4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 86.36 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1824 | EA | 4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 89.90 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1825 | EA | 4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 94.93 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1826 | EA | 4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 98.47 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1827 | EA | 4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 102.01 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1828 | EA | 4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 107.28 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1829 | EA | 4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 110.82 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1830 | EA | 4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 114.40 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1831 | EA | 6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 83.56 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1832 | EA | 6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 88.87 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1833 | EA | 6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 94.20 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1834 | EA | 6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 99.51 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1835 | EA | 6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 105.87 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1836 | EA | 6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 111.22 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1837 | EA | 6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 116.51 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1838 | EA | 6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 121.86 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1839 | EA | 6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 128.61 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1840 | EA | 6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 133.97 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1841 | EA | 6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 139.30 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1842 | EA | 6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 146.32 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1843 | EA | 6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 151.65 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1844 | EA | 6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate | 156.96 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

### 08 71 11 00-1845 Bright/Satin Chrome Finish, Stainless Mop Plate *(08 71 11 00-1815)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1846 | EA | 4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 67.90 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1847 | EA | 4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 71.79 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1848 | EA | 4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 75.69 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1849 | EA | 4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 79.60 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1850 | EA | 4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 84.51 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1851 | EA | 4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 88.41 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1852 | EA | 4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 92.32 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1853 | EA | 4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 96.20 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1854 | EA | 4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 101.58 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1855 | EA | 4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 105.51 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1856 | EA | 4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 109.41 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1857 | EA | 4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 115.03 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1858 | EA | 4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 118.91 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1859 | EA | 4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 122.81 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1860 | EA | 6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 89.35 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1861 | EA | 6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 95.17 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1862 | EA | 6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 101.04 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1863 | EA | 6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 106.91 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1864 | EA | 6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 113.76 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1865 | EA | 6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 119.63 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1866 | EA | 6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 125.46 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1867 | EA | 6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 131.33 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1868 | EA | 6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 138.67 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1869 | EA | 6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 144.49 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1870 | EA | 6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 150.36 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1871 | EA | 6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 157.89 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1872 | EA | 6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 163.76 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1873 | EA | 6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate | 169.61 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

### 08 71 11 00-1874 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 11 00-1815)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1875 | EA | 4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 68.60 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1876 | EA | 4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 72.56 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1877 | EA | 4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 76.53 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1878 | EA | 4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 80.48 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1879 | EA | 4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 85.49 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1880 | EA | 4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 89.46 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1881 | EA | 4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 93.44 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1882 | EA | 4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 97.41 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1883 | EA | 4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 102.81 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1884 | EA | 4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 106.79 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1885 | EA | 4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 110.76 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1886 | EA | 4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 116.45 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1887 | EA | 4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 120.42 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1888 | EA | 4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 124.35 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1889 | EA | 6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 90.40 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1890 | EA | 6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 96.38 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1891 | EA | 6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 102.32 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1892 | EA | 6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 119.84 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1893 | EA | 6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 115.23 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1894 | EA | 6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 121.17 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1895 | EA | 6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 127.11 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1896 | EA | 6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 133.05 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1897 | EA | 6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 140.51 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1898 | EA | 6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 146.45 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1899 | EA | 6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 152.39 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1900 | EA | 6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 160.04 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1901 | EA | 6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 165.98 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1902 | EA | 6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate | 171.92 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

### 08 71 11 00-1903 Satin Nickel Finish, Stainless Mop Plate *(08 71 11 00-1815)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1904 | EA | 4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 69.41 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1905 | EA | 4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 73.41 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1906 | EA | 4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 77.47 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1907 | EA | 4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 81.51 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1908 | EA | 4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 86.59 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1909 | EA | 4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 90.61 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1910 | EA | 4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 94.65 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1911 | EA | 4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 98.69 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1912 | EA | 4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 104.23 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1913 | EA | 4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 108.25 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1914 | EA | 4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 112.27 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1915 | EA | 4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 118.04 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1916 | EA | 4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 122.08 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1917 | EA | 4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 126.08 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1918 | EA | 6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 91.61 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1919 | EA | 6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 97.66 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1920 | EA | 6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 103.71 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1921 | EA | 6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 109.77 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1922 | EA | 6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 116.85 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1923 | EA | 6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 122.90 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1924 | EA | 6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 128.95 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1925 | EA | 6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 135.03 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1926 | EA | 6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 142.55 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1927 | EA | 6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 148.62 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1928 | EA | 6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 154.68 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1929 | EA | 6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 162.44 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1930 | EA | 6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 168.49 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1931 | EA | 6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate | 174.57 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

08 71 11 00-1932 Stainless Base Material Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1933 Satin Stainless Finish, Stainless Mop Plate *(08 71 11 00-1932)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1934 | EA | 4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 39.44 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1935 | EA | 4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 40.72 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1936 | EA | 4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 42.04 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1937 | EA | 4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 43.34 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1938 | EA | 4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 45.70 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1939 | EA | 4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 47.02 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1940 | EA | 4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 48.30 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1941 | EA | 4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 49.62 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1942 | EA | 4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 52.39 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1943 | EA | 4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 53.72 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1944 | EA | 4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 55.04 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1945 | EA | 4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 58.03 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1946 | EA | 4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 59.36 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1947 | EA | 4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 60.66 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1948 | EA | 6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 46.61 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1949 | EA | 6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 48.59 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1950 | EA | 6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 50.56 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1951 | EA | 6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 52.54 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1952 | EA | 6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 55.51 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1953 | EA | 6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 57.48 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1954 | EA | 6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 59.46 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1955 | EA | 6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 61.43 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1956 | EA | 6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 64.88 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1957 | EA | 6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 66.82 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1958 | EA | 6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 68.78 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1959 | EA | 6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 72.48 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1960 | EA | 6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 74.42 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1961 | EA | 6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate | 76.41 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

### 08 71 11 00-1962 Bright Stainless Finish, Stainless Mop Plate *(08 71 11 00-1932)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1963 | EA | 4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 56.62 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1964 | EA | 4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 59.52 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1965 | EA | 4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 62.41 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1966 | EA | 4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 65.25 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1967 | EA | 4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 69.18 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1968 | EA | 4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 72.05 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1969 | EA | 4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 74.94 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1970 | EA | 4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 77.83 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1971 | EA | 4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 82.15 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1972 | EA | 4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 85.04 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1973 | EA | 4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 87.93 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1974 | EA | 4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 92.51 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1975 | EA | 4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 95.40 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1976 | EA | 4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 98.25 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1977 | EA | 6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 72.44 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1978 | EA | 6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 76.80 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1979 | EA | 6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 81.12 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1980 | EA | 6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 85.43 | 6.27 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1981 | EA | 6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 90.76 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1982 | EA | 6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 95.07 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1983 | EA | 6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 99.39 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1984 | EA | 6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 103.70 | 6.53 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1985 | EA | 6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 109.51 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1986 | EA | 6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 113.83 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1987 | EA | 6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 118.14 | 6.87 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1988 | EA | 6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 124.17 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1989 | EA | 6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 128.46 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |
| 08 71 11 00-1990 | EA | 6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate | 132.78 | 7.31 |
| | | *For Four Beveled Edges, Add* | *1.76* | |
| | | *For UL Label (Fire Rated), Add* | *11.40* | |

08 71 11 00-1991 Plastic Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1992 Clear Or Black Finish, Plastic Mop Plate *(08 71 11 00-1991)*
Note: With four beveled edges.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-1993 | EA | 4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 37.61 | 6.27 |
| 08 71 11 00-1994 | EA | 4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 38.76 | 6.27 |
| 08 71 11 00-1995 | EA | 4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 39.92 | 6.27 |
| 08 71 11 00-1996 | EA | 4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 41.07 | 6.27 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-1997 | EA | 4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 43.24 | 6.53 |
| 08 71 11 00-1998 | EA | 4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 44.38 | 6.53 |
| 08 71 11 00-1999 | EA | 4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 45.53 | 6.53 |
| 08 71 11 00-2000 | EA | 4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 46.69 | 6.53 |
| 08 71 11 00-2001 | EA | 4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 49.31 | 6.87 |
| 08 71 11 00-2002 | EA | 4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 50.45 | 6.87 |
| 08 71 11 00-2003 | EA | 4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 51.59 | 6.87 |
| 08 71 11 00-2004 | EA | 4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 54.45 | 7.31 |
| 08 71 11 00-2005 | EA | 4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 55.61 | 7.31 |
| 08 71 11 00-2006 | EA | 4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 56.76 | 7.31 |
| 08 71 11 00-2007 | EA | 6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 43.92 | 6.27 |
| 08 71 11 00-2008 | EA | 6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 45.66 | 6.27 |
| 08 71 11 00-2009 | EA | 6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 47.38 | 6.27 |
| 08 71 11 00-2010 | EA | 6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 49.09 | 6.27 |
| 08 71 11 00-2011 | EA | 6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 51.86 | 6.53 |
| 08 71 11 00-2012 | EA | 6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 53.58 | 6.53 |
| 08 71 11 00-2013 | EA | 6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 55.29 | 6.53 |
| 08 71 11 00-2014 | EA | 6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 57.01 | 6.53 |
| 08 71 11 00-2015 | EA | 6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 60.22 | 6.87 |
| 08 71 11 00-2016 | EA | 6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 61.93 | 6.87 |
| 08 71 11 00-2017 | EA | 6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 63.65 | 6.87 |
| 08 71 11 00-2018 | EA | 6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 67.09 | 7.31 |
| 08 71 11 00-2019 | EA | 6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 68.81 | 7.31 |
| 08 71 11 00-2020 | EA | 6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate<br>Note: 4 sides beveled. | 70.52 | 7.31 |

## 08 71 11 00-2021 Armor Door Plate *(08 71 11 00-0762)*

Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2022 | SF | 4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate | 23.61 | 1.07 |
| 08 71 11 00-2023 | SF | >8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate | 22.66 | 0.84 |
| 08 71 11 00-2024 | SF | 4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate | 26.03 | 1.07 |
| 08 71 11 00-2025 | SF | >8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate | 25.08 | 0.84 |
| 08 71 11 00-2026 | SF | 4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate | 53.79 | 1.07 |
| 08 71 11 00-2027 | SF | >8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate | 52.84 | 0.84 |

## 08 71 11 00-2028 Pull Handle And Plates *(08 71 11 00-0762)*

## 08 71 11 00-2029 Pull Handle *(08 71 11 00-2028)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2030 | EA | 3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6) | 47.81 | 7.08 |
| | | *For Stainless Steel, Add* | *8.18* | |
| | | *For Brass, Add* | *11.10* | |
| 08 71 11 00-2031 | EA | 3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8) | 50.34 | 7.08 |
| | | *For Stainless Steel, Add* | *9.24* | |
| | | *For Brass, Add* | *12.54* | |
| 08 71 11 00-2032 | EA | 3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10) | 54.32 | 7.08 |
| | | *For Stainless Steel, Add* | *10.91* | |
| | | *For Brass, Add* | *14.81* | |
| 08 71 11 00-2033 | EA | 1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8) | 56.53 | 7.08 |
| | | *For Stainless Steel, Add* | *11.84* | |
| | | *For Brass, Add* | *16.07* | |
| 08 71 11 00-2034 | EA | 1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10) | 60.53 | 7.08 |
| | | *For Stainless Steel, Add* | *13.52* | |
| | | *For Brass, Add* | *18.35* | |
| 08 71 11 00-2035 | EA | 1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12) | 65.70 | 7.08 |
| | | *For Stainless Steel, Add* | *15.69* | |
| | | *For Brass, Add* | *21.30* | |
| 08 71 11 00-2036 | EA | 1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6) | 50.53 | 7.08 |
| | | *For Stainless Steel, Add* | *9.32* | |
| | | *For Brass, Add* | *12.65* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2037 | EA | 1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8) | 56.04 | 7.08 |
| | | *For Stainless Steel, Add* | *11.63* | |
| | | *For Brass, Add* | *15.79* | |
| 08 71 11 00-2038 | EA | 1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10) | 56.95 | 7.08 |
| | | *For Stainless Steel, Add* | *12.02* | |
| | | *For Brass, Add* | *16.31* | |
| 08 71 11 00-2039 | EA | 1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8) | 112.63 | 7.08 |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *15.93* | |
| | | *For Brass, Add* | *14.67* | |
| 08 71 11 00-2040 | EA | 1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0) | 116.04 | 7.08 |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *16.58* | |
| | | *For Brass, Add* | *15.26* | |
| 08 71 11 00-2041 | EA | 1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2) | 122.90 | 7.08 |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *17.87* | |
| | | *For Brass, Add* | *16.45* | |
| 08 71 11 00-2042 | EA | 1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18) | 162.61 | 7.08 |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *25.38* | |
| | | *For Brass, Add* | *23.36* | |
| 08 71 11 00-2043 | | Pull Plate *(08 71 11 00-2028)* | | |
| 08 71 11 00-2044 | EA | 3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302) | 76.97 | 5.37 |
| | | *For Stainless Steel, Add* | *32.75* | |
| | | *For Brass, Add* | *41.63* | |
| 08 71 11 00-2045 | EA | 4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302) | 78.90 | 5.37 |
| | | *For Stainless Steel, Add* | *33.88* | |
| | | *For Brass, Add* | *43.07* | |
| 08 71 11 00-2046 | EA | 6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302) | 83.30 | 5.37 |
| | | *For Stainless Steel, Add* | *36.48* | |
| | | *For Brass, Add* | *46.37* | |
| 08 71 11 00-2047 | | Push Bars And Plates *(08 71 11 00-0762)* | | |
| 08 71 11 00-2048 | | Push Bars *(08 71 11 00-2047)* | | |
| 08 71 11 00-2049 | EA | 3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate<br>Note: Up to 34" wide. All finishes. | 205.68 | 5.37 |
| 08 71 11 00-2050 | EA | 3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide | 209.41 | 5.37 |
| | | *For Brass Push Bar, Add* | *32.70* | |
| 08 71 11 00-2051 | EA | 1" Diameter Stainless Steel Push Bar, Up To 34" Wide | 217.29 | 5.37 |
| | | *For Brass Push Bar, Add* | *34.07* | |
| 08 71 11 00-2052 | EA | 1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide | 413.12 | 5.37 |
| | | *For Brass Push Bar, Add* | *68.15* | |
| 08 71 11 00-2053 | | Push Plates *(08 71 11 00-2047)* | | |
| 08 71 11 00-2054 | | Aluminum Push Plates *(08 71 11 00-2053)* | | |
| 08 71 11 00-2055 | | Clear Anodized Finish, Aluminum Push Plates *(08 71 11 00-2054)*<br>Note: Ives 8200 Series. | | |
| 08 71 11 00-2056 | EA | 3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware | 35.41 | 5.37 |
| 08 71 11 00-2057 | EA | 4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware | 35.41 | 5.37 |
| 08 71 11 00-2058 | EA | 6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware | 35.41 | 5.37 |
| 08 71 11 00-2059 | EA | 8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware | 38.94 | 5.37 |
| 08 71 11 00-2060 | | Stainless Steel Push Plates *(08 71 11 00-2053)* | | |
| 08 71 11 00-2061 | | Satin Finish, Stainless Steel Push Plates *(08 71 11 00-2060)*<br>Note: Ives 8200 Series. | | |
| 08 71 11 00-2062 | EA | 3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware | 35.41 | 5.37 |
| 08 71 11 00-2063 | EA | 4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware | 38.13 | 5.37 |
| 08 71 11 00-2064 | EA | 6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware | 44.32 | 5.37 |
| 08 71 11 00-2065 | EA | 8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware | 53.49 | 5.37 |
| 08 71 11 00-2066 | | Brass Push Plates *(08 71 11 00-2053)* | | |
| 08 71 11 00-2067 | | Bright/Satin Brass Finish, Brass Push Plates *(08 71 11 00-2066)*<br>Note: Ives 8200 Series. | | |
| 08 71 11 00-2068 | EA | 3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware | 43.70 | 5.37 |
| 08 71 11 00-2069 | EA | 4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware | 50.66 | 5.37 |
| 08 71 11 00-2070 | EA | 6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware | 67.43 | 5.37 |
| 08 71 11 00-2071 | EA | 8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware | 78.45 | 5.37 |
| 08 71 11 00-2072 | | Bright/Satin Chrome Finish, Brass Push Plates *(08 71 11 00-2066)*<br>Note: Ives 8200 Series. | | |
| 08 71 11 00-2073 | EA | 3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware | 49.27 | 5.37 |
| 08 71 11 00-2074 | EA | 4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware | 54.93 | 5.37 |
| 08 71 11 00-2075 | EA | 6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware | 70.29 | 5.37 |
| 08 71 11 00-2076 | EA | 8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware | 85.44 | 5.37 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 71 11 00-2077** | | **Satin/Dark Bronze Finish, Brass Push Plates** *(08 71 11 00-2066)* | | |
| | | Note: Ives 8200 Series. | | |
| 08 71 11 00-2078 | EA | 3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware | 49.27 | 5.37 |
| 08 71 11 00-2079 | EA | 4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware | 54.93 | 5.37 |
| 08 71 11 00-2080 | EA | 6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware | 73.00 | 5.37 |
| 08 71 11 00-2081 | EA | 8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware | 86.95 | 5.37 |
| **08 71 11 00-2082** | | **Satin Nickel Finish, Brass Push Plates** *(08 71 11 00-2066)* | | |
| | | Note: Ives 8200 Series. | | |
| 08 71 11 00-2083 | EA | 3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware | 49.27 | 5.37 |
| 08 71 11 00-2084 | EA | 4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware | 56.34 | 5.37 |
| 08 71 11 00-2085 | EA | 6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware | 77.29 | 5.37 |
| 08 71 11 00-2086 | EA | 8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware | 91.24 | 5.37 |
| **08 71 11 00-2087** | | **Exit Devices** *(08 71 11)* | | |
| **08 71 11 00-2088** | | **Push Bar Exit Device, Von Duprin Series 22** *(08 71 11 00-2087)* | | |
| | | Note: Grade 1, BHMA 156.3. | | |
| 08 71 11 00-2089 | EA | 3' Push Bar, Rim Type, Exit Device | 615.85 | 96.62 |
| | | Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| 08 71 11 00-2090 | EA | 3' Push Bar, Fire Rated, Rim Type, Exit Device | 686.72 | 96.62 |
| | | Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22-F. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| 08 71 11 00-2091 | EA | 3' Push Bar, Surface Vertical Rods, Exit Device | 896.79 | 115.95 |
| | | Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| 08 71 11 00-2092 | EA | 3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device | 1,073.31 | 107.36 |
| | | Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227-F. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| 08 71 11 00-2093 | EA | Dummy Trim (Von Duprin Series 22, 210DT) | 82.99 | 16.10 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2094 | EA | Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL) | 186.79 | 21.47 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2095 | EA | Knob Trim With Cylinder (Von Duprin Series 22, 210K) | 346.58 | 32.21 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2096 | EA | Lever Trim With Cylinder (Von Duprin Series 22, 230L) | 343.32 | 32.21 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2097 | EA | Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP) | 342.50 | 32.21 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2098 | EA | Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE) | 266.49 | 32.21 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2099 | EA | Exit Only Trim Plate (Von Duprin Series 22, 230EO) | 107.91 | 12.89 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2100 | EA | Dummy Trim (Von Duprin Series 22, 230DT) | 124.66 | 16.10 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2101 | EA | Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL) | 230.10 | 21.47 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2102 | EA | Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE) | 263.23 | 32.21 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| 08 71 11 00-2103 | EA | Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE) | 262.41 | 32.21 |
| | | Note: Anodized finish: aluminum or dark brown. | | |
| **08 71 11 00-2104** | | **Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35** *(08 71 11 00-2087)* | | |
| | | Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case. | | |
| 08 71 11 00-2105 | EA | 3' Push Bar, Rim Type, Narrow Stile Exit Device | 1,168.88 | 96.62 |
| | | Note: Aluminum anodized finish. Von Duprin Series 33/35. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *93.31* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *179.05* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *34.63* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *266.07* | |
| 08 71 11 00-2106 | EA | 3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device | 1,590.61 | 115.95 |
| | | Note: Aluminum anodized finish. Von Duprin Series 3327/3527. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *131.22* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *251.80* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *48.69* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *374.17* | |
| 08 71 11 00-2107 | EA | 3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device | 1,621.66 | 115.95 |
| | | Note: Aluminum anodized finish. Von Duprin Series 3327-F/3527-F. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *134.40* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *257.90* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *49.87* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *383.24* | |
| 08 71 11 00-2108 | EA | 3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device | 1,649.29 | 133.13 |
| | | Note: Aluminum anodized finish. Von Duprin Series 3347/3547. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *132.39* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *254.05* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *49.13* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *377.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2109 | EA | 3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device<br>Note: Aluminum anodized finish. Von Duprin Series 3347-F/3547-F. | 1,729.38 | 133.13 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *140.59* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *269.78* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *52.17* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *400.90* | |
| 08 71 11 00-2110 | EA | 3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device<br>Note: Aluminum anodized finish. Von Duprin Series 3348/3548. | 1,841.34 | 133.13 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *152.05* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *291.78* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *56.43* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *433.59* | |
| 08 71 11 00-2111 | EA | 3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device<br>Note: Aluminum anodized finish. Von Duprin Series 3348-F/3548-F. | 1,921.43 | 133.13 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *160.25* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *307.52* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *59.47* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *456.98* | |
| 08 71 11 00-2112 | EA | Dummy Trim (Von Duprin Series 33/35, DT)<br>Note: Anodized finish: aluminum or dark brown. | 261.95 | 16.10 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *43.04* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *8.32* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *63.95* | |
| 08 71 11 00-2113 | EA | Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP)<br>Note: Anodized finish: aluminum or dark brown. | 329.80 | 21.47 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *52.99* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *10.25* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *78.75* | |
| 08 71 11 00-2114 | EA | Night Latch With Cylinder (Von Duprin Series 33/35, NL)<br>Note: Anodized finish: aluminum or dark brown. | 526.75 | 21.47 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *91.69* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *17.73* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *136.26* | |
| 08 71 11 00-2115 | EA | Lever Trim With Cylinder (Von Duprin Series 33/35, 360L)<br>Note: Anodized finish: aluminum or dark brown. | 659.59 | 32.21 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *112.73* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *21.80* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *167.52* | |
| 08 71 11 00-2116 | EA | Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE)<br>Note: Anodized finish: aluminum or dark brown. | 633.43 | 32.21 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *107.59* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *20.81* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *159.88* | |
| 08 71 11 00-2117 | EA | Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT)<br>Note: Anodized finish: aluminum or dark brown. | 621.17 | 32.21 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *105.18* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *20.34* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *156.30* | |
| 08 71 11 00-2118 | EA | Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T)<br>Note: Anodized finish: aluminum or dark brown. | 626.89 | 32.21 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *106.31* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *20.56* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *157.97* | |
| 08 71 11 00-2119 | | **Push Bar Exit Device, Von Duprin Series 98/99** *(08 71 11 00-2087)*<br>Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case. | | |
| 08 71 11 00-2120 | EA | 3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99)<br>Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | 1,033.22 | 96.62 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *47.31* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *75.23* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *120.21* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *245.85* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *77.56* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *114.01* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2121 | EA | 3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F)<br>Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | 1,168.88 | 96.62 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *55.58* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *88.39* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *141.24* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *288.85* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *91.12* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *133.95* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2122 | EA | 3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99) | 1,123.93 | 96.62 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *52.84* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *84.03* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *134.27* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *274.60* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *86.63* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *127.34* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2123 | EA | 3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F) | 1,256.32 | 96.62 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *60.92* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *96.87* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *154.79* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *316.57* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *99.87* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *146.80* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2124 | EA | 3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927) | 1,467.21 | 115.95 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *70.64* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *112.33* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *179.49* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *367.09* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *115.80* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *170.23* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2125 | EA | 3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F) | 1,651.09 | 115.95 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *81.86* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *130.16* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *207.99* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *425.38* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *134.19* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *197.26* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2126 | EA | 3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947) | 1,544.69 | 133.13 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *110.51* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *115.26* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *184.18* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *376.68* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *118.83* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *174.67* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2127 | EA | 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F) | 1,732.65 | 133.13 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *127.99* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *133.49* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *213.31* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *436.26* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *137.62* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *202.30* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2128 | EA | 3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948) | 1,736.74 | 133.13 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *128.37* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *133.89* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *213.95* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *437.56* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *138.03* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *202.90* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2129 | EA | 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F) | 1,924.70 | 133.13 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *145.85* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *152.12* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *243.08* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *497.14* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *156.83* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *230.53* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2130 | EA | 3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC) | 1,681.16 | 133.13 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *123.20* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *128.50* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *205.33* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *419.94* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *132.47* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *194.73* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2131 | EA | 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F) | 1,892.83 | 133.13 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *142.88* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *149.03* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *238.14* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *487.04* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *153.64* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *225.85* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2132 | EA | 3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957) | 1,825.16 | 115.95 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *92.47* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *147.05* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *234.97* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *480.56* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *151.60* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *222.85* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2133 | EA | 3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F) | 1,946.93 | 115.95 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *99.90* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *158.86* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *253.85* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *519.16* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *163.77* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *240.75* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2134 | EA | 3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975)<br>Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | 1,455.58 | 120.25 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *41.94* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *109.95* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *175.69* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *359.32* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *113.35* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *166.62* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2135 | EA | 3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F)<br>Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | 1,593.68 | 120.25 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *47.05* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *123.35* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *197.10* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *403.10* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *127.16* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *186.93* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2136 | EA | 3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949)<br>Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | 1,602.71 | 133.13 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *115.90* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *120.89* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *193.17* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *395.07* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *124.63* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *183.20* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2137 | EA | 3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device(Von Duprin Series 9849-F/9949-F)<br>Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | 1,740.00 | 133.13 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *128.67* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *134.21* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *214.45* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *438.59* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *138.36* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *203.38* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2138 | EA | 3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC)<br>Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | 1,744.90 | 133.13 |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *129.13* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *134.68* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *215.21* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *440.14* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *138.85* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *204.10* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2139 | EA | 3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F) | 1,990.07 | 133.13 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *151.93* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *158.46* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *253.21* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *517.86* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *163.36* | |
| | | *For Satin Stainless Steel, US32D (BHMA 630) Finish, Add* | *240.14* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Cylinder Dogging Indicator (CI), Add* | *144.05* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2140 | EA | 3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99) | 2,264.40 | 111.66 |
| | | Note: Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *304.39* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *622.52* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *196.38* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *73.05* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *82.09* | |
| | | *For Center Case Dogging (CD-CX), Add* | *233.64* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2141 | EA | 3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F) | 2,400.06 | 111.66 |
| | | Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *325.41* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *665.53* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *209.95* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *78.10* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *87.76* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2142 | EA | 3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975) | 2,695.35 | 137.42 |
| | | Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *359.87* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *735.99* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *232.17* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *86.37* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *97.05* | |
| | | *For Center Case Dogging (CD-CX), Add* | *233.64* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2143 | EA | 3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F) | 2,833.46 | 137.42 |
| | | Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *381.28* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *779.77* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *245.99* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *91.51* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *102.82* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2144 | EA | 3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99) | 1,463.53 | 111.66 |
| | | Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *180.25* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *368.65* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *116.29* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *43.26* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *66.75* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2145 | EA | 3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F) | 1,599.19 | 111.66 |
| | | Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *201.28* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *411.65* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *129.86* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *48.31* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *74.54* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2146 | EA | 3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975) | 1,894.47 | 137.42 |
| | | Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *235.73* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *482.11* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *152.09* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *56.58* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *87.30* | |
| | | *For Standard Baseplate Cylinder Dogging (CD), Add* | *51.69* | |
| | | *For Special Center Case Dogging (SD), Add* | *216.41* | |
| | | *For Dogging Indicator (DI), Add* | *132.33* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2147 | EA | 3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F) | 2,032.58 | 137.42 |
| | | Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. | | |
| | | *For 4' Push Bar, Add* | *13.00* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *257.14* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *525.89* | |
| | | *For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add* | *165.90* | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *61.71* | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *95.22* | |
| | | *For Quiet Electric Latch Retraction (QEL), Add* | *583.30* | |
| | | *For Vision Impaired Touchpad, Raised Letters and Braille, Add* | *66.86* | |
| | | *For Safety Glow Touchpad, Add* | *241.22* | |
| 08 71 11 00-2148 | EA | Exit Only Trim Plate (Von Duprin Series 98/99, EO) | 121.20 | 12.89 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *2.61* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *3.91* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *14.76* | |
| 08 71 11 00-2149 | EA | Dummy Trim (Von Duprin Series 98/99, 990DT) | 178.02 | 16.10 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *4.05* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *6.08* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *22.96* | |
| 08 71 11 00-2150 | EA | Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL) | 284.94 | 21.47 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *6.74* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *10.12* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *38.22* | |
| 08 71 11 00-2151 | EA | Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL) | 204.85 | 21.47 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *4.34* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *6.51* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *24.60* | |
| 08 71 11 00-2152 | EA | Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L) | 478.18 | 32.21 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *11.77* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *17.65* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *66.69* | |
| 08 71 11 00-2153 | EA | Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L) | 398.10 | 32.21 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *9.37* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *14.05* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *53.08* | |
| 08 71 11 00-2154 | EA | Blank Escutcheon, Lever ((Von Duprin Series 98/99, 996L-BE) | 398.10 | 32.21 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *9.37* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *14.05* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *53.08* | |
| 08 71 11 00-2155 | EA | Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL) | 409.26 | 32.21 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *9.70* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *14.55* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *54.97* | |
| 08 71 11 00-2156 | EA | Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL) | 329.18 | 32.21 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *7.30* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *10.95* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *41.36* | |
| 08 71 11 00-2157 | EA | Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT)) | 329.18 | 32.21 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *7.30* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *10.95* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *41.36* | |
| 08 71 11 00-2158 | EA | Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K) | 398.24 | 32.21 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *9.37* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *14.06* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *53.10* | |
| 08 71 11 00-2159 | EA | Knob Trim Without Cylinder (Von Duprin Series 98/99, K) | 318.16 | 32.21 |
| | | Note: Satin chrome plated US26D (BHMA 626) finish. | | |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *6.97* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *10.45* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *39.49* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2160 | EA | Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE)<br>Note: Satin chrome plated US26D (BHMA 626) finish. | 318.16 | 32.21 |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *6.97* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *10.45* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *39.49* | |
| 08 71 11 00-2161 | EA | Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL)<br>Note: Satin chrome plated US26D (BHMA 626) finish. | 392.04 | 32.21 |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *9.18* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *13.78* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *52.05* | |
| 08 71 11 00-2162 | EA | Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL)<br>Note: Satin chrome plated US26D (BHMA 626) finish. | 311.95 | 32.21 |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *6.78* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *10.17* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *38.43* | |
| 08 71 11 00-2163 | EA | Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT)<br>Note: Satin chrome plated US26D (BHMA 626) finish. | 311.95 | 32.21 |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *6.78* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *10.17* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *38.43* | |
| 08 71 11 00-2164 | EA | Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP)<br>Note: Satin chrome plated US26D (BHMA 626) finish. | 358.26 | 32.21 |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *8.17* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *12.26* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *46.30* | |
| 08 71 11 00-2165 | EA | Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP)<br>Note: Satin chrome plated US26D (BHMA 626) finish. | 278.18 | 32.21 |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *5.77* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *8.65* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *32.69* | |
| 08 71 11 00-2166 | EA | Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE)<br>Note: Satin chrome plated US26D (BHMA 626) finish. | 278.18 | 32.21 |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *5.77* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *8.65* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *32.69* | |
| 08 71 11 00-2167 | EA | Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL)<br>Note: Satin chrome plated US26D (BHMA 626) finish. | 300.00 | 32.21 |
| | | *For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add* | *6.42* | |
| | | *For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add* | *9.63* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *36.40* | |
| **08 71 11 00-2168** | | **Option And Kits For Series 22, 33, 35, 98 Or 99** *(08 71 11 00-2087)* | | |
| 08 71 11 00-2169 | EA | Alarm Kit With Switch And 9 Volt Battery Back-up | 797.68 | 32.21 |
| 08 71 11 00-2170 | EA | 4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914) | 645.81 | 32.21 |
| | | *For Battery Backup (Includes Board And 2 Batteries), Add* | *56.32* | |
| | | *For Fire Alarm Interface, Add* | *28.16* | |
| | | *For 2 Relay Panic Device Control Board, Add* | *65.34* | |
| | | *For 2 Relay Quiet Electric Latch Panic Device Control Board, Add* | *76.60* | |
| | | *For 4 Relay Output Board, Add* | *63.08* | |
| | | *For 4 Relay Logic Board, Add* | *173.02* | |
| | | *For Fused 8 Zone Distribution Board, Add* | *22.53* | |
| 08 71 11 00-2171 | EA | Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10) | 602.34 | 32.21 |
| 08 71 11 00-2172 | EA | 2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902) | 326.15 | 32.21 |
| | | *For Battery Backup (Includes Board And 2 Batteries), Add* | *56.32* | |
| | | *For Fire Alarm Interface, Add* | *28.16* | |
| | | *For 2 Relay Quiet Electric Latch Panic Device Control Board, Add* | *76.60* | |
| | | *For 4 Relay Output Board, Add* | *63.08* | |
| | | *For 4 Relay Logic Board, Add* | *173.02* | |
| | | *For Fused 8 Zone Distribution Board, Add* | *22.53* | |
| 08 71 11 00-2173 | EA | 4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904) | 538.76 | 32.21 |
| | | *For Battery Backup (Includes Board And 2 Batteries), Add* | *56.32* | |
| | | *For Fire Alarm Interface, Add* | *28.16* | |
| | | *For 2 Relay Quiet Electric Latch Panic Device Control Board, Add* | *76.60* | |
| | | *For 4 Relay Output Board, Add* | *63.08* | |
| | | *For 4 Relay Logic Board, Add* | *173.02* | |
| | | *For Fused 8 Zone Distribution Board, Add* | *22.53* | |
| 08 71 11 00-2174 | EA | Request to Exit Push Pad Monitor Switch (RX) | 174.58 | 21.47 |
| **08 71 11 00-2175** | | **Removable Verticals, Mullions (Von Duprin)** *(08 71 11 00-2087)* | | |
| 08 71 11 00-2176 | EA | 7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72)<br>Note: For use with Von Duprin Panic rim devices. | 461.81 | 21.47 |
| | | *For Owner Furnished Material, Deduct* | *-375.92* | |
| 08 71 11 00-2177 | EA | 8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82)<br>Note: For use with Von Duprin Panic rim devices. | 491.23 | 21.47 |
| | | *For Owner Furnished Material, Deduct* | *-405.34* | |
| 08 71 11 00-2178 | EA | 10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102)<br>Note: For use with Von Duprin Panic rim devices. | 808.57 | 21.47 |
| | | *For Owner Furnished Material, Deduct* | *-722.68* | |
| 08 71 11 00-2179 | EA | 7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76)<br>Note: For use with Von Duprin Panic rim devices. | 792.81 | 25.77 |
| | | *For Owner Furnished Material, Deduct* | *-689.74* | |
| 08 71 11 00-2180 | EA | 8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86)<br>Note: For use with Von Duprin Panic rim devices. | 822.23 | 25.77 |
| | | *For Owner Furnished Material, Deduct* | *-719.16* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2181 | EA | 10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106)<br>Note: For use with Von Duprin Panic rim devices. | 886.79 | 25.77 |
| | | *For Owner Furnished Material, Deduct* | *-783.72* | |
| 08 71 11 00-2182 | EA | 7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73)<br>Note: For use with Von Duprin Panic rim devices. | 667.75 | 21.47 |
| | | *For Owner Furnished Material, Deduct* | *-581.86* | |
| 08 71 11 00-2183 | EA | 8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83)<br>Note: For use with Von Duprin Panic rim devices. | 697.99 | 21.47 |
| | | *For Owner Furnished Material, Deduct* | *-612.10* | |
| 08 71 11 00-2184 | EA | 10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103)<br>Note: For use with Von Duprin Panic rim devices. | 759.28 | 21.47 |
| | | *For Owner Furnished Material, Deduct* | *-673.39* | |
| 08 71 11 00-2185 | EA | 7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75)<br>Note: For use with Von Duprin Panic rim devices. | 1,030.62 | 25.77 |
| | | *For Owner Furnished Material, Deduct* | *-927.55* | |
| 08 71 11 00-2186 | EA | 8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85)<br>Note: For use with Von Duprin Panic rim devices. | 1,060.86 | 25.77 |
| | | *For Owner Furnished Material, Deduct* | *-957.79* | |
| 08 71 11 00-2187 | EA | 10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105)<br>Note: For use with Von Duprin Panic rim devices. | 2,011.05 | 25.77 |
| | | *For Owner Furnished Material, Deduct* | *-1,907.98* | |
| 08 71 11 00-2188 | EA | Mullion Stabilizer Set (Von Duprin 154)<br>Note: For use with Von Duprin Panic rim devices. | 95.65 | 17.17 |
| | | *For Owner Furnished Material, Deduct* | *-61.29* | |

## 08 71 11 00-2189 Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 *(08 71 11 00-2087)*

Note: Grade 1, BHMA 156.3.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2190 | EA | 42" Crossbar Exit Device, Rim Type, Narrow Stile<br>Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55. | 1,818.57 | 96.62 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *196.67* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *226.33* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *298.13* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *324.67* | |
| 08 71 11 00-2191 | EA | 42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile<br>Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547. | 2,339.85 | 133.13 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *249.91* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *287.59* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *378.83* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *412.55* | |
| 08 71 11 00-2192 | EA | 42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated<br>Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F. | 2,561.32 | 133.13 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *277.81* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *319.71* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *421.13* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *458.62* | |
| 08 71 11 00-2193 | EA | 42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile<br>Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC. | 2,394.60 | 133.13 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *256.81* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *295.53* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *389.29* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *423.94* | |
| 08 71 11 00-2194 | EA | 42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated<br>Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F. | 2,609.53 | 133.13 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *283.89* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *326.70* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *430.34* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *468.64* | |
| 08 71 11 00-2195 | EA | 42" Crossbar Exit Device, Mortise Lock, Narrow Stile<br>Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575. | 1,811.06 | 120.25 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *187.61* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *215.90* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *284.40* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *309.71* | |
| 08 71 11 00-2196 | EA | 42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated<br>Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F. | 1,955.71 | 120.25 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *205.84* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *236.88* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *312.02* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *339.80* | |
| 08 71 11 00-2197 | EA | Dummy Trim (DT) Pull Bracket, Von Duprin Series 55<br>Note: Anodized finish: dull brass or dull bronze. | 311.81 | 16.10 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *33.88* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *38.99* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *51.35* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *55.92* | |
| 08 71 11 00-2198 | EA | Cylinder Assembly, Von Duprin Series 55<br>Note: Anodized finish: dull brass or dull bronze. | 136.12 | 22.76 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *9.58* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *11.02* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *14.52* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *15.81* | |
| 08 71 11 00-2199 | EA | Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55<br>Note: Anodized finish: dull brass or dull bronze. | 527.57 | 22.76 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *58.90* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *67.78* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *89.28* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *97.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2200 | EA | Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55 | 563.15 | 32.21 |
| | | Note: Anodized finish: dull brass or dull bronze. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *60.13* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *69.20* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *91.16* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *99.27* | |
| 08 71 11 00-2201 | EA | Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55 | 456.91 | 32.21 |
| | | Note: Anodized finish: dull brass or dull bronze. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *46.75* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *53.80* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *70.86* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *77.17* | |
| 08 71 11 00-2202 | EA | Lever Trim (371L) With Cylinder, Von Duprin Series 55 | 563.15 | 32.21 |
| | | Note: Anodized finish: dull brass or dull bronze. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *60.13* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *69.20* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *91.16* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *99.27* | |
| 08 71 11 00-2203 | EA | Lever Trim (575L) With Cylinder, Von Duprin Series 55 | 649.78 | 32.21 |
| | | Note: Anodized finish: dull brass or dull bronze. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *71.05* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *81.76* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add* | *107.70* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *117.29* | |
| **08 71 11 00-2204** | | **Cross Bar Exit Device, Von Duprin Series 88** *(08 71 11 00-2087)* | | |
| | | Note: Grade 1, BHMA 156.3. | | |
| 08 71 11 00-2205 | EA | 42" Crossbar, Rim Type, Exit Device | 1,142.73 | 96.62 |
| | | Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *27.44* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *28.32* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *241.62* | |
| 08 71 11 00-2206 | EA | 42" Crossbar, Fire Rated, Rim Type, Exit Device | 1,338.05 | 96.62 |
| | | Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *33.49* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *34.57* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *294.94* | |
| 08 71 11 00-2207 | EA | 42" Crossbar, Surface Vertical Rods, Exit Device | 1,481.11 | 115.95 |
| | | Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *36.33* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *37.50* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *319.93* | |
| 08 71 11 00-2208 | EA | 42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device | 1,903.60 | 115.95 |
| | | Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *49.43* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *51.02* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *435.27* | |
| 08 71 11 00-2209 | EA | 42" Crossbar, Concealed Vertical Rods, Exit Device | 1,422.02 | 133.13 |
| | | Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *33.03* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *34.10* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *290.90* | |
| 08 71 11 00-2210 | EA | 42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device | 1,806.20 | 133.13 |
| | | Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *44.94* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *46.39* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *395.78* | |
| 08 71 11 00-2211 | EA | 42" Crossbar, Mortise Lock, Exit Device | 1,531.57 | 120.25 |
| | | Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *37.49* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *38.70* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *330.19* | |
| 08 71 11 00-2212 | EA | 42" Crossbar, Fire Rated, Mortise Lock, Exit Device | 1,631.28 | 120.25 |
| | | Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *40.59* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *41.89* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *357.41* | |
| 08 71 11 00-2213 | EA | Dummy Trim (Von Duprin Series 88, DT) | 172.07 | 16.10 |
| | | Note: Anodized finish: dull brass or dull bronze. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *4.00* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *4.13* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *35.25* | |
| 08 71 11 00-2214 | EA | Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL) | 276.68 | 21.47 |
| | | Note: Anodized finish: dull brass or dull bronze. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *6.71* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *6.93* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *59.12* | |
| 08 71 11 00-2215 | EA | Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T) | 483.07 | 32.21 |
| | | Note: Anodized finish: dull brass or dull bronze. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *12.31* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *12.71* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *108.43* | |
| 08 71 11 00-2216 | EA | Lever Trim With Cylinder (Von Duprin Series 88, 373L) | 450.37 | 32.21 |
| | | Note: Anodized finish: dull brass or dull bronze. | | |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *11.30* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *11.66* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *99.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2217 | EA | Knob Trim With Cylinder (Von Duprin Series 88, K)<br>Note: Anodized finish: dull brass or dull bronze. | 340.05 | 32.21 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *7.88* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *8.13* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *69.39* | |
| 08 71 11 00-2218 | EA | Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP)<br>Note: Anodized finish: dull brass or dull bronze. | 340.05 | 32.21 |
| | | *For Satin Chrome Plated US26D (BHMA 626) Finish, Add* | *7.88* | |
| | | *For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add* | *8.13* | |
| | | *For Bright Stainless Steel US32 (BHMA 629) Finish, Add* | *69.39* | |

## 08 71 11 00-2219 Door Closers *(08 71 11)*

Note: Includes standard cover and arm.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2220 | EA | Surface Mounted Standard Duty Door Closer (LCN 1460 Series) | 389.22 | 24.90 |
| | | *For Delayed Action, Add* | *12.60* | |
| | | *For AVB (5 LB Per Push), Add* | *6.60* | |
| | | *For Fusible Link Arm, Add* | *39.60* | |
| | | *For Shock Absorbing Arm, Add* | *19.80* | |
| | | *For Hold Open Arm, Add* | *13.80* | |
| | | *For Plated Brass Finish, Add* | *101.40* | |
| | | *For Plated Finish With Clear Coat, Add* | *127.20* | |
| | | *For Parallel Arm, Add* | *22.40* | |
| 08 71 11 00-2221 | EA | Surface Mounted Heavy Duty Door Closer (LCN 4010/4020/4110 Series) | 478.14 | 24.90 |
| | | *For Delayed Action, Add* | *12.60* | |
| | | *For AVB (5 LB Per Push), Add* | *6.60* | |
| | | *For Fusible Link Arm, Add* | *39.60* | |
| | | *For Shock Absorbing Arm, Add* | *19.80* | |
| | | *For Hold Open Arm, Add* | *13.80* | |
| | | *For Plated Brass Finish, Add* | *101.40* | |
| | | *For Plated Finish With Clear Coat, Add* | *127.20* | |
| 08 71 11 00-2222 | EA | Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series) | 492.27 | 24.90 |
| | | *For Delayed Action, Add* | *12.60* | |
| | | *For AVB (5 LB Per Push), Add* | *6.60* | |
| | | *For Fusible Link Arm, Add* | *39.60* | |
| | | *For Shock Absorbing Arm, Add* | *19.80* | |
| | | *For Hold Open Arm, Add* | *13.80* | |
| | | *For Plated Brass Finish, Add* | *101.40* | |
| | | *For Plated Finish With Clear Coat, Add* | *127.20* | |
| | | *For Spring Cush Arm, Add* | *67.20* | |
| | | *For Parallel Arm And PA Shoe, Add* | *22.40* | |
| | | *For Stainless Steel Finish, Add* | *145.00* | |
| 08 71 11 00-2223 | EA | Surface Mounted High Security Door Closer With Metal Cover (LCN 4510) | 509.97 | 24.90 |
| | | *For Delayed Action, Add* | *12.60* | |
| | | *For AVB (5 LB Per Push), Add* | *6.60* | |
| | | *For Fusible Link Arm, Add* | *39.60* | |
| | | *For Shock Absorbing Arm, Add* | *19.80* | |
| | | *For Hold Open Arm, Add* | *13.80* | |
| | | *For Plated Brass Finish, Add* | *101.40* | |
| | | *For Plated Finish With Clear Coat, Add* | *127.20* | |
| 08 71 11 00-2224 | EA | Surface Mounted Standard Duty Door Closer (Norton 8301) | 322.62 | 24.90 |
| | | *For Parallel Arm, Add* | *22.40* | |
| 08 71 11 00-2225 | EA | Surface Mounted Standard Duty Door Closer (Norton 8501) | 325.60 | 24.90 |
| | | *For Parallel Arm, Add* | *22.40* | |

## 08 71 11 00-2226 Concealed Door Closers *(08 71 11)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2227 | EA | Non Hold Open, Floor Concealed Door Closer (Rixson 27/28) | 1,095.81 | 73.86 |
| 08 71 11 00-2228 | EA | Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27) | 1,179.15 | 73.86 |
| 08 71 11 00-2229 | EA | Concealed (In Door) Overhead Door Closer (LCN 3130) | 564.94 | 30.06 |
| | | *For Hold Open Arm, Add* | *13.80* | |
| | | *For Plated Brass Finish, Add* | *101.40* | |
| | | *For Plated Finish With Clear Coat, Add* | *127.20* | |
| 08 71 11 00-2230 | EA | Concealed (In Frame) Overhead Door Closer (LCN 5010) | 613.69 | 30.06 |
| | | *For Delayed Action, Add* | *12.60* | |
| | | *For Hold Open Arm, Add* | *13.80* | |
| | | *For Plated Brass Finish, Add* | *101.40* | |
| | | *For Plated Finish With Clear Coat, Add* | *127.20* | |

## 08 71 11 00-2231 Locks And Latches *(08 71 11)*

Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.

## 08 71 11 00-2232 Locksmith Services *(08 71 11 00-2231)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2233 | EA | Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys | 1.42 | |
| | | *For >50, Deduct* | *-0.28* | |
| 08 71 11 00-2234 | EA | Rekey Existing Cylinder To Match Existing Cylinders Or Master Key | 103.11 | |
| | | *For >5, Deduct* | *-10.31* | |
| 08 71 11 00-2235 | EA | Removal And Replacement Of Cylinder With Owner Supplied Cylinder | 103.11 | |
| | | *For >5, Deduct* | *-10.31* | |
| 08 71 11 00-2236 | EA | Removal And Replacement Of Cylinder With New Cylinder<br>Note: Excludes core. | 118.24 | |
| | | *For >5, Deduct* | *-10.31* | |
| 08 71 11 00-2237 | EA | Open Locked Doors | 103.11 | |
| 08 71 11 00-2238 | EA | Install Owner Furnished Cores And Cylinders | 43.63 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2239 | | Mortise Locksets And Latchsets *(08 71 11 00-2231)* | | |
| | | Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs. | | |
| 08 71 11 00-2240 | EA | Passage/Closet F01 Mortise Latchset | 684.89 | 21.47 |
| | | Note: Both sides always unlocked. | | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *19.77* | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *17.97* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *29.95* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *211.45* | |
| 08 71 11 00-2241 | EA | Bath/Bedroom Privacy F02/F19 Mortise Lockset | 817.98 | 21.47 |
| | | Note: Locked with thumb knob inside. | | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *24.16* | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *21.96* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *36.60* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *258.43* | |
| 08 71 11 00-2242 | EA | Entrance/Office F04 Mortise Lockset | 912.12 | 21.47 |
| | | Note: Locked with key outside and thumb knob inside. | | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *27.27* | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *24.79* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *41.31* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *291.66* | |
| 08 71 11 00-2243 | EA | Classroom F05 Mortise Lockset | 850.29 | 21.47 |
| | | Note: Locked with key outside. Inside always unlocked. | | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *25.23* | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *22.93* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *38.22* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *269.83* | |
| | | *For Security Function (Double Cylinder) With Visual Indicator, Add* | *68.76* | |
| 08 71 11 00-2244 | EA | Storeroom/Closet F07 Mortise Lockset | 850.29 | 21.47 |
| | | Note: Locked with key outside. Inside always unlocked. Fixed outside handle. | | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *25.23* | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *22.93* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *38.22* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *269.83* | |
| 08 71 11 00-2245 | EA | Entrance F08 Mortise Lockset | 951.54 | 21.47 |
| | | Note: Locked with key outside and thumb knob inside. | | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *28.57* | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *25.97* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *43.28* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *305.57* | |
| 08 71 11 00-2246 | EA | Dormitory/Exit F13 Mortise Lockset | 817.05 | 21.47 |
| | | Note: Locked with key outside and thumb knob inside. | | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *24.13* | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *21.93* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *36.56* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *258.10* | |
| 08 71 11 00-2247 | | Locks And Latches *(08 71 11 00-2231)* | | |
| 08 71 11 00-2248 | | Preassembled Locks And Latches *(08 71 11 00-2247)* | | |
| | | Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles. | | |
| 08 71 11 00-2249 | EA | Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210) | 1,333.85 | 21.47 |
| | | Note: Both sides always unlocked. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *38.08* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *63.47* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *448.11* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *236.11* | |
| | | *For Grade 2, Deduct* | *-493.81* | |
| 08 71 11 00-2250 | EA | Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220) | 1,444.83 | 21.47 |
| | | Note: Locked with push button inside. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *41.41* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *69.02* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *487.28* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *256.76* | |
| | | *For Grade 2, Deduct* | *-536.98* | |
| 08 71 11 00-2251 | EA | Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261) | 1,643.83 | 21.47 |
| | | Note: Locked with key outside and push button inside. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *47.38* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *78.97* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *557.53* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *293.77* | |
| | | *For Grade 2, Deduct* | *-614.39* | |
| 08 71 11 00-2252 | EA | Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255) | 1,643.83 | 21.47 |
| | | Note: Locked with key outside. Inside always unlocked. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *47.38* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *78.97* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *557.53* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *293.77* | |
| | | *For Grade 2, Deduct* | *-614.39* | |
| 08 71 11 00-2253 | EA | Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257) | 1,643.83 | 21.47 |
| | | Note: Locked with key outside. Inside always unlocked. Fixed outside handle. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *47.38* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *78.97* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *557.53* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *293.77* | |
| | | *For Grade 2, Deduct* | *-614.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 71 11 00-2254** | | **Bored Locks And Latches** *(08 71 11 00-2247)* | | |
| | | Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs. | | |
| 08 71 11 00-2255 | EA | Passage/Closet F75 Bored Latchset | 227.03 | 21.47 |
| | | Note: Both sides always unlocked. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *4.23* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *7.06* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *49.82* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *26.25* | |
| | | *For Grade 2, Deduct* | *-7.06* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *2.82* | |
| | | *For Interchangeable Core, Add* | *9.45* | |
| 08 71 11 00-2256 | EA | Bath/Bedroom Privacy F76 Bored Lockset | 260.68 | 21.47 |
| | | Note: Locked with push button inside. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *5.24* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *8.74* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *61.70* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *32.51* | |
| | | *For Grade 2, Deduct* | *-8.74* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *3.50* | |
| | | *For Interchangeable Core, Add* | *9.45* | |
| 08 71 11 00-2257 | EA | Entrance/Office F82 Bored Lockset | 287.82 | 21.47 |
| | | Note: Locked with key outside and push button inside. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *6.06* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *10.10* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *71.28* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *37.56* | |
| | | *For Grade 2, Deduct* | *-10.10* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *4.04* | |
| | | *For Interchangeable Core, Add* | *9.45* | |
| 08 71 11 00-2258 | EA | Classroom F84 Bored Lockset | 287.82 | 21.47 |
| | | Note: Locked with key outside. Inside always unlocked. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *6.06* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *10.10* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *71.28* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *37.56* | |
| | | *For Grade 2, Deduct* | *-10.10* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *4.04* | |
| | | *For Interchangeable Core, Add* | *9.45* | |
| 08 71 11 00-2259 | EA | Storeroom/Closet F86 Bored Lockset | 287.82 | 21.47 |
| | | Note: Locked with key outside. Inside always unlocked. Fixed outside handle. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *6.06* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *10.10* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *71.28* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *37.56* | |
| | | *For Grade 2, Deduct* | *-10.10* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *4.04* | |
| | | *For Interchangeable Core, Add* | *9.45* | |
| 08 71 11 00-2260 | EA | Corridor/Dormitory F90 Bored Lockset | 287.82 | 21.47 |
| | | Note: Locked with key outside and push button inside. | | |
| | | *For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add* | *6.06* | |
| | | *For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add* | *10.10* | |
| | | *For Satin Stainless Steel US32D (BHMA 630) Finish, Add* | *71.28* | |
| | | *For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add* | *37.56* | |
| | | *For Grade 2, Deduct* | *-10.10* | |
| | | *For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add* | *4.04* | |
| | | *For Interchangeable Core, Add* | *9.45* | |
| **08 71 11 00-2261** | | **Other Locks** *(08 71 11 00-2231)* | | |
| | | Note: BHMA A156.5. | | |
| 08 71 11 00-2262 | EA | Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421 | 717.08 | 111.66 |
| 08 71 11 00-2263 | EA | Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461 | 1,625.95 | 223.31 |
| **08 71 11 00-2264** | | **Pushbutton Combination Locks** *(08 71 11 00-2231)* | | |
| **08 71 11 00-2265** | | **Mechanical Pushbutton Combination Locks** *(08 71 11 00-2264)* | | |
| | | Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access. | | |
| **08 71 11 00-2266** | | **Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)** *(08 71 11 00-2265)* | | |
| | | Note: Satin chrome or antique brass finish. | | |
| 08 71 11 00-2267 | EA | Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series) | 593.53 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2268 | EA | Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series) | 637.69 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2269 | EA | Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series) | 655.35 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2270 | EA | Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series) | 699.51 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2271 | EA | Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series) | 668.60 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2272 | EA | Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series) | 712.76 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2273 | EA | Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series) | 730.42 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2274 | EA | Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series) | 774.58 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2275 | | Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series) *(08 71 11 00-2265)* | | |
| | | Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents. | | |
| 08 71 11 00-2276 | EA | Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series) | 658.00 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| 08 71 11 00-2277 | EA | Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series) | 693.33 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| 08 71 11 00-2278 | EA | Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series) | 763.98 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| 08 71 11 00-2279 | EA | Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series) | 790.48 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| 08 71 11 00-2280 | EA | Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series) | 790.48 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| 08 71 11 00-2281 | EA | Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series) | 746.32 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| 08 71 11 00-2282 | | Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series) *(08 71 11 00-2265)* | | |
| | | Note: Satin chrome or antique brass finish. | | |
| 08 71 11 00-2283 | EA | Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series) | 796.66 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2284 | EA | Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series) | 823.16 | 54.54 |
| | | *For Bright Chrome Or Bright Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2285 | | Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470) *(08 71 11 00-2265)* | | |
| | | Note: Satin stainless, bright brass or antique brass finish. | | |
| 08 71 11 00-2286 | EA | Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series) | 340.05 | 54.54 |
| 08 71 11 00-2287 | EA | Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series) | 456.63 | 54.54 |
| 08 71 11 00-2288 | | Electrical Pushbutton Combination Locks *(08 71 11 00-2264)* | | |
| | | Note: Privacy option limits access to privileged users (master codes). | | |
| 08 71 11 00-2289 | | Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) *(08 71 11 00-2288)* | | |
| | | Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events. | | |
| 08 71 11 00-2290 | EA | Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series) | 615.61 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2291 | EA | Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series) | 721.59 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2292 | EA | Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series) | 748.08 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2293 | EA | Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series) | 703.92 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2294 | EA | Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series) | 659.77 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2295 | EA | Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series) | 748.08 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2296 | EA | Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series) | 765.75 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2297 | EA | Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series) | 792.24 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| 08 71 11 00-2298 | EA | Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series) | 748.08 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| **08 71 11 00-2299** | | **Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series)** *(08 71 11 00-2288)* | | |
| | | Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events. | | |
| 08 71 11 00-2300 | EA | Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series) | 792.24 | 54.54 |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2301 | EA | Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series) | 792.24 | 54.54 |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| **08 71 11 00-2302** | | **Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series)** *(08 71 11 00-2288)* | | |
| | | Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events. | | |
| 08 71 11 00-2303 | EA | Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series) | 929.14 | 54.54 |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2304 | EA | Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series) | 929.14 | 54.54 |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| **08 71 11 00-2305** | | **Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series)** *(08 71 11 00-2288)* | | |
| | | Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events. | | |
| 08 71 11 00-2306 | EA | Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series) | 999.79 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2307 | EA | Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series) | 1,088.11 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2308 | EA | Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series) | 1,105.78 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2309 | EA | Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series) | 1,132.27 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2310 | EA | Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series) | 1,088.11 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| **08 71 11 00-2311** | | **Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series)** *(08 71 11 00-2288)* | | |
| | | Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events. | | |
| 08 71 11 00-2312 | EA | Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) | 1,419.31 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2313 | EA | Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) | 1,507.63 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2314 | EA | Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) | 1,525.29 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2315 | EA | Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) | 1,551.79 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |
| 08 71 11 00-2316 | EA | Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series) | 1,507.63 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Remote Unlock, Add* | *88.73* | |
| | | *Note: Excludes momentary contact switch.* | | |

### 08 71 11 00-2317 Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) *(08 71 11 00-2288)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2318 | EA | Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series) | 2,019.88 | 54.54 |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *35.00* | |

### 08 71 11 00-2319 Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) *(08 71 11 00-2288)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2320 | EA | Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series) | 1,264.75 | 54.54 |
| | | *For Bright Chrome, Bright Brass Or Satin Brass Finish, Add* | *17.50* | |
| | | *For Dark Bronze Finish With Brass Accents, Add* | *70.00* | |

### 08 71 11 00-2321 Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) *(08 71 11 00-2288)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2322 | EA | Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) | 770.16 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-551.99* | |
| 08 71 11 00-2323 | EA | Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) | 876.15 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-657.98* | |
| 08 71 11 00-2324 | EA | Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) | 902.64 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-684.47* | |
| 08 71 11 00-2325 | EA | Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) | 858.48 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-640.31* | |
| 08 71 11 00-2326 | EA | Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) | 814.32 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-596.15* | |
| 08 71 11 00-2327 | EA | Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) | 902.64 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-684.47* | |
| 08 71 11 00-2328 | EA | Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) | 920.31 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-702.14* | |
| 08 71 11 00-2329 | EA | Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) | 946.80 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-728.63* | |
| 08 71 11 00-2330 | EA | Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) | 902.64 | 54.54 |
| | | *For Satin Brass Finish, Add* | *17.50* | |
| | | *For Owner Furnished Material, Deduct* | *-684.47* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 71 11 00-2331** | | **Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®)** *(08 71 11 00-2288)* | | |
| 08 71 11 00-2332 | EA | Standard Software Implementation Kit (Kaba® E-Plex®) | 616.14 | |
| 08 71 11 00-2333 | EA | Enterprise Software Implementation Kit (Kaba® E-Plex®) | 792.77 | |
| 08 71 11 00-2334 | EA | E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®) | 1,057.73 | |
| 08 71 11 00-2335 | EA | USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®) | 312.48 | |
| 08 71 11 00-2336 | EA | High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series)<br>Note: Includes 4 C-cell battery pack. | 96.00 | |
| 08 71 11 00-2337 | EA | 12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series) | 114.55 | |
| **08 71 11 00-2338** | | **Electrical Pushbutton Combination Locks (Schlage)** *(08 71 11 00-2288)*<br>Note: ANSI/BHMA Grade 1. Satin chrome finish. | | |
| 08 71 11 00-2339 | EA | Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D) | 856.54 | 53.68 |
| | | *For Owner Furnished Material, Deduct* | *-641.82* | |
| 08 71 11 00-2340 | EA | Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D) | 1,000.62 | 53.68 |
| | | *For Owner Furnished Material, Deduct* | *-785.90* | |
| 08 71 11 00-2341 | EA | Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626) | 1,136.29 | 53.68 |
| | | *For Owner Furnished Material, Deduct* | *-921.57* | |
| 08 71 11 00-2342 | EA | Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626) | 1,501.17 | 53.68 |
| | | *For Owner Furnished Material, Deduct* | *-1,286.45* | |
| 08 71 11 00-2343 | EA | Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626) | 1,646.19 | 53.68 |
| | | *For Owner Furnished Material, Deduct* | *-1,431.47* | |
| 08 71 11 00-2344 | EA | Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626) | 1,816.47 | 53.68 |
| | | *For Owner Furnished Material, Deduct* | *-1,601.75* | |
| 08 71 11 00-2345 | EA | Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626) | 1,664.90 | 53.68 |
| | | *For Owner Furnished Material, Deduct* | *-1,450.18* | |
| **08 71 11 00-2346** | | **Residential Locks And Latchsets** *(08 71 11 00-2231)* | | |
| 08 71 11 00-2347 | EA | Residential Entry Lockset With Knobs (Master Keyed) | 66.43 | 13.09 |
| 08 71 11 00-2348 | EA | Residential Privacy Lockset With Knobs | 64.85 | 13.09 |
| 08 71 11 00-2349 | EA | Residential Passage Lockset With Knobs | 64.64 | 13.09 |
| 08 71 11 00-2350 | EA | Residential Dummy Lockset With Knobs | 50.90 | 10.91 |
| 08 71 11 00-2351 | EA | Residential Entry Lockset With Levers (Master Keyed) | 77.35 | 13.09 |
| 08 71 11 00-2352 | EA | Residential Privacy Lockset With Levers | 73.73 | 13.09 |
| 08 71 11 00-2353 | EA | Residential Passage Lockset With Levers | 71.10 | 13.09 |
| 08 71 11 00-2354 | EA | Residential Dummy Lockset With Levers | 52.16 | 10.91 |
| 08 71 11 00-2355 | EA | Screen Door - Closer | 46.24 | 9.43 |
| 08 71 11 00-2356 | EA | Screen Door - Locking Handle | 49.55 | 13.53 |
| **08 71 11 00-2357** | | **Deadbolts** *(08 71 11 00-2231)* | | |
| **08 71 11 00-2358** | | **Cylindrical Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2357)*<br>Note: 2-3/8" or 2-3/4" backset. | | |
| 08 71 11 00-2359 | EA | Single Cylinder Deadbolt, Key One Side, Knob One Side<br>Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish. | 145.94 | 21.47 |
| | | *For Bright Chromium Or Oiled Rubbed Bronze Finish, Add* | *4.20* | |
| 08 71 11 00-2360 | EA | Double Cylinder Deadbolt, Key Both Sides<br>Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish. | 166.38 | 21.47 |
| | | *For Bright Chromium Or Oiled Rubbed Bronze Finish, Add* | *4.20* | |
| **08 71 11 00-2361** | | **Cylindrical Deadbolts, Grade 2, ANSI 156.5** *(08 71 11 00-2357)*<br>Note: 2-3/8" or 2-3/4" backset. | | |
| 08 71 11 00-2362 | EA | Single Cylinder Deadbolt, Key One Side, Knob One Side<br>Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish. | 131.93 | 21.47 |
| | | *For Bright Chromium Or Oiled Rubbed Bronze Finish, Add* | *4.20* | |
| 08 71 11 00-2363 | EA | Double Cylinder Deadbolt, Key Both Sides<br>Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish. | 154.26 | 21.47 |
| | | *For Bright Chromium Or Oiled Rubbed Bronze Finish, Add* | *4.20* | |
| **08 71 11 00-2364** | | **Small Case Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2357)*<br>Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal. | | |
| 08 71 11 00-2365 | EA | Small Case Mortised Deadbolt, Key One Side, Knob One Side<br>Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). | 188.84 | 21.47 |
| 08 71 11 00-2366 | EA | Small Case Mortised Deadbolt, Key Both Sides<br>Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version. | 207.77 | 21.47 |
| 08 71 11 00-2367 | EA | Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side<br>Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). | 185.06 | 21.47 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 71 11 00-2368** | | **Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2357)* | | |
| | | Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal. | | |
| 08 71 11 00-2369 | EA | Mortised Deadbolt, Key One Side, Knob One Side | 240.32 | 21.47 |
| | | Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). | | |
| 08 71 11 00-2370 | EA | Mortised Deadbolt, Key Both Sides | 271.36 | 21.47 |
| | | Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version. | | |
| 08 71 11 00-2371 | EA | Mortised Deadbolt, Key One Side, Cover Plate One Side | 213.83 | 21.47 |
| | | Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). | | |
| **08 71 11 00-2372** | | **Surface Mounted Deadbolts** *(08 71 11 00-2357)* | | |
| 08 71 11 00-2373 | EA | Single Cylinder Surface Mounted Deadbolt | 101.44 | 21.47 |
| | | Note: Key one side, knob one side, bright brass finish. | | |
| | | *For Brushed Chrome Finish, Add* | *10.50* | |
| 08 71 11 00-2374 | EA | Double Cylinder Surface Mounted Deadbolt | 115.11 | 21.47 |
| | | Note: Key both sides, bright brass finish. | | |
| | | *For Brushed Chrome Finish, Add* | *10.50* | |
| 08 71 11 00-2375 | EA | Single Cylinder Surface Mounted Interlocking Deadbolt | 125.99 | 21.47 |
| | | Note: Jimmy proof, key one side, knob one side, bright brass finish. | | |
| | | *For Brushed Chrome Finish, Add* | *10.50* | |
| 08 71 11 00-2376 | EA | Double Cylinder Surface Mounted Interlocking Deadbolt | 139.67 | 21.47 |
| | | Note: Jimmy proof, key both sides, bright brass finish. | | |
| | | *For Brushed Chrome Finish, Add* | *10.50* | |
| **08 71 11 00-2377** | | **Surface Mounted Deadlatches** *(08 71 11 00-2231)* | | |
| 08 71 11 00-2378 | EA | Single Cylinder Surface Mounted Deadlatch | 102.51 | 21.47 |
| | | Note: Key one side, knob one side, bright brass finish. | | |
| | | *For Brushed Chrome Finish, Add* | *10.50* | |
| 08 71 11 00-2379 | EA | Single Cylinder Surface Mounted Interlocking Deadlatch | 126.04 | 21.47 |
| | | Note: Jimmy proof, key one side, knob one side, bright brass finish. | | |
| | | *For Brushed Chrome Finish, Add* | *10.50* | |
| **08 71 11 00-2380** | | **Electric Strikes** *(08 71 11 00-2231)* | | |
| 08 71 11 00-2381 | EA | 12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100) | 305.56 | 42.94 |
| 08 71 11 00-2382 | EA | 12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111) | 950.08 | 42.94 |
| | | Note: For rim mounted lock | | |
| 08 71 11 00-2383 | EA | 12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112) | 906.47 | 42.94 |
| | | Note: For rim mounted lock | | |
| 08 71 11 00-2384 | EA | 24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211) | 692.18 | 42.94 |
| | | Note: For mortise or cylindrical locks | | |
| 08 71 11 00-2385 | EA | 24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212) | 954.73 | 42.94 |
| | | Note: For mortise or cylindrical locks | | |
| 08 71 11 00-2386 | EA | 24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213) | 935.81 | 42.94 |
| | | Note: For mortise or cylindrical locks | | |
| 08 71 11 00-2387 | EA | 24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214) | 1,023.12 | 42.94 |
| | | Note: For mortise or cylindrical locks | | |
| 08 71 11 00-2388 | EA | 24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215) | 950.87 | 42.94 |
| | | Note: For mortise or cylindrical locks | | |
| 08 71 11 00-2389 | EA | 12/24 Volt DC, 3,070 LB Static Strength, Stainless Steel Body, Dual Voltage Electric Strike (HES 1006) | 572.80 | 42.94 |
| 08 71 11 00-2390 | EA | 12/24 Volt DC, 3,000 LB Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500) | 569.27 | 42.94 |
| 08 71 11 00-2391 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Low Profile Electric Strike (HES 5000) | 265.25 | 42.94 |
| 08 71 11 00-2392 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Adjustable Electric Strike (HES 5200) | 265.25 | 42.94 |
| 08 71 11 00-2393 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000) | 347.83 | 42.94 |
| 08 71 11 00-2394 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500) | 639.88 | 42.94 |
| 08 71 11 00-2395 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000) | 303.50 | 42.94 |
| 08 71 11 00-2396 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300) | 585.94 | 42.94 |
| 08 71 11 00-2397 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body,Fire Rated Concealed Electric Strike (HES 8500) | 514.74 | 42.94 |
| 08 71 11 00-2398 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400) | 607.87 | 56.69 |
| 08 71 11 00-2399 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500) | 696.66 | 56.69 |
| 08 71 11 00-2400 | EA | 12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600) | 608.34 | 56.69 |
| **08 71 11 00-2401** | | **Electric Hardware** *(08 71 11 00-2231)* | | |
| 08 71 11 00-2402 | EA | Electrified Cylindrical Lock Option | 170.69 | |
| | | Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock. | | |
| 08 71 11 00-2403 | EA | Electrified Mortise Lock Option | 200.37 | |
| | | Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock. | | |
| 08 71 11 00-2404 | EA | 24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 99.02 | 21.47 |
| 08 71 11 00-2405 | EA | 1 Ampere At 12/24 Volt DC, Door Hardware Power Supply | 335.40 | 21.47 |
| 08 71 11 00-2406 | EA | 3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply | 597.78 | 21.47 |
| 08 71 11 00-2407 | EA | 4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply | 927.23 | 21.47 |
| 08 71 11 00-2408 | EA | 6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply | 1,025.73 | 21.47 |
| 08 71 11 00-2409 | EA | 9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply | 1,228.74 | 21.47 |
| 08 71 11 00-2410 | EA | 15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply | 1,494.99 | 21.47 |
| 08 71 11 00-2411 | EA | 18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 81.74 | 21.47 |
| 08 71 11 00-2412 | EA | 24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 83.78 | 21.47 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2413 | EA | 30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 96.28 | 21.47 |
| 08 71 11 00-2414 | EA | 45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 98.76 | 21.47 |
| 08 71 11 00-2415 | EA | 60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 100.03 | 21.47 |
| 08 71 11 00-2416 | EA | 72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 107.20 | 21.47 |
| 08 71 11 00-2417 | EA | 12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 83.03 | 21.47 |
| 08 71 11 00-2418 | EA | 18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 93.06 | 21.47 |
| 08 71 11 00-2419 | EA | 36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 100.99 | 21.47 |
| 08 71 11 00-2420 | EA | 49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 114.71 | 21.47 |
| 08 71 11 00-2421 | EA | 60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 118.52 | 21.47 |
| 08 71 11 00-2422 | EA | 12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 95.56 | 21.47 |
| 08 71 11 00-2423 | EA | 18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop | 109.60 | 21.47 |
| 08 71 11 00-2424 | EA | 18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 62.23 | 21.47 |
| 08 71 11 00-2425 | EA | 24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 73.08 | 21.47 |
| 08 71 11 00-2426 | EA | 30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 78.83 | 21.47 |
| 08 71 11 00-2427 | EA | 36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 84.97 | 21.47 |
| 08 71 11 00-2428 | EA | 60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 116.94 | 21.47 |
| 08 71 11 00-2429 | EA | 72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 130.30 | 21.47 |
| 08 71 11 00-2430 | EA | 12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 66.66 | 21.47 |
| 08 71 11 00-2431 | EA | 18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 70.85 | 21.47 |
| 08 71 11 00-2432 | EA | 24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 83.32 | 21.47 |
| 08 71 11 00-2433 | EA | 36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 103.15 | 21.47 |
| 08 71 11 00-2434 | EA | 48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 120.89 | 21.47 |
| 08 71 11 00-2435 | EA | 60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 150.03 | 21.47 |
| 08 71 11 00-2436 | EA | 12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 73.64 | 21.47 |
| 08 71 11 00-2437 | EA | 18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop | 80.06 | 21.47 |
| 08 71 11 00-2438 | EA | Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer | 635.93 | 21.47 |
| 08 71 11 00-2439 | EA | Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer | 688.08 | 30.06 |

## 08 71 11 00-2440 Magnetic Locks *(08 71 11 00-2231)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2441 | EA | Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40) | 696.12 | 103.06 |
| 08 71 11 00-2442 | EA | Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ) | 841.33 | 115.95 |
| 08 71 11 00-2443 | EA | Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70) | 828.02 | 103.06 |
| 08 71 11 00-2444 | EA | Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ) | 972.97 | 115.95 |
| 08 71 11 00-2445 | EA | Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420) | 863.61 | 111.66 |
| 08 71 11 00-2446 | EA | Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450) | 954.08 | 111.66 |
| 08 71 11 00-2447 | EA | Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490) | 1,024.50 | 111.66 |
| 08 71 11 00-2448 | EA | Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P)<br>Note: Includes magnetic bond sensor, door position switch and relock time delay. | 1,120.61 | 128.83 |
| 08 71 11 00-2449 | EA | Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P)<br>Note: Includes magnetic bond sensor, door position switch and relock time delay. | 1,240.87 | 128.83 |
| 08 71 11 00-2450 | EA | Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P)<br>Note: Includes magnetic bond sensor, door position switch and relock time delay. | 1,295.04 | 128.83 |
| 08 71 11 00-2451 | EA | 2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902) | 384.51 | 42.94 |
| 08 71 11 00-2452 | EA | 4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904) | 654.69 | 42.94 |
| 08 71 11 00-2453 | EA | 6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906) | 795.10 | 42.94 |

## 08 71 11 00-2454 Door Coordinators *(08 71 11)*

| | | | | |
|---|---|---|---|---|
| 08 71 11 00-2455 | EA | 32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series)<br>Note: Satin chrome finish. Includes two mounting brackets. | 433.04 | 26.84 |
| | | *For Anodized Aluminum Finish, Deduct* | *-130.27* | |
| 08 71 11 00-2456 | EA | 42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series)<br>Note: Satin chrome finish. Includes two mounting brackets. | 455.13 | 27.91 |
| | | *For Anodized Aluminum Finish, Deduct* | *-137.39* | |
| 08 71 11 00-2457 | EA | 52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series)<br>Note: Satin chrome finish. Includes two mounting brackets. | 465.42 | 28.99 |
| | | *For Anodized Aluminum Finish, Deduct* | *-139.79* | |
| 08 71 11 00-2458 | EA | 60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series)<br>Note: Satin chrome finish. Includes two mounting brackets. | 485.92 | 30.06 |
| | | *For Anodized Aluminum Finish, Deduct* | *-146.27* | |
| 08 71 11 00-2459 | EA | 72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series)<br>Note: Satin chrome finish. Includes two mounting brackets. | 522.36 | 31.14 |
| | | *For Anodized Aluminum Finish, Deduct* | *-159.13* | |
| 08 71 11 00-2460 | EA | Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20") | 99.04 | 8.59 |
| | | *For Anodized Aluminum Finish, Deduct* | *-25.87* | |
| 08 71 11 00-2461 | EA | Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32") | 108.81 | 9.67 |
| | | *For Anodized Aluminum Finish, Deduct* | *-28.06* | |
| 08 71 11 00-2462 | EA | Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44") | 125.48 | 10.74 |
| | | *For Anodized Aluminum Finish, Deduct* | *-33.02* | |
| 08 71 11 00-2463 | EA | Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1) | 88.92 | 10.74 |
| 08 71 11 00-2464 | EA | 7" Projection COR Series Gravity Type Door Coordinator | 131.12 | 16.10 |
| | | *For Anodized Aluminum Finish, Deduct* | *-26.68* | |
| 08 71 11 00-2465 | EA | 9" Projection COR Series Gravity Type Door Coordinator | 141.80 | 16.10 |
| | | *For Anodized Aluminum Finish, Deduct* | *-30.95* | |

## 08 71 11 00-2466 Removal And Reinstallation Of Door Hardware *(08 71 11)*

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.

| | | | |
|---|---|---|---|
| 08 71 11 00-2467 | EA | Removal And Reinstallation Of Door Lockset, Entrance | 64.42 |
| 08 71 11 00-2468 | EA | Removal And Reinstallation Of Door Lockset, Mortise | 103.06 |
| 08 71 11 00-2469 | EA | Removal And Reinstallation Of Deadbolt Lock | 68.72 |
| 08 71 11 00-2470 | PR | Removal And Reinstallation Of Butts/Hinges | 17.17 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 71 11 00-2471 | EA | Removal And Reinstallation Of Door Bumper | 6.01 | |
| 08 71 11 00-2472 | EA | Removal And Reinstallation Of Surface Mounted Panic Device | 171.78 | |
| 08 71 11 00-2473 | EA | Removal And Reinstallation Of Kick Plate | 21.47 | |
| 08 71 11 00-2474 | EA | Removal And Reinstallation Of Push Plate | 17.17 | |
| 08 71 11 00-2475 | EA | Removal And Reinstallation Of Surface Mounted Door Closer Or Holder | 85.89 | |
| 08 71 11 00-2476 | EA | Removal And Reinstallation Of Door Handles | 12.89 | |
| 08 71 11 00-2477 | | Electromagnetic Door Release *(08 71 11)* | | |
| 08 71 11 00-2478 | EA | 120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release | 487.13 | 54.11 |
| 08 71 11 00-2479 | EA | 120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release | 473.86 | 54.11 |
| 08 71 11 00-2480 | EA | 120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release | 540.76 | 54.11 |
| 08 71 11 00-2481 | EA | 24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release | 935.67 | 54.11 |
| 08 71 11 00-2482 | EA | 24 Volt DC, Sliding Door, Electro-Magnetic Door Release | 900.46 | 54.11 |
| 08 71 11 00-2483 | EA | 120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release | 900.46 | 54.11 |
| 08 71 11 00-2484 | EA | 120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release | 814.33 | 54.11 |
| 08 71 11 00-2485 | EA | 120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release | 1,032.09 | 54.11 |
| 08 71 11 00-2486 | EA | Photo Electric Smoke Detector Suitable For Door Holder Release | 969.90 | 54.11 |
| 08 71 11 00-2487 | EA | Ionization Type Smoke Detector Suitable For Door Holder Release | 1,214.87 | 54.11 |
| **08 71 53** | | **Security Door Hardware** *(08 71)* | | |
| 08 71 53 00-0001 | | Door Exit Alarm Hardware *(08 71 53)* | | |
| 08 71 53 00-0002 | EA | Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500) | 322.88 | 32.21 |
| 08 71 53 00-0003 | EA | Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W) | 453.50 | 32.21 |
| 08 71 53 00-0004 | EA | Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300)<br>Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable. | 378.67 | 32.21 |
| 08 71 53 00-0005 | EA | Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W)<br>Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable. | 494.19 | 32.21 |
| 08 71 53 00-0006 | EA | Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500) | 571.13 | 42.94 |
| 08 71 53 00-0007 | EA | Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S)<br>Note: For use with Detex EAX exit alarms. | 98.96 | 42.94 |
| 08 72 | | Weatherstripping, Thresholds and Seals *(08 70)* | | |
| **08 72 33** | | **Weatherstripping and Seals** *(08 72)* | | |
| 08 72 33 00-0001 | | Weather-Stripping And Seals *(08 72 33)* | | |
| 08 72 33 00-0002 | | Astragals *(08 72 33 00-0001)*<br>Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors. | | |
| 08 72 33 00-0003 | | Adhesive Backed Astragals *(08 72 33 00-0002)* | | |
| 08 72 33 00-0004 | LF | 7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771) | 3.97 | 0.65 |
| 08 72 33 00-0005 | LF | 1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772) | 4.44 | 0.65 |
| 08 72 33 00-0006 | LF | 1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110) | 3.36 | 0.65 |
| 08 72 33 00-0007 | | Overlapping Astragals *(08 72 33 00-0002)* | | |
| 08 72 33 00-0008 | | Aluminum, Overlapping Astragals *(08 72 33 00-0007)* | | |
| 08 72 33 00-0009 | LF | 2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C) | 15.53 | 3.86 |
| | | *For Color Anodized Finish, Add* | *2.37* | |
| 08 72 33 00-0010 | | Stainless Steel, Overlapping Astragals *(08 72 33 00-0007)* | | |
| 08 72 33 00-0011 | LF | 2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS) | 32.34 | 3.86 |
| 08 72 33 00-0012 | | "T" Astragals *(08 72 33 00-0002)* | | |
| 08 72 33 00-0013 | | Aluminum, "T" Astragals *(08 72 33 00-0012)* | | |
| 08 72 33 00-0014 | LF | 1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A) | 9.76 | 3.86 |
| | | *For Color Anodized Finish, Add* | *0.74* | |
| 08 72 33 00-0015 | LF | Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV) | 12.53 | 3.86 |
| | | *For Color Anodized Finish, Add* | *0.98* | |
| 08 72 33 00-0016 | LF | Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP) | 12.96 | 3.86 |
| | | *For Color Anodized Finish, Add* | *1.86* | |
| | | *For Silicone Insert, Add* | *0.63* | |
| 08 72 33 00-0017 | LF | Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR) | 24.81 | 3.86 |
| | | *For Color Anodized Finish, Add* | *6.01* | |
| 08 72 33 00-0018 | | Brass/Bronze, "T" Astragals *(08 72 33 00-0012)* | | |
| 08 72 33 00-0019 | LF | Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP) | 74.91 | 3.86 |
| | | *For Silicone Insert, Add* | *0.63* | |
| 08 72 33 00-0020 | | Locking Astragals *(08 72 33 00-0002)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 33 00-0021 | | **Outswing Locking Astragals** *(08 72 33 00-0020)*<br>Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf. | | |
| 08 72 33 00-0022 | | **Aluminum, Outswing Locking Astragals** *(08 72 33 00-0021)* | | |
| 08 72 33 00-0023 | LF | Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS)<br>Note: Includes pile seal at inner door edge and neoprene bottom seal. | 33.54 | 3.86 |
| | | *For Color Anodized Finish, Add* | *5.18* | |
| 08 72 33 00-0024 | LF | Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS)<br>Note: Includes pile seal at inner door edge and neoprene bottom seal. | 39.09 | 3.86 |
| | | *For Color Anodized Finish, Add* | *6.29* | |
| 08 72 33 00-0025 | LF | Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ)<br>Note: Includes pile seal at inner door edge and kerf-in foam bottom seal. | 37.74 | 3.86 |
| | | *For Thermal Break, Add* | *1.81* | |
| 08 72 33 00-0026 | LF | Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ)<br>Note: Includes pile seal at inner door edge and kerf-in foam bottom seal. | 42.25 | 3.86 |
| | | *For Thermal Break, Add* | *2.08* | |
| 08 72 33 00-0027 | | **Inswing Locking Astragals** *(08 72 33 00-0020)*<br>Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf. | | |
| 08 72 33 00-0028 | | **Wood, Inswing Locking Astragals** *(08 72 33 00-0027)* | | |
| 08 72 33 00-0029 | LF | Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832) | 39.43 | 3.86 |
| 08 72 33 00-0030 | LF | Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q)<br>Note: Includes kerf-in foam seal. | 39.23 | 3.86 |
| 08 72 33 00-0031 | | **Aluminum, Inswing Locking Astragals** *(08 72 33 00-0027)* | | |
| 08 72 33 00-0032 | LF | Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV)<br>Note: Includes pile seal at inner door edge and neoprene bottom seal. | 21.90 | 3.86 |
| | | *For Silicone Insert, Add* | *0.63* | |
| | | *For Color Anodized Finish, Add* | *2.85* | |
| 08 72 33 00-0033 | LF | Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV)<br>Note: Includes pile seal at inner door edge and neoprene bottom seal. | 26.54 | 3.86 |
| | | *For Silicone Insert, Add* | *0.63* | |
| | | *For Color Anodized Finish, Add* | *3.78* | |
| 08 72 33 00-0034 | LF | Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ)<br>Note: Includes pile seal at inner door edge and kerf-in foam bottom seal. | 23.66 | 3.86 |
| | | *For Magnetic Kerf-In Insert, Add* | *0.47* | |
| | | *For Color Anodized Finish, Add* | *3.20* | |
| 08 72 33 00-0035 | LF | Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ)<br>Note: Includes pile seal at inner door edge and kerf-in foam bottom seal. | 28.26 | 3.86 |
| | | *For Magnetic Kerf-In Insert, Add* | *0.47* | |
| | | *For Color Anodized Finish, Add* | *4.12* | |
| 08 72 33 00-0036 | | **Security Astragals** *(08 72 33 00-0002)* | | |
| 08 72 33 00-0037 | LF | Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C) | 20.36 | 3.86 |
| | | *For Color Anodized Finish, Add* | *12.72* | |
| 08 72 33 00-0038 | LF | 2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP) | 34.96 | 3.86 |
| 08 72 33 00-0039 | | **Meeting Stile Astragals** *(08 72 33 00-0002)* | | |
| 08 72 33 00-0040 | | **One Piece, Meeting Stile Astragals** *(08 72 33 00-0039)*<br>Note: Includes an astragal for one door only. | | |
| 08 72 33 00-0041 | LF | 1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP) | 12.37 | 3.86 |
| | | *For Color Anodized Finish, Add* | *1.42* | |
| 08 72 33 00-0042 | LF | 1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN) | 19.36 | 5.75 |
| | | *For Color Anodized Finish, Add* | *3.16* | |
| 08 72 33 00-0043 | LF | 9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN) | 26.22 | 5.75 |
| | | *For Color Anodized Finish, Add* | *1.48* | |
| 08 72 33 00-0044 | LF | 15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN) | 27.10 | 5.75 |
| | | *For Color Anodized Finish, Add* | *3.91* | |
| 08 72 33 00-0045 | LF | 1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71) | 41.81 | 5.75 |
| 08 72 33 00-0046 | | **Two Piece, Meeting Stile Split Astragals** *(08 72 33 00-0039)*<br>Note: Includes one astragal for each door. | | |
| 08 72 33 00-0047 | LF | 1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV) | 15.10 | 5.75 |
| | | *For Silicone Insert, Add* | *0.95* | |
| | | *For Color Anodized Finish, Add* | *3.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 33 00-0048 | LF | 1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV) | 15.10 | 5.75 |
| | | *For Color Anodized Finish, Add* | *3.63* | |
| 08 72 33 00-0049 | LF | 1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV) | 15.10 | 5.75 |
| | | *For Silicone Insert, Add* | *0.95* | |
| | | *For Color Anodized Finish, Add* | *3.63* | |
| 08 72 33 00-0050 | LF | 3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN) | 24.72 | 5.75 |
| | | *For Silicone Insert, Add* | *0.63* | |
| | | *For Color Anodized Finish, Add* | *2.65* | |
| 08 72 33 00-0051 | LF | 3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB) | 19.99 | 5.75 |
| | | *For Color Anodized Finish, Add* | *3.41* | |
| 08 72 33 00-0052 | LF | 5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB) | 20.62 | 5.75 |
| | | *For Color Anodized Finish, Add* | *3.66* | |
| 08 72 33 00-0053 | LF | 3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV) | 25.35 | 5.75 |
| | | *For Color Anodized Finish, Add* | *6.94* | |
| | | *For Silicone Insert, Add* | *0.95* | |
| 08 72 33 00-0054 | LF | 3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB) | 25.98 | 5.75 |
| | | *For Color Anodized Finish, Add* | *5.80* | |
| 08 72 33 00-0055 | LF | 5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB) | 26.61 | 5.75 |
| | | *For Color Anodized Finish, Add* | *6.06* | |

### 08 72 33 00-0056 Two Piece, Adjustable Meeting Stile Split Astragals *(08 72 33 00-0039)*

Note: Includes one astragal for each door.

### 08 72 33 00-0057 Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0058 | LF | 3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP) | 49.01 | 5.75 |
| | | *For Color Anodized Finish, Add* | *9.39* | |
| | | *For Silicone Insert, Add* | *0.63* | |
| 08 72 33 00-0059 | LF | 3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP) | 50.00 | 5.75 |
| | | *For Silicone Insert, Add* | *0.63* | |
| | | *For Color Anodized Finish, Add* | *7.71* | |

### 08 72 33 00-0060 Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0061 | LF | 3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP) | 239.31 | 5.75 |
| | | *For Silicone Insert, Add* | *0.63* | |
| 08 72 33 00-0062 | LF | 3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP) | 223.37 | 5.75 |
| | | *For Silicone Insert, Add* | *0.63* | |

### 08 72 33 00-0063 Door Sweeps *(08 72 33 00-0001)*

### 08 72 33 00-0064 Tack On Door Sweeps *(08 72 33 00-0063)*

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0065 | LF | For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365) | 5.41 | 2.15 |
| 08 72 33 00-0066 | LF | For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364) | 5.51 | 2.15 |
| 08 72 33 00-0067 | LF | For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V) | 5.78 | 2.15 |

### 08 72 33 00-0068 Aluminum Retainer Door Sweeps *(08 72 33 00-0063)*

### 08 72 33 00-0069 35 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0070 | LF | 5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB) | 13.15 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.83* | |
| 08 72 33 00-0071 | LF | 1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB) | 13.63 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.77* | |

### 08 72 33 00-0072 45 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0073 | LF | 1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB) | 21.20 | 4.30 |
| | | *For Color Anodized Finish, Add* | *5.05* | |
| 08 72 33 00-0074 | LF | 2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB) | 23.09 | 4.30 |
| | | *For Color Anodized Finish, Add* | *5.80* | |
| 08 72 33 00-0075 | LF | 4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB) | 27.19 | 4.30 |
| | | *For Color Anodized Finish, Add* | *7.44* | |

### 08 72 33 00-0076 90 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 33 00-0077 | LF | 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB) | 14.73 | 4.30 |
| | | *For Color Anodized Finish, Add* | *0.62* | |
| 08 72 33 00-0078 | LF | 5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB) | 14.57 | 4.30 |
| | | *For Color Anodized Finish, Add* | *0.60* | |
| 08 72 33 00-0079 | LF | 1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB) | 15.68 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.49* | |
| 08 72 33 00-0080 | LF | 1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB) | 16.15 | 4.30 |
| | | *For Color Anodized Finish, Add* | *3.03* | |
| 08 72 33 00-0081 | LF | 7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN) | 14.26 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.42* | |
| 08 72 33 00-0082 | LF | 11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN) | 18.67 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.02* | |
| 08 72 33 00-0083 | LF | 15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN) | 15.20 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.32* | |
| 08 72 33 00-0084 | LF | 9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV)<br>Note: Includes mill finish. | 11.06 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.24* | |
| 08 72 33 00-0085 | LF | 1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV)<br>Note: Includes mill finish. | 11.18 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.30* | |
| 08 72 33 00-0086 | LF | 1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV)<br>Note: Includes mill finish. | 12.52 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.38* | |

### 08 72 33 00-0087 180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.

### 08 72 33 00-0088 180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0089 | LF | 3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB) | 12.84 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.70* | |
| 08 72 33 00-0090 | LF | 5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB) | 13.15 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.83* | |
| 08 72 33 00-0091 | LF | 1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB) | 15.68 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.49* | |

### 08 72 33 00-0092 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0093 | LF | 3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB) | 15.83 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.90* | |
| 08 72 33 00-0094 | LF | 5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB) | 16.15 | 4.30 |
| | | *For Color Anodized Finish, Add* | *3.03* | |
| 08 72 33 00-0095 | LF | 1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB) | 17.48 | 4.30 |
| | | *For Color Anodized Finish, Add* | *3.56* | |

### 08 72 33 00-0096 Mortised, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0097 | LF | 1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB) | 11.42 | 4.30 |
| 08 72 33 00-0098 | LF | 13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB) | 11.42 | 4.30 |
| 08 72 33 00-0099 | LF | 5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB) | 11.58 | 4.30 |

### 08 72 33 00-0100 Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0063)*

### 08 72 33 00-0101 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0100)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0102 | LF | 1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV) | 11.10 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.76* | |
| 08 72 33 00-0103 | LF | 1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV) | 13.15 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.83* | |
| 08 72 33 00-0104 | LF | 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB)<br>Note: Includes clear anodized finish. | 14.69 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.22* | |
| 08 72 33 00-0105 | LF | 7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB) | 14.97 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.28* | |

### 08 72 33 00-0106 Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0063)*

### 08 72 33 00-0107 90 Degree, Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0106)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0108 | LF | 7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN) | 18.04 | 4.30 |

### 08 72 33 00-0109 Oak Retainer Door Sweeps *(08 72 33 00-0063)*

### 08 72 33 00-0110 90 Degree, Oak Retainer Door Sweeps *(08 72 33 00-0109)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.

| | | | | |
|---|---|---|---|---|
| 08 72 33 00-0111 | LF | 9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB) | 14.42 | 4.30 |
| 08 72 33 00-0112 | LF | 15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB) | 16.90 | 4.30 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 33 00-0113 | | Door Shoes And Bottoms *(08 72 33 00-0001)* | | |
| 08 72 33 00-0114 | | Door Shoes *(08 72 33 00-0113)* | | |
| 08 72 33 00-0115 | | Aluminum Retainer Door Shoes *(08 72 33 00-0114)* | | |
| 08 72 33 00-0116 | | Bottom Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0115)* | | |
| 08 72 33 00-0117 | LF | Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV) | 12.37 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.52* | |
| | | *For Thermo-Plastic Elastomer Insert, Add* | *0.68* | |
| 08 72 33 00-0118 | LF | Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV) | 12.84 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.70* | |
| 08 72 33 00-0119 | LF | Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV) | 17.41 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.77* | |
| 08 72 33 00-0120 | | Side Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0115)* | | |
| 08 72 33 00-0121 | LF | Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV) | 14.42 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.34* | |
| | | *For Thermo-Plastic Elastomer Insert, Add* | *0.68* | |
| 08 72 33 00-0122 | | L Or U Shaped, Aluminum Retainer Door Shoes *(08 72 33 00-0115)* | | |
| 08 72 33 00-0123 | LF | Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV) | 13.15 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.29* | |
| | | *For Thermo-Plastic Elastomer Insert, Add* | *0.42* | |
| 08 72 33 00-0124 | LF | Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV) | 14.10 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.21* | |
| | | *For Thermo-Plastic Elastomer Insert, Add* | *0.42* | |
| 08 72 33 00-0125 | LF | Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV) | 14.42 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.34* | |
| | | *For Thermo-Plastic Elastomer Insert, Add* | *0.42* | |
| 08 72 33 00-0126 | LF | Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV) | 20.83 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.45* | |
| 08 72 33 00-0127 | LF | Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV) | 21.14 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.51* | |
| 08 72 33 00-0128 | | L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes *(08 72 33 00-0115)* | | |
| 08 72 33 00-0129 | LF | Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV) | 13.47 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.45* | |
| | | *For Thermo-Plastic Elastomer Insert, Add* | *0.42* | |
| 08 72 33 00-0130 | LF | Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV) | 14.42 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.34* | |
| | | *For Thermo-Plastic Elastomer Insert, Add* | *0.42* | |
| 08 72 33 00-0131 | LF | Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV) | 14.57 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.40* | |
| | | *For Thermo-Plastic Elastomer Insert, Add* | *0.42* | |
| 08 72 33 00-0132 | | Vinyl Door Shoes *(08 72 33 00-0114)* | | |
| 08 72 33 00-0133 | LF | 1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80) | 16.55 | 4.30 |
| 08 72 33 00-0134 | LF | 1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV) | 20.15 | 4.30 |
| 08 72 33 00-0135 | | Door Bottoms *(08 72 33 00-0113)* | | |
| 08 72 33 00-0136 | | Automatic Door Bottoms *(08 72 33 00-0135)* | | |
| 08 72 33 00-0137 | | Aluminum Automatic Door Bottoms *(08 72 33 00-0136)* | | |
| 08 72 33 00-0138 | LF | Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL) | 29.35 | 4.30 |
| | | *For Color Anodized Finish, Add* | *4.15* | |
| 08 72 33 00-0139 | LF | Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL) | 42.35 | 4.30 |
| | | *For Color Anodized Finish, Add* | *6.75* | |
| 08 72 33 00-0140 | | Door Top Protection *(08 72 33 00-0001)* | | |
| 08 72 33 00-0141 | LF | Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343) | 10.33 | 3.43 |
| | | *For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add* | *0.95* | |
| 08 72 33 00-0142 | LF | Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344) | 10.33 | 3.43 |
| | | *For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add* | *0.95* | |
| 08 72 33 00-0143 | LF | 2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C) | 16.53 | 3.43 |
| | | *For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add* | *2.65* | |
| 08 72 33 00-0144 | EA | For 20 Oz Copper Drip Cap For Exterior Door | 67.91 | |
| 08 72 33 00-0145 | | Perimeter Gasketing Weather-Strip *(08 72 33 00-0001)* | | |
| | | Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly. | | |
| 08 72 33 00-0146 | | Adhesive Backed Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* | | |
| 08 72 33 00-0147 | LF | 3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33) | 3.27 | 2.15 |
| | | *For Intumescent Seal, Add* | *1.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 33 00-0148 | LF | 1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55) | 3.31 | 2.15 |
| | | *For Intumescent Seal, Add* | *1.50* | |
| 08 72 33 00-0149 | LF | 1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88) | 4.83 | 2.15 |
| 08 72 33 00-0150 | LF | 7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44) | 3.61 | 2.15 |
| 08 72 33 00-0151 | LF | 5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77) | 4.83 | 2.15 |
| | | *For Intumescent Seal, Add* | *1.50* | |
| 08 72 33 00-0152 | LF | 1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773) | 4.46 | 2.15 |
| | | *For Intumescent Seal, Add* | *1.50* | |
| 08 72 33 00-0153 | LF | 7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44) | 5.98 | 2.15 |
| 08 72 33 00-0154 | LF | 1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88) | 5.51 | 2.15 |
| 08 72 33 00-0155 | | Kerf-In Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* | | |
| 08 72 33 00-0156 | LF | 3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50) | 2.88 | 2.15 |
| 08 72 33 00-0157 | LF | 7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52) | 4.43 | 2.15 |
| 08 72 33 00-0158 | LF | 3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103) | 3.26 | 2.15 |
| 08 72 33 00-0159 | LF | 5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102) | 3.21 | 2.15 |
| 08 72 33 00-0160 | LF | 3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349) | 4.27 | 2.15 |
| 08 72 33 00-0161 | | Cushion/Spring Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* | | |
| 08 72 33 00-0162 | | Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0161)* | | |
| 08 72 33 00-0163 | LF | 1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C) | 8.65 | 2.15 |
| 08 72 33 00-0164 | LF | 1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D) | 8.65 | 2.15 |
| 08 72 33 00-0165 | LF | 1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E) | 9.52 | 2.15 |
| 08 72 33 00-0166 | LF | 1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F) | 9.70 | 2.15 |
| 08 72 33 00-0167 | | Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0161)* | | |
| 08 72 33 00-0168 | LF | 5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73) | 8.18 | 2.15 |
| 08 72 33 00-0169 | LF | 7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74) | 9.52 | 2.15 |
| 08 72 33 00-0170 | LF | 1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75) | 10.99 | 2.15 |
| 08 72 33 00-0171 | | Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* | | |
| 08 72 33 00-0172 | | Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)* | | |
| 08 72 33 00-0173 | LF | 1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV) | 6.11 | 2.15 |
| | | *For Silicone Insert, Add* | *0.95* | |
| | | *For Color Anodized Finish, Add* | *1.81* | |
| 08 72 33 00-0174 | LF | 1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV) | 6.11 | 2.15 |
| | | *For Silicone Insert, Add* | *0.95* | |
| | | *For Color Anodized Finish, Add* | *1.81* | |
| 08 72 33 00-0175 | LF | 1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV) | 6.11 | 2.15 |
| | | *For Silicone Insert, Add* | *0.95* | |
| | | *For Color Anodized Finish, Add* | *1.81* | |
| 08 72 33 00-0176 | LF | 3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN) | 10.92 | 2.15 |
| | | *For Silicone Insert, Add* | *0.63* | |
| | | *For Color Anodized Finish, Add* | *1.32* | |
| 08 72 33 00-0177 | LF | 3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV) | 11.24 | 2.15 |
| | | *For Color Anodized Finish, Add* | *3.47* | |
| | | *For Silicone Insert, Add* | *0.95* | |
| 08 72 33 00-0178 | LF | Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR) | 11.24 | 2.15 |
| | | *For Color Anodized Finish, Add* | *2.43* | |
| 08 72 33 00-0179 | | Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)* | | |
| 08 72 33 00-0180 | | Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)* | | |
| 08 72 33 00-0181 | LF | 1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV) | 10.69 | 2.15 |
| | | *For Silicone Insert, Add* | *0.95* | |
| 08 72 33 00-0182 | | Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)* | | |
| 08 72 33 00-0183 | LF | 1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV) | 11.94 | 2.15 |
| 08 72 33 00-0184 | | Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* | | |
| 08 72 33 00-0185 | | Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 33 00-0186 | LF | 3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR) | 30.41 | 2.15 |
| | | *For Silicone Insert, Add* | *1.58* | |
| 08 72 33 00-0187 | LF | Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR) | 53.81 | 2.15 |
| 08 72 33 00-0188 | | Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)* | | |
| 08 72 33 00-0189 | | Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)* | | |
| 08 72 33 00-0190 | LF | 1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV) | 46.03 | 2.15 |
| | | *For Silicone Insert, Add* | *0.63* | |
| 08 72 33 00-0191 | | Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* | | |
| 08 72 33 00-0192 | LF | Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A)<br>Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame. | 15.11 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.61* | |
| 08 72 33 00-0193 | LF | Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR)<br>Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame. | 15.66 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.83* | |
| 08 72 33 00-0194 | | Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*<br>Note: Seals gaps from 1/16" to 1/4". | | |
| 08 72 33 00-0195 | LF | Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR) | 19.85 | 2.15 |
| | | *For Color Anodized Finish, Add* | *3.11* | |
| 08 72 33 00-0196 | LF | Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR) | 20.95 | 2.15 |
| | | *For Color Anodized Finish, Add* | *3.33* | |
| **08 72 43** | | **Thresholds** *(08 72)* | | |
| 08 72 43 00-0001 | | Thresholds *(08 72 43)*<br>Note: Includes material, fasteners, installation, caulk and sealants. | | |
| 08 72 43 00-0002 | | Metal Thresholds *(08 72 43 00-0001)* | | |
| 08 72 43 00-0003 | | Saddle Thresholds *(08 72 43 00-0002)* | | |
| 08 72 43 00-0004 | | Aluminum Saddle Thresholds *(08 72 43 00-0003)*<br>Note: Includes mill finish. | | |
| 08 72 43 00-0005 | | 3/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)* | | |
| 08 72 43 00-0006 | LF | 2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A) | 23.15 | 6.87 |
| | | *For Color Anodized Finish, Add* | *2.40* | |
| 08 72 43 00-0007 | | 1/4" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)* | | |
| 08 72 43 00-0008 | LF | 3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A) | 25.83 | 6.87 |
| | | *For Color Anodized Finish, Add* | *3.47* | |
| 08 72 43 00-0009 | LF | 4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A) | 29.98 | 8.58 |
| | | *For Color Anodized Finish, Add* | *5.96* | |
| 08 72 43 00-0010 | LF | 5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A) | 32.99 | 8.58 |
| | | *For Color Anodized Finish, Add* | *5.77* | |
| 08 72 43 00-0011 | LF | 6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A) | 36.60 | 8.58 |
| | | *For Color Anodized Finish, Add* | *5.30* | |
| 08 72 43 00-0012 | LF | 7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A) | 41.96 | 8.58 |
| | | *For Color Anodized Finish, Add* | *5.13* | |
| 08 72 43 00-0013 | LF | 8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A) | 50.36 | 10.30 |
| | | *For Color Anodized Finish, Add* | *6.15* | |
| 08 72 43 00-0014 | LF | 9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A) | 53.99 | 10.30 |
| | | *For Color Anodized Finish, Add* | *7.06* | |
| 08 72 43 00-0015 | LF | 10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A) | 59.77 | 10.30 |
| | | *For Color Anodized Finish, Add* | *8.50* | |
| 08 72 43 00-0016 | | 5/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)* | | |
| 08 72 43 00-0017 | LF | 2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A) | 25.37 | 6.87 |
| | | *For Color Anodized Finish, Add* | *2.87* | |
| 08 72 43 00-0018 | | 1/2" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)* | | |
| 08 72 43 00-0019 | LF | 3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A) | 25.53 | 6.87 |
| | | *For Color Anodized Finish, Add* | *4.18* | |
| 08 72 43 00-0020 | LF | 4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A) | 31.24 | 8.58 |
| | | *For Color Anodized Finish, Add* | *6.85* | |
| 08 72 43 00-0021 | LF | 5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A) | 34.31 | 8.58 |
| | | *For Color Anodized Finish, Add* | *6.43* | |


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|---|---|---|---|---|
| 08 72 43 00-0022 | LF | 6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A) | 36.92 | 8.58 |
| | | *For Color Anodized Finish, Add* | *5.41* | |
| 08 72 43 00-0023 | LF | 7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A) | 41.96 | 8.58 |
| | | *For Color Anodized Finish, Add* | *5.13* | |
| 08 72 43 00-0024 | LF | 8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A) | 52.26 | 10.30 |
| | | *For Color Anodized Finish, Add* | *9.28* | |
| 08 72 43 00-0025 | LF | 9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A) | 55.57 | 10.30 |
| | | *For Color Anodized Finish, Add* | *11.92* | |
| 08 72 43 00-0026 | LF | 10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A) | 58.88 | 10.30 |
| | | *For Color Anodized Finish, Add* | *13.25* | |
| 08 72 43 00-0027 | | Brass/Bronze Saddle Thresholds *(08 72 43 00-0003)* | | |
| 08 72 43 00-0028 | | 3/16" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)* | | |
| 08 72 43 00-0029 | LF | 2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B) | 88.20 | 6.87 |
| 08 72 43 00-0030 | | 1/4" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)* | | |
| 08 72 43 00-0031 | LF | 3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B) | 142.52 | 6.87 |
| 08 72 43 00-0032 | LF | 4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B) | 171.88 | 8.58 |
| 08 72 43 00-0033 | LF | 5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B) | 209.48 | 8.58 |
| 08 72 43 00-0034 | LF | 6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B) | 246.05 | 8.58 |
| 08 72 43 00-0035 | LF | 7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B) | 287.83 | 8.58 |
| 08 72 43 00-0036 | LF | 8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B) | 370.47 | 10.30 |
| 08 72 43 00-0037 | | 1/2" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)* | | |
| 08 72 43 00-0038 | LF | 4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B) | 188.59 | 8.58 |
| 08 72 43 00-0039 | LF | 5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B) | 230.38 | 8.58 |
| 08 72 43 00-0040 | LF | 6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B) | 272.16 | 8.58 |
| 08 72 43 00-0041 | LF | 7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B) | 324.39 | 8.58 |
| 08 72 43 00-0042 | LF | 8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B) | 462.74 | 10.30 |
| 08 72 43 00-0043 | LF | 10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B) | 438.79 | 10.30 |
| 08 72 43 00-0044 | | Stainless Steel Saddle Thresholds *(08 72 43 00-0003)* | | |
| 08 72 43 00-0045 | | 1/2" Height, Stainless Steel Saddle Thresholds *(08 72 43 00-0044)* | | |
| 08 72 43 00-0046 | LF | 4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS) | 157.26 | 8.58 |
| 08 72 43 00-0047 | LF | 5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS) | 167.70 | 8.58 |
| 08 72 43 00-0048 | | Half Saddle Thresholds *(08 72 43 00-0002)* | | |
| 08 72 43 00-0049 | | Aluminum Half Saddle Thresholds *(08 72 43 00-0048)*<br>Note: Includes mill finish. | | |
| 08 72 43 00-0050 | | 3/4" Height, Aluminum Half Saddle Thresholds *(08 72 43 00-0049)* | | |
| 08 72 43 00-0051 | LF | 5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A) | 37.28 | 8.58 |
| | | *For Color Anodized Finish, Add* | *6.33* | |
| 08 72 43 00-0052 | LF | 7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A) | 48.74 | 8.58 |
| | | *For Color Anodized Finish, Add* | *2.73* | |
| 08 72 43 00-0053 | | Offset Saddle Thresholds *(08 72 43 00-0002)* | | |
| 08 72 43 00-0054 | | Aluminum Offset Saddle Thresholds *(08 72 43 00-0053)*<br>Note: Includes mill finish. | | |
| 08 72 43 00-0055 | | 1/2" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)* | | |
| 08 72 43 00-0056 | LF | 5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A) | 37.39 | 8.58 |
| | | *For Color Anodized Finish, Add* | *7.97* | |
| 08 72 43 00-0057 | LF | 7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A) | 41.49 | 8.58 |
| | | *For Color Anodized Finish, Add* | *7.01* | |
| 08 72 43 00-0058 | | 3/4" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)* | | |
| 08 72 43 00-0059 | LF | 5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A) | 37.39 | 8.58 |
| | | *For Color Anodized Finish, Add* | *7.97* | |
| 08 72 43 00-0060 | | 1" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)* | | |
| 08 72 43 00-0061 | LF | 7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A) | 43.07 | 8.58 |
| | | *For Color Anodized Finish, Add* | *7.56* | |
| 08 72 43 00-0062 | | Modular Ramp Thresholds *(08 72 43 00-0001)*<br>Note: Includes mill finish. | | |
| 08 72 43 00-0063 | | Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)* | | |
| 08 72 43 00-0064 | LF | 6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA) | 40.01 | 8.58 |
| | | *For Non-Slip Surfacing, Add* | *68.55* | |
| 08 72 43 00-0065 | LF | 9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA) | 50.18 | 9.44 |
| | | *For Non-Slip Surfacing, Add* | *87.61* | |

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|---|---|---|---|---|
| 08 72 43 00-0066 | LF | 12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA) | 64.03 | 10.73 |
| | | *For Non-Slip Surfacing, Add* | *119.20* | |
| 08 72 43 00-0067 | LF | 15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA) | 81.83 | 11.16 |
| | | *For Non-Slip Surfacing, Add* | *160.68* | |
| 08 72 43 00-0068 | LF | 18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA) | 95.41 | 12.02 |
| | | *For Non-Slip Surfacing, Add* | *214.14* | |
| 08 72 43 00-0069 | LF | 21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA) | 118.47 | 13.30 |
| | | *For Non-Slip Surfacing, Add* | *238.84* | |
| 08 72 43 00-0070 | LF | 24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA) | 132.18 | 14.59 |
| | | *For Non-Slip Surfacing, Add* | *267.77* | |
| 08 72 43 00-0071 | LF | 28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA) | 140.20 | 15.45 |
| | | *For Non-Slip Surfacing, Add* | *273.25* | |

### 08 72 43 00-0072 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*

| | | | | |
|---|---|---|---|---|
| 08 72 43 00-0073 | LF | 12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA) | 68.39 | 10.73 |
| | | *For Non-Slip Surfacing, Add* | *126.71* | |
| 08 72 43 00-0074 | LF | 15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA) | 80.53 | 11.16 |
| | | *For Non-Slip Surfacing, Add* | *157.17* | |
| 08 72 43 00-0075 | LF | 18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA) | 100.91 | 12.88 |
| | | *For Non-Slip Surfacing, Add* | *195.39* | |
| 08 72 43 00-0076 | LF | 22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA) | 118.83 | 13.74 |
| | | *For Non-Slip Surfacing, Add* | *237.54* | |
| 08 72 43 00-0077 | LF | 25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA) | 136.69 | 14.59 |
| | | *For Non-Slip Surfacing, Add* | *279.50* | |
| 08 72 43 00-0078 | LF | 28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA) | 149.53 | 15.45 |
| | | *For Non-Slip Surfacing, Add* | *308.44* | |
| 08 72 43 00-0079 | LF | 31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA) | 183.66 | 16.31 |
| | | *For Non-Slip Surfacing, Add* | *392.70* | |

### 08 72 43 00-0080 7" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*

| | | | | |
|---|---|---|---|---|
| 08 72 43 00-0081 | LF | 16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA) | 79.26 | 11.59 |
| | | *For Non-Slip Surfacing, Add* | *157.02* | |
| 08 72 43 00-0082 | LF | 19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA) | 93.12 | 12.88 |
| | | *For Non-Slip Surfacing, Add* | *188.61* | |
| 08 72 43 00-0083 | LF | 22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA) | 111.77 | 13.74 |
| | | *For Non-Slip Surfacing, Add* | *227.61* | |
| 08 72 43 00-0084 | LF | 25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA) | 125.36 | 14.59 |
| | | *For Non-Slip Surfacing, Add* | *259.66* | |
| 08 72 43 00-0085 | LF | 28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA) | 147.54 | 15.45 |
| | | *For Non-Slip Surfacing, Add* | *303.26* | |
| 08 72 43 00-0086 | LF | 31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA) | 160.39 | 16.31 |
| | | *For Non-Slip Surfacing, Add* | *332.20* | |
| 08 72 43 00-0087 | LF | 35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA) | 185.38 | 17.16 |
| | | *For Non-Slip Surfacing, Add* | *377.60* | |

### 08 72 43 00-0088 Accessories For Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*

### 08 72 43 00-0089 Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*

| | | | | |
|---|---|---|---|---|
| 08 72 43 00-0090 | PR | Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds | 191.00 | 10.73 |
| | | *For Non-Slip Surfacing, Add* | *20.34* | |
| 08 72 43 00-0091 | PR | >1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds | 294.83 | 10.73 |
| | | *For Non-Slip Surfacing, Add* | *32.80* | |
| 08 72 43 00-0092 | PR | >1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds | 584.67 | 15.03 |
| | | *For Non-Slip Surfacing, Add* | *66.56* | |

### 08 72 43 00-0093 Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*

| | | | | |
|---|---|---|---|---|
| 08 72 43 00-0094 | PR | Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds | 191.00 | 10.73 |
| | | *For Non-Slip Surfacing, Add* | *20.34* | |
| 08 72 43 00-0095 | PR | >1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds | 294.83 | 10.73 |
| | | *For Non-Slip Surfacing, Add* | *32.80* | |
| 08 72 43 00-0096 | PR | >1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds | 584.67 | 15.03 |
| | | *For Non-Slip Surfacing, Add* | *66.56* | |

### 08 72 43 00-0097 Latching Panic Exit Saddle Thresholds *(08 72 43 00-0001)*

Note: Includes vinyl or pile seal.

### 08 72 43 00-0098 Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*

Note: Includes mill finish.

### 08 72 43 00-0099 Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*

### 08 72 43 00-0100 7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*

| | | | | |
|---|---|---|---|---|
| 08 72 43 00-0101 | LF | 4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP) | 45.59 | 8.58 |
| | | *For Color Anodized Finish, Add* | *8.45* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0102 | LF | 5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP) | 37.55 | 8.58 |
| | | *For Color Anodized Finish, Add* | *8.05* | |
| | | *For Thermoseal, Add* | *0.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 43 00-0103 | LF | 6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP) | 50.64 | 8.58 |
| | | *For Color Anodized Finish, Add* | *10.21* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0104 | LF | 7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP) | 52.84 | 8.58 |
| | | *For Color Anodized Finish, Add* | *10.98* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0105 | | 1" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)* | | |
| 08 72 43 00-0106 | LF | 3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP) | 35.65 | 8.58 |
| | | *For Color Anodized Finish, Add* | *7.10* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0107 | LF | 5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP) | 37.86 | 8.58 |
| | | *For Color Anodized Finish, Add* | *8.20* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0108 | | Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)* | | |
| 08 72 43 00-0109 | | 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0108)* | | |
| 08 72 43 00-0110 | LF | 4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP) | 40.23 | 8.58 |
| | | *For Color Anodized Finish, Add* | *7.51* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0111 | LF | 5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP) | 42.28 | 8.58 |
| | | *For Color Anodized Finish, Add* | *8.33* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0112 | LF | 6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP) | 45.27 | 8.58 |
| | | *For Color Anodized Finish, Add* | *8.33* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0113 | LF | 7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP) | 48.67 | 8.58 |
| | | *For Color Anodized Finish, Add* | *9.52* | |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0114 | | Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)* | | |
| 08 72 43 00-0115 | | Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)* | | |
| 08 72 43 00-0116 | | 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)* | | |
| 08 72 43 00-0117 | LF | 4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV) | 274.25 | 8.58 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0118 | LF | 5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV) | 253.36 | 8.58 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0119 | LF | 6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV) | 370.35 | 8.58 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0120 | LF | 7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV) | 329.82 | 8.58 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0121 | | 1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)* | | |
| 08 72 43 00-0122 | LF | 5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV) | 269.65 | 8.58 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0123 | | Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)* | | |
| 08 72 43 00-0124 | | 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0123)* | | |
| 08 72 43 00-0125 | LF | 4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV) | 274.71 | 9.44 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0126 | LF | 5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV) | 289.13 | 9.44 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0127 | LF | 6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV) | 367.05 | 9.44 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0128 | LF | 7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV) | 331.54 | 9.87 |
| | | *For Thermoseal, Add* | *0.63* | |
| 08 72 43 00-0129 | | Carpet Separator Thresholds *(08 72 43 00-0001)* | | |
| 08 72 43 00-0130 | | Aluminum, Carpet Separator Thresholds *(08 72 43 00-0129)* Note: Includes mill finish. | | |
| 08 72 43 00-0131 | | 3/8" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)* | | |
| 08 72 43 00-0132 | LF | 2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C) | 26.78 | 6.87 |
| | | *For Color Anodized Finish, Add* | *3.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 72 43 00-0133** | | **7/16" Height, Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0130)* | | |
| 08 72 43 00-0134 | LF | 1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A) | 21.65 | 6.01 |
| | | *For Color Anodized Finish, Add* | *2.32* | |
| 08 72 43 00-0135 | LF | 4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A) | 33.29 | 6.87 |
| | | *For Color Anodized Finish, Add* | *4.73* | |
| 08 72 43 00-0136 | LF | 6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A) | 39.91 | 6.87 |
| | | *For Color Anodized Finish, Add* | *7.38* | |
| **08 72 43 00-0137** | | **1/2" Height, Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0130)* | | |
| 08 72 43 00-0138 | LF | 1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A) | 19.60 | 6.01 |
| | | *For Color Anodized Finish, Add* | *1.14* | |
| **08 72 43 00-0139** | | **3/4" Height, Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0130)* | | |
| 08 72 43 00-0140 | LF | 1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A) | 21.65 | 6.01 |
| | | *For Color Anodized Finish, Add* | *1.99* | |
| 08 72 43 00-0141 | LF | 3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A) | 33.76 | 8.58 |
| | | *For Color Anodized Finish, Add* | *4.92* | |
| 08 72 43 00-0142 | LF | 4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A) | 35.65 | 8.58 |
| | | *For Color Anodized Finish, Add* | *4.26* | |
| **08 72 43 00-0143** | | **Brass/Bronze, Carpet Separator Thresholds** *(08 72 43 00-0129)* | | |
| **08 72 43 00-0144** | | **3/8" Height, Brass/Bronze, Carpet Separator Thresholds** *(08 72 43 00-0143)* | | |
| 08 72 43 00-0145 | LF | 2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B) | 144.81 | 6.87 |
| **08 72 43 00-0146** | | **7/16" Height, Brass/Bronze, Carpet Separator Thresholds** *(08 72 43 00-0143)* | | |
| 08 72 43 00-0147 | LF | 1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B) | 196.00 | 6.01 |
| 08 72 43 00-0148 | LF | 4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B) | 172.92 | 8.58 |
| **08 72 43 00-0149** | | **Vinyl Transition Thresholds** *(08 72 43 00-0001)* | | |
| | | Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door. | | |
| **08 72 43 00-0150** | | **Carpet To Carpet, Vinyl Transition Thresholds** *(08 72 43 00-0149)* | | |
| | | Note: Serves as a transition where carpet meets carpet beneath a door. | | |
| 08 72 43 00-0151 | LF | 2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL) | 32.56 | 6.87 |
| **08 72 43 00-0152** | | **Carpet To Tile, Vinyl Transition Thresholds** *(08 72 43 00-0149)* | | |
| | | Note: Serves as a transition where carpet meets tile beneath a door. | | |
| 08 72 43 00-0153 | LF | 2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL) | 32.56 | 6.87 |
| **08 72 43 00-0154** | | **Carpet To Concrete, Vinyl Transition Thresholds** *(08 72 43 00-0149)* | | |
| | | Note: Serves as a transition where carpet meets concrete beneath a door. | | |
| 08 72 43 00-0155 | LF | 3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL) | 34.57 | 8.58 |
| **08 72 43 00-0156** | | **Carpet To VCT Tile, Vinyl Transition Thresholds** *(08 72 43 00-0149)* | | |
| | | Note: Serves as a transition where carpet meets VCT Tile beneath a door. | | |
| 08 72 43 00-0157 | LF | 3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL) | 37.13 | 8.58 |
| **08 72 43 00-0158** | | **Residential Thresholds** *(08 72 43 00-0001)* | | |
| **08 72 43 00-0159** | | **Wood Residential Thresholds** *(08 72 43 00-0158)* | | |
| 08 72 43 00-0160 | LF | 1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W) | 13.62 | 4.30 |
| 08 72 43 00-0161 | LF | 1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W) | 14.15 | 4.30 |
| 08 72 43 00-0162 | LF | 3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W) | 19.45 | 4.57 |
| 08 72 43 00-0163 | LF | 3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W) | 19.74 | 4.74 |
| 08 72 43 00-0164 | LF | 5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W) | 30.59 | 4.87 |
| **08 72 43 00-0165** | | **Vinyl Top, Wood Residential Thresholds** *(08 72 43 00-0158)* | | |
| 08 72 43 00-0166 | LF | 1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK) | 16.51 | 4.30 |
| 08 72 43 00-0167 | LF | 3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK) | 20.21 | 4.74 |
| 08 72 43 00-0168 | LF | 3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK) | 38.66 | 4.74 |
| **08 72 43 00-0169** | | **Vinyl Top, Aluminum Residential Thresholds** *(08 72 43 00-0158)* | | |
| 08 72 43 00-0170 | LF | 1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV) | 16.57 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.34* | |
| 08 72 43 00-0171 | LF | 3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV) | 19.42 | 4.74 |
| | | *For Color Anodized Finish, Add* | *3.03* | |
| 08 72 43 00-0172 | LF | 3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV) | 20.68 | 4.74 |
| | | *For Color Anodized Finish, Add* | *3.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 43 00-0173 | | Interlocking Residential Thresholds *(08 72 43 00-0158)* | | |
| 08 72 43 00-0174 | | Aluminum Interlocking Residential Thresholds *(08 72 43 00-0173)* | | |
| 08 72 43 00-0175 | | 1/2" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)* | | |
| 08 72 43 00-0176 | LF | 4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A) | 37.90 | 4.87 |
| | | *For Color Anodized Finish, Add* | *7.71* | |
| 08 72 43 00-0177 | | 5/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)* | | |
| 08 72 43 00-0178 | LF | 3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A) | 24.83 | 4.57 |
| | | *For Color Anodized Finish, Add* | *4.02* | |
| 08 72 43 00-0179 | LF | 3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A) | 22.42 | 4.74 |
| | | *For Color Anodized Finish, Add* | *5.29* | |
| 08 72 43 00-0180 | LF | 4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A) | 26.23 | 4.87 |
| | | *For Color Anodized Finish, Add* | *4.21* | |
| 08 72 43 00-0181 | | 7/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)* | | |
| 08 72 43 00-0182 | LF | 4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A) | 28.75 | 4.87 |
| | | *For Color Anodized Finish, Add* | *8.28* | |
| 08 72 43 00-0183 | | Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0173)* | | |
| 08 72 43 00-0184 | | 1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)* | | |
| 08 72 43 00-0185 | LF | 4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B) | 205.44 | 4.87 |
| 08 72 43 00-0186 | | 5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)* | | |
| 08 72 43 00-0187 | LF | 3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B) | 152.87 | 4.74 |
| 08 72 43 00-0188 | | 7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)* | | |
| 08 72 43 00-0189 | LF | 4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B) | 210.66 | 4.87 |
| 08 72 43 00-0190 | LF | 5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B) | 305.02 | 5.01 |
| 08 72 43 00-0191 | | Residential Door Sills *(08 72 43 00-0001)* | | |
| 08 72 43 00-0192 | | Fixed Aluminum Residential Door Sills *(08 72 43 00-0191)* | | |
| 08 72 43 00-0193 | LF | 4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A) | 21.18 | 4.87 |
| | | *For Color Anodized Finish, Add* | *4.50* | |
| 08 72 43 00-0194 | LF | 5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A) | 22.77 | 5.01 |
| | | *For Color Anodized Finish, Add* | *4.09* | |
| 08 72 43 00-0195 | | Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 72 43 00-0191)* | | |
| 08 72 43 00-0196 | LF | 4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A) | 30.81 | 4.87 |
| | | *For Color Anodized Finish, Add* | *6.52* | |
| 08 72 43 00-0197 | LF | 5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A) | 31.63 | 5.01 |
| | | *For Color Anodized Finish, Add* | *6.68* | |
| 08 72 43 00-0198 | | Adjustable Wood Top, Aluminum Residential Door Sills *(08 72 43 00-0191)* | | |
| 08 72 43 00-0199 | LF | 3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW) | 31.22 | 4.74 |
| | | *For Color Anodized Finish, Add* | *6.78* | |
| 08 72 43 00-0200 | LF | 4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW) | 31.57 | 4.87 |
| | | *For Color Anodized Finish, Add* | *4.85* | |
| 08 72 43 00-0201 | LF | 5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW) | 32.97 | 5.01 |
| | | *For Color Anodized Finish, Add* | *5.11* | |
| 08 72 43 00-0202 | | Extenders For Aluminum Residential Door Sills *(08 72 43 00-0191)* | | |
| 08 72 43 00-0203 | LF | 3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A) | 12.52 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.76* | |
| 08 72 43 00-0204 | LF | 2" Extender For Aluminum Residential Door Sills (Pemko EXT2A) | 13.78 | 4.30 |
| | | *For Color Anodized Finish, Add* | *2.60* | |
| 08 72 43 00-0205 | LF | 3" Extender For Aluminum Residential Door Sills (Pemko EXT3A) | 15.05 | 4.30 |
| | | *For Color Anodized Finish, Add* | *1.62* | |
| 08 72 43 00-0206 | | Stone Thresholds *(08 72 43 00-0001)* | | |
| 08 72 43 00-0207 | | Marble Thresholds *(08 72 43 00-0206)* | | |
| 08 72 43 00-0208 | LF | 2" Width, 5/8" Height, Plain Marble Threshold | 15.80 | 6.09 |
| 08 72 43 00-0209 | LF | 4" Width, 5/8" Height, Plain Marble Threshold | 17.49 | 6.09 |
| 08 72 43 00-0210 | LF | 6" Width, 5/8" Height, Plain Marble Threshold | 19.73 | 6.09 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 72 43 00-0211 | LF | 4" Width, 7/8" Height, Plain Marble Threshold | 24.79 | 6.09 |
| 08 72 43 00-0212 | LF | 6" Width, 7/8" Height, Plain Marble Threshold | 30.72 | 6.09 |
| 08 72 43 00-0213 | | Corian Thresholds *(08 72 43 00-0206)* | | |
| 08 72 43 00-0214 | LF | Up To 5-3/4" Width, Corian Threshold | 75.21 | 7.12 |

## 08 75 Window Hardware *(08 70)*

### 08 75 13 Automatic Window Equipment *(08 75)*

| | | | | |
|---|---|---|---|---|
| 08 75 13 00-0001 | | Window Opener Electric, With 1/2 HP Motor *(08 75 13)* | | |
| 08 75 13 00-0002 | EA | Gym Window Electronic Opener | 1,450.11 | 182.95 |

## 08 78 Special Function Hardware *(08 70)*

| | | | | |
|---|---|---|---|---|
| 08 78 00 00-0001 | | Pad Locks *(08 78)* | | |
| 08 78 00 00-0002 | EA | Combination Padlock | 19.81 | 4.30 |
| 08 78 00 00-0003 | EA | Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height | 48.55 | 4.30 |
| 08 78 00 00-0004 | EA | Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height | 44.66 | 4.30 |
| 08 78 00 00-0005 | EA | Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height | 49.49 | 4.30 |
| 08 78 00 00-0006 | EA | Commercial U-Bar Lock | 60.65 | 4.30 |
| 08 78 00 00-0007 | EA | Weather Tough Padlocks Keyed Alike | 50.46 | 4.30 |
| 08 78 00 00-0008 | EA | High Security Padlocks | 45.30 | 4.30 |
| 08 78 00 00-0009 | EA | Standard Key, Medium Security Padlock Keyed Alike | 22.64 | 4.30 |

## 08 79 Hardware Accessories *(08 70)*

### 08 79 13 Key Storage Equipment *(08 79)*

| | | | | |
|---|---|---|---|---|
| 08 79 13 00-0001 | | Key Cabinet *(08 79 13)* | | |
| 08 79 13 00-0002 | | Key Cabinets *(08 79 13 00-0001)* | | |
| 08 79 13 00-0003 | EA | Wall Mounted Key Cabinet, Up To 30 Keys | 428.72 | 15.45 |
| 08 79 13 00-0004 | EA | Wall Mounted Key Cabinet, Up To 60 Keys | 580.45 | 17.16 |
| 08 79 13 00-0005 | EA | Wall Mounted Key Cabinet, Up To 240 Keys | 1,309.81 | 25.76 |
| 08 79 13 00-0006 | EA | Wall Mounted Key Cabinet, Up To 1,200 Keys | 3,393.99 | 34.34 |
| 08 79 13 00-0007 | EA | Drawer Type Key Cabinet, Up To 600 Keys | 3,629.46 | 22.75 |
| 08 79 13 00-0008 | EA | Drawer Type Key Cabinet, Up To 2,400 Keys | 8,218.37 | 17.16 |
| 08 79 13 00-0009 | EA | Tray Type Key Cabinet, Up To 20 Keys | 180.01 | 6.87 |
| 08 79 13 00-0010 | EA | Tray Type Key Cabinet, Up To 50 Keys | 257.32 | 8.58 |
| 08 79 13 00-0011 | | Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 13 00-0001)* | | |
| 08 79 13 00-0012 | EA | Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High | 243.76 | 12.89 |
| 08 79 13 00-0013 | EA | Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High | 277.02 | 12.89 |
| 08 79 13 00-0014 | EA | Relocate 10" Wide x 12" High x 3" Deep Metal Key Box<br>Note: Including Storage And Cleaning | 43.80 | |
| 08 79 13 00-0015 | EA | Relocate Heavy Duty Key Box, With Combo Lock Door<br>Note: Including Storage And Cleaning | 98.77 | |

## 08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

## 08 81 Glass Glazing *(08 80)*

### 08 81 23 Exterior Glass Glazing *(08 81)*

#### 08 81 23 13 Factory Installed Glass Glazing *(08 81 23)*

| | | | | |
|---|---|---|---|---|
| 08 81 23 13-0001 | | Clear Float Factory Installed Glass *(08 81 23 13)* | | |
| 08 81 23 13-0002 | | Clear Float Factory Installed Glass *(08 81 23 13-0001)*<br>Note: Type I, Class I, Quality Q3. | | |
| 08 81 23 13-0003 | SF | 1/8" Thick, Clear Float Factory Installed Glass | 7.60 | |
| | | *For >50 To 200, Deduct* | *-0.23* | |
| | | *For >200 To 400, Deduct* | *-0.46* | |
| | | *For >400, Deduct* | *-0.68* | |
| | | *For Tinted Glass, Add* | *1.90* | |
| | | *For Reflective Coated Glass, Add* | *3.42* | |
| | | *For Low-E Coated Glass, Add* | *1.90* | |
| 08 81 23 13-0004 | SF | 3/16" Thick, Clear Float Factory Installed Glass | 8.15 | |
| | | *For >50 To 200, Deduct* | *-0.24* | |
| | | *For >200 To 400, Deduct* | *-0.49* | |
| | | *For >400, Deduct* | *-0.73* | |
| | | *For Tinted Glass, Add* | *2.04* | |
| | | *For Reflective Coated Glass, Add* | *3.67* | |
| | | *For Low-E Coated Glass, Add* | *2.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 13-0005 | SF | 1/4" Thick, Clear Float Factory Installed Glass | 9.88 | |
| | | *For >50 To 200, Deduct* | *-0.30* | |
| | | *For >200 To 400, Deduct* | *-0.59* | |
| | | *For >400, Deduct* | *-0.89* | |
| | | *For Tinted Glass, Add* | *2.47* | |
| | | *For Reflective Coated Glass, Add* | *4.45* | |
| | | *For Low-E Coated Glass, Add* | *2.47* | |
| 08 81 23 13-0006 | SF | 5/16" Thick, Clear Float Factory Installed Glass | 16.42 | |
| | | *For >50 To 200, Deduct* | *-0.49* | |
| | | *For >200 To 400, Deduct* | *-0.99* | |
| | | *For >400, Deduct* | *-1.48* | |
| | | *For Tinted Glass, Add* | *4.11* | |
| | | *For Reflective Coated Glass, Add* | *7.39* | |
| | | *For Low-E Coated Glass, Add* | *4.11* | |
| 08 81 23 13-0007 | SF | 3/8" Thick, Clear Float Factory Installed Glass | 23.89 | |
| | | *For >50 To 200, Deduct* | *-0.72* | |
| | | *For >200 To 400, Deduct* | *-1.43* | |
| | | *For >400, Deduct* | *-2.15* | |
| | | *For Tinted Glass, Add* | *5.97* | |
| | | *For Reflective Coated Glass, Add* | *10.75* | |
| | | *For Low-E Coated Glass, Add* | *5.97* | |
| 08 81 23 13-0008 | SF | 1/2" Thick, Clear Float Factory Installed Glass | 26.26 | |
| | | *For >50 To 200, Deduct* | *-0.79* | |
| | | *For >200 To 400, Deduct* | *-1.58* | |
| | | *For >400, Deduct* | *-2.36* | |
| | | *For Tinted Glass, Add* | *6.57* | |
| | | *For Reflective Coated Glass, Add* | *11.82* | |
| | | *For Low-E Coated Glass, Add* | *6.57* | |
| 08 81 23 13-0009 | SF | 5/8" Thick, Clear Float Factory Installed Glass | 31.41 | |
| | | *For >50 To 200, Deduct* | *-0.94* | |
| | | *For >200 To 400, Deduct* | *-1.88* | |
| | | *For >400, Deduct* | *-2.83* | |
| | | *For Tinted Glass, Add* | *7.85* | |
| | | *For Reflective Coated Glass, Add* | *14.13* | |
| | | *For Low-E Coated Glass, Add* | *7.85* | |
| 08 81 23 13-0010 | SF | 3/4" Thick, Clear Float Factory Installed Glass | 38.80 | |
| | | *For >50 To 200, Deduct* | *-1.16* | |
| | | *For >200 To 400, Deduct* | *-2.33* | |
| | | *For >400, Deduct* | *-3.49* | |
| | | *For Tinted Glass, Add* | *9.70* | |
| | | *For Reflective Coated Glass, Add* | *17.46* | |
| | | *For Low-E Coated Glass, Add* | *9.70* | |

### 08 81 23 13-0011 Heat Treated Factory Installed Glass *(08 81 23 13)*

### 08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*

Note: Type I, Class I, Quality Q3.

| | | | | |
|---|---|---|---|---|
| 08 81 23 13-0013 | SF | 1/8" Thick, Tempered, Clear Float Factory Installed Glass | 11.30 | |
| | | *For >50 To 200, Deduct* | *-0.34* | |
| | | *For >200 To 400, Deduct* | *-0.68* | |
| | | *For >400, Deduct* | *-1.02* | |
| | | *For Tinted Glass, Add* | *2.83* | |
| | | *For Reflective Coated Glass, Add* | *5.09* | |
| | | *For Low-E Coated Glass, Add* | *2.83* | |
| 08 81 23 13-0014 | SF | 3/16" Thick, Tempered, Clear Float Factory Installed Glass | 12.08 | |
| | | *For >50 To 200, Deduct* | *-0.36* | |
| | | *For >200 To 400, Deduct* | *-0.72* | |
| | | *For >400, Deduct* | *-1.09* | |
| | | *For Tinted Glass, Add* | *3.02* | |
| | | *For Reflective Coated Glass, Add* | *5.44* | |
| | | *For Low-E Coated Glass, Add* | *3.02* | |
| 08 81 23 13-0015 | SF | 1/4" Thick, Tempered, Clear Float Factory Installed Glass | 14.69 | |
| | | *For >50 To 200, Deduct* | *-0.44* | |
| | | *For >200 To 400, Deduct* | *-0.88* | |
| | | *For >400, Deduct* | *-1.32* | |
| | | *For Tinted Glass, Add* | *3.67* | |
| | | *For Reflective Coated Glass, Add* | *6.61* | |
| | | *For Low-E Coated Glass, Add* | *3.67* | |
| 08 81 23 13-0016 | SF | 5/16" Thick, Tempered, Clear Float Factory Installed Glass | 24.46 | |
| | | *For >50 To 200, Deduct* | *-0.73* | |
| | | *For >200 To 400, Deduct* | *-1.47* | |
| | | *For >400, Deduct* | *-2.20* | |
| | | *For Tinted Glass, Add* | *6.12* | |
| | | *For Reflective Coated Glass, Add* | *11.01* | |
| | | *For Low-E Coated Glass, Add* | *6.12* | |
| 08 81 23 13-0017 | SF | 3/8" Thick, Tempered, Clear Float Factory Installed Glass | 35.54 | |
| | | *For >50 To 200, Deduct* | *-1.07* | |
| | | *For >200 To 400, Deduct* | *-2.13* | |
| | | *For >400, Deduct* | *-3.20* | |
| | | *For Tinted Glass, Add* | *8.89* | |
| | | *For Reflective Coated Glass, Add* | *15.99* | |
| | | *For Low-E Coated Glass, Add* | *8.89* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 13-0018 | SF | 1/2" Thick, Tempered, Clear Float Factory Installed Glass | 39.05 | |
| | | *For >50 To 200, Deduct* | *-1.17* | |
| | | *For >200 To 400, Deduct* | *-2.34* | |
| | | *For >400, Deduct* | *-3.51* | |
| | | *For Tinted Glass, Add* | *9.76* | |
| | | *For Reflective Coated Glass, Add* | *17.57* | |
| | | *For Low-E Coated Glass, Add* | *9.76* | |
| 08 81 23 13-0019 | SF | 5/8" Thick, Tempered, Clear Float Factory Installed Glass | 46.71 | |
| | | *For >50 To 200, Deduct* | *-1.40* | |
| | | *For >200 To 400, Deduct* | *-2.80* | |
| | | *For >400, Deduct* | *-4.20* | |
| | | *For Tinted Glass, Add* | *11.68* | |
| | | *For Reflective Coated Glass, Add* | *21.02* | |
| | | *For Low-E Coated Glass, Add* | *11.68* | |
| 08 81 23 13-0020 | SF | 3/4" Thick, Tempered, Clear Float Factory Installed Glass | 57.71 | |
| | | *For >50 To 200, Deduct* | *-1.73* | |
| | | *For >200 To 400, Deduct* | *-3.46* | |
| | | *For >400, Deduct* | *-5.19* | |
| | | *For Tinted Glass, Add* | *14.43* | |
| | | *For Reflective Coated Glass, Add* | *25.97* | |
| | | *For Low-E Coated Glass, Add* | *14.43* | |

### 08 81 23 13-0021 Patterned Factory Installed Glass *(08 81 23 13)*

### 08 81 23 13-0022 Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*

Note: Class II, Form 3, Finish F1.

| | | | |
|---|---|---|---|
| 08 81 23 13-0023 | SF | 1/4" Thick, Rough Obscure, Factory Installed Glass | 16.16 |

### 08 81 23 13-0024 Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

| | | | |
|---|---|---|---|
| 08 81 23 13-0025 | SF | 1/8" Thick, Patterned, Figured Factory Installed Glass | 9.82 |
| 08 81 23 13-0026 | SF | 7/32" Thick, Patterned, Figured Factory Installed Glass | 9.82 |

### 08 81 23 13-0027 Wired Factory Installed Glass *(08 81 23 13)*

### 08 81 23 13-0028 Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

| | | | |
|---|---|---|---|
| 08 81 23 13-0029 | SF | 1/4" Thick, Square Pattern, Wired Factory Installed Glass | 25.41 |
| 08 81 23 13-0030 | SF | 1/4" Thick, Diamond Pattern, Wired Factory Installed Glass | 34.85 |

### 08 81 23 13-0031 Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*

| | | | |
|---|---|---|---|
| 08 81 23 13-0032 | SF | 1/4" Thick, Polished, Wired Factory Installed Glass | 38.10 |

### 08 81 23 13-0033 Frosted Factory Installed Glass *(08 81 23 13)*

### 08 81 23 13-0034 Frosted Factory Installed Glass *(08 81 23 13-0033)*

| | | | | |
|---|---|---|---|---|
| 08 81 23 13-0035 | SF | 1/8" Thick, Frosted Factory Installed Glass | 12.85 | |
| | | *For >50 To 200, Deduct* | *-0.39* | |
| | | *For >200 To 400, Deduct* | *-0.77* | |
| | | *For >400, Deduct* | *-1.16* | |
| 08 81 23 13-0036 | SF | 3/16" Thick, Frosted Factory Installed Glass | 16.85 | |
| | | *For >50 To 200, Deduct* | *-0.51* | |
| | | *For >200 To 400, Deduct* | *-1.01* | |
| | | *For >400, Deduct* | *-1.52* | |
| 08 81 23 13-0037 | SF | 1/4" Thick, Frosted Factory Installed Glass | 21.30 | |
| | | *For >50 To 200, Deduct* | *-0.64* | |
| | | *For >200 To 400, Deduct* | *-1.28* | |
| | | *For >400, Deduct* | *-1.92* | |
| 08 81 23 13-0038 | SF | 3/8" Thick, Frosted Factory Installed Glass | 31.84 | |
| | | *For >50 To 200, Deduct* | *-0.96* | |
| | | *For >200 To 400, Deduct* | *-1.91* | |
| | | *For >400, Deduct* | *-2.87* | |

### 08 81 23 13-0039 Fire Rated Factory Installed Glass *(08 81 23 13)*

### 08 81 23 13-0040 Fire Rated Factory Installed Glass *(08 81 23 13-0039)*

| | | | |
|---|---|---|---|
| 08 81 23 13-0041 | SF | 20 Minute, Fire Rated Factory Installed Glass | 46.65 |
| 08 81 23 13-0042 | SF | 45 Minute, Fire Rated Factory Installed Glass | 92.88 |
| 08 81 23 13-0043 | SF | 60 Minute, Fire Rated Factory Installed Glass | 143.54 |
| 08 81 23 13-0044 | SF | 90 Minute, Fire Rated Factory Installed Glass | 189.98 |

### 08 81 23 13-0045 Laminated Factory Installed Glass *(08 81 23 13)*

### 08 81 23 13-0046 Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 13-0045)*

Note: Type I, Class I, Quality Q3.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 13-0047 | SF | 1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass | 30.27 | |
| | | *For >50 To 200, Deduct* | *-0.91* | |
| | | *For >200 To 400, Deduct* | *-1.82* | |
| | | *For >400, Deduct* | *-2.72* | |
| | | *For Tinted Glass, Add* | *7.57* | |
| | | *For Reflective Coated Glass, Add* | *13.62* | |
| | | *For Low-E Coated Glass, Add* | *7.57* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *6.05* | |
| | | *For One Piece Fully Tempered Glass, Add* | *6.05* | |
| 08 81 23 13-0048 | SF | 3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass | 37.78 | |
| | | *For >50 To 200, Deduct* | *-1.13* | |
| | | *For >200 To 400, Deduct* | *-2.27* | |
| | | *For >400, Deduct* | *-3.40* | |
| | | *For Tinted Glass, Add* | *9.45* | |
| | | *For Reflective Coated Glass, Add* | *17.00* | |
| | | *For Low-E Coated Glass, Add* | *9.45* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *7.56* | |
| | | *For One Piece Fully Tempered Glass, Add* | *7.56* | |
| 08 81 23 13-0049 | SF | 1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass | 51.36 | |
| | | *For >50 To 200, Deduct* | *-1.54* | |
| | | *For >200 To 400, Deduct* | *-3.08* | |
| | | *For >400, Deduct* | *-4.62* | |
| | | *For Tinted Glass, Add* | *12.84* | |
| | | *For Reflective Coated Glass, Add* | *23.11* | |
| | | *For Low-E Coated Glass, Add* | *12.84* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *10.27* | |
| | | *For One Piece Fully Tempered Glass, Add* | *10.27* | |

### 08 81 23 13-0050 Insulated Factory Installed Glass *(08 81 23 13)*

### 08 81 23 13-0051 Insulated, Factory Installed Glass *(08 81 23 13-0050)*

Note: Type I, Class I, Quality Q3.

### 08 81 23 13-0052 3/16" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*

Note: Type I, Class I, Quality Q3.

| | | | | |
|---|---|---|---|---|
| 08 81 23 13-0053 | SF | 3/8" Thick, Insulated Factory Installed Glass<br>Note: Two 3/32" lites with 3/16" air space. | 15.55 | |
| | | *For >50 To 200, Deduct* | *-0.47* | |
| | | *For >200 To 400, Deduct* | *-0.93* | |
| | | *For >400, Deduct* | *-1.40* | |
| | | *For Tinted Glass, Add* | *3.89* | |
| | | *For Reflective Coated Glass, Add* | *7.00* | |
| | | *For Low-E Coated Glass, Add* | *3.89* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.11* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.11* | |
| | | *For One Piece Obscure Glass, Add* | *6.61* | |
| | | *For Argon Gas, Add* | *2.14* | |
| 08 81 23 13-0054 | SF | 1/2" Thick, Insulated Factory Installed Glass<br>Note: One 3/16" lite and one 1/8" lite with 3/16" air space. | 16.99 | |
| | | *For >50 To 200, Deduct* | *-0.51* | |
| | | *For >200 To 400, Deduct* | *-1.02* | |
| | | *For >400, Deduct* | *-1.53* | |
| | | *For Tinted Glass, Add* | *4.25* | |
| | | *For Reflective Coated Glass, Add* | *7.65* | |
| | | *For Low-E Coated Glass, Add* | *4.25* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.40* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.40* | |
| | | *For One Piece Obscure Glass, Add* | *7.22* | |
| | | *For Argon Gas, Add* | *2.34* | |
| 08 81 23 13-0055 | SF | 9/16" Thick, Insulated Factory Installed Glass<br>Note: Two 3/16" lites with 3/16" air space. | 17.02 | |
| | | *For >50 To 200, Deduct* | *-0.51* | |
| | | *For >200 To 400, Deduct* | *-1.02* | |
| | | *For >400, Deduct* | *-1.53* | |
| | | *For Tinted Glass, Add* | *4.26* | |
| | | *For Reflective Coated Glass, Add* | *7.66* | |
| | | *For Low-E Coated Glass, Add* | *4.26* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.40* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.40* | |
| | | *For One Piece Obscure Glass, Add* | *7.23* | |
| | | *For Argon Gas, Add* | *2.34* | |

### 08 81 23 13-0056 1/4" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*

Note: Type I, Class I, Quality Q3.

| | | | | |
|---|---|---|---|---|
| 08 81 23 13-0057 | SF | 7/16" Thick, Insulated Factory Installed Glass<br>Note: Two 3/32" lites with 1/4" air space. | 16.01 | |
| | | *For >50 To 200, Deduct* | *-0.48* | |
| | | *For >200 To 400, Deduct* | *-0.96* | |
| | | *For >400, Deduct* | *-1.44* | |
| | | *For Tinted Glass, Add* | *4.00* | |
| | | *For Reflective Coated Glass, Add* | *7.20* | |
| | | *For Low-E Coated Glass, Add* | *4.00* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.20* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.20* | |
| | | *For One Piece Obscure Glass, Add* | *6.80* | |
| | | *For Argon Gas, Add* | *2.20* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 13-0058 | SF | 1/2" Thick, Insulated Factory Installed Glass<br>Note: Two 1/8" lites with 1/4" air space. | 16.99 | |
| | | *For >50 To 200, Deduct* | *-0.51* | |
| | | *For >200 To 400, Deduct* | *-1.02* | |
| | | *For >400, Deduct* | *-1.53* | |
| | | *For Tinted Glass, Add* | *4.25* | |
| | | *For Reflective Coated Glass, Add* | *7.65* | |
| | | *For Low-E Coated Glass, Add* | *4.25* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.40* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.40* | |
| | | *For One Piece Obscure Glass, Add* | *7.22* | |
| | | *For Argon Gas, Add* | *2.34* | |
| 08 81 23 13-0059 | SF | 5/8" Thick, Insulated Factory Installed Glass<br>Note: Two 3/16" lites with 1/4" air space. | 17.19 | |
| | | *For >50 To 200, Deduct* | *-0.52* | |
| | | *For >200 To 400, Deduct* | *-1.03* | |
| | | *For >400, Deduct* | *-1.55* | |
| | | *For Tinted Glass, Add* | *4.30* | |
| | | *For Reflective Coated Glass, Add* | *7.74* | |
| | | *For Low-E Coated Glass, Add* | *4.30* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.44* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.44* | |
| | | *For One Piece Obscure Glass, Add* | *7.31* | |
| | | *For Argon Gas, Add* | *2.36* | |
| 08 81 23 13-0060 | SF | 5/8" Thick, Insulated Factory Installed Glass<br>Note: One 1/4" lite and one 1/8" lite with 1/4" air space. | 17.19 | |
| | | *For >50 To 200, Deduct* | *-0.52* | |
| | | *For >200 To 400, Deduct* | *-1.03* | |
| | | *For >400, Deduct* | *-1.55* | |
| | | *For Tinted Glass, Add* | *4.30* | |
| | | *For Reflective Coated Glass, Add* | *7.74* | |
| | | *For Low-E Coated Glass, Add* | *4.30* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.44* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.44* | |
| | | *For One Piece Obscure Glass, Add* | *7.31* | |
| | | *For Argon Gas, Add* | *2.36* | |
| 08 81 23 13-0061 | SF | 3/4" Thick, Insulated Factory Installed Glass<br>Note: Two 1/4" lites with 1/4" air space. | 18.01 | |
| | | *For >50 To 200, Deduct* | *-0.54* | |
| | | *For >200 To 400, Deduct* | *-1.08* | |
| | | *For >400, Deduct* | *-1.62* | |
| | | *For Tinted Glass, Add* | *4.50* | |
| | | *For Reflective Coated Glass, Add* | *8.10* | |
| | | *For Low-E Coated Glass, Add* | *4.50* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.60* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.60* | |
| | | *For One Piece Obscure Glass, Add* | *7.65* | |
| | | *For Argon Gas, Add* | *2.48* | |

### 08 81 23 13-0062 3/8" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*

Note: Type I, Class I, Quality Q3.

| | | | | |
|---|---|---|---|---|
| 08 81 23 13-0063 | SF | 5/8" Thick, Insulated Factory Installed Glass<br>Note: Two 1/8" lites with 3/8" air space. | 17.19 | |
| | | *For >50 To 200, Deduct* | *-0.52* | |
| | | *For >200 To 400, Deduct* | *-1.03* | |
| | | *For >400, Deduct* | *-1.55* | |
| | | *For Tinted Glass, Add* | *4.30* | |
| | | *For Reflective Coated Glass, Add* | *7.74* | |
| | | *For Low-E Coated Glass, Add* | *4.30* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.44* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.44* | |
| | | *For One Piece Obscure Glass, Add* | *7.31* | |
| | | *For Argon Gas, Add* | *2.36* | |
| 08 81 23 13-0064 | SF | 3/4" Thick, Insulated Factory Installed Glass<br>Note: Two 3/16" lites with 3/8" air space. | 18.01 | |
| | | *For >50 To 200, Deduct* | *-0.54* | |
| | | *For >200 To 400, Deduct* | *-1.08* | |
| | | *For >400, Deduct* | *-1.62* | |
| | | *For Tinted Glass, Add* | *4.50* | |
| | | *For Reflective Coated Glass, Add* | *8.10* | |
| | | *For Low-E Coated Glass, Add* | *4.50* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.60* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.60* | |
| | | *For One Piece Obscure Glass, Add* | *7.65* | |
| | | *For Argon Gas, Add* | *2.48* | |
| 08 81 23 13-0065 | SF | 7/8" Thick, Insulated Factory Installed Glass<br>Note: Two 1/4" lites with 3/8" air space. | 19.97 | |
| | | *For >50 To 200, Deduct* | *-0.60* | |
| | | *For >200 To 400, Deduct* | *-1.20* | |
| | | *For >400, Deduct* | *-1.80* | |
| | | *For Tinted Glass, Add* | *4.99* | |
| | | *For Reflective Coated Glass, Add* | *8.99* | |
| | | *For Low-E Coated Glass, Add* | *4.99* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.99* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.99* | |
| | | *For One Piece Obscure Glass, Add* | *8.49* | |
| | | *For Argon Gas, Add* | *2.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 13-0066 | | 1/2" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* | | |
| | | Note: Type I, Class I, Quality Q3. | | |
| 08 81 23 13-0067 | SF | 3/4" Thick, Insulated Factory Installed Glass | 18.01 | |
| | | Note: Two 1/8" lites with 1/2" air space. | | |
| | | *For >50 To 200, Deduct* | *-0.54* | |
| | | *For >200 To 400, Deduct* | *-1.08* | |
| | | *For >400, Deduct* | *-1.62* | |
| | | *For Tinted Glass, Add* | *4.50* | |
| | | *For Reflective Coated Glass, Add* | *8.10* | |
| | | *For Low-E Coated Glass, Add* | *4.50* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.60* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.60* | |
| | | *For One Piece Obscure Glass, Add* | *7.65* | |
| | | *For Argon Gas, Add* | *2.48* | |
| 08 81 23 13-0068 | SF | 7/8" Thick, Insulated Factory Installed Glass | 19.97 | |
| | | Note: Two 3/16" lites with 1/2" air space. | | |
| | | *For >50 To 200, Deduct* | *-0.60* | |
| | | *For >200 To 400, Deduct* | *-1.20* | |
| | | *For >400, Deduct* | *-1.80* | |
| | | *For Tinted Glass, Add* | *4.99* | |
| | | *For Reflective Coated Glass, Add* | *8.99* | |
| | | *For Low-E Coated Glass, Add* | *4.99* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.99* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.99* | |
| | | *For One Piece Obscure Glass, Add* | *8.49* | |
| | | *For Argon Gas, Add* | *2.75* | |
| 08 81 23 13-0069 | SF | 7/8" Thick, Insulated Factory Installed Glass | 19.97 | |
| | | Note: One 1/4" lite and one 1/8" lite with 1/2" air space. | | |
| | | *For >50 To 200, Deduct* | *-0.60* | |
| | | *For >200 To 400, Deduct* | *-1.20* | |
| | | *For >400, Deduct* | *-1.80* | |
| | | *For Tinted Glass, Add* | *4.99* | |
| | | *For Reflective Coated Glass, Add* | *8.99* | |
| | | *For Low-E Coated Glass, Add* | *4.99* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.99* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.99* | |
| | | *For One Piece Obscure Glass, Add* | *8.49* | |
| | | *For Argon Gas, Add* | *2.75* | |
| 08 81 23 13-0070 | SF | 1" Thick, Insulated Factory Installed Glass | 21.84 | |
| | | Note: Two 1/4" lites with 1/2" air space. | | |
| | | *For >50 To 200, Deduct* | *-0.66* | |
| | | *For >200 To 400, Deduct* | *-1.31* | |
| | | *For >400, Deduct* | *-1.97* | |
| | | *For Tinted Glass, Add* | *5.46* | |
| | | *For Reflective Coated Glass, Add* | *9.83* | |
| | | *For Low-E Coated Glass, Add* | *5.46* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *4.37* | |
| | | *For One Piece Fully Tempered Glass, Add* | *4.37* | |
| | | *For One Piece Obscure Glass, Add* | *9.28* | |
| | | *For Argon Gas, Add* | *3.00* | |
| **08 81 23 23** | | **Field Installed Glass Glazing** *(08 81 23)* | | |
| 08 81 23 23-0001 | | Heat Treated Field Installed Glass *(08 81 23 23)* | | |
| 08 81 23 23-0002 | | Tempered, Clear Float Field Installed Glass *(08 81 23 23-0001)* | | |
| | | Note: Type I, Class I, Quality Q3. | | |
| 08 81 23 23-0003 | SF | 1/8" Thick, Tempered, Clear Float Field Installed Glass | 23.18 | |
| | | *For >50 To 200, Deduct* | *-0.34* | |
| | | *For >200 To 400, Deduct* | *-0.68* | |
| | | *For >400, Deduct* | *-1.02* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *11.88* | |
| | | *For Tinted Glass, Add* | *2.83* | |
| | | *For Reflective Coated Glass, Add* | *5.09* | |
| | | *For Low-E Coated Glass, Add* | *2.83* | |
| 08 81 23 23-0004 | SF | 3/16" Thick, Tempered, Clear Float Field Installed Glass | 24.87 | |
| | | *For >50 To 200, Deduct* | *-0.36* | |
| | | *For >200 To 400, Deduct* | *-0.72* | |
| | | *For >400, Deduct* | *-1.09* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *12.79* | |
| | | *For Tinted Glass, Add* | *3.02* | |
| | | *For Reflective Coated Glass, Add* | *5.44* | |
| | | *For Low-E Coated Glass, Add* | *3.02* | |
| 08 81 23 23-0005 | SF | 1/4" Thick, Tempered, Clear Float Field Installed Glass | 28.39 | |
| | | *For >50 To 200, Deduct* | *-0.44* | |
| | | *For >200 To 400, Deduct* | *-0.88* | |
| | | *For >400, Deduct* | *-1.32* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |
| | | *For Tinted Glass, Add* | *3.67* | |
| | | *For Reflective Coated Glass, Add* | *6.61* | |
| | | *For Low-E Coated Glass, Add* | *3.67* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 23-0006 | SF | 5/16" Thick, Tempered, Clear Float Field Installed Glass | 40.00 | |
| | | *For >50 To 200, Deduct* | *-0.73* | |
| | | *For >200 To 400, Deduct* | *-1.47* | |
| | | *For >400, Deduct* | *-2.20* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.54* | |
| | | *For Tinted Glass, Add* | *6.12* | |
| | | *For Reflective Coated Glass, Add* | *11.01* | |
| | | *For Low-E Coated Glass, Add* | *6.12* | |
| 08 81 23 23-0007 | SF | 3/8" Thick, Tempered, Clear Float Field Installed Glass | 52.90 | |
| | | *For >50 To 200, Deduct* | *-1.07* | |
| | | *For >200 To 400, Deduct* | *-2.13* | |
| | | *For >400, Deduct* | *-3.20* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.36* | |
| | | *For Tinted Glass, Add* | *8.89* | |
| | | *For Reflective Coated Glass, Add* | *15.99* | |
| | | *For Low-E Coated Glass, Add* | *8.89* | |
| 08 81 23 23-0008 | SF | 1/2" Thick, Tempered, Clear Float Field Installed Glass | 58.24 | |
| | | *For >50 To 200, Deduct* | *-1.17* | |
| | | *For >200 To 400, Deduct* | *-2.34* | |
| | | *For >400, Deduct* | *-3.51* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *19.19* | |
| | | *For Tinted Glass, Add* | *9.76* | |
| | | *For Reflective Coated Glass, Add* | *17.57* | |
| | | *For Low-E Coated Glass, Add* | *9.76* | |
| 08 81 23 23-0009 | SF | 5/8" Thick, Tempered, Clear Float Field Installed Glass | 70.46 | |
| | | *For >50 To 200, Deduct* | *-1.40* | |
| | | *For >200 To 400, Deduct* | *-2.80* | |
| | | *For >400, Deduct* | *-4.20* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *23.75* | |
| | | *For Tinted Glass, Add* | *11.68* | |
| | | *For Reflective Coated Glass, Add* | *21.02* | |
| | | *For Low-E Coated Glass, Add* | *11.68* | |
| 08 81 23 23-0010 | SF | 3/4" Thick, Tempered, Clear Float Field Installed Glass | 86.04 | |
| | | *For >50 To 200, Deduct* | *-1.73* | |
| | | *For >200 To 400, Deduct* | *-3.46* | |
| | | *For >400, Deduct* | *-5.19* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *28.33* | |
| | | *For Tinted Glass, Add* | *14.43* | |
| | | *For Reflective Coated Glass, Add* | *25.97* | |
| | | *For Low-E Coated Glass, Add* | *14.43* | |

08 81 23 23-0011 Clear Float Field Installed Glass *(08 81 23 23)*

08 81 23 23-0012 Clear Float Field Installed Glass *(08 81 23 23-0011)*

Note: Type I, Class I, Quality Q3.

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0013 | SF | 1/8" Thick, Clear Float Field Installed Glass | 19.48 | |
| | | *For >50 To 200, Deduct* | *-0.23* | |
| | | *For >200 To 400, Deduct* | *-0.46* | |
| | | *For >400, Deduct* | *-0.68* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *11.88* | |
| | | *For Tinted Glass, Add* | *1.90* | |
| | | *For Reflective Coated Glass, Add* | *3.42* | |
| | | *For Low-E Coated Glass, Add* | *1.90* | |
| 08 81 23 23-0014 | SF | 3/16" Thick, Clear Float Field Installed Glass | 20.94 | |
| | | *For >50 To 200, Deduct* | *-0.24* | |
| | | *For >200 To 400, Deduct* | *-0.49* | |
| | | *For >400, Deduct* | *-0.73* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *12.79* | |
| | | *For Tinted Glass, Add* | *2.04* | |
| | | *For Reflective Coated Glass, Add* | *3.67* | |
| | | *For Low-E Coated Glass, Add* | *2.04* | |
| 08 81 23 23-0015 | SF | 1/4" Thick, Clear Float Field Installed Glass | 23.58 | |
| | | *For >50 To 200, Deduct* | *-0.30* | |
| | | *For >200 To 400, Deduct* | *-0.59* | |
| | | *For >400, Deduct* | *-0.89* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |
| | | *For Tinted Glass, Add* | *2.47* | |
| | | *For Reflective Coated Glass, Add* | *4.45* | |
| | | *For Low-E Coated Glass, Add* | *2.47* | |
| 08 81 23 23-0016 | SF | 5/16" Thick, Clear Float Field Installed Glass | 31.96 | |
| | | *For >50 To 200, Deduct* | *-0.49* | |
| | | *For >200 To 400, Deduct* | *-0.99* | |
| | | *For >400, Deduct* | *-1.48* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.54* | |
| | | *For Tinted Glass, Add* | *4.11* | |
| | | *For Reflective Coated Glass, Add* | *7.39* | |
| | | *For Low-E Coated Glass, Add* | *4.11* | |
| 08 81 23 23-0017 | SF | 3/8" Thick, Clear Float Field Installed Glass | 41.25 | |
| | | *For >50 To 200, Deduct* | *-0.72* | |
| | | *For >200 To 400, Deduct* | *-1.43* | |
| | | *For >400, Deduct* | *-2.15* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.36* | |
| | | *For Tinted Glass, Add* | *5.97* | |
| | | *For Reflective Coated Glass, Add* | *10.75* | |
| | | *For Low-E Coated Glass, Add* | *5.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 23-0018 | SF | 1/2" Thick, Clear Float Field Installed Glass | 45.45 | |
| | | *For >50 To 200, Deduct* | *-0.79* | |
| | | *For >200 To 400, Deduct* | *-1.58* | |
| | | *For >400, Deduct* | *-2.36* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *19.19* | |
| | | *For Tinted Glass, Add* | *6.57* | |
| | | *For Reflective Coated Glass, Add* | *11.82* | |
| | | *For Low-E Coated Glass, Add* | *6.57* | |
| 08 81 23 23-0019 | SF | 5/8" Thick, Clear Float Field Installed Glass | 55.16 | |
| | | *For >50 To 200, Deduct* | *-0.94* | |
| | | *For >200 To 400, Deduct* | *-1.88* | |
| | | *For >400, Deduct* | *-2.83* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *23.75* | |
| | | *For Tinted Glass, Add* | *7.85* | |
| | | *For Reflective Coated Glass, Add* | *14.13* | |
| | | *For Low-E Coated Glass, Add* | *7.85* | |
| 08 81 23 23-0020 | SF | 3/4" Thick, Clear Float Field Installed Glass | 67.13 | |
| | | *For >50 To 200, Deduct* | *-1.16* | |
| | | *For >200 To 400, Deduct* | *-2.33* | |
| | | *For >400, Deduct* | *-3.49* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *28.33* | |
| | | *For Tinted Glass, Add* | *9.70* | |
| | | *For Reflective Coated Glass, Add* | *17.46* | |
| | | *For Low-E Coated Glass, Add* | *9.70* | |

### 08 81 23 23-0021 Patterned Field Installed Glass *(08 81 23 23)*

### 08 81 23 23-0022 Rough Obscure Field Installed Glass *(08 81 23 23-0021)*

Note: Class II, Form 3, Finish F1.

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0023 | SF | 1/4" Thick, Rough Obscure Field Installed Glass | 29.86 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |

### 08 81 23 23-0024 Patterned, Figured Field Installed Glass *(08 81 23 23-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0025 | SF | 1/8" Thick, Patterned, Figured Field Installed Glass | 21.70 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *11.88* | |
| 08 81 23 23-0026 | SF | 7/32" Thick, Patterned, Figured Field Installed Glass | 23.07 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.25* | |

### 08 81 23 23-0027 Wired Field Installed Glass *(08 81 23 23)*

### 08 81 23 23-0028 Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0029 | SF | 1/4" Thick, Square Pattern, Wired Field Installed Glass | 39.11 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |
| 08 81 23 23-0030 | SF | 1/4" Thick, Diamond Pattern, Wired Field Installed Glass | 48.55 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |

### 08 81 23 23-0031 Polished, Wired Field Installed Glass *(08 81 23 23-0027)*

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0032 | SF | 1/4" Thick, Polished, Wired Field Installed Glass | 51.80 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |

### 08 81 23 23-0033 Frosted Field Installed Glass *(08 81 23 23)*

### 08 81 23 23-0034 Frosted Field Installed Glass *(08 81 23 23-0033)*

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0035 | SF | 1/8" Thick, Frosted Field Installed Glass | 24.73 | |
| | | *For >50 To 200, Deduct* | *-0.39* | |
| | | *For >200 To 400, Deduct* | *-0.77* | |
| | | *For >400, Deduct* | *-1.16* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *11.88* | |
| 08 81 23 23-0036 | SF | 3/16" Thick, Frosted Field Installed Glass | 29.64 | |
| | | *For >50 To 200, Deduct* | *-0.51* | |
| | | *For >200 To 400, Deduct* | *-1.01* | |
| | | *For >400, Deduct* | *-1.52* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *12.79* | |
| 08 81 23 23-0037 | SF | 1/4" Thick, Frosted Field Installed Glass | 35.00 | |
| | | *For >50 To 200, Deduct* | *-0.64* | |
| | | *For >200 To 400, Deduct* | *-1.28* | |
| | | *For >400, Deduct* | *-1.92* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |
| 08 81 23 23-0038 | SF | 3/8" Thick, Frosted Field Installed Glass | 49.20 | |
| | | *For >50 To 200, Deduct* | *-0.96* | |
| | | *For >200 To 400, Deduct* | *-1.91* | |
| | | *For >400, Deduct* | *-2.87* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.36* | |

### 08 81 23 23-0039 Fire Rated Field Installed Glass *(08 81 23 23)*

### 08 81 23 23-0040 Fire Rated Field Installed Glass *(08 81 23 23-0039)*

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0041 | SF | 20 Minute, Fire Rated Field Installed Glass | 60.35 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 23-0042 | SF | 45 Minute, Fire Rated Field Installed Glass | 106.58 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |
| 08 81 23 23-0043 | SF | 60 Minute, Fire Rated Field Installed Glass | 157.24 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |
| 08 81 23 23-0044 | SF | 90 Minute, Fire Rated Field Installed Glass | 203.68 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |

### 08 81 23 23-0045 Laminated Field Installed Glass *(08 81 23 23)*

### 08 81 23 23-0046 Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 23 23-0045)*

Note: Type I, Class I, Quality Q3.

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0047 | SF | 1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass | 43.97 | |
| | | *For >50 To 200, Deduct* | *-0.91* | |
| | | *For >200 To 400, Deduct* | *-1.82* | |
| | | *For >400, Deduct* | *-2.72* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.70* | |
| | | *For Tinted Glass, Add* | *7.57* | |
| | | *For Reflective Coated Glass, Add* | *13.62* | |
| | | *For Low-E Coated Glass, Add* | *7.57* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *6.05* | |
| | | *For One Piece Fully Tempered Glass, Add* | *6.05* | |
| 08 81 23 23-0048 | SF | 3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass | 55.14 | |
| | | *For >50 To 200, Deduct* | *-1.13* | |
| | | *For >200 To 400, Deduct* | *-2.27* | |
| | | *For >400, Deduct* | *-3.40* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.36* | |
| | | *For Tinted Glass, Add* | *9.45* | |
| | | *For Reflective Coated Glass, Add* | *17.00* | |
| | | *For Low-E Coated Glass, Add* | *9.45* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *7.56* | |
| | | *For One Piece Fully Tempered Glass, Add* | *7.56* | |
| 08 81 23 23-0049 | SF | 1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass | 70.55 | |
| | | *For >50 To 200, Deduct* | *-1.54* | |
| | | *For >200 To 400, Deduct* | *-3.08* | |
| | | *For >400, Deduct* | *-4.62* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *19.19* | |
| | | *For Tinted Glass, Add* | *12.84* | |
| | | *For Reflective Coated Glass, Add* | *23.11* | |
| | | *For Low-E Coated Glass, Add* | *12.84* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *10.27* | |
| | | *For One Piece Fully Tempered Glass, Add* | *10.27* | |
| 08 81 23 23-0050 | SF | 9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass | 77.43 | |
| | | *For >50 To 200, Deduct* | *-1.73* | |
| | | *For >200 To 400, Deduct* | *-3.47* | |
| | | *For >400, Deduct* | *-5.20* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *19.65* | |
| | | *For Tinted Glass, Add* | *14.45* | |
| | | *For Reflective Coated Glass, Add* | *26.00* | |
| | | *For Low-E Coated Glass, Add* | *14.45* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *11.56* | |
| | | *For One Piece Fully Tempered Glass, Add* | *11.56* | |

### 08 81 23 23-0051 Insulated Field Installed Glass *(08 81 23 23)*

### 08 81 23 23-0052 Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*

Note: Type I, Class I, Quality Q3.

### 08 81 23 23-0053 3/16" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*

Note: Type I, Class I, Quality Q3.

| | | | | |
|---|---|---|---|---|
| 08 81 23 23-0054 | SF | 3/8" Thick, Insulated Field Installed Glass<br>Note: Two 3/32" lites with 3/16" air space. | 30.90 | |
| | | *For >50 To 200, Deduct* | *-0.47* | |
| | | *For >200 To 400, Deduct* | *-0.93* | |
| | | *For >400, Deduct* | *-1.40* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.35* | |
| | | *For Tinted Glass, Add* | *3.89* | |
| | | *For Reflective Coated Glass, Add* | *7.00* | |
| | | *For Low-E Coated Glass, Add* | *3.89* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.11* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.11* | |
| | | *For One Piece Obscure Glass, Add* | *6.61* | |
| | | *For Argon Gas, Add* | *2.14* | |
| 08 81 23 23-0055 | SF | 1/2" Thick, Insulated Field Installed Glass<br>Note: One 3/16" lite and one 1/8" lite with 3/16" air space. | 32.98 | |
| | | *For >50 To 200, Deduct* | *-0.51* | |
| | | *For >200 To 400, Deduct* | *-1.02* | |
| | | *For >400, Deduct* | *-1.53* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.99* | |
| | | *For Tinted Glass, Add* | *4.25* | |
| | | *For Reflective Coated Glass, Add* | *7.65* | |
| | | *For Low-E Coated Glass, Add* | *4.25* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.40* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.40* | |
| | | *For One Piece Obscure Glass, Add* | *7.22* | |
| | | *For Argon Gas, Add* | *2.34* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 23-0056 | SF | 9/16" Thick, Insulated Field Installed Glass<br>Note: Two 3/16" lites with 3/16" air space. | 33.28 | |
| | | *For >50 To 200, Deduct* | *-0.51* | |
| | | *For >200 To 400, Deduct* | *-1.02* | |
| | | *For >400, Deduct* | *-1.53* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *16.26* | |
| | | *For Tinted Glass, Add* | *4.26* | |
| | | *For Reflective Coated Glass, Add* | *7.66* | |
| | | *For Low-E Coated Glass, Add* | *4.26* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.40* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.40* | |
| | | *For One Piece Obscure Glass, Add* | *7.23* | |
| | | *For Argon Gas, Add* | *2.34* | |
| 08 81 23 23-0057 | | 1/4" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*<br>Note: Type I, Class I, Quality Q3. | | |
| 08 81 23 23-0058 | SF | 7/16" Thick, Insulated Field Installed Glass<br>Note: Two 3/32" lites with 1/4" air space. | 31.64 | |
| | | *For >50 To 200, Deduct* | *-0.48* | |
| | | *For >200 To 400, Deduct* | *-0.96* | |
| | | *For >400, Deduct* | *-1.44* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.63* | |
| | | *For Tinted Glass, Add* | *4.00* | |
| | | *For Reflective Coated Glass, Add* | *7.20* | |
| | | *For Low-E Coated Glass, Add* | *4.00* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.20* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.20* | |
| | | *For One Piece Obscure Glass, Add* | *6.80* | |
| | | *For Argon Gas, Add* | *2.20* | |
| 08 81 23 23-0059 | SF | 1/2" Thick, Insulated Field Installed Glass<br>Note: Two 1/8" lites with 1/4" air space. | 32.98 | |
| | | *For >50 To 200, Deduct* | *-0.51* | |
| | | *For >200 To 400, Deduct* | *-1.02* | |
| | | *For >400, Deduct* | *-1.53* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.99* | |
| | | *For Tinted Glass, Add* | *4.25* | |
| | | *For Reflective Coated Glass, Add* | *7.65* | |
| | | *For Low-E Coated Glass, Add* | *4.25* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.40* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.40* | |
| | | *For One Piece Obscure Glass, Add* | *7.22* | |
| | | *For Argon Gas, Add* | *2.34* | |
| 08 81 23 23-0060 | SF | 5/8" Thick, Insulated Field Installed Glass<br>Note: Two 3/16" lites with 1/4" air space. | 34.25 | |
| | | *For >50 To 200, Deduct* | *-0.52* | |
| | | *For >200 To 400, Deduct* | *-1.03* | |
| | | *For >400, Deduct* | *-1.55* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.06* | |
| | | *For Tinted Glass, Add* | *4.30* | |
| | | *For Reflective Coated Glass, Add* | *7.74* | |
| | | *For Low-E Coated Glass, Add* | *4.30* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.44* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.44* | |
| | | *For One Piece Obscure Glass, Add* | *7.31* | |
| | | *For Argon Gas, Add* | *2.36* | |
| 08 81 23 23-0061 | SF | 5/8" Thick, Insulated Field Installed Glass<br>Note: One 1/4" lite and one 1/8" lite with 1/4" air space. | 34.25 | |
| | | *For >50 To 200, Deduct* | *-0.52* | |
| | | *For >200 To 400, Deduct* | *-1.03* | |
| | | *For >400, Deduct* | *-1.55* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.06* | |
| | | *For Tinted Glass, Add* | *4.30* | |
| | | *For Reflective Coated Glass, Add* | *7.74* | |
| | | *For Low-E Coated Glass, Add* | *4.30* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.44* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.44* | |
| | | *For One Piece Obscure Glass, Add* | *7.31* | |
| | | *For Argon Gas, Add* | *2.36* | |
| 08 81 23 23-0062 | SF | 3/4" Thick, Insulated Field Installed Glass<br>Note: Two 1/4" lites with 1/4" air space. | 36.63 | |
| | | *For >50 To 200, Deduct* | *-0.54* | |
| | | *For >200 To 400, Deduct* | *-1.08* | |
| | | *For >400, Deduct* | *-1.62* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *18.62* | |
| | | *For Tinted Glass, Add* | *4.50* | |
| | | *For Reflective Coated Glass, Add* | *8.10* | |
| | | *For Low-E Coated Glass, Add* | *4.50* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.60* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.60* | |
| | | *For One Piece Obscure Glass, Add* | *7.65* | |
| | | *For Argon Gas, Add* | *2.48* | |
| 08 81 23 23-0063 | | 3/8" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*<br>Note: Type I, Class I, Quality Q3. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 23-0064 | SF | 5/8" Thick, Insulated Field Installed Glass<br>Note: Two 1/8" lites with 3/8" air space. | 34.25 | |
| | | *For >50 To 200, Deduct* | *-0.52* | |
| | | *For >200 To 400, Deduct* | *-1.03* | |
| | | *For >400, Deduct* | *-1.55* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.06* | |
| | | *For Tinted Glass, Add* | *4.30* | |
| | | *For Reflective Coated Glass, Add* | *7.74* | |
| | | *For Low-E Coated Glass, Add* | *4.30* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.44* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.44* | |
| | | *For One Piece Obscure Glass, Add* | *7.31* | |
| | | *For Argon Gas, Add* | *2.36* | |
| 08 81 23 23-0065 | SF | 3/4" Thick, Insulated Field Installed Glass<br>Note: Two 3/16" lites with 3/8" air space. | 36.63 | |
| | | *For >50 To 200, Deduct* | *-0.54* | |
| | | *For >200 To 400, Deduct* | *-1.08* | |
| | | *For >400, Deduct* | *-1.62* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *18.62* | |
| | | *For Tinted Glass, Add* | *4.50* | |
| | | *For Reflective Coated Glass, Add* | *8.10* | |
| | | *For Low-E Coated Glass, Add* | *4.50* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.60* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.60* | |
| | | *For One Piece Obscure Glass, Add* | *7.65* | |
| | | *For Argon Gas, Add* | *2.48* | |
| 08 81 23 23-0066 | SF | 7/8" Thick, Insulated Field Installed Glass<br>Note: Two 1/4" lites with 3/8" air space. | 38.98 | |
| | | *For >50 To 200, Deduct* | *-0.60* | |
| | | *For >200 To 400, Deduct* | *-1.20* | |
| | | *For >400, Deduct* | *-1.80* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *19.01* | |
| | | *For Tinted Glass, Add* | *4.99* | |
| | | *For Reflective Coated Glass, Add* | *8.99* | |
| | | *For Low-E Coated Glass, Add* | *4.99* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.99* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.99* | |
| | | *For One Piece Obscure Glass, Add* | *8.49* | |
| | | *For Argon Gas, Add* | *2.75* | |
| 08 81 23 23-0067 | | 1/2" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*<br>Note: Type I, Class I, Quality Q3. | | |
| 08 81 23 23-0068 | SF | 3/4" Thick, Insulated Field Installed Glass<br>Note: Two 1/8" lites with 1/2" air space. | 36.63 | |
| | | *For >50 To 200, Deduct* | *-0.54* | |
| | | *For >200 To 400, Deduct* | *-1.08* | |
| | | *For >400, Deduct* | *-1.62* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *18.62* | |
| | | *For Tinted Glass, Add* | *4.50* | |
| | | *For Reflective Coated Glass, Add* | *8.10* | |
| | | *For Low-E Coated Glass, Add* | *4.50* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.60* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.60* | |
| | | *For One Piece Obscure Glass, Add* | *7.65* | |
| | | *For Argon Gas, Add* | *2.48* | |
| 08 81 23 23-0069 | SF | 7/8" Thick, Insulated Field Installed Glass<br>Note: Two 3/16" lites with 1/2" air space. | 38.98 | |
| | | *For >50 To 200, Deduct* | *-0.60* | |
| | | *For >200 To 400, Deduct* | *-1.20* | |
| | | *For >400, Deduct* | *-1.80* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *19.01* | |
| | | *For Tinted Glass, Add* | *4.99* | |
| | | *For Reflective Coated Glass, Add* | *8.99* | |
| | | *For Low-E Coated Glass, Add* | *4.99* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.99* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.99* | |
| | | *For One Piece Obscure Glass, Add* | *8.49* | |
| | | *For Argon Gas, Add* | *2.75* | |
| 08 81 23 23-0070 | SF | 7/8" Thick, Insulated Field Installed Glass<br>Note: One 1/4" lite and one 1/8" lite with 1/2" air space. | 38.98 | |
| | | *For >50 To 200, Deduct* | *-0.60* | |
| | | *For >200 To 400, Deduct* | *-1.20* | |
| | | *For >400, Deduct* | *-1.80* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *19.01* | |
| | | *For Tinted Glass, Add* | *4.99* | |
| | | *For Reflective Coated Glass, Add* | *8.99* | |
| | | *For Low-E Coated Glass, Add* | *4.99* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *3.99* | |
| | | *For One Piece Fully Tempered Glass, Add* | *3.99* | |
| | | *For One Piece Obscure Glass, Add* | *8.49* | |
| | | *For Argon Gas, Add* | *2.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 81 23 23-0071 | SF | 1" Thick, Insulated Field Installed Glass<br>Note: Two 1/4" lites with 1/2" air space. | 41.03 | |
| | | *For >50 To 200, Deduct* | *-0.66* | |
| | | *For >200 To 400, Deduct* | *-1.31* | |
| | | *For >400, Deduct* | *-1.97* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *19.19* | |
| | | *For Tinted Glass, Add* | *5.46* | |
| | | *For Reflective Coated Glass, Add* | *9.83* | |
| | | *For Low-E Coated Glass, Add* | *5.46* | |
| | | *For One Piece Heat Strengthened Glass, Add* | *4.37* | |
| | | *For One Piece Fully Tempered Glass, Add* | *4.37* | |
| | | *For One Piece Obscure Glass, Add* | *9.28* | |
| | | *For Argon Gas, Add* | *3.00* | |
| 08 81 23 23-0072 | | Laminated Insulated Glass, Field Installed Glass *(08 81 23 23-0051)* | | |
| 08 81 23 23-0073 | SF | 1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass<br>Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of .060" PVB film between two layers 1/4" thick glass. | 112.48 | |
| | | *For >50 To 200, Deduct* | *-2.62* | |
| | | *For >200 To 400, Deduct* | *-5.24* | |
| | | *For >400, Deduct* | *-7.86* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *25.13* | |
| | | *For Tinted Glass, Add* | *21.84* | |
| | | *For Reflective Coated Glass, Add* | *39.31* | |
| | | *For Low-E Coated Glass, Add* | *21.84* | |
| | | *For Argon Gas, Add* | *12.01* | |
| 08 81 23 23-0074 | | Spandrel Field Installed Glass *(08 81 23 23)* | | |
| 08 81 23 23-0075 | | Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0074)* | | |
| 08 81 23 23-0076 | SF | 1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass | 35.73 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.23* | |
| 08 81 23 23-0077 | SF | 1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass | 31.33 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.23* | |
| 08 81 23 23-0078 | | Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0074)* | | |
| 08 81 23 23-0079 | | 1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0078)*<br>Note: Also with aluminum foil vapor barrier. | | |
| 08 81 23 23-0080 | SF | 1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass | 40.31 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.23* | |
| 08 81 23 23-0081 | SF | 1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass | 35.33 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.23* | |
| 08 81 23 23-0082 | | 1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0078)* | | |
| 08 81 23 23-0083 | SF | 1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass | 48.97 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.23* | |
| 08 81 23 23-0084 | SF | 1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass | 39.18 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.23* | |

## 08 83 Mirrors *(08 80)*

Note: Kind FT, Type I, Class I, Quality Q1.

### 08 83 13 Mirrored Glass Glazing *(08 83)*

| | | | | |
|---|---|---|---|---|
| 08 83 13 00-0001 | | Mirror Glass *(08 83 13)* | | |
| 08 83 13 00-0002 | | One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)* | | |
| 08 83 13 00-0003 | SF | 1/4" One-Way Vision Glass (Transparent Mirrors) | 81.93 | 6.85 |
| | | *For >50 To 200, Deduct* | *-2.05* | |
| | | *For >200 To 400, Deduct* | *-3.42* | |
| | | *For >400, Deduct* | *-5.47* | |
| 08 83 13 00-0004 | | Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)* | | |
| 08 83 13 00-0005 | SF | 1/4" Tempered, One-Way Vision Glass (Transparent Mirrors) | 115.88 | 6.85 |
| | | *For >50 To 200, Deduct* | *-3.07* | |
| | | *For >200 To 400, Deduct* | *-5.12* | |
| | | *For >400, Deduct* | *-8.19* | |
| 08 83 13 00-0006 | | Clear Mirror Glass *(08 83 13 00-0001)* | | |
| 08 83 13 00-0007 | SF | 1/8" Clear Mirror Glass | 26.16 | 5.49 |
| | | *For >50 To 200, Deduct* | *-0.46* | |
| | | *For >200 To 400, Deduct* | *-0.76* | |
| | | *For >400, Deduct* | *-1.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 83 13 00-0008 | SF | 3/16" Clear Mirror Glass | 31.01 | 6.40 |
| | | *For >50 To 200, Deduct* | *-0.55* | |
| | | *For >200 To 400, Deduct* | *-0.92* | |
| | | *For >400, Deduct* | *-1.47* | |
| 08 83 13 00-0009 | SF | 1/4" Clear Mirror Glass | 34.06 | 6.85 |
| | | *For >50 To 200, Deduct* | *-0.62* | |
| | | *For >200 To 400, Deduct* | *-1.03* | |
| | | *For >400, Deduct* | *-1.64* | |
| **08 83 13 00-0010** | | **Tempered, Clear Mirror Glass** *(08 83 13 00-0001)* | | |
| 08 83 13 00-0011 | SF | 1/8" Tempered, Clear Mirror Glass | 44.38 | 5.49 |
| | | *For >50 To 200, Deduct* | *-1.00* | |
| | | *For >200 To 400, Deduct* | *-1.67* | |
| | | *For >400, Deduct* | *-2.67* | |
| 08 83 13 00-0012 | SF | 3/16" Tempered, Clear Mirror Glass | 50.35 | 6.40 |
| | | *For >50 To 200, Deduct* | *-1.13* | |
| | | *For >200 To 400, Deduct* | *-1.89* | |
| | | *For >400, Deduct* | *-3.02* | |
| 08 83 13 00-0013 | SF | 1/4" Tempered, Clear Mirror Glass | 55.62 | 6.85 |
| | | *For >50 To 200, Deduct* | *-1.26* | |
| | | *For >200 To 400, Deduct* | *-2.10* | |
| | | *For >400, Deduct* | *-3.37* | |
| **08 83 13 00-0014** | | **Clear Mirror Glass With Laminated Safety Backing** *(08 83 13 00-0001)* | | |
| 08 83 13 00-0015 | SF | 1/4" Clear Mirror Glass With Laminated Safety Backing | 34.77 | 6.85 |
| | | *For >50 To 200, Deduct* | *-0.64* | |
| | | *For >200 To 400, Deduct* | *-1.06* | |
| | | *For >400, Deduct* | *-1.70* | |
| **08 83 13 00-0016** | | **Laminated Safety Mirror Glass** *(08 83 13 00-0001)* | | |
| | | Note: Clear glass laminated to face of mirror with PVB interlayer. | | |
| 08 83 13 00-0017 | SF | 1/4" Laminated Safety Mirror Glass | 67.86 | 6.85 |
| | | *For >50 To 200, Deduct* | *-1.63* | |
| | | *For >200 To 400, Deduct* | *-2.72* | |
| | | *For >400, Deduct* | *-4.35* | |
| **08 83 13 00-0018** | | **Accessories For Mirror Glass** *(08 83 13)* | | |
| 08 83 13 00-0019 | LF | 1/8" Aluminum J-Channel For Mounting Mirror Glass | 5.09 | |
| 08 83 13 00-0020 | LF | 3/16" Aluminum J-Channel For Mounting Mirror Glass | 5.21 | |
| 08 83 13 00-0021 | LF | 1/4" Aluminum J-Channel For Mounting Mirror Glass | 6.82 | |
| 08 83 13 00-0022 | LF | Aluminum Frame For Mounting Mirror Glass | 9.06 | |
| **08 83 13 00-0023** | | **Removal And Reinstallation Of Mirror Glass** *(08 83 13)* | | |
| | | Note: Including storage, cleaning and supply materials. | | |
| 08 83 13 00-0024 | SF | Removal And Reinstallation Of Mirror Unframed | 17.29 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.13* | |

## 08 84 Plastic Glazing *(08 80)*

| | | | | |
|---|---|---|---|---|
| **08 84 00 00-0001** | | **Clear Polycarbonate Glazing (GE Lexan)** *(08 84)* | | |
| | | See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing. | | |
| 08 84 00 00-0002 | SF | 1/8" Thick, Clear Polycarbonate Glazing (GE Lexan) | 16.60 | |
| | | *For >50 To 200, Deduct* | *-0.40* | |
| | | *For >200 To 400, Deduct* | *-0.80* | |
| | | *For >400, Deduct* | *-1.20* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *8.62* | |
| 08 84 00 00-0003 | SF | 3/16" Thick, Clear Polycarbonate Glazing (GE Lexan) | 17.50 | |
| | | *For >50 To 200, Deduct* | *-0.43* | |
| | | *For >200 To 400, Deduct* | *-0.85* | |
| | | *For >400, Deduct* | *-1.28* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *8.96* | |
| 08 84 00 00-0004 | SF | 1/4" Thick, Clear Polycarbonate Glazing (GE Lexan) | 20.90 | |
| | | *For >50 To 200, Deduct* | *-0.58* | |
| | | *For >200 To 400, Deduct* | *-1.16* | |
| | | *For >400, Deduct* | *-1.74* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *9.32* | |
| 08 84 00 00-0005 | SF | 3/8" Thick, Clear Polycarbonate Glazing (GE Lexan) | 30.37 | |
| | | *For >50 To 200, Deduct* | *-1.04* | |
| | | *For >200 To 400, Deduct* | *-2.08* | |
| | | *For >400, Deduct* | *-3.12* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *9.58* | |
| 08 84 00 00-0006 | SF | 1/2" Thick, Clear Polycarbonate Glazing (GE Lexan) | 38.54 | |
| | | *For >50 To 200, Deduct* | *-1.41* | |
| | | *For >200 To 400, Deduct* | *-2.83* | |
| | | *For >400, Deduct* | *-4.24* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *10.28* | |
| **08 84 00 00-0007** | | **Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)** *(08 84)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 84 00 00-0008 | SF | 1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) | 25.02 | |
| | | *For >50 To 200, Deduct* | *-0.82* | |
| | | *For >200 To 400, Deduct* | *-1.64* | |
| | | *For >400, Deduct* | *-2.46* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *8.62* | |
| 08 84 00 00-0009 | SF | 3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) | 29.14 | |
| | | *For >50 To 200, Deduct* | *-1.01* | |
| | | *For >200 To 400, Deduct* | *-2.02* | |
| | | *For >400, Deduct* | *-3.03* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *8.96* | |
| 08 84 00 00-0010 | SF | 1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) | 30.79 | |
| | | *For >50 To 200, Deduct* | *-1.07* | |
| | | *For >200 To 400, Deduct* | *-2.15* | |
| | | *For >400, Deduct* | *-3.22* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *9.32* | |
| 08 84 00 00-0011 | SF | 3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) | 51.06 | |
| | | *For >50 To 200, Deduct* | *-2.07* | |
| | | *For >200 To 400, Deduct* | *-4.15* | |
| | | *For >400, Deduct* | *-6.22* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *9.58* | |
| 08 84 00 00-0012 | SF | 1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) | 54.24 | |
| | | *For >50 To 200, Deduct* | *-2.20* | |
| | | *For >200 To 400, Deduct* | *-4.40* | |
| | | *For >400, Deduct* | *-6.59* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *10.28* | |

## 08 84 00 00-0013 Clear Acrylic Glazing (Plexiglas) *(08 84)*

| | | | | |
|---|---|---|---|---|
| 08 84 00 00-0014 | SF | 1/10" Thick, Clear Acrylic Glazing (Plexiglas) | 12.37 | |
| | | *For >50 To 200, Deduct* | *-0.21* | |
| | | *For >200 To 400, Deduct* | *-0.41* | |
| | | *For >400, Deduct* | *-0.62* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *8.23* | |
| | | *For Colored, Add* | *0.83* | |
| | | *For Shatterproof, Add* | *2.48* | |
| | | *For Mirrored, Add* | *3.31* | |
| 08 84 00 00-0015 | SF | 1/8" Thick, Clear Acrylic Glazing (Plexiglas) | 12.81 | |
| | | *For >50 To 200, Deduct* | *-0.21* | |
| | | *For >200 To 400, Deduct* | *-0.42* | |
| | | *For >400, Deduct* | *-0.63* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *8.62* | |
| | | *For Colored, Add* | *0.84* | |
| | | *For Shatterproof, Add* | *2.51* | |
| | | *For Mirrored, Add* | *3.35* | |
| 08 84 00 00-0016 | SF | 3/16" Thick, Clear Acrylic Glazing (Plexiglas) | 15.50 | |
| | | *For >50 To 200, Deduct* | *-0.33* | |
| | | *For >200 To 400, Deduct* | *-0.65* | |
| | | *For >400, Deduct* | *-0.98* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *8.96* | |
| | | *For Colored, Add* | *1.31* | |
| | | *For Shatterproof, Add* | *3.92* | |
| | | *For Mirrored, Add* | *5.23* | |
| 08 84 00 00-0017 | SF | 1/4" Thick, Clear Acrylic Glazing (Plexiglas) | 17.93 | |
| | | *For >50 To 200, Deduct* | *-0.43* | |
| | | *For >200 To 400, Deduct* | *-0.86* | |
| | | *For >400, Deduct* | *-1.29* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *9.32* | |
| | | *For Colored, Add* | *1.72* | |
| | | *For Shatterproof, Add* | *5.17* | |
| | | *For Mirrored, Add* | *6.89* | |
| 08 84 00 00-0018 | SF | 5/16" Thick, Clear Acrylic Glazing (Plexiglas) | 18.39 | |
| | | *For >50 To 200, Deduct* | *-0.45* | |
| | | *For >200 To 400, Deduct* | *-0.90* | |
| | | *For >400, Deduct* | *-1.35* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *9.37* | |
| | | *For Colored, Add* | *1.80* | |
| | | *For Shatterproof, Add* | *5.41* | |
| | | *For Mirrored, Add* | *7.22* | |
| 08 84 00 00-0019 | SF | 3/8" Thick, Clear Acrylic Glazing (Plexiglas) | 19.01 | |
| | | *For >50 To 200, Deduct* | *-0.47* | |
| | | *For >200 To 400, Deduct* | *-0.94* | |
| | | *For >400, Deduct* | *-1.41* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *9.58* | |
| | | *For Colored, Add* | *1.89* | |
| | | *For Shatterproof, Add* | *5.66* | |
| | | *For Mirrored, Add* | *7.54* | |
| 08 84 00 00-0020 | SF | 1/2" Thick, Clear Acrylic Glazing (Plexiglas) | 22.75 | |
| | | *For >50 To 200, Deduct* | *-0.62* | |
| | | *For >200 To 400, Deduct* | *-1.25* | |
| | | *For >400, Deduct* | *-1.87* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *10.28* | |
| | | *For Colored, Add* | *2.49* | |
| | | *For Shatterproof, Add* | *7.48* | |
| | | *For Mirrored, Add* | *9.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 84 00 00-0021 | SF | 3/4" Thick, Clear Acrylic Glazing (Plexiglas) | 32.43 | |
| | | *For >50 To 200, Deduct* | *-0.97* | |
| | | *For >200 To 400, Deduct* | *-1.94* | |
| | | *For >400, Deduct* | *-2.91* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *13.01* | |
| 08 84 00 00-0022 | SF | 1" Thick, Clear Acrylic Glazing (Plexiglas) | 44.00 | |
| | | *For >50 To 200, Deduct* | *-1.49* | |
| | | *For >200 To 400, Deduct* | *-2.99* | |
| | | *For >400, Deduct* | *-4.48* | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *14.13* | |

## 08 87 Glazing Surface Films *(08 80)*

### 08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

#### 08 87 13 00-0001 Solar Control Window Films *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

| | | | |
|---|---|---|---|
| 08 87 13 00-0002 | SF | 20% VLT, Bronze Window Tinting Film | 8.92 |
| 08 87 13 00-0003 | SF | 50% VLT, Bronze Window Tinting Film | 8.92 |
| 08 87 13 00-0004 | SF | Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™) | 14.06 |
| 08 87 13 00-0005 | SF | Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™) | 14.62 |

### 08 87 23 Safety and Security Films *(08 87)*

### 08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

#### 08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

#### 08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

| | | | |
|---|---|---|---|
| 08 87 23 16-0003 | SF | 0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150) | 14.32 |
| | | *For >1,000 To 5,000, Deduct* | *-0.65* |
| | | *For >5,000, Deduct* | *-0.95* |
| 08 87 23 16-0004 | SF | 0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400) | 15.36 |
| | | *For >1,000 To 5,000, Deduct* | *-0.68* |
| | | *For >5,000, Deduct* | *-1.06* |
| 08 87 23 16-0005 | SF | 0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600) | 16.80 |
| | | *For >1,000 To 5,000, Deduct* | *-0.74* |
| | | *For >5,000, Deduct* | *-1.20* |

#### 08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*

| | | | |
|---|---|---|---|
| 08 87 23 16-0007 | SF | 0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400) | 16.51 |
| | | *For >1,000 To 5,000, Deduct* | *-0.73* |
| | | *For >5,000, Deduct* | *-1.17* |
| 08 87 23 16-0008 | SF | 0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400) | 16.51 |
| | | *For >1,000 To 5,000, Deduct* | *-0.73* |
| | | *For >5,000, Deduct* | *-1.17* |
| 08 87 23 16-0009 | SF | 0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400) | 16.51 |
| | | *For >1,000 To 5,000, Deduct* | *-0.73* |
| | | *For >5,000, Deduct* | *-1.17* |

#### 08 87 23 16-0010 Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

| | | | |
|---|---|---|---|
| 08 87 23 16-0011 | SF | 0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL) | 13.17 |
| | | *For >1,000 To 5,000, Deduct* | *-0.61* |
| | | *For >5,000, Deduct* | *-0.84* |
| 08 87 23 16-0012 | SF | 0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL) | 13.45 |
| | | *For >1,000 To 5,000, Deduct* | *-0.62* |
| | | *For >5,000, Deduct* | *-0.87* |
| 08 87 23 16-0013 | SF | 0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL) | 16.06 |
| | | *For >1,000 To 5,000, Deduct* | *-0.71* |
| | | *For >5,000, Deduct* | *-1.13* |

#### 08 87 23 16-0014 Anti-Graffiti Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

| | | | |
|---|---|---|---|
| 08 87 23 16-0015 | SF | 0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4) | 13.17 |
| | | *For >1,000 To 5,000, Deduct* | *-0.61* |
| | | *For >5,000, Deduct* | *-0.84* |
| 08 87 23 16-0016 | SF | 0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7) | 13.45 |
| | | *For >1,000 To 5,000, Deduct* | *-0.62* |
| | | *For >5,000, Deduct* | *-0.87* |

## 08 88 Special Function Glazing *(08 80)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **08 88 49** | | **Radiation-Resistant Glazing** *(08 88)* | | |
| 08 88 49 00-0001 | | Leaded Glass (X-Ray Shielding) *(08 88 49)* | | |
| 08 88 49 00-0002 | SF | 1/4" Thick Lead Glass With 1/16" Lead Equivalence | 318.70 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.36* | |
| 08 88 49 00-0003 | SF | 1/4" Thick Lead Glass With 1/8" Lead Equivalence | 474.99 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.36* | |
| **08 88 53** | | **Security Glazing** *(08 88)* | | |
| 08 88 53 00-0001 | | Forced Entry And/Or Ballistic Resistant All Glass Laminate *(08 88 53)* | | |
| 08 88 53 00-0002 | | Ballistic Resistant Glass *(08 88 53 00-0001)* | | |
| 08 88 53 00-0003 | SF | 1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, Up To 15 SF | 124.13 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *56.65* | |
| 08 88 53 00-0004 | SF | 1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, >15 SF | 146.99 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *56.65* | |
| 08 88 53 00-0005 | SF | 1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, Up To 15 SF | 166.75 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *63.97* | |
| 08 88 53 00-0006 | SF | 1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, >15 SF | 185.85 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *63.97* | |
| 08 88 53 00-0007 | SF | 2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, Up To 15 SF | 211.17 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *73.10* | |
| 08 88 53 00-0008 | SF | 2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, >15 SF | 226.52 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *73.10* | |
| 08 88 53 00-0009 | | Forced Entry Resistant Glass *(08 88 53 00-0001)* | | |
| 08 88 53 00-0010 | SF | 5/16" Forced Entry Resistant Laminated Glass Sheet | 37.63 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *14.27* | |
| 08 88 53 00-0011 | SF | 1/2" Forced Entry Resistant Laminated Glass Sheet | 42.53 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *15.23* | |
| 08 88 53 00-0012 | SF | 11/16" Forced Entry Resistant Laminated Glass Sheet | 48.32 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *16.32* | |
| 08 88 53 00-0013 | SF | 7/8" Forced Entry Resistant Laminated Glass Sheet | 54.37 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *17.57* | |
| 08 88 53 00-0014 | | Glass Clad Polycarbonate *(08 88 53)* | | |
| 08 88 53 00-0015 | SF | 0.75" Ballistic Resistant Glass/Poly, 7.84 LB/SF | 183.25 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *69.44* | |
| 08 88 53 00-0016 | SF | 0.8125" Ballistic Resistant Glass/Poly, 8.99 LB/SF | 204.56 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *80.41* | |
| 08 88 53 00-0017 | SF | 0.9375" Ballistic Resistant Glass/Poly, 11.11 LB/SF | 262.82 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *91.37* | |
| 08 88 53 00-0018 | | Ballistic Resistant Acrylic *(08 88 53)* | | |
| 08 88 53 00-0019 | SF | 1.25" Ballistic Resistant Acrylic Glass, 7.7 LB/SF | 320.70 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *69.44* | |
| 08 88 53 00-0020 | SF | 1.378" Ballistic Resistant Acrylic Glass, 8.5 LB/SF | 376.01 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *80.41* | |
| 08 88 53 00-0021 | SF | 1.25" Ballistic Resistant Acrylic Glass, 7.5 LB/SF | 505.21 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *91.37* | |
| 08 88 53 00-0022 | | Ballistic Resistant Fiberglass *(08 88 53)* | | |
| 08 88 53 00-0023 | SF | 5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF | 76.71 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *34.73* | |
| 08 88 53 00-0024 | SF | 3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF | 90.84 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *40.20* | |
| 08 88 53 00-0025 | SF | 7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF | 103.04 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *45.69* | |
| 08 88 53 00-0026 | | Forced Entry And/Or Ballistic Resistant Polycarbonate *(08 88 53)* | | |
| 08 88 53 00-0027 | | Forced Entry Resistant Monolithic Polycarbonate *(08 88 53 00-0026)*<br>Note: GE-Lexan MR10. | | |
| 08 88 53 00-0028 | SF | 1/2" Overall Nominal Thickness, H.P. White TP-0500.01<br>Note: Level 1 or ASTM F1233, Class II (Step 5). | 102.30 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *55.38* | |
| 08 88 53 00-0029 | | Forced Entry Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)*<br>Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard. | | |
| 08 88 53 00-0030 | SF | 9/16" Overall Nominal Thickness, H.P. White TP-0500.01 | 126.45 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *68.53* | |
| 08 88 53 00-0031 | | Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*<br>Note: GE-Lexgard MPC-500. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 88 53 00-0032 | SF | 1/2" Overall Nominal Thickness, H.P. White TP-0500.01<br>Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15). | 156.71 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *73.10* | |

### 08 88 53 00-0033 Fire Resistant, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*

Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.

| | | | | |
|---|---|---|---|---|
| 08 88 53 00-0034 | SF | 7/8" Overall Nominal Thickness, H.P. White TP-0500.01<br>Note: UL-9 Fire Resistant. | 172.03 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *77.67* | |

### 08 88 53 00-0035 Insulated, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*

Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.

| | | | | |
|---|---|---|---|---|
| 08 88 53 00-0036 | SF | 1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01<br>Note: Level I (1/4" tempered float glass, 1/2" airspace). | 147.16 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *68.53* | |

### 08 88 53 00-0037 Ballistic And Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*

| | | | | |
|---|---|---|---|---|
| 08 88 53 00-0038 | SF | 1" Nominal Thickness, Ballistic Or Forced Entry Resistant<br>Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun). | 340.26 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *151.68* | |
| 08 88 53 00-0039 | SF | 1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant<br>Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun). | 344.72 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *151.68* | |

### 08 88 53 00-0040 Ballistic Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)*

Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.

| | | | | |
|---|---|---|---|---|
| 08 88 53 00-0041 | SF | 1-5/16" Overall Nominal Thickness, Ballistic Resistant<br>Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard). | 226.31 | |
| | | *For Glass Removal And Preparing Opening For New Glazing, Add* | *102.34* | |

## 08 90 Louvers and Vents *(08)*

## 08 91 Louvers *(08 90)*

### 08 91 13 Motorized Wall Louvers *(08 91)*

### 08 91 13 00-0001 Motorized Wall Louver Actuator *(08 91 13)*

See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.

| | | | | |
|---|---|---|---|---|
| 08 91 13 00-0002 | EA | 115 Volt Actuator For Adjustable Intake Louver | 1,650.36 | 94.49 |
| 08 91 13 00-0003 | EA | 230 Volt Actuator For Adjustable Intake Louver | 2,532.38 | 94.49 |
| 08 91 13 00-0004 | EA | 24 Volt Actuator For Adjustable Intake Louver | 1,776.08 | 94.49 |
| 08 91 13 00-0005 | EA | 115 Volt Hazardous Location Actuator For Adjustable Intake Louver | 6,953.26 | 94.49 |

### 08 91 16 Operable Wall Louvers *(08 91)*

### 08 91 16 00-0001 Adjustable Intake Wall Louvers *(08 91 16)*

See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.

| | | | | |
|---|---|---|---|---|
| 08 91 16 00-0002 | EA | 12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 453.71 | 25.02 |
| | | *For Flange Frame, Add* | *40.37* | |
| | | *For Clear Lacquer Finish, Add* | *80.74* | |
| | | *For Baked Enamel Standard Colors, Add* | *121.10* | |
| | | *For Anodized Finish, Add* | *161.47* | |
| | | *For Kynar® Standard Colors Finish, Add* | *222.02* | |
| 08 91 16 00-0003 | EA | 12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 566.98 | 30.58 |
| | | *For Flange Frame, Add* | *50.58* | |
| | | *For Clear Lacquer Finish, Add* | *101.17* | |
| | | *For Baked Enamel Standard Colors, Add* | *151.75* | |
| | | *For Anodized Finish, Add* | *202.33* | |
| | | *For Kynar® Standard Colors Finish, Add* | *278.21* | |
| 08 91 16 00-0004 | EA | 12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 670.42 | 36.13 |
| | | *For Flange Frame, Add* | *59.82* | |
| | | *For Clear Lacquer Finish, Add* | *119.63* | |
| | | *For Baked Enamel Standard Colors, Add* | *179.45* | |
| | | *For Anodized Finish, Add* | *239.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *328.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0005 | EA | 12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 784.67 | 41.69 |
| | | *For Flange Frame, Add* | *70.13* | |
| | | *For Clear Lacquer Finish, Add* | *140.26* | |
| | | *For Baked Enamel Standard Colors, Add* | *210.39* | |
| | | *For Anodized Finish, Add* | *280.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *385.71* | |
| 08 91 16 00-0006 | EA | 12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 884.18 | 47.25 |
| | | *For Flange Frame, Add* | *78.97* | |
| | | *For Clear Lacquer Finish, Add* | *157.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *236.91* | |
| | | *For Anodized Finish, Add* | *315.88* | |
| | | *For Kynar® Standard Colors Finish, Add* | *434.33* | |
| 08 91 16 00-0007 | EA | 12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,043.61 | 52.81 |
| | | *For Flange Frame, Add* | *93.80* | |
| | | *For Clear Lacquer Finish, Add* | *187.60* | |
| | | *For Baked Enamel Standard Colors, Add* | *281.40* | |
| | | *For Anodized Finish, Add* | *375.20* | |
| | | *For Kynar® Standard Colors Finish, Add* | *515.90* | |
| 08 91 16 00-0008 | EA | 12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,189.29 | 58.37 |
| | | *For Flange Frame, Add* | *107.26* | |
| | | *For Clear Lacquer Finish, Add* | *214.51* | |
| | | *For Baked Enamel Standard Colors, Add* | *321.77* | |
| | | *For Anodized Finish, Add* | *429.02* | |
| | | *For Kynar® Standard Colors Finish, Add* | *589.91* | |
| 08 91 16 00-0009 | EA | 12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,320.89 | 66.71 |
| | | *For Flange Frame, Add* | *118.75* | |
| | | *For Clear Lacquer Finish, Add* | *237.50* | |
| | | *For Baked Enamel Standard Colors, Add* | *356.24* | |
| | | *For Anodized Finish, Add* | *474.99* | |
| | | *For Kynar® Standard Colors Finish, Add* | *653.11* | |
| 08 91 16 00-0010 | EA | 12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,409.60 | 72.26 |
| | | *For Flange Frame, Add* | *126.51* | |
| | | *For Clear Lacquer Finish, Add* | *253.01* | |
| | | *For Baked Enamel Standard Colors, Add* | *379.52* | |
| | | *For Anodized Finish, Add* | *506.03* | |
| | | *For Kynar® Standard Colors Finish, Add* | *695.79* | |
| 08 91 16 00-0011 | EA | 12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,520.90 | 77.82 |
| | | *For Flange Frame, Add* | *136.53* | |
| | | *For Clear Lacquer Finish, Add* | *273.05* | |
| | | *For Baked Enamel Standard Colors, Add* | *409.58* | |
| | | *For Anodized Finish, Add* | *546.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *750.89* | |
| 08 91 16 00-0012 | EA | 12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,618.45 | 83.38 |
| | | *For Flange Frame, Add* | *145.17* | |
| | | *For Clear Lacquer Finish, Add* | *290.34* | |
| | | *For Baked Enamel Standard Colors, Add* | *435.51* | |
| | | *For Anodized Finish, Add* | *580.68* | |
| | | *For Kynar® Standard Colors Finish, Add* | *798.43* | |
| 08 91 16 00-0013 | EA | 12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,743.51 | 88.94 |
| | | *For Flange Frame, Add* | *156.56* | |
| | | *For Clear Lacquer Finish, Add* | *313.13* | |
| | | *For Baked Enamel Standard Colors, Add* | *469.69* | |
| | | *For Anodized Finish, Add* | *626.25* | |
| | | *For Kynar® Standard Colors Finish, Add* | *861.10* | |
| 08 91 16 00-0014 | EA | 12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,863.65 | 94.49 |
| | | *For Flange Frame, Add* | *167.47* | |
| | | *For Clear Lacquer Finish, Add* | *334.93* | |
| | | *For Baked Enamel Standard Colors, Add* | *502.40* | |
| | | *For Anodized Finish, Add* | *669.86* | |
| | | *For Kynar® Standard Colors Finish, Add* | *921.06* | |
| 08 91 16 00-0015 | EA | 12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,012.93 | 102.83 |
| | | *For Flange Frame, Add* | *180.73* | |
| | | *For Clear Lacquer Finish, Add* | *361.45* | |
| | | *For Baked Enamel Standard Colors, Add* | *542.18* | |
| | | *For Anodized Finish, Add* | *722.90* | |
| | | *For Kynar® Standard Colors Finish, Add* | *993.99* | |
| 08 91 16 00-0016 | EA | 12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,122.90 | 111.17 |
| | | *For Flange Frame, Add* | *190.06* | |
| | | *For Clear Lacquer Finish, Add* | *380.11* | |
| | | *For Baked Enamel Standard Colors, Add* | *570.17* | |
| | | *For Anodized Finish, Add* | *760.22* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,045.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0017 | EA | 18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 509.03 | 30.58 |
| | | *For Flange Frame, Add* | *44.79* | |
| | | *For Clear Lacquer Finish, Add* | *89.58* | |
| | | *For Baked Enamel Standard Colors, Add* | *134.36* | |
| | | *For Anodized Finish, Add* | *179.15* | |
| | | *For Kynar® Standard Colors Finish, Add* | *246.33* | |
| 08 91 16 00-0018 | EA | 18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 642.58 | 38.91 |
| | | *For Flange Frame, Add* | *56.48* | |
| | | *For Clear Lacquer Finish, Add* | *112.95* | |
| | | *For Baked Enamel Standard Colors, Add* | *169.43* | |
| | | *For Anodized Finish, Add* | *225.90* | |
| | | *For Kynar® Standard Colors Finish, Add* | *310.62* | |
| 08 91 16 00-0019 | EA | 18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 753.89 | 44.47 |
| | | *For Flange Frame, Add* | *66.50* | |
| | | *For Clear Lacquer Finish, Add* | *132.99* | |
| | | *For Baked Enamel Standard Colors, Add* | *199.49* | |
| | | *For Anodized Finish, Add* | *265.98* | |
| | | *For Kynar® Standard Colors Finish, Add* | *365.72* | |
| 08 91 16 00-0020 | EA | 18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 938.18 | 55.59 |
| | | *For Flange Frame, Add* | *82.70* | |
| | | *For Clear Lacquer Finish, Add* | *165.40* | |
| | | *For Baked Enamel Standard Colors, Add* | *248.10* | |
| | | *For Anodized Finish, Add* | *330.80* | |
| | | *For Kynar® Standard Colors Finish, Add* | *454.86* | |
| 08 91 16 00-0021 | EA | 18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,067.17 | 61.15 |
| | | *For Flange Frame, Add* | *94.49* | |
| | | *For Clear Lacquer Finish, Add* | *188.98* | |
| | | *For Baked Enamel Standard Colors, Add* | *283.46* | |
| | | *For Anodized Finish, Add* | *377.95* | |
| | | *For Kynar® Standard Colors Finish, Add* | *519.68* | |
| 08 91 16 00-0022 | EA | 18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,196.15 | 66.71 |
| | | *For Flange Frame, Add* | *106.27* | |
| | | *For Clear Lacquer Finish, Add* | *212.55* | |
| | | *For Baked Enamel Standard Colors, Add* | *318.82* | |
| | | *For Anodized Finish, Add* | *425.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *584.51* | |
| 08 91 16 00-0023 | EA | 18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,350.67 | 72.26 |
| | | *For Flange Frame, Add* | *120.61* | |
| | | *For Clear Lacquer Finish, Add* | *241.23* | |
| | | *For Baked Enamel Standard Colors, Add* | *361.84* | |
| | | *For Anodized Finish, Add* | *482.46* | |
| | | *For Kynar® Standard Colors Finish, Add* | *663.38* | |
| 08 91 16 00-0024 | EA | 18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,497.97 | 80.60 |
| | | *For Flange Frame, Add* | *133.68* | |
| | | *For Clear Lacquer Finish, Add* | *267.35* | |
| | | *For Baked Enamel Standard Colors, Add* | *401.03* | |
| | | *For Anodized Finish, Add* | *534.71* | |
| | | *For Kynar® Standard Colors Finish, Add* | *735.22* | |
| 08 91 16 00-0025 | EA | 18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,615.82 | 88.94 |
| | | *For Flange Frame, Add* | *143.79* | |
| | | *For Clear Lacquer Finish, Add* | *287.59* | |
| | | *For Baked Enamel Standard Colors, Add* | *431.38* | |
| | | *For Anodized Finish, Add* | *575.18* | |
| | | *For Kynar® Standard Colors Finish, Add* | *790.87* | |
| 08 91 16 00-0026 | EA | 18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,729.09 | 94.49 |
| | | *For Flange Frame, Add* | *154.01* | |
| | | *For Clear Lacquer Finish, Add* | *308.02* | |
| | | *For Baked Enamel Standard Colors, Add* | *462.03* | |
| | | *For Anodized Finish, Add* | *616.04* | |
| | | *For Kynar® Standard Colors Finish, Add* | *847.05* | |
| 08 91 16 00-0027 | EA | 18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,835.48 | 100.05 |
| | | *For Flange Frame, Add* | *163.54* | |
| | | *For Clear Lacquer Finish, Add* | *327.07* | |
| | | *For Baked Enamel Standard Colors, Add* | *490.61* | |
| | | *For Anodized Finish, Add* | *654.14* | |
| | | *For Kynar® Standard Colors Finish, Add* | *899.45* | |
| 08 91 16 00-0028 | EA | 18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,973.31 | 105.61 |
| | | *For Flange Frame, Add* | *176.21* | |
| | | *For Clear Lacquer Finish, Add* | *352.41* | |
| | | *For Baked Enamel Standard Colors, Add* | *528.62* | |
| | | *For Anodized Finish, Add* | *704.83* | |
| | | *For Kynar® Standard Colors Finish, Add* | *969.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0029 | EA | 18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,106.20 | 111.17 |
| | | *For Flange Frame, Add* | *188.39* | |
| | | *For Clear Lacquer Finish, Add* | *376.77* | |
| | | *For Baked Enamel Standard Colors, Add* | *565.16* | |
| | | *For Anodized Finish, Add* | *753.54* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,036.12* | |
| 08 91 16 00-0030 | EA | 18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,268.25 | 119.51 |
| | | *For Flange Frame, Add* | *202.92* | |
| | | *For Clear Lacquer Finish, Add* | *405.85* | |
| | | *For Baked Enamel Standard Colors, Add* | *608.77* | |
| | | *For Anodized Finish, Add* | *811.69* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,116.08* | |
| 08 91 16 00-0031 | EA | 18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,391.00 | 127.85 |
| | | *For Flange Frame, Add* | *213.53* | |
| | | *For Clear Lacquer Finish, Add* | *427.06* | |
| | | *For Baked Enamel Standard Colors, Add* | *640.59* | |
| | | *For Anodized Finish, Add* | *854.12* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,174.42* | |
| 08 91 16 00-0032 | EA | 24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 569.25 | 36.13 |
| | | *For Flange Frame, Add* | *49.70* | |
| | | *For Clear Lacquer Finish, Add* | *99.40* | |
| | | *For Baked Enamel Standard Colors, Add* | *149.10* | |
| | | *For Anodized Finish, Add* | *198.80* | |
| | | *For Kynar® Standard Colors Finish, Add* | *273.34* | |
| 08 91 16 00-0033 | EA | 24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 722.46 | 44.47 |
| | | *For Flange Frame, Add* | *63.35* | |
| | | *For Clear Lacquer Finish, Add* | *126.70* | |
| | | *For Baked Enamel Standard Colors, Add* | *190.06* | |
| | | *For Anodized Finish, Add* | *253.41* | |
| | | *For Kynar® Standard Colors Finish, Add* | *348.44* | |
| 08 91 16 00-0034 | EA | 24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 895.30 | 52.81 |
| | | *For Flange Frame, Add* | *78.97* | |
| | | *For Clear Lacquer Finish, Add* | *157.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *236.91* | |
| | | *For Anodized Finish, Add* | *315.88* | |
| | | *For Kynar® Standard Colors Finish, Add* | *434.33* | |
| 08 91 16 00-0035 | EA | 24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,056.03 | 63.93 |
| | | *For Flange Frame, Add* | *92.82* | |
| | | *For Clear Lacquer Finish, Add* | *185.64* | |
| | | *For Baked Enamel Standard Colors, Add* | *278.45* | |
| | | *For Anodized Finish, Add* | *371.27* | |
| | | *For Kynar® Standard Colors Finish, Add* | *510.50* | |
| 08 91 16 00-0036 | EA | 24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,197.78 | 69.49 |
| | | *For Flange Frame, Add* | *105.88* | |
| | | *For Clear Lacquer Finish, Add* | *211.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *317.64* | |
| | | *For Anodized Finish, Add* | *423.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *582.35* | |
| 08 91 16 00-0037 | EA | 24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,347.39 | 75.04 |
| | | *For Flange Frame, Add* | *119.73* | |
| | | *For Clear Lacquer Finish, Add* | *239.46* | |
| | | *For Baked Enamel Standard Colors, Add* | *359.19* | |
| | | *For Anodized Finish, Add* | *478.92* | |
| | | *For Kynar® Standard Colors Finish, Add* | *658.52* | |
| 08 91 16 00-0038 | EA | 24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,532.02 | 83.38 |
| | | *For Flange Frame, Add* | *136.53* | |
| | | *For Clear Lacquer Finish, Add* | *273.05* | |
| | | *For Baked Enamel Standard Colors, Add* | *409.58* | |
| | | *For Anodized Finish, Add* | *546.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *750.89* | |
| 08 91 16 00-0039 | EA | 24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,687.84 | 94.49 |
| | | *For Flange Frame, Add* | *149.88* | |
| | | *For Clear Lacquer Finish, Add* | *299.77* | |
| | | *For Baked Enamel Standard Colors, Add* | *449.65* | |
| | | *For Anodized Finish, Add* | *599.54* | |
| | | *For Kynar® Standard Colors Finish, Add* | *824.36* | |
| 08 91 16 00-0040 | EA | 24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,808.96 | 100.05 |
| | | *For Flange Frame, Add* | *160.88* | |
| | | *For Clear Lacquer Finish, Add* | *321.77* | |
| | | *For Baked Enamel Standard Colors, Add* | *482.65* | |
| | | *For Anodized Finish, Add* | *643.54* | |
| | | *For Kynar® Standard Colors Finish, Add* | *884.86* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0041 | EA | 24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum | 1,941.19 | 111.17 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *171.89* | |
| | | *For Clear Lacquer Finish, Add* | *343.77* | |
| | | *For Baked Enamel Standard Colors, Add* | *515.66* | |
| | | *For Anodized Finish, Add* | *687.54* | |
| | | *For Kynar® Standard Colors Finish, Add* | *945.37* | |
| 08 91 16 00-0042 | EA | 24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum | 2,064.28 | 116.73 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *183.08* | |
| | | *For Clear Lacquer Finish, Add* | *366.16* | |
| | | *For Baked Enamel Standard Colors, Add* | *549.25* | |
| | | *For Anodized Finish, Add* | *732.33* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,006.95* | |
| 08 91 16 00-0043 | EA | 24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum | 2,231.57 | 122.29 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *198.70* | |
| | | *For Clear Lacquer Finish, Add* | *397.40* | |
| | | *For Baked Enamel Standard Colors, Add* | *596.10* | |
| | | *For Anodized Finish, Add* | *794.80* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,092.84* | |
| 08 91 16 00-0044 | EA | 24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum | 2,373.32 | 127.85 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *211.76* | |
| | | *For Clear Lacquer Finish, Add* | *423.52* | |
| | | *For Baked Enamel Standard Colors, Add* | *635.29* | |
| | | *For Anodized Finish, Add* | *847.05* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,164.69* | |
| 08 91 16 00-0045 | EA | 24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum | 2,552.07 | 136.19 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *227.97* | |
| | | *For Clear Lacquer Finish, Add* | *455.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *683.91* | |
| | | *For Anodized Finish, Add* | *911.88* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,253.83* | |
| 08 91 16 00-0046 | EA | 24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum | 2,683.65 | 144.53 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *239.46* | |
| | | *For Clear Lacquer Finish, Add* | *478.92* | |
| | | *For Baked Enamel Standard Colors, Add* | *718.38* | |
| | | *For Anodized Finish, Add* | *957.84* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,317.03* | |
| 08 91 16 00-0047 | EA | 30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum | 634.39 | 41.69 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *55.10* | |
| | | *For Clear Lacquer Finish, Add* | *110.20* | |
| | | *For Baked Enamel Standard Colors, Add* | *165.30* | |
| | | *For Anodized Finish, Add* | *220.40* | |
| | | *For Kynar® Standard Colors Finish, Add* | *303.06* | |
| 08 91 16 00-0048 | EA | 30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum | 844.87 | 55.59 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *73.37* | |
| | | *For Clear Lacquer Finish, Add* | *146.74* | |
| | | *For Baked Enamel Standard Colors, Add* | *220.11* | |
| | | *For Anodized Finish, Add* | *293.48* | |
| | | *For Kynar® Standard Colors Finish, Add* | *403.54* | |
| 08 91 16 00-0049 | EA | 30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum | 1,002.99 | 63.93 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *87.51* | |
| | | *For Clear Lacquer Finish, Add* | *175.03* | |
| | | *For Baked Enamel Standard Colors, Add* | *262.54* | |
| | | *For Anodized Finish, Add* | *350.06* | |
| | | *For Kynar® Standard Colors Finish, Add* | *481.33* | |
| 08 91 16 00-0050 | EA | 30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum | 1,175.84 | 72.26 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *103.13* | |
| | | *For Clear Lacquer Finish, Add* | *206.26* | |
| | | *For Baked Enamel Standard Colors, Add* | *309.39* | |
| | | *For Anodized Finish, Add* | *412.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *567.22* | |
| 08 91 16 00-0051 | EA | 30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum | 1,330.35 | 77.82 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *117.47* | |
| | | *For Clear Lacquer Finish, Add* | *234.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *352.41* | |
| | | *For Anodized Finish, Add* | *469.88* | |
| | | *For Kynar® Standard Colors Finish, Add* | *646.09* | |
| 08 91 16 00-0052 | EA | 30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum | 1,490.43 | 86.16 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *131.81* | |
| | | *For Clear Lacquer Finish, Add* | *263.62* | |
| | | *For Baked Enamel Standard Colors, Add* | *395.43* | |
| | | *For Anodized Finish, Add* | *527.24* | |
| | | *For Kynar® Standard Colors Finish, Add* | *724.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0053 | EA | 30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,682.28 | 91.72 |
| | | *For Flange Frame, Add* | *149.88* | |
| | | *For Clear Lacquer Finish, Add* | *299.77* | |
| | | *For Baked Enamel Standard Colors, Add* | *449.65* | |
| | | *For Anodized Finish, Add* | *599.54* | |
| | | *For Kynar® Standard Colors Finish, Add* | *824.36* | |
| 08 91 16 00-0054 | EA | 30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,846.29 | 100.05 |
| | | *For Flange Frame, Add* | *164.62* | |
| | | *For Clear Lacquer Finish, Add* | *329.23* | |
| | | *For Baked Enamel Standard Colors, Add* | *493.85* | |
| | | *For Anodized Finish, Add* | *658.47* | |
| | | *For Kynar® Standard Colors Finish, Add* | *905.39* | |
| 08 91 16 00-0055 | EA | 30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,981.16 | 105.61 |
| | | *For Flange Frame, Add* | *176.99* | |
| | | *For Clear Lacquer Finish, Add* | *353.98* | |
| | | *For Baked Enamel Standard Colors, Add* | *530.98* | |
| | | *For Anodized Finish, Add* | *707.97* | |
| | | *For Kynar® Standard Colors Finish, Add* | *973.46* | |
| 08 91 16 00-0056 | EA | 30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,129.11 | 116.73 |
| | | *For Flange Frame, Add* | *189.57* | |
| | | *For Clear Lacquer Finish, Add* | *379.13* | |
| | | *For Baked Enamel Standard Colors, Add* | *568.70* | |
| | | *For Anodized Finish, Add* | *758.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,042.61* | |
| 08 91 16 00-0057 | EA | 30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,270.53 | 125.07 |
| | | *For Flange Frame, Add* | *202.04* | |
| | | *For Clear Lacquer Finish, Add* | *404.08* | |
| | | *For Baked Enamel Standard Colors, Add* | *606.12* | |
| | | *For Anodized Finish, Add* | *808.16* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,111.21* | |
| 08 91 16 00-0058 | EA | 30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,448.62 | 130.63 |
| | | *For Flange Frame, Add* | *218.74* | |
| | | *For Clear Lacquer Finish, Add* | *437.47* | |
| | | *For Baked Enamel Standard Colors, Add* | *656.21* | |
| | | *For Anodized Finish, Add* | *874.94* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,203.05* | |
| 08 91 16 00-0059 | EA | 30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,603.14 | 136.19 |
| | | *For Flange Frame, Add* | *233.08* | |
| | | *For Clear Lacquer Finish, Add* | *466.15* | |
| | | *For Baked Enamel Standard Colors, Add* | *699.23* | |
| | | *For Anodized Finish, Add* | *932.30* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,281.92* | |
| 08 91 16 00-0060 | EA | 30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,790.71 | 144.53 |
| | | *For Flange Frame, Add* | *250.17* | |
| | | *For Clear Lacquer Finish, Add* | *500.33* | |
| | | *For Baked Enamel Standard Colors, Add* | *750.50* | |
| | | *For Anodized Finish, Add* | *1,000.66* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,375.91* | |
| 08 91 16 00-0061 | EA | 30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,939.99 | 152.87 |
| | | *For Flange Frame, Add* | *263.43* | |
| | | *For Clear Lacquer Finish, Add* | *526.85* | |
| | | *For Baked Enamel Standard Colors, Add* | *790.28* | |
| | | *For Anodized Finish, Add* | *1,053.70* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,448.84* | |
| 08 91 16 00-0062 | EA | 36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 694.61 | 47.25 |
| | | *For Flange Frame, Add* | *60.01* | |
| | | *For Clear Lacquer Finish, Add* | *120.02* | |
| | | *For Baked Enamel Standard Colors, Add* | *180.04* | |
| | | *For Anodized Finish, Add* | *240.05* | |
| | | *For Kynar® Standard Colors Finish, Add* | *330.07* | |
| 08 91 16 00-0063 | EA | 36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 940.46 | 61.15 |
| | | *For Flange Frame, Add* | *81.82* | |
| | | *For Clear Lacquer Finish, Add* | *163.63* | |
| | | *For Baked Enamel Standard Colors, Add* | *245.45* | |
| | | *For Anodized Finish, Add* | *327.27* | |
| | | *For Kynar® Standard Colors Finish, Add* | *449.99* | |
| 08 91 16 00-0064 | EA | 36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,099.56 | 69.49 |
| | | *For Flange Frame, Add* | *96.06* | |
| | | *For Clear Lacquer Finish, Add* | *192.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *288.18* | |
| | | *For Anodized Finish, Add* | *384.24* | |
| | | *For Kynar® Standard Colors Finish, Add* | *528.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0065 | EA | 36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,289.10 | 77.82 |
| | | *For Flange Frame, Add* | *113.35* | |
| | | *For Clear Lacquer Finish, Add* | *226.69* | |
| | | *For Baked Enamel Standard Colors, Add* | *340.04* | |
| | | *For Anodized Finish, Add* | *453.38* | |
| | | *For Kynar® Standard Colors Finish, Add* | *623.40* | |
| 08 91 16 00-0066 | EA | 36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,464.50 | 84.49 |
| | | *For Flange Frame, Add* | *129.55* | |
| | | *For Clear Lacquer Finish, Add* | *259.10* | |
| | | *For Baked Enamel Standard Colors, Add* | *388.66* | |
| | | *For Anodized Finish, Add* | *518.21* | |
| | | *For Kynar® Standard Colors Finish, Add* | *712.54* | |
| 08 91 16 00-0067 | EA | 36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,629.24 | 91.72 |
| | | *For Flange Frame, Add* | *144.58* | |
| | | *For Clear Lacquer Finish, Add* | *289.16* | |
| | | *For Baked Enamel Standard Colors, Add* | *433.74* | |
| | | *For Anodized Finish, Add* | *578.32* | |
| | | *For Kynar® Standard Colors Finish, Add* | *795.19* | |
| 08 91 16 00-0068 | EA | 36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,843.67 | 97.27 |
| | | *For Flange Frame, Add* | *164.91* | |
| | | *For Clear Lacquer Finish, Add* | *329.82* | |
| | | *For Baked Enamel Standard Colors, Add* | *494.73* | |
| | | *For Anodized Finish, Add* | *659.64* | |
| | | *For Kynar® Standard Colors Finish, Add* | *907.01* | |
| 08 91 16 00-0069 | EA | 36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,028.31 | 105.61 |
| | | *For Flange Frame, Add* | *181.71* | |
| | | *For Clear Lacquer Finish, Add* | *363.41* | |
| | | *For Baked Enamel Standard Colors, Add* | *545.12* | |
| | | *For Anodized Finish, Add* | *726.83* | |
| | | *For Kynar® Standard Colors Finish, Add* | *999.39* | |
| 08 91 16 00-0070 | EA | 36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,178.55 | 113.95 |
| | | *For Flange Frame, Add* | *195.07* | |
| | | *For Clear Lacquer Finish, Add* | *390.13* | |
| | | *For Baked Enamel Standard Colors, Add* | *585.20* | |
| | | *For Anodized Finish, Add* | *780.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,072.86* | |
| 08 91 16 00-0071 | EA | 36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,332.74 | 122.29 |
| | | *For Flange Frame, Add* | *208.82* | |
| | | *For Clear Lacquer Finish, Add* | *417.63* | |
| | | *For Baked Enamel Standard Colors, Add* | *626.45* | |
| | | *For Anodized Finish, Add* | *835.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,148.49* | |
| 08 91 16 00-0072 | EA | 36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,491.84 | 130.63 |
| | | *For Flange Frame, Add* | *223.06* | |
| | | *For Clear Lacquer Finish, Add* | *446.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *669.17* | |
| | | *For Anodized Finish, Add* | *892.23* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,226.82* | |
| 08 91 16 00-0073 | EA | 36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,686.63 | 136.19 |
| | | *For Flange Frame, Add* | *241.43* | |
| | | *For Clear Lacquer Finish, Add* | *482.85* | |
| | | *For Baked Enamel Standard Colors, Add* | *724.28* | |
| | | *For Anodized Finish, Add* | *965.70* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,327.84* | |
| 08 91 16 00-0074 | EA | 36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,852.93 | 141.75 |
| | | *For Flange Frame, Add* | *256.94* | |
| | | *For Clear Lacquer Finish, Add* | *513.89* | |
| | | *For Baked Enamel Standard Colors, Add* | *770.83* | |
| | | *For Anodized Finish, Add* | *1,027.78* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,413.19* | |
| 08 91 16 00-0075 | EA | 36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,065.06 | 150.09 |
| | | *For Flange Frame, Add* | *276.49* | |
| | | *For Clear Lacquer Finish, Add* | *552.98* | |
| | | *For Baked Enamel Standard Colors, Add* | *829.47* | |
| | | *For Anodized Finish, Add* | *1,105.96* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,520.69* | |
| 08 91 16 00-0076 | EA | 36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,223.18 | 158.42 |
| | | *For Flange Frame, Add* | *290.63* | |
| | | *For Clear Lacquer Finish, Add* | *581.27* | |
| | | *For Baked Enamel Standard Colors, Add* | *871.90* | |
| | | *For Anodized Finish, Add* | *1,162.53* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,598.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0077 | EA | 42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 795.11 | 52.81 |
| | | *For Flange Frame, Add* | *68.95* | |
| | | *For Clear Lacquer Finish, Add* | *137.90* | |
| | | *For Baked Enamel Standard Colors, Add* | *206.85* | |
| | | *For Anodized Finish, Add* | *275.80* | |
| | | *For Kynar® Standard Colors Finish, Add* | *379.23* | |
| 08 91 16 00-0078 | EA | 42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,014.44 | 66.71 |
| | | *For Flange Frame, Add* | *88.10* | |
| | | *For Clear Lacquer Finish, Add* | *176.21* | |
| | | *For Baked Enamel Standard Colors, Add* | *264.31* | |
| | | *For Anodized Finish, Add* | *352.41* | |
| | | *For Kynar® Standard Colors Finish, Add* | *484.57* | |
| 08 91 16 00-0079 | EA | 42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,191.22 | 75.04 |
| | | *For Flange Frame, Add* | *104.11* | |
| | | *For Clear Lacquer Finish, Add* | *208.23* | |
| | | *For Baked Enamel Standard Colors, Add* | *312.34* | |
| | | *For Anodized Finish, Add* | *416.45* | |
| | | *For Kynar® Standard Colors Finish, Add* | *572.62* | |
| 08 91 16 00-0080 | EA | 42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,393.19 | 86.16 |
| | | *For Flange Frame, Add* | *122.09* | |
| | | *For Clear Lacquer Finish, Add* | *244.17* | |
| | | *For Baked Enamel Standard Colors, Add* | *366.26* | |
| | | *For Anodized Finish, Add* | *488.35* | |
| | | *For Kynar® Standard Colors Finish, Add* | *671.48* | |
| 08 91 16 00-0081 | EA | 42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,580.13 | 91.72 |
| | | *For Flange Frame, Add* | *139.67* | |
| | | *For Clear Lacquer Finish, Add* | *279.34* | |
| | | *For Baked Enamel Standard Colors, Add* | *419.01* | |
| | | *For Anodized Finish, Add* | *558.68* | |
| | | *For Kynar® Standard Colors Finish, Add* | *768.18* | |
| 08 91 16 00-0082 | EA | 42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,757.24 | 97.27 |
| | | *For Flange Frame, Add* | *156.27* | |
| | | *For Clear Lacquer Finish, Add* | *312.54* | |
| | | *For Baked Enamel Standard Colors, Add* | *468.80* | |
| | | *For Anodized Finish, Add* | *625.07* | |
| | | *For Kynar® Standard Colors Finish, Add* | *859.47* | |
| 08 91 16 00-0083 | EA | 42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,990.34 | 102.83 |
| | | *For Flange Frame, Add* | *178.47* | |
| | | *For Clear Lacquer Finish, Add* | *356.93* | |
| | | *For Baked Enamel Standard Colors, Add* | *535.40* | |
| | | *For Anodized Finish, Add* | *713.86* | |
| | | *For Kynar® Standard Colors Finish, Add* | *981.56* | |
| 08 91 16 00-0084 | EA | 42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,177.90 | 111.17 |
| | | *For Flange Frame, Add* | *195.56* | |
| | | *For Clear Lacquer Finish, Add* | *391.11* | |
| | | *For Baked Enamel Standard Colors, Add* | *586.67* | |
| | | *For Anodized Finish, Add* | *782.22* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,075.56* | |
| 08 91 16 00-0085 | EA | 42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,346.82 | 119.51 |
| | | *For Flange Frame, Add* | *210.78* | |
| | | *For Clear Lacquer Finish, Add* | *421.56* | |
| | | *For Baked Enamel Standard Colors, Add* | *632.34* | |
| | | *For Anodized Finish, Add* | *843.12* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,159.29* | |
| 08 91 16 00-0086 | EA | 42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,504.94 | 127.85 |
| | | *For Flange Frame, Add* | *224.92* | |
| | | *For Clear Lacquer Finish, Add* | *449.85* | |
| | | *For Baked Enamel Standard Colors, Add* | *674.77* | |
| | | *For Anodized Finish, Add* | *899.70* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,237.08* | |
| 08 91 16 00-0087 | EA | 42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,677.79 | 136.19 |
| | | *For Flange Frame, Add* | *240.54* | |
| | | *For Clear Lacquer Finish, Add* | *481.08* | |
| | | *For Baked Enamel Standard Colors, Add* | *721.62* | |
| | | *For Anodized Finish, Add* | *962.16* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,322.98* | |
| 08 91 16 00-0088 | EA | 42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,887.30 | 141.75 |
| | | *For Flange Frame, Add* | *260.38* | |
| | | *For Clear Lacquer Finish, Add* | *520.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *781.14* | |
| | | *For Anodized Finish, Add* | *1,041.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,432.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0089 | EA | 42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,069.33 | 147.31 |
| | | *For Flange Frame, Add* | *277.47* | |
| | | *For Clear Lacquer Finish, Add* | *554.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *832.42* | |
| | | *For Anodized Finish, Add* | *1,109.89* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,526.10* | |
| 08 91 16 00-0090 | EA | 42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,307.00 | 155.64 |
| | | *For Flange Frame, Add* | *299.57* | |
| | | *For Clear Lacquer Finish, Add* | *599.14* | |
| | | *For Baked Enamel Standard Colors, Add* | *898.71* | |
| | | *For Anodized Finish, Add* | *1,198.28* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,647.64* | |
| 08 91 16 00-0091 | EA | 42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,471.99 | 163.98 |
| | | *For Flange Frame, Add* | *314.40* | |
| | | *For Clear Lacquer Finish, Add* | *628.80* | |
| | | *For Baked Enamel Standard Colors, Add* | *943.21* | |
| | | *For Anodized Finish, Add* | *1,257.61* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,729.21* | |
| 08 91 16 00-0092 | EA | 48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 860.26 | 58.37 |
| | | *For Flange Frame, Add* | *74.35* | |
| | | *For Clear Lacquer Finish, Add* | *148.71* | |
| | | *For Baked Enamel Standard Colors, Add* | *223.06* | |
| | | *For Anodized Finish, Add* | *297.41* | |
| | | *For Kynar® Standard Colors Finish, Add* | *408.94* | |
| 08 91 16 00-0093 | EA | 48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,093.34 | 72.26 |
| | | *For Flange Frame, Add* | *94.88* | |
| | | *For Clear Lacquer Finish, Add* | *189.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *284.64* | |
| | | *For Anodized Finish, Add* | *379.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *521.85* | |
| 08 91 16 00-0094 | EA | 48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,294.33 | 83.38 |
| | | *For Flange Frame, Add* | *112.76* | |
| | | *For Clear Lacquer Finish, Add* | *225.51* | |
| | | *For Baked Enamel Standard Colors, Add* | *338.27* | |
| | | *For Anodized Finish, Add* | *451.03* | |
| | | *For Kynar® Standard Colors Finish, Add* | *620.16* | |
| 08 91 16 00-0095 | EA | 48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,501.55 | 91.72 |
| | | *For Flange Frame, Add* | *131.81* | |
| | | *For Clear Lacquer Finish, Add* | *263.62* | |
| | | *For Baked Enamel Standard Colors, Add* | *395.43* | |
| | | *For Anodized Finish, Add* | *527.24* | |
| | | *For Kynar® Standard Colors Finish, Add* | *724.96* | |
| 08 91 16 00-0096 | EA | 48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,708.13 | 97.27 |
| | | *For Flange Frame, Add* | *151.36* | |
| | | *For Clear Lacquer Finish, Add* | *302.71* | |
| | | *For Baked Enamel Standard Colors, Add* | *454.07* | |
| | | *For Anodized Finish, Add* | *605.43* | |
| | | *For Kynar® Standard Colors Finish, Add* | *832.46* | |
| 08 91 16 00-0097 | EA | 48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,907.83 | 102.83 |
| | | *For Flange Frame, Add* | *170.22* | |
| | | *For Clear Lacquer Finish, Add* | *340.43* | |
| | | *For Baked Enamel Standard Colors, Add* | *510.65* | |
| | | *For Anodized Finish, Add* | *680.86* | |
| | | *For Kynar® Standard Colors Finish, Add* | *936.18* | |
| 08 91 16 00-0098 | EA | 48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,156.29 | 111.17 |
| | | *For Flange Frame, Add* | *193.40* | |
| | | *For Clear Lacquer Finish, Add* | *386.79* | |
| | | *For Baked Enamel Standard Colors, Add* | *580.19* | |
| | | *For Anodized Finish, Add* | *773.58* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,063.67* | |
| 08 91 16 00-0099 | EA | 48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,361.55 | 119.51 |
| | | *For Flange Frame, Add* | *212.25* | |
| | | *For Clear Lacquer Finish, Add* | *424.51* | |
| | | *For Baked Enamel Standard Colors, Add* | *636.76* | |
| | | *For Anodized Finish, Add* | *849.01* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,167.39* | |
| 08 91 16 00-0100 | EA | 48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,539.32 | 127.85 |
| | | *For Flange Frame, Add* | *228.36* | |
| | | *For Clear Lacquer Finish, Add* | *456.72* | |
| | | *For Baked Enamel Standard Colors, Add* | *685.09* | |
| | | *For Anodized Finish, Add* | *913.45* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,255.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0101 | EA | 48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,720.02 | 136.19 |
| | | *For Flange Frame, Add* | *244.76* | |
| | | *For Clear Lacquer Finish, Add* | *489.53* | |
| | | *For Baked Enamel Standard Colors, Add* | *734.29* | |
| | | *For Anodized Finish, Add* | *979.06* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,346.20* | |
| 08 91 16 00-0102 | EA | 48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,896.79 | 144.53 |
| | | *For Flange Frame, Add* | *260.77* | |
| | | *For Clear Lacquer Finish, Add* | *521.55* | |
| | | *For Baked Enamel Standard Colors, Add* | *782.32* | |
| | | *For Anodized Finish, Add* | *1,043.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,434.26* | |
| 08 91 16 00-0103 | EA | 48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,133.82 | 150.09 |
| | | *For Flange Frame, Add* | *283.37* | |
| | | *For Clear Lacquer Finish, Add* | *566.73* | |
| | | *For Baked Enamel Standard Colors, Add* | *850.10* | |
| | | *For Anodized Finish, Add* | *1,133.46* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,558.51* | |
| 08 91 16 00-0104 | EA | 48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,330.57 | 155.64 |
| | | *For Flange Frame, Add* | *301.93* | |
| | | *For Clear Lacquer Finish, Add* | *603.86* | |
| | | *For Baked Enamel Standard Colors, Add* | *905.78* | |
| | | *For Anodized Finish, Add* | *1,207.71* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,660.60* | |
| 08 91 16 00-0105 | EA | 48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,573.49 | 161.20 |
| | | *For Flange Frame, Add* | *325.11* | |
| | | *For Clear Lacquer Finish, Add* | *650.22* | |
| | | *For Baked Enamel Standard Colors, Add* | *975.32* | |
| | | *For Anodized Finish, Add* | *1,300.43* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,788.09* | |
| 08 91 16 00-0106 | EA | 48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,755.18 | 169.54 |
| | | *For Flange Frame, Add* | *341.61* | |
| | | *For Clear Lacquer Finish, Add* | *683.22* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,024.83* | |
| | | *For Anodized Finish, Add* | *1,366.44* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,878.85* | |
| 08 91 16 00-0107 | EA | 54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 998.73 | 66.71 |
| | | *For Flange Frame, Add* | *86.53* | |
| | | *For Clear Lacquer Finish, Add* | *173.06* | |
| | | *For Baked Enamel Standard Colors, Add* | *259.60* | |
| | | *For Anodized Finish, Add* | *346.13* | |
| | | *For Kynar® Standard Colors Finish, Add* | *475.93* | |
| 08 91 16 00-0108 | EA | 54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,280.91 | 80.60 |
| | | *For Flange Frame, Add* | *111.97* | |
| | | *For Clear Lacquer Finish, Add* | *223.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *335.91* | |
| | | *For Anodized Finish, Add* | *447.88* | |
| | | *For Kynar® Standard Colors Finish, Add* | *615.84* | |
| 08 91 16 00-0109 | EA | 54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,501.22 | 94.49 |
| | | *For Flange Frame, Add* | *131.22* | |
| | | *For Clear Lacquer Finish, Add* | *262.44* | |
| | | *For Baked Enamel Standard Colors, Add* | *393.67* | |
| | | *For Anodized Finish, Add* | *524.89* | |
| | | *For Kynar® Standard Colors Finish, Add* | *721.72* | |
| 08 91 16 00-0110 | EA | 54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,725.48 | 100.05 |
| | | *For Flange Frame, Add* | *152.54* | |
| | | *For Clear Lacquer Finish, Add* | *305.07* | |
| | | *For Baked Enamel Standard Colors, Add* | *457.61* | |
| | | *For Anodized Finish, Add* | *610.14* | |
| | | *For Kynar® Standard Colors Finish, Add* | *838.95* | |
| 08 91 16 00-0111 | EA | 54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,969.38 | 105.61 |
| | | *For Flange Frame, Add* | *175.81* | |
| | | *For Clear Lacquer Finish, Add* | *351.63* | |
| | | *For Baked Enamel Standard Colors, Add* | *527.44* | |
| | | *For Anodized Finish, Add* | *703.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *966.98* | |
| 08 91 16 00-0112 | EA | 54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,187.72 | 111.17 |
| | | *For Flange Frame, Add* | *196.54* | |
| | | *For Clear Lacquer Finish, Add* | *393.08* | |
| | | *For Baked Enamel Standard Colors, Add* | *589.61* | |
| | | *For Anodized Finish, Add* | *786.15* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,080.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0113 | EA | 54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,476.47 | 119.51 |
| | | *For Flange Frame, Add* | *223.75* | |
| | | *For Clear Lacquer Finish, Add* | *447.49* | |
| | | *For Baked Enamel Standard Colors, Add* | *671.24* | |
| | | *For Anodized Finish, Add* | *894.98* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,230.60* | |
| 08 91 16 00-0114 | EA | 54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,757.36 | 127.85 |
| | | *For Flange Frame, Add* | *250.17* | |
| | | *For Clear Lacquer Finish, Add* | *500.33* | |
| | | *For Baked Enamel Standard Colors, Add* | *750.50* | |
| | | *For Anodized Finish, Add* | *1,000.66* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,375.91* | |
| 08 91 16 00-0115 | EA | 54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,967.54 | 136.19 |
| | | *For Flange Frame, Add* | *269.52* | |
| | | *For Clear Lacquer Finish, Add* | *539.03* | |
| | | *For Baked Enamel Standard Colors, Add* | *808.55* | |
| | | *For Anodized Finish, Add* | *1,078.06* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,482.34* | |
| 08 91 16 00-0116 | EA | 54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,174.75 | 144.53 |
| | | *For Flange Frame, Add* | *288.57* | |
| | | *For Clear Lacquer Finish, Add* | *577.14* | |
| | | *For Baked Enamel Standard Colors, Add* | *865.71* | |
| | | *For Anodized Finish, Add* | *1,154.28* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,587.14* | |
| 08 91 16 00-0117 | EA | 54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,374.46 | 150.09 |
| | | *For Flange Frame, Add* | *307.43* | |
| | | *For Clear Lacquer Finish, Add* | *614.86* | |
| | | *For Baked Enamel Standard Colors, Add* | *922.29* | |
| | | *For Anodized Finish, Add* | *1,229.72* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,690.86* | |
| 08 91 16 00-0118 | EA | 54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,638.98 | 155.64 |
| | | *For Flange Frame, Add* | *332.77* | |
| | | *For Clear Lacquer Finish, Add* | *665.54* | |
| | | *For Baked Enamel Standard Colors, Add* | *998.31* | |
| | | *For Anodized Finish, Add* | *1,331.08* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,830.23* | |
| 08 91 16 00-0119 | EA | 54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,859.31 | 161.20 |
| | | *For Flange Frame, Add* | *353.69* | |
| | | *For Clear Lacquer Finish, Add* | *707.38* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,061.07* | |
| | | *For Anodized Finish, Add* | *1,414.76* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,945.30* | |
| 08 91 16 00-0120 | EA | 54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 4,143.48 | 166.76 |
| | | *For Flange Frame, Add* | *381.00* | |
| | | *For Clear Lacquer Finish, Add* | *761.99* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,142.99* | |
| | | *For Anodized Finish, Add* | *1,523.98* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,095.47* | |
| 08 91 16 00-0121 | EA | 54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 4,355.61 | 175.10 |
| | | *For Flange Frame, Add* | *400.54* | |
| | | *For Clear Lacquer Finish, Add* | *801.08* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,201.62* | |
| | | *For Anodized Finish, Add* | *1,602.16* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,202.98* | |
| 08 91 16 00-0122 | EA | 60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,059.94 | 72.26 |
| | | *For Flange Frame, Add* | *91.54* | |
| | | *For Clear Lacquer Finish, Add* | *183.08* | |
| | | *For Baked Enamel Standard Colors, Add* | *274.62* | |
| | | *For Anodized Finish, Add* | *366.16* | |
| | | *For Kynar® Standard Colors Finish, Add* | *503.48* | |
| 08 91 16 00-0123 | EA | 60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,365.36 | 88.94 |
| | | *For Flange Frame, Add* | *118.75* | |
| | | *For Clear Lacquer Finish, Add* | *237.50* | |
| | | *For Baked Enamel Standard Colors, Add* | *356.24* | |
| | | *For Anodized Finish, Add* | *474.99* | |
| | | *For Kynar® Standard Colors Finish, Add* | *653.11* | |
| 08 91 16 00-0124 | EA | 60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,590.92 | 100.05 |
| | | *For Flange Frame, Add* | *139.08* | |
| | | *For Clear Lacquer Finish, Add* | *278.16* | |
| | | *For Baked Enamel Standard Colors, Add* | *417.24* | |
| | | *For Anodized Finish, Add* | *556.32* | |
| | | *For Kynar® Standard Colors Finish, Add* | *764.94* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0125 | EA | 60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,837.76 | 105.61 |
| | | *For Flange Frame, Add* | *162.65* | |
| | | *For Clear Lacquer Finish, Add* | *325.30* | |
| | | *For Baked Enamel Standard Colors, Add* | *487.96* | |
| | | *For Anodized Finish, Add* | *650.61* | |
| | | *For Kynar® Standard Colors Finish, Add* | *894.59* | |
| 08 91 16 00-0126 | EA | 60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,096.04 | 113.95 |
| | | *For Flange Frame, Add* | *186.81* | |
| | | *For Clear Lacquer Finish, Add* | *373.63* | |
| | | *For Baked Enamel Standard Colors, Add* | *560.44* | |
| | | *For Anodized Finish, Add* | *747.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,027.48* | |
| 08 91 16 00-0127 | EA | 60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,327.18 | 119.51 |
| | | *For Flange Frame, Add* | *208.82* | |
| | | *For Clear Lacquer Finish, Add* | *417.63* | |
| | | *For Baked Enamel Standard Colors, Add* | *626.45* | |
| | | *For Anodized Finish, Add* | *835.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,148.49* | |
| 08 91 16 00-0128 | EA | 60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,636.55 | 127.85 |
| | | *For Flange Frame, Add* | *238.09* | |
| | | *For Clear Lacquer Finish, Add* | *476.17* | |
| | | *For Baked Enamel Standard Colors, Add* | *714.26* | |
| | | *For Anodized Finish, Add* | *952.34* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,309.47* | |
| 08 91 16 00-0129 | EA | 60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,925.30 | 136.19 |
| | | *For Flange Frame, Add* | *265.29* | |
| | | *For Clear Lacquer Finish, Add* | *530.58* | |
| | | *For Baked Enamel Standard Colors, Add* | *795.88* | |
| | | *For Anodized Finish, Add* | *1,061.17* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,459.11* | |
| 08 91 16 00-0130 | EA | 60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,150.20 | 144.53 |
| | | *For Flange Frame, Add* | *286.12* | |
| | | *For Clear Lacquer Finish, Add* | *572.23* | |
| | | *For Baked Enamel Standard Colors, Add* | *858.35* | |
| | | *For Anodized Finish, Add* | *1,144.46* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,573.63* | |
| 08 91 16 00-0131 | EA | 60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,371.18 | 152.87 |
| | | *For Flange Frame, Add* | *306.55* | |
| | | *For Clear Lacquer Finish, Add* | *613.09* | |
| | | *For Baked Enamel Standard Colors, Add* | *919.64* | |
| | | *For Anodized Finish, Add* | *1,226.18* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,686.00* | |
| 08 91 16 00-0132 | EA | 60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,583.65 | 158.42 |
| | | *For Flange Frame, Add* | *326.68* | |
| | | *For Clear Lacquer Finish, Add* | *653.36* | |
| | | *For Baked Enamel Standard Colors, Add* | *980.04* | |
| | | *For Anodized Finish, Add* | *1,306.72* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,796.74* | |
| 08 91 16 00-0133 | EA | 60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 3,870.77 | 163.98 |
| | | *For Flange Frame, Add* | *354.28* | |
| | | *For Clear Lacquer Finish, Add* | *708.56* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,062.84* | |
| | | *For Anodized Finish, Add* | *1,417.12* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,948.54* | |
| 08 91 16 00-0134 | EA | 60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 4,101.90 | 169.54 |
| | | *For Flange Frame, Add* | *376.28* | |
| | | *For Clear Lacquer Finish, Add* | *752.56* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,128.84* | |
| | | *For Anodized Finish, Add* | *1,505.12* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,069.55* | |
| 08 91 16 00-0135 | EA | 60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 4,400.79 | 175.10 |
| | | *For Flange Frame, Add* | *405.06* | |
| | | *For Clear Lacquer Finish, Add* | *810.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,215.18* | |
| | | *For Anodized Finish, Add* | *1,620.24* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,227.82* | |
| 08 91 16 00-0136 | EA | 60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 4,620.13 | 180.66 |
| | | *For Flange Frame, Add* | *425.88* | |
| | | *For Clear Lacquer Finish, Add* | *851.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,277.65* | |
| | | *For Anodized Finish, Add* | *1,703.53* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,342.35* | |

### 08 91 16 00-0137 Adjustable Intake Wall Louvers Operators *(08 91 16)*

| | | | | |
|---|---|---|---|---|
| 08 91 16 00-0138 | EA | 5' Chain Actuator For Adjustable Intake Louver | 267.75 | 27.80 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 16 00-0139 | EA | Panel Crank For Adjustable Intake Louver | 589.95 | 11.12 |

## 08 91 19 Fixed Louvers *(08 91)*

### 08 91 19 00-0001 Fixed Intake Wall Louvers *(08 91 19)*

| | | | | |
|---|---|---|---|---|
| 08 91 19 00-0002 | EA | 12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 346.65 | 25.02 |
| | | *For Flange Frame, Add* | *29.66* | |
| | | *For Clear Lacquer Finish, Add* | *59.32* | |
| | | *For Baked Enamel Standard Colors, Add* | *88.99* | |
| | | *For Anodized Finish, Add* | *118.65* | |
| | | *For Kynar® Standard Colors Finish, Add* | *163.14* | |
| 08 91 19 00-0003 | EA | 12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 411.80 | 30.58 |
| | | *For Flange Frame, Add* | *35.07* | |
| | | *For Clear Lacquer Finish, Add* | *70.13* | |
| | | *For Baked Enamel Standard Colors, Add* | *105.20* | |
| | | *For Anodized Finish, Add* | *140.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *192.86* | |
| 08 91 19 00-0004 | EA | 12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 477.91 | 36.13 |
| | | *For Flange Frame, Add* | *40.57* | |
| | | *For Clear Lacquer Finish, Add* | *81.13* | |
| | | *For Baked Enamel Standard Colors, Add* | *121.70* | |
| | | *For Anodized Finish, Add* | *162.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *223.11* | |
| 08 91 19 00-0005 | EA | 12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 560.73 | 41.69 |
| | | *For Flange Frame, Add* | *47.74* | |
| | | *For Clear Lacquer Finish, Add* | *95.47* | |
| | | *For Baked Enamel Standard Colors, Add* | *143.21* | |
| | | *For Anodized Finish, Add* | *190.94* | |
| | | *For Kynar® Standard Colors Finish, Add* | *262.54* | |
| 08 91 19 00-0006 | EA | 12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 630.77 | 47.25 |
| | | *For Flange Frame, Add* | *53.63* | |
| | | *For Clear Lacquer Finish, Add* | *107.26* | |
| | | *For Baked Enamel Standard Colors, Add* | *160.88* | |
| | | *For Anodized Finish, Add* | *214.51* | |
| | | *For Kynar® Standard Colors Finish, Add* | *294.95* | |
| 08 91 19 00-0007 | EA | 12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 744.04 | 52.81 |
| | | *For Flange Frame, Add* | *63.84* | |
| | | *For Clear Lacquer Finish, Add* | *127.69* | |
| | | *For Baked Enamel Standard Colors, Add* | *191.53* | |
| | | *For Anodized Finish, Add* | *255.37* | |
| | | *For Kynar® Standard Colors Finish, Add* | *351.14* | |
| 08 91 19 00-0008 | EA | 12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 806.23 | 58.37 |
| | | *For Flange Frame, Add* | *68.95* | |
| | | *For Clear Lacquer Finish, Add* | *137.90* | |
| | | *For Baked Enamel Standard Colors, Add* | *206.85* | |
| | | *For Anodized Finish, Add* | *275.80* | |
| | | *For Kynar® Standard Colors Finish, Add* | *379.23* | |
| 08 91 19 00-0009 | EA | 12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 901.49 | 66.71 |
| | | *For Flange Frame, Add* | *76.81* | |
| | | *For Clear Lacquer Finish, Add* | *153.62* | |
| | | *For Baked Enamel Standard Colors, Add* | *230.42* | |
| | | *For Anodized Finish, Add* | *307.23* | |
| | | *For Kynar® Standard Colors Finish, Add* | *422.44* | |
| 08 91 19 00-0010 | EA | 12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 958.77 | 72.26 |
| | | *For Flange Frame, Add* | *81.42* | |
| | | *For Clear Lacquer Finish, Add* | *162.85* | |
| | | *For Baked Enamel Standard Colors, Add* | *244.27* | |
| | | *For Anodized Finish, Add* | *325.70* | |
| | | *For Kynar® Standard Colors Finish, Add* | *447.83* | |
| 08 91 19 00-0011 | EA | 12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,036.67 | 77.82 |
| | | *For Flange Frame, Add* | *88.10* | |
| | | *For Clear Lacquer Finish, Add* | *176.21* | |
| | | *For Baked Enamel Standard Colors, Add* | *264.31* | |
| | | *For Anodized Finish, Add* | *352.41* | |
| | | *For Kynar® Standard Colors Finish, Add* | *484.57* | |
| 08 91 19 00-0012 | EA | 12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,104.76 | 83.38 |
| | | *For Flange Frame, Add* | *93.80* | |
| | | *For Clear Lacquer Finish, Add* | *187.60* | |
| | | *For Baked Enamel Standard Colors, Add* | *281.40* | |
| | | *For Anodized Finish, Add* | *375.20* | |
| | | *For Kynar® Standard Colors Finish, Add* | *515.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0013 | EA | 12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,185.62 | 88.94 |
| | | *For Flange Frame, Add* | *100.77* | |
| | | *For Clear Lacquer Finish, Add* | *201.55* | |
| | | *For Baked Enamel Standard Colors, Add* | *302.32* | |
| | | *For Anodized Finish, Add* | *403.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *554.26* | |
| 08 91 19 00-0014 | EA | 12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,261.56 | 94.49 |
| | | *For Flange Frame, Add* | *107.26* | |
| | | *For Clear Lacquer Finish, Add* | *214.51* | |
| | | *For Baked Enamel Standard Colors, Add* | *321.77* | |
| | | *For Anodized Finish, Add* | *429.02* | |
| | | *For Kynar® Standard Colors Finish, Add* | *589.91* | |
| 08 91 19 00-0015 | EA | 12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,329.32 | 102.83 |
| | | *For Flange Frame, Add* | *112.36* | |
| | | *For Clear Lacquer Finish, Add* | *224.73* | |
| | | *For Baked Enamel Standard Colors, Add* | *337.09* | |
| | | *For Anodized Finish, Add* | *449.46* | |
| | | *For Kynar® Standard Colors Finish, Add* | *618.00* | |
| 08 91 19 00-0016 | EA | 12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,419.64 | 111.17 |
| | | *For Flange Frame, Add* | *119.73* | |
| | | *For Clear Lacquer Finish, Add* | *239.46* | |
| | | *For Baked Enamel Standard Colors, Add* | *359.19* | |
| | | *For Anodized Finish, Add* | *478.92* | |
| | | *For Kynar® Standard Colors Finish, Add* | *658.52* | |
| 08 91 19 00-0017 | EA | 18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 402.96 | 30.58 |
| | | *For Flange Frame, Add* | *34.18* | |
| | | *For Clear Lacquer Finish, Add* | *68.36* | |
| | | *For Baked Enamel Standard Colors, Add* | *102.54* | |
| | | *For Anodized Finish, Add* | *136.72* | |
| | | *For Kynar® Standard Colors Finish, Add* | *188.00* | |
| 08 91 19 00-0018 | EA | 18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 483.47 | 38.91 |
| | | *For Flange Frame, Add* | *40.57* | |
| | | *For Clear Lacquer Finish, Add* | *81.13* | |
| | | *For Baked Enamel Standard Colors, Add* | *121.70* | |
| | | *For Anodized Finish, Add* | *162.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *223.11* | |
| 08 91 19 00-0019 | EA | 18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 560.40 | 44.47 |
| | | *For Flange Frame, Add* | *47.15* | |
| | | *For Clear Lacquer Finish, Add* | *94.29* | |
| | | *For Baked Enamel Standard Colors, Add* | *141.44* | |
| | | *For Anodized Finish, Add* | *188.58* | |
| | | *For Kynar® Standard Colors Finish, Add* | *259.30* | |
| 08 91 19 00-0020 | EA | 18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 702.45 | 55.59 |
| | | *For Flange Frame, Add* | *59.13* | |
| | | *For Clear Lacquer Finish, Add* | *118.26* | |
| | | *For Baked Enamel Standard Colors, Add* | *177.38* | |
| | | *For Anodized Finish, Add* | *236.51* | |
| | | *For Kynar® Standard Colors Finish, Add* | *325.20* | |
| 08 91 19 00-0021 | EA | 18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 805.90 | 61.15 |
| | | *For Flange Frame, Add* | *68.36* | |
| | | *For Clear Lacquer Finish, Add* | *136.72* | |
| | | *For Baked Enamel Standard Colors, Add* | *205.08* | |
| | | *For Anodized Finish, Add* | *273.44* | |
| | | *For Kynar® Standard Colors Finish, Add* | *375.99* | |
| 08 91 19 00-0022 | EA | 18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 897.56 | 66.71 |
| | | *For Flange Frame, Add* | *76.42* | |
| | | *For Clear Lacquer Finish, Add* | *152.83* | |
| | | *For Baked Enamel Standard Colors, Add* | *229.25* | |
| | | *For Anodized Finish, Add* | *305.66* | |
| | | *For Kynar® Standard Colors Finish, Add* | *420.28* | |
| 08 91 19 00-0023 | EA | 18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 962.70 | 72.26 |
| | | *For Flange Frame, Add* | *81.82* | |
| | | *For Clear Lacquer Finish, Add* | *163.63* | |
| | | *For Baked Enamel Standard Colors, Add* | *245.45* | |
| | | *For Anodized Finish, Add* | *327.27* | |
| | | *For Kynar® Standard Colors Finish, Add* | *449.99* | |
| 08 91 19 00-0024 | EA | 18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,071.70 | 80.60 |
| | | *For Flange Frame, Add* | *91.05* | |
| | | *For Clear Lacquer Finish, Add* | *182.10* | |
| | | *For Baked Enamel Standard Colors, Add* | *273.15* | |
| | | *For Anodized Finish, Add* | *364.20* | |
| | | *For Kynar® Standard Colors Finish, Add* | *500.78* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0025 | EA | 18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,148.29 | 88.94 |
| | | *For Flange Frame, Add* | *97.04* | |
| | | *For Clear Lacquer Finish, Add* | *194.08* | |
| | | *For Baked Enamel Standard Colors, Add* | *291.12* | |
| | | *For Anodized Finish, Add* | *388.16* | |
| | | *For Kynar® Standard Colors Finish, Add* | *533.73* | |
| 08 91 19 00-0026 | EA | 18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,247.81 | 94.49 |
| | | *For Flange Frame, Add* | *105.88* | |
| | | *For Clear Lacquer Finish, Add* | *211.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *317.64* | |
| | | *For Anodized Finish, Add* | *423.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *582.35* | |
| 08 91 19 00-0027 | EA | 18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,323.76 | 100.05 |
| | | *For Flange Frame, Add* | *112.36* | |
| | | *For Clear Lacquer Finish, Add* | *224.73* | |
| | | *For Baked Enamel Standard Colors, Add* | *337.09* | |
| | | *For Anodized Finish, Add* | *449.46* | |
| | | *For Kynar® Standard Colors Finish, Add* | *618.00* | |
| 08 91 19 00-0028 | EA | 18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,408.54 | 105.61 |
| | | *For Flange Frame, Add* | *119.73* | |
| | | *For Clear Lacquer Finish, Add* | *239.46* | |
| | | *For Baked Enamel Standard Colors, Add* | *359.19* | |
| | | *For Anodized Finish, Add* | *478.92* | |
| | | *For Kynar® Standard Colors Finish, Add* | *658.52* | |
| 08 91 19 00-0029 | EA | 18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,497.24 | 111.17 |
| | | *For Flange Frame, Add* | *127.49* | |
| | | *For Clear Lacquer Finish, Add* | *254.98* | |
| | | *For Baked Enamel Standard Colors, Add* | *382.47* | |
| | | *For Anodized Finish, Add* | *509.96* | |
| | | *For Kynar® Standard Colors Finish, Add* | *701.20* | |
| 08 91 19 00-0030 | EA | 18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,575.79 | 119.51 |
| | | *For Flange Frame, Add* | *133.68* | |
| | | *For Clear Lacquer Finish, Add* | *267.35* | |
| | | *For Baked Enamel Standard Colors, Add* | *401.03* | |
| | | *For Anodized Finish, Add* | *534.71* | |
| | | *For Kynar® Standard Colors Finish, Add* | *735.22* | |
| 08 91 19 00-0031 | EA | 18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,684.80 | 127.85 |
| | | *For Flange Frame, Add* | *142.91* | |
| | | *For Clear Lacquer Finish, Add* | *285.82* | |
| | | *For Baked Enamel Standard Colors, Add* | *428.73* | |
| | | *For Anodized Finish, Add* | *571.64* | |
| | | *For Kynar® Standard Colors Finish, Add* | *786.01* | |
| 08 91 19 00-0032 | EA | 24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 466.12 | 36.13 |
| | | *For Flange Frame, Add* | *39.39* | |
| | | *For Clear Lacquer Finish, Add* | *78.77* | |
| | | *For Baked Enamel Standard Colors, Add* | *118.16* | |
| | | *For Anodized Finish, Add* | *157.54* | |
| | | *For Kynar® Standard Colors Finish, Add* | *216.62* | |
| 08 91 19 00-0033 | EA | 24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 555.48 | 44.47 |
| | | *For Flange Frame, Add* | *46.65* | |
| | | *For Clear Lacquer Finish, Add* | *93.31* | |
| | | *For Baked Enamel Standard Colors, Add* | *139.96* | |
| | | *For Anodized Finish, Add* | *186.62* | |
| | | *For Kynar® Standard Colors Finish, Add* | *256.60* | |
| 08 91 19 00-0034 | EA | 24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 688.05 | 52.81 |
| | | *For Flange Frame, Add* | *58.24* | |
| | | *For Clear Lacquer Finish, Add* | *116.49* | |
| | | *For Baked Enamel Standard Colors, Add* | *174.73* | |
| | | *For Anodized Finish, Add* | *232.98* | |
| | | *For Kynar® Standard Colors Finish, Add* | *320.34* | |
| 08 91 19 00-0035 | EA | 24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 811.46 | 63.93 |
| | | *For Flange Frame, Add* | *68.36* | |
| | | *For Clear Lacquer Finish, Add* | *136.72* | |
| | | *For Baked Enamel Standard Colors, Add* | *205.08* | |
| | | *For Anodized Finish, Add* | *273.44* | |
| | | *For Kynar® Standard Colors Finish, Add* | *375.99* | |
| 08 91 19 00-0036 | EA | 24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 928.66 | 69.49 |
| | | *For Flange Frame, Add* | *78.97* | |
| | | *For Clear Lacquer Finish, Add* | *157.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *236.91* | |
| | | *For Anodized Finish, Add* | *315.88* | |
| | | *For Kynar® Standard Colors Finish, Add* | *434.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0037 | EA | 24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum | 1,037.02 | 75.04 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *88.69* | |
| | | *For Clear Lacquer Finish, Add* | *177.39* | |
| | | *For Baked Enamel Standard Colors, Add* | *266.08* | |
| | | *For Anodized Finish, Add* | *354.77* | |
| | | *For Kynar® Standard Colors Finish, Add* | *487.81* | |
| 08 91 19 00-0038 | EA | 24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum | 1,127.35 | 83.38 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *96.06* | |
| | | *For Clear Lacquer Finish, Add* | *192.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *288.18* | |
| | | *For Anodized Finish, Add* | *384.24* | |
| | | *For Kynar® Standard Colors Finish, Add* | *528.32* | |
| 08 91 19 00-0039 | EA | 24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum | 1,247.81 | 94.49 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *105.88* | |
| | | *For Clear Lacquer Finish, Add* | *211.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *317.64* | |
| | | *For Anodized Finish, Add* | *423.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *582.35* | |
| 08 91 19 00-0040 | EA | 24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum | 1,327.69 | 100.05 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *112.76* | |
| | | *For Clear Lacquer Finish, Add* | *225.51* | |
| | | *For Baked Enamel Standard Colors, Add* | *338.27* | |
| | | *For Anodized Finish, Add* | *451.03* | |
| | | *For Kynar® Standard Colors Finish, Add* | *620.16* | |
| 08 91 19 00-0041 | EA | 24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum | 1,458.93 | 111.17 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *123.66* | |
| | | *For Clear Lacquer Finish, Add* | *247.32* | |
| | | *For Baked Enamel Standard Colors, Add* | *370.98* | |
| | | *For Anodized Finish, Add* | *494.64* | |
| | | *For Kynar® Standard Colors Finish, Add* | *680.12* | |
| 08 91 19 00-0042 | EA | 24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum | 1,541.75 | 116.73 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *130.83* | |
| | | *For Clear Lacquer Finish, Add* | *261.66* | |
| | | *For Baked Enamel Standard Colors, Add* | *392.49* | |
| | | *For Anodized Finish, Add* | *523.32* | |
| | | *For Kynar® Standard Colors Finish, Add* | *719.56* | |
| 08 91 19 00-0043 | EA | 24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum | 1,649.13 | 122.29 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *140.46* | |
| | | *For Clear Lacquer Finish, Add* | *280.91* | |
| | | *For Baked Enamel Standard Colors, Add* | *421.37* | |
| | | *For Anodized Finish, Add* | *561.82* | |
| | | *For Kynar® Standard Colors Finish, Add* | *772.50* | |
| 08 91 19 00-0044 | EA | 24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum | 1,754.54 | 127.85 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *149.88* | |
| | | *For Clear Lacquer Finish, Add* | *299.77* | |
| | | *For Baked Enamel Standard Colors, Add* | *449.65* | |
| | | *For Anodized Finish, Add* | *599.54* | |
| | | *For Kynar® Standard Colors Finish, Add* | *824.36* | |
| 08 91 19 00-0045 | EA | 24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum | 1,835.06 | 136.19 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *156.27* | |
| | | *For Clear Lacquer Finish, Add* | *312.54* | |
| | | *For Baked Enamel Standard Colors, Add* | *468.80* | |
| | | *For Anodized Finish, Add* | *625.07* | |
| | | *For Kynar® Standard Colors Finish, Add* | *859.47* | |
| 08 91 19 00-0046 | EA | 24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum | 1,967.63 | 144.53 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *167.86* | |
| | | *For Clear Lacquer Finish, Add* | *335.72* | |
| | | *For Baked Enamel Standard Colors, Add* | *503.57* | |
| | | *For Anodized Finish, Add* | *671.43* | |
| | | *For Kynar® Standard Colors Finish, Add* | *923.22* | |
| 08 91 19 00-0047 | EA | 30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum | 522.42 | 41.69 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *43.90* | |
| | | *For Clear Lacquer Finish, Add* | *87.81* | |
| | | *For Baked Enamel Standard Colors, Add* | *131.71* | |
| | | *For Anodized Finish, Add* | *175.62* | |
| | | *For Kynar® Standard Colors Finish, Add* | *241.47* | |
| 08 91 19 00-0048 | EA | 30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum | 675.93 | 55.59 |
| | | Note: Includes bird screen. Excludes actuator. | | |
| | | *For Flange Frame, Add* | *56.48* | |
| | | *For Clear Lacquer Finish, Add* | *112.95* | |
| | | *For Baked Enamel Standard Colors, Add* | *169.43* | |
| | | *For Anodized Finish, Add* | *225.90* | |
| | | *For Kynar® Standard Colors Finish, Add* | *310.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0049 | EA | 30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 788.87 | 63.93 |
| | | *For Flange Frame, Add* | *66.10* | |
| | | *For Clear Lacquer Finish, Add* | *132.20* | |
| | | *For Baked Enamel Standard Colors, Add* | *198.31* | |
| | | *For Anodized Finish, Add* | *264.41* | |
| | | *For Kynar® Standard Colors Finish, Add* | *363.56* | |
| 08 91 19 00-0050 | EA | 30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 920.47 | 72.26 |
| | | *For Flange Frame, Add* | *77.59* | |
| | | *For Clear Lacquer Finish, Add* | *155.19* | |
| | | *For Baked Enamel Standard Colors, Add* | *232.78* | |
| | | *For Anodized Finish, Add* | *310.38* | |
| | | *For Kynar® Standard Colors Finish, Add* | *426.77* | |
| 08 91 19 00-0051 | EA | 30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,061.23 | 77.82 |
| | | *For Flange Frame, Add* | *90.56* | |
| | | *For Clear Lacquer Finish, Add* | *181.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *271.68* | |
| | | *For Anodized Finish, Add* | *362.24* | |
| | | *For Kynar® Standard Colors Finish, Add* | *498.07* | |
| 08 91 19 00-0052 | EA | 30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,180.06 | 86.16 |
| | | *For Flange Frame, Add* | *100.77* | |
| | | *For Clear Lacquer Finish, Add* | *201.55* | |
| | | *For Baked Enamel Standard Colors, Add* | *302.32* | |
| | | *For Anodized Finish, Add* | *403.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *554.26* | |
| 08 91 19 00-0053 | EA | 30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,268.77 | 91.72 |
| | | *For Flange Frame, Add* | *108.53* | |
| | | *For Clear Lacquer Finish, Add* | *217.07* | |
| | | *For Baked Enamel Standard Colors, Add* | *325.60* | |
| | | *For Anodized Finish, Add* | *434.13* | |
| | | *For Kynar® Standard Colors Finish, Add* | *596.93* | |
| 08 91 19 00-0054 | EA | 30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,393.49 | 100.05 |
| | | *For Flange Frame, Add* | *119.34* | |
| | | *For Clear Lacquer Finish, Add* | *238.67* | |
| | | *For Baked Enamel Standard Colors, Add* | *358.01* | |
| | | *For Anodized Finish, Add* | *477.35* | |
| | | *For Kynar® Standard Colors Finish, Add* | *656.35* | |
| 08 91 19 00-0055 | EA | 30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,493.01 | 105.61 |
| | | *For Flange Frame, Add* | *128.18* | |
| | | *For Clear Lacquer Finish, Add* | *256.35* | |
| | | *For Baked Enamel Standard Colors, Add* | *384.53* | |
| | | *For Anodized Finish, Add* | *512.71* | |
| | | *For Kynar® Standard Colors Finish, Add* | *704.97* | |
| 08 91 19 00-0056 | EA | 30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,644.88 | 116.73 |
| | | *For Flange Frame, Add* | *141.14* | |
| | | *For Clear Lacquer Finish, Add* | *282.28* | |
| | | *For Baked Enamel Standard Colors, Add* | *423.43* | |
| | | *For Anodized Finish, Add* | *564.57* | |
| | | *For Kynar® Standard Colors Finish, Add* | *776.28* | |
| 08 91 19 00-0057 | EA | 30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,742.10 | 125.07 |
| | | *For Flange Frame, Add* | *149.20* | |
| | | *For Clear Lacquer Finish, Add* | *298.39* | |
| | | *For Baked Enamel Standard Colors, Add* | *447.59* | |
| | | *For Anodized Finish, Add* | *596.78* | |
| | | *For Kynar® Standard Colors Finish, Add* | *820.58* | |
| 08 91 19 00-0058 | EA | 30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,856.35 | 130.63 |
| | | *For Flange Frame, Add* | *159.51* | |
| | | *For Clear Lacquer Finish, Add* | *319.02* | |
| | | *For Baked Enamel Standard Colors, Add* | *478.53* | |
| | | *For Anodized Finish, Add* | *638.04* | |
| | | *For Kynar® Standard Colors Finish, Add* | *877.30* | |
| 08 91 19 00-0059 | EA | 30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,969.62 | 136.19 |
| | | *For Flange Frame, Add* | *169.72* | |
| | | *For Clear Lacquer Finish, Add* | *339.45* | |
| | | *For Baked Enamel Standard Colors, Add* | *509.17* | |
| | | *For Anodized Finish, Add* | *678.90* | |
| | | *For Kynar® Standard Colors Finish, Add* | *933.48* | |
| 08 91 19 00-0060 | EA | 30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,064.87 | 144.53 |
| | | *For Flange Frame, Add* | *177.58* | |
| | | *For Clear Lacquer Finish, Add* | *355.16* | |
| | | *For Baked Enamel Standard Colors, Add* | *532.75* | |
| | | *For Anodized Finish, Add* | *710.33* | |
| | | *For Kynar® Standard Colors Finish, Add* | *976.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0061 | EA | 30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 2,215.13 | 152.87 |
| | | *For Flange Frame, Add* | *190.94* | |
| | | *For Clear Lacquer Finish, Add* | *381.88* | |
| | | *For Baked Enamel Standard Colors, Add* | *572.82* | |
| | | *For Anodized Finish, Add* | *763.76* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,050.17* | |
| 08 91 19 00-0062 | EA | 36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 579.70 | 47.25 |
| | | *For Flange Frame, Add* | *48.52* | |
| | | *For Clear Lacquer Finish, Add* | *97.04* | |
| | | *For Baked Enamel Standard Colors, Add* | *145.56* | |
| | | *For Anodized Finish, Add* | *194.08* | |
| | | *For Kynar® Standard Colors Finish, Add* | *266.87* | |
| 08 91 19 00-0063 | EA | 36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 760.72 | 61.15 |
| | | *For Flange Frame, Add* | *63.84* | |
| | | *For Clear Lacquer Finish, Add* | *127.69* | |
| | | *For Baked Enamel Standard Colors, Add* | *191.53* | |
| | | *For Anodized Finish, Add* | *255.37* | |
| | | *For Kynar® Standard Colors Finish, Add* | *351.14* | |
| 08 91 19 00-0064 | EA | 36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 879.55 | 69.49 |
| | | *For Flange Frame, Add* | *74.06* | |
| | | *For Clear Lacquer Finish, Add* | *148.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *222.17* | |
| | | *For Anodized Finish, Add* | *296.23* | |
| | | *For Kynar® Standard Colors Finish, Add* | *407.32* | |
| 08 91 19 00-0065 | EA | 36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. Excludes actuator. | 1,020.96 | 77.82 |
| | | *For Flange Frame, Add* | *86.53* | |
| | | *For Clear Lacquer Finish, Add* | *173.06* | |
| | | *For Baked Enamel Standard Colors, Add* | *259.60* | |
| | | *For Anodized Finish, Add* | *346.13* | |
| | | *For Kynar® Standard Colors Finish, Add* | *475.93* | |
| 08 91 19 00-0066 | EA | 36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,179.66 | 84.49 |
| | | *For Flange Frame, Add* | *101.07* | |
| | | *For Clear Lacquer Finish, Add* | *202.14* | |
| | | *For Baked Enamel Standard Colors, Add* | *303.20* | |
| | | *For Anodized Finish, Add* | *404.27* | |
| | | *For Kynar® Standard Colors Finish, Add* | *555.87* | |
| 08 91 19 00-0067 | EA | 36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,303.15 | 91.72 |
| | | *For Flange Frame, Add* | *111.97* | |
| | | *For Clear Lacquer Finish, Add* | *223.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *335.91* | |
| | | *For Anodized Finish, Add* | *447.88* | |
| | | *For Kynar® Standard Colors Finish, Add* | *615.84* | |
| 08 91 19 00-0068 | EA | 36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,409.54 | 97.27 |
| | | *For Flange Frame, Add* | *121.50* | |
| | | *For Clear Lacquer Finish, Add* | *243.00* | |
| | | *For Baked Enamel Standard Colors, Add* | *364.49* | |
| | | *For Anodized Finish, Add* | *485.99* | |
| | | *For Kynar® Standard Colors Finish, Add* | *668.24* | |
| 08 91 19 00-0069 | EA | 36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,551.94 | 105.61 |
| | | *For Flange Frame, Add* | *134.07* | |
| | | *For Clear Lacquer Finish, Add* | *268.14* | |
| | | *For Baked Enamel Standard Colors, Add* | *402.21* | |
| | | *For Anodized Finish, Add* | *536.28* | |
| | | *For Kynar® Standard Colors Finish, Add* | *737.39* | |
| 08 91 19 00-0070 | EA | 36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,659.95 | 113.95 |
| | | *For Flange Frame, Add* | *143.21* | |
| | | *For Clear Lacquer Finish, Add* | *286.41* | |
| | | *For Baked Enamel Standard Colors, Add* | *429.62* | |
| | | *For Anodized Finish, Add* | *572.82* | |
| | | *For Kynar® Standard Colors Finish, Add* | *787.63* | |
| 08 91 19 00-0071 | EA | 36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,830.83 | 122.29 |
| | | *For Flange Frame, Add* | *158.63* | |
| | | *For Clear Lacquer Finish, Add* | *317.25* | |
| | | *For Baked Enamel Standard Colors, Add* | *475.88* | |
| | | *For Anodized Finish, Add* | *634.50* | |
| | | *For Kynar® Standard Colors Finish, Add* | *872.44* | |
| 08 91 19 00-0072 | EA | 36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,943.77 | 130.63 |
| | | *For Flange Frame, Add* | *168.25* | |
| | | *For Clear Lacquer Finish, Add* | *336.50* | |
| | | *For Baked Enamel Standard Colors, Add* | *504.75* | |
| | | *For Anodized Finish, Add* | *673.00* | |
| | | *For Kynar® Standard Colors Finish, Add* | *925.38* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0073 | EA | 36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum | 2,065.88 | 136.19 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *179.35* | |
| | | *For Clear Lacquer Finish, Add* | *358.70* | |
| | | *For Baked Enamel Standard Colors, Add* | *538.05* | |
| | | *For Anodized Finish, Add* | *717.40* | |
| | | *For Kynar® Standard Colors Finish, Add* | *986.43* | |
| 08 91 19 00-0074 | EA | 36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum | 2,192.89 | 141.75 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *190.94* | |
| | | *For Clear Lacquer Finish, Add* | *381.88* | |
| | | *For Baked Enamel Standard Colors, Add* | *572.82* | |
| | | *For Anodized Finish, Add* | *763.76* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,050.17* | |
| 08 91 19 00-0075 | EA | 36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum | 2,301.89 | 150.09 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *200.17* | |
| | | *For Clear Lacquer Finish, Add* | *400.34* | |
| | | *For Baked Enamel Standard Colors, Add* | *600.52* | |
| | | *For Anodized Finish, Add* | *800.69* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,100.95* | |
| 08 91 19 00-0076 | EA | 36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum | 2,471.80 | 158.42 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *215.50* | |
| | | *For Clear Lacquer Finish, Add* | *430.99* | |
| | | *For Baked Enamel Standard Colors, Add* | *646.49* | |
| | | *For Anodized Finish, Add* | *861.98* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,185.22* | |
| 08 91 19 00-0077 | EA | 42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum | 674.30 | 52.81 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *56.87* | |
| | | *For Clear Lacquer Finish, Add* | *113.74* | |
| | | *For Baked Enamel Standard Colors, Add* | *170.61* | |
| | | *For Anodized Finish, Add* | *227.48* | |
| | | *For Kynar® Standard Colors Finish, Add* | *312.78* | |
| 08 91 19 00-0078 | EA | 42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum | 826.84 | 66.71 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *69.34* | |
| | | *For Clear Lacquer Finish, Add* | *138.69* | |
| | | *For Baked Enamel Standard Colors, Add* | *208.03* | |
| | | *For Anodized Finish, Add* | *277.37* | |
| | | *For Kynar® Standard Colors Finish, Add* | *381.39* | |
| 08 91 19 00-0079 | EA | 42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum | 958.44 | 75.04 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *80.84* | |
| | | *For Clear Lacquer Finish, Add* | *161.67* | |
| | | *For Baked Enamel Standard Colors, Add* | *242.51* | |
| | | *For Anodized Finish, Add* | *323.34* | |
| | | *For Kynar® Standard Colors Finish, Add* | *444.59* | |
| 08 91 19 00-0080 | EA | 42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum | 1,121.13 | 86.16 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *94.88* | |
| | | *For Clear Lacquer Finish, Add* | *189.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *284.64* | |
| | | *For Anodized Finish, Add* | *379.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *521.85* | |
| 08 91 19 00-0081 | EA | 42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum | 1,293.33 | 91.72 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *110.99* | |
| | | *For Clear Lacquer Finish, Add* | *221.98* | |
| | | *For Baked Enamel Standard Colors, Add* | *332.97* | |
| | | *For Anodized Finish, Add* | *443.96* | |
| | | *For Kynar® Standard Colors Finish, Add* | *610.44* | |
| 08 91 19 00-0082 | EA | 42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum | 1,431.15 | 97.27 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *123.66* | |
| | | *For Clear Lacquer Finish, Add* | *247.32* | |
| | | *For Baked Enamel Standard Colors, Add* | *370.98* | |
| | | *For Anodized Finish, Add* | *494.64* | |
| | | *For Kynar® Standard Colors Finish, Add* | *680.12* | |
| 08 91 19 00-0083 | EA | 42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum | 1,550.31 | 102.83 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *134.46* | |
| | | *For Clear Lacquer Finish, Add* | *268.93* | |
| | | *For Baked Enamel Standard Colors, Add* | *403.39* | |
| | | *For Anodized Finish, Add* | *537.85* | |
| | | *For Kynar® Standard Colors Finish, Add* | *739.55* | |
| 08 91 19 00-0084 | EA | 42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum | 1,692.69 | 111.17 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *147.04* | |
| | | *For Clear Lacquer Finish, Add* | *294.07* | |
| | | *For Baked Enamel Standard Colors, Add* | *441.11* | |
| | | *For Anodized Finish, Add* | *588.14* | |
| | | *For Kynar® Standard Colors Finish, Add* | *808.69* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0085 | EA | 42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum | 1,814.47 | 119.51 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *157.55* | |
| | | *For Clear Lacquer Finish, Add* | *315.09* | |
| | | *For Baked Enamel Standard Colors, Add* | *472.64* | |
| | | *For Anodized Finish, Add* | *630.18* | |
| | | *For Kynar® Standard Colors Finish, Add* | *866.50* | |
| 08 91 19 00-0086 | EA | 42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum | 2,004.02 | 127.85 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *174.83* | |
| | | *For Clear Lacquer Finish, Add* | *349.66* | |
| | | *For Baked Enamel Standard Colors, Add* | *524.50* | |
| | | *For Anodized Finish, Add* | *699.33* | |
| | | *For Kynar® Standard Colors Finish, Add* | *961.58* | |
| 08 91 19 00-0087 | EA | 42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum | 2,125.79 | 136.19 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *185.34* | |
| | | *For Clear Lacquer Finish, Add* | *370.68* | |
| | | *For Baked Enamel Standard Colors, Add* | *556.02* | |
| | | *For Anodized Finish, Add* | *741.36* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,019.38* | |
| 08 91 19 00-0088 | EA | 42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum | 2,263.61 | 141.75 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *198.01* | |
| | | *For Clear Lacquer Finish, Add* | *396.02* | |
| | | *For Baked Enamel Standard Colors, Add* | *594.04* | |
| | | *For Anodized Finish, Add* | *792.05* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,089.07* | |
| 08 91 19 00-0089 | EA | 42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum | 2,402.41 | 147.31 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *210.78* | |
| | | *For Clear Lacquer Finish, Add* | *421.56* | |
| | | *For Baked Enamel Standard Colors, Add* | *632.34* | |
| | | *For Anodized Finish, Add* | *843.12* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,159.29* | |
| 08 91 19 00-0090 | EA | 42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum | 2,531.06 | 155.64 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *221.98* | |
| | | *For Clear Lacquer Finish, Add* | *443.95* | |
| | | *For Baked Enamel Standard Colors, Add* | *665.93* | |
| | | *For Anodized Finish, Add* | *887.91* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,220.87* | |
| 08 91 19 00-0091 | EA | 42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum | 2,713.73 | 163.98 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *238.58* | |
| | | *For Clear Lacquer Finish, Add* | *477.15* | |
| | | *For Baked Enamel Standard Colors, Add* | *715.73* | |
| | | *For Anodized Finish, Add* | *954.30* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,312.17* | |
| 08 91 19 00-0092 | EA | 48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum | 737.48 | 58.37 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *62.08* | |
| | | *For Clear Lacquer Finish, Add* | *124.15* | |
| | | *For Baked Enamel Standard Colors, Add* | *186.23* | |
| | | *For Anodized Finish, Add* | *248.30* | |
| | | *For Kynar® Standard Colors Finish, Add* | *341.41* | |
| 08 91 19 00-0093 | EA | 48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum | 903.77 | 72.26 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *75.92* | |
| | | *For Clear Lacquer Finish, Add* | *151.85* | |
| | | *For Baked Enamel Standard Colors, Add* | *227.77* | |
| | | *For Anodized Finish, Add* | *303.70* | |
| | | *For Kynar® Standard Colors Finish, Add* | *417.58* | |
| 08 91 19 00-0094 | EA | 48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum | 1,058.60 | 83.38 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *89.18* | |
| | | *For Clear Lacquer Finish, Add* | *178.37* | |
| | | *For Baked Enamel Standard Colors, Add* | *267.55* | |
| | | *For Anodized Finish, Add* | *356.74* | |
| | | *For Kynar® Standard Colors Finish, Add* | *490.51* | |
| 08 91 19 00-0095 | EA | 48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum | 1,218.68 | 91.72 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *103.52* | |
| | | *For Clear Lacquer Finish, Add* | *207.05* | |
| | | *For Baked Enamel Standard Colors, Add* | *310.57* | |
| | | *For Anodized Finish, Add* | *414.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *569.38* | |
| 08 91 19 00-0096 | EA | 48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum | 1,415.43 | 97.27 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *122.09* | |
| | | *For Clear Lacquer Finish, Add* | *244.17* | |
| | | *For Baked Enamel Standard Colors, Add* | *366.26* | |
| | | *For Anodized Finish, Add* | *488.35* | |
| | | *For Kynar® Standard Colors Finish, Add* | *671.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0097 | EA | 48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum | 1,574.87 | 102.83 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *136.92* | |
| | | *For Clear Lacquer Finish, Add* | *273.84* | |
| | | *For Baked Enamel Standard Colors, Add* | *410.76* | |
| | | *For Anodized Finish, Add* | *547.68* | |
| | | *For Kynar® Standard Colors Finish, Add* | *753.05* | |
| 08 91 19 00-0098 | EA | 48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum | 1,706.44 | 111.17 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *148.41* | |
| | | *For Clear Lacquer Finish, Add* | *296.82* | |
| | | *For Baked Enamel Standard Colors, Add* | *445.23* | |
| | | *For Anodized Finish, Add* | *593.64* | |
| | | *For Kynar® Standard Colors Finish, Add* | *816.26* | |
| 08 91 19 00-0099 | EA | 48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum | 1,913.67 | 119.51 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *167.47* | |
| | | *For Clear Lacquer Finish, Add* | *334.93* | |
| | | *For Baked Enamel Standard Colors, Add* | *502.40* | |
| | | *For Anodized Finish, Add* | *669.86* | |
| | | *For Kynar® Standard Colors Finish, Add* | *921.06* | |
| 08 91 19 00-0100 | EA | 48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum | 2,004.02 | 127.85 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *174.83* | |
| | | *For Clear Lacquer Finish, Add* | *349.66* | |
| | | *For Baked Enamel Standard Colors, Add* | *524.50* | |
| | | *For Anodized Finish, Add* | *699.33* | |
| | | *For Kynar® Standard Colors Finish, Add* | *961.58* | |
| 08 91 19 00-0101 | EA | 48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum | 2,206.33 | 136.19 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *193.40* | |
| | | *For Clear Lacquer Finish, Add* | *386.79* | |
| | | *For Baked Enamel Standard Colors, Add* | *580.19* | |
| | | *For Anodized Finish, Add* | *773.58* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,063.67* | |
| 08 91 19 00-0102 | EA | 48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum | 2,346.76 | 144.53 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *205.77* | |
| | | *For Clear Lacquer Finish, Add* | *411.54* | |
| | | *For Baked Enamel Standard Colors, Add* | *617.31* | |
| | | *For Anodized Finish, Add* | *823.08* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,131.74* | |
| 08 91 19 00-0103 | EA | 48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum | 2,500.30 | 150.09 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *220.01* | |
| | | *For Clear Lacquer Finish, Add* | *440.03* | |
| | | *For Baked Enamel Standard Colors, Add* | *660.04* | |
| | | *For Anodized Finish, Add* | *880.05* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,210.07* | |
| 08 91 19 00-0104 | EA | 48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum | 2,653.84 | 155.64 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *234.26* | |
| | | *For Clear Lacquer Finish, Add* | *468.51* | |
| | | *For Baked Enamel Standard Colors, Add* | *702.77* | |
| | | *For Anodized Finish, Add* | *937.02* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,288.40* | |
| 08 91 19 00-0105 | EA | 48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum | 2,781.84 | 161.20 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *245.94* | |
| | | *For Clear Lacquer Finish, Add* | *491.89* | |
| | | *For Baked Enamel Standard Colors, Add* | *737.83* | |
| | | *For Anodized Finish, Add* | *983.77* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,352.69* | |
| 08 91 19 00-0106 | EA | 48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum | 2,992.01 | 169.54 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *265.29* | |
| | | *For Clear Lacquer Finish, Add* | *530.58* | |
| | | *For Baked Enamel Standard Colors, Add* | *795.88* | |
| | | *For Anodized Finish, Add* | *1,061.17* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,459.11* | |
| 08 91 19 00-0107 | EA | 54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum | 817.02 | 66.71 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *68.36* | |
| | | *For Clear Lacquer Finish, Add* | *136.72* | |
| | | *For Baked Enamel Standard Colors, Add* | *205.08* | |
| | | *For Anodized Finish, Add* | *273.44* | |
| | | *For Kynar® Standard Colors Finish, Add* | *375.99* | |
| 08 91 19 00-0108 | EA | 54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum | 1,002.95 | 80.60 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *84.18* | |
| | | *For Clear Lacquer Finish, Add* | *168.35* | |
| | | *For Baked Enamel Standard Colors, Add* | *252.53* | |
| | | *For Anodized Finish, Add* | *336.70* | |
| | | *For Kynar® Standard Colors Finish, Add* | *462.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0109 | EA | 54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,174.15 | 94.49 |
| | | *For Flange Frame, Add* | *98.52* | |
| | | *For Clear Lacquer Finish, Add* | *197.03* | |
| | | *For Baked Enamel Standard Colors, Add* | *295.55* | |
| | | *For Anodized Finish, Add* | *394.06* | |
| | | *For Kynar® Standard Colors Finish, Add* | *541.83* | |
| 08 91 19 00-0110 | EA | 54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,345.37 | 100.05 |
| | | *For Flange Frame, Add* | *114.53* | |
| | | *For Clear Lacquer Finish, Add* | *229.05* | |
| | | *For Baked Enamel Standard Colors, Add* | *343.58* | |
| | | *For Anodized Finish, Add* | *458.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *629.89* | |
| 08 91 19 00-0111 | EA | 54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,580.43 | 105.61 |
| | | *For Flange Frame, Add* | *136.92* | |
| | | *For Clear Lacquer Finish, Add* | *273.84* | |
| | | *For Baked Enamel Standard Colors, Add* | *410.76* | |
| | | *For Anodized Finish, Add* | *547.68* | |
| | | *For Kynar® Standard Colors Finish, Add* | *753.05* | |
| 08 91 19 00-0112 | EA | 54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,743.77 | 111.17 |
| | | *For Flange Frame, Add* | *152.14* | |
| | | *For Clear Lacquer Finish, Add* | *304.29* | |
| | | *For Baked Enamel Standard Colors, Add* | *456.43* | |
| | | *For Anodized Finish, Add* | *608.57* | |
| | | *For Kynar® Standard Colors Finish, Add* | *836.79* | |
| 08 91 19 00-0113 | EA | 54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,897.96 | 119.51 |
| | | *For Flange Frame, Add* | *165.89* | |
| | | *For Clear Lacquer Finish, Add* | *331.79* | |
| | | *For Baked Enamel Standard Colors, Add* | *497.68* | |
| | | *For Anodized Finish, Add* | *663.58* | |
| | | *For Kynar® Standard Colors Finish, Add* | *912.42* | |
| 08 91 19 00-0114 | EA | 54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,123.84 | 127.85 |
| | | *For Flange Frame, Add* | *186.81* | |
| | | *For Clear Lacquer Finish, Add* | *373.63* | |
| | | *For Baked Enamel Standard Colors, Add* | *560.44* | |
| | | *For Anodized Finish, Add* | *747.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,027.48* | |
| 08 91 19 00-0115 | EA | 54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,282.94 | 136.19 |
| | | *For Flange Frame, Add* | *201.06* | |
| | | *For Clear Lacquer Finish, Add* | *402.11* | |
| | | *For Baked Enamel Standard Colors, Add* | *603.17* | |
| | | *For Anodized Finish, Add* | *804.22* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,105.81* | |
| 08 91 19 00-0116 | EA | 54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,519.63 | 144.53 |
| | | *For Flange Frame, Add* | *223.06* | |
| | | *For Clear Lacquer Finish, Add* | *446.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *669.17* | |
| | | *For Anodized Finish, Add* | *892.23* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,226.82* | |
| 08 91 19 00-0117 | EA | 54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,672.18 | 150.09 |
| | | *For Flange Frame, Add* | *237.20* | |
| | | *For Clear Lacquer Finish, Add* | *474.40* | |
| | | *For Baked Enamel Standard Colors, Add* | *711.60* | |
| | | *For Anodized Finish, Add* | *948.80* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,304.61* | |
| 08 91 19 00-0118 | EA | 54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,846.35 | 155.64 |
| | | *For Flange Frame, Add* | *253.51* | |
| | | *For Clear Lacquer Finish, Add* | *507.01* | |
| | | *For Baked Enamel Standard Colors, Add* | *760.52* | |
| | | *For Anodized Finish, Add* | *1,014.02* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,394.28* | |
| 08 91 19 00-0119 | EA | 54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,013.64 | 161.20 |
| | | *For Flange Frame, Add* | *269.12* | |
| | | *For Clear Lacquer Finish, Add* | *538.25* | |
| | | *For Baked Enamel Standard Colors, Add* | *807.37* | |
| | | *For Anodized Finish, Add* | *1,076.49* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,480.18* | |
| 08 91 19 00-0120 | EA | 54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,152.44 | 166.76 |
| | | *For Flange Frame, Add* | *281.89* | |
| | | *For Clear Lacquer Finish, Add* | *563.78* | |
| | | *For Baked Enamel Standard Colors, Add* | *845.67* | |
| | | *For Anodized Finish, Add* | *1,127.56* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,550.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0121 | EA | 54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum | 3,396.98 | 175.10 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *304.68* | |
| | | *For Clear Lacquer Finish, Add* | *609.36* | |
| | | *For Baked Enamel Standard Colors, Add* | *914.03* | |
| | | *For Anodized Finish, Add* | *1,218.71* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,675.73* | |
| 08 91 19 00-0122 | EA | 60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum | 878.23 | 72.26 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *73.37* | |
| | | *For Clear Lacquer Finish, Add* | *146.74* | |
| | | *For Baked Enamel Standard Colors, Add* | *220.11* | |
| | | *For Anodized Finish, Add* | *293.48* | |
| | | *For Kynar® Standard Colors Finish, Add* | *403.54* | |
| 08 91 19 00-0123 | EA | 60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum | 1,083.47 | 88.94 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *90.56* | |
| | | *For Clear Lacquer Finish, Add* | *181.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *271.68* | |
| | | *For Anodized Finish, Add* | *362.24* | |
| | | *For Kynar® Standard Colors Finish, Add* | *498.07* | |
| 08 91 19 00-0124 | EA | 60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum | 1,258.93 | 100.05 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *105.88* | |
| | | *For Clear Lacquer Finish, Add* | *211.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *317.64* | |
| | | *For Anodized Finish, Add* | *423.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *582.35* | |
| 08 91 19 00-0125 | EA | 60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum | 1,456.67 | 105.61 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *124.54* | |
| | | *For Clear Lacquer Finish, Add* | *249.09* | |
| | | *For Baked Enamel Standard Colors, Add* | *373.63* | |
| | | *For Anodized Finish, Add* | *498.17* | |
| | | *For Kynar® Standard Colors Finish, Add* | *684.99* | |
| 08 91 19 00-0126 | EA | 60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum | 1,702.18 | 113.95 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *147.43* | |
| | | *For Clear Lacquer Finish, Add* | *294.86* | |
| | | *For Baked Enamel Standard Colors, Add* | *442.28* | |
| | | *For Anodized Finish, Add* | *589.71* | |
| | | *For Kynar® Standard Colors Finish, Add* | *810.85* | |
| 08 91 19 00-0127 | EA | 60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum | 1,885.19 | 119.51 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *164.62* | |
| | | *For Clear Lacquer Finish, Add* | *329.23* | |
| | | *For Baked Enamel Standard Colors, Add* | *493.85* | |
| | | *For Anodized Finish, Add* | *658.47* | |
| | | *For Kynar® Standard Colors Finish, Add* | *905.39* | |
| 08 91 19 00-0128 | EA | 60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum | 2,046.25 | 127.85 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *179.06* | |
| | | *For Clear Lacquer Finish, Add* | *358.11* | |
| | | *For Baked Enamel Standard Colors, Add* | *537.17* | |
| | | *For Anodized Finish, Add* | *716.22* | |
| | | *For Kynar® Standard Colors Finish, Add* | *984.80* | |
| 08 91 19 00-0129 | EA | 60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum | 2,287.85 | 136.19 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *201.55* | |
| | | *For Clear Lacquer Finish, Add* | *403.09* | |
| | | *For Baked Enamel Standard Colors, Add* | *604.64* | |
| | | *For Anodized Finish, Add* | *806.19* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,108.51* | |
| 08 91 19 00-0130 | EA | 60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum | 2,458.73 | 144.53 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *216.97* | |
| | | *For Clear Lacquer Finish, Add* | *433.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *650.90* | |
| | | *For Anodized Finish, Add* | *867.87* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,193.32* | |
| 08 91 19 00-0131 | EA | 60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum | 2,715.07 | 152.87 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *240.93* | |
| | | *For Clear Lacquer Finish, Add* | *481.87* | |
| | | *For Baked Enamel Standard Colors, Add* | *722.80* | |
| | | *For Anodized Finish, Add* | *963.74* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,325.14* | |
| 08 91 19 00-0132 | EA | 60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum | 2,877.45 | 158.42 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *256.06* | |
| | | *For Clear Lacquer Finish, Add* | *512.12* | |
| | | *For Baked Enamel Standard Colors, Add* | *768.18* | |
| | | *For Anodized Finish, Add* | *1,024.24* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,408.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0133 | EA | 60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,062.41 | 163.98 |
| | | *For Flange Frame, Add* | *273.44* | |
| | | *For Clear Lacquer Finish, Add* | *546.89* | |
| | | *For Baked Enamel Standard Colors, Add* | *820.33* | |
| | | *For Anodized Finish, Add* | *1,093.78* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,503.94* | |
| 08 91 19 00-0134 | EA | 60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,243.46 | 169.54 |
| | | *For Flange Frame, Add* | *290.44* | |
| | | *For Clear Lacquer Finish, Add* | *580.87* | |
| | | *For Baked Enamel Standard Colors, Add* | *871.31* | |
| | | *For Anodized Finish, Add* | *1,161.75* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,597.40* | |
| 08 91 19 00-0135 | EA | 60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,396.98 | 175.10 |
| | | *For Flange Frame, Add* | *304.68* | |
| | | *For Clear Lacquer Finish, Add* | *609.36* | |
| | | *For Baked Enamel Standard Colors, Add* | *914.03* | |
| | | *For Anodized Finish, Add* | *1,218.71* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,675.73* | |
| 08 91 19 00-0136 | EA | 60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,652.66 | 180.66 |
| | | *For Flange Frame, Add* | *329.14* | |
| | | *For Clear Lacquer Finish, Add* | *658.27* | |
| | | *For Baked Enamel Standard Colors, Add* | *987.41* | |
| | | *For Anodized Finish, Add* | *1,316.54* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,810.24* | |
| 08 91 19 00-0137 | EA | 66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,012.12 | 77.82 |
| | | *For Flange Frame, Add* | *85.65* | |
| | | *For Clear Lacquer Finish, Add* | *171.30* | |
| | | *For Baked Enamel Standard Colors, Add* | *256.94* | |
| | | *For Anodized Finish, Add* | *342.59* | |
| | | *For Kynar® Standard Colors Finish, Add* | *471.06* | |
| 08 91 19 00-0138 | EA | 66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,251.74 | 94.49 |
| | | *For Flange Frame, Add* | *106.27* | |
| | | *For Clear Lacquer Finish, Add* | *212.55* | |
| | | *For Baked Enamel Standard Colors, Add* | *318.82* | |
| | | *For Anodized Finish, Add* | *425.10* | |
| | | *For Kynar® Standard Colors Finish, Add* | *584.51* | |
| 08 91 19 00-0139 | EA | 66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,458.93 | 111.17 |
| | | *For Flange Frame, Add* | *123.66* | |
| | | *For Clear Lacquer Finish, Add* | *247.32* | |
| | | *For Baked Enamel Standard Colors, Add* | *370.98* | |
| | | *For Anodized Finish, Add* | *494.64* | |
| | | *For Kynar® Standard Colors Finish, Add* | *680.12* | |
| 08 91 19 00-0140 | EA | 66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,674.35 | 116.73 |
| | | *For Flange Frame, Add* | *144.09* | |
| | | *For Clear Lacquer Finish, Add* | *288.18* | |
| | | *For Baked Enamel Standard Colors, Add* | *432.27* | |
| | | *For Anodized Finish, Add* | *576.36* | |
| | | *For Kynar® Standard Colors Finish, Add* | *792.49* | |
| 08 91 19 00-0141 | EA | 66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,960.48 | 122.29 |
| | | *For Flange Frame, Add* | *171.59* | |
| | | *For Clear Lacquer Finish, Add* | *343.18* | |
| | | *For Baked Enamel Standard Colors, Add* | *514.77* | |
| | | *For Anodized Finish, Add* | *686.36* | |
| | | *For Kynar® Standard Colors Finish, Add* | *943.75* | |
| 08 91 19 00-0142 | EA | 66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,160.19 | 127.85 |
| | | *For Flange Frame, Add* | *190.45* | |
| | | *For Clear Lacquer Finish, Add* | *380.90* | |
| | | *For Baked Enamel Standard Colors, Add* | *571.35* | |
| | | *For Anodized Finish, Add* | *761.80* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,047.47* | |
| 08 91 19 00-0143 | EA | 66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,352.68 | 136.19 |
| | | *For Flange Frame, Add* | *208.03* | |
| | | *For Clear Lacquer Finish, Add* | *416.06* | |
| | | *For Baked Enamel Standard Colors, Add* | *624.09* | |
| | | *For Anodized Finish, Add* | *832.12* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,144.17* | |
| 08 91 19 00-0144 | EA | 66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,578.56 | 144.53 |
| | | *For Flange Frame, Add* | *228.95* | |
| | | *For Clear Lacquer Finish, Add* | *457.90* | |
| | | *For Baked Enamel Standard Colors, Add* | *686.85* | |
| | | *For Anodized Finish, Add* | *915.80* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,259.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0145 | EA | 66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,770.07 | 152.87 |
| | | *For Flange Frame, Add* | *246.43* | |
| | | *For Clear Lacquer Finish, Add* | *492.87* | |
| | | *For Baked Enamel Standard Colors, Add* | *739.30* | |
| | | *For Anodized Finish, Add* | *985.74* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,355.39* | |
| 08 91 19 00-0146 | EA | 66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,064.38 | 163.98 |
| | | *For Flange Frame, Add* | *273.64* | |
| | | *For Clear Lacquer Finish, Add* | *547.28* | |
| | | *For Baked Enamel Standard Colors, Add* | *820.92* | |
| | | *For Anodized Finish, Add* | *1,094.56* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,505.03* | |
| 08 91 19 00-0147 | EA | 66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,249.01 | 172.32 |
| | | *For Flange Frame, Add* | *290.44* | |
| | | *For Clear Lacquer Finish, Add* | *580.87* | |
| | | *For Baked Enamel Standard Colors, Add* | *871.31* | |
| | | *For Anodized Finish, Add* | *1,161.75* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,597.40* | |
| 08 91 19 00-0148 | EA | 66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,444.77 | 177.88 |
| | | *For Flange Frame, Add* | *308.90* | |
| | | *For Clear Lacquer Finish, Add* | *617.80* | |
| | | *For Baked Enamel Standard Colors, Add* | *926.71* | |
| | | *For Anodized Finish, Add* | *1,235.61* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,698.96* | |
| 08 91 19 00-0149 | EA | 66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,644.47 | 183.44 |
| | | *For Flange Frame, Add* | *327.76* | |
| | | *For Clear Lacquer Finish, Add* | *655.52* | |
| | | *For Baked Enamel Standard Colors, Add* | *983.28* | |
| | | *For Anodized Finish, Add* | *1,311.04* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,802.68* | |
| 08 91 19 00-0150 | EA | 66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,817.65 | 189.00 |
| | | *For Flange Frame, Add* | *343.97* | |
| | | *For Clear Lacquer Finish, Add* | *687.93* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,031.90* | |
| | | *For Anodized Finish, Add* | *1,375.86* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,891.81* | |
| 08 91 19 00-0151 | EA | 66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 4,102.81 | 194.56 |
| | | *For Flange Frame, Add* | *371.37* | |
| | | *For Clear Lacquer Finish, Add* | *742.74* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,114.11* | |
| | | *For Anodized Finish, Add* | *1,485.48* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,042.54* | |
| 08 91 19 00-0152 | EA | 72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,068.42 | 83.38 |
| | | *For Flange Frame, Add* | *90.17* | |
| | | *For Clear Lacquer Finish, Add* | *180.33* | |
| | | *For Baked Enamel Standard Colors, Add* | *270.50* | |
| | | *For Anodized Finish, Add* | *360.66* | |
| | | *For Kynar® Standard Colors Finish, Add* | *495.91* | |
| 08 91 19 00-0153 | EA | 72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,319.83 | 100.05 |
| | | *For Flange Frame, Add* | *111.97* | |
| | | *For Clear Lacquer Finish, Add* | *223.94* | |
| | | *For Baked Enamel Standard Colors, Add* | *335.91* | |
| | | *For Anodized Finish, Add* | *447.88* | |
| | | *For Kynar® Standard Colors Finish, Add* | *615.84* | |
| 08 91 19 00-0154 | EA | 72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,537.82 | 116.73 |
| | | *For Flange Frame, Add* | *130.44* | |
| | | *For Clear Lacquer Finish, Add* | *260.87* | |
| | | *For Baked Enamel Standard Colors, Add* | *391.31* | |
| | | *For Anodized Finish, Add* | *521.74* | |
| | | *For Kynar® Standard Colors Finish, Add* | *717.40* | |
| 08 91 19 00-0155 | EA | 72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,771.57 | 125.07 |
| | | *For Flange Frame, Add* | *152.14* | |
| | | *For Clear Lacquer Finish, Add* | *304.29* | |
| | | *For Baked Enamel Standard Colors, Add* | *456.43* | |
| | | *For Anodized Finish, Add* | *608.57* | |
| | | *For Kynar® Standard Colors Finish, Add* | *836.79* | |
| 08 91 19 00-0156 | EA | 72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,078.33 | 130.63 |
| | | *For Flange Frame, Add* | *181.71* | |
| | | *For Clear Lacquer Finish, Add* | *363.41* | |
| | | *For Baked Enamel Standard Colors, Add* | *545.12* | |
| | | *For Anodized Finish, Add* | *726.83* | |
| | | *For Kynar® Standard Colors Finish, Add* | *999.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0157 | EA | 72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,288.84 | 136.19 |
| | | *For Flange Frame, Add* | *201.65* | |
| | | *For Clear Lacquer Finish, Add* | *403.29* | |
| | | *For Baked Enamel Standard Colors, Add* | *604.94* | |
| | | *For Anodized Finish, Add* | *806.58* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,109.05* | |
| 08 91 19 00-0158 | EA | 72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,494.09 | 144.53 |
| | | *For Flange Frame, Add* | *220.50* | |
| | | *For Clear Lacquer Finish, Add* | *441.01* | |
| | | *For Baked Enamel Standard Colors, Add* | *661.51* | |
| | | *For Anodized Finish, Add* | *882.02* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,212.77* | |
| 08 91 19 00-0159 | EA | 72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,727.19 | 150.09 |
| | | *For Flange Frame, Add* | *242.70* | |
| | | *For Clear Lacquer Finish, Add* | *485.40* | |
| | | *For Baked Enamel Standard Colors, Add* | *728.11* | |
| | | *For Anodized Finish, Add* | *970.81* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,334.86* | |
| 08 91 19 00-0160 | EA | 72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,927.54 | 158.42 |
| | | *For Flange Frame, Add* | *261.07* | |
| | | *For Clear Lacquer Finish, Add* | *522.14* | |
| | | *For Baked Enamel Standard Colors, Add* | *783.21* | |
| | | *For Anodized Finish, Add* | *1,044.28* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,435.88* | |
| 08 91 19 00-0161 | EA | 72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,249.01 | 172.32 |
| | | *For Flange Frame, Add* | *290.44* | |
| | | *For Clear Lacquer Finish, Add* | *580.87* | |
| | | *For Baked Enamel Standard Colors, Add* | *871.31* | |
| | | *For Anodized Finish, Add* | *1,161.75* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,597.40* | |
| 08 91 19 00-0162 | EA | 72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,452.29 | 180.66 |
| | | *For Flange Frame, Add* | *309.10* | |
| | | *For Clear Lacquer Finish, Add* | *618.20* | |
| | | *For Baked Enamel Standard Colors, Add* | *927.29* | |
| | | *For Anodized Finish, Add* | *1,236.39* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,700.04* | |
| 08 91 19 00-0163 | EA | 72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,653.96 | 186.22 |
| | | *For Flange Frame, Add* | *328.15* | |
| | | *For Clear Lacquer Finish, Add* | *656.31* | |
| | | *For Baked Enamel Standard Colors, Add* | *984.46* | |
| | | *For Anodized Finish, Add* | *1,312.61* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,804.84* | |
| 08 91 19 00-0164 | EA | 72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,858.57 | 191.78 |
| | | *For Flange Frame, Add* | *347.50* | |
| | | *For Clear Lacquer Finish, Add* | *695.00* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,042.51* | |
| | | *For Anodized Finish, Add* | *1,390.01* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,911.26* | |
| 08 91 19 00-0165 | EA | 72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 4,050.42 | 197.34 |
| | | *For Flange Frame, Add* | *365.58* | |
| | | *For Clear Lacquer Finish, Add* | *731.15* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,096.73* | |
| | | *For Anodized Finish, Add* | *1,462.30* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,010.66* | |
| 08 91 19 00-0166 | EA | 72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 4,354.22 | 202.90 |
| | | *For Flange Frame, Add* | *394.84* | |
| | | *For Clear Lacquer Finish, Add* | *789.69* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,184.53* | |
| | | *For Anodized Finish, Add* | *1,579.38* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,171.64* | |
| 08 91 19 00-0167 | EA | 78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,136.51 | 88.94 |
| | | *For Flange Frame, Add* | *95.86* | |
| | | *For Clear Lacquer Finish, Add* | *191.73* | |
| | | *For Baked Enamel Standard Colors, Add* | *287.59* | |
| | | *For Anodized Finish, Add* | *383.45* | |
| | | *For Kynar® Standard Colors Finish, Add* | *527.25* | |
| 08 91 19 00-0168 | EA | 78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,394.79 | 105.61 |
| | | *For Flange Frame, Add* | *118.36* | |
| | | *For Clear Lacquer Finish, Add* | *236.71* | |
| | | *For Baked Enamel Standard Colors, Add* | *355.07* | |
| | | *For Anodized Finish, Add* | *473.42* | |
| | | *For Kynar® Standard Colors Finish, Add* | *650.95* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0169 | EA | 78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum | 1,617.70 | 122.29 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *137.31* | |
| | | *For Clear Lacquer Finish, Add* | *274.62* | |
| | | *For Baked Enamel Standard Colors, Add* | *411.94* | |
| | | *For Anodized Finish, Add* | *549.25* | |
| | | *For Kynar® Standard Colors Finish, Add* | *755.22* | |
| 08 91 19 00-0170 | EA | 78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum | 1,867.16 | 130.63 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *160.59* | |
| | | *For Clear Lacquer Finish, Add* | *321.18* | |
| | | *For Baked Enamel Standard Colors, Add* | *481.77* | |
| | | *For Anodized Finish, Add* | *642.36* | |
| | | *For Kynar® Standard Colors Finish, Add* | *883.25* | |
| 08 91 19 00-0171 | EA | 78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum | 2,191.60 | 136.19 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *191.92* | |
| | | *For Clear Lacquer Finish, Add* | *383.84* | |
| | | *For Baked Enamel Standard Colors, Add* | *575.77* | |
| | | *For Anodized Finish, Add* | *767.69* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,055.57* | |
| 08 91 19 00-0172 | EA | 78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum | 2,410.94 | 141.75 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *212.75* | |
| | | *For Clear Lacquer Finish, Add* | *425.49* | |
| | | *For Baked Enamel Standard Colors, Add* | *638.24* | |
| | | *For Anodized Finish, Add* | *850.98* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,170.10* | |
| 08 91 19 00-0173 | EA | 78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum | 2,630.93 | 150.09 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *233.08* | |
| | | *For Clear Lacquer Finish, Add* | *466.15* | |
| | | *For Baked Enamel Standard Colors, Add* | *699.23* | |
| | | *For Anodized Finish, Add* | *932.30* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,281.92* | |
| 08 91 19 00-0174 | EA | 78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum | 2,877.78 | 155.64 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *256.65* | |
| | | *For Clear Lacquer Finish, Add* | *513.30* | |
| | | *For Baked Enamel Standard Colors, Add* | *769.95* | |
| | | *For Anodized Finish, Add* | *1,026.60* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,411.57* | |
| 08 91 19 00-0175 | EA | 78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum | 3,092.86 | 163.98 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *276.49* | |
| | | *For Clear Lacquer Finish, Add* | *552.98* | |
| | | *For Baked Enamel Standard Colors, Add* | *829.47* | |
| | | *For Anodized Finish, Add* | *1,105.96* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,520.69* | |
| 08 91 19 00-0176 | EA | 78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum | 3,434.95 | 177.88 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *307.92* | |
| | | *For Clear Lacquer Finish, Add* | *615.84* | |
| | | *For Baked Enamel Standard Colors, Add* | *923.76* | |
| | | *For Anodized Finish, Add* | *1,231.68* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,693.56* | |
| 08 91 19 00-0177 | EA | 78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum | 3,648.07 | 186.22 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *327.56* | |
| | | *For Clear Lacquer Finish, Add* | *655.13* | |
| | | *For Baked Enamel Standard Colors, Add* | *982.69* | |
| | | *For Anodized Finish, Add* | *1,310.26* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,801.60* | |
| 08 91 19 00-0178 | EA | 78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum | 3,871.01 | 194.56 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *348.19* | |
| | | *For Clear Lacquer Finish, Add* | *696.38* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,044.57* | |
| | | *For Anodized Finish, Add* | *1,392.76* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,915.05* | |
| 08 91 19 00-0179 | EA | 78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum | 4,075.62 | 200.12 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *367.54* | |
| | | *For Clear Lacquer Finish, Add* | *735.08* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,102.62* | |
| | | *For Anodized Finish, Add* | *1,470.16* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,021.46* | |
| 08 91 19 00-0180 | EA | 78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum | 4,280.23 | 205.68 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *386.89* | |
| | | *For Clear Lacquer Finish, Add* | *773.78* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,160.67* | |
| | | *For Anodized Finish, Add* | *1,547.56* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,127.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0181 | EA | 78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 4,603.69 | 211.24 |
| | | *For Flange Frame, Add* | *418.12* | |
| | | *For Clear Lacquer Finish, Add* | *836.25* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,254.37* | |
| | | *For Anodized Finish, Add* | *1,672.49* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,299.68* | |
| 08 91 19 00-0182 | EA | 84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,191.83 | 94.49 |
| | | *For Flange Frame, Add* | *100.28* | |
| | | *For Clear Lacquer Finish, Add* | *200.57* | |
| | | *For Baked Enamel Standard Colors, Add* | *300.85* | |
| | | *For Anodized Finish, Add* | *401.13* | |
| | | *For Kynar® Standard Colors Finish, Add* | *551.56* | |
| 08 91 19 00-0183 | EA | 84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,460.89 | 111.17 |
| | | *For Flange Frame, Add* | *123.86* | |
| | | *For Clear Lacquer Finish, Add* | *247.71* | |
| | | *For Baked Enamel Standard Colors, Add* | *371.57* | |
| | | *For Anodized Finish, Add* | *495.42* | |
| | | *For Kynar® Standard Colors Finish, Add* | *681.20* | |
| 08 91 19 00-0184 | EA | 84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,707.39 | 127.85 |
| | | *For Flange Frame, Add* | *145.17* | |
| | | *For Clear Lacquer Finish, Add* | *290.34* | |
| | | *For Baked Enamel Standard Colors, Add* | *435.51* | |
| | | *For Anodized Finish, Add* | *580.68* | |
| | | *For Kynar® Standard Colors Finish, Add* | *798.43* | |
| 08 91 19 00-0185 | EA | 84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,964.71 | 136.19 |
| | | *For Flange Frame, Add* | *169.23* | |
| | | *For Clear Lacquer Finish, Add* | *338.47* | |
| | | *For Baked Enamel Standard Colors, Add* | *507.70* | |
| | | *For Anodized Finish, Add* | *676.93* | |
| | | *For Kynar® Standard Colors Finish, Add* | *930.78* | |
| 08 91 19 00-0186 | EA | 84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,309.77 | 141.75 |
| | | *For Flange Frame, Add* | *202.63* | |
| | | *For Clear Lacquer Finish, Add* | *405.26* | |
| | | *For Baked Enamel Standard Colors, Add* | *607.88* | |
| | | *For Anodized Finish, Add* | *810.51* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,114.45* | |
| 08 91 19 00-0187 | EA | 84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,541.88 | 147.31 |
| | | *For Flange Frame, Add* | *224.73* | |
| | | *For Clear Lacquer Finish, Add* | *449.45* | |
| | | *For Baked Enamel Standard Colors, Add* | *674.18* | |
| | | *For Anodized Finish, Add* | *898.91* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,236.00* | |
| 08 91 19 00-0188 | EA | 84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,766.79 | 155.64 |
| | | *For Flange Frame, Add* | *245.55* | |
| | | *For Clear Lacquer Finish, Add* | *491.10* | |
| | | *For Baked Enamel Standard Colors, Add* | *736.65* | |
| | | *For Anodized Finish, Add* | *982.20* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,350.53* | |
| 08 91 19 00-0189 | EA | 84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,033.28 | 161.20 |
| | | *For Flange Frame, Add* | *271.09* | |
| | | *For Clear Lacquer Finish, Add* | *542.17* | |
| | | *For Baked Enamel Standard Colors, Add* | *813.26* | |
| | | *For Anodized Finish, Add* | *1,084.35* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,490.98* | |
| 08 91 19 00-0190 | EA | 84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,259.17 | 169.54 |
| | | *For Flange Frame, Add* | *292.01* | |
| | | *For Clear Lacquer Finish, Add* | *584.02* | |
| | | *For Baked Enamel Standard Colors, Add* | *876.02* | |
| | | *For Anodized Finish, Add* | *1,168.03* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,606.04* | |
| 08 91 19 00-0191 | EA | 84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,621.88 | 183.44 |
| | | *For Flange Frame, Add* | *325.50* | |
| | | *For Clear Lacquer Finish, Add* | *651.00* | |
| | | *For Baked Enamel Standard Colors, Add* | *976.50* | |
| | | *For Anodized Finish, Add* | *1,302.00* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,790.26* | |
| 08 91 19 00-0192 | EA | 84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,842.86 | 191.78 |
| | | *For Flange Frame, Add* | *345.93* | |
| | | *For Clear Lacquer Finish, Add* | *691.86* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,037.79* | |
| | | *For Anodized Finish, Add* | *1,383.72* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,902.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0193 | EA | 84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 4,085.44 | 200.12 |
| | | *For Flange Frame, Add* | *368.52* | |
| | | *For Clear Lacquer Finish, Add* | *737.04* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,105.56* | |
| | | *For Anodized Finish, Add* | *1,474.08* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,026.87* | |
| 08 91 19 00-0194 | EA | 84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 4,345.05 | 205.68 |
| | | *For Flange Frame, Add* | *393.37* | |
| | | *For Clear Lacquer Finish, Add* | *786.74* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,180.11* | |
| | | *For Anodized Finish, Add* | *1,573.48* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,163.54* | |
| 08 91 19 00-0195 | EA | 84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 4,579.13 | 211.24 |
| | | *For Flange Frame, Add* | *415.67* | |
| | | *For Clear Lacquer Finish, Add* | *831.33* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,247.00* | |
| | | *For Anodized Finish, Add* | *1,662.67* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,286.17* | |
| 08 91 19 00-0196 | EA | 84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 4,927.14 | 216.78 |
| | | *For Flange Frame, Add* | *449.36* | |
| | | *For Clear Lacquer Finish, Add* | *898.71* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,348.07* | |
| | | *For Anodized Finish, Add* | *1,797.42* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,471.46* | |
| 08 91 19 00-0197 | EA | 90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,264.49 | 102.83 |
| | | *For Flange Frame, Add* | *105.88* | |
| | | *For Clear Lacquer Finish, Add* | *211.76* | |
| | | *For Baked Enamel Standard Colors, Add* | *317.64* | |
| | | *For Anodized Finish, Add* | *423.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *582.35* | |
| 08 91 19 00-0198 | EA | 90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,537.49 | 119.51 |
| | | *For Flange Frame, Add* | *129.85* | |
| | | *For Clear Lacquer Finish, Add* | *259.69* | |
| | | *For Baked Enamel Standard Colors, Add* | *389.54* | |
| | | *For Anodized Finish, Add* | *519.39* | |
| | | *For Kynar® Standard Colors Finish, Add* | *714.16* | |
| 08 91 19 00-0199 | EA | 90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 1,793.81 | 136.19 |
| | | *For Flange Frame, Add* | *152.14* | |
| | | *For Clear Lacquer Finish, Add* | *304.29* | |
| | | *For Baked Enamel Standard Colors, Add* | *456.43* | |
| | | *For Anodized Finish, Add* | *608.57* | |
| | | *For Kynar® Standard Colors Finish, Add* | *836.79* | |
| 08 91 19 00-0200 | EA | 90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,058.97 | 144.53 |
| | | *For Flange Frame, Add* | *176.99* | |
| | | *For Clear Lacquer Finish, Add* | *353.98* | |
| | | *For Baked Enamel Standard Colors, Add* | *530.98* | |
| | | *For Anodized Finish, Add* | *707.97* | |
| | | *For Kynar® Standard Colors Finish, Add* | *973.46* | |
| 08 91 19 00-0201 | EA | 90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,427.62 | 150.09 |
| | | *For Flange Frame, Add* | *212.75* | |
| | | *For Clear Lacquer Finish, Add* | *425.49* | |
| | | *For Baked Enamel Standard Colors, Add* | *638.24* | |
| | | *For Anodized Finish, Add* | *850.98* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,170.10* | |
| 08 91 19 00-0202 | EA | 90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,667.59 | 155.64 |
| | | *For Flange Frame, Add* | *235.63* | |
| | | *For Clear Lacquer Finish, Add* | *471.26* | |
| | | *For Baked Enamel Standard Colors, Add* | *706.89* | |
| | | *For Anodized Finish, Add* | *942.52* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,295.97* | |
| 08 91 19 00-0203 | EA | 90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 2,896.76 | 161.20 |
| | | *For Flange Frame, Add* | *257.44* | |
| | | *For Clear Lacquer Finish, Add* | *514.87* | |
| | | *For Baked Enamel Standard Colors, Add* | *772.31* | |
| | | *For Anodized Finish, Add* | *1,029.74* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,415.89* | |
| 08 91 19 00-0204 | EA | 90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum<br>Note: Includes bird screen. | 3,177.98 | 166.76 |
| | | *For Flange Frame, Add* | *284.45* | |
| | | *For Clear Lacquer Finish, Add* | *568.89* | |
| | | *For Baked Enamel Standard Colors, Add* | *853.34* | |
| | | *For Anodized Finish, Add* | *1,137.78* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,564.45* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0205 | EA | 90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum | 3,415.65 | 175.10 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *306.55* | |
| | | *For Clear Lacquer Finish, Add* | *613.09* | |
| | | *For Baked Enamel Standard Colors, Add* | *919.64* | |
| | | *For Anodized Finish, Add* | *1,226.18* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,686.00* | |
| 08 91 19 00-0206 | EA | 90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum | 3,798.99 | 189.00 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *342.10* | |
| | | *For Clear Lacquer Finish, Add* | *684.20* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,026.30* | |
| | | *For Anodized Finish, Add* | *1,368.40* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,881.55* | |
| 08 91 19 00-0207 | EA | 90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum | 4,029.79 | 197.34 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *363.51* | |
| | | *For Clear Lacquer Finish, Add* | *727.02* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,090.54* | |
| | | *For Anodized Finish, Add* | *1,454.05* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,999.32* | |
| 08 91 19 00-0208 | EA | 90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum | 4,293.98 | 205.68 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *388.26* | |
| | | *For Clear Lacquer Finish, Add* | *776.53* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,164.79* | |
| | | *For Anodized Finish, Add* | *1,553.06* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,135.45* | |
| 08 91 19 00-0209 | EA | 90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum | 4,569.31 | 211.24 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *414.69* | |
| | | *For Clear Lacquer Finish, Add* | *829.37* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,244.06* | |
| | | *For Anodized Finish, Add* | *1,658.74* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,280.77* | |
| 08 91 19 00-0210 | EA | 90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum | 4,803.05 | 219.56 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *436.39* | |
| | | *For Clear Lacquer Finish, Add* | *872.78* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,309.17* | |
| | | *For Anodized Finish, Add* | *1,745.56* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,400.15* | |
| 08 91 19 00-0211 | EA | 90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum | 5,171.70 | 225.12 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *472.14* | |
| | | *For Clear Lacquer Finish, Add* | *944.29* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,416.43* | |
| | | *For Anodized Finish, Add* | *1,888.58* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,596.79* | |
| 08 91 19 00-0212 | EA | 96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum | 1,327.32 | 111.17 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *110.50* | |
| | | *For Clear Lacquer Finish, Add* | *221.00* | |
| | | *For Baked Enamel Standard Colors, Add* | *331.49* | |
| | | *For Anodized Finish, Add* | *441.99* | |
| | | *For Kynar® Standard Colors Finish, Add* | *607.74* | |
| 08 91 19 00-0213 | EA | 96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum | 1,610.15 | 127.85 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *135.45* | |
| | | *For Clear Lacquer Finish, Add* | *270.89* | |
| | | *For Baked Enamel Standard Colors, Add* | *406.34* | |
| | | *For Anodized Finish, Add* | *541.78* | |
| | | *For Kynar® Standard Colors Finish, Add* | *744.95* | |
| 08 91 19 00-0214 | EA | 96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum | 1,879.23 | 144.53 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *159.02* | |
| | | *For Clear Lacquer Finish, Add* | *318.04* | |
| | | *For Baked Enamel Standard Colors, Add* | *477.05* | |
| | | *For Anodized Finish, Add* | *636.07* | |
| | | *For Kynar® Standard Colors Finish, Add* | *874.60* | |
| 08 91 19 00-0215 | EA | 96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum | 2,159.14 | 152.87 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *185.34* | |
| | | *For Clear Lacquer Finish, Add* | *370.68* | |
| | | *For Baked Enamel Standard Colors, Add* | *556.02* | |
| | | *For Anodized Finish, Add* | *741.36* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,019.38* | |
| 08 91 19 00-0216 | EA | 96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum | 2,539.57 | 158.42 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *222.27* | |
| | | *For Clear Lacquer Finish, Add* | *444.54* | |
| | | *For Baked Enamel Standard Colors, Add* | *666.82* | |
| | | *For Anodized Finish, Add* | *889.09* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,222.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0217 | EA | 96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum | 2,819.81 | 163.98 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *249.18* | |
| | | *For Clear Lacquer Finish, Add* | *498.37* | |
| | | *For Baked Enamel Standard Colors, Add* | *747.55* | |
| | | *For Anodized Finish, Add* | *996.74* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,370.51* | |
| 08 91 19 00-0218 | EA | 96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum | 3,063.71 | 169.54 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *272.46* | |
| | | *For Clear Lacquer Finish, Add* | *544.92* | |
| | | *For Baked Enamel Standard Colors, Add* | *817.39* | |
| | | *For Anodized Finish, Add* | *1,089.85* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,498.54* | |
| 08 91 19 00-0219 | EA | 96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum | 3,331.18 | 175.10 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *298.10* | |
| | | *For Clear Lacquer Finish, Add* | *596.20* | |
| | | *For Baked Enamel Standard Colors, Add* | *894.29* | |
| | | *For Anodized Finish, Add* | *1,192.39* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,639.54* | |
| 08 91 19 00-0220 | EA | 96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum | 3,579.00 | 180.66 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *321.77* | |
| | | *For Clear Lacquer Finish, Add* | *643.54* | |
| | | *For Baked Enamel Standard Colors, Add* | *965.31* | |
| | | *For Anodized Finish, Add* | *1,287.08* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,769.73* | |
| 08 91 19 00-0221 | EA | 96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum | 3,990.84 | 194.56 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *360.17* | |
| | | *For Clear Lacquer Finish, Add* | *720.35* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,080.52* | |
| | | *For Anodized Finish, Add* | *1,440.69* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,980.95* | |
| 08 91 19 00-0222 | EA | 96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum | 3,172.64 | 202.90 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *276.69* | |
| | | *For Clear Lacquer Finish, Add* | *553.37* | |
| | | *For Baked Enamel Standard Colors, Add* | *830.06* | |
| | | *For Anodized Finish, Add* | *1,106.74* | |
| | | *For Kynar® Standard Colors Finish, Add* | *1,521.77* | |
| 08 91 19 00-0223 | EA | 96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum | 4,499.57 | 211.24 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *407.71* | |
| | | *For Clear Lacquer Finish, Add* | *815.42* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,223.13* | |
| | | *For Anodized Finish, Add* | *1,630.84* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,242.41* | |
| 08 91 19 00-0224 | EA | 96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum | 4,784.73 | 216.78 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *435.12* | |
| | | *For Clear Lacquer Finish, Add* | *870.23* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,305.35* | |
| | | *For Anodized Finish, Add* | *1,740.46* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,393.13* | |
| 08 91 19 00-0225 | EA | 96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum | 5,030.26 | 225.12 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *458.00* | |
| | | *For Clear Lacquer Finish, Add* | *916.00* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,374.00* | |
| | | *For Anodized Finish, Add* | *1,832.00* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,519.00* | |
| 08 91 19 00-0226 | EA | 96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum | 5,427.04 | 233.46 |
| | | Note: Includes bird screen. | | |
| | | *For Flange Frame, Add* | *496.01* | |
| | | *For Clear Lacquer Finish, Add* | *992.02* | |
| | | *For Baked Enamel Standard Colors, Add* | *1,488.03* | |
| | | *For Anodized Finish, Add* | *1,984.04* | |
| | | *For Kynar® Standard Colors Finish, Add* | *2,728.06* | |

### 08 91 19 00-0227 Gable Louver Vents *(08 91 19)*

Note: 1" deep, residential/light commercial grade louvers.

### 08 91 19 00-0228 Aluminum Gable Louver Vents *(08 91 19 00-0227)*

Note: Includes screen.

### 08 91 19 00-0229 Rectangular Aluminum Gable Louver Vents *(08 91 19 00-0228)*

Note: Includes screen.

| | | | | |
|---|---|---|---|---|
| 08 91 19 00-0230 | EA | 12" x 18" Rectangular Fixed Aluminum Gable Louver Vent | 230.84 | 8.17 |
| 08 91 19 00-0231 | EA | 12" x 24" Rectangular Fixed Aluminum Gable Louver Vent | 252.13 | 9.38 |
| 08 91 19 00-0232 | EA | 18" x 24" Rectangular Fixed Aluminum Gable Louver Vent | 291.10 | 10.59 |
| 08 91 19 00-0233 | EA | 18" x 30" Rectangular Fixed Aluminum Gable Louver Vent | 319.57 | 11.25 |
| 08 91 19 00-0234 | EA | 24" x 30" Rectangular Fixed Aluminum Gable Louver Vent | 365.72 | 11.91 |
| 08 91 19 00-0235 | EA | 24" x 36" Rectangular Fixed Aluminum Gable Louver Vent | 408.20 | 14.29 |
| 08 91 19 00-0236 | EA | 30" x 36" Rectangular Fixed Aluminum Gable Louver Vent | 471.91 | 17.86 |
| 08 91 19 00-0237 | EA | 30" x 42" Rectangular Fixed Aluminum Gable Louver Vent | 525.02 | 20.85 |
| 08 91 19 00-0238 | EA | 36" x 42" Rectangular Fixed Aluminum Gable Louver Vent | 599.35 | 25.01 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0239 | EA | 42" x 48" Rectangular Fixed Aluminum Gable Louver Vent | 748.02 | 33.35 |
| **08 91 19 00-0240** | | **Square Aluminum Gable Louver Vents** *(08 91 19 00-0228)* | | |
| | | Note: Includes screen. | | |
| 08 91 19 00-0241 | EA | 12" x 12" Square Fixed Aluminum Gable Louver Vent | 211.24 | 7.52 |
| 08 91 19 00-0242 | EA | 18" x 18" Square Fixed Aluminum Gable Louver Vent | 261.41 | 9.53 |
| 08 91 19 00-0243 | EA | 24" x 24" Square Fixed Aluminum Gable Louver Vent | 328.39 | 11.24 |
| 08 91 19 00-0244 | EA | 30" x 30" Square Fixed Aluminum Gable Louver Vent | 418.82 | 14.89 |
| 08 91 19 00-0245 | EA | 36" x 36" Square Fixed Aluminum Gable Louver Vent | 535.63 | 21.44 |
| 08 91 19 00-0246 | EA | 42" x 42" Square Fixed Aluminum Gable Louver Vent | 673.62 | 29.17 |
| 08 91 19 00-0247 | EA | 48" x 48" Square Fixed Aluminum Gable Louver Vent | 832.98 | 38.11 |
| **08 91 19 00-0248** | | **Round Aluminum Gable Louver Vents** *(08 91 19 00-0228)* | | |
| | | Note: Includes screen. | | |
| 08 91 19 00-0249 | EA | 12" Diameter Round Fixed Aluminum Gable Louver Vent | 211.24 | 7.52 |
| 08 91 19 00-0250 | EA | 18" Diameter Round Fixed Aluminum Gable Louver Vent | 261.41 | 9.53 |
| 08 91 19 00-0251 | EA | 24" Diameter Round Fixed Aluminum Gable Louver Vent | 328.39 | 11.24 |
| 08 91 19 00-0252 | EA | 30" Diameter Round Fixed Aluminum Gable Louver Vent | 418.82 | 14.89 |
| 08 91 19 00-0253 | EA | 36" Diameter Round Fixed Aluminum Gable Louver Vent | 535.63 | 21.44 |
| 08 91 19 00-0254 | EA | 42" Diameter Round Fixed Aluminum Gable Louver Vent | 673.69 | 29.18 |
| **08 91 19 00-0255** | | **Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0228)* | | |
| | | Note: Includes screen. | | |
| 08 91 19 00-0256 | EA | 12" x 12" Octagonal Fixed Aluminum Gable Louver Vent | 211.24 | 7.52 |
| 08 91 19 00-0257 | EA | 12" x 18" Octagonal Fixed Aluminum Gable Louver Vent | 230.84 | 8.17 |
| 08 91 19 00-0258 | EA | 12" x 24" Octagonal Fixed Aluminum Gable Louver Vent | 252.13 | 9.38 |
| 08 91 19 00-0259 | EA | 18" x 18" Octagonal Fixed Aluminum Gable Louver Vent | 261.41 | 9.53 |
| 08 91 19 00-0260 | EA | 18" x 24" Octagonal Fixed Aluminum Gable Louver Vent | 291.10 | 10.59 |
| 08 91 19 00-0261 | EA | 18" x 30" Octagonal Fixed Aluminum Gable Louver Vent | 319.57 | 11.25 |
| 08 91 19 00-0262 | EA | 24" x 24" Octagonal Fixed Aluminum Gable Louver Vent | 328.39 | 11.24 |
| 08 91 19 00-0263 | EA | 24" x 30" Octagonal Fixed Aluminum Gable Louver Vent | 365.72 | 11.91 |
| 08 91 19 00-0264 | EA | 24" x 36" Octagonal Fixed Aluminum Gable Louver Vent | 408.20 | 14.29 |
| 08 91 19 00-0265 | EA | 30" x 30" Octagonal Fixed Aluminum Gable Louver Vent | 418.82 | 14.89 |
| 08 91 19 00-0266 | EA | 30" x 36" Octagonal Fixed Aluminum Gable Louver Vent | 471.91 | 17.86 |
| 08 91 19 00-0267 | EA | 30" x 42" Octagonal Fixed Aluminum Gable Louver Vent | 525.02 | 20.85 |
| 08 91 19 00-0268 | EA | 36" x 36" Octagonal Fixed Aluminum Gable Louver Vent | 535.63 | 21.44 |
| 08 91 19 00-0269 | EA | 36" x 42" Octagonal Fixed Aluminum Gable Louver Vent | 599.35 | 25.01 |
| 08 91 19 00-0270 | EA | 36" x 48" Octagonal Fixed Aluminum Gable Louver Vent | 663.07 | 28.59 |
| 08 91 19 00-0271 | EA | 42" x 42" Octagonal Fixed Aluminum Gable Louver Vent | 673.69 | 29.18 |
| 08 91 19 00-0272 | EA | 42" x 48" Octagonal Fixed Aluminum Gable Louver Vent | 748.02 | 33.35 |
| 08 91 19 00-0273 | EA | 48" x 48" Octagonal Fixed Aluminum Gable Louver Vent | 832.98 | 38.11 |
| **08 91 19 00-0274** | | **Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0228)* | | |
| | | Note: Includes screen. | | |
| 08 91 19 00-0275 | EA | 12" x 12" Round Top Fixed Aluminum Gable Louver Vent | 211.24 | 7.52 |
| 08 91 19 00-0276 | EA | 12" x 18" Round Top Fixed Aluminum Gable Louver Vent | 230.84 | 8.17 |
| 08 91 19 00-0277 | EA | 12" x 24" Round Top Fixed Aluminum Gable Louver Vent | 252.13 | 9.38 |
| 08 91 19 00-0278 | EA | 18" x 18" Round Top Fixed Aluminum Gable Louver Vent | 261.41 | 9.53 |
| 08 91 19 00-0279 | EA | 18" x 24" Round Top Fixed Aluminum Gable Louver Vent | 291.10 | 10.59 |
| 08 91 19 00-0280 | EA | 18" x 30" Round Top Fixed Aluminum Gable Louver Vent | 319.57 | 11.25 |
| 08 91 19 00-0281 | EA | 24" x 24" Round Top Fixed Aluminum Gable Louver Vent | 328.39 | 11.24 |
| 08 91 19 00-0282 | EA | 24" x 30" Round Top Fixed Aluminum Gable Louver Vent | 365.72 | 11.91 |
| 08 91 19 00-0283 | EA | 24" x 36" Round Top Fixed Aluminum Gable Louver Vent | 408.20 | 14.29 |
| 08 91 19 00-0284 | EA | 30" x 30" Round Top Fixed Aluminum Gable Louver Vent | 418.82 | 14.89 |
| 08 91 19 00-0285 | EA | 30" x 36" Round Top Fixed Aluminum Gable Louver Vent | 471.91 | 17.86 |
| 08 91 19 00-0286 | EA | 30" x 42" Round Top Fixed Aluminum Gable Louver Vent | 525.02 | 20.85 |
| 08 91 19 00-0287 | EA | 36" x 36" Round Top Fixed Aluminum Gable Louver Vent | 535.63 | 21.44 |
| 08 91 19 00-0288 | EA | 36" x 42" Round Top Fixed Aluminum Gable Louver Vent | 599.35 | 25.01 |
| 08 91 19 00-0289 | EA | 36" x 48" Round Top Fixed Aluminum Gable Louver Vent | 663.07 | 28.59 |
| 08 91 19 00-0290 | EA | 42" x 42" Round Top Fixed Aluminum Gable Louver Vent | 673.69 | 29.18 |
| 08 91 19 00-0291 | EA | 42" x 48" Round Top Fixed Aluminum Gable Louver Vent | 748.02 | 33.35 |
| 08 91 19 00-0292 | EA | 48" x 48" Round Top Fixed Aluminum Gable Louver Vent | 832.98 | 38.11 |
| **08 91 19 00-0293** | | **Triangle Aluminum Gable Louver Vents** *(08 91 19 00-0228)* | | |
| | | Note: Includes screen. | | |
| 08 91 19 00-0294 | EA | 36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent | 446.42 | 9.38 |
| 08 91 19 00-0295 | EA | 36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent | 505.02 | 11.24 |
| 08 91 19 00-0296 | EA | 48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent | 542.35 | 11.91 |
| 08 91 19 00-0297 | EA | 48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent | 620.15 | 14.29 |
| 08 91 19 00-0298 | EA | 48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent | 692.59 | 14.89 |
| 08 91 19 00-0299 | EA | 60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent | 560.23 | 17.86 |
| 08 91 19 00-0300 | EA | 60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent | 657.49 | 20.85 |
| 08 91 19 00-0301 | EA | 60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent | 747.59 | 21.44 |
| 08 91 19 00-0302 | EA | 60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent | 846.63 | 25.01 |
| 08 91 19 00-0303 | EA | 72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent | 663.07 | 28.59 |
| 08 91 19 00-0304 | EA | 72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent | 770.84 | 29.18 |
| 08 91 19 00-0305 | EA | 72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent | 889.32 | 33.35 |
| 08 91 19 00-0306 | EA | 72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent | 1,009.61 | 38.11 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 08 91 19 00-0307 | EA | 72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent | 1,132.64 | 43.80 |
| 08 91 19 00-0308 | | Vinyl Gable Louver Vents *(08 91 19 00-0227)* | | |
| | | Note: Includes screen. | | |
| 08 91 19 00-0309 | EA | 12" x 12" Square Fixed Vinyl Gable Louver Vent | 63.35 | 7.52 |
| 08 91 19 00-0310 | EA | 12" x 18" Rectangular Fixed Vinyl Gable Louver Vent | 77.56 | 8.17 |
| 08 91 19 00-0311 | EA | 18" x 24" Rectangular Fixed Vinyl Gable Louver Vent | 106.42 | 10.59 |
| 08 91 19 00-0312 | EA | 24" x 30" Rectangular Fixed Vinyl Gable Louver Vent | 148.53 | 11.91 |
| 08 91 19 00-0313 | EA | 18" Diameter Round Fixed Vinyl Gable Louver Vent | 103.80 | 9.53 |
| 08 91 19 00-0314 | EA | 22" Diameter Round Fixed Vinyl Gable Louver Vent | 119.69 | 11.24 |
| 08 91 19 00-0315 | EA | 30" Diameter Round Fixed Vinyl Gable Louver Vent | 169.82 | 14.89 |
| 08 91 19 00-0316 | EA | 36" Diameter Round Fixed Vinyl Gable Louver Vent | 248.53 | 21.44 |
| 08 91 19 00-0317 | EA | 18" x 18" Octagonal Fixed Vinyl Gable Louver Vent | 103.80 | 9.53 |
| 08 91 19 00-0318 | EA | 22" x 22" Octagonal Fixed Vinyl Gable Louver Vent | 117.72 | 10.59 |
| 08 91 19 00-0319 | EA | 27" x 27" Octagonal Fixed Vinyl Gable Louver Vent | 153.75 | 11.91 |
| 08 91 19 00-0320 | EA | 32" x 32" Octagonal Fixed Vinyl Gable Louver Vent | 217.32 | 17.86 |
| 08 91 19 00-0321 | EA | 40" x 40" Octagonal Fixed Vinyl Gable Louver Vent | 531.33 | 28.59 |
| 08 91 19 00-0322 | EA | 14" x 22" Round Top Fixed Vinyl Gable Louver Vent | 101.69 | 9.38 |
| 08 91 19 00-0323 | EA | 22" x 32" Round Top Fixed Vinyl Gable Louver Vent | 142.95 | 11.91 |
| 08 91 19 00-0324 | EA | 34" x 22" Half Round Fixed Vinyl Gable Louver Vent | 146.03 | 14.29 |
| 08 91 19 00-0325 | EA | 52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent | 351.08 | 17.86 |
| 08 91 19 00-0326 | EA | 56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent | 351.08 | 17.86 |
| 08 91 19 00-0327 | EA | 56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent | 351.08 | 17.86 |
| 08 91 19 00-0328 | EA | 62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent | 351.08 | 17.86 |
| 08 91 19 00-0329 | EA | 62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent | 351.08 | 17.86 |
| 08 91 19 00-0330 | EA | 70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent | 383.27 | 28.59 |
| 08 91 19 00-0331 | EA | 70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent | 383.27 | 28.59 |
| 08 91 19 00-0332 | EA | 72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent | 383.27 | 28.59 |
| 08 91 19 00-0333 | EA | 74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent | 383.27 | 28.59 |

## 08 95 Vents *(08 90)*

### 08 95 13 Soffit Vents *(08 95)*

#### 08 95 13 00-0001 Aluminum Soffit Vents *(08 95 13)*

| | | | | |
|---|---|---|---|---|
| 08 95 13 00-0002 | LF | 2-1/2" Wide Aluminum Soffit Vent | 6.74 | 2.56 |
| 08 95 13 00-0003 | LF | 3" Wide Aluminum Soffit Vent | 12.36 | 5.01 |
| 08 95 13 00-0004 | EA | 4" x 16" Under Eave Vent, Mill Finish | 19.43 | 6.67 |
| 08 95 13 00-0005 | EA | 8" x 16" Under Eave Vent, Mill Finish | 20.02 | 6.67 |

#### 08 95 13 00-0006 Vinyl Soffit Vents *(08 95 13)*

| | | | | |
|---|---|---|---|---|
| 08 95 13 00-0007 | LF | Up To 2" Vinyl Soffit Vent, Perforated, White | 4.86 | 1.92 |
| | | *For Colors, Add* | *0.10* | |
| 08 95 13 00-0008 | LF | 3" To 4" Vinyl Soffit Vent, Perforated, White | 4.61 | 1.92 |
| | | *For Colors, Add* | *0.08* | |

### 08 95 16 Wall Vents *(08 95)*

#### 08 95 16 00-0001 Foundation Vents *(08 95 16)*

| | | | | |
|---|---|---|---|---|
| 08 95 16 00-0002 | SI | Galvanized Steel Foundation Vent | 0.43 | 0.15 |
| 08 95 16 00-0003 | SI | Aluminum Foundation Vent | 0.65 | 0.15 |
| 08 95 16 00-0004 | SI | Stainless Steel Foundation Vent | 0.81 | 0.15 |
| 08 95 16 00-0005 | SI | Plastic Foundation Vent | 0.47 | 0.15 |

**END OF SECTION 08**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 09 Finishes

## 09 01 Maintenance of Finishes *(09)*

### 09 01 20 Maintenance of Plaster and Gypsum Board *(09 01)*

#### 09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.

| | | | |
|---|---|---|---|
| 09 01 20 91-0002 | SF | Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing<br>Note: Per location. | 16.65 |
| 09 01 20 91-0003 | SF | >2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing<br>Note: Per location. | 13.46 |
| 09 01 20 91-0004 | SF | >4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing<br>Note: Per location. | 12.09 |
| 09 01 20 91-0005 | SF | >8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing<br>Note: Per location. | 10.67 |
| 09 01 20 91-0006 | SF | >16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing<br>Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF. | 9.56 |

09 01 20 91-0007 Patch/Finish Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and inistalled.

| | | | |
|---|---|---|---|
| 09 01 20 91-0008 | EA | Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops | 1.13 |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.54* |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.27* |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.11* |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.84* |

09 01 20 91-0009 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0010 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

| | | | |
|---|---|---|---|
| 09 01 20 91-0011 | LF | Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco | 16.20 |
| 09 01 20 91-0012 | LF | >10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco | 13.00 |
| 09 01 20 91-0013 | LF | >50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco | 10.61 |
| 09 01 20 91-0014 | LF | >100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco | 8.21 |
| 09 01 20 91-0015 | LF | >250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco | 6.62 |
| 09 01 20 91-0016 | LF | >500', Chip, Clean And Repair Crack In Plaster/Stucco | 5.01 |

09 01 20 91-0017 Cut And Patch Hole In Plaster/Stucco To Match Existing *(09 01 20 91-0009)*
Note: Includes plaster weld.

| | | | |
|---|---|---|---|
| 09 01 20 91-0018 | SF | Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing | 15.63 |
| 09 01 20 91-0019 | SF | >10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing | 13.86 |
| 09 01 20 91-0020 | SF | >50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing | 12.78 |
| 09 01 20 91-0021 | SF | >100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing | 11.89 |
| 09 01 20 91-0022 | SF | >250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing | 11.11 |
| 09 01 20 91-0023 | SF | >500 SF, Cut And Patch Hole In Plaster To Match Existing | 10.25 |

09 01 20 91-0024 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

| | | | |
|---|---|---|---|
| 09 01 20 91-0025 | SF | Up To 10 SF, Chip, Clean And Repair Plaster/Stucco | 29.32 |
| 09 01 20 91-0026 | SF | >10 To 50 SF, Chip, Clean And Repair Plaster/Stucco | 21.33 |
| 09 01 20 91-0027 | SF | >50 To 250 SF, Chip, Clean And Repair Plaster/Stucco | 15.74 |
| 09 01 20 91-0028 | SF | >250 SF, Chip, Clean And Repair Plaster/Stucco | 12.55 |

### 09 01 30 Maintenance of Tiling *(09 01)*

#### 09 01 30 91 Tile Restoration *(09 01 30)*

| | | | |
|---|---|---|---|
| 09 01 30 91-0001 | SF | Regrout Floor Tile Including Removal Of Loose Grout | 5.91 |
| 09 01 30 91-0002 | SF | Regrout Wall Tile Including Removal Of Loose Grout | 7.36 |
| 09 01 30 91-0003 | SF | Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing<br>Note: Per location. | 41.35 |

### 09 01 60 Maintenance of Flooring *(09 01)*

#### 09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

| | | | |
|---|---|---|---|
| 09 01 60 91-0002 | CSF | Grinding, Polishing And Sealing Existing Terrazzo | 255.97 |
| 09 01 60 91-0003 | SF | Removal Of Setting Bed And Clean Area For Terrazzo Repair | 3.84 |
| 09 01 60 91-0004 | SF | Repair Existing Terrazzo | 18.74 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 01 60 91-0005 | LF | Repair Cracks In Existing Terrazzo | 4.05 | |
| **09 01 60 91-0006** | | **Standard Flooring Maintenance** *(09 01 60 91)* | | |
| 09 01 60 91-0007 | CSF | Steam Clean Carpet | 36.70 | |
| 09 01 60 91-0008 | CSF | Wax And Polish Tile And VCT Flooring | 41.01 | |
| | | *For Additional Coat, Add* | *34.53* | |
| | | *For Stripping Existing Wax From Floor, Add* | *38.64* | |
| 09 01 60 91-0009 | CSF | Wax And Polish Wood Flooring | 25.95 | |
| | | *For Additional Coat, Add* | *23.07* | |
| | | *For Stripping Existing Wax From Floor, Add* | *38.64* | |
| 09 01 60 91-0010 | MSF | Vacuum Floors | 20.08 | |
| **09 01 60 91-0011** | | **Prepare Existing Concrete Floor Prior To Installation Of Flooring** *(09 01 60 91)* | | |
| 09 01 60 91-0012 | SY | Grinding Of Existing Concrete Floor Prior To Installation Of Flooring | 7.68 | |
| 09 01 60 91-0013 | SY | Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring | 6.36 | |
| **09 01 60 91-0014** | | **Floor Sealants** *(09 01 60 91)* | | |
| 09 01 60 91-0015 | SF | Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat<br>Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile. | 1.03 | |
| 09 01 60 91-0016 | SF | Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat<br>Note: For interior/exterior concrete surfaces. | 1.16 | |
| 09 01 60 91-0017 | SF | Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant | 1.23 | |
| 09 01 60 91-0018 | GAL | Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner) | 37.93 | |

## 09 01 80 Maintenance of Acoustic Treatment *(09 01)*

### 09 01 80 00-0001 Removal Of Acoustical Ceiling Treatment *(09 01 80)*

| | | | | |
|---|---|---|---|---|
| 09 01 80 00-0002 | SF | Removal Of Acoustical And Popcorn Ceilings Treatment | 2.04 | |

## 09 01 90 Maintenance of Painting and Coating *(09 01)*

### 09 01 90 52 Maintenance Repainting *(09 01 90)*

**09 01 90 52-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces** *(09 01 90 52)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

**09 01 90 52-0002 Concrete And Masonry Surfaces, Surface Preparation** *(09 01 90 52-0001)*

| | | | | |
|---|---|---|---|---|
| 09 01 90 52-0003 | SF | Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation | 0.35 | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.05* | |
| | | *For >30,000, Deduct* | *-0.07* | |
| 09 01 90 52-0004 | SF | Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation | 0.38 | |
| | | *For Up To 100, Add* | *0.58* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.05* | |
| | | *For >30,000, Deduct* | *-0.07* | |
| 09 01 90 52-0005 | SF | Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation | 0.59 | |
| | | *For Up To 100, Add* | *0.88* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.05* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.08* | |
| | | *For >30,000, Deduct* | *-0.11* | |
| 09 01 90 52-0006 | SF | Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation | 0.44 | |
| | | *For Up To 100, Add* | *0.88* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.04* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.07* | |
| | | *For >30,000, Deduct* | *-0.09* | |
| 09 01 90 52-0007 | SF | Steam Clean, Concrete And Masonry Surfaces, Surface Preparation | 0.67 | |
| | | *For Up To 100, Add* | *1.08* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.06* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.10* | |
| | | *For >30,000, Deduct* | *-0.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 01 90 52-0008 | SF | Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation | 0.45 | |
| | | *For Up To 100, Add* | *0.66* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.04* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.06* | |
| | | *For >30,000, Deduct* | *-0.08* | |
| 09 01 90 52-0009 | SF | 10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation | 1.21 | |
| | | *For Up To 100, Add* | *2.06* | |
| | | *For >100 To 250, Add* | *0.52* | |
| | | *For >250 To 500, Add* | *0.26* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.11* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.18* | |
| | | *For >30,000, Deduct* | *-0.23* | |
| 09 01 90 52-0010 | SF | 30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation | 1.98 | |
| | | *For Up To 100, Add* | *3.60* | |
| | | *For >100 To 250, Add* | *0.90* | |
| | | *For >250 To 500, Add* | *0.45* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.19* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.29* | |
| | | *For >30,000, Deduct* | *-0.39* | |
| 09 01 90 52-0011 | SF | Sand Blasting, Concrete And Masonry Surfaces, Surface Preparation<br>Note: 3 lbs of sand per SF | 3.25 | |
| | | *For 4.5 lbs Of Sand per SF, Where Multiple Pass Is Required, Add* | *1.89* | |
| | | *For 6 lbs Of Sand per SF, Where Multiple Pass Is Required, Add* | *3.90* | |
| | | *For 9 lbs Of Sand per SF, Where Multiple Pass Is Required, Add* | *6.50* | |
| | | *For Up To 100, Add* | *5.22* | |
| | | *For >100 To 250, Add* | *1.31* | |
| | | *For >250 To 500, Add* | *0.65* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.30* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.47* | |
| | | *For >30,000, Deduct* | *-0.62* | |

## 09 01 90 52-0012 Drywall Surfaces, Surface Preparation *(09 01 90 52-0001)*

See CSI section 09 01 20 91-0007 for Patch holes other than nail/screw holes and greater than 1/2" diameter.

| | | | | |
|---|---|---|---|---|
| 09 01 90 52-0013 | SF | Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation | 0.27 | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.07* | |
| 09 01 90 52-0014 | SF | Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation | 0.45 | |
| | | *For Up To 100, Add* | *0.90* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.11* | |
| 09 01 90 52-0015 | SF | Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation | 0.85 | |
| | | *For Up To 100, Add* | *1.58* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.20* | |

## 09 01 90 52-0016 Metal Surfaces, Surface Preparation *(09 01 90 52-0001)*

| | | | | |
|---|---|---|---|---|
| 09 01 90 52-0017 | SF | Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation | 0.34 | |
| | | *For Up To 100, Add* | *0.24* | |
| | | *For >100 To 250, Add* | *0.11* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.05* | |
| | | *For >30,000, Deduct* | *-0.07* | |
| 09 01 90 52-0018 | SF | Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation | 0.59 | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.05* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.08* | |
| | | *For >30,000, Deduct* | *-0.11* | |
| 09 01 90 52-0019 | SF | Hand Scraping And Sanding, Metal Surfaces, Surface Preparation | 0.44 | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.04* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.07* | |
| | | *For >30,000, Deduct* | *-0.09* | |
| 09 01 90 52-0020 | SF | Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation | 0.42 | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.04* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.06* | |
| | | *For >30,000, Deduct* | *-0.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 01 90 52-0021 | SF | Power Tool Cleaning, Metal Surfaces, Surface Preparation | 1.04 | |
| | | *For Up To 100, Add* | *0.78* | |
| | | *For >100 To 250, Add* | *0.36* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.10* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.16* | |
| | | *For >30,000, Deduct* | *-0.21* | |
| 09 01 90 52-0022 | SF | Steam Cleaning, Metal Surfaces, Surface Preparation | 0.42 | |
| | | *For Up To 100, Add* | *0.22* | |
| | | *For >100 To 250, Add* | *0.10* | |
| | | *For >250 To 500, Add* | *0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.04* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.06* | |
| | | *For >30,000, Deduct* | *-0.08* | |
| 09 01 90 52-0023 | SF | Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation | 0.92 | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.08* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.13* | |
| | | *For >30,000, Deduct* | *-0.18* | |
| 09 01 90 52-0024 | SF | Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation | 1.26 | |
| | | *For Up To 100, Add* | *0.74* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.12* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.18* | |
| | | *For >30,000, Deduct* | *-0.24* | |
| 09 01 90 52-0025 | SF | Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation | 1.83 | |
| | | *For Up To 100, Add* | *1.10* | |
| | | *For >100 To 250, Add* | *0.51* | |
| | | *For >250 To 500, Add* | *0.22* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.17* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.26* | |
| | | *For >30,000, Deduct* | *-0.35* | |
| 09 01 90 52-0026 | SF | Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation | 3.07 | |
| | | *For Up To 100, Add* | *1.85* | |
| | | *For >100 To 250, Add* | *0.86* | |
| | | *For >250 To 500, Add* | *0.37* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.28* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.44* | |
| | | *For >30,000, Deduct* | *-0.58* | |
| 09 01 90 52-0027 | SF | Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation | 2.35 | |
| | | *For Up To 100, Add* | *1.39* | |
| | | *For >100 To 250, Add* | *0.65* | |
| | | *For >250 To 500, Add* | *0.28* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.22* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.34* | |
| | | *For >30,000, Deduct* | *-0.45* | |
| 09 01 90 52-0028 | SF | Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation | 2.91 | |
| | | *For Up To 100, Add* | *1.71* | |
| | | *For >100 To 250, Add* | *0.80* | |
| | | *For >250 To 500, Add* | *0.34* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.27* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.42* | |
| | | *For >30,000, Deduct* | *-0.55* | |
| 09 01 90 52-0029 | SF | Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation | 3.77 | |
| | | *For Up To 100, Add* | *2.22* | |
| | | *For >100 To 250, Add* | *1.04* | |
| | | *For >250 To 500, Add* | *0.44* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.34* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.54* | |
| | | *For >30,000, Deduct* | *-0.71* | |
| 09 01 90 52-0030 | SF | Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation | 4.70 | |
| | | *For Up To 100, Add* | *2.77* | |
| | | *For >100 To 250, Add* | *1.29* | |
| | | *For >250 To 500, Add* | *0.55* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.21* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.43* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.67* | |
| | | *For >30,000, Deduct* | *-0.89* | |

09 01 90 52-0031 Tile Surfaces, Surface Preparation *(09 01 90 52-0001)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 01 90 52-0032 | SF | Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation | 0.31 | |
| | | *For Up To 100, Add* | *0.22* | |
| | | *For >100 To 250, Add* | *0.10* | |
| | | *For >250 To 500, Add* | *0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.05* | |
| | | *For >30,000, Deduct* | *-0.06* | |
| 09 01 90 52-0033 | CSF | Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation | 29.67 | |
| | | *For Up To 100, Add* | *22.02* | |
| | | *For >100 To 250, Add* | *10.28* | |
| | | *For >250 To 500, Add* | *4.40* | |
| | | *For >5,000 To 10,000, Deduct* | *-1.48* | |
| | | *For >10,000 To 15,000, Deduct* | *-2.95* | |
| | | *For >15,000 To 30,000, Deduct* | *-4.44* | |
| | | *For >30,000, Deduct* | *-5.92* | |
| 09 01 90 52-0034 | SF | Up To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation | 0.30 | |
| | | *For Up To 100, Add* | *0.18* | |
| | | *For >100 To 250, Add* | *0.08* | |
| | | *For >250 To 500, Add* | *0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.04* | |
| | | *For >30,000, Deduct* | *-0.06* | |

## 09 01 90 52-0035 Wood Surfaces, Surface Preparation *(09 01 90 52-0001)*

| | | | | |
|---|---|---|---|---|
| 09 01 90 52-0036 | SF | Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening | 1.15 | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.11* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.17* | |
| | | *For >30,000, Deduct* | *-0.23* | |
| 09 01 90 52-0037 | SF | Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation | 0.32 | |
| | | *For Up To 100, Add* | *0.23* | |
| | | *For >100 To 250, Add* | *0.11* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.05* | |
| | | *For >30,000, Deduct* | *-0.06* | |
| 09 01 90 52-0038 | SF | Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation | 0.50 | |
| | | *For Up To 100, Add* | *0.26* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.04* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.07* | |
| | | *For >30,000, Deduct* | *-0.09* | |
| 09 01 90 52-0039 | SF | Hand Scrape Wood Surfaces, Surface Preparation | 0.66 | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.07* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.10* | |
| | | *For >30,000, Deduct* | *-0.13* | |
| 09 01 90 52-0040 | SF | Steam Clean Wood Surfaces, Surface Preparation | 0.64 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.06* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.09* | |
| | | *For >30,000, Deduct* | *-0.12* | |
| 09 01 90 52-0041 | SF | Up To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation | 0.45 | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.04* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.06* | |
| | | *For >30,000, Deduct* | *-0.09* | |
| 09 01 90 52-0042 | SF | Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation | 0.64 | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.06* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.09* | |
| | | *For >30,000, Deduct* | *-0.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 01 90 52-0043 | SF | Sanding Wood Trim Surfaces, Surface Preparation | 0.86 | |
| | | *For Up To 100, Add* | *0.59* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.08* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.13* | |
| | | *For >30,000, Deduct* | *-0.17* | |
| 09 01 90 52-0044 | SF | Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation | 0.59 | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.05* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.08* | |
| | | *For >30,000, Deduct* | *-0.11* | |
| 09 01 90 52-0045 | SF | Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation | 0.67 | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.06* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.10* | |
| | | *For >30,000, Deduct* | *-0.13* | |

## 09 01 90 52-0046 Vinyl Siding Surfaces, Surface Preparation *(09 01 90 52-0001)*

| | | | | |
|---|---|---|---|---|
| 09 01 90 52-0047 | SF | Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation | 0.31 | |
| | | *For Up To 100, Add* | *0.22* | |
| | | *For >100 To 250, Add* | *0.10* | |
| | | *For >250 To 500, Add* | *0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.05* | |
| | | *For >30,000, Deduct* | *-0.06* | |
| 09 01 90 52-0048 | SF | Hand Wash,Vinyl Siding Surfaces, Surface Preparation | 0.48 | |
| | | *For Up To 100, Add* | *0.34* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.05* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.07* | |
| | | *For >30,000, Deduct* | *-0.09* | |
| 09 01 90 52-0049 | SF | Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation | 0.37 | |
| | | *For Up To 100, Add* | *0.20* | |
| | | *For >100 To 250, Add* | *0.09* | |
| | | *For >250 To 500, Add* | *0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.05* | |
| | | *For >30,000, Deduct* | *-0.07* | |
| 09 01 90 52-0050 | SF | Steam Clean, Vinyl Siding Surfaces, Surface Preparation | 0.69 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.03* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.06* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.10* | |
| | | *For >30,000, Deduct* | *-0.13* | |

## 09 01 90 52-0051 Plaster/Stucco Surfaces, Surface Preparation *(09 01 90 52-0001)*

Note: Based on total project quantity.

| | | | | |
|---|---|---|---|---|
| 09 01 90 52-0052 | SF | Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation | 0.35 | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.03* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.05* | |
| | | *For >30,000, Deduct* | *-0.07* | |
| 09 01 90 52-0053 | SF | Up To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation | 0.50 | |
| | | *For Up To 100, Add* | *0.29* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 15,000, Deduct* | *-0.05* | |
| | | *For >15,000 To 30,000, Deduct* | *-0.07* | |
| | | *For >30,000, Deduct* | *-0.09* | |

## 09 01 90 52-0054 Prep Work *(09 01 90 52-0001)*

| | | | | |
|---|---|---|---|---|
| 09 01 90 52-0055 | SF | Citrus Strip, Single Applications | 0.88 | |

Note: For removal of dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple coats may be necessary, refer to manufacturer recommendations

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 01 90 52-0056 | | Corrosive Inhibitor Sealant For Concrete *(09 01 90 52-0001)* | | |
| 09 01 90 52-0057 | SF | Corrosive Inhibitor Sealant For Concrete | 0.63 | |
| | | *For Up To 100, Add* | *0.29* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.06* | |

**09 01 90 61 Repainting** *(09 01 90)*

09 01 90 61-0001 Touchup and "Spot" Painting Of Surfaces *(09 01 90 61)*
Note: For use on individual areas less than 10 SF.

| | | | | |
|---|---|---|---|---|
| 09 01 90 61-0002 | SF | "Spot" Paint Drywall, Plaster, Wood And Concrete Surfaces, Per Coat | 1.06 | |

**09 01 90 91 Paint Restoration** *(09 01 90)*

09 01 90 91-0001 Paint Removal, Strip To Bare Wood *(09 01 90 91)*

| | | | | |
|---|---|---|---|---|
| 09 01 90 91-0002 | SF | Flat Surfaces, Paint Removal, Strip To Bare Wood | 5.39 | |
| 09 01 90 91-0003 | SF | Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood | 5.74 | |

## 09 20 Plaster and Gypsum Board *(09)*

### 09 22 Supports for Plaster and Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

**09 22 13 Metal Furring** *(09 22)*

**09 22 13 13 Metal Channel Furring** *(09 22 13)*

09 22 13 13-0001 Hat Furring Channel *(09 22 13 13)*
Note: Includes clips where required.

09 22 13 13-0002 Installed On Walls, Hat Furring Channel *(09 22 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 22 13 13-0003 | SF | 7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel | 3.73 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.47* | |
| | | *For 12" On Center, Add* | *0.61* | |
| | | *For 22 Gauge, Add* | *0.69* | |
| | | *For 20 Gauge, Add* | *1.05* | |
| 09 22 13 13-0004 | SF | 1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel | 4.12 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.55* | |
| | | *For 12" On Center, Add* | *0.69* | |
| | | *For 22 Gauge, Add* | *0.88* | |
| | | *For 20 Gauge, Add* | *1.31* | |

09 22 13 13-0005 Installed On Columns And Beams, Hat Furring Channel *(09 22 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 22 13 13-0006 | SF | 7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel | 5.23 | 2.13 |
| | | *For Columns And Beams >10' High, Add* | *0.85* | |
| | | *For 24" On Center, Deduct* | *-0.62* | |
| | | *For 12" On Center, Add* | *0.83* | |
| | | *For 22 Gauge, Add* | *0.80* | |
| | | *For 20 Gauge, Add* | *1.28* | |
| 09 22 13 13-0007 | SF | 1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel | 5.61 | 2.13 |
| | | *For Columns And Beams >10' High, Add* | *0.85* | |
| | | *For 24" On Center, Deduct* | *-0.70* | |
| | | *For 12" On Center, Add* | *0.91* | |
| | | *For 22 Gauge, Add* | *0.99* | |
| | | *For 20 Gauge, Add* | *1.53* | |

09 22 13 13-0008 Installed On Ceilings, Hat Furring Channel *(09 22 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 22 13 13-0009 | SF | 7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel | 5.00 | 1.70 |
| | | *For Ceilings >10' High, Add* | *0.51* | |
| | | *For 24" On Center, Deduct* | *-0.66* | |
| | | *For 12" On Center, Add* | *0.83* | |
| | | *For 22 Gauge, Add* | *1.06* | |
| | | *For 20 Gauge, Add* | *1.57* | |
| 09 22 13 13-0010 | SF | 1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel | 5.38 | 1.70 |
| | | *For Ceilings >10' High, Add* | *0.51* | |
| | | *For 24" On Center, Deduct* | *-0.74* | |
| | | *For 12" On Center, Add* | *0.91* | |
| | | *For 22 Gauge, Add* | *1.25* | |
| | | *For 20 Gauge, Add* | *1.82* | |

09 22 13 13-0011 Z Furring Channel *(09 22 13 13)*

09 22 13 13-0012 Installed On Walls, Z Furring Channel *(09 22 13 13-0011)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 22 13 13-0013 | SF | 1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel | 3.05 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.33* | |
| | | *For 12" On Center, Add* | *0.47* | |
| | | *For 22 Gauge, Add* | *0.35* | |
| | | *For 20 Gauge, Add* | *0.60* | |
| 09 22 13 13-0014 | SF | 1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel | 3.10 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.34* | |
| | | *For 12" On Center, Add* | *0.48* | |
| | | *For 22 Gauge, Add* | *0.37* | |
| | | *For 20 Gauge, Add* | *0.63* | |
| 09 22 13 13-0015 | SF | 2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel | 3.15 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.35* | |
| | | *For 12" On Center, Add* | *0.49* | |
| | | *For 22 Gauge, Add* | *0.40* | |
| | | *For 20 Gauge, Add* | *0.67* | |
| 09 22 13 13-0016 | SF | 2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel | 3.19 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.36* | |
| | | *For 12" On Center, Add* | *0.50* | |
| | | *For 22 Gauge, Add* | *0.42* | |
| | | *For 20 Gauge, Add* | *0.69* | |
| 09 22 13 13-0017 | SF | 3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel | 3.22 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.37* | |
| | | *For 12" On Center, Add* | *0.51* | |
| | | *For 22 Gauge, Add* | *0.43* | |
| | | *For 20 Gauge, Add* | *0.71* | |

### 09 22 13 23 Resilient Channel Furring *(09 22 13)*

09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23)*
Note: Includes clips where required.

09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

| | | | | |
|---|---|---|---|---|
| 09 22 13 23-0003 | SF | 25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel | 3.35 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.39* | |
| | | *For 12" On Center, Add* | *0.53* | |
| | | *For 20 Gauge, Add* | *0.80* | |

09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

| | | | | |
|---|---|---|---|---|
| 09 22 13 23-0005 | SF | 25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel | 3.98 | 1.70 |
| | | *For Ceilings >10' High, Add* | *0.51* | |
| | | *For 24" On Center, Deduct* | *-0.46* | |
| | | *For 12" On Center, Add* | *0.63* | |
| | | *For 20 Gauge, Add* | *0.89* | |

09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23)*
Note: Includes clips where required.

09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

| | | | | |
|---|---|---|---|---|
| 09 22 13 23-0008 | SF | 25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel | 3.57 | 1.39 |
| | | *For Walls >10' High, Add* | *0.42* | |
| | | *For 24" On Center, Deduct* | *-0.44* | |
| | | *For 12" On Center, Add* | *0.58* | |
| | | *For 20 Gauge, Add* | *0.94* | |

09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

| | | | | |
|---|---|---|---|---|
| 09 22 13 23-0010 | SF | 25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel | 4.20 | 1.70 |
| | | *For Ceilings >10' High, Add* | *0.51* | |
| | | *For 24" On Center, Deduct* | *-0.50* | |
| | | *For 12" On Center, Add* | *0.67* | |
| | | *For 20 Gauge, Add* | *1.04* | |

### 09 22 16 Non-Structural Metal Framing *(09 22)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

### 09 22 16 13 Non-Structural Metal Stud Framing *(09 22 16)*

09 22 16 13-0001 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners *(09 22 16 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 22 16 13-0002 | SF | 1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 2.49 | 0.58 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.50* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.40* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *1.83* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.47* | |
| | | *For Horizontal Installation >10' High, Add* | *0.61* | |
| | | *For Curved Wall, Add* | *0.43* | |
| | | *For 12" On Center, Add* | *0.43* | |
| | | *For 24" On Center, Deduct* | *-0.43* | |
| | | *For Up To 100, Add* | *0.79* | |
| | | *For >100 To 300, Add* | *0.39* | |
| | | *For >1,000, Deduct* | *-0.23* | |
| 09 22 16 13-0003 | SF | 2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 2.66 | 0.60 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.53* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.47* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *1.93* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.49* | |
| | | *For Horizontal Installation >10' High, Add* | *0.64* | |
| | | *For Curved Wall, Add* | *0.45* | |
| | | *For 12" On Center, Add* | *0.46* | |
| | | *For 24" On Center, Deduct* | *-0.46* | |
| | | *For Up To 100, Add* | *0.83* | |
| | | *For >100 To 300, Add* | *0.42* | |
| | | *For >1,000, Deduct* | *-0.25* | |
| 09 22 16 13-0004 | SF | 3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 2.94 | 0.63 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.59* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.56* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.03* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.53* | |
| | | *For Horizontal Installation >10' High, Add* | *0.69* | |
| | | *For Curved Wall, Add* | *0.47* | |
| | | *For 12" On Center, Add* | *0.51* | |
| | | *For 24" On Center, Deduct* | *-0.51* | |
| | | *For Up To 100, Add* | *0.90* | |
| | | *For >100 To 300, Add* | *0.45* | |
| | | *For >1,000, Deduct* | *-0.28* | |
| 09 22 16 13-0005 | SF | 4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 3.15 | 0.66 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.63* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.64* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.14* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.56* | |
| | | *For Horizontal Installation >10' High, Add* | *0.73* | |
| | | *For Curved Wall, Add* | *0.50* | |
| | | *For 12" On Center, Add* | *0.55* | |
| | | *For 24" On Center, Deduct* | *-0.55* | |
| | | *For Up To 100, Add* | *0.96* | |
| | | *For >100 To 300, Add* | *0.48* | |
| | | *For >1,000, Deduct* | *-0.31* | |
| 09 22 16 13-0006 | SF | 6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 3.58 | 0.69 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.72* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.75* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.27* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.62* | |
| | | *For Horizontal Installation >10' High, Add* | *0.79* | |
| | | *For Curved Wall, Add* | *0.52* | |
| | | *For 12" On Center, Add* | *0.63* | |
| | | *For 24" On Center, Deduct* | *-0.63* | |
| | | *For Up To 100, Add* | *1.06* | |
| | | *For >100 To 300, Add* | *0.53* | |
| | | *For >1,000, Deduct* | *-0.36* | |

## 09 22 16 13-0007 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners *(09 22 16 13)*

| | | | | |
|---|---|---|---|---|
| 09 22 16 13-0008 | SF | 1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 2.88 | 0.58 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.58* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.46* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *1.91* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.51* | |
| | | *For Horizontal Installation >10' High, Add* | *0.66* | |
| | | *For Curved Wall, Add* | *0.44* | |
| | | *For 12" On Center, Add* | *0.50* | |
| | | *For 24" On Center, Deduct* | *-0.50* | |
| | | *For Up To 100, Add* | *0.87* | |
| | | *For >100 To 300, Add* | *0.44* | |
| | | *For >1,000, Deduct* | *-0.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 22 16 13-0009 | SF | 2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 3.20 | 0.62 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.64* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.56* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.03* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.55* | |
| | | *For Horizontal Installation >10' High, Add* | *0.71* | |
| | | *For Curved Wall, Add* | *0.47* | |
| | | *For 12" On Center, Add* | *0.56* | |
| | | *For 24" On Center, Deduct* | *-0.56* | |
| | | *For Up To 100, Add* | *0.95* | |
| | | *For >100 To 300, Add* | *0.48* | |
| | | *For >1,000, Deduct* | *-0.33* | |
| 09 22 16 13-0010 | SF | 3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 3.58 | 0.64 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.72* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.66* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.15* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.60* | |
| | | *For Horizontal Installation >10' High, Add* | *0.77* | |
| | | *For Curved Wall, Add* | *0.49* | |
| | | *For 12" On Center, Add* | *0.63* | |
| | | *For 24" On Center, Deduct* | *-0.63* | |
| | | *For Up To 100, Add* | *1.04* | |
| | | *For >100 To 300, Add* | *0.52* | |
| | | *For >1,000, Deduct* | *-0.37* | |
| 09 22 16 13-0011 | SF | 4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Structural, Galvanized Steel Framing With Tracks And Runners | 3.82 | 0.68 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.76* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.74* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.25* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.64* | |
| | | *For Horizontal Installation >10' High, Add* | *0.81* | |
| | | *For Curved Wall, Add* | *0.51* | |
| | | *For 12" On Center, Add* | *0.68* | |
| | | *For 24" On Center, Deduct* | *-0.68* | |
| | | *For Up To 100, Add* | *1.10* | |
| | | *For >100 To 300, Add* | *0.55* | |
| | | *For >1,000, Deduct* | *-0.40* | |
| 09 22 16 13-0012 | SF | 6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 5.59 | 0.71 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.12* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.99* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.53* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.83* | |
| | | *For Horizontal Installation >10' High, Add* | *1.01* | |
| | | *For Curved Wall, Add* | *0.54* | |
| | | *For 12" On Center, Add* | *1.03* | |
| | | *For 24" On Center, Deduct* | *-1.03* | |
| | | *For Up To 100, Add* | *1.48* | |
| | | *For >100 To 300, Add* | *0.74* | |
| | | *For >1,000, Deduct* | *-0.66* | |

## 09 22 16 13-0013 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners *(09 22 16 13)*

| | | | | |
|---|---|---|---|---|
| 09 22 16 13-0014 | SF | 2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 4.67 | 0.63 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *0.93* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.73* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.21* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.70* | |
| | | *For Horizontal Installation >10' High, Add* | *0.86* | |
| | | *For Curved Wall, Add* | *0.47* | |
| | | *For 12" On Center, Add* | *0.86* | |
| | | *For 24" On Center, Deduct* | *-0.86* | |
| | | *For Up To 100, Add* | *1.25* | |
| | | *For >100 To 300, Add* | *0.63* | |
| | | *For >1,000, Deduct* | *-0.54* | |
| 09 22 16 13-0015 | SF | 3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 5.22 | 0.66 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.04* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.86* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.36* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.77* | |
| | | *For Horizontal Installation >10' High, Add* | *0.94* | |
| | | *For Curved Wall, Add* | *0.50* | |
| | | *For 12" On Center, Add* | *0.96* | |
| | | *For 24" On Center, Deduct* | *-0.96* | |
| | | *For Up To 100, Add* | *1.38* | |
| | | *For >100 To 300, Add* | *0.69* | |
| | | *For >1,000, Deduct* | *-0.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 22 16 13-0016 | SF | 4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 5.61 | 0.69 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.12* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.95* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.48* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.82* | |
| | | *For Horizontal Installation >10' High, Add* | *1.00* | |
| | | *For Curved Wall, Add* | *0.52* | |
| | | *For 12" On Center, Add* | *1.04* | |
| | | *For 24" On Center, Deduct* | *-1.04* | |
| | | *For Up To 100, Add* | *1.47* | |
| | | *For >100 To 300, Add* | *0.74* | |
| | | *For >1,000, Deduct* | *-0.67* | |
| 09 22 16 13-0017 | SF | 6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 7.54 | 0.73 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.51* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *2.23* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.78* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.03* | |
| | | *For Horizontal Installation >10' High, Add* | *1.21* | |
| | | *For Curved Wall, Add* | *0.55* | |
| | | *For 12" On Center, Add* | *1.42* | |
| | | *For 24" On Center, Deduct* | *-1.42* | |
| | | *For Up To 100, Add* | *1.88* | |
| | | *For >100 To 300, Add* | *0.94* | |
| | | *For >1,000, Deduct* | *-0.95* | |
| 09 22 16 13-0018 | SF | 8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 8.24 | 0.78 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.65* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *2.36* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.94* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.11* | |
| | | *For Horizontal Installation >10' High, Add* | *1.30* | |
| | | *For Curved Wall, Add* | *0.58* | |
| | | *For 12" On Center, Add* | *1.55* | |
| | | *For 24" On Center, Deduct* | *-1.55* | |
| | | *For Up To 100, Add* | *2.03* | |
| | | *For >100 To 300, Add* | *1.02* | |
| | | *For >1,000, Deduct* | *-1.04* | |

## 09 22 16 13-0019 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners *(09 22 16 13)*

| | | | | |
|---|---|---|---|---|
| 09 22 16 13-0020 | SF | 2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 5.00 | 0.64 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.00* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.80* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.29* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.74* | |
| | | *For Horizontal Installation >10' High, Add* | *0.91* | |
| | | *For Curved Wall, Add* | *0.49* | |
| | | *For 12" On Center, Add* | *0.92* | |
| | | *For 24" On Center, Deduct* | *-0.92* | |
| | | *For Up To 100, Add* | *1.33* | |
| | | *For >100 To 300, Add* | *0.66* | |
| | | *For >1,000, Deduct* | *-0.59* | |
| 09 22 16 13-0021 | SF | 3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 5.97 | 0.68 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.19* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *1.96* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.47* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.85* | |
| | | *For Horizontal Installation >10' High, Add* | *1.02* | |
| | | *For Curved Wall, Add* | *0.51* | |
| | | *For 12" On Center, Add* | *1.11* | |
| | | *For 24" On Center, Deduct* | *-1.11* | |
| | | *For Up To 100, Add* | *1.53* | |
| | | *For >100 To 300, Add* | *0.77* | |
| | | *For >1,000, Deduct* | *-0.73* | |
| 09 22 16 13-0022 | SF | 4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 6.33 | 0.71 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.27* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *2.07* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.60* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.90* | |
| | | *For Horizontal Installation >10' High, Add* | *1.08* | |
| | | *For Curved Wall, Add* | *0.54* | |
| | | *For 12" On Center, Add* | *1.18* | |
| | | *For 24" On Center, Deduct* | *-1.18* | |
| | | *For Up To 100, Add* | *1.62* | |
| | | *For >100 To 300, Add* | *0.81* | |
| | | *For >1,000, Deduct* | *-0.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 22 16 13-0023 | SF | 6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 8.18 | 0.75 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.64* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *2.32* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *2.89* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.10* | |
| | | *For Horizontal Installation >10' High, Add* | *1.29* | |
| | | *For Curved Wall, Add* | *0.56* | |
| | | *For 12" On Center, Add* | *1.54* | |
| | | *For 24" On Center, Deduct* | *-1.54* | |
| | | *For Up To 100, Add* | *2.01* | |
| | | *For >100 To 300, Add* | *1.01* | |
| | | *For >1,000, Deduct* | *-1.04* | |
| 09 22 16 13-0024 | SF | 8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners | 9.05 | 0.80 |
| | | *For Powder-Actuated Fasteners Every 2', Add* | *0.04* | |
| | | *For Walls >10' High, Add* | *1.81* | |
| | | *For Soffit, Columns Or Beams Up To 10' High, Add* | *2.48* | |
| | | *For Soffit, Columns Or Beams >10' High, Add* | *3.07* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.20* | |
| | | *For Horizontal Installation >10' High, Add* | *1.40* | |
| | | *For Curved Wall, Add* | *0.59* | |
| | | *For 12" On Center, Add* | *1.71* | |
| | | *For 24" On Center, Deduct* | *-1.71* | |
| | | *For Up To 100, Add* | *2.20* | |
| | | *For >100 To 300, Add* | *1.10* | |
| | | *For >1,000, Deduct* | *-1.16* | |

## 09 22 36 Lath *(09 22)*

### 09 22 36 13 Gypsum Lath *(09 22 36)*

#### 09 22 36 13-0001 Plaster Base Gypsum Panels *(09 22 36 13)*

| | | | | |
|---|---|---|---|---|
| 09 22 36 13-0002 | SF | 3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel | 1.24 | 0.38 |
| | | *For Walls >10' High, Add* | *0.10* | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 500, Add* | *0.19* | |
| | | *For >5,000, Deduct* | *-0.08* | |
| 09 22 36 13-0003 | SF | 1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel | 1.76 | 0.44 |
| | | *For Walls >10' High, Add* | *0.11* | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 500, Add* | *0.22* | |
| | | *For >5,000, Deduct* | *-0.09* | |
| 09 22 36 13-0004 | SF | 5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel | 2.28 | 0.51 |
| | | *For Walls >10' High, Add* | *0.13* | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 500, Add* | *0.26* | |
| | | *For >5,000, Deduct* | *-0.10* | |
| 09 22 36 13-0005 | SF | 3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel | 1.55 | 0.53 |
| | | *For Ceilings >10' High, Add* | *0.16* | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 500, Add* | *0.27* | |
| | | *For >5,000, Deduct* | *-0.11* | |
| 09 22 36 13-0006 | SF | 1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel | 2.11 | 0.62 |
| | | *For Ceilings >10' High, Add* | *0.19* | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 500, Add* | *0.31* | |
| | | *For >5,000, Deduct* | *-0.12* | |
| 09 22 36 13-0007 | SF | 5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel | 2.68 | 0.71 |
| | | *For Ceilings >10' High, Add* | *0.21* | |
| | | *For Up To 100, Add* | *0.71* | |
| | | *For >100 To 500, Add* | *0.36* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 13-0008 | SF | 3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel | 1.85 | 0.69 |
| | | *For Columns And Beams >10' High, Add* | *0.21* | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 500, Add* | *0.35* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 13-0009 | SF | 1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel | 2.46 | 0.80 |
| | | *For Columns And Beams >10' High, Add* | *0.24* | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 500, Add* | *0.40* | |
| | | *For >5,000, Deduct* | *-0.16* | |
| 09 22 36 13-0010 | SF | 5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel | 3.08 | 0.92 |
| | | *For Columns And Beams >10' High, Add* | *0.27* | |
| | | *For Up To 100, Add* | *0.91* | |
| | | *For >100 To 500, Add* | *0.46* | |
| | | *For >5,000, Deduct* | *-0.18* | |

#### 09 22 36 13-0011 Firestop Plaster Base Gypsum Panels *(09 22 36 13)*

| | | | | |
|---|---|---|---|---|
| 09 22 36 13-0012 | SF | 3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel | 1.82 | 0.38 |
| | | *For Walls >10' High, Add* | *0.10* | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 500, Add* | *0.19* | |
| | | *For >5,000, Deduct* | *-0.08* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 22 36 13-0013 | SF | 1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel | 2.11 | 0.44 |
| | | *For Walls >10' High, Add* | *0.11* | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 500, Add* | *0.22* | |
| | | *For >5,000, Deduct* | *-0.09* | |
| 09 22 36 13-0014 | SF | 3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel | 2.13 | 0.53 |
| | | *For Ceilings >10' High, Add* | *0.16* | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 500, Add* | *0.27* | |
| | | *For >5,000, Deduct* | *-0.11* | |
| 09 22 36 13-0015 | SF | 1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel | 2.46 | 0.62 |
| | | *For Ceilings >10' High, Add* | *0.19* | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 500, Add* | *0.31* | |
| | | *For >5,000, Deduct* | *-0.12* | |
| 09 22 36 13-0016 | SF | 3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel | 2.43 | 0.69 |
| | | *For Columns And Beams >10' High, Add* | *0.21* | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 500, Add* | *0.35* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 13-0017 | SF | 1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel | 2.81 | 0.80 |
| | | *For Columns And Beams >10' High, Add* | *0.24* | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 500, Add* | *0.40* | |
| | | *For >5,000, Deduct* | *-0.16* | |

### 09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels *(09 22 36 13)*

| | | | | |
|---|---|---|---|---|
| 09 22 36 13-0019 | SF | 3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel | 1.82 | 0.38 |
| | | *For Walls >10' High, Add* | *0.10* | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 500, Add* | *0.19* | |
| | | *For >5,000, Deduct* | *-0.08* | |
| 09 22 36 13-0020 | SF | 1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel | 2.11 | 0.44 |
| | | *For Walls >10' High, Add* | *0.11* | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 500, Add* | *0.22* | |
| | | *For >5,000, Deduct* | *-0.09* | |
| 09 22 36 13-0021 | SF | 3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel | 2.13 | 0.53 |
| | | *For Ceilings >10' High, Add* | *0.16* | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 500, Add* | *0.27* | |
| | | *For >5,000, Deduct* | *-0.11* | |
| 09 22 36 13-0022 | SF | 1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel | 2.46 | 0.62 |
| | | *For Ceilings >10' High, Add* | *0.19* | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 500, Add* | *0.31* | |
| | | *For >5,000, Deduct* | *-0.12* | |
| 09 22 36 13-0023 | SF | 3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel | 2.43 | 0.69 |
| | | *For Columns And Beams >10' High, Add* | *0.21* | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 500, Add* | *0.35* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 13-0024 | SF | 1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel | 2.81 | 0.80 |
| | | *For Columns And Beams >10' High, Add* | *0.24* | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 500, Add* | *0.40* | |
| | | *For >5,000, Deduct* | *-0.16* | |

## 09 22 36 23 Metal Lath *(09 22 36)*

### 09 22 36 23-0001 Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

| | | | | |
|---|---|---|---|---|
| 09 22 36 23-0002 | SF | 1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath | 2.05 | 0.53 |
| | | *For Walls >10' High, Add* | *0.15* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 500, Add* | *0.30* | |
| | | *For >5,000, Deduct* | *-0.12* | |
| 09 22 36 23-0003 | SF | 2 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath | 2.16 | 0.53 |
| | | *For Walls >10' High, Add* | *0.15* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 500, Add* | *0.30* | |
| | | *For >5,000, Deduct* | *-0.12* | |
| 09 22 36 23-0004 | SF | 2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath | 2.27 | 0.53 |
| | | *For Walls >10' High, Add* | *0.15* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 500, Add* | *0.30* | |
| | | *For >5,000, Deduct* | *-0.12* | |
| 09 22 36 23-0005 | SF | 3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath | 2.63 | 0.56 |
| | | *For Walls >10' High, Add* | *0.16* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 500, Add* | *0.32* | |
| | | *For >5,000, Deduct* | *-0.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 22 36 23-0006 | SF | 1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath | 2.21 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 23-0007 | SF | 2 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath | 2.32 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 23-0008 | SF | 2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath | 2.43 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 23-0009 | SF | 3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath | 2.72 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 23-0010 | SF | 1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath | 2.89 | 0.86 |
| | | *For Columns And Beams >10' High, Add* | *0.28* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.95* | |
| | | *For >100 To 500, Add* | *0.47* | |
| | | *For >5,000, Deduct* | *-0.19* | |
| 09 22 36 23-0011 | SF | 2 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath | 3.00 | 0.86 |
| | | *For Columns And Beams >10' High, Add* | *0.28* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.95* | |
| | | *For >100 To 500, Add* | *0.47* | |
| | | *For >5,000, Deduct* | *-0.19* | |
| 09 22 36 23-0012 | SF | 2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath | 3.11 | 0.86 |
| | | *For Columns And Beams >10' High, Add* | *0.28* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.95* | |
| | | *For >100 To 500, Add* | *0.47* | |
| | | *For >5,000, Deduct* | *-0.19* | |
| 09 22 36 23-0013 | SF | 3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath | 3.88 | 1.07 |
| | | *For Columns And Beams >10' High, Add* | *0.36* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *1.19* | |
| | | *For >100 To 500, Add* | *0.59* | |
| | | *For >5,000, Deduct* | *-0.24* | |

## 09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

| | | | | |
|---|---|---|---|---|
| 09 22 36 23-0015 | SF | 1.75 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath | 2.12 | 0.56 |
| | | *For Walls >10' High, Add* | *0.16* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 500, Add* | *0.32* | |
| | | *For >5,000, Deduct* | *-0.13* | |
| 09 22 36 23-0016 | SF | 2.0 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath | 2.23 | 0.56 |
| | | *For Walls >10' High, Add* | *0.16* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 500, Add* | *0.32* | |
| | | *For >5,000, Deduct* | *-0.13* | |
| 09 22 36 23-0017 | SF | 2.5 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath | 2.34 | 0.56 |
| | | *For Walls >10' High, Add* | *0.16* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 500, Add* | *0.32* | |
| | | *For >5,000, Deduct* | *-0.13* | |
| 09 22 36 23-0018 | SF | 3.4 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath | 2.63 | 0.56 |
| | | *For Walls >10' High, Add* | *0.16* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 500, Add* | *0.32* | |
| | | *For >5,000, Deduct* | *-0.13* | |
| 09 22 36 23-0019 | SF | 1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath | 3.37 | 1.07 |
| | | *For Columns And Beams >10' High, Add* | *0.36* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *1.19* | |
| | | *For >100 To 500, Add* | *0.59* | |
| | | *For >5,000, Deduct* | *-0.24* | |
| 09 22 36 23-0020 | SF | 2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath | 3.48 | 1.07 |
| | | *For Columns And Beams >10' High, Add* | *0.36* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *1.19* | |
| | | *For >100 To 500, Add* | *0.59* | |
| | | *For >5,000, Deduct* | *-0.24* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 22 36 23-0021 | SF | 2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath | 3.59 | 1.07 |
| | | *For Columns And Beams >10' High, Add* | *0.36* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *1.19* | |
| | | *For >100 To 500, Add* | *0.59* | |
| | | *For >5,000, Deduct* | *-0.24* | |
| 09 22 36 23-0022 | SF | 3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath | 4.22 | 1.22 |
| | | *For Columns And Beams >10' High, Add* | *0.41* | |
| | | *For Paper Backed Lath, Add* | *0.06* | |
| | | *For Up To 100, Add* | *1.36* | |
| | | *For >100 To 500, Add* | *0.68* | |
| | | *For >5,000, Deduct* | *-0.27* | |

### 09 22 36 23-0023 High Rib Metal Lath *(09 22 36 23)*

| | | | | |
|---|---|---|---|---|
| 09 22 36 23-0024 | SF | 2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath | 2.53 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 23-0025 | SF | 3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath | 2.69 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 23-0026 | SF | 3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath | 2.79 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 23-0027 | SF | 4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath | 2.97 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |

## 09 22 36 33 Fiberglass Lath *(09 22 36)*

### 09 22 36 33-0001 Non-Metallic, Fiberglass Lath *(09 22 36 33)*

| | | | | |
|---|---|---|---|---|
| 09 22 36 33-0002 | SF | 1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath | 2.78 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 33-0003 | SF | 1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath | 2.99 | 0.60 |
| | | *For Ceilings >10' High, Add* | *0.20* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >5,000, Deduct* | *-0.14* | |
| 09 22 36 33-0004 | SF | 1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath | 2.69 | 0.56 |
| | | *For Walls >10' High, Add* | *0.16* | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 500, Add* | *0.32* | |
| | | *For >5,000, Deduct* | *-0.13* | |
| 09 22 36 33-0005 | SF | 1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath | 2.90 | 0.56 |
| | | *For Walls >10' High, Add* | *0.16* | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 500, Add* | *0.32* | |
| | | *For >5,000, Deduct* | *-0.13* | |

# 09 23 Gypsum Plastering *(09 20)*

## 09 23 13 Acoustical Gypsum Plastering *(09 23)*

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.

### 09 23 13 00-0001 Casing And Corner Beads *(09 23 13)*

| | | | | |
|---|---|---|---|---|
| 09 23 13 00-0002 | LF | Galvanized Expanded Flange Casing Bead For Plaster Applications | 3.60 | 0.86 |
| 09 23 13 00-0003 | LF | Zinc Expanded Flange Casing Bead For Plaster Applications | 3.61 | 0.86 |
| 09 23 13 00-0004 | LF | Vinyl Expanded Flange Casing Bead For Plaster Applications | 3.52 | 0.86 |
| 09 23 13 00-0005 | LF | Galvanized Corner Bead For Plaster Applications | 3.43 | 0.86 |
| 09 23 13 00-0006 | LF | Vinyl Corner Bead For Plaster Applications | 3.32 | 0.86 |

### 09 23 13 00-0007 Trim *(09 23 13)*

| | | | | |
|---|---|---|---|---|
| 09 23 13 00-0008 | LF | Galvanized "J" Trim For Plaster Applications | 3.86 | 0.86 |
| | | *For Vinyl Instead Of Galvanized, Add* | *0.26* | |
| | | *For Zinc Instead Of Galvanized, Add* | *1.70* | |
| 09 23 13 00-0009 | LF | Galvanized "L" Trim For Plaster Applications | 3.86 | 0.86 |
| | | *For Vinyl Instead Of Galvanized, Add* | *0.26* | |
| | | *For Zinc Instead Of Galvanized, Add* | *1.70* | |
| 09 23 13 00-0010 | LF | Galvanized "U" Trim For Plaster Applications | 3.86 | 0.86 |
| | | *For Vinyl Instead Of Galvanized, Add* | *0.26* | |
| | | *For Zinc Instead Of Galvanized, Add* | *1.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **09 23 13 00-0011** | | **Plaster Forms And Expansion Joints** *(09 23 13)* | | |
| 09 23 13 00-0012 | SF | 1" Architectural Foam Forms To Cover With Plaster | 4.18 | |
| 09 23 13 00-0013 | LF | 3/4" Galvanized Expansion Joint For Plaster Applications | 4.39 | 0.86 |
| **09 23 13 00-0014** | | **One Skim Coat Gypsum Plaster On Walls** *(09 23 13)* | | |
| 09 23 13 00-0015 | SF | Skim Coat One Coat Gypsum Plaster On Walls | 1.05 | |
| | | *For Walls >10' High, Add* | *0.09* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.13* | |
| | | *For Horizontal Installation >10' High, Add* | *0.26* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *0.27* | |
| | | *For Columns Or Beams >10' High, Add* | *0.40* | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 500, Add* | *0.22* | |
| | | *For >5,000, Deduct* | *-0.18* | |
| 09 23 13 00-0016 | SF | For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls | 0.77 | |
| | | *For Walls >10' High, Add* | *0.06* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.10* | |
| | | *For Horizontal Installation >10' High, Add* | *0.19* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *0.20* | |
| | | *For Columns Or Beams >10' High, Add* | *0.29* | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 500, Add* | *0.16* | |
| | | *For >5,000, Deduct* | *-0.13* | |
| **09 23 13 00-0017** | | **Two Coats Gypsum Plaster On Walls** *(09 23 13)* | | |
| 09 23 13 00-0018 | SF | Smooth Finish Two Coats Gypsum Plaster On Walls | 5.18 | 2.96 |
| | | *For Walls >10' High, Add* | *0.49* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.73* | |
| | | *For Horizontal Installation >10' High, Add* | *1.46* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.51* | |
| | | *For Columns Or Beams >10' High, Add* | *2.24* | |
| | | *For Up To 100, Add* | *2.44* | |
| | | *For >100 To 500, Add* | *1.22* | |
| | | *For >5,000, Deduct* | *-0.97* | |
| 09 23 13 00-0019 | SF | Sand Aggregate Two Coats Gypsum Plaster On Walls | 5.34 | 2.79 |
| | | *For Walls >10' High, Add* | *0.46* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.69* | |
| | | *For Horizontal Installation >10' High, Add* | *1.37* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.42* | |
| | | *For Columns Or Beams >10' High, Add* | *2.10* | |
| | | *For Up To 100, Add* | *2.29* | |
| | | *For >100 To 500, Add* | *1.14* | |
| | | *For >5,000, Deduct* | *-0.91* | |
| 09 23 13 00-0020 | SF | Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls | 5.39 | 2.79 |
| | | *For Walls >10' High, Add* | *0.46* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.69* | |
| | | *For Horizontal Installation >10' High, Add* | *1.37* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.42* | |
| | | *For Columns Or Beams >10' High, Add* | *2.10* | |
| | | *For Up To 100, Add* | *2.29* | |
| | | *For >100 To 500, Add* | *1.14* | |
| | | *For >5,000, Deduct* | *-0.91* | |
| **09 23 13 00-0021** | | **Three Coats Gypsum Plaster On Walls** *(09 23 13)* | | |
| 09 23 13 00-0022 | SF | Smooth Finish Three Coats Gypsum Plaster On Walls | 6.26 | 3.60 |
| | | *For Walls >10' High, Add* | *0.58* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.87* | |
| | | *For Horizontal Installation >10' High, Add* | *1.74* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.80* | |
| | | *For Columns Or Beams >10' High, Add* | *2.67* | |
| | | *For Up To 100, Add* | *2.91* | |
| | | *For >100 To 500, Add* | *1.45* | |
| | | *For >5,000, Deduct* | *-1.16* | |
| 09 23 13 00-0023 | SF | Sand Aggregate Three Coats Gypsum Plaster On Walls | 6.30 | 3.27 |
| | | *For Walls >10' High, Add* | *0.54* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.81* | |
| | | *For Horizontal Installation >10' High, Add* | *1.62* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.67* | |
| | | *For Columns Or Beams >10' High, Add* | *2.48* | |
| | | *For Up To 100, Add* | *2.70* | |
| | | *For >100 To 500, Add* | *1.35* | |
| | | *For >5,000, Deduct* | *-1.08* | |
| 09 23 13 00-0024 | SF | Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls | 5.91 | 3.27 |
| | | *For Walls >10' High, Add* | *0.54* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.80* | |
| | | *For Horizontal Installation >10' High, Add* | *1.61* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.66* | |
| | | *For Columns Or Beams >10' High, Add* | *2.47* | |
| | | *For Up To 100, Add* | *2.68* | |
| | | *For >100 To 500, Add* | *1.34* | |
| | | *For >5,000, Deduct* | *-1.07* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 23 13 00-0025 | | Plaster Bonding Agent *(09 23 13)* | | |
| 09 23 13 00-0026 | SF | 1 Coat, Brush/Roller Plaster Bonding Agent | 0.59 | |
| | | *For Walls >10' High, Add* | *0.05* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *0.14* | |
| | | *For Columns Or Beams >10' High, Add* | *0.21* | |
| | | *For Ceiling Application Up To 10' High, Add* | *0.06* | |
| | | *For Ceiling Application >10' High, Add* | *0.11* | |

## 09 24 Cement Plastering *(09 20)*

### 09 24 13 Acoustical Cement Plastering *(09 24)*

| | | | | |
|---|---|---|---|---|
| 09 24 13 00-0001 | | Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 24 13)*<br>Note: Used for areas with higher than normal moisture. | | |
| 09 24 13 00-0002 | SF | 1 Coat Keene's Cement Plaster On Walls | 4.14 | 1.99 |
| | | *For Walls >10' High, Add* | *0.32* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.48* | |
| | | *For Horizontal Installation >10' High, Add* | *0.96* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *0.99* | |
| | | *For Columns Or Beams >10' High, Add* | *1.47* | |
| | | *For Up To 100, Add* | *1.60* | |
| | | *For >100 To 500, Add* | *0.80* | |
| | | *For >5,000, Deduct* | *-0.64* | |
| 09 24 13 00-0003 | SF | 2 Coat Keene's Cement Plaster On Walls | 6.26 | 3.11 |
| | | *For Walls >10' High, Add* | *0.51* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.76* | |
| | | *For Horizontal Installation >10' High, Add* | *1.52* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.57* | |
| | | *For Columns Or Beams >10' High, Add* | *2.33* | |
| | | *For Up To 100, Add* | *2.53* | |
| | | *For >100 To 500, Add* | *1.27* | |
| | | *For >5,000, Deduct* | *-1.01* | |
| 09 24 13 00-0004 | SF | 3 Coat Keene's Cement Plaster On Walls | 7.08 | 3.51 |
| | | *For Walls >10' High, Add* | *0.57* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.86* | |
| | | *For Horizontal Installation >10' High, Add* | *1.72* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.77* | |
| | | *For Columns Or Beams >10' High, Add* | *2.63* | |
| | | *For Up To 100, Add* | *2.86* | |
| | | *For >100 To 500, Add* | *1.43* | |
| | | *For >5,000, Deduct* | *-1.14* | |

### 09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

| | | | | |
|---|---|---|---|---|
| 09 24 23 00-0001 | | Stucco *(09 24 23)*<br>Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath. | | |
| 09 24 23 00-0002 | SF | Scratch/Brown/Finish, Three Coat Troweled Stucco<br>Note: Excludes lath and felt. Interior or exterior, one side. | 7.85 | 2.48 |
| | | *For Walls >10' High, Add* | *0.68* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.01* | |
| | | *For Horizontal Installation >10' High, Add* | *2.03* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *2.10* | |
| | | *For Columns Or Beams >10' High, Add* | *3.11* | |
| | | *For Color Added To Finish Coat, Add* | *0.15* | |
| | | *For Smooth Float Finish, Add* | *1.42* | |
| | | *For Up To 100, Add* | *3.38* | |
| | | *For >100 To 500, Add* | *1.69* | |
| | | *For >5,000, Deduct* | *-1.35* | |
| 09 24 23 00-0003 | SF | Scratch/Brown, Two Coat Troweled Stucco<br>Note: Excludes lath and felt. Interior or exterior, one side. | 3.44 | 1.20 |
| | | *For Walls >10' High, Add* | *0.25* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.37* | |
| | | *For Horizontal Installation >10' High, Add* | *0.74* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *0.77* | |
| | | *For Columns Or Beams >10' High, Add* | *1.14* | |
| | | *For Up To 100, Add* | *1.24* | |
| | | *For >100 To 500, Add* | *0.62* | |
| | | *For >5,000, Deduct* | *-0.50* | |
| 09 24 23 00-0004 | SF | Scratch/Finish, Two Coat Troweled Stucco<br>Note: Excludes lath and felt. Interior or exterior, one side. | 5.18 | 1.20 |
| | | *For Walls >10' High, Add* | *0.44* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.66* | |
| | | *For Horizontal Installation >10' High, Add* | *1.32* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *1.36* | |
| | | *For Columns Or Beams >10' High, Add* | *2.02* | |
| | | *For Color Added To Finish Coat, Add* | *0.15* | |
| | | *For Smooth Float Finish, Add* | *1.21* | |
| | | *For Up To 100, Add* | *2.20* | |
| | | *For >100 To 500, Add* | *1.10* | |
| | | *For >5,000, Deduct* | *-0.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 24 23 00-0005 | SF | Finish Coat Troweled Stucco<br>Note: Excludes lath and felt. Interior or exterior, one side. | 3.32 | 0.80 |
| | | *For Walls >10' High, Add* | *0.32* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.48* | |
| | | *For Horizontal Installation >10' High, Add* | *0.96* | |
| | | *For Columns Or Beams Up To 10' High, Add* | *0.99* | |
| | | *For Columns Or Beams >10' High, Add* | *1.47* | |
| | | *For Color Added To Finish Coat, Add* | *0.15* | |
| | | *For Smooth Float Finish, Add* | *1.20* | |
| | | *For Up To 100, Add* | *1.60* | |
| | | *For >100 To 500, Add* | *0.80* | |
| | | *For >5,000, Deduct* | *-0.64* | |

### 09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

| | | | | |
|---|---|---|---|---|
| 09 24 33 00-0002 | SF | 1/8" Thick Sand And Cement Parging | 3.48 | |
| 09 24 33 00-0003 | SF | 1/4" Thick Sand And Cement Parging | 4.46 | |
| 09 24 33 00-0004 | SF | 1/2" Thick Sand And Cement Parging | 5.56 | |

## 09 28 Backing Boards and Underlayments *(09 20)*

### 09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

| | | | | |
|---|---|---|---|---|
| 09 28 13 00-0002 | SF | 1/4" Cementitious Backer Units For Installation On Floors | 3.55 | 0.54 |
| | | *For Up To 50, Add* | *2.50* | |
| | | *For >50 To 250, Add* | *0.43* | |
| | | *For >1,000, Deduct* | *-0.22* | |
| | | *For Installation On Wall, Add* | *0.43* | |
| | | *For Installation On Ceiling, Add* | *1.08* | |
| 09 28 13 00-0003 | SF | 1/2" Cementitious Backer Units For Installation On Floors | 4.02 | 0.65 |
| | | *For Up To 50, Add* | *2.93* | |
| | | *For >50 To 250, Add* | *0.51* | |
| | | *For >1,000, Deduct* | *-0.26* | |
| | | *For Installation On Wall, Add* | *0.51* | |
| | | *For Installation On Ceiling, Add* | *1.29* | |
| 09 28 13 00-0004 | SF | 5/8" Cementitious Backer Units For Installation On Floors | 5.06 | 0.75 |
| | | *For Up To 50, Add* | *3.52* | |
| | | *For >50 To 250, Add* | *0.60* | |
| | | *For >1,000, Deduct* | *-0.30* | |
| | | *For Installation On Wall, Add* | *0.60* | |
| | | *For Installation On Ceiling, Add* | *1.51* | |

### 09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units, DensShield *(09 28 16)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

| | | | | |
|---|---|---|---|---|
| 09 28 16 00-0002 | SF | 1/2" DensShield Tile Backer For Installation On Floors | 2.79 | 0.61 |
| | | *For Up To 50, Add* | *1.85* | |
| | | *For >50 To 250, Add* | *0.31* | |
| | | *For >1,000, Deduct* | *-0.15* | |
| | | *For Installation On Wall, Add* | *0.31* | |
| | | *For Installation On Ceiling, Add* | *0.77* | |
| 09 28 16 00-0003 | SF | 5/8" DensShield Tile Backer For Installation On Floors | 3.42 | 0.69 |
| | | *For Up To 50, Add* | *2.15* | |
| | | *For >50 To 250, Add* | *0.34* | |
| | | *For >1,000, Deduct* | *-0.17* | |
| | | *For Installation On Wall, Add* | *0.34* | |
| | | *For Installation On Ceiling, Add* | *0.86* | |

## 09 29 Gypsum Board *(09 20)*

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

### 09 29 10 Gypsum Board *(09 29)*

09 29 10 00-0001 Standard Gypsum Board Application *(09 29 10)*
Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.

09 29 10 00-0002 Standard Gypsum Board Application *(09 29 10 00-0001)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 29 10 00-0003 | SF | 1/4" Gypsum Board | 1.12 | 0.34 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.16* | |
| | | *For Adhesive Applied Sheets, Add* | *0.09* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.23* | |
| | | *For Horizontal Installation >10' High, Add* | *0.35* | |
| | | *For Walls >10' High, Add* | *0.06* | |
| | | *For Up To 128, Add* | *0.36* | |
| | | *For >128 To 320, Add* | *0.22* | |
| | | *For >1,536, Deduct* | *-0.10* | |
| 09 29 10 00-0004 | SF | 3/8" Gypsum Board | 1.21 | 0.38 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.18* | |
| | | *For Adhesive Applied Sheets, Add* | *0.10* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.27* | |
| | | *For Horizontal Installation >10' High, Add* | *0.39* | |
| | | *For Walls >10' High, Add* | *0.06* | |
| | | *For Up To 128, Add* | *0.40* | |
| | | *For >128 To 320, Add* | *0.24* | |
| | | *For >1,536, Deduct* | *-0.10* | |
| | | *For Foil Back Board, Add* | *0.10* | |
| 09 29 10 00-0005 | SF | 1/2" Gypsum Board | 1.31 | 0.44 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.21* | |
| | | *For Adhesive Applied Sheets, Add* | *0.10* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.30* | |
| | | *For Horizontal Installation >10' High, Add* | *0.45* | |
| | | *For Walls >10' High, Add* | *0.07* | |
| | | *For Up To 128, Add* | *0.44* | |
| | | *For >128 To 320, Add* | *0.26* | |
| | | *For >1,536, Deduct* | *-0.11* | |
| | | *For Foil Back Board, Add* | *0.10* | |
| 09 29 10 00-0006 | SF | 5/8" Gypsum Board | 1.55 | 0.51 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.24* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.35* | |
| | | *For Horizontal Installation >10' High, Add* | *0.51* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.51* | |
| | | *For >128 To 320, Add* | *0.31* | |
| | | *For >1,536, Deduct* | *-0.13* | |
| | | *For Foil Back Board, Add* | *0.10* | |

09 29 10 00-0007 Fire Rated Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0008 Type X, Fire Rated Gypsum Board *(09 29 10 00-0007)*

| | | | | |
|---|---|---|---|---|
| 09 29 10 00-0009 | SF | 5/8" Type X Fire Rated Gypsum Board | 1.64 | 0.51 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.26* | |
| | | *For Adhesive Applied Sheets, Add* | *0.12* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.38* | |
| | | *For Horizontal Installation >10' High, Add* | *0.56* | |
| | | *For Walls >10' High, Add* | *0.09* | |
| | | *For Up To 128, Add* | *0.55* | |
| | | *For >128 To 320, Add* | *0.33* | |
| | | *For >1,536, Deduct* | *-0.13* | |
| | | *For Foil Back Board, Add* | *0.10* | |

09 29 10 00-0010 Type C, Fire Rated Gypsum Board *(09 29 10 00-0007)*

| | | | | |
|---|---|---|---|---|
| 09 29 10 00-0011 | SF | 1/2" Type C Fire Rated Gypsum Board | 1.52 | 0.44 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.23* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.33* | |
| | | *For Horizontal Installation >10' High, Add* | *0.49* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.50* | |
| | | *For >128 To 320, Add* | *0.30* | |
| | | *For >1,536, Deduct* | *-0.13* | |
| | | *For Foil Back Board, Add* | *0.10* | |
| 09 29 10 00-0012 | SF | 5/8" Type C Fire Rated Gypsum Board | 1.70 | 0.51 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.26* | |
| | | *For Adhesive Applied Sheets, Add* | *0.12* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.38* | |
| | | *For Horizontal Installation >10' High, Add* | *0.56* | |
| | | *For Walls >10' High, Add* | *0.09* | |
| | | *For Up To 128, Add* | *0.56* | |
| | | *For >128 To 320, Add* | *0.34* | |
| | | *For >1,536, Deduct* | *-0.14* | |
| | | *For Foil Back Board, Add* | *0.10* | |

09 29 10 00-0013 Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 10 00-0007)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 29 10 00-0014 | SF | 3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®) | 2.42 | 0.51 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.27* | |
| | | *For Adhesive Applied Sheets, Add* | *0.12* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.38* | |
| | | *For Horizontal Installation >10' High, Add* | *0.56* | |
| | | *For Walls >10' High, Add* | *0.09* | |
| | | *For Up To 128, Add* | *0.71* | |
| | | *For >128 To 320, Add* | *0.41* | |
| | | *For >1,536, Deduct* | *-0.25* | |
| 09 29 10 00-0015 | | Moisture Resistant Gypsum Board Application *(09 29 10 00-0001)* | | |
| | | Note: Water-resistant gypsum core. | | |
| 09 29 10 00-0016 | SF | 1/2" Moisture Resistant Gypsum Board | 1.45 | 0.44 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.21* | |
| | | *For Adhesive Applied Sheets, Add* | *0.10* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.30* | |
| | | *For Horizontal Installation >10' High, Add* | *0.45* | |
| | | *For Walls >10' High, Add* | *0.07* | |
| | | *For Up To 128, Add* | *0.47* | |
| | | *For >128 To 320, Add* | *0.28* | |
| | | *For >1,536, Deduct* | *-0.13* | |
| 09 29 10 00-0017 | SF | 5/8" Moisture Resistant Gypsum Board | 1.91 | 0.44 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.24* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.35* | |
| | | *For Horizontal Installation >10' High, Add* | *0.51* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.59* | |
| | | *For >128 To 320, Add* | *0.34* | |
| | | *For >1,536, Deduct* | *-0.18* | |
| 09 29 10 00-0018 | | Vinyl Faced Gypsum Board Application *(09 29 10 00-0001)* | | |
| | | Note: Includes clips and adhesive. | | |
| 09 29 10 00-0019 | SF | 3/8" Prefinished, Vinyl Faced Gypsum Board | 3.04 | 0.34 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.20* | |
| | | *For Adhesive Applied Sheets, Add* | *0.10* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.27* | |
| | | *For Horizontal Installation >10' High, Add* | *0.39* | |
| | | *For Walls >10' High, Add* | *0.06* | |
| | | *For Up To 128, Add* | *0.76* | |
| | | *For >128 To 320, Add* | *0.42* | |
| | | *For >1,536, Deduct* | *-0.38* | |
| 09 29 10 00-0020 | SF | 1/2" Prefinished, Vinyl Faced Gypsum Board | 3.15 | 0.44 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.23* | |
| | | *For Adhesive Applied Sheets, Add* | *0.10* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.30* | |
| | | *For Horizontal Installation >10' High, Add* | *0.45* | |
| | | *For Walls >10' High, Add* | *0.07* | |
| | | *For Up To 128, Add* | *0.81* | |
| | | *For >128 To 320, Add* | *0.45* | |
| | | *For >1,536, Deduct* | *-0.38* | |
| 09 29 10 00-0021 | SF | 5/8" Prefinished, Vinyl Faced Gypsum Board | 3.28 | 0.51 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.26* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.35* | |
| | | *For Horizontal Installation >10' High, Add* | *0.51* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.86* | |
| | | *For >128 To 320, Add* | *0.48* | |
| | | *For >1,536, Deduct* | *-0.39* | |
| 09 29 10 00-0022 | SF | 1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board | 3.64 | 0.44 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.25* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.33* | |
| | | *For Horizontal Installation >10' High, Add* | *0.49* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.92* | |
| | | *For >128 To 320, Add* | *0.51* | |
| | | *For >1,536, Deduct* | *-0.45* | |
| 09 29 10 00-0023 | SF | 5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board | 5.60 | 0.51 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.30* | |
| | | *For Adhesive Applied Sheets, Add* | *0.12* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.38* | |
| | | *For Horizontal Installation >10' High, Add* | *0.56* | |
| | | *For Walls >10' High, Add* | *0.09* | |
| | | *For Up To 128, Add* | *1.34* | |
| | | *For >128 To 320, Add* | *0.73* | |
| | | *For >1,536, Deduct* | *-0.73* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 29 10 00-0024 | | Moisture And Mold Resistant Gypsum Board Application *(09 29 10 00-0001)* | | |
| 09 29 10 00-0025 | SF | 1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™) | 1.73 | 0.43 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.21* | |
| | | *For Adhesive Applied Sheets, Add* | *0.10* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Non-reinforced Board, Deduct* | *-0.08* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.30* | |
| | | *For Horizontal Installation >10' High, Add* | *0.45* | |
| | | *For Walls >10' High, Add* | *0.07* | |
| | | *For Up To 128, Add* | *0.52* | |
| | | *For >128 To 320, Add* | *0.31* | |
| | | *For >1,536, Deduct* | *-0.17* | |
| 09 29 10 00-0026 | SF | 5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™) | 2.05 | 0.49 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.24* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Non-reinforced Board, Deduct* | *-0.08* | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.35* | |
| | | *For Horizontal Installation >10' High, Add* | *0.51* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.61* | |
| | | *For >128 To 320, Add* | *0.36* | |
| | | *For >1,536, Deduct* | *-0.21* | |
| 09 29 10 00-0027 | SF | 1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™) | 2.07 | 0.43 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.24* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.33* | |
| | | *For Horizontal Installation >10' High, Add* | *0.49* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.61* | |
| | | *For >128 To 320, Add* | *0.35* | |
| | | *For >1,536, Deduct* | *-0.21* | |
| 09 29 10 00-0028 | SF | 5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™) | 2.30 | 0.49 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.27* | |
| | | *For Adhesive Applied Sheets, Add* | *0.12* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.38* | |
| | | *For Horizontal Installation >10' High, Add* | *0.56* | |
| | | *For Walls >10' High, Add* | *0.09* | |
| | | *For Up To 128, Add* | *0.68* | |
| | | *For >128 To 320, Add* | *0.40* | |
| | | *For >1,536, Deduct* | *-0.23* | |
| 09 29 10 00-0029 | | Impact Resistant Gypsum Board *(09 29 10 00-0001)* Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant | | |
| 09 29 10 00-0030 | SF | 5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®) | 3.34 | 0.49 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.26* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.34* | |
| | | *For Horizontal Installation >10' High, Add* | *0.51* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.87* | |
| | | *For >128 To 320, Add* | *0.49* | |
| | | *For >1,536, Deduct* | *-0.40* | |
| 09 29 10 00-0031 | | Abuse Resistant Gypsum Board *(09 29 10 00-0001)* Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant | | |
| 09 29 10 00-0032 | SF | 5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®) | 2.11 | 0.49 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.24* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.34* | |
| | | *For Horizontal Installation >10' High, Add* | *0.51* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *0.62* | |
| | | *For >128 To 320, Add* | *0.36* | |
| | | *For >1,536, Deduct* | *-0.22* | |
| 09 29 10 00-0033 | | Noise Reducing Gypsum Board *(09 29 10 00-0001)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 29 10 00-0034 | SF | 1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak) | 4.36 | 0.51 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.27* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.35* | |
| | | *For Horizontal Installation >10' High, Add* | *0.52* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *1.08* | |
| | | *For >128 To 320, Add* | *0.59* | |
| | | *For >1,536, Deduct* | *-0.55* | |
| 09 29 10 00-0035 | SF | 5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak) | 5.33 | 0.51 |
| | | *For Curved Surfaces With A 2'-0" Maximum Radius, Add* | *0.28* | |
| | | *For Adhesive Applied Sheets, Add* | *0.11* | |
| | | *Note: Includes bracing until adhesive is bonded* | | |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.35* | |
| | | *For Horizontal Installation >10' High, Add* | *0.52* | |
| | | *For Walls >10' High, Add* | *0.08* | |
| | | *For Up To 128, Add* | *1.27* | |
| | | *For >128 To 320, Add* | *0.69* | |
| | | *For >1,536, Deduct* | *-0.70* | |

## 09 29 10 00-0036 Finishing Gypsum Board Applications *(09 29 10)*

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

## 09 29 10 00-0037 Finish Gypsum Board Walls, ASTM C840 Level 4 *(09 29 10 00-0036)*

| | | | | |
|---|---|---|---|---|
| 09 29 10 00-0038 | SF | Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board | 0.47 | |
| | | *For Up To 128, Add* | *0.18* | |
| | | *For >128 To 320, Add* | *0.11* | |
| | | *For >5,400, Deduct* | *-0.05* | |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.22* | |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.11* | |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.04* | |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.34* | |
| | | *For Spray Applied Textured Or Orange Peel Finish, Add* | *0.34* | |
| 09 29 10 00-0039 | SF | >10' High, Walls, Tape, Spackle And Finish Gypsum Board | 0.62 | |
| | | Note: Use this task for the entire wall area when the wall is >10' high. | | |
| | | *For Up To 128, Add* | *0.24* | |
| | | *For >128 To 320, Add* | *0.15* | |
| | | *For >5,400, Deduct* | *-0.06* | |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.29* | |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.15* | |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.06* | |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.46* | |
| | | *For Spray Applied Textured Or Orange Peel Finish, Add* | *0.46* | |

## 09 29 10 00-0040 Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 10 00-0036)*

| | | | | |
|---|---|---|---|---|
| 09 29 10 00-0041 | SF | Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board | 0.61 | |
| | | *For Up To 128, Add* | *0.23* | |
| | | *For >128 To 320, Add* | *0.14* | |
| | | *For >5,400, Deduct* | *-0.06* | |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.29* | |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.14* | |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.06* | |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.45* | |
| | | *For Spray Applied Textured Or Orange Peel Finish, Add* | *0.45* | |
| 09 29 10 00-0042 | SF | >10' High, Ceilings, Tape, Spackle And Finish Gypsum Board | 0.81 | |
| | | Note: Use this task for the entire wall area when the wall is >10' high. | | |
| | | *For Up To 128, Add* | *0.31* | |
| | | *For >128 To 320, Add* | *0.19* | |
| | | *For >5,400, Deduct* | *-0.08* | |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.39* | |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.19* | |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.08* | |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.60* | |
| | | *For Spray Applied Textured Or Orange Peel Finish, Add* | *0.60* | |

## 09 29 10 00-0043 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 *(09 29 10 00-0036)*

Note: Inside or outside gypsum board corners.

| | | | | |
|---|---|---|---|---|
| 09 29 10 00-0044 | LF | Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board | 0.95 | |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.43* | |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.22* | |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.09* | |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 29 10 00-0045 | LF | >10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board<br>Note: Use this task for the entire wall area when the wall is >10' high. | 1.12 | |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.52* | |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.26* | |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.10* | |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.82* | |
| **09 29 10 00-0046** | | **Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4** *(09 29 10 00-0036)*<br>Note: Inside or outside gypsum board corners. | | |
| 09 29 10 00-0047 | LF | Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board | 1.09 | |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.50* | |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.25* | |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.10* | |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.80* | |
| 09 29 10 00-0048 | LF | >10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board<br>Note: Use this task for the entire wall area when the wall is >10' high. | 1.30 | |
| | | *For ASTM C840 Level 1 Finish, Deduct* | *-0.61* | |
| | | *For ASTM C840 Level 2 Finish, Deduct* | *-0.30* | |
| | | *For ASTM C840 Level 3 Finish, Deduct* | *-0.12* | |
| | | *For ASTM C840 Level 5 High Quality Finish, Add* | *0.95* | |
| **09 29 10 00-0049** | | **Casing And Corner Beads** *(09 29 10)* | | |
| 09 29 10 00-0050 | LF | Casing, Galvanized Steel J-Bead For Gypsum Board | 3.37 | 0.86 |
| | | *For Up To 100, Add* | *0.28* | |
| | | *For >500, Deduct* | *-0.17* | |
| 09 29 10 00-0051 | LF | Corner Bead, Galvanized Steel For Gypsum Board | 3.13 | 0.86 |
| | | *For Up To 100, Add* | *0.23* | |
| | | *For >500, Deduct* | *-0.16* | |
| **09 29 10 00-0052** | | **Preformed Architectural Profiles** *(09 29 10)* | | |
| **09 29 10 00-0053** | | **Trim Reveals For Gypsum Board** *(09 29 10 00-0052)* | | |
| 09 29 10 00-0054 | LF | 1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.02 | 1.03 |
| 09 29 10 00-0055 | LF | 1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.05 | 1.03 |
| 09 29 10 00-0056 | LF | 3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.17 | 1.03 |
| 09 29 10 00-0057 | LF | 1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.23 | 1.03 |
| 09 29 10 00-0058 | LF | 5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.38 | 1.03 |
| 09 29 10 00-0059 | LF | 3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.53 | 1.03 |
| 09 29 10 00-0060 | LF | 1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.68 | 1.03 |
| 09 29 10 00-0061 | LF | 1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 5.15 | 1.03 |
| 09 29 10 00-0062 | LF | 2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 5.63 | 1.03 |
| 09 29 10 00-0063 | LF | 1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.13 | 1.12 |
| 09 29 10 00-0064 | LF | 1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.13 | 1.12 |
| 09 29 10 00-0065 | LF | 3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.46 | 1.12 |
| 09 29 10 00-0066 | LF | 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.52 | 1.12 |
| 09 29 10 00-0067 | LF | 5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.73 | 1.12 |
| 09 29 10 00-0068 | LF | 3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.82 | 1.12 |
| 09 29 10 00-0069 | LF | 1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 4.94 | 1.12 |
| 09 29 10 00-0070 | LF | 1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 5.47 | 1.12 |
| 09 29 10 00-0071 | LF | 2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 6.01 | 1.12 |
| 09 29 10 00-0072 | LF | 3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 8.20 | 1.29 |
| 09 29 10 00-0073 | LF | 4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board | 9.10 | 1.29 |
| **09 29 10 00-0074** | | **Edge Trim For Gypsum Board** *(09 29 10 00-0052)* | | |
| 09 29 10 00-0075 | LF | 1/2" Aluminum Extrusions, Edge Trim For Gypsum Board | 3.71 | 1.07 |
| 09 29 10 00-0076 | LF | 5/8" Aluminum Extrusions, Edge Trim For Gypsum Board | 3.95 | 1.07 |
| 09 29 10 00-0077 | LF | 1" Aluminum Extrusions, Edge Trim For Gypsum Board | 4.60 | 1.18 |
| 09 29 10 00-0078 | LF | 1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board | 4.83 | 1.29 |
| 09 29 10 00-0079 | LF | 1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board | 6.70 | 1.07 |
| 09 29 10 00-0080 | LF | 5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board | 6.94 | 1.07 |
| 09 29 10 00-0081 | LF | 1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board | 7.59 | 1.18 |
| 09 29 10 00-0082 | LF | 1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board | 7.82 | 1.29 |
| **09 29 10 00-0083** | | **Bevel Trim For Gypsum Board** *(09 29 10 00-0052)* | | |
| 09 29 10 00-0084 | LF | 5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board | 3.95 | 1.07 |
| 09 29 10 00-0085 | LF | 5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board | 4.51 | 1.18 |
| **09 29 10 00-0086** | | **Trim/Wainscot Caps For Gypsum Board** *(09 29 10 00-0052)* | | |
| 09 29 10 00-0087 | LF | 1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board | 5.34 | 1.29 |
| **09 29 10 00-0088** | | **Single Fin Wall/Trim Reveals For Gypsum Board** *(09 29 10 00-0052)* | | |
| 09 29 10 00-0089 | LF | 1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 3.77 | 0.69 |
| 09 29 10 00-0090 | LF | 1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 3.84 | 0.78 |
| 09 29 10 00-0091 | LF | 3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 4.43 | 0.86 |
| 09 29 10 00-0092 | LF | 1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 4.71 | 0.95 |
| 09 29 10 00-0093 | LF | 5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 4.97 | 1.03 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 29 10 00-0094 | LF | 3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 5.06 | 1.03 |
| 09 29 10 00-0095 | LF | 1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 5.33 | 1.03 |
| 09 29 10 00-0096 | LF | 1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 5.84 | 1.03 |
| 09 29 10 00-0097 | LF | 2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 6.02 | 1.03 |
| 09 29 10 00-0098 | LF | 1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 4.73 | 1.12 |
| 09 29 10 00-0099 | LF | 1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 4.79 | 1.12 |
| 09 29 10 00-0100 | LF | 3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 5.12 | 1.12 |
| 09 29 10 00-0101 | LF | 1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 5.26 | 1.12 |
| 09 29 10 00-0102 | LF | 5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 5.38 | 1.12 |
| 09 29 10 00-0103 | LF | 3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 5.53 | 1.12 |
| 09 29 10 00-0104 | LF | 1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 5.74 | 1.12 |
| 09 29 10 00-0105 | LF | 1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 6.28 | 1.12 |
| 09 29 10 00-0106 | LF | 2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 6.73 | 1.12 |
| 09 29 10 00-0107 | LF | 3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 8.17 | 1.12 |
| 09 29 10 00-0108 | LF | 4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board | 10.92 | 1.12 |
| 09 29 10 00-0109 | LF | 3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board | 7.63 | 1.12 |
| 09 29 10 00-0110 | LF | 3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board | 7.87 | 1.12 |
| 09 29 10 00-0111 | LF | 4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board | 8.68 | 1.12 |
| 09 29 10 00-0112 | LF | 4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board | 8.77 | 1.12 |
| 09 29 10 00-0113 | LF | 9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board | 9.94 | 1.12 |
| 09 29 10 00-0114 | LF | 5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board | 8.20 | 1.12 |
| **09 29 10 00-0115** | | **'V' Groove Wall Reveals For Gypsum Board** *(09 29 10 00-0052)* | | |
| 09 29 10 00-0116 | LF | 1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board | 5.92 | 1.54 |
| 09 29 10 00-0117 | LF | 3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board | 6.78 | 1.72 |
| 09 29 10 00-0118 | LF | 1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board | 7.72 | 2.06 |
| 09 29 10 00-0119 | LF | 9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board | 7.88 | 2.23 |
| **09 29 10 00-0120** | | **Double Fin Wall Reveals For Gypsum Board** *(09 29 10 00-0052)* | | |
| 09 29 10 00-0121 | LF | 3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.45 | 1.03 |
| 09 29 10 00-0122 | LF | 1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.51 | 1.03 |
| 09 29 10 00-0123 | LF | 1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.57 | 1.03 |
| 09 29 10 00-0124 | LF | 3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.57 | 1.03 |
| 09 29 10 00-0125 | LF | 1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.84 | 1.03 |
| 09 29 10 00-0126 | LF | 5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.96 | 1.02 |
| 09 29 10 00-0127 | LF | 3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 6.08 | 1.03 |
| 09 29 10 00-0128 | LF | 1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 6.35 | 1.03 |
| 09 29 10 00-0129 | LF | 1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 6.80 | 1.03 |
| 09 29 10 00-0130 | LF | 2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 7.28 | 1.03 |
| 09 29 10 00-0131 | LF | 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.77 | 1.12 |
| 09 29 10 00-0132 | LF | 1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.83 | 1.12 |
| 09 29 10 00-0133 | LF | 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 5.95 | 1.12 |
| 09 29 10 00-0134 | LF | 1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 6.22 | 1.12 |
| 09 29 10 00-0135 | LF | 5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 6.34 | 1.12 |
| 09 29 10 00-0136 | LF | 3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 6.43 | 1.12 |
| 09 29 10 00-0137 | LF | 1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 6.73 | 1.12 |
| 09 29 10 00-0138 | LF | 1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 7.21 | 1.12 |
| 09 29 10 00-0139 | LF | 2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 7.69 | 1.12 |
| 09 29 10 00-0140 | LF | 3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 8.98 | 1.12 |
| 09 29 10 00-0141 | LF | 4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 11.67 | 1.12 |
| 09 29 10 00-0142 | LF | 1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 10.53 | 1.22 |
| 09 29 10 00-0143 | LF | 3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 12.00 | 1.49 |
| 09 29 10 00-0144 | LF | 1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board | 12.39 | 1.49 |
| 09 29 10 00-0145 | LF | 1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board | 9.56 | 1.02 |
| 09 29 10 00-0146 | LF | 1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board | 8.98 | 1.49 |
| 09 29 10 00-0147 | LF | 1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board | 6.44 | 1.02 |
| **09 29 10 00-0148** | | **Special Conditions Reveals For Gypsum Board** *(09 29 10 00-0052)* | | |
| **09 29 10 00-0149** | | **Radius Conditions** *(09 29 10 00-0148)* | | |
| 09 29 10 00-0150 | EA | 8' Long Inside Radius For Gypsum Board<br>Note: Task used in conjunction with "Preformed Architectural Profiles" tasks. | 74.87 | |
| 09 29 10 00-0151 | EA | 8' Long Outside Radius For Gypsum Board<br>Note: Task used in conjunction with "Preformed Architectural Profiles" tasks. | 74.87 | |
| 09 29 10 00-0152 | EA | 8' Long Circular / Arched Radius For Gypsum Board<br>Note: Task used in conjunction with "Preformed Architectural Profiles" tasks. | 74.87 | |
| **09 29 10 00-0153** | | **Knee Brace Kit** *(09 29 10 00-0148)* | | |
| 09 29 10 00-0154 | EA | 46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board | 165.21 | 10.73 |
| **09 29 10 00-0155** | | **Wall Bumper Rail** *(09 29 10 00-0148)* | | |
| 09 29 10 00-0156 | LF | 2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board | 23.55 | 4.30 |
| **09 29 10 00-0157** | | **Corners For Gypsum Board** *(09 29 10 00-0052)* | | |
| 09 29 10 00-0158 | LF | 1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board | 5.06 | 1.03 |
| 09 29 10 00-0159 | LF | 5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board | 5.41 | 1.12 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 29 10 00-0160 | LF | 3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board | 5.98 | 1.17 |
| 09 29 10 00-0161 | LF | 1"R, Aluminum Extrusions, Outside Corner For Gypsum Board | 6.66 | 1.22 |
| 09 29 10 00-0162 | LF | 1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board | 8.08 | 1.49 |
| 09 29 10 00-0163 | LF | 2" R, Aluminum Extrusions, Outside Corner For Gypsum Board | 9.34 | 1.67 |
| 09 29 10 00-0164 | LF | 2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board | 11.32 | 1.92 |
| 09 29 10 00-0165 | LF | 3" R, Aluminum Extrusions, Outside Corner For Gypsum Board | 13.72 | 2.24 |
| 09 29 10 00-0166 | LF | 4" R, Aluminum Extrusions, Outside Corner For Gypsum Board | 18.84 | 2.99 |
| 09 29 10 00-0167 | LF | 90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board | 5.04 | 1.00 |
| 09 29 10 00-0168 | LF | 90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board | 9.15 | 1.34 |
| 09 29 10 00-0169 | LF | 90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board | 6.66 | 1.34 |
| 09 29 10 00-0170 | LF | 90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board | 11.78 | 1.34 |
| 09 29 10 00-0171 | LF | 45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board | 16.71 | 1.67 |
| 09 29 10 00-0172 | LF | 60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board | 16.05 | 1.67 |
| 09 29 10 00-0173 | LF | 3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board | 5.00 | 1.17 |
| 09 29 10 00-0174 | LF | 5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board | 5.03 | 1.12 |
| 09 29 10 00-0175 | LF | 1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board | 5.03 | 1.03 |
| 09 29 10 00-0176 | LF | 5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board | 5.29 | 1.12 |
| 09 29 10 00-0177 | LF | 1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board | 7.05 | 1.22 |
| 09 29 10 00-0178 | LF | 1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board | 6.20 | 1.03 |
| 09 29 10 00-0179 | LF | 5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board | 6.55 | 1.12 |
| 09 29 10 00-0180 | LF | 1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board | 9.51 | 1.22 |
| 09 29 10 00-0181 | LF | 1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board | 10.40 | 1.03 |
| 09 29 10 00-0182 | LF | 3" Aluminum Extrusions, Bullnose For Gypsum Board | 17.95 | 2.24 |
| 09 29 10 00-0183 | LF | 3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board | 19.14 | 2.24 |
| 09 29 10 00-0184 | LF | 5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board | 35.36 | 3.72 |
| 09 29 10 00-0185 | LF | 7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board | 58.48 | 5.28 |
| 09 29 10 00-0186 | LF | 3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board | 6.01 | 1.15 |
| 09 29 10 00-0187 | LF | 1" R, Aluminum Extrusions, Inside Corner For Gypsum Board | 6.84 | 1.20 |
| 09 29 10 00-0188 | LF | 1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board | 8.23 | 1.47 |
| 09 29 10 00-0189 | LF | 2"R, Aluminum Extrusions, Inside Corner For Gypsum Board | 10.06 | 1.65 |
| 09 29 10 00-0190 | LF | 2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board | 14.16 | 1.89 |
| 09 29 10 00-0191 | LF | 3"R, Aluminum Extrusions, Inside Corner For Gypsum Board | 15.34 | 2.21 |
| 09 29 10 00-0192 | LF | 4" R, Aluminum Extrusions, Inside Corner For Gypsum Board | 17.52 | 2.93 |
| 09 29 10 00-0193 | LF | 3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board | 11.21 | 2.21 |
| 09 29 10 00-0194 | LF | 3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board | 11.36 | 2.21 |
| 09 29 10 00-0195 | LF | 4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board | 12.32 | 2.21 |
| 09 29 10 00-0196 | LF | 5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board | 12.62 | 2.21 |

## 09 29 82 Gypsum Board Fire Protection *(09 29)*

### 09 29 82 00-0001 Shaft Wall *(09 29 82)*

See CSI section 09 29 10 00-0036 for finishing drywall.

| | | | | |
|---|---|---|---|---|
| 09 29 82 00-0002 | SF | 3/4" Fire Rated Shaft Wall Assembly<br>Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure. | 6.10 | 2.15 |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.46* | |
| | | *For Horizontal Installation >10' High, Add* | *2.15* | |
| | | *For Walls >10' High, Add* | *0.34* | |
| | | *For Up To 128, Add* | *2.08* | |
| | | *For >128 To 320, Add* | *1.26* | |
| | | *For >1,536, Deduct* | *-0.49* | |
| 09 29 82 00-0003 | SF | 7/8" Fire Rated Shaft Wall Assembly<br>Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure. | 7.00 | 2.57 |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.75* | |
| | | *For Horizontal Installation >10' High, Add* | *2.58* | |
| | | *For Walls >10' High, Add* | *0.41* | |
| | | *For Up To 128, Add* | *2.43* | |
| | | *For >128 To 320, Add* | *1.47* | |
| | | *For >1,536, Deduct* | *-0.53* | |
| 09 29 82 00-0004 | SF | 2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly<br>Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. | 6.28 | 1.65 |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.13* | |
| | | *For Horizontal Installation >10' High, Add* | *1.66* | |
| | | *For Walls >10' High, Add* | *0.26* | |
| | | *For Up To 128, Add* | *1.92* | |
| | | *For >128 To 320, Add* | *1.12* | |
| | | *For Glass Mat Surfaces, Add* | *0.30* | |
| 09 29 82 00-0005 | SF | 4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly<br>Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. | 6.77 | 1.74 |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.18* | |
| | | *For Horizontal Installation >10' High, Add* | *1.74* | |
| | | *For Walls >10' High, Add* | *0.28* | |
| | | *For Up To 128, Add* | *2.05* | |
| | | *For >128 To 320, Add* | *1.20* | |
| | | *For Glass Mat Surfaces, Add* | *0.30* | |
| 09 29 82 00-0006 | SF | 2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly<br>Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. | 7.62 | 1.74 |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.18* | |
| | | *For Horizontal Installation >10' High, Add* | *1.74* | |
| | | *For Walls >10' High, Add* | *0.28* | |
| | | *For Up To 128, Add* | *2.22* | |
| | | *For >128 To 320, Add* | *1.28* | |
| | | *For Glass Mat Surfaces, Add* | *0.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 29 82 00-0007 | SF | 4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly<br>Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. | 8.13 | 1.82 |
| | | *For Horizontal Installation Up To 10' High, Add* | *1.24* | |
| | | *For Horizontal Installation >10' High, Add* | *1.82* | |
| | | *For Walls >10' High, Add* | *0.29* | |
| | | *For Up To 128, Add* | *2.35* | |
| | | *For >128 To 320, Add* | *1.36* | |
| | | *For Glass Mat Surfaces, Add* | *0.30* | |

## 09 30 Tiling *(09)*

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.

### 09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

#### 09 30 13 00-0001 Ceramic Tiling *(09 30 13)*

| | | | | |
|---|---|---|---|---|
| 09 30 13 00-0002 | SF | 2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile<br>Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets. | 14.09 | 2.26 |
| | | *For Up To 50, Add* | *6.91* | |
| | | *For >50 To 250, Add* | *0.90* | |
| | | *For >1,000, Deduct* | *-0.45* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *0.99* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.15* | |
| 09 30 13 00-0003 | SF | Less Than 8" x 8", Mounted, Ceramic Floor Tile<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. | 12.32 | 2.26 |
| | | *For Up To 50, Add* | *6.46* | |
| | | *For >50 To 250, Add* | *0.90* | |
| | | *For >1,000, Deduct* | *-0.45* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *0.99* | |
| | | *For Heavy Duty Floors With A PEI 5 Rating, Add* | *1.00* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.15* | |
| 09 30 13 00-0004 | SF | 8" x 8" And Larger Unmounted Ceramic Floor Tile<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. | 13.45 | 1.41 |
| | | *For Up To 50, Add* | *7.59* | |
| | | *For >50 To 250, Add* | *1.13* | |
| | | *For >1,000, Deduct* | *-0.56* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.16* | |
| | | *For Heavy Duty Floors With A PEI 5 Rating, Add* | *1.00* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.32* | |
| 09 30 13 00-0005 | SF | 2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile<br>Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets. | 15.06 | 2.73 |
| | | *For Up To 50, Add* | *7.88* | |
| | | *For >50 To 250, Add* | *1.10* | |
| | | *For >1,000, Deduct* | *-0.55* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.13* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.29* | |
| 09 30 13 00-0006 | SF | Less than 8" x 8" Mounted Ceramic Wall Tile<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. | 13.29 | 2.73 |
| | | *For Up To 50, Add* | *7.43* | |
| | | *For >50 To 250, Add* | *1.10* | |
| | | *For >1,000, Deduct* | *-0.55* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.13* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.29* | |
| 09 30 13 00-0007 | SF | 8" x 8" And Larger Unmounted Ceramic Wall Tile<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. | 14.74 | 1.73 |
| | | *For Up To 50, Add* | *8.88* | |
| | | *For >50 To 250, Add* | *1.39* | |
| | | *For >1,000, Deduct* | *-0.69* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.35* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.51* | |
| 09 30 13 00-0008 | SF | Less than 8" x 8" Mounted Ceramic Ceiling Tile<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. | 17.30 | 4.74 |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.73* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.89* | |
| | | *For Up To 50, Add* | *11.44* | |
| | | *For >50 To 250, Add* | *1.90* | |
| | | *For >1,000, Deduct* | *-0.95* | |
| 09 30 13 00-0009 | SF | 8" x 8" And Larger Unmounted Ceramic Ceiling Tile<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. | 19.20 | 2.84 |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *2.02* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *2.18* | |
| | | *For Up To 50, Add* | *13.34* | |
| | | *For >50 To 250, Add* | *2.28* | |
| | | *For >1,000, Deduct* | *-1.14* | |
| 09 30 13 00-0010 | LF | 4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. | 9.83 | 1.97 |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.35* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.42* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 30 13 00-0011 | LF | 6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio) | 16.36 | 1.97 |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.35* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.42* | |
| 09 30 13 00-0012 | LF | 6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio) | 18.65 | 1.97 |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.35* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.42* | |
| 09 30 13 00-0013 | EA | 6" High, Unpolished Ceramic Cove Base Outer Corner | 15.89 | 0.43 |

### 09 30 13 00-0014 Residential Ceramic Tiling *(09 30 13)*

| | | | | |
|---|---|---|---|---|
| 09 30 13 00-0015 | SF | Mounted Ceramic Floor Tile, Residential Grade<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. | 9.43 | 2.26 |
| | | *For Up To 50, Add* | *5.74* | |
| | | *For >50 To 250, Add* | *0.90* | |
| | | *For >1,000, Deduct* | *-0.45* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *0.99* | |
| 09 30 13 00-0016 | SF | Mounted Ceramic Wall Tile, Residential Grade<br>Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. | 10.40 | 2.73 |
| | | *For Up To 50, Add* | *6.71* | |
| | | *For >50 To 250, Add* | *1.10* | |
| | | *For >1,000, Deduct* | *-0.55* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.13* | |
| 09 30 13 00-0017 | SF | 2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade<br>Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets. | 9.64 | 2.26 |
| | | *For Up To 50, Add* | *5.79* | |
| | | *For >50 To 250, Add* | *0.90* | |
| | | *For >1,000, Deduct* | *-0.45* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *0.99* | |

## 09 30 16 Quarry Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

| | | | | |
|---|---|---|---|---|
| 09 30 16 00-0001 | SF | Unglazed Quarry Floor Tile<br>Note: With or without embedded abrasive grit. | 9.33 | 1.59 |
| | | *For Up To 50, Add* | *7.07* | |
| | | *For >50 To 250, Add* | *1.26* | |
| | | *For >1,000, Deduct* | *-0.63* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.26* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.42* | |
| 09 30 16 00-0002 | SF | Glazed Quarry Floor Tile | 18.51 | 1.59 |
| | | *For Up To 50, Add* | *9.37* | |
| | | *For >50 To 250, Add* | *1.26* | |
| | | *For >1,000, Deduct* | *-0.63* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.26* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.42* | |
| 09 30 16 00-0003 | SF | Unglazed Quarry Wall Tile<br>Note: With or without embedded abrasive grit. | 10.60 | 1.88 |
| | | *For Up To 50, Add* | *8.34* | |
| | | *For >50 To 250, Add* | *1.52* | |
| | | *For >1,000, Deduct* | *-0.76* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.45* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.61* | |
| 09 30 16 00-0004 | SF | Glazed Quarry Wall Tile | 19.78 | 1.88 |
| | | *For Up To 50, Add* | *10.64* | |
| | | *For >50 To 250, Add* | *1.52* | |
| | | *For >1,000, Deduct* | *-0.76* | |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.45* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.61* | |
| 09 30 16 00-0005 | LF | 6" High Unglazed Quarry Tile Cove Base Or Trim | 13.00 | 2.09 |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.41* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.48* | |
| 09 30 16 00-0006 | LF | 6" High Glazed Quarry Tile Cove Base Or Trim | 28.06 | 2.09 |
| | | *For High-Modulus, High-Strength Epoxy Grout, Add* | *1.41* | |
| | | *For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add* | *1.48* | |

## 09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

### 09 31 13 Thin-Set Ceramic Tiling *(09 31)*

### 09 31 13 00-0001 Thin-Set Ceramic Tiling *(09 31 13)*

| | | | | |
|---|---|---|---|---|
| 09 31 13 00-0002 | SF | Thin Set - Latex Portland Cement Mortar | 1.47 | 0.75 |
| | | *For Up To 50, Add* | *1.22* | |
| | | *For >50 To 250, Add* | *0.23* | |
| | | *For >1,000, Deduct* | *-0.11* | |
| 09 31 13 00-0003 | SF | Clean And Scarify Existing Tile For Installation Of New Tile Over Existing | 0.72 | |
| | | *For Up To 50, Add* | *0.72* | |
| | | *For >50 To 250, Add* | *0.14* | |
| | | *For >1,000, Deduct* | *-0.07* | |

## 09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **09 32 13** | | **Mortar-Bed Ceramic Tiling** *(09 32)* | | |
| 09 32 13 00-0001 | | Mortar-Bed Ceramic Tiling *(09 32 13)* | | |
| 09 32 13 00-0002 | SF | 3/4" Minimum Thickness Portland Cement Mortar Setting Bed | 3.63 | 1.51 |
| | | Note: For residential floors. Includes 15 LB felt and wire reinforcement. | | |
| | | *For Up To 50, Add* | *2.60* | |
| | | *For >50 To 250, Add* | *0.45* | |
| | | *For >1,000, Deduct* | *-0.23* | |
| | | *For Exterior Installation (Galvanized Reinforcement), Add* | *0.15* | |
| 09 32 13 00-0003 | SF | 1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed | 5.16 | 2.01 |
| | | Note: For commercial floors. Includes 15 LB felt and wire reinforcement. | | |
| | | *For Up To 50, Add* | *3.55* | |
| | | *For >50 To 250, Add* | *0.60* | |
| | | *For >1,000, Deduct* | *-0.30* | |
| | | *For Exterior Installation (Galvanized Reinforcement), Add* | *0.15* | |
| 09 32 13 00-0004 | SF | 3/4" Portland Cement Plaster Scratch Coat for Walls | 11.04 | 4.51 |
| | | Note: Includes 15 LB felt and expanded metal lath. | | |
| | | *For Up To 50, Add* | *9.53* | |
| | | *For >50 To 250, Add* | *1.81* | |
| | | *For >1,000, Deduct* | *-0.90* | |
| | | *For Exterior Installation (Galvanized Reinforcement), Add* | *0.15* | |
| | | *For Installation Without Felt And Metal Lath, Deduct* | *-1.87* | |

## 09 34 Waterproofing-Membrane Tiling *(09 30)*

### 09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

### 09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

| | | | |
|---|---|---|---|
| 09 34 00 00-0003 | EA | 48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC) | 1,164.39 |
| 09 34 00 00-0004 | EA | 32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC) | 1,359.92 |
| 09 34 00 00-0005 | EA | 72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC) | 2,029.41 |

### 09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

| | | | |
|---|---|---|---|
| 09 34 00 00-0007 | EA | 15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122) | 141.06 |
| 09 34 00 00-0008 | EA | 4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122) | 135.89 |

### 09 34 00 00-0009 Prefabricated Polystyrene Shower Benches *(09 34 00 00-0001)*

Note: Prefabricated shower bench for tiling over. Excludes tile.

| | | | |
|---|---|---|---|
| 09 34 00 00-0010 | EA | 16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41) | 301.65 |
| 09 34 00 00-0011 | EA | 32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181) | 610.58 |
| 09 34 00 00-0012 | EA | 48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122) | 754.74 |
| 09 34 00 00-0013 | EA | 32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981) | 548.79 |
| 09 34 00 00-0014 | EA | 42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107) | 610.58 |
| 09 34 00 00-0015 | EA | 48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122) | 651.76 |

### 09 34 00 00-0016 Prefabricated Polystyrene Shower Tray *(09 34 00 00-0001)*

Note: Prefabricated shower tray for tiling over. Excludes tile.

| | | | |
|---|---|---|---|
| 09 34 00 00-0017 | EA | 32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152) | 254.33 |
| 09 34 00 00-0018 | EA | 48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122) | 254.33 |
| 09 34 00 00-0019 | EA | 72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183) | 398.49 |

### 09 34 00 00-0020 Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) *(09 34 00 00-0001)*

| | | | |
|---|---|---|---|
| 09 34 00 00-0021 | SF | 1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA) | 4.33 |
| 09 34 00 00-0022 | SF | 5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL) | 5.04 |

### 09 34 00 00-0023 Bonded Waterproof Underlayment Membranes (Schluter® KERDI) *(09 34 00 00-0001)*

| | | | |
|---|---|---|---|
| 09 34 00 00-0024 | SF | 0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M) | 3.77 |

## 09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

**09 35 13 Chemical-Resistant Ceramic Tiling** *(09 35)*

09 35 13 00-0001 Chemical-Resistant Ceramic Tiling *(09 35 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 35 13 00-0002 | SF | Thin Set - Epoxy Mortar | 4.97 | 0.99 |
| | | Note: Impact and chemical resistant. | | |
| | | *For Up To 50, Add* | *2.38* | |
| | | *For >50 To 250, Add* | *0.30* | |
| | | *For >1,000, Deduct* | *-0.15* | |

## 09 39 Tiling Transitions *(09 30)*

### 09 39 00 00-0001 Tile Substrate (Schluter® KERDI BOARD) *(09 39)*

| | | | | |
|---|---|---|---|---|
| 09 39 00 00-0002 | SF | 1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD) | 7.91 | 0.61 |
| 09 39 00 00-0003 | SF | 5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD) | 8.91 | 0.69 |

### 09 39 00 00-0004 Floor Edge Protection And Transition Profiles For Tile *(09 39)*

| | | | | |
|---|---|---|---|---|
| 09 39 00 00-0005 | LF | 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) | 3.24 | |
| 09 39 00 00-0006 | LF | 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) | 3.34 | |
| 09 39 00 00-0007 | LF | 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) | 3.46 | |
| 09 39 00 00-0008 | LF | 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) | 3.65 | |
| 09 39 00 00-0009 | LF | 1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) | 4.41 | |
| 09 39 00 00-0010 | LF | 5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) | 4.55 | |
| 09 39 00 00-0011 | LF | 3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) | 4.66 | |
| 09 39 00 00-0012 | LF | 1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) | 4.78 | |
| 09 39 00 00-0013 | LF | 9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T) | 3.41 | |
| 09 39 00 00-0014 | LF | 1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T) | 4.78 | |
| 09 39 00 00-0015 | LF | 1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) | 4.43 | |
| 09 39 00 00-0016 | LF | 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) | 4.67 | |
| 09 39 00 00-0017 | LF | 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) | 4.92 | |
| 09 39 00 00-0018 | LF | 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) | 6.01 | |
| 09 39 00 00-0019 | LF | 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) | 4.59 | |
| 09 39 00 00-0020 | LF | 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) | 4.84 | |
| 09 39 00 00-0021 | LF | 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) | 5.94 | |

### 09 39 00 00-0022 Outside Wall Edge Protection And Transition Profiles For Tile *(09 39)*

| | | | | |
|---|---|---|---|---|
| 09 39 00 00-0023 | LF | 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) | 4.57 | |
| 09 39 00 00-0024 | LF | 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) | 4.82 | |
| 09 39 00 00-0025 | LF | 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) | 5.20 | |
| 09 39 00 00-0026 | LF | 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) | 5.59 | |
| 09 39 00 00-0027 | LF | 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) | 5.09 | |
| 09 39 00 00-0028 | LF | 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) | 5.58 | |
| 09 39 00 00-0029 | LF | 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) | 6.06 | |
| 09 39 00 00-0030 | LF | 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) | 6.92 | |

## 09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

## 09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

### 09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

### 09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

### 09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 09 51 13 00-0003 | SF | 2' x 2' x 3/4" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3150) | 6.68 | 0.34 |
| | | *For Up To 50, Add* | *1.45* | |
| | | *For >50 To 200, Add* | *0.89* | |
| | | *For >200 To 500, Add* | *0.39* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.17* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.33* | |
| | | *For >5,000, Deduct* | *-0.53* | |
| | | *For Individual Room Quantities <495, Add* | *0.89* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0004 | SF | 2' x 4' x 3/4" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3151) | 6.93 | 0.34 |
| | | *For Up To 50, Add* | *1.49* | |
| | | *For >50 To 200, Add* | *0.92* | |
| | | *For >200 To 500, Add* | *0.40* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.17* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.35* | |
| | | *For >5,000, Deduct* | *-0.55* | |
| | | *For Individual Room Quantities <495, Add* | *0.92* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 13 00-0005 | SF | 2' x 2' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3152) | 7.47 | 0.43 |
| | | *For Up To 50, Add* | *1.60* | |
| | | *For >50 To 200, Add* | *0.99* | |
| | | *For >200 To 500, Add* | *0.43* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.19* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.37* | |
| | | *For >5,000, Deduct* | *-0.59* | |
| | | *For Individual Room Quantities <495, Add* | *0.99* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.09* | |
| 09 51 13 00-0006 | SF | 2' x 4' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3153) | 7.43 | 0.43 |
| | | *For Up To 50, Add* | *1.59* | |
| | | *For >50 To 200, Add* | *0.98* | |
| | | *For >200 To 500, Add* | *0.43* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.19* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.37* | |
| | | *For >5,000, Deduct* | *-0.59* | |
| | | *For Individual Room Quantities <495, Add* | *0.98* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.09* | |
| 09 51 13 00-0007 | SF | 2' x 2' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™ 8372) | 12.10 | 0.43 |
| | | *For Up To 50, Add* | *2.30* | |
| | | *For >50 To 200, Add* | *1.45* | |
| | | *For >200 To 500, Add* | *0.67* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.30* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.61* | |
| | | *For >5,000, Deduct* | *-0.94* | |
| | | *For Individual Room Quantities <495, Add* | *1.45* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.09* | |
| 09 51 13 00-0008 | SF | 2' x 4' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™ 8373) | 12.10 | 0.43 |
| | | *For Up To 50, Add* | *2.30* | |
| | | *For >50 To 200, Add* | *1.45* | |
| | | *For >200 To 500, Add* | *0.67* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.30* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.61* | |
| | | *For >5,000, Deduct* | *-0.94* | |
| | | *For Individual Room Quantities <495, Add* | *1.45* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.09* | |

09 51 13 00-0009 Mineral Fiber Panels *(09 51 13)*

09 51 13 00-0010 Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0009)*

Note: Includes square or tegular edge and class A fire rating.

| | | | | |
|---|---|---|---|---|
| 09 51 13 00-0011 | SF | 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured) | 2.39 | 0.34 |
| | | *For Up To 50, Add* | *0.81* | |
| | | *For >50 To 200, Add* | *0.46* | |
| | | *For >200 To 500, Add* | *0.18* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.06* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.12* | |
| | | *For >5,000, Deduct* | *-0.21* | |
| | | *For Individual Room Quantities <495, Add* | *0.46* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0012 | SF | 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured) | 2.19 | 0.34 |
| | | *For Up To 50, Add* | *0.78* | |
| | | *For >50 To 200, Add* | *0.44* | |
| | | *For >200 To 500, Add* | *0.17* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.05* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000, Deduct* | *-0.19* | |
| | | *For Individual Room Quantities <495, Add* | *0.44* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0013 | SF | 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™) | 2.71 | 0.34 |
| | | *For Up To 50, Add* | *0.85* | |
| | | *For >50 To 200, Add* | *0.50* | |
| | | *For >200 To 500, Add* | *0.19* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.07* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.14* | |
| | | *For >5,000, Deduct* | *-0.23* | |
| | | *For Individual Room Quantities <495, Add* | *0.50* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 13 00-0014 | SF | 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™) | 2.61 | 0.34 |
| | | *For Up To 50, Add* | *0.84* | |
| | | *For >50 To 200, Add* | *0.49* | |
| | | *For >200 To 500, Add* | *0.19* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.07* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.13* | |
| | | *For >5,000, Deduct* | *-0.22* | |
| | | *For Individual Room Quantities <495, Add* | *0.49* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0015 | SF | 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune) | 4.18 | 0.34 |
| | | *For Up To 50, Add* | *1.08* | |
| | | *For >50 To 200, Add* | *0.64* | |
| | | *For >200 To 500, Add* | *0.27* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.10* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.21* | |
| | | *For >5,000, Deduct* | *-0.34* | |
| | | *For Individual Room Quantities <495, Add* | *0.64* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0016 | SF | 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune) | 3.27 | 0.34 |
| | | *For Up To 50, Add* | *0.94* | |
| | | *For >50 To 200, Add* | *0.55* | |
| | | *For >200 To 500, Add* | *0.22* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.08* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.16* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| | | *For Individual Room Quantities <495, Add* | *0.55* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0017 | SF | 2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured) | 3.51 | 0.34 |
| | | *For Up To 50, Add* | *0.97* | |
| | | *For >50 To 200, Add* | *0.58* | |
| | | *For >200 To 500, Add* | *0.23* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.09* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.18* | |
| | | *For >5,000, Deduct* | *-0.29* | |
| | | *For Individual Room Quantities <495, Add* | *0.58* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0018 | SF | 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured) | 3.08 | 0.34 |
| | | *For Up To 50, Add* | *0.91* | |
| | | *For >50 To 200, Add* | *0.53* | |
| | | *For >200 To 500, Add* | *0.21* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.08* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.15* | |
| | | *For >5,000, Deduct* | *-0.26* | |
| | | *For Individual Room Quantities <495, Add* | *0.53* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0019 | SF | 2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®) | 4.59 | 0.34 |
| | | *For Up To 50, Add* | *1.14* | |
| | | *For >50 To 200, Add* | *0.68* | |
| | | *For >200 To 500, Add* | *0.29* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.11* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.23* | |
| | | *For >5,000, Deduct* | *-0.37* | |
| | | *For Individual Room Quantities <495, Add* | *0.68* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0020 | SF | 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®) | 4.58 | 0.34 |
| | | *For Up To 50, Add* | *1.14* | |
| | | *For >50 To 200, Add* | *0.68* | |
| | | *For >200 To 500, Add* | *0.29* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.11* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.23* | |
| | | *For >5,000, Deduct* | *-0.37* | |
| | | *For Individual Room Quantities <495, Add* | *0.68* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0021 | SF | 2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability) | 6.23 | 0.34 |
| | | *For Up To 50, Add* | *1.38* | |
| | | *For >50 To 200, Add* | *0.85* | |
| | | *For >200 To 500, Add* | *0.37* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.16* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.31* | |
| | | *For >5,000, Deduct* | *-0.50* | |
| | | *For Individual Room Quantities <495, Add* | *0.85* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 13 00-0022 | SF | 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability) | 6.86 | 0.34 |
| | | *For Up To 50, Add* | *1.48* | |
| | | *For >50 To 200, Add* | *0.91* | |
| | | *For >200 To 500, Add* | *0.40* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.17* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.34* | |
| | | *For >5,000, Deduct* | *-0.54* | |
| | | *For Individual Room Quantities <495, Add* | *0.91* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0023 | SF | 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated) | 5.95 | 0.34 |
| | | *For Up To 50, Add* | *1.34* | |
| | | *For >50 To 200, Add* | *0.82* | |
| | | *For >200 To 500, Add* | *0.35* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.15* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.30* | |
| | | *For >5,000, Deduct* | *-0.47* | |
| | | *For Individual Room Quantities <495, Add* | *0.82* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0024 | SF | 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated) | 5.92 | 0.34 |
| | | *For Up To 50, Add* | *1.34* | |
| | | *For >50 To 200, Add* | *0.82* | |
| | | *For >200 To 500, Add* | *0.35* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.15* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.30* | |
| | | *For >5,000, Deduct* | *-0.47* | |
| | | *For Individual Room Quantities <495, Add* | *0.82* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Vertical Application, Add* | *0.50* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0025 | SF | 20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™2617) | 2.75 | 0.34 |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 51 13 00-0026 | SF | 20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™2627) | 3.08 | 0.34 |
| | | *For Ceilings >10' High, Add* | *0.08* | |

## 09 51 13 00-0027 Wood Fiber Panels *(09 51 13)*

| | | | | |
|---|---|---|---|---|
| 09 51 13 00-0028 | SF | 2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels | 4.68 | 0.51 |
| | | *For Up To 50, Add* | *1.31* | |
| | | *For >50 To 200, Add* | *0.77* | |
| | | *For >200 To 500, Add* | *0.31* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.12* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.23* | |
| | | *For >5,000, Deduct* | *-0.39* | |
| | | *For Individual Room Quantities <495, Add* | *0.77* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.11* | |
| 09 51 13 00-0029 | SF | 2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels | 4.52 | 0.51 |
| | | *For Up To 50, Add* | *1.23* | |
| | | *For >50 To 200, Add* | *0.73* | |
| | | *For >200 To 500, Add* | *0.29* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.11* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.23* | |
| | | *For >5,000, Deduct* | *-0.37* | |
| | | *For Individual Room Quantities <495, Add* | *0.73* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 13 00-0030 | SF | 2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels | 6.08 | 0.51 |
| | | *For Up To 50, Add* | *1.52* | |
| | | *For >50 To 200, Add* | *0.91* | |
| | | *For >200 To 500, Add* | *0.38* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.15* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.30* | |
| | | *For >5,000, Deduct* | *-0.49* | |
| | | *For Individual Room Quantities <495, Add* | *0.91* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.11* | |
| 09 51 13 00-0031 | SF | 2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels | 5.92 | 0.51 |
| | | *For Up To 50, Add* | *1.44* | |
| | | *For >50 To 200, Add* | *0.87* | |
| | | *For >200 To 500, Add* | *0.36* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.15* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.30* | |
| | | *For >5,000, Deduct* | *-0.48* | |
| | | *For Individual Room Quantities <495, Add* | *0.87* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 13 00-0032 | SF | 2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels | 7.44 | 0.51 |
| | | *For Up To 50, Add* | *1.73* | |
| | | *For >50 To 200, Add* | *1.05* | |
| | | *For >200 To 500, Add* | *0.45* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.19* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.37* | |
| | | *For >5,000, Deduct* | *-0.60* | |
| | | *For Individual Room Quantities <495, Add* | *1.05* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.11* | |
| 09 51 13 00-0033 | SF | 2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels | 7.28 | 0.51 |
| | | *For Up To 50, Add* | *1.64* | |
| | | *For >50 To 200, Add* | *1.00* | |
| | | *For >200 To 500, Add* | *0.43* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.18* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.36* | |
| | | *For >5,000, Deduct* | *-0.58* | |
| | | *For Individual Room Quantities <495, Add* | *1.00* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 13 00-0034 | SF | 2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels | 5.50 | 0.51 |
| | | *For Up To 50, Add* | *1.44* | |
| | | *For >50 To 200, Add* | *0.86* | |
| | | *For >200 To 500, Add* | *0.35* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.14* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.28* | |
| | | *For >5,000, Deduct* | *-0.45* | |
| | | *For Individual Room Quantities <495, Add* | *0.86* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.11* | |
| 09 51 13 00-0035 | SF | 2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels | 5.34 | 0.51 |
| | | *For Up To 50, Add* | *1.35* | |
| | | *For >50 To 200, Add* | *0.81* | |
| | | *For >200 To 500, Add* | *0.34* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.13* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.27* | |
| | | *For >5,000, Deduct* | *-0.43* | |
| | | *For Individual Room Quantities <495, Add* | *0.81* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Ceilings >10' High, Add* | *0.10* | |

### 09 51 13 00-0036 Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

| | | | | |
|---|---|---|---|---|
| 09 51 13 00-0037 | SF | Removal And Reinstallation Of Acoustical Panels Only | 1.75 | |
| | | *For Up To 50, Add* | *0.96* | |
| | | *For >50 To 200, Add* | *0.53* | |
| | | *For >200 To 500, Add* | *0.18* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.04* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000, Deduct* | *-0.18* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |

## 09 51 23 Acoustical Tile Ceilings *(09 51)*

Note: Includes fastening with staples and/or adhesive.

### 09 51 23 00-0001 Mineral Fiber Acoustical Tile Ceilings *(09 51 23)*

| | | | | |
|---|---|---|---|---|
| 09 51 23 00-0002 | SF | 12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile | 4.96 | 0.95 |
| | | *For Furring 1 x 3 Strips 12" On Center, Add* | *0.50* | |
| | | *For Up To 50, Add* | *1.60* | |
| | | *For >50 To 200, Add* | *0.93* | |
| | | *For >200 To 500, Add* | *0.36* | |
| | | *For >2,500, Deduct* | *-0.25* | |
| | | *For Ceilings >10' High, Add* | *0.16* | |
| 09 51 23 00-0003 | SF | 12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile | 6.01 | 0.95 |
| | | *For Furring 1 x 3 Strips 12" On Center, Add* | *0.50* | |
| | | *For Up To 50, Add* | *1.76* | |
| | | *For >50 To 200, Add* | *1.03* | |
| | | *For >200 To 500, Add* | *0.41* | |
| | | *For >2,500, Deduct* | *-0.30* | |
| | | *For Placing Tiles In Suspended Ceiling System, Deduct* | *-0.45* | |
| | | *For Ceilings >10' High, Add* | *0.16* | |
| 09 51 23 00-0004 | SF | 12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile | 6.85 | 0.95 |
| | | *For Furring 1 x 3 Strips 12" On Center, Add* | *0.50* | |
| | | *For Up To 50, Add* | *1.89* | |
| | | *For >50 To 200, Add* | *1.12* | |
| | | *For >200 To 500, Add* | *0.45* | |
| | | *For >2,500, Deduct* | *-0.34* | |
| | | *For Placing Tiles In Suspended Ceiling System, Deduct* | *-0.45* | |
| | | *For Ceilings >10' High, Add* | *0.16* | |

### 09 51 23 00-0005 Wood Fiber Acoustical Tile Ceilings *(09 51 23)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 23 00-0006 | SF | 12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile | 4.52 | 0.95 |
| | | *For Furring 1 x 3 Strips 12" On Center, Add* | *0.50* | |
| | | *For Up To 50, Add* | *1.54* | |
| | | *For >50 To 200, Add* | *0.88* | |
| | | *For >200 To 500, Add* | *0.33* | |
| | | *For >2,500, Deduct* | *-0.23* | |
| | | *For Ceilings >10' High, Add* | *0.16* | |

## 09 51 33 Acoustical Metal Pan Ceilings *(09 51)*

### 09 51 33 13 Acoustical Snap-in Metal Pan Ceilings *(09 51 33)*

09 51 33 13-0001 Acoustical Snap-In Metal Pan Ceilings *(09 51 33 13)*

09 51 33 13-0002 Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 51 33 13-0003 | SF | 24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™) | 19.97 | 0.75 |
| | | *For Up To 50, Add* | *3.60* | |
| | | *For >50 To 200, Add* | *2.30* | |
| | | *For >200 To 500, Add* | *1.07* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.50* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.00* | |
| | | *For >5,000, Deduct* | *-1.54* | |
| | | *For Ceilings >10' High, Add* | *0.11* | |
| 09 51 33 13-0004 | SF | 24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™) | 21.40 | 0.75 |
| | | *For Up To 50, Add* | *3.81* | |
| | | *For >50 To 200, Add* | *2.44* | |
| | | *For >200 To 500, Add* | *1.15* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.54* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.07* | |
| | | *For >5,000, Deduct* | *-1.64* | |
| | | *For Ceilings >10' High, Add* | *0.11* | |

09 51 33 13-0005 Aluminum, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 51 33 13-0006 | SF | 24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 14.70 | 0.86 |
| | | *For Up To 50, Add* | *2.89* | |
| | | *For >50 To 200, Add* | *1.81* | |
| | | *For >200 To 500, Add* | *0.82* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.37* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.74* | |
| | | *For >5,000, Deduct* | *-1.15* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0007 | SF | 24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 25.31 | 0.86 |
| | | *For Up To 50, Add* | *4.48* | |
| | | *For >50 To 200, Add* | *2.87* | |
| | | *For >200 To 500, Add* | *1.35* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.63* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.27* | |
| | | *For >5,000, Deduct* | *-1.94* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0008 | SF | 24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 50.06 | 0.86 |
| | | *For Up To 50, Add* | *8.19* | |
| | | *For >50 To 200, Add* | *5.35* | |
| | | *For >200 To 500, Add* | *2.59* | |
| | | *For >2,500 To 4,000, Deduct* | *-1.25* | |
| | | *For >4,000 To 5,000, Deduct* | *-2.50* | |
| | | *For >5,000, Deduct* | *-3.80* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0009 | SF | 24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 22.38 | 0.86 |
| | | *For Up To 50, Add* | *4.04* | |
| | | *For >50 To 200, Add* | *2.58* | |
| | | *For >200 To 500, Add* | *1.20* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.56* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.12* | |
| | | *For >5,000, Deduct* | *-1.72* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0010 | SF | 24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 15.55 | 0.86 |
| | | *For Up To 50, Add* | *3.02* | |
| | | *For >50 To 200, Add* | *1.90* | |
| | | *For >200 To 500, Add* | *0.86* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.39* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.78* | |
| | | *For >5,000, Deduct* | *-1.21* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 33 13-0011 | SF | 24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 24.65 | 0.86 |
| | | *For Up To 50, Add* | *4.38* | |
| | | *For >50 To 200, Add* | *2.81* | |
| | | *For >200 To 500, Add* | *1.32* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.62* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.23* | |
| | | *For >5,000, Deduct* | *-1.89* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0012 | SF | 24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 49.68 | 0.86 |
| | | *For Up To 50, Add* | *8.14* | |
| | | *For >50 To 200, Add* | *5.31* | |
| | | *For >200 To 500, Add* | *2.57* | |
| | | *For >2,500 To 4,000, Deduct* | *-1.24* | |
| | | *For >4,000 To 5,000, Deduct* | *-2.48* | |
| | | *For >5,000, Deduct* | *-3.77* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0013 | SF | 24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 22.19 | 0.86 |
| | | *For Up To 50, Add* | *4.01* | |
| | | *For >50 To 200, Add* | *2.56* | |
| | | *For >200 To 500, Add* | *1.20* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.55* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.11* | |
| | | *For >5,000, Deduct* | *-1.71* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0014 | SF | 30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 20.20 | 0.86 |
| | | *For Up To 50, Add* | *3.71* | |
| | | *For >50 To 200, Add* | *2.36* | |
| | | *For >200 To 500, Add* | *1.10* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.51* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.01* | |
| | | *For >5,000, Deduct* | *-1.56* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0015 | SF | 30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 26.74 | 0.86 |
| | | *For Up To 50, Add* | *4.70* | |
| | | *For >50 To 200, Add* | *3.02* | |
| | | *For >200 To 500, Add* | *1.42* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.67* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.34* | |
| | | *For >5,000, Deduct* | *-2.05* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0016 | SF | 30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 55.27 | 0.86 |
| | | *For Up To 50, Add* | *8.97* | |
| | | *For >50 To 200, Add* | *5.87* | |
| | | *For >200 To 500, Add* | *2.85* | |
| | | *For >2,500 To 4,000, Deduct* | *-1.38* | |
| | | *For >4,000 To 5,000, Deduct* | *-2.76* | |
| | | *For >5,000, Deduct* | *-4.19* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0017 | SF | 30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 26.45 | 0.86 |
| | | *For Up To 50, Add* | *4.65* | |
| | | *For >50 To 200, Add* | *2.99* | |
| | | *For >200 To 500, Add* | *1.41* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.66* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.32* | |
| | | *For >5,000, Deduct* | *-2.03* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0018 | SF | 30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 21.43 | 0.86 |
| | | *For Up To 50, Add* | *3.90* | |
| | | *For >50 To 200, Add* | *2.49* | |
| | | *For >200 To 500, Add* | *1.16* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.54* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.07* | |
| | | *For >5,000, Deduct* | *-1.65* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0019 | SF | 30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 27.40 | 0.86 |
| | | *For Up To 50, Add* | *4.79* | |
| | | *For >50 To 200, Add* | *3.08* | |
| | | *For >200 To 500, Add* | *1.46* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.69* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.37* | |
| | | *For >5,000, Deduct* | *-2.10* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 33 13-0020 | SF | 30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 57.17 | 0.86 |
| | | *For Up To 50, Add* | *9.26* | |
| | | *For >50 To 200, Add* | *6.06* | |
| | | *For >200 To 500, Add* | *2.94* | |
| | | *For >2,500 To 4,000, Deduct* | *-1.43* | |
| | | *For >4,000 To 5,000, Deduct* | *-2.86* | |
| | | *For >5,000, Deduct* | *-4.33* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0021 | SF | 30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 27.12 | 0.86 |
| | | *For Up To 50, Add* | *4.75* | |
| | | *For >50 To 200, Add* | *3.05* | |
| | | *For >200 To 500, Add* | *1.44* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.68* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.36* | |
| | | *For >5,000, Deduct* | *-2.08* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0022 | SF | 12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 18.21 | 0.86 |
| | | *For Up To 50, Add* | *3.42* | |
| | | *For >50 To 200, Add* | *2.16* | |
| | | *For >200 To 500, Add* | *1.00* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.46* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.91* | |
| | | *For >5,000, Deduct* | *-1.41* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0023 | SF | 12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 30.15 | 0.86 |
| | | *For Up To 50, Add* | *5.21* | |
| | | *For >50 To 200, Add* | *3.36* | |
| | | *For >200 To 500, Add* | *1.59* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.75* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.51* | |
| | | *For >5,000, Deduct* | *-2.30* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0024 | SF | 12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 54.04 | 0.86 |
| | | *For Up To 50, Add* | *8.79* | |
| | | *For >50 To 200, Add* | *5.75* | |
| | | *For >200 To 500, Add* | *2.79* | |
| | | *For >2,500 To 4,000, Deduct* | *-1.35* | |
| | | *For >4,000 To 5,000, Deduct* | *-2.70* | |
| | | *For >5,000, Deduct* | *-4.10* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0025 | SF | 12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 25.79 | 0.86 |
| | | *For Up To 50, Add* | *4.55* | |
| | | *For >50 To 200, Add* | *2.92* | |
| | | *For >200 To 500, Add* | *1.38* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.64* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.29* | |
| | | *For >5,000, Deduct* | *-1.98* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0026 | SF | 12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 19.63 | 0.86 |
| | | *For Up To 50, Add* | *3.63* | |
| | | *For >50 To 200, Add* | *2.31* | |
| | | *For >200 To 500, Add* | *1.07* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.49* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.98* | |
| | | *For >5,000, Deduct* | *-1.52* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0027 | SF | 12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 30.53 | 0.86 |
| | | *For Up To 50, Add* | *5.26* | |
| | | *For >50 To 200, Add* | *3.40* | |
| | | *For >200 To 500, Add* | *1.61* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.76* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.53* | |
| | | *For >5,000, Deduct* | *-2.33* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0028 | SF | 12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 56.03 | 0.86 |
| | | *For Up To 50, Add* | *9.09* | |
| | | *For >50 To 200, Add* | *5.95* | |
| | | *For >200 To 500, Add* | *2.89* | |
| | | *For >2,500 To 4,000, Deduct* | *-1.40* | |
| | | *For >4,000 To 5,000, Deduct* | *-2.80* | |
| | | *For >5,000, Deduct* | *-4.25* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 33 13-0029 | SF | 12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 26.64 | 0.86 |
| | | *For Up To 50, Add* | *4.68* | |
| | | *For >50 To 200, Add* | *3.01* | |
| | | *For >200 To 500, Add* | *1.42* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.67* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.33* | |
| | | *For >5,000, Deduct* | *-2.04* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0030 | SF | 24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 14.30 | 0.86 |
| | | *For Up To 50, Add* | *2.83* | |
| | | *For >50 To 200, Add* | *1.77* | |
| | | *For >200 To 500, Add* | *0.80* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.36* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.72* | |
| | | *For >5,000, Deduct* | *-1.12* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0031 | SF | 24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 22.26 | 0.86 |
| | | *For Up To 50, Add* | *4.02* | |
| | | *For >50 To 200, Add* | *2.57* | |
| | | *For >200 To 500, Add* | *1.20* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.56* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.11* | |
| | | *For >5,000, Deduct* | *-1.71* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0032 | SF | 24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 46.91 | 0.86 |
| | | *For Up To 50, Add* | *7.72* | |
| | | *For >50 To 200, Add* | *5.03* | |
| | | *For >200 To 500, Add* | *2.43* | |
| | | *For >2,500 To 4,000, Deduct* | *-1.17* | |
| | | *For >4,000 To 5,000, Deduct* | *-2.35* | |
| | | *For >5,000, Deduct* | *-3.56* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0033 | SF | 24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 21.12 | 0.86 |
| | | *For Up To 50, Add* | *3.85* | |
| | | *For >50 To 200, Add* | *2.45* | |
| | | *For >200 To 500, Add* | *1.14* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.53* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.06* | |
| | | *For >5,000, Deduct* | *-1.63* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0034 | SF | 24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 15.25 | 0.86 |
| | | *For Up To 50, Add* | *2.97* | |
| | | *For >50 To 200, Add* | *1.87* | |
| | | *For >200 To 500, Add* | *0.85* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.38* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.76* | |
| | | *For >5,000, Deduct* | *-1.19* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0035 | SF | 24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 22.07 | 0.86 |
| | | *For Up To 50, Add* | *3.99* | |
| | | *For >50 To 200, Add* | *2.55* | |
| | | *For >200 To 500, Add* | *1.19* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.55* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.10* | |
| | | *For >5,000, Deduct* | *-1.70* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0036 | SF | 24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 47.01 | 0.86 |
| | | *For Up To 50, Add* | *7.74* | |
| | | *For >50 To 200, Add* | *5.04* | |
| | | *For >200 To 500, Add* | *2.44* | |
| | | *For >2,500 To 4,000, Deduct* | *-1.18* | |
| | | *For >4,000 To 5,000, Deduct* | *-2.35* | |
| | | *For >5,000, Deduct* | *-3.57* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |
| 09 51 33 13-0037 | SF | 24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™) | 21.12 | 0.86 |
| | | *For Up To 50, Add* | *3.85* | |
| | | *For >50 To 200, Add* | *2.45* | |
| | | *For >200 To 500, Add* | *1.14* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.53* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.06* | |
| | | *For >5,000, Deduct* | *-1.63* | |
| | | *For Ceilings >10' High, Add* | *0.13* | |

**09 51 33 23 Acoustical Lay-in Metal Pan Ceilings** *(09 51 33)*

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 33 23-0003 | SF | 24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 15.51 | 0.65 |
| | | *For Up To 50, Add* | *2.84* | |
| | | *For >50 To 200, Add* | *1.81* | |
| | | *For >200 To 500, Add* | *0.84* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.39* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.78* | |
| | | *For >5,000, Deduct* | *-1.20* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0004 | SF | 24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 17.64 | 0.65 |
| | | *For Up To 50, Add* | *3.16* | |
| | | *For >50 To 200, Add* | *2.02* | |
| | | *For >200 To 500, Add* | *0.95* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.44* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.88* | |
| | | *For >5,000, Deduct* | *-1.36* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0005 | SF | 24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 26.17 | 0.65 |
| | | *For Up To 50, Add* | *4.44* | |
| | | *For >50 To 200, Add* | *2.88* | |
| | | *For >200 To 500, Add* | *1.37* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.65* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.31* | |
| | | *For >5,000, Deduct* | *-2.00* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0006 | SF | 24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 22.15 | 0.65 |
| | | *For Up To 50, Add* | *3.84* | |
| | | *For >50 To 200, Add* | *2.47* | |
| | | *For >200 To 500, Add* | *1.17* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.55* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.11* | |
| | | *For >5,000, Deduct* | *-1.69* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0007 | SF | 24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 23.80 | 0.65 |
| | | *For Up To 50, Add* | *4.09* | |
| | | *For >50 To 200, Add* | *2.64* | |
| | | *For >200 To 500, Add* | *1.25* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.60* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.19* | |
| | | *For >5,000, Deduct* | *-1.82* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0008 | SF | 24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 37.79 | 0.65 |
| | | *For Up To 50, Add* | *6.18* | |
| | | *For >50 To 200, Add* | *4.04* | |
| | | *For >200 To 500, Add* | *1.95* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.94* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.89* | |
| | | *For >5,000, Deduct* | *-2.87* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0009 | SF | 30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 23.44 | 0.65 |
| | | *For Up To 50, Add* | *4.03* | |
| | | *For >50 To 200, Add* | *2.60* | |
| | | *For >200 To 500, Add* | *1.24* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.59* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.17* | |
| | | *For >5,000, Deduct* | *-1.79* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0010 | SF | 30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 29.20 | 0.65 |
| | | *For Up To 50, Add* | *4.90* | |
| | | *For >50 To 200, Add* | *3.18* | |
| | | *For >200 To 500, Add* | *1.52* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.73* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.46* | |
| | | *For >5,000, Deduct* | *-2.22* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0011 | SF | 48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 23.57 | 0.65 |
| | | *For Up To 50, Add* | *4.05* | |
| | | *For >50 To 200, Add* | *2.62* | |
| | | *For >200 To 500, Add* | *1.24* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.59* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.18* | |
| | | *For >5,000, Deduct* | *-1.80* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0012 | SF | 48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 29.37 | 0.65 |
| | | *For Up To 50, Add* | *4.92* | |
| | | *For >50 To 200, Add* | *3.20* | |
| | | *For >200 To 500, Add* | *1.53* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.73* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.47* | |
| | | *For >5,000, Deduct* | *-2.24* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0013 | SF | 12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 23.69 | 0.65 |
| | | *For Up To 50, Add* | *4.07* | |
| | | *For >50 To 200, Add* | *2.63* | |
| | | *For >200 To 500, Add* | *1.25* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.59* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.18* | |
| | | *For >5,000, Deduct* | *-1.81* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 33 23-0014 | SF | 12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 29.26 | 0.65 |
| | | *For Up To 50, Add* | *4.91* | |
| | | *For >50 To 200, Add* | *3.18* | |
| | | *For >200 To 500, Add* | *1.53* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.73* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.46* | |
| | | *For >5,000, Deduct* | *-2.23* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0015 | SF | 24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 23.69 | 0.65 |
| | | *For Up To 50, Add* | *4.07* | |
| | | *For >50 To 200, Add* | *2.63* | |
| | | *For >200 To 500, Add* | *1.25* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.59* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.18* | |
| | | *For >5,000, Deduct* | *-1.81* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0016 | SF | 24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) | 29.49 | 0.65 |
| | | *For Up To 50, Add* | *4.94* | |
| | | *For >50 To 200, Add* | *3.21* | |
| | | *For >200 To 500, Add* | *1.54* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.74* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.47* | |
| | | *For >5,000, Deduct* | *-2.24* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |

### 09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

| | | | | |
|---|---|---|---|---|
| 09 51 33 23-0018 | SF | 24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®) | 20.17 | 0.65 |
| | | *For Up To 50, Add* | *3.54* | |
| | | *For >50 To 200, Add* | *2.28* | |
| | | *For >200 To 500, Add* | *1.07* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.50* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.01* | |
| | | *For >5,000, Deduct* | *-1.55* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0019 | SF | 24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®) | 24.16 | 0.65 |
| | | *For Up To 50, Add* | *4.14* | |
| | | *For >50 To 200, Add* | *2.67* | |
| | | *For >200 To 500, Add* | *1.27* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.60* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.21* | |
| | | *For >5,000, Deduct* | *-1.84* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0020 | SF | 24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®) | 25.96 | 0.65 |
| | | *For Up To 50, Add* | *4.41* | |
| | | *For >50 To 200, Add* | *2.85* | |
| | | *For >200 To 500, Add* | *1.36* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.65* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.30* | |
| | | *For >5,000, Deduct* | *-1.98* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0021 | SF | 24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®) | 24.35 | 0.65 |
| | | *For Up To 50, Add* | *4.17* | |
| | | *For >50 To 200, Add* | *2.69* | |
| | | *For >200 To 500, Add* | *1.28* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.61* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.22* | |
| | | *For >5,000, Deduct* | *-1.86* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0022 | SF | 24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®) | 25.01 | 0.65 |
| | | *For Up To 50, Add* | *4.27* | |
| | | *For >50 To 200, Add* | *2.76* | |
| | | *For >200 To 500, Add* | *1.32* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.63* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.25* | |
| | | *For >5,000, Deduct* | *-1.91* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 23-0023 | SF | 24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®) | 26.53 | 0.65 |
| | | *For Up To 50, Add* | *4.50* | |
| | | *For >50 To 200, Add* | *2.91* | |
| | | *For >200 To 500, Add* | *1.39* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.66* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.33* | |
| | | *For >5,000, Deduct* | *-2.02* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |

## 09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 51 33 33-0003 | SF | 24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™) | 14.58 | 0.65 |
| | | *For Up To 50, Add* | *2.70* | |
| | | *For >50 To 200, Add* | *1.72* | |
| | | *For >200 To 500, Add* | *0.79* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.36* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.73* | |
| | | *For >5,000, Deduct* | *-1.13* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 33-0004 | SF | 24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™) | 16.48 | 0.65 |
| | | *For Up To 50, Add* | *2.99* | |
| | | *For >50 To 200, Add* | *1.91* | |
| | | *For >200 To 500, Add* | *0.89* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.41* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.82* | |
| | | *For >5,000, Deduct* | *-1.27* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 33-0005 | SF | 24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™) | 23.49 | 0.65 |
| | | *For Up To 50, Add* | *4.04* | |
| | | *For >50 To 200, Add* | *2.61* | |
| | | *For >200 To 500, Add* | *1.24* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.59* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.17* | |
| | | *For >5,000, Deduct* | *-1.79* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 33-0006 | SF | 24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™) | 16.67 | 0.65 |
| | | *For Up To 50, Add* | *3.02* | |
| | | *For >50 To 200, Add* | *1.93* | |
| | | *For >200 To 500, Add* | *0.90* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.42* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.83* | |
| | | *For >5,000, Deduct* | *-1.28* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 33-0007 | SF | 24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™) | 18.94 | 0.65 |
| | | *For Up To 50, Add* | *3.36* | |
| | | *For >50 To 200, Add* | *2.15* | |
| | | *For >200 To 500, Add* | *1.01* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.47* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.95* | |
| | | *For >5,000, Deduct* | *-1.45* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 51 33 33-0008 | SF | 24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™) | 25.67 | 0.65 |
| | | *For Up To 50, Add* | *4.37* | |
| | | *For >50 To 200, Add* | *2.83* | |
| | | *For >200 To 500, Add* | *1.35* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.64* | |
| | | *For >4,000 To 5,000, Deduct* | *-1.28* | |
| | | *For >5,000, Deduct* | *-1.96* | |
| | | *For Ceilings >10' High, Add* | *0.10* | |

## 09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

### 09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

#### 09 53 23 00-0001 Ceiling Suspension Systems *(09 53 23)*

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

| | | | | |
|---|---|---|---|---|
| 09 53 23 00-0002 | SF | 1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System<br>Note: Excludes ceiling tile. | 3.71 | 0.43 |
| | | *For Fastening To Concrete, Add* | *1.06* | |
| | | *For Fastening To Steel, Add* | *1.21* | |
| | | *For Vertical Application, Add* | *1.64* | |
| | | *For Individual Room Quantities <495, Add*<br>*Note: For use with projects >500 SF* | *0.37* | |
| | | *For Up To 50, Add* | *1.30* | |
| | | *For >50 To 200, Add* | *0.75* | |
| | | *For >200 To 500, Add* | *0.28* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.08* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.15* | |
| | | *For >5,000, Deduct* | *-0.21* | |
| | | *For Ceilings >10' High, Add* | *0.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 53 23 00-0003 | SF | 1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System | 2.97 | 0.43 |
| | | *For UL Listed (Fire Guard), Add* | *0.21* | |
| | | *For 1-1/2" Wide Faced Grid, Add* | *0.39* | |
| | | *For Fastening To Concrete, Add* | *1.03* | |
| | | *For Fastening To Steel, Add* | *1.18* | |
| | | *For Vertical Application, Add* | *1.37* | |
| | | *For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add* | *2.50* | |
| | | *For Individual Room Quantities <495, Add* | *0.30* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Aluminum T-Bar System, Add* | *0.63* | |
| | | *For Up To 50, Add* | *1.07* | |
| | | *For >50 To 200, Add* | *0.61* | |
| | | *For >200 To 500, Add* | *0.23* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.07* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.12* | |
| | | *For >5,000, Deduct* | *-0.17* | |
| | | *For Ceilings >10' High, Add* | *0.12* | |
| 09 53 23 00-0004 | SF | 2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System | 2.46 | 0.43 |
| | | *For UL Listed (Fire Guard), Add* | *0.15* | |
| | | *For 1-1/2" Wide Faced Grid, Add* | *0.29* | |
| | | *For Fastening To Concrete, Add* | *1.01* | |
| | | *For Fastening To Steel, Add* | *1.16* | |
| | | *For Vertical Application, Add* | *1.25* | |
| | | *For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add* | *2.50* | |
| | | *For Individual Room Quantities <495, Add* | *0.27* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Aluminum T-Bar System, Add* | *0.46* | |
| | | *For Up To 50, Add* | *0.94* | |
| | | *For >50 To 200, Add* | *0.53* | |
| | | *For >200 To 500, Add* | *0.19* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.06* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000, Deduct* | *-0.15* | |
| | | *For Ceilings >10' High, Add* | *0.11* | |
| | | *For Concealed Spline Grid, Add* | *0.40* | |
| 09 53 23 00-0005 | SF | 2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System | 2.04 | 0.43 |
| | | *For UL Listed (Fire Guard), Add* | *0.13* | |
| | | *For 1-1/2" Wide Faced Grid, Add* | *0.24* | |
| | | *For Fastening To Concrete, Add* | *0.99* | |
| | | *For Fastening To Steel, Add* | *1.14* | |
| | | *For Vertical Application, Add* | *1.20* | |
| | | *For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add* | *2.50* | |
| | | *For Individual Room Quantities <495, Add* | *0.22* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Aluminum T-Bar System, Add* | *0.38* | |
| | | *For Up To 50, Add* | *0.79* | |
| | | *For >50 To 200, Add* | *0.44* | |
| | | *For >200 To 500, Add* | *0.16* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.05* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000, Deduct* | *-0.12* | |
| | | *For Ceilings >10' High, Add* | *0.09* | |
| | | *For Concealed Spline Grid, Add* | *0.33* | |
| 09 53 23 00-0006 | SF | 1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System | 1.80 | 0.43 |
| | | *For UL Listed (Fire Guard), Add* | *0.12* | |
| | | *For 1-1/2" Wide Faced Grid, Add* | *0.22* | |
| | | *For Fastening To Concrete, Add* | *0.97* | |
| | | *For Fastening To Steel, Add* | *1.12* | |
| | | *For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add* | *2.50* | |
| | | *For Individual Room Quantities <495, Add* | *0.19* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Aluminum T-Bar System, Add* | *0.35* | |
| | | *For Up To 50, Add* | *0.68* | |
| | | *For >50 To 200, Add* | *0.39* | |
| | | *For >200 To 500, Add* | *0.14* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.04* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000, Deduct* | *-0.11* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |
| 09 53 23 00-0007 | SF | 2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System | 2.68 | 0.43 |
| | | *For UL Listed (Fire Guard), Add* | *0.19* | |
| | | *For Fastening To Concrete, Add* | *1.01* | |
| | | *For Fastening To Steel, Add* | *1.16* | |
| | | *For Vertical Application, Add* | *1.25* | |
| | | *For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add* | *2.50* | |
| | | *For Individual Room Quantities <495, Add* | *0.28* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Up To 50, Add* | *0.97* | |
| | | *For >50 To 200, Add* | *0.55* | |
| | | *For >200 To 500, Add* | *0.21* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.06* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000, Deduct* | *-0.16* | |
| | | *For Ceilings >10' High, Add* | *0.11* | |
| | | *For Black Grid, Add* | *0.16* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 53 23 00-0008 | SF | 2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System | 2.21 | 0.43 |
| | | *For UL Listed (Fire Guard), Add* | *0.15* | |
| | | *For Fastening To Concrete, Add* | *0.99* | |
| | | *For Fastening To Steel, Add* | *1.14* | |
| | | *For Vertical Application, Add* | *1.20* | |
| | | *For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add* | *2.50* | |
| | | *For Individual Room Quantities <495, Add* | *0.23* | |
| | | *Note: For use with projects >500 SF* | | |
| | | *For Up To 50, Add* | *0.81* | |
| | | *For >50 To 200, Add* | *0.46* | |
| | | *For >200 To 500, Add* | *0.17* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.05* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000, Deduct* | *-0.13* | |
| | | *For Ceilings >10' High, Add* | *0.09* | |
| | | *For Black Grid, Add* | *0.13* | |

### 09 53 23 00-0009 Ceiling Suspension System Accessories *(09 53 23)*

| | | | | |
|---|---|---|---|---|
| 09 53 23 00-0010 | LF | Pencil Rod Support For Suspended Ceiling with Accessories | 1.16 | |
| 09 53 23 00-0011 | LF | 1" x 1/8" Flat Bar Bracing For Suspended Ceiling | 2.85 | 1.20 |
| | | *For 304 Stainless Steel, Add* | *2.96* | |
| | | *For 316 Stainless Steel, Add* | *3.33* | |
| | | *For Aluminum, Add* | *0.19* | |
| | | *For Galvanized Steel, Add* | *0.64* | |
| 09 53 23 00-0012 | LF | 1" x 3/16" Flat Bar Bracing For Suspended Ceiling | 4.09 | 1.29 |
| | | *For 304 Stainless Steel, Add* | *4.50* | |
| | | *For 316 Stainless Steel, Add* | *5.06* | |
| | | *For Aluminum, Add* | *0.28* | |
| | | *For Galvanized Steel, Add* | *0.98* | |
| 09 53 23 00-0013 | LF | 1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling | 5.99 | 1.37 |
| | | *For 304 Stainless Steel, Add* | *9.01* | |
| | | *For 316 Stainless Steel, Add* | *10.11* | |
| | | *For Aluminum, Add* | *0.57* | |
| | | *For Galvanized Steel, Add* | *1.96* | |
| 09 53 23 00-0014 | EA | 2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee<br>Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component. | 5.60 | 0.25 |
| 09 53 23 00-0015 | EA | Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure | 65.09 | 17.45 |
| 09 53 23 00-0016 | EA | >30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure | 67.54 | 17.79 |
| 09 53 23 00-0017 | EA | >48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure | 76.26 | 17.79 |

### 09 53 23 00-0018 Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly *(09 53 23)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

| | | | | |
|---|---|---|---|---|
| 09 53 23 00-0019 | SF | Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'<br>Note: Suspension system tie wire, wall angles and bracing to remain in place. | 2.37 | |
| | | *For Up To 50, Add* | *1.30* | |
| | | *For >50 To 200, Add* | *0.71* | |
| | | *For >200 To 500, Add* | *0.24* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.06* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.12* | |
| | | *For >5,000, Deduct* | *-0.18* | |
| | | *For Ceilings >10' High, Add* | *0.18* | |
| 09 53 23 00-0020 | SF | Removal And Reinstallation Of Grid System Only<br>Note: Suspension system tie wire, wall angles and bracing to remain in place. | 1.03 | |
| | | *For Up To 50, Add* | *0.57* | |
| | | *For >50 To 200, Add* | *0.31* | |
| | | *For >200 To 500, Add* | *0.10* | |
| | | *For >2,500 To 4,000, Deduct* | *-0.03* | |
| | | *For >4,000 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000, Deduct* | *-0.08* | |
| | | *For Ceilings >10' High, Add* | *0.08* | |

## 09 54 Specialty Ceilings *(09 50)*

### 09 54 16 Luminous Ceilings *(09 54)*

### 09 54 16 00-0001 Translucent Ceiling Panels *(09 54 16)*

| | | | | |
|---|---|---|---|---|
| 09 54 16 00-0002 | SF | 2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel | 3.12 | 0.43 |
| | | *For Ceilings >10' High, Add* | *0.07* | |
| | | *For >100 To 200, Deduct* | *-0.15* | |
| | | *For >200 To 300, Deduct* | *-0.37* | |
| | | *For >300, Deduct* | *-0.63* | |

### 09 54 23 Linear Metal Ceilings *(09 54)*

### 09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

### 09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)*

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 54 23 00-0003 | SF | 4" Panel Width, 0.032" Aluminum, Linear Ceiling System | 19.29 | 1.91 |
| | | *For Up To 50, Add* | *4.73* | |
| | | *For >50 To 200, Add* | *2.85* | |
| | | *For >200 To 500, Add* | *1.19* | |
| | | *For >2,500, Deduct* | *-0.96* | |
| | | *For Ceilings >10' High, Add* | *0.34* | |
| | | *For Linear Ceiling Systems Without Filler Strips, Deduct* | *-3.65* | |
| | | *For Curved Ceilings, Add* | *1.14* | |
| 09 54 23 00-0004 | SF | 8" Panel Width, 0.032" Aluminum, Linear Ceiling System | 15.43 | 1.91 |
| | | *For Up To 50, Add* | *4.11* | |
| | | *For >50 To 200, Add* | *2.44* | |
| | | *For >200 To 500, Add* | *1.00* | |
| | | *For >2,500, Deduct* | *-0.77* | |
| | | *For Ceilings >10' High, Add* | *0.34* | |
| | | *For Linear Ceiling Systems Without Filler Strips, Deduct* | *-1.81* | |
| | | *For Curved Ceilings, Add* | *1.12* | |
| 09 54 23 00-0005 | SF | 12" Panel Width, 0.032" Aluminum, Linear Ceiling System | 13.94 | 1.91 |
| | | *For Up To 50, Add* | *3.85* | |
| | | *For >50 To 200, Add* | *2.27* | |
| | | *For >200 To 500, Add* | *0.92* | |
| | | *For >2,500, Deduct* | *-0.70* | |
| | | *For Ceilings >10' High, Add* | *0.33* | |
| | | *For Linear Ceiling Systems Without Filler Strips, Deduct* | *-1.20* | |
| | | *For Curved Ceilings, Add* | *1.10* | |

### 09 54 23 00-0006 Tin Ceilings *(09 54 23)*

| | | | | |
|---|---|---|---|---|
| 09 54 23 00-0007 | SF | 2' x 2' Tin Ceiling Embossed Panels | 20.89 | 2.96 |
| | | *For Up To 50, Add* | *4.56* | |
| | | *For >50 To 200, Add* | *2.80* | |
| | | *For >200 To 500, Add* | *1.22* | |
| | | *For >2,500, Deduct* | *-1.04* | |
| | | *For Ceilings >10' High, Add* | *0.27* | |
| 09 54 23 00-0008 | SF | 12" x 12" Tin Ceiling Embossed Plates | 31.37 | 1.91 |
| | | *For Up To 50, Add* | *6.21* | |
| | | *For >50 To 200, Add* | *3.89* | |
| | | *For >200 To 500, Add* | *1.76* | |
| | | *For >2,500, Deduct* | *-1.57* | |
| | | *For Ceilings >10' High, Add* | *0.28* | |
| 09 54 23 00-0009 | SF | 12" x 24" Tin Ceiling Embossed Plates | 22.59 | 1.91 |
| | | *For Up To 50, Add* | *4.89* | |
| | | *For >50 To 200, Add* | *3.01* | |
| | | *For >200 To 500, Add* | *1.32* | |
| | | *For >2,500, Deduct* | *-1.13* | |
| | | *For Ceilings >10' High, Add* | *0.28* | |
| 09 54 23 00-0010 | SF | 24" x 24" Tin Ceiling Embossed Plates | 20.74 | 1.91 |
| | | *For Up To 50, Add* | *4.50* | |
| | | *For >50 To 200, Add* | *2.77* | |
| | | *For >200 To 500, Add* | *1.21* | |
| | | *For >2,500, Deduct* | *-1.04* | |
| | | *For Ceilings >10' High, Add* | *0.26* | |
| 09 54 23 00-0011 | SF | 24" x 48" Tin Ceiling Embossed Plates | 18.10 | 1.43 |
| | | *For Up To 50, Add* | *3.93* | |
| | | *For >50 To 200, Add* | *2.42* | |
| | | *For >200 To 500, Add* | *1.06* | |
| | | *For >2,500, Deduct* | *-0.91* | |
| | | *For Ceilings >10' High, Add* | *0.23* | |
| 09 54 23 00-0012 | LF | 3" Or 4" Wide Embossed Molding | 13.21 | 2.87 |
| | | *For Ceilings >10' High, Add* | *0.42* | |
| 09 54 23 00-0013 | LF | 6" Wide Embossed Molding | 16.76 | 3.34 |
| | | *For Ceilings >10' High, Add* | *0.47* | |
| 09 54 23 00-0014 | LF | 12" Wide Embossed Molding | 22.64 | 3.92 |
| | | *For Ceilings >10' High, Add* | *0.59* | |
| 09 54 23 00-0015 | EA | 3", 4" Or 6" Wide Embossed Cross, Tee Or Ell | 37.80 | 9.07 |
| | | *For Ceilings >10' High, Add* | *1.33* | |
| 09 54 23 00-0016 | EA | 12" Wide Embossed Cross, Tee Or Ell | 53.41 | 10.61 |
| | | *For Ceilings >10' High, Add* | *1.60* | |

## 09 57 Special Function Ceilings *(09 50)*

### 09 57 63 High Impact Ceilings *(09 57)*

### 09 57 63 00-0001 High Impact Ceilings *(09 57 63)*

| | | | | |
|---|---|---|---|---|
| 09 57 63 00-0002 | SF | Polyvinyl Chloride Face High Impact Ceiling Panels | 6.45 | 0.86 |
| | | *For Ceilings >10' High, Add* | *0.10* | |
| 09 57 63 00-0003 | EA | High Impact Clips | 3.47 | 0.69 |
| | | *For Ceilings >10' High, Add* | *0.16* | |

## 09 60 Flooring *(09)*

Note: Perform moisture testing as recommended by manufacturer.

## 09 61 Flooring Treatment *(09 60)*

### 09 61 13 Slip-Resistant Flooring Treatment *(09 61)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **09 61 13 00-0001** | | **Anti-Slip Tape** *(09 61 13)*<br>Note: Grit sandpaper surface with adhesive back. | | |
| 09 61 13 00-0002 | LF | 1" Anti-Slip Tape | 2.38 | 1.71 |
| 09 61 13 00-0003 | LF | 2" Anti-Slip Tape | 3.08 | 1.89 |
| 09 61 13 00-0004 | LF | 3" Anti-Slip Tape | 3.76 | 2.08 |
| 09 61 13 00-0005 | LF | 4" Anti-Slip Tape | 4.39 | 2.28 |
| 09 61 13 00-0006 | LF | 6" Anti-Slip Tape | 5.69 | 2.51 |
| 09 61 13 00-0007 | LF | 12" Anti-Slip Tape | 10.10 | 3.77 |
| 09 61 13 00-0008 | LF | 24" Anti-Slip Tape | 14.23 | 5.66 |

## 09 63 Masonry Flooring *(09 60)*

### 09 63 13 Brick Flooring *(09 63)*

| | | | | |
|---|---|---|---|---|
| **09 63 13 00-0001** | | **Clay Bricks** *(09 63 13)* | | |
| 09 63 13 00-0002 | SF | 2-1/4" Thick Clay Brick Floor | 23.85 | 7.60 |
| | | *For Basket Weave Pattern, Add* | *1.62* | |
| | | *For Herringbone Pattern, Add* | *2.16* | |
| | | *For Epoxy Joints, Add* | *4.43* | |
| 09 63 13 00-0003 | SF | 3" Thick Clay Brick Floor | 27.09 | 7.60 |
| | | *For Basket Weave Pattern, Add* | *1.62* | |
| | | *For Herringbone Pattern, Add* | *2.16* | |
| | | *For Epoxy Joints, Add* | *4.43* | |
| 09 63 13 00-0004 | SF | 1/2" Thick Unglazed Clay Brick Floor | 14.74 | 7.60 |
| | | *For Basket Weave Pattern, Add* | *1.62* | |
| | | *For Herringbone Pattern, Add* | *2.16* | |
| | | *For Epoxy Joints, Add* | *4.43* | |
| 09 63 13 00-0005 | SF | 1/2" Thick Glazed Clay Brick Floor | 17.68 | 7.60 |
| | | *For Basket Weave Pattern, Add* | *1.62* | |
| | | *For Herringbone Pattern, Add* | *2.16* | |
| | | *For Epoxy Joints, Add* | *4.43* | |
| 09 63 13 00-0006 | SF | 3/4" Thick Unglazed Clay Brick Floor | 16.06 | 7.60 |
| | | *For Basket Weave Pattern, Add* | *1.62* | |
| | | *For Herringbone Pattern, Add* | *2.16* | |
| | | *For Epoxy Joints, Add* | *4.43* | |
| 09 63 13 00-0007 | SF | 3/4" Thick Glazed Clay Brick Floor | 19.95 | 7.60 |
| | | *For Basket Weave Pattern, Add* | *1.62* | |
| | | *For Herringbone Pattern, Add* | *2.16* | |
| | | *For Epoxy Joints, Add* | *4.43* | |
| 09 63 13 00-0008 | SF | 15/16" Thick Unglazed Clay Brick Floor | 17.32 | 7.60 |
| | | *For Basket Weave Pattern, Add* | *1.62* | |
| | | *For Herringbone Pattern, Add* | *2.16* | |
| | | *For Epoxy Joints, Add* | *4.43* | |
| 09 63 13 00-0009 | SF | 15/16" Thick Glazed Clay Brick Floor | 22.25 | 7.60 |
| | | *For Basket Weave Pattern, Add* | *1.62* | |
| | | *For Herringbone Pattern, Add* | *2.16* | |
| | | *For Epoxy Joints, Add* | *4.43* | |

### 09 63 43 Composition Stone Flooring *(09 63)*

| | | | | |
|---|---|---|---|---|
| **09 63 43 00-0001** | | **Cupric Oxychloride Cement, Seamless Flooring System** *(09 63 43)*<br>Note: Chemical and slip resistant. OSHA and USDA approved. | | |
| 09 63 43 00-0002 | SF | 3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied | 15.29 | 4.33 |

## 09 64 Wood Flooring *(09 60)*

### 09 64 13 Wood Flooring Underlayment *(09 64)*

| | | | | |
|---|---|---|---|---|
| **09 64 13 00-0001** | | **Wood Flooring Underlayment** *(09 64 13)* | | |
| 09 64 13 00-0002 | SF | Regular Weight Red Rosin Paper, Wood Flooring Underlayment | 0.41 | |
| 09 64 13 00-0003 | SF | Heavy Weight Red Rosin Paper, Wood Flooring Underlayment | 0.41 | |
| 09 64 13 00-0004 | SF | 30 LB, Waxed Paper, Wood Flooring Underlayment | 0.43 | |
| 09 64 13 00-0005 | SF | 15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment | 0.48 | |
| 09 64 13 00-0006 | SF | 6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment | 0.43 | |
| 09 64 13 00-0007 | SF | 8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment | 0.48 | |
| 09 64 13 00-0008 | SF | 1/8" Thick, Natural Cork, Wood Flooring Underlayment | 2.03 | 0.27 |
| 09 64 13 00-0009 | SF | 1/4" Thick, Natural Cork, Wood Flooring Underlayment | 2.12 | 0.27 |
| 09 64 13 00-0010 | SF | 3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15) | 0.74 | |
| 09 64 13 00-0011 | SF | 2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180) | 0.93 | |
| 09 64 13 00-0012 | SF | 4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193) | 1.00 | |
| 09 64 13 00-0013 | SF | 2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026) | 1.23 | |
| 09 64 13 00-0014 | SF | 1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105) | 1.25 | 0.18 |

### 09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

| | | | | |
|---|---|---|---|---|
| **09 64 23 00-0001** | | **Hardwood Parquet Flooring** *(09 64 23)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 64 23 00-0002 | SF | 5/16" Thick Oak Parquet Flooring | 10.97 | 0.86 |
| | | *For Up To 20, Add* | *4.06* | |
| | | *For >20 To 50, Add* | *2.17* | |
| | | *For >50 To 100, Add* | *1.09* | |
| | | *For >100 To 300, Add* | *0.54* | |

## 09 64 29 Wood Strip and Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

### 09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

| | | | | |
|---|---|---|---|---|
| 09 64 29 00-0002 | SF | 3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring | 12.50 | 0.86 |
| | | *For Factory Finish, Add* | *0.86* | |
| | | *For Random Width Floor, Add* | *2.93* | |
| | | *For Up To 20, Add* | *3.61* | |
| | | *For >20 To 50, Add* | *2.02* | |
| | | *For >50 To 100, Add* | *1.01* | |
| | | *For >100 To 300, Add* | *0.51* | |

### 09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

### 09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

| | | | | |
|---|---|---|---|---|
| 09 64 29 00-0005 | SF | 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring | 9.56 | 0.86 |
| | | *For Factory Finish, Add* | *0.45* | |
| | | *For Random Width Floor, Add* | *2.14* | |
| | | *For Up To 20, Add* | *3.71* | |
| | | *For >20 To 50, Add* | *1.97* | |
| | | *For >50 To 100, Add* | *0.98* | |
| | | *For >100 To 300, Add* | *0.49* | |
| 09 64 29 00-0006 | SF | 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring | 10.15 | 0.86 |
| | | *For Factory Finish, Add* | *0.51* | |
| | | *For Random Width Floor, Add* | *2.29* | |
| | | *For Up To 20, Add* | *3.80* | |
| | | *For >20 To 50, Add* | *2.03* | |
| | | *For >50 To 100, Add* | *1.01* | |
| | | *For >100 To 300, Add* | *0.51* | |
| 09 64 29 00-0007 | SF | 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring | 11.03 | 0.86 |
| | | *For Factory Finish, Add* | *0.60* | |
| | | *For Random Width Floor, Add* | *2.51* | |
| | | *For Up To 20, Add* | *3.93* | |
| | | *For >20 To 50, Add* | *2.11* | |
| | | *For >50 To 100, Add* | *1.06* | |
| | | *For >100 To 300, Add* | *0.53* | |
| 09 64 29 00-0008 | SF | 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring | 8.57 | 0.86 |
| | | *For Factory Finish, Add* | *0.47* | |
| | | *For Random Width Floor, Add* | *1.95* | |
| | | *For Up To 20, Add* | *3.02* | |
| | | *For >20 To 50, Add* | *1.63* | |
| | | *For >50 To 100, Add* | *0.81* | |
| | | *For >100 To 300, Add* | *0.41* | |
| 09 64 29 00-0009 | SF | 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring | 9.04 | 0.86 |
| | | *For Factory Finish, Add* | *0.52* | |
| | | *For Random Width Floor, Add* | *2.07* | |
| | | *For Up To 20, Add* | *3.09* | |
| | | *For >20 To 50, Add* | *1.68* | |
| | | *For >50 To 100, Add* | *0.84* | |
| | | *For >100 To 300, Add* | *0.42* | |
| 09 64 29 00-0010 | SF | 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring | 9.94 | 0.86 |
| | | *For Factory Finish, Add* | *0.61* | |
| | | *For Random Width Floor, Add* | *2.29* | |
| | | *For Up To 20, Add* | *3.23* | |
| | | *For >20 To 50, Add* | *1.77* | |
| | | *For >50 To 100, Add* | *0.88* | |
| | | *For >100 To 300, Add* | *0.44* | |

### 09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*

| | | | | |
|---|---|---|---|---|
| 09 64 29 00-0012 | SF | 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring | 9.66 | 0.86 |
| | | *For Factory Finish, Add* | *0.46* | |
| | | *For Random Width Floor, Add* | *2.16* | |
| | | *For Up To 20, Add* | *3.72* | |
| | | *For >20 To 50, Add* | *1.98* | |
| | | *For >50 To 100, Add* | *0.99* | |
| | | *For >100 To 300, Add* | *0.49* | |
| 09 64 29 00-0013 | SF | 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring | 10.25 | 0.86 |
| | | *For Factory Finish, Add* | *0.52* | |
| | | *For Random Width Floor, Add* | *2.31* | |
| | | *For Up To 20, Add* | *3.81* | |
| | | *For >20 To 50, Add* | *2.04* | |
| | | *For >50 To 100, Add* | *1.02* | |
| | | *For >100 To 300, Add* | *0.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 64 29 00-0014 | SF | 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring | 11.13 | 0.86 |
| | | *For Factory Finish, Add* | *0.61* | |
| | | *For Random Width Floor, Add* | *2.53* | |
| | | *For Up To 20, Add* | *3.94* | |
| | | *For >20 To 50, Add* | *2.12* | |
| | | *For >50 To 100, Add* | *1.06* | |
| | | *For >100 To 300, Add* | *0.53* | |
| 09 64 29 00-0015 | SF | 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring | 8.66 | 0.86 |
| | | *For Factory Finish, Add* | *0.48* | |
| | | *For Random Width Floor, Add* | *1.97* | |
| | | *For Up To 20, Add* | *3.04* | |
| | | *For >20 To 50, Add* | *1.64* | |
| | | *For >50 To 100, Add* | *0.82* | |
| | | *For >100 To 300, Add* | *0.41* | |
| 09 64 29 00-0016 | SF | 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring | 9.25 | 0.86 |
| | | *For Factory Finish, Add* | *0.54* | |
| | | *For Random Width Floor, Add* | *2.12* | |
| | | *For Up To 20, Add* | *3.12* | |
| | | *For >20 To 50, Add* | *1.70* | |
| | | *For >50 To 100, Add* | *0.85* | |
| | | *For >100 To 300, Add* | *0.42* | |
| 09 64 29 00-0017 | SF | 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring | 10.04 | 0.86 |
| | | *For Factory Finish, Add* | *0.62* | |
| | | *For Random Width Floor, Add* | *2.32* | |
| | | *For Up To 20, Add* | *3.24* | |
| | | *For >20 To 50, Add* | *1.78* | |
| | | *For >50 To 100, Add* | *0.89* | |
| | | *For >100 To 300, Add* | *0.44* | |

### 09 64 29 00-0018 Unfinished Maple, Wood Strip Flooring *(09 64 29)*

### 09 64 29 00-0019 25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

| | | | | |
|---|---|---|---|---|
| 09 64 29 00-0020 | SF | 2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring | 11.81 | 0.86 |
| | | *For Factory Finish, Add* | *0.68* | |
| | | *For Random Width Floor, Add* | *2.70* | |
| | | *For Up To 20, Add* | *4.04* | |
| | | *For >20 To 50, Add* | *2.19* | |
| | | *For >50 To 100, Add* | *1.10* | |
| | | *For >100 To 300, Add* | *0.55* | |
| 09 64 29 00-0021 | SF | 2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring | 10.83 | 0.86 |
| | | *For Factory Finish, Add* | *0.58* | |
| | | *For Random Width Floor, Add* | *2.46* | |
| | | *For Up To 20, Add* | *3.90* | |
| | | *For >20 To 50, Add* | *2.09* | |
| | | *For >50 To 100, Add* | *1.05* | |
| | | *For >100 To 300, Add* | *0.52* | |
| 09 64 29 00-0022 | SF | 3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring | 11.02 | 0.86 |
| | | *For Factory Finish, Add* | *0.72* | |
| | | *For Random Width Floor, Add* | *2.56* | |
| | | *For Up To 20, Add* | *3.39* | |
| | | *For >20 To 50, Add* | *1.87* | |
| | | *For >50 To 100, Add* | *0.94* | |
| | | *For >100 To 300, Add* | *0.47* | |
| 09 64 29 00-0023 | SF | 3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring | 10.04 | 0.86 |
| | | *For Factory Finish, Add* | *0.62* | |
| | | *For Random Width Floor, Add* | *2.32* | |
| | | *For Up To 20, Add* | *3.24* | |
| | | *For >20 To 50, Add* | *1.78* | |
| | | *For >50 To 100, Add* | *0.89* | |
| | | *For >100 To 300, Add* | *0.44* | |

### 09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

| | | | | |
|---|---|---|---|---|
| 09 64 29 00-0025 | SF | 2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring | 13.93 | 0.86 |
| | | *For Factory Finish, Add* | *0.89* | |
| | | *For Random Width Floor, Add* | *3.23* | |
| | | *For Up To 20, Add* | *4.36* | |
| | | *For >20 To 50, Add* | *2.40* | |
| | | *For >50 To 100, Add* | *1.20* | |
| | | *For >100 To 300, Add* | *0.60* | |
| 09 64 29 00-0026 | SF | 2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring | 12.62 | 0.86 |
| | | *For Factory Finish, Add* | *0.76* | |
| | | *For Random Width Floor, Add* | *2.90* | |
| | | *For Up To 20, Add* | *4.17* | |
| | | *For >20 To 50, Add* | *2.27* | |
| | | *For >50 To 100, Add* | *1.14* | |
| | | *For >100 To 300, Add* | *0.57* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 64 29 00-0027 | SF | 3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring | 13.27 | 0.86 |
| | | *For Factory Finish, Add* | *0.94* | |
| | | *For Random Width Floor, Add* | *3.12* | |
| | | *For Up To 20, Add* | *3.73* | |
| | | *For >20 To 50, Add* | *2.10* | |
| | | *For >50 To 100, Add* | *1.05* | |
| | | *For >100 To 300, Add* | *0.52* | |
| 09 64 29 00-0028 | SF | 3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring | 11.96 | 0.86 |
| | | *For Factory Finish, Add* | *0.81* | |
| | | *For Random Width Floor, Add* | *2.80* | |
| | | *For Up To 20, Add* | *3.53* | |
| | | *For >20 To 50, Add* | *1.97* | |
| | | *For >50 To 100, Add* | *0.98* | |
| | | *For >100 To 300, Add* | *0.49* | |

### 09 64 29 00-0029 Prefinished Engineered Wood Flooring *(09 64 29)*

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

| | | | | |
|---|---|---|---|---|
| 09 64 29 00-0030 | SF | 1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring | 14.43 | 0.86 |
| | | *For Up To 20, Add* | *3.68* | |
| | | *For >20 To 50, Add* | *2.12* | |
| | | *For >50 To 100, Add* | *1.06* | |
| | | *For >100 To 300, Add* | *0.53* | |
| 09 64 29 00-0031 | SF | 1/2" Thick, White Oak, Prefinished Engineered Wood Flooring | 14.43 | 0.86 |
| | | *For Up To 20, Add* | *3.68* | |
| | | *For >20 To 50, Add* | *2.12* | |
| | | *For >50 To 100, Add* | *1.06* | |
| | | *For >100 To 300, Add* | *0.53* | |
| 09 64 29 00-0032 | SF | 1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring | 13.95 | 0.86 |
| | | *For Up To 20, Add* | *3.61* | |
| | | *For >20 To 50, Add* | *2.07* | |
| | | *For >50 To 100, Add* | *1.03* | |
| | | *For >100 To 300, Add* | *0.52* | |
| 09 64 29 00-0033 | SF | 1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring | 14.31 | 0.86 |
| | | *For Up To 20, Add* | *3.66* | |
| | | *For >20 To 50, Add* | *2.11* | |
| | | *For >50 To 100, Add* | *1.05* | |
| | | *For >100 To 300, Add* | *0.53* | |

## 09 64 66 Wood Athletic Flooring *(09 64)*

Note: On shims, sleepers and/or screeds. 1-1/2" or 2-1/4" widths. Excludes finish.

### 09 64 66 00-0001 Wood Gym/Stage/Dance Floors *(09 64 66)*

Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.

| | | | | |
|---|---|---|---|---|
| 09 64 66 00-0002 | SF | 25/32" Maple Wood Gym/Stage/Dance Floor | 13.38 | 4.30 |
| | | *For Oak Or Birch, Deduct* | *-0.20* | |
| | | *For Pine, Deduct* | *-0.30* | |
| | | *For #1 Grade Material, Add* | *0.50* | |
| 09 64 66 00-0003 | SF | Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion)<br>Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads. | 17.99 | 5.58 |
| | | *For Oak Or Birch, Deduct* | *-0.20* | |
| | | *For Pine, Deduct* | *-0.30* | |
| | | *For #1 Grade Material, Add* | *0.50* | |
| 09 64 66 00-0004 | SF | Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok)<br>Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads. | 19.19 | 5.58 |
| | | *For Oak Or Birch, Deduct* | *-0.20* | |
| | | *For Pine, Deduct* | *-0.30* | |
| | | *For #1 Grade Material, Add* | *0.50* | |
| 09 64 66 00-0005 | SF | Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex)<br>Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper. | 21.87 | 5.58 |
| | | *For Oak Or Birch, Deduct* | *-0.20* | |
| | | *For Pine, Deduct* | *-0.30* | |
| | | *For #1 Grade Material, Add* | *0.50* | |
| 09 64 66 00-0006 | SF | Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus)<br>Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips. | 20.67 | 5.58 |
| | | *For Oak Or Birch, Deduct* | *-0.20* | |
| | | *For Pine, Deduct* | *-0.30* | |
| | | *For #1 Grade Material, Add* | *0.50* | |
| 09 64 66 00-0007 | SF | Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock)<br>Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel. | 23.01 | 5.58 |
| | | *For Oak Or Birch, Deduct* | *-0.20* | |
| | | *For Pine, Deduct* | *-0.30* | |
| | | *For #1 Grade Material, Add* | *0.50* | |

## 09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 09 65 13 Resilient Base and Accessories *(09 65)*

### 09 65 13 13 Resilient Base *(09 65 13)*

#### 09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

| | | | | |
|---|---|---|---|---|
| 09 65 13 13-0002 | LF | 2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors | 3.18 | 1.07 |
| | | *For Up To 20, Add* | *1.33* | |
| | | *For >20 To 40, Add* | *0.75* | |
| | | *For >40 To 80, Add* | *0.27* | |
| | | *For >240 To 960, Deduct* | *-0.21* | |
| | | *For >960, Deduct* | *-0.32* | |
| 09 65 13 13-0003 | LF | 4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors | 3.58 | 1.07 |
| | | *For Up To 20, Add* | *1.39* | |
| | | *For >20 To 40, Add* | *0.79* | |
| | | *For >40 To 80, Add* | *0.29* | |
| | | *For >240 To 960, Deduct* | *-0.25* | |
| | | *For >960, Deduct* | *-0.38* | |
| 09 65 13 13-0004 | LF | 6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors | 4.43 | 1.07 |
| | | *For Up To 20, Add* | *1.52* | |
| | | *For >20 To 40, Add* | *0.87* | |
| | | *For >40 To 80, Add* | *0.33* | |
| | | *For >240 To 960, Deduct* | *-0.34* | |
| | | *For >960, Deduct* | *-0.50* | |

#### 09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

| | | | | |
|---|---|---|---|---|
| 09 65 13 13-0006 | LF | 2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors | 3.44 | 1.07 |
| | | *For Up To 20, Add* | *1.37* | |
| | | *For >20 To 40, Add* | *0.77* | |
| | | *For >40 To 80, Add* | *0.28* | |
| | | *For >240 To 960, Deduct* | *-0.24* | |
| | | *For >960, Deduct* | *-0.36* | |
| 09 65 13 13-0007 | LF | 4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors | 3.73 | 1.07 |
| | | *For Up To 20, Add* | *1.42* | |
| | | *For >20 To 40, Add* | *0.80* | |
| | | *For >40 To 80, Add* | *0.29* | |
| | | *For >240 To 960, Deduct* | *-0.27* | |
| | | *For >960, Deduct* | *-0.40* | |
| 09 65 13 13-0008 | LF | 6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors | 4.56 | 1.07 |
| | | *For Up To 20, Add* | *1.54* | |
| | | *For >20 To 40, Add* | *0.88* | |
| | | *For >40 To 80, Add* | *0.34* | |
| | | *For >240 To 960, Deduct* | *-0.35* | |
| | | *For >960, Deduct* | *-0.52* | |
| 09 65 13 13-0009 | LF | 2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors | 5.71 | 1.07 |
| | | *For Up To 20, Add* | *1.71* | |
| | | *For >20 To 40, Add* | *1.00* | |
| | | *For >40 To 80, Add* | *0.39* | |
| | | *For >240 To 960, Deduct* | *-0.46* | |
| | | *For >960, Deduct* | *-0.70* | |
| 09 65 13 13-0010 | LF | 3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors | 5.96 | 1.07 |
| | | *For Up To 20, Add* | *1.75* | |
| | | *For >20 To 40, Add* | *1.02* | |
| | | *For >40 To 80, Add* | *0.41* | |
| | | *For >240 To 960, Deduct* | *-0.49* | |
| | | *For >960, Deduct* | *-0.73* | |
| 09 65 13 13-0011 | LF | 4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors | 7.25 | 1.07 |
| | | *For Up To 20, Add* | *1.94* | |
| | | *For >20 To 40, Add* | *1.15* | |
| | | *For >40 To 80, Add* | *0.47* | |
| | | *For >240 To 960, Deduct* | *-0.62* | |
| | | *For >960, Deduct* | *-0.93* | |
| 09 65 13 13-0012 | LF | 6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors | 9.82 | 1.07 |
| | | *For Up To 20, Add* | *2.33* | |
| | | *For >20 To 40, Add* | *1.41* | |
| | | *For >40 To 80, Add* | *0.60* | |
| | | *For >240 To 960, Deduct* | *-0.88* | |
| | | *For >960, Deduct* | *-1.31* | |

#### 09 65 13 13-0013 Type TS Thermoset Vulcanized Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

| | | | | |
|---|---|---|---|---|
| 09 65 13 13-0014 | LF | 2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors | 3.76 | 1.29 |
| | | *For Up To 20, Add* | *1.42* | |
| | | *For >20 To 40, Add* | *0.80* | |
| | | *For >40 To 80, Add* | *0.30* | |
| | | *For >240 To 960, Deduct* | *-0.27* | |
| | | *For >960, Deduct* | *-0.40* | |
| 09 65 13 13-0015 | LF | 4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors | 3.78 | 1.07 |
| | | *For Up To 20, Add* | *1.42* | |
| | | *For >20 To 40, Add* | *0.81* | |
| | | *For >40 To 80, Add* | *0.30* | |
| | | *For >240 To 960, Deduct* | *-0.27* | |
| | | *For >960, Deduct* | *-0.41* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 65 13 13-0016 | LF | 6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors | 5.40 | 1.29 |
| | | *For Up To 20, Add* | *1.84* | |
| | | *For >20 To 40, Add* | *1.05* | |
| | | *For >40 To 80, Add* | *0.40* | |
| | | *For >240 To 960, Deduct* | *-0.41* | |
| | | *For >960, Deduct* | *-0.62* | |

## 09 65 13 23 Resilient Stair Treads and Risers *(09 65 13)*

Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread. All colors.

### 09 65 13 23-0001 Rubber Stair Treads and Risers *(09 65 13 23)*

### 09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 23-0003 | LF | 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread<br>Note: Raised disc or other pattern. | 13.70 | 1.71 |
| | | *For Abrasive Strip, Add* | *2.75* | |
| | | *For Photo Luminescent Abrasive Strip, Add* | *3.75* | |
| 09 65 13 23-0004 | LF | 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread<br>Note: Raised disc or other pattern. | 14.74 | 1.84 |
| | | *For Abrasive Strip, Add* | *2.75* | |
| | | *For Photo Luminescent Abrasive Strip, Add* | *3.75* | |
| 09 65 13 23-0005 | LF | 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread<br>Note: Raised disc or other pattern. | 17.88 | 1.97 |
| | | *For Abrasive Strip, Add* | *2.75* | |
| | | *For Photo Luminescent Abrasive Strip, Add* | *3.75* | |

### 09 65 13 23-0006 Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 23-0007 | LF | 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread<br>Note: Smooth surface. | 12.92 | 1.71 |
| | | *For Abrasive Strip, Add* | *2.75* | |
| | | *For Photo Luminescent Abrasive Strip, Add* | *3.75* | |
| 09 65 13 23-0008 | LF | 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread<br>Note: Smooth surface. | 13.79 | 1.84 |
| | | *For Abrasive Strip, Add* | *2.75* | |
| | | *For Photo Luminescent Abrasive Strip, Add* | *3.75* | |
| 09 65 13 23-0009 | LF | 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread<br>Note: Smooth surface. | 16.72 | 1.97 |
| | | *For Abrasive Strip, Add* | *2.75* | |
| | | *For Photo Luminescent Abrasive Strip, Add* | *3.75* | |

### 09 65 13 23-0010 Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 23-0011 | LF | 1/8" Thick, Smooth Surface Rubber Stair Riser | 7.54 | 1.03 |

### 09 65 13 23-0012 Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 23-0013 | SF | 1/8" Thick, Rubber Landing Mats<br>Note: Smooth, raised disc or other patterned surface. | 22.97 | 1.58 |
| 09 65 13 23-0014 | SF | 3/16" Thick, Rubber Landing Mats<br>Note: Smooth, raised disc or other patterned surface. | 27.55 | 1.71 |
| 09 65 13 23-0015 | SF | 7/32" Thick, Rubber Landing Mats<br>Note: Smooth, raised disc or other patterned surface. | 30.04 | 1.92 |

### 09 65 13 23-0016 Vinyl Stair Treads and Risers *(09 65 13 23)*

### 09 65 13 23-0017 Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 23-0018 | LF | 1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread | 15.44 | 1.56 |
| | | *For Abrasive Strip, Add* | *2.75* | |
| 09 65 13 23-0019 | LF | 3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread | 17.08 | 1.71 |
| | | *For Abrasive Strip, Add* | *2.75* | |
| 09 65 13 23-0020 | LF | 1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread | 20.67 | 1.85 |
| | | *For Abrasive Strip, Add* | *2.75* | |

### 09 65 13 23-0021 Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 23-0022 | LF | 1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser | 8.52 | 1.03 |

## 09 65 13 33 Resilient Accessories *(09 65 13)*

### 09 65 13 33-0001 Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 33-0002 | SF | 1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers | 1.58 | 0.86 |
| 09 65 13 33-0003 | SF | 1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers | 2.46 | 0.86 |

### 09 65 13 33-0004 Concrete Floor Prep *(09 65 13 33)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 33-0005 | SF | Removal Of Glue From Concrete Floor<br>Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation. | 1.07 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 09 65 13 36 Resilient Carpet Transitions *(09 65 13)*

### 09 65 13 36-0001 Vinyl Transition Strip *(09 65 13 36)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 36-0002 | LF | Vinyl Transition Strip, Brown Or Black | 1.78 | 0.78 |
| | | *For Up To 20, Add* | *0.70* | |
| | | *For >20 To 40, Add* | *0.39* | |
| | | *For >40 To 80, Add* | *0.14* | |
| | | *For >240 To 960, Deduct* | *-0.12* | |
| | | *For >960, Deduct* | *-0.19* | |
| 09 65 13 36-0003 | LF | Vinyl Floor Tile Reducer Strip, Brown Or Black | 1.63 | 0.78 |
| | | *For Up To 20, Add* | *0.67* | |
| | | *For >20 To 40, Add* | *0.38* | |
| | | *For >40 To 80, Add* | *0.14* | |
| | | *For >240 To 960, Deduct* | *-0.11* | |
| | | *For >960, Deduct* | *-0.16* | |
| 09 65 13 36-0004 | LF | Vinyl Floor Tile Feature Strip, Brown Or Black | 1.45 | 0.78 |
| | | *For Up To 20, Add* | *0.65* | |
| | | *For >20 To 40, Add* | *0.36* | |
| | | *For >40 To 80, Add* | *0.13* | |
| | | *For >240 To 960, Deduct* | *-0.09* | |
| | | *For >960, Deduct* | *-0.14* | |
| 09 65 13 36-0005 | LF | 1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A) | 2.77 | 1.07 |
| | | *For Up To 20, Add* | *1.10* | |
| | | *For >20 To 40, Add* | *0.62* | |
| | | *For >40 To 80, Add* | *0.22* | |
| | | *For >240 To 960, Deduct* | *-0.19* | |
| | | *For >960, Deduct* | *-0.29* | |

### 09 65 13 36-0006 Vinyl, Wheeled Traffic Transitions *(09 65 13 36)*

| | | | | |
|---|---|---|---|---|
| 09 65 13 36-0007 | LF | 1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A) | 3.46 | 1.07 |
| | | *For Up To 20, Add* | *1.20* | |
| | | *For >20 To 40, Add* | *0.69* | |
| | | *For >40 To 80, Add* | *0.26* | |
| | | *For >240 To 960, Deduct* | *-0.26* | |
| | | *For >960, Deduct* | *-0.39* | |
| 09 65 13 36-0008 | LF | 1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C) | 3.46 | 1.07 |
| | | *For Up To 20, Add* | *1.20* | |
| | | *For >20 To 40, Add* | *0.69* | |
| | | *For >40 To 80, Add* | *0.26* | |
| | | *For >240 To 960, Deduct* | *-0.26* | |
| | | *For >960, Deduct* | *-0.39* | |
| 09 65 13 36-0009 | LF | 5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D) | 4.23 | 1.07 |
| | | *For Up To 20, Add* | *1.32* | |
| | | *For >20 To 40, Add* | *0.77* | |
| | | *For >40 To 80, Add* | *0.30* | |
| | | *For >240 To 960, Deduct* | *-0.34* | |
| | | *For >960, Deduct* | *-0.51* | |
| 09 65 13 36-0010 | LF | 1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H) | 6.98 | 1.07 |
| | | *For Up To 20, Add* | *1.73* | |
| | | *For >20 To 40, Add* | *1.04* | |
| | | *For >40 To 80, Add* | *0.43* | |
| | | *For >240 To 960, Deduct* | *-0.61* | |
| | | *For >960, Deduct* | *-0.92* | |
| 09 65 13 36-0011 | LF | 1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL) | 7.00 | 1.07 |
| | | *For Up To 20, Add* | *1.73* | |
| | | *For >20 To 40, Add* | *1.04* | |
| | | *For >40 To 80, Add* | *0.44* | |
| | | *For >240 To 960, Deduct* | *-0.61* | |
| | | *For >960, Deduct* | *-0.92* | |
| 09 65 13 36-0012 | LF | 1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT) | 4.64 | 1.07 |
| | | *For Up To 20, Add* | *1.38* | |
| | | *For >20 To 40, Add* | *0.81* | |
| | | *For >40 To 80, Add* | *0.32* | |
| | | *For >240 To 960, Deduct* | *-0.38* | |
| | | *For >960, Deduct* | *-0.57* | |
| 09 65 13 36-0013 | LF | 1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J) | 6.81 | 1.07 |
| | | *For Up To 20, Add* | *1.71* | |
| | | *For >20 To 40, Add* | *1.02* | |
| | | *For >40 To 80, Add* | *0.43* | |
| | | *For >240 To 960, Deduct* | *-0.60* | |
| | | *For >960, Deduct* | *-0.89* | |
| 09 65 13 36-0014 | LF | 1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL) | 7.05 | 1.07 |
| | | *For Up To 20, Add* | *1.74* | |
| | | *For >20 To 40, Add* | *1.05* | |
| | | *For >40 To 80, Add* | *0.44* | |
| | | *For >240 To 960, Deduct* | *-0.62* | |
| | | *For >960, Deduct* | *-0.93* | |
| 09 65 13 36-0015 | LF | 3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K) | 5.94 | 1.07 |
| | | *For Up To 20, Add* | *1.58* | |
| | | *For >20 To 40, Add* | *0.94* | |
| | | *For >40 To 80, Add* | *0.38* | |
| | | *For >240 To 960, Deduct* | *-0.51* | |
| | | *For >960, Deduct* | *-0.76* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 65 13 36-0016 | LF | 3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L) | 6.49 | 1.07 |
| | | *For Up To 20, Add* | *1.66* | |
| | | *For >20 To 40, Add* | *0.99* | |
| | | *For >40 To 80, Add* | *0.41* | |
| | | *For >240 To 960, Deduct* | *-0.56* | |
| | | *For >960, Deduct* | *-0.85* | |
| 09 65 13 36-0017 | LF | 1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M) | 7.05 | 1.07 |
| | | *For Up To 20, Add* | *1.74* | |
| | | *For >20 To 40, Add* | *1.05* | |
| | | *For >40 To 80, Add* | *0.44* | |
| | | *For >240 To 960, Deduct* | *-0.62* | |
| | | *For >960, Deduct* | *-0.93* | |
| 09 65 13 36-0018 | LF | 1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N) | 5.84 | 1.07 |
| | | *For Up To 20, Add* | *1.56* | |
| | | *For >20 To 40, Add* | *0.93* | |
| | | *For >40 To 80, Add* | *0.38* | |
| | | *For >240 To 960, Deduct* | *-0.50* | |
| | | *For >960, Deduct* | *-0.75* | |
| 09 65 13 36-0019 | LF | 3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P) | 4.94 | 1.07 |
| | | *For Up To 20, Add* | *1.43* | |
| | | *For >20 To 40, Add* | *0.84* | |
| | | *For >40 To 80, Add* | *0.33* | |
| | | *For >240 To 960, Deduct* | *-0.41* | |
| | | *For >960, Deduct* | *-0.61* | |
| 09 65 13 36-0020 | LF | 3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL) | 7.25 | 1.07 |
| | | *For Up To 20, Add* | *1.77* | |
| | | *For >20 To 40, Add* | *1.07* | |
| | | *For >40 To 80, Add* | *0.45* | |
| | | *For >240 To 960, Deduct* | *-0.64* | |
| | | *For >960, Deduct* | *-0.96* | |
| 09 65 13 36-0021 | LF | 1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q) | 9.33 | 1.07 |
| | | *For Up To 20, Add* | *2.08* | |
| | | *For >20 To 40, Add* | *1.28* | |
| | | *For >40 To 80, Add* | *0.55* | |
| | | *For >240 To 960, Deduct* | *-0.85* | |
| | | *For >960, Deduct* | *-1.27* | |
| 09 65 13 36-0022 | LF | 0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X) | 4.80 | 1.07 |
| | | *For Up To 20, Add* | *1.40* | |
| | | *For >20 To 40, Add* | *0.82* | |
| | | *For >40 To 80, Add* | *0.33* | |
| | | *For >240 To 960, Deduct* | *-0.39* | |
| | | *For >960, Deduct* | *-0.59* | |
| 09 65 13 36-0023 | LF | 0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y) | 4.87 | 1.07 |
| | | *For Up To 20, Add* | *1.41* | |
| | | *For >20 To 40, Add* | *0.83* | |
| | | *For >40 To 80, Add* | *0.33* | |
| | | *For >240 To 960, Deduct* | *-0.40* | |
| | | *For >960, Deduct* | *-0.60* | |
| 09 65 13 36-0024 | LF | 0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z) | 5.52 | 1.07 |
| | | *For Up To 20, Add* | *1.51* | |
| | | *For >20 To 40, Add* | *0.89* | |
| | | *For >40 To 80, Add* | *0.36* | |
| | | *For >240 To 960, Deduct* | *-0.47* | |
| | | *For >960, Deduct* | *-0.70* | |

## 09 65 16 Resilient Sheet Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

### 09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

#### 09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

| | | | | |
|---|---|---|---|---|
| 09 65 16 23-0002 | SF | 0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®) | 9.75 | 0.64 |
| | | *For Up To 40, Add* | *3.65* | |
| | | *For >40 To 100, Add* | *1.83* | |
| | | *For >1,000, Deduct* | *-0.84* | |
| 09 65 16 23-0003 | SF | 0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medley™) | 7.95 | 0.64 |
| | | *For Up To 40, Add* | *3.29* | |
| | | *For >40 To 100, Add* | *1.65* | |
| | | *For >1,000, Deduct* | *-0.66* | |
| 09 65 16 23-0004 | SF | 0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®) | 5.14 | 0.64 |
| | | *For Up To 40, Add* | *2.73* | |
| | | *For >40 To 100, Add* | *1.37* | |
| | | *For >1,000, Deduct* | *-0.38* | |
| 09 65 16 23-0005 | SF | 0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™) | 6.71 | 0.64 |
| | | *For Up To 40, Add* | *3.05* | |
| | | *For >40 To 100, Add* | *1.52* | |
| | | *For >1,000, Deduct* | *-0.54* | |
| 09 65 16 23-0006 | SF | 0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®) | 9.03 | 0.64 |
| | | *For Up To 40, Add* | *3.51* | |
| | | *For >40 To 100, Add* | *1.75* | |
| | | *For >1,000, Deduct* | *-0.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 65 16 23-0007 | SF | 0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®) | 12.52 | 0.64 |
| | | *For Up To 40, Add* | *4.21* | |
| | | *For >40 To 100, Add* | *2.10* | |
| | | *For >1,000, Deduct* | *-1.12* | |

### 09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

| | | | | |
|---|---|---|---|---|
| 09 65 16 23-0009 | LF | Heat Weld Non-Patterned Vinyl Sheet Flooring Seams | 6.07 | |
| 09 65 16 23-0010 | LF | Heat Weld Patterned Vinyl Sheet Flooring Seams | 6.45 | |

### 09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*

Note: Excludes heat welding.

| | | | | |
|---|---|---|---|---|
| 09 65 16 23-0012 | EA | Forming Vinyl Sheet Flooring Inside/Outside Cove Corners | 14.27 | |

### 09 65 16 23-0013 Vinyl Sheet Flooring Accessories *(09 65 16 23)*

| | | | | |
|---|---|---|---|---|
| 09 65 16 23-0014 | LF | 1/2" Radius Vinyl Cove Filler Strip | 3.76 | |
| 09 65 16 23-0015 | LF | 1-1/4" Radius Vinyl Cove Filler Strip | 3.37 | |
| 09 65 16 23-0016 | LF | 1-1/2" Radius Vinyl Cove Filler Strip | 5.19 | |
| 09 65 16 23-0017 | LF | 1/8" Aluminum Cove Cap | 2.61 | |

## 09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

### 09 65 19 19 Vinyl Composition Tile Flooring *(09 65 19)*

### 09 65 19 19-0001 Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

| | | | | |
|---|---|---|---|---|
| 09 65 19 19-0002 | SF | 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®) | 2.85 | 1.29 |
| | | *For 3/32" Thick, Deduct* | *-0.13* | |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.06* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.17* | |
| | | *For >6,000, Deduct* | *-0.31* | |
| 09 65 19 19-0003 | SF | 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™) | 2.76 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.06* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.17* | |
| | | *For >6,000, Deduct* | *-0.31* | |
| 09 65 19 19-0004 | SF | 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®) | 2.76 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.06* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.17* | |
| | | *For >6,000, Deduct* | *-0.31* | |
| 09 65 19 19-0005 | SF | 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™) | 3.86 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.09* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.21* | |
| | | *For >6,000, Deduct* | *-0.37* | |
| 09 65 19 19-0006 | SF | 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®) | 3.87 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.09* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.21* | |
| | | *For >6,000, Deduct* | *-0.37* | |
| 09 65 19 19-0007 | SF | 1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®) | 4.08 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.09* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.22* | |
| | | *For >6,000, Deduct* | *-0.39* | |
| 09 65 19 19-0008 | SF | 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®) | 4.12 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.09* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.22* | |
| | | *For >6,000, Deduct* | *-0.39* | |
| 09 65 19 19-0009 | SF | 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™) | 4.25 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.09* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.23* | |
| | | *For >6,000, Deduct* | *-0.40* | |
| 09 65 19 19-0010 | SF | 1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™) | 5.45 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.12* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.27* | |
| | | *For >6,000, Deduct* | *-0.47* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 65 19 19-0011 | SF | 1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™) | 5.92 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.13* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.29* | |
| | | *For >6,000, Deduct* | *-0.50* | |

### 09 65 19 19-0012 Static Dissipative Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.

| | | | | |
|---|---|---|---|---|
| 09 65 19 19-0013 | SF | 1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™) | 16.40 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-2.55* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.34* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.75* | |
| | | *For >6,000, Deduct* | *-1.23* | |
| 09 65 19 19-0014 | SF | 1/8" Thick, Static Dissipative, Soild Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD) | 13.31 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-2.55* | |
| | | *For Up To 20, Add* | *3.07* | |
| | | *For >20 To 40, Add* | *1.87* | |
| | | *For >40 To 80, Add* | *0.80* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.28* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.63* | |
| | | *For >6,000, Deduct* | *-1.04* | |

## 09 65 19 23 Vinyl Tile Flooring *(09 65 19)*

### 09 65 19 23-0001 Vinyl Tile *(09 65 19 23)*

Note: Any size.

### 09 65 19 23-0002 Solid Vinyl Tile (SVT) *(09 65 19 23-0001)*

Note: The following solid vinyl tiles are certified to ASTM F 1700.

| | | | | |
|---|---|---|---|---|
| 09 65 19 23-0003 | SF | 1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande) | 6.69 | 1.29 |
| | | *For Up To 20, Add* | *1.88* | |
| | | *For >20 To 40, Add* | *1.11* | |
| | | *For >40 To 80, Add* | *0.44* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.14* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.34* | |
| | | *For >6,000, Deduct* | *-0.60* | |
| 09 65 19 23-0004 | SF | 1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors) | 6.85 | 1.29 |
| | | *For Up To 20, Add* | *1.90* | |
| | | *For >20 To 40, Add* | *1.12* | |
| | | *For >40 To 80, Add* | *0.45* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.15* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.35* | |
| | | *For >6,000, Deduct* | *-0.61* | |
| 09 65 19 23-0005 | SF | 1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR) | 6.96 | 1.29 |
| | | *For Up To 20, Add* | *1.92* | |
| | | *For >20 To 40, Add* | *1.13* | |
| | | *For >40 To 80, Add* | *0.46* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.15* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.36* | |
| | | *For >6,000, Deduct* | *-0.61* | |

## 09 65 19 33 Rubber Tile Flooring *(09 65 19)*

### 09 65 19 33-0001 Rubber Tile *(09 65 19 33)*

### 09 65 19 33-0002 Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0001)*

| | | | | |
|---|---|---|---|---|
| 09 65 19 33-0003 | SF | 1/8" Thick Rubber Tile With Raised Discs<br>Note: Smooth, raised disc or other patterned surface. | 19.92 | 0.78 |
| | | *For Up To 20, Add* | *3.62* | |
| | | *For >20 To 40, Add* | *2.31* | |
| | | *For >40 To 100, Add* | *1.08* | |
| 09 65 19 33-0004 | SF | 3/16" Thick Rubber Tile With Raised Discs<br>Note: Smooth, raised disc or other patterned surface. | 24.21 | 0.86 |
| | | *For Up To 20, Add* | *4.32* | |
| | | *For >20 To 40, Add* | *2.76* | |
| | | *For >40 To 100, Add* | *1.30* | |
| 09 65 19 33-0005 | SF | 7/32" Thick Rubber Tile With Raised Discs<br>Note: Smooth, raised disc or other patterned surface. | 26.90 | 1.03 |
| | | *For Up To 20, Add* | *4.86* | |
| | | *For >20 To 40, Add* | *3.10* | |
| | | *For >40 To 100, Add* | *1.45* | |

## 09 65 19 43 Polyester Composition Tile Flooring *(09 65 19)*

### 09 65 19 43-0001 Polyester Composition Floor Tile *(09 65 19 43)*

Note: Any size.

| | | | | |
|---|---|---|---|---|
| 09 65 19 43-0002 | SF | 1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®) | 3.90 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.09* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.21* | |
| | | *For >6,000, Deduct* | *-0.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 65 19 43-0003 | SF | 1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®) | 4.40 | 1.29 |
| | | *For Extra Stock, Material Only, Deduct* | *-1.50* | |
| | | *For >1,000 To 3,000, Deduct* | *-0.10* | |
| | | *For >3,000 To 6,000, Deduct* | *-0.23* | |
| | | *For >6,000, Deduct* | *-0.41* | |

### 09 65 43 Linoleum Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

#### 09 65 43 00-0001 Linoleum Flooring *(09 65 43)*

| | | | | |
|---|---|---|---|---|
| 09 65 43 00-0002 | SF | Linoleum Tile (Forbo Marmoleum Composition Tile, MCT) | 6.21 | 1.29 |
| | | *For Up To 20, Add* | *1.81* | |
| | | *For >20 To 40, Add* | *1.06* | |
| | | *For >40 To 100, Add* | *0.42* | |
| 09 65 43 00-0003 | SF | 2.5 mm, Linoleum Sheet (Forbo Marmoleum) | 4.65 | 0.64 |
| | | *For Up To 20, Add* | *1.22* | |
| | | *For >20 To 40, Add* | *0.73* | |
| | | *For >40 To 100, Add* | *0.30* | |
| | | *For 3.2mm Thickness, Add* | *0.67* | |
| | | *For 2mm Thickness, Deduct* | *-0.32* | |
| 09 65 43 00-0004 | LF | Heat Weld Linoleum Sheet Flooring Seams<br>Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam. | 6.07 | |

### 09 65 66 Resilient Athletic Flooring *(09 65)*

#### 09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles *(09 65 66)*

| | | | | |
|---|---|---|---|---|
| 09 65 66 00-0002 | SF | 3/8" Height, Recycled Rubber, Interlocking Athletic Tile | 6.70 | 0.60 |
| | | *For Colors, Add* | *1.17* | |
| 09 65 66 00-0003 | SF | 1/2" Height, Recycled Rubber, Interlocking Athletic Tile | 7.78 | 0.75 |
| | | *For Colors, Add* | *1.34* | |
| 09 65 66 00-0004 | SF | 3/4" Height, Recycled Rubber, Interlocking Athletic Tile | 9.01 | 1.20 |
| | | *For Colors, Add* | *1.46* | |
| 09 65 66 00-0005 | SF | 1" Height, Recycled Rubber, Interlocking Athletic Tile | 13.11 | 1.46 |
| | | *For Colors, Add* | *2.21* | |

#### 09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles *(09 65 66)*

| | | | | |
|---|---|---|---|---|
| 09 65 66 00-0007 | SF | 3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155) | 35.86 | 0.60 |
| | | *For Colors, Add* | *4.38* | |
| 09 65 66 00-0008 | SF | 9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100) | 51.92 | 0.60 |
| | | *For Colors, Add* | *6.38* | |
| 09 65 66 00-0009 | SF | 3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100) | 37.88 | 0.60 |
| | | *For Colors, Add* | *4.63* | |
| 09 65 66 00-0010 | SF | 9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200) | 46.63 | 0.60 |
| | | *For Colors, Add* | *5.72* | |
| 09 65 66 00-0011 | SF | 7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150) | 38.96 | 0.60 |
| | | *For Colors, Add* | *4.76* | |

#### 09 65 66 00-0012 Sheet Goods For Gym *(09 65 66)*

| | | | | |
|---|---|---|---|---|
| 09 65 66 00-0013 | SF | 1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor | 15.99 | 2.57 |
| 09 65 66 00-0014 | SF | 9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor | 16.92 | 2.66 |
| 09 65 66 00-0015 | SF | 3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor | 17.74 | 2.74 |
| 09 65 66 00-0016 | SF | 1/8" Rubber Sheet Good For Gym Floor Base | 4.42 | 2.09 |
| 09 65 66 00-0017 | SF | 3/16" Rubber Sheet Good For Gym Floor Base | 4.97 | 2.40 |
| 09 65 66 00-0018 | SF | 1/4" Rubber Sheet Good For Gym Floor Base | 5.74 | 2.57 |
| 09 65 66 00-0019 | SF | 3/8" Rubber Sheet Good For Gym Floor Base | 6.31 | 2.74 |
| 09 65 66 00-0020 | SF | 1/2" Rubber Sheet Good For Gym Floor Base | 6.68 | 2.91 |

#### 09 65 66 00-0021 Polyurethane Floor Systems *(09 65 66)*

See CSI section 09 93 23 53-0015 for game lines.

| | | | | |
|---|---|---|---|---|
| 09 65 66 00-0022 | SF | 9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic) | 20.65 | 1.71 |

## 09 66 Terrazzo Flooring *(09 60)*

### 09 66 13 Portland Cement Terrazzo Flooring *(09 66)*

Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

### 09 66 13 13 Sand Cushion Terrazzo Flooring *(09 66 13)*

#### 09 66 13 13-0001 Floors Not Bonded To Concrete *(09 66 13 13)*

Note: 3" Thick - 5/8" topping and 1/4" sand cushion.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 66 13 13-0002 | SF | Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion | 27.79 | 2.30 |
| | | *For Venetian Type Terrazzo, Add* | *7.74* | |
| | | *For Abrasive Heavy Duty Terrazzo, Add* | *7.74* | |
| | | *For Colors, Add* | *3.87* | |
| | | *For Up To 100, Add* | *6.47* | |
| | | *For >100 To 250, Add* | *3.24* | |
| 09 66 13 13-0003 | SF | Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion | 27.94 | 2.30 |
| | | *For Venetian Type Terrazzo, Add* | *7.82* | |
| | | *For Abrasive Heavy Duty Terrazzo, Add* | *7.82* | |
| | | *For Colors, Add* | *3.91* | |
| | | *For Up To 100, Add* | *6.49* | |
| | | *For >100 To 250, Add* | *3.24* | |

## 09 66 13 16 Monolithic Terrazzo Flooring *(09 66 13)*

### 09 66 13 16-0001 Monolithic Terrazzo *(09 66 13 16)*

| | | | | |
|---|---|---|---|---|
| 09 66 13 16-0002 | SF | Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping | 15.74 | 2.30 |
| | | Note: Including Mesh And Felt | | |
| | | *For Venetian Type Terrazzo, Add* | *5.64* | |
| | | *For Abrasive Heavy Duty Terrazzo, Add* | *5.64* | |
| | | *For Colors, Add* | *2.82* | |
| | | *For Up To 100, Add* | *2.92* | |
| | | *For >100 To 250, Add* | *1.46* | |

## 09 66 13 19 Bonded Terrazzo Flooring *(09 66 13)*

### 09 66 13 19-0001 Floors Bonded To Concrete *(09 66 13 19)*

Note: 1-3/4" Thick - 5/8" topping.

| | | | | |
|---|---|---|---|---|
| 09 66 13 19-0002 | SF | Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping | 22.24 | 2.30 |
| | | *For Venetian Type Terrazzo, Add* | *6.39* | |
| | | *For Abrasive Heavy Duty Terrazzo, Add* | *6.39* | |
| | | *For Colors, Add* | *3.20* | |
| | | *For Up To 100, Add* | *5.06* | |
| | | *For >100 To 250, Add* | *2.53* | |
| 09 66 13 19-0003 | SF | Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping | 22.39 | 2.30 |
| | | *For Venetian Type Terrazzo, Add* | *6.47* | |
| | | *For Abrasive Heavy Duty Terrazzo, Add* | *6.47* | |
| | | *For Colors, Add* | *3.23* | |
| | | *For Up To 100, Add* | *5.08* | |
| | | *For >100 To 250, Add* | *2.54* | |

### 09 66 13 19-0004 Terrazzo Wainscot *(09 66 13 19)*

| | | | | |
|---|---|---|---|---|
| 09 66 13 19-0005 | SF | 1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry | 28.77 | 3.07 |
| | | *For Venetian Type Terrazzo, Add* | *4.14* | |

### 09 66 13 19-0006 Terrazzo Base *(09 66 13 19)*

| | | | | |
|---|---|---|---|---|
| 09 66 13 19-0007 | SF | 6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry | 30.09 | 2.17 |
| | | *For Venetian Type Terrazzo, Add* | *9.02* | |

### 09 66 13 19-0008 Terrazzo Curb *(09 66 13 19)*

| | | | | |
|---|---|---|---|---|
| 09 66 13 19-0009 | LF | 6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces | 72.23 | 14.46 |
| | | *For Venetian Type Terrazzo, Add* | *12.03* | |

### 09 66 13 19-0010 Stairs Cast In Place *(09 66 13 19)*

Note: Topping applied to concrete or metal.

| | | | | |
|---|---|---|---|---|
| 09 66 13 19-0011 | LF | 1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal | 29.12 | 4.61 |
| | | *For Each SF Of Abrasive Surface Finish, Add* | *0.35* | |
| | | *For Each LF Of Embedded Abrasive Strips, Add* | *0.56* | |
| | | *For Each LF Of Abrasive Metal Nosing, Add* | *3.90* | |
| | | *For Each SF Of Landings, Add* | *1.50* | |
| 09 66 13 19-0012 | LF | Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal | 71.86 | 15.38 |
| | | *For Each SF Of Abrasive Surface Finish, Add* | *0.35* | |
| | | *For Each LF Of Embedded Abrasive Strips, Add* | *0.56* | |
| | | *For Each LF Of Abrasive Metal Nosing, Add* | *3.90* | |
| | | *For Each SF Of Landings, Add* | *1.50* | |
| 09 66 13 19-0013 | SF | Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal | 29.58 | 4.61 |
| | | *For Each SF Of Abrasive Surface Finish, Add* | *0.35* | |
| | | *For Each LF Of Embedded Abrasive Strips, Add* | *0.56* | |
| | | *For Each LF Of Abrasive Metal Nosing, Add* | *3.90* | |
| | | *For Each SF Of Landings, Add* | *1.50* | |

### 09 66 13 19-0014 Divider Strips *(09 66 13 19)*

| | | | | |
|---|---|---|---|---|
| 09 66 13 19-0015 | LF | 1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip | 4.97 | 0.77 |
| 09 66 13 19-0016 | LF | 1-1/4" Deep, 14 Gauge, Brass, Divider Strip | 5.16 | 0.77 |
| 09 66 13 19-0017 | LF | 1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip | 7.78 | 0.77 |
| 09 66 13 19-0018 | LF | 1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip | 11.72 | 0.77 |
| 09 66 13 19-0019 | LF | 1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors | 4.72 | 0.77 |
| 09 66 13 19-0020 | LF | 1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors | 7.20 | 0.77 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 66 13 19-0021 | LF | Vinyl Plastic, Divider Strip For Floor | 3.89 | 0.77 |

## 09 66 16 Terrazzo Floor Tile *(09 66)*

### 09 66 16 13 Portland Cement Terrazzo Floor Tile *(09 66 16)*

#### 09 66 16 13-0001 Flooring Tiles *(09 66 16 13)*

Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".

#### 09 66 16 13-0002 Terrazzo Tiles With Non Slip Surface *(09 66 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 66 16 13-0003 | SF | 9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile | 25.12 | 2.17 |
| | | *For White Cement, Add* | *0.36* | |
| | | *For Venetian Type Terrazzo, Add* | *2.00* | |
| 09 66 16 13-0004 | SF | 12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile | 25.84 | 2.17 |
| | | *For White Cement, Add* | *0.36* | |
| | | *For Venetian Type Terrazzo, Add* | *2.00* | |
| 09 66 16 13-0005 | SF | 12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile | 30.03 | 2.17 |
| | | *For White Cement, Add* | *0.36* | |
| | | *For Venetian Type Terrazzo, Add* | *2.00* | |
| 09 66 16 13-0006 | SF | 18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile | 32.38 | 2.17 |
| | | *For White Cement, Add* | *0.36* | |
| | | *For Venetian Type Terrazzo, Add* | *2.00* | |
| 09 66 16 13-0007 | SF | 24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile | 34.16 | 2.17 |
| | | *For White Cement, Add* | *0.36* | |
| | | *For Venetian Type Terrazzo, Add* | *2.00* | |

#### 09 66 16 13-0008 Terrazzo Tile Thin Set *(09 66 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 66 16 13-0009 | SF | Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed | 24.99 | 2.17 |
| | | *For White Cement, Add* | *0.36* | |
| | | *For Venetian Type Terrazzo, Add* | *2.00* | |
| 09 66 16 13-0010 | SF | Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed | 26.75 | 2.17 |
| | | *For White Cement, Add* | *0.36* | |
| | | *For Venetian Type Terrazzo, Add* | *2.00* | |

#### 09 66 16 13-0011 Thin Set Terrazzo Wainscot *(09 66 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 66 16 13-0012 | SF | 12" x 12" x 1" Terrazzo Tile Wainscot Thin Set | 37.00 | 4.33 |
| | | *For Each LF Of White Cement, Add* | *0.50* | |
| | | *For Each LF Of Zinc Toe Strip, Add* | *1.00* | |
| 09 66 16 13-0013 | SF | 18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set | 42.07 | 4.33 |
| | | *For Each LF Of White Cement, Add* | *0.50* | |
| | | *For Each LF Of Zinc Toe Strip, Add* | *1.00* | |

#### 09 66 16 13-0014 Thin Set Terrazzo Base, Gray Cement *(09 66 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 66 16 13-0015 | LF | 6" High, Straight Terrazzo Base Thin Set, Gray Cement | 12.56 | 2.17 |
| | | *For Each LF Of White Cement, Add* | *0.50* | |
| | | *For Each LF Of Zinc Toe Strip, Add* | *1.00* | |
| 09 66 16 13-0016 | LF | 6" High, Cove Terrazzo Base Thin Set, Gray Cement | 14.20 | 2.17 |
| | | *For Each LF Of White Cement, Add* | *0.50* | |
| | | *For Each LF Of Zinc Toe Strip, Add* | *1.00* | |
| 09 66 16 13-0017 | LF | 8" High, Straight Terrazzo Base Thin Set, Gray Cement | 14.75 | 2.17 |
| | | *For Each LF Of White Cement, Add* | *0.50* | |
| | | *For Each LF Of Zinc Toe Strip, Add* | *1.00* | |
| 09 66 16 13-0018 | LF | 8" High, Cove Terrazzo Base Thin Set, Gray Cement | 15.56 | 2.17 |
| | | *For Each LF Of White Cement, Add* | *0.50* | |
| | | *For Each LF Of Zinc Toe Strip, Add* | *1.00* | |

#### 09 66 16 13-0019 Terrazzo Curbs *(09 66 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 66 16 13-0020 | LF | 8" x 8" Curb, Terrazzo Tile | 24.28 | 2.90 |
| | | *For Each LF Of White Cement, Add* | *0.50* | |
| | | *For Each LF Of Zinc Toe Strip, Add* | *1.00* | |
| 09 66 16 13-0021 | LF | 6" x 6" Curb, Terrazzo Tile | 23.46 | 2.90 |
| | | *For Each LF Of White Cement, Add* | *0.50* | |
| | | *For Each LF Of Zinc Toe Strip, Add* | *1.00* | |

#### 09 66 16 13-0022 Precast Terrazzo Stair Treads 12" Wide *(09 66 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 66 16 13-0023 | LF | 1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern | 64.25 | 2.90 |
| 09 66 16 13-0024 | LF | 1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface | 54.44 | 2.90 |
| 09 66 16 13-0025 | LF | 2" Precast Terrazzo Straight Stair Tread | 47.90 | 2.90 |
| 09 66 16 13-0026 | LF | 2" Precast Terrazzo Curved Stair Tread | 56.26 | 2.90 |

#### 09 66 16 13-0027 Stair Risers, 1" Thick To 6" High, Straight *(09 66 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 66 16 13-0028 | LF | 1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set | 28.65 | 2.17 |
| 09 66 16 13-0029 | LF | 1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set | 33.56 | 2.17 |

#### 09 66 16 13-0030 Stair Risers, 1" Thick To 6" High, Curved *(09 66 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 09 66 16 13-0031 | LF | 1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set | 42.76 | 2.17 |
| 09 66 16 13-0032 | LF | 1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set | 46.03 | 2.17 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 66 16 13-0033 | | Tread And Riser *(09 66 16 13)* | | |
| 09 66 16 13-0034 | | Stair Stringers, Notched For Treads And Risers *(09 66 16 13-0033)* | | |
| 09 66 16 13-0035 | LF | 1" Precast Terrazzo Stair Stringers Notched For Treads And Risers | 71.01 | 5.78 |
| 09 66 16 13-0036 | LF | 2" Precast Terrazzo Stair Stringers Notched For Treads And Risers | 85.89 | 5.78 |
| 09 66 16 13-0037 | | Structural Non-Slip Landings *(09 66 16 13-0033)* | | |
| 09 66 16 13-0038 | SF | 1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip | 51.37 | 2.90 |
| 09 66 16 13-0039 | SF | 3" Thick Precast Terrazzo Stair Landing Structural, Non Slip | 63.61 | 2.90 |
| 09 66 16 13-0040 | | Combined Tread And Riser *(09 66 16 13-0033)* | | |
| 09 66 16 13-0041 | | Straight Sections *(09 66 16 13-0040)* | | |
| 09 66 16 13-0042 | LF | Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section | 113.80 | 5.78 |
| 09 66 16 13-0043 | LF | Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section | 136.69 | 5.78 |
| 09 66 16 13-0044 | | Curved Sections *(09 66 16 13-0040)* | | |
| 09 66 16 13-0045 | LF | Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section | 143.45 | 5.78 |
| 09 66 16 13-0046 | LF | Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section | 182.69 | 5.78 |
| **09 66 23** | | **Resinous Matrix Terrazzo Flooring** *(09 66)* | | |
| **09 66 23 16** | | **Epoxy-Resin Terrazzo Flooring** *(09 66 23)* | | |
| 09 66 23 16-0001 | | Epoxy Terrazzo *(09 66 23 16)* | | |
| 09 66 23 16-0002 | SF | Chemical Resistant Epoxy Terrazzo, 1/4" Thick | 21.40 | 2.30 |
| **09 66 33** | | **Conductive Terrazzo Flooring** *(09 66)* | | |
| | | Note: For anti-static areas. | | |
| **09 66 33 13** | | **Conductive Epoxy-Resin Terrazzo** *(09 66 33)* | | |
| 09 66 33 13-0001 | SF | Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial | 22.33 | 3.61 |
| 09 66 33 13-0002 | SF | Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial | 41.23 | 3.61 |
| **09 66 33 16** | | **Conductive Polyester-Resin Terrazzo Flooring** *(09 66 33)* | | |
| 09 66 33 16-0001 | SF | Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial | 16.97 | 3.61 |
| 09 66 33 16-0002 | SF | Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial | 29.89 | 3.61 |
| **09 66 33 19** | | **Conductive Plastic-Matrix Terrazzo Flooring** *(09 66 33)* | | |
| 09 66 33 19-0001 | SF | Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial | 18.89 | 3.61 |
| 09 66 33 19-0002 | SF | Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial | 36.97 | 3.61 |
| 09 66 33 19-0003 | SF | Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial | 27.91 | 3.61 |
| 09 66 33 19-0004 | SF | Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial | 31.43 | 3.61 |
| 09 67 | | Fluid-Applied Flooring *(09 60)* | | |
| **09 67 16** | | **Epoxy-Marble Chip Flooring** *(09 67)* | | |
| 09 67 16 00-0001 | | Epoxy Marble Chip Flooring *(09 67 16)* | | |
| 09 67 16 00-0002 | SF | Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base | 14.47 | 2.30 |
| | | Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat. | | |
| | | *For Skid Resistant Abrasive Sand Finish, Add* | *0.07* | |
| | | *For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add* | *0.07* | |
| 09 67 16 00-0003 | SF | Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy | 15.53 | 2.30 |
| | | Note: Includes primer, 3/16" marble chip coat and top seal coat. | | |
| | | *For Skid Resistant Abrasive Sand Finish, Add* | *0.09* | |
| | | *For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add* | *0.09* | |
| **09 67 23** | | **Resinous Flooring** *(09 67)* | | |
| 09 67 23 00-0001 | | Epoxy Resin Flooring *(09 67 23)* | | |
| | | Note: Includes primer, slurry coat(s) and top coat(s) (assorted colors). Excludes existing floor preparation of sand/bead blasting or two pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 01 30 51-0001 for bead blasting, 03 35 43 00-0001 for additional floor polish grinding, 09 01 60 91-0011 for degreasing. | | |
| 09 67 23 00-0002 | SF | 3/16" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound | 11.65 | 5.23 |
| | | Note: Includes primer, one 3/16" slurry coat and top seal coats (color). | | |
| | | *For Skid Resistant Abrasive Sand Finish, Add* | *0.06* | |
| | | *For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add* | *0.06* | |
| | | *For Up To 500, Add* | *2.30* | |
| | | *For >500 To 1,000, Add* | *1.44* | |
| | | *For >1,000 To 2,000, Add* | *0.72* | |
| | | *For >10,000, Deduct* | *-0.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 67 23 00-0003 | SF | 3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound<br>Note: Includes primer, one 3/16" slurry coat and top seal coats (color). | 18.29 | 5.23 |
| | | *For Skid Resistant Abrasive Sand Finish, Add* | *0.12* | |
| | | *For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add* | *0.12* | |
| | | *For Up To 500, Add* | *3.96* | |
| | | *For >500 To 1,000, Add* | *2.44* | |
| | | *For >1,000 To 2,000, Add* | *1.22* | |
| | | *For >10,000, Deduct* | *-1.07* | |
| 09 67 23 00-0004 | SF | 1/4" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound<br>Note: Includes primer, two 1/8" slurry coats and top seal coats (color). | 13.79 | 5.84 |
| | | *For Skid Resistant Abrasive Sand Finish, Add* | *0.06* | |
| | | *For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add* | *0.06* | |
| | | *For Up To 500, Add* | *2.68* | |
| | | *For >500 To 1,000, Add* | *1.68* | |
| | | *For >1,000 To 2,000, Add* | *0.84* | |
| | | *For >10,000, Deduct* | *-0.88* | |
| 09 67 23 00-0005 | SF | 1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound<br>Note: Includes primer, two 1/8" slurry coats and top seal coats (color). | 21.40 | 5.84 |
| | | *For Skid Resistant Abrasive Sand Finish, Add* | *0.14* | |
| | | *For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add* | *0.14* | |
| | | *For Up To 500, Add* | *4.58* | |
| | | *For >500 To 1,000, Add* | *2.83* | |
| | | *For >1,000 To 2,000, Add* | *1.41* | |
| | | *For >10,000, Deduct* | *-1.26* | |
| 09 67 23 00-0006 | SF | 3/8" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound<br>Note: Includes primer, two 3/16" slurry coats and top seal coats (color). | 15.63 | 6.53 |
| | | *For Skid Resistant Abrasive Sand Finish, Add* | *0.07* | |
| | | *For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add* | *0.07* | |
| | | *For Up To 500, Add* | *3.05* | |
| | | *For >500 To 1,000, Add* | *1.92* | |
| | | *For >1,000 To 2,000, Add* | *0.96* | |
| | | *For >10,000, Deduct* | *-1.00* | |
| 09 67 23 00-0007 | SF | 3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound<br>Note: Includes primer, two 3/16" slurry coats and top seal coats (color). | 23.70 | 6.53 |
| | | *For Skid Resistant Abrasive Sand Finish, Add* | *0.15* | |
| | | *For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add* | *0.15* | |
| | | *For Up To 500, Add* | *5.07* | |
| | | *For >500 To 1,000, Add* | *3.13* | |
| | | *For >1,000 To 2,000, Add* | *1.56* | |
| | | *For >10,000, Deduct* | *-1.40* | |

## 09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

### 09 68 13 Tile Carpeting *(09 68)*

#### 09 68 13 00-0001 Tufted Carpet Tiles *(09 68 13)*

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.

#### 09 68 13 00-0002 Non-Patterned Carpet Tiles *(09 68 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 09 68 13 00-0003 | SY | 18 Ounce, Non Patterned, Nylon Carpet Tile | 36.04 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.47* | |
| | | *For >400 To 600, Deduct* | *-0.70* | |
| | | *For >600 To 900, Deduct* | *-1.36* | |
| | | *For >900 To 1,500, Deduct* | *-2.02* | |
| | | *For >1,500 To 2,200, Deduct* | *-2.97* | |
| | | *For >2,200 To 3,500, Deduct* | *-3.87* | |
| | | *For >3,500, Deduct* | *-4.77* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0004 | SY | 20 Ounce, Non Patterned, Nylon Carpet Tile | 37.46 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.50* | |
| | | *For >400 To 600, Deduct* | *-0.74* | |
| | | *For >600 To 900, Deduct* | *-1.43* | |
| | | *For >900 To 1,500, Deduct* | *-2.12* | |
| | | *For >1,500 To 2,200, Deduct* | *-3.11* | |
| | | *For >2,200 To 3,500, Deduct* | *-4.05* | |
| | | *For >3,500, Deduct* | *-4.99* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0005 | SY | 22 Ounce, Non Patterned, Nylon Carpet Tile | 41.96 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.59* | |
| | | *For >400 To 600, Deduct* | *-0.88* | |
| | | *For >600 To 900, Deduct* | *-1.66* | |
| | | *For >900 To 1,500, Deduct* | *-2.43* | |
| | | *For >1,500 To 2,200, Deduct* | *-3.56* | |
| | | *For >2,200 To 3,500, Deduct* | *-4.61* | |
| | | *For >3,500, Deduct* | *-5.66* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0006 | SY | 24 Ounce, Non Patterned, Nylon Carpet Tile | 46.35 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.67* | |
| | | *For >400 To 600, Deduct* | *-1.01* | |
| | | *For >600 To 900, Deduct* | *-1.88* | |
| | | *For >900 To 1,500, Deduct* | *-2.74* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.00* | |
| | | *For >2,200 To 3,500, Deduct* | *-5.16* | |
| | | *For >3,500, Deduct* | *-6.32* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 13 00-0007 | SY | 26 Ounce, Non Patterned, Nylon Carpet Tile | 48.92 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.73* | |
| | | *For >400 To 600, Deduct* | *-1.09* | |
| | | *For >600 To 900, Deduct* | *-2.00* | |
| | | *For >900 To 1,500, Deduct* | *-2.92* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.26* | |
| | | *For >2,200 To 3,500, Deduct* | *-5.48* | |
| | | *For >3,500, Deduct* | *-6.71* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0008 | SY | 28 Ounce, Non Patterned, Nylon Carpet Tile | 51.55 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.78* | |
| | | *For >400 To 600, Deduct* | *-1.17* | |
| | | *For >600 To 900, Deduct* | *-2.14* | |
| | | *For >900 To 1,500, Deduct* | *-3.10* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.52* | |
| | | *For >2,200 To 3,500, Deduct* | *-5.81* | |
| | | *For >3,500, Deduct* | *-7.10* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0009 | SY | 30 Ounce, Non Patterned, Nylon Carpet Tile | 52.33 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.79* | |
| | | *For >400 To 600, Deduct* | *-1.19* | |
| | | *For >600 To 900, Deduct* | *-2.17* | |
| | | *For >900 To 1,500, Deduct* | *-3.16* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.60* | |
| | | *For >2,200 To 3,500, Deduct* | *-5.91* | |
| | | *For >3,500, Deduct* | *-7.22* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0010 | SY | 32 Ounce, Non Patterned, Nylon Carpet Tile | 52.82 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.80* | |
| | | *For >400 To 600, Deduct* | *-1.21* | |
| | | *For >600 To 900, Deduct* | *-2.20* | |
| | | *For >900 To 1,500, Deduct* | *-3.19* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.65* | |
| | | *For >2,200 To 3,500, Deduct* | *-5.97* | |
| | | *For >3,500, Deduct* | *-7.29* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0011 | SY | 34 Ounce, Non Patterned, Nylon Carpet Tile | 53.23 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.81* | |
| | | *For >400 To 600, Deduct* | *-1.22* | |
| | | *For >600 To 900, Deduct* | *-2.22* | |
| | | *For >900 To 1,500, Deduct* | *-3.22* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.69* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.02* | |
| | | *For >3,500, Deduct* | *-7.35* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0012 | SY | 36 Ounce, Non Patterned, Nylon Carpet Tile | 54.63 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.84* | |
| | | *For >400 To 600, Deduct* | *-1.26* | |
| | | *For >600 To 900, Deduct* | *-2.29* | |
| | | *For >900 To 1,500, Deduct* | *-3.32* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.83* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.20* | |
| | | *For >3,500, Deduct* | *-7.56* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0013 | SY | 38 Ounce, Non Patterned, Nylon Carpet Tile | 57.41 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.90* | |
| | | *For >400 To 600, Deduct* | *-1.34* | |
| | | *For >600 To 900, Deduct* | *-2.43* | |
| | | *For >900 To 1,500, Deduct* | *-3.51* | |
| | | *For >1,500 To 2,200, Deduct* | *-5.11* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.54* | |
| | | *For >3,500, Deduct* | *-7.98* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0014 | SY | 40 Ounce, Non Patterned, Nylon Carpet Tile | 60.39 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.96* | |
| | | *For >400 To 600, Deduct* | *-1.43* | |
| | | *For >600 To 900, Deduct* | *-2.58* | |
| | | *For >900 To 1,500, Deduct* | *-3.72* | |
| | | *For >1,500 To 2,200, Deduct* | *-5.41* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.92* | |
| | | *For >3,500, Deduct* | *-8.43* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0015 | SY | 42 Ounce, Non Patterned, Nylon Carpet Tile | 66.12 | 5.16 |
| | | *For >200 To 400, Deduct* | *-1.07* | |
| | | *For >400 To 600, Deduct* | *-1.60* | |
| | | *For >600 To 900, Deduct* | *-2.86* | |
| | | *For >900 To 1,500, Deduct* | *-4.12* | |
| | | *For >1,500 To 2,200, Deduct* | *-5.98* | |
| | | *For >2,200 To 3,500, Deduct* | *-7.63* | |
| | | *For >3,500, Deduct* | *-9.29* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0016 | SY | Installation Of Owner Provided Non Patterned Carpet Tiles | 12.52 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 13 00-0017 | | **Patterned Carpet Tiles** *(09 68 13 00-0001)* Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer. | | |
| 09 68 13 00-0018 | SY | 15 Ounce, Patterned, Nylon Carpet Tile | 36.90 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.46* | |
| | | *For >400 To 600, Deduct* | *-0.69* | |
| | | *For >600 To 900, Deduct* | *-1.36* | |
| | | *For >900 To 1,500, Deduct* | *-2.03* | |
| | | *For >1,500 To 2,200, Deduct* | *-2.99* | |
| | | *For >2,200 To 3,500, Deduct* | *-3.92* | |
| | | *For >3,500, Deduct* | *-4.84* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0019 | SY | 18 Ounce, Patterned, Nylon Carpet Tile | 37.66 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.48* | |
| | | *For >400 To 600, Deduct* | *-0.71* | |
| | | *For >600 To 900, Deduct* | *-1.40* | |
| | | *For >900 To 1,500, Deduct* | *-2.08* | |
| | | *For >1,500 To 2,200, Deduct* | *-3.07* | |
| | | *For >2,200 To 3,500, Deduct* | *-4.01* | |
| | | *For >3,500, Deduct* | *-4.95* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0020 | SY | 20 Ounce, Patterned, Nylon Carpet Tile | 39.10 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.50* | |
| | | *For >400 To 600, Deduct* | *-0.76* | |
| | | *For >600 To 900, Deduct* | *-1.47* | |
| | | *For >900 To 1,500, Deduct* | *-2.18* | |
| | | *For >1,500 To 2,200, Deduct* | *-3.21* | |
| | | *For >2,200 To 3,500, Deduct* | *-4.19* | |
| | | *For >3,500, Deduct* | *-5.17* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0021 | SY | 22 Ounce, Patterned, Nylon Carpet Tile | 43.67 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.60* | |
| | | *For >400 To 600, Deduct* | *-0.89* | |
| | | *For >600 To 900, Deduct* | *-1.70* | |
| | | *For >900 To 1,500, Deduct* | *-2.50* | |
| | | *For >1,500 To 2,200, Deduct* | *-3.67* | |
| | | *For >2,200 To 3,500, Deduct* | *-4.76* | |
| | | *For >3,500, Deduct* | *-5.86* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0022 | SY | 24 Ounce, Patterned, Nylon Carpet Tile | 48.13 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.68* | |
| | | *For >400 To 600, Deduct* | *-1.03* | |
| | | *For >600 To 900, Deduct* | *-1.92* | |
| | | *For >900 To 1,500, Deduct* | *-2.81* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.12* | |
| | | *For >2,200 To 3,500, Deduct* | *-5.32* | |
| | | *For >3,500, Deduct* | *-6.52* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0023 | SY | 26 Ounce, Patterned, Nylon Carpet Tile | 50.73 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.74* | |
| | | *For >400 To 600, Deduct* | *-1.10* | |
| | | *For >600 To 900, Deduct* | *-2.05* | |
| | | *For >900 To 1,500, Deduct* | *-2.99* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.38* | |
| | | *For >2,200 To 3,500, Deduct* | *-5.65* | |
| | | *For >3,500, Deduct* | *-6.91* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0024 | SY | 28 Ounce, Patterned, Nylon Carpet Tile | 53.40 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.79* | |
| | | *For >400 To 600, Deduct* | *-1.18* | |
| | | *For >600 To 900, Deduct* | *-2.18* | |
| | | *For >900 To 1,500, Deduct* | *-3.18* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.64* | |
| | | *For >2,200 To 3,500, Deduct* | *-5.98* | |
| | | *For >3,500, Deduct* | *-7.31* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0025 | SY | 30 Ounce, Patterned, Nylon Carpet Tile | 54.19 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.81* | |
| | | *For >400 To 600, Deduct* | *-1.21* | |
| | | *For >600 To 900, Deduct* | *-2.22* | |
| | | *For >900 To 1,500, Deduct* | *-3.24* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.72* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.08* | |
| | | *For >3,500, Deduct* | *-7.43* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0026 | SY | 32 Ounce, Patterned, Nylon Carpet Tile | 54.69 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.82* | |
| | | *For >400 To 600, Deduct* | *-1.22* | |
| | | *For >600 To 900, Deduct* | *-2.25* | |
| | | *For >900 To 1,500, Deduct* | *-3.27* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.77* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.14* | |
| | | *For >3,500, Deduct* | *-7.51* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 13 00-0027 | SY | 34 Ounce, Patterned, Nylon Carpet Tile | 55.11 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.82* | |
| | | *For >400 To 600, Deduct* | *-1.24* | |
| | | *For >600 To 900, Deduct* | *-2.27* | |
| | | *For >900 To 1,500, Deduct* | *-3.30* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.82* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.19* | |
| | | *For >3,500, Deduct* | *-7.57* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0028 | SY | 36 Ounce, Patterned, Nylon Carpet Tile | 56.53 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.85* | |
| | | *For >400 To 600, Deduct* | *-1.28* | |
| | | *For >600 To 900, Deduct* | *-2.34* | |
| | | *For >900 To 1,500, Deduct* | *-3.40* | |
| | | *For >1,500 To 2,200, Deduct* | *-4.96* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.37* | |
| | | *For >3,500, Deduct* | *-7.78* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0029 | SY | 38 Ounce, Patterned, Nylon Carpet Tile | 59.35 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.91* | |
| | | *For >400 To 600, Deduct* | *-1.36* | |
| | | *For >600 To 900, Deduct* | *-2.48* | |
| | | *For >900 To 1,500, Deduct* | *-3.60* | |
| | | *For >1,500 To 2,200, Deduct* | *-5.24* | |
| | | *For >2,200 To 3,500, Deduct* | *-6.72* | |
| | | *For >3,500, Deduct* | *-8.21* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0030 | SY | 40 Ounce, Patterned, Nylon Carpet Tile | 62.38 | 5.16 |
| | | *For >200 To 400, Deduct* | *-0.97* | |
| | | *For >400 To 600, Deduct* | *-1.45* | |
| | | *For >600 To 900, Deduct* | *-2.63* | |
| | | *For >900 To 1,500, Deduct* | *-3.81* | |
| | | *For >1,500 To 2,200, Deduct* | *-5.54* | |
| | | *For >2,200 To 3,500, Deduct* | *-7.10* | |
| | | *For >3,500, Deduct* | *-8.66* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0031 | SY | 42 Ounce, Patterned, Nylon Carpet Tile | 68.19 | 5.16 |
| | | *For >200 To 400, Deduct* | *-1.09* | |
| | | *For >400 To 600, Deduct* | *-1.63* | |
| | | *For >600 To 900, Deduct* | *-2.92* | |
| | | *For >900 To 1,500, Deduct* | *-4.22* | |
| | | *For >1,500 To 2,200, Deduct* | *-6.12* | |
| | | *For >2,200 To 3,500, Deduct* | *-7.83* | |
| | | *For >3,500, Deduct* | *-9.53* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Cushion Backed Tile, Add* | *6.00* | |
| 09 68 13 00-0032 | SY | Installation Of Owner Provided Patterned Carpet Tiles | 14.36 | |

### 09 68 13 00-0033 ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) *(09 68 13 00-0001)*

Note: Includes conductive ESD releasable adhesive and grounding clips.

| | | | | |
|---|---|---|---|---|
| 09 68 13 00-0034 | SY | 24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series) | 85.91 | 5.16 |
| | | *For >200 To 400, Deduct* | *-1.44* | |
| | | *For >400 To 600, Deduct* | *-2.16* | |
| | | *For >600 To 900, Deduct* | *-3.81* | |
| | | *For >900 To 1,500, Deduct* | *-5.46* | |
| | | *For >1,500 To 2,200, Deduct* | *-7.90* | |
| | | *For >2,200 To 3,500, Deduct* | *-10.04* | |
| | | *For >3,500, Deduct* | *-12.19* | |

## 09 68 16 Sheet Carpeting *(09 68)*

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

### 09 68 16 00-0001 Carpet Cushion *(09 68 16)*

### 09 68 16 00-0002 Carpet Padding *(09 68 16 00-0001)*

### 09 68 16 00-0003 Prime Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 09 68 16 00-0004 | SY | 7/16" Thick, Prime Polyurethane Foam Carpet Padding | 16.07 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.25* | |
| | | *For >400 To 600, Deduct* | *-0.38* | |
| | | *For >600 To 900, Deduct* | *-0.68* | |
| | | *For >900 To 1,500, Deduct* | *-0.99* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.43* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.83* | |
| | | *For >3,500, Deduct* | *-2.24* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 16 00-0005 | SY | 1/2" Thick, Prime Polyurethane Foam Carpet Padding | 16.82 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.27* | |
| | | *For >400 To 600, Deduct* | *-0.40* | |
| | | *For >600 To 900, Deduct* | *-0.72* | |
| | | *For >900 To 1,500, Deduct* | *-1.04* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.51* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.93* | |
| | | *For >3,500, Deduct* | *-2.35* | |

## 09 68 16 00-0006 Bonded (Rebond) Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 09 68 16 00-0007 | SY | 1/4" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 9.64 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.12* | |
| | | *For >400 To 600, Deduct* | *-0.18* | |
| | | *For >600 To 900, Deduct* | *-0.36* | |
| | | *For >900 To 1,500, Deduct* | *-0.54* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.79* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.03* | |
| | | *For >3,500, Deduct* | *-1.27* | |
| 09 68 16 00-0008 | SY | 5/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 10.15 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.13* | |
| | | *For >400 To 600, Deduct* | *-0.20* | |
| | | *For >600 To 900, Deduct* | *-0.39* | |
| | | *For >900 To 1,500, Deduct* | *-0.57* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.84* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.09* | |
| | | *For >3,500, Deduct* | *-1.35* | |
| 09 68 16 00-0009 | SY | 3/8" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 7.76 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.09* | |
| | | *For >400 To 600, Deduct* | *-0.13* | |
| | | *For >600 To 900, Deduct* | *-0.27* | |
| | | *For >900 To 1,500, Deduct* | *-0.40* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.60* | |
| | | *For >2,200 To 3,500, Deduct* | *-0.80* | |
| | | *For >3,500, Deduct* | *-0.99* | |
| 09 68 16 00-0010 | SY | 3/8" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 9.81 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.13* | |
| | | *For >400 To 600, Deduct* | *-0.19* | |
| | | *For >600 To 900, Deduct* | *-0.37* | |
| | | *For >900 To 1,500, Deduct* | *-0.55* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.81* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.05* | |
| | | *For >3,500, Deduct* | *-1.30* | |
| 09 68 16 00-0011 | SY | 7/16" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 9.81 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.13* | |
| | | *For >400 To 600, Deduct* | *-0.19* | |
| | | *For >600 To 900, Deduct* | *-0.37* | |
| | | *For >900 To 1,500, Deduct* | *-0.55* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.81* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.05* | |
| | | *For >3,500, Deduct* | *-1.30* | |
| 09 68 16 00-0012 | SY | 7/16" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 9.81 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.13* | |
| | | *For >400 To 600, Deduct* | *-0.19* | |
| | | *For >600 To 900, Deduct* | *-0.37* | |
| | | *For >900 To 1,500, Deduct* | *-0.55* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.81* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.05* | |
| | | *For >3,500, Deduct* | *-1.30* | |
| 09 68 16 00-0013 | SY | 7/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 11.03 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.15* | |
| | | *For >400 To 600, Deduct* | *-0.23* | |
| | | *For >600 To 900, Deduct* | *-0.43* | |
| | | *For >900 To 1,500, Deduct* | *-0.63* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.93* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.20* | |
| | | *For >3,500, Deduct* | *-1.48* | |
| 09 68 16 00-0014 | SY | 1/2" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 9.70 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.12* | |
| | | *For >400 To 600, Deduct* | *-0.19* | |
| | | *For >600 To 900, Deduct* | *-0.36* | |
| | | *For >900 To 1,500, Deduct* | *-0.54* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.80* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.04* | |
| | | *For >3,500, Deduct* | *-1.28* | |
| 09 68 16 00-0015 | SY | 1/2" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 10.10 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.13* | |
| | | *For >400 To 600, Deduct* | *-0.20* | |
| | | *For >600 To 900, Deduct* | *-0.38* | |
| | | *For >900 To 1,500, Deduct* | *-0.57* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.84* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.09* | |
| | | *For >3,500, Deduct* | *-1.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 16 00-0016 | SY | 1/2" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding | 11.54 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.16* | |
| | | *For >400 To 600, Deduct* | *-0.24* | |
| | | *For >600 To 900, Deduct* | *-0.45* | |
| | | *For >900 To 1,500, Deduct* | *-0.67* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.98* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.27* | |
| | | *For >3,500, Deduct* | *-1.56* | |
| 09 68 16 00-0017 | | **Froth Polyurethane Foam Carpet Padding** *(09 68 16 00-0002)* | | |
| 09 68 16 00-0018 | SY | 0.175" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding | 17.19 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.27* | |
| | | *For >400 To 600, Deduct* | *-0.41* | |
| | | *For >600 To 900, Deduct* | *-0.74* | |
| | | *For >900 To 1,500, Deduct* | *-1.06* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.54* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.97* | |
| | | *For >3,500, Deduct* | *-2.40* | |
| 09 68 16 00-0019 | SY | 0.250" Thick, 12 LB/CF Froth Polyurethane Foam Rubber Carpet Padding | 19.32 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.32* | |
| | | *For >400 To 600, Deduct* | *-0.47* | |
| | | *For >600 To 900, Deduct* | *-0.84* | |
| | | *For >900 To 1,500, Deduct* | *-1.21* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.76* | |
| | | *For >2,200 To 3,500, Deduct* | *-2.24* | |
| | | *For >3,500, Deduct* | *-2.72* | |
| 09 68 16 00-0020 | SY | 0.250" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding | 20.95 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.35* | |
| | | *For >400 To 600, Deduct* | *-0.52* | |
| | | *For >600 To 900, Deduct* | *-0.93* | |
| | | *For >900 To 1,500, Deduct* | *-1.33* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.92* | |
| | | *For >2,200 To 3,500, Deduct* | *-2.44* | |
| | | *For >3,500, Deduct* | *-2.97* | |
| 09 68 16 00-0021 | | **Waffle Rubber Carpet Padding** *(09 68 16 00-0002)* | | |
| 09 68 16 00-0022 | SY | 3/8" Thick, 90 OZ/SY Waffle Rubber Carpet Padding | 19.89 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.33* | |
| | | *For >400 To 600, Deduct* | *-0.49* | |
| | | *For >600 To 900, Deduct* | *-0.87* | |
| | | *For >900 To 1,500, Deduct* | *-1.25* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.81* | |
| | | *For >2,200 To 3,500, Deduct* | *-2.31* | |
| | | *For >3,500, Deduct* | *-2.81* | |
| 09 68 16 00-0023 | | **Flat Sponge Rubber Carpet Padding** *(09 68 16 00-0002)* | | |
| 09 68 16 00-0024 | SY | 0.156" Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding | 11.65 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.16* | |
| | | *For >400 To 600, Deduct* | *-0.24* | |
| | | *For >600 To 900, Deduct* | *-0.46* | |
| | | *For >900 To 1,500, Deduct* | *-0.68* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.99* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.28* | |
| | | *For >3,500, Deduct* | *-1.57* | |
| 09 68 16 00-0025 | SY | 0.250" Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding | 12.53 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.18* | |
| | | *For >400 To 600, Deduct* | *-0.27* | |
| | | *For >600 To 900, Deduct* | *-0.50* | |
| | | *For >900 To 1,500, Deduct* | *-0.74* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.08* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.39* | |
| | | *For >3,500, Deduct* | *-1.71* | |
| 09 68 16 00-0026 | SY | 0.250" Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding | 13.17 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.19* | |
| | | *For >400 To 600, Deduct* | *-0.29* | |
| | | *For >600 To 900, Deduct* | *-0.54* | |
| | | *For >900 To 1,500, Deduct* | *-0.78* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.14* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.47* | |
| | | *For >3,500, Deduct* | *-1.80* | |
| 09 68 16 00-0027 | SY | 0.250" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding | 15.18 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.23* | |
| | | *For >400 To 600, Deduct* | *-0.35* | |
| | | *For >600 To 900, Deduct* | *-0.64* | |
| | | *For >900 To 1,500, Deduct* | *-0.92* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.34* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.72* | |
| | | *For >3,500, Deduct* | *-2.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 16 00-0028 | SY | 0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding | 15.35 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.24* | |
| | | *For >400 To 600, Deduct* | *-0.36* | |
| | | *For >600 To 900, Deduct* | *-0.65* | |
| | | *For >900 To 1,500, Deduct* | *-0.93* | |
| | | *For >1,500 To 2,200, Deduct* | *-1.36* | |
| | | *For >2,200 To 3,500, Deduct* | *-1.74* | |
| | | *For >3,500, Deduct* | *-2.13* | |

### 09 68 16 00-0029 Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 09 68 16 00-0030 | SY | 0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding | 5.18 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.03* | |
| | | *For >400 To 600, Deduct* | *-0.05* | |
| | | *For >600 To 900, Deduct* | *-0.14* | |
| | | *For >900 To 1,500, Deduct* | *-0.22* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.34* | |
| | | *For >2,200 To 3,500, Deduct* | *-0.47* | |
| | | *For >3,500, Deduct* | *-0.60* | |
| 09 68 16 00-0031 | SY | 0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding | 6.51 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.06* | |
| | | *For >400 To 600, Deduct* | *-0.09* | |
| | | *For >600 To 900, Deduct* | *-0.20* | |
| | | *For >900 To 1,500, Deduct* | *-0.32* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.48* | |
| | | *For >2,200 To 3,500, Deduct* | *-0.64* | |
| | | *For >3,500, Deduct* | *-0.80* | |
| 09 68 16 00-0032 | SY | 0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding | 5.90 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.05* | |
| | | *For >400 To 600, Deduct* | *-0.07* | |
| | | *For >600 To 900, Deduct* | *-0.17* | |
| | | *For >900 To 1,500, Deduct* | *-0.27* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.42* | |
| | | *For >2,200 To 3,500, Deduct* | *-0.56* | |
| | | *For >3,500, Deduct* | *-0.71* | |
| 09 68 16 00-0033 | SY | 0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding | 6.13 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.05* | |
| | | *For >400 To 600, Deduct* | *-0.08* | |
| | | *For >600 To 900, Deduct* | *-0.18* | |
| | | *For >900 To 1,500, Deduct* | *-0.29* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.44* | |
| | | *For >2,200 To 3,500, Deduct* | *-0.59* | |
| | | *For >3,500, Deduct* | *-0.75* | |
| 09 68 16 00-0034 | SY | 0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding | 7.50 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.08* | |
| | | *For >400 To 600, Deduct* | *-0.12* | |
| | | *For >600 To 900, Deduct* | *-0.25* | |
| | | *For >900 To 1,500, Deduct* | *-0.39* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.58* | |
| | | *For >2,200 To 3,500, Deduct* | *-0.76* | |
| | | *For >3,500, Deduct* | *-0.95* | |

### 09 68 16 00-0035 Double Stick Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 09 68 16 00-0036 | SY | 0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding | 7.91 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.09* | |
| | | *For >400 To 600, Deduct* | *-0.13* | |
| | | *For >600 To 900, Deduct* | *-0.27* | |
| | | *For >900 To 1,500, Deduct* | *-0.41* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.62* | |
| | | *For >2,200 To 3,500, Deduct* | *-0.81* | |
| | | *For >3,500, Deduct* | *-1.01* | |
| 09 68 16 00-0037 | SY | 0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding | 8.98 | 2.30 |
| | | *For >200 To 400, Deduct* | *-0.11* | |
| | | *For >400 To 600, Deduct* | *-0.16* | |
| | | *For >600 To 900, Deduct* | *-0.33* | |
| | | *For >900 To 1,500, Deduct* | *-0.49* | |
| | | *For >1,500 To 2,200, Deduct* | *-0.72* | |
| | | *For >2,200 To 3,500, Deduct* | *-0.95* | |
| | | *For >3,500, Deduct* | *-1.17* | |

### 09 68 16 00-0038 Residential Broadloom Carpet *(09 68 16)*

Note: Includes tacks. See CSI section 09 68 16 00-0001 for padding.

| | | | | |
|---|---|---|---|---|
| 09 68 16 00-0039 | SY | 25 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 34.41 | 6.14 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.76* | |
| | | *For Up To 15, Add* | *3.15* | |
| | | *For >15 To 33, Add* | *1.58* | |
| | | *For >200 To 400, Deduct* | *-0.37* | |
| | | *For >400 To 600, Deduct* | *-0.56* | |
| | | *For >600 To 900, Deduct* | *-1.17* | |
| | | *For >900, Deduct* | *-1.78* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 16 00-0040 | SY | 30 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 38.81 | 6.14 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.76* | |
| | | *For Up To 15, Add* | *3.15* | |
| | | *For >15 To 33, Add* | *1.58* | |
| | | *For >200 To 400, Deduct* | *-0.46* | |
| | | *For >400 To 600, Deduct* | *-0.69* | |
| | | *For >600 To 900, Deduct* | *-1.39* | |
| | | *For >900, Deduct* | *-2.09* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0041 | SY | 32 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 44.84 | 6.14 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.76* | |
| | | *For Up To 15, Add* | *3.15* | |
| | | *For >15 To 33, Add* | *1.58* | |
| | | *For >200 To 400, Deduct* | *-0.58* | |
| | | *For >400 To 600, Deduct* | *-0.87* | |
| | | *For >600 To 900, Deduct* | *-1.69* | |
| | | *For >900, Deduct* | *-2.51* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0042 | SY | 34 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 51.16 | 6.14 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.76* | |
| | | *For Up To 15, Add* | *3.15* | |
| | | *For >15 To 33, Add* | *1.58* | |
| | | *For >200 To 400, Deduct* | *-0.71* | |
| | | *For >400 To 600, Deduct* | *-1.06* | |
| | | *For >600 To 900, Deduct* | *-2.01* | |
| | | *For >900, Deduct* | *-2.95* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0043 | SY | 40 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 52.25 | 6.14 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.76* | |
| | | *For Up To 15, Add* | *3.15* | |
| | | *For >15 To 33, Add* | *1.58* | |
| | | *For >200 To 400, Deduct* | *-0.73* | |
| | | *For >400 To 600, Deduct* | *-1.10* | |
| | | *For >600 To 900, Deduct* | *-2.06* | |
| | | *For >900, Deduct* | *-3.03* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0044 | SY | 45 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 53.90 | 6.75 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.92* | |
| | | *For Up To 15, Add* | *3.36* | |
| | | *For >15 To 33, Add* | *1.68* | |
| | | *For >200 To 400, Deduct* | *-0.74* | |
| | | *For >400 To 600, Deduct* | *-1.11* | |
| | | *For >600 To 900, Deduct* | *-2.11* | |
| | | *For >900, Deduct* | *-3.10* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0045 | SY | 48 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 55.78 | 6.75 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.92* | |
| | | *For Up To 15, Add* | *3.36* | |
| | | *For >15 To 33, Add* | *1.68* | |
| | | *For >200 To 400, Deduct* | *-0.78* | |
| | | *For >400 To 600, Deduct* | *-1.17* | |
| | | *For >600 To 900, Deduct* | *-2.20* | |
| | | *For >900, Deduct* | *-3.23* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0046 | SY | 50 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 60.45 | 6.75 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.92* | |
| | | *For Up To 15, Add* | *3.36* | |
| | | *For >15 To 33, Add* | *1.68* | |
| | | *For >200 To 400, Deduct* | *-0.87* | |
| | | *For >400 To 600, Deduct* | *-1.31* | |
| | | *For >600 To 900, Deduct* | *-2.43* | |
| | | *For >900, Deduct* | *-3.56* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0047 | SY | 60 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 61.00 | 6.75 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.92* | |
| | | *For Up To 15, Add* | *3.36* | |
| | | *For >15 To 33, Add* | *1.68* | |
| | | *For >200 To 400, Deduct* | *-0.88* | |
| | | *For >400 To 600, Deduct* | *-1.33* | |
| | | *For >600 To 900, Deduct* | *-2.46* | |
| | | *For >900, Deduct* | *-3.60* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0048 | SY | 65 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet | 63.20 | 6.75 |
| | | *For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add* | *2.92* | |
| | | *For Up To 15, Add* | *3.36* | |
| | | *For >15 To 33, Add* | *1.68* | |
| | | *For >200 To 400, Deduct* | *-0.93* | |
| | | *For >400 To 600, Deduct* | *-1.39* | |
| | | *For >600 To 900, Deduct* | *-2.57* | |
| | | *For >900, Deduct* | *-3.75* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |

09 68 16 00-0049 Commercial Broadloom Carpet *(09 68 16)*
Note: Level-loop pile or textured-loop pile broadloom carpet.

09 68 16 00-0050 Non-Patterned Broadloom Carpet *(09 68 16 00-0049)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 16 00-0051 | SY | 22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet | 45.63 | 21.18 |
| | | *For Up To 15, Add* | *2.82* | |
| | | *For >15 To 33, Add* | *1.41* | |
| | | *For >200 To 400, Deduct* | *-0.63* | |
| | | *For >400 To 600, Deduct* | *-0.95* | |
| | | *For >600 To 900, Deduct* | *-1.79* | |
| | | *For >900, Deduct* | *-2.63* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0052 | SY | 24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet | 45.63 | 21.18 |
| | | *For Up To 15, Add* | *2.82* | |
| | | *For >15 To 33, Add* | *1.41* | |
| | | *For >200 To 400, Deduct* | *-0.63* | |
| | | *For >400 To 600, Deduct* | *-0.95* | |
| | | *For >600 To 900, Deduct* | *-1.79* | |
| | | *For >900, Deduct* | *-2.63* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0053 | SY | 26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet | 45.63 | 21.18 |
| | | *For Up To 15, Add* | *2.82* | |
| | | *For >15 To 33, Add* | *1.41* | |
| | | *For >200 To 400, Deduct* | *-0.63* | |
| | | *For >400 To 600, Deduct* | *-0.95* | |
| | | *For >600 To 900, Deduct* | *-1.79* | |
| | | *For >900, Deduct* | *-2.63* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0054 | SY | 28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet | 49.46 | 22.95 |
| | | *For Up To 15, Add* | *3.06* | |
| | | *For >15 To 33, Add* | *1.53* | |
| | | *For >200 To 400, Deduct* | *-0.68* | |
| | | *For >400 To 600, Deduct* | *-1.03* | |
| | | *For >600 To 900, Deduct* | *-1.94* | |
| | | *For >900, Deduct* | *-2.85* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0055 | SY | 30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet | 50.42 | 22.95 |
| | | *For Up To 15, Add* | *3.06* | |
| | | *For >15 To 33, Add* | *1.53* | |
| | | *For >200 To 400, Deduct* | *-0.70* | |
| | | *For >400 To 600, Deduct* | *-1.05* | |
| | | *For >600 To 900, Deduct* | *-1.99* | |
| | | *For >900, Deduct* | *-2.92* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0056 | SY | 32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet | 50.59 | 22.95 |
| | | *For Up To 15, Add* | *3.06* | |
| | | *For >15 To 33, Add* | *1.53* | |
| | | *For >200 To 400, Deduct* | *-0.71* | |
| | | *For >400 To 600, Deduct* | *-1.06* | |
| | | *For >600 To 900, Deduct* | *-1.99* | |
| | | *For >900, Deduct* | *-2.93* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0057 | SY | 34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet | 55.61 | 24.71 |
| | | *For Up To 15, Add* | *3.29* | |
| | | *For >15 To 33, Add* | *1.65* | |
| | | *For >200 To 400, Deduct* | *-0.78* | |
| | | *For >400 To 600, Deduct* | *-1.17* | |
| | | *For >600 To 900, Deduct* | *-2.20* | |
| | | *For >900, Deduct* | *-3.23* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0058 | SY | 36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet | 56.31 | 24.71 |
| | | *For Up To 15, Add* | *3.29* | |
| | | *For >15 To 33, Add* | *1.65* | |
| | | *For >200 To 400, Deduct* | *-0.80* | |
| | | *For >400 To 600, Deduct* | *-1.20* | |
| | | *For >600 To 900, Deduct* | *-2.24* | |
| | | *For >900, Deduct* | *-3.28* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0059 | SY | 38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet | 57.16 | 24.71 |
| | | *For Up To 15, Add* | *3.29* | |
| | | *For >15 To 33, Add* | *1.65* | |
| | | *For >200 To 400, Deduct* | *-0.81* | |
| | | *For >400 To 600, Deduct* | *-1.22* | |
| | | *For >600 To 900, Deduct* | *-2.28* | |
| | | *For >900, Deduct* | *-3.34* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 16 00-0060 | | Patterned Broadloom Carpet *(09 68 16 00-0049)* | | |
| | | Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer. | | |
| 09 68 16 00-0061 | SY | 22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet | 47.52 | 21.18 |
| | | *For Up To 15, Add* | *3.11* | |
| | | *For >15 To 33, Add* | *1.55* | |
| | | *For >200 To 400, Deduct* | *-0.64* | |
| | | *For >400 To 600, Deduct* | *-0.96* | |
| | | *For >600 To 900, Deduct* | *-1.83* | |
| | | *For >900, Deduct* | *-2.70* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0062 | SY | 24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet | 47.52 | 21.18 |
| | | *For Up To 15, Add* | *3.11* | |
| | | *For >15 To 33, Add* | *1.55* | |
| | | *For >200 To 400, Deduct* | *-0.64* | |
| | | *For >400 To 600, Deduct* | *-0.96* | |
| | | *For >600 To 900, Deduct* | *-1.83* | |
| | | *For >900, Deduct* | *-2.70* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0063 | SY | 26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet | 47.52 | 21.18 |
| | | *For Up To 15, Add* | *3.11* | |
| | | *For >15 To 33, Add* | *1.55* | |
| | | *For >200 To 400, Deduct* | *-0.64* | |
| | | *For >400 To 600, Deduct* | *-0.96* | |
| | | *For >600 To 900, Deduct* | *-1.83* | |
| | | *For >900, Deduct* | *-2.70* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0064 | SY | 28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet | 51.51 | 22.95 |
| | | *For Up To 15, Add* | *3.37* | |
| | | *For >15 To 33, Add* | *1.68* | |
| | | *For >200 To 400, Deduct* | *-0.69* | |
| | | *For >400 To 600, Deduct* | *-1.04* | |
| | | *For >600 To 900, Deduct* | *-1.99* | |
| | | *For >900, Deduct* | *-2.93* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0065 | SY | 30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet | 52.49 | 22.95 |
| | | *For Up To 15, Add* | *3.37* | |
| | | *For >15 To 33, Add* | *1.68* | |
| | | *For >200 To 400, Deduct* | *-0.71* | |
| | | *For >400 To 600, Deduct* | *-1.07* | |
| | | *For >600 To 900, Deduct* | *-2.04* | |
| | | *For >900, Deduct* | *-3.00* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0066 | SY | 32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet | 52.66 | 22.95 |
| | | *For Up To 15, Add* | *3.37* | |
| | | *For >15 To 33, Add* | *1.68* | |
| | | *For >200 To 400, Deduct* | *-0.72* | |
| | | *For >400 To 600, Deduct* | *-1.07* | |
| | | *For >600 To 900, Deduct* | *-2.04* | |
| | | *For >900, Deduct* | *-3.01* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0067 | SY | 34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet | 57.85 | 24.71 |
| | | *For Up To 15, Add* | *3.62* | |
| | | *For >15 To 33, Add* | *1.81* | |
| | | *For >200 To 400, Deduct* | *-0.79* | |
| | | *For >400 To 600, Deduct* | *-1.19* | |
| | | *For >600 To 900, Deduct* | *-2.26* | |
| | | *For >900, Deduct* | *-3.32* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0068 | SY | 36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet | 58.56 | 24.71 |
| | | *For Up To 15, Add* | *3.62* | |
| | | *For >15 To 33, Add* | *1.81* | |
| | | *For >200 To 400, Deduct* | *-0.81* | |
| | | *For >400 To 600, Deduct* | *-1.21* | |
| | | *For >600 To 900, Deduct* | *-2.29* | |
| | | *For >900, Deduct* | *-3.37* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 68 16 00-0069 | SY | 38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet | 59.42 | 24.71 |
| | | *For Up To 15, Add* | *3.62* | |
| | | *For >15 To 33, Add* | *1.81* | |
| | | *For >200 To 400, Deduct* | *-0.83* | |
| | | *For >400 To 600, Deduct* | *-1.24* | |
| | | *For >600 To 900, Deduct* | *-2.34* | |
| | | *For >900, Deduct* | *-3.43* | |
| | | *For Cut Pile Carpet, Add* | *1.50* | |
| | | *For Cut And Loop Pile Combination Or Tip Shear Carpet, Add* | *2.00* | |
| | | *For Moisture Barrier Backing, Add* | *3.50* | |
| | | *For Installation On Stairs, Each Riser, Add* | *6.00* | |
| 09 68 16 00-0070 | | Indoor/Outdoor Carpet *(09 68 16)* | | |
| | | Note: Includes waterproof glue. | | |
| 09 68 16 00-0071 | SY | Nylon Indoor/Outdoor Carpet | 43.96 | 4.60 |
| 09 68 16 00-0072 | SY | Ozite Indoor/Outdoor Carpet | 35.42 | 4.60 |
| 09 68 16 00-0073 | | Carpet Accessories *(09 68 16)* | | |
| 09 68 16 00-0074 | LF | Metal Carpet Saddle Strip, Up To 4" Wide | 4.97 | 0.68 |
| 09 68 16 00-0075 | | Removal And Reinstallation Of Carpet And Pad *(09 68 16)* | | |
| | | Note: Includes storage, cleaning and supply materials. | | |
| 09 68 16 00-0076 | SY | Removal And Reinstallation Of Carpet And Pad | 29.82 | |
| 09 68 16 00-0077 | | Carpeting Support Functions *(09 68 16)* | | |
| 09 68 16 00-0078 | | Relocate Partitions, Modular Work Stations *(09 68 16 00-0077)* | | |
| | | Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection. | | |
| 09 68 16 00-0079 | EA | Relocate Modular Work Station | 240.78 | |
| 09 68 16 00-0080 | | Installation Of Owner Provided Broadloom Carpet *(09 68 16)* | | |
| 09 68 16 00-0081 | SY | Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet | 12.63 | |
| | | Note: Includes adhesive for glue-down or tack strip for padded installations. | | |
| | | *For Up To 15, Add* | *2.46* | |
| | | *For >15 To 33, Add* | *1.23* | |
| 09 68 16 00-0082 | SY | >24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet | 14.68 | |
| | | Note: Includes adhesive for glue-down or tack strip for padded installations. | | |
| | | *For Up To 15, Add* | *2.87* | |
| | | *For >15 To 33, Add* | *1.43* | |
| 09 68 16 00-0083 | SY | >34 Oz, Installation Of Owner Provided Broadloom Carpet | 17.54 | |
| | | Note: Includes adhesive for glue-down or tack strip for padded installations. | | |
| | | *For Up To 15, Add* | *3.44* | |
| | | *For >15 To 33, Add* | *1.72* | |

## 09 69 Access Flooring *(09 60)*

### 09 69 13 Rigid-Grid Access Flooring *(09 69)*

| | | | | |
|---|---|---|---|---|
| 09 69 13 00-0001 | | Panels, No Covering *(09 69 13)* | | |
| 09 69 13 00-0002 | SF | 2' x 2' Panels - No Covering Access And Pedestal Floors | 15.01 | 0.68 |
| | | *For Carpet Covering, Add* | *2.77* | |
| | | *For Vinyl Floor Covering, Add* | *1.91* | |
| 09 69 13 00-0003 | SF | Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T | 26.69 | 0.75 |
| 09 69 13 00-0004 | SF | Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T | 26.69 | 0.75 |
| 09 69 13 00-0005 | SF | Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808 | 26.69 | 0.75 |
| 09 69 13 00-0006 | | Pedestals *(09 69 13)* | | |
| 09 69 13 00-0007 | EA | 6" To 12" Finished Floor Height, Pedestal Assembly | 30.64 | 3.44 |
| 09 69 13 00-0008 | EA | 30" To 36" Finished Floor Height, Pedestal Assembly | 36.76 | 3.44 |
| 09 69 13 00-0009 | | Stringers *(09 69 13)* | | |
| 09 69 13 00-0010 | EA | 2' Bolted Stringers, Access And Pedestal Floors | 14.85 | 4.13 |
| 09 69 13 00-0011 | EA | 6' Bolted Stringers, Access And Pedestal Floors | 41.38 | 10.32 |
| 09 69 13 00-0012 | | Understructure *(09 69 13)* | | |
| 09 69 13 00-0013 | SF | Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height | 6.81 | 1.03 |

### 09 69 53 Access Flooring Accessories *(09 69)*

| | | | | |
|---|---|---|---|---|
| 09 69 53 00-0001 | | Accessories *(09 69 53)* | | |
| 09 69 53 00-0002 | LF | Accessories, Handrail Access And Pedestal Floors | 53.51 | 4.81 |
| 09 69 53 00-0003 | LF | Accessories, Fascia Plate Access And Pedestal Floors | 20.27 | 4.81 |
| 09 69 53 00-0004 | EA | Machine Cutouts | 165.45 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 69 53 00-0005 | SF | Hammered Aluminum Finish Fascia<br>Note: Includes trim angles and hardware (8", 12", 18", 24"). | 37.94 | 2.27 |
| 09 69 53 00-0006 | EA | Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material | 36.16 | |
| 09 69 53 00-0007 | EA | Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003) | 36.16 | |
| 09 69 53 00-0008 | EA | Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4 | 170.73 | 8.60 |
| 09 69 53 00-0009 | EA | Flush Mounted Telephone Box (Grey/Black/Communications)<br>Note: Includes cut hole. | 117.89 | 8.60 |
| 09 69 53 00-0010 | EA | Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4 | 170.73 | 8.60 |
| 09 69 53 00-0011 | EA | Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2 | 90.38 | 1.38 |

### 09 69 53 00-0012 Final Cleaning For Computer Room Raised Floor System *(09 69 53)*

Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

| | | | | |
|---|---|---|---|---|
| 09 69 53 00-0013 | SF | Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor | 2.47 | |
| 09 69 53 00-0014 | SF | Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath | 2.58 | |
| 09 69 53 00-0015 | SF | Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor | 2.54 | |

# 09 70 Wall Finishes *(09)*

## 09 72 Wall Coverings *(09 70)*

### 09 72 13 Cork Wall Coverings *(09 72)*

#### 09 72 13 00-0001 Cork Wall Covering *(09 72 13)*

| | | | | |
|---|---|---|---|---|
| 09 72 13 00-0002 | SF | 1/8" Cork Wall Covering | 3.93 | 0.61 |
| 09 72 13 00-0003 | SF | 1/4" Cork Wall Covering | 5.07 | 0.61 |
| 09 72 13 00-0004 | SF | 1/2" Cork Wall Covering | 5.98 | 0.61 |
| 09 72 13 00-0005 | SF | 3/4" Cork Wall Covering | 8.64 | 0.61 |

### 09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

### 09 72 16 13 Flexible Vinyl Wall Coverings *(09 72 16)*

#### 09 72 16 13-0001 Vinyl Wall Coverings *(09 72 16 13)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

| | | | | |
|---|---|---|---|---|
| 09 72 16 13-0002 | SF | 7-10 Oz/SY Vinyl Wall Covering | 2.59 | 0.61 |
| | | *For Owner Furnished Material, Deduct* | *-1.63* | |
| 09 72 16 13-0003 | SF | 11-14 Oz/SY Vinyl Wall Covering | 3.39 | 0.61 |
| | | *For Owner Furnished Material, Deduct* | *-2.37* | |
| 09 72 16 13-0004 | SF | 15-19 Oz/SY Vinyl Wall Covering | 3.99 | 0.61 |
| | | *For Owner Furnished Material, Deduct* | *-2.97* | |
| 09 72 16 13-0005 | SF | 20 To 25 Ounces/SY Vinyl Wall Covering | 4.72 | 0.61 |
| | | *For Owner Furnished Material, Deduct* | *-3.43* | |
| 09 72 16 13-0006 | SF | 26-32 Oz/SY Vinyl Wall Covering | 5.51 | 0.61 |
| | | *For Owner Furnished Material, Deduct* | *-4.17* | |
| 09 72 16 13-0007 | SF | 33-38 Oz/SY Vinyl Wall Covering | 6.67 | 0.61 |
| | | *For Owner Furnished Material, Deduct* | *-5.27* | |

### 09 72 23 Wallpapering *(09 72)*

#### 09 72 23 00-0001 Wallpaper Coverings *(09 72 23)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

| | | | | |
|---|---|---|---|---|
| 09 72 23 00-0002 | SF | Average Quality Wallpaper (Standard Grade) | 1.97 | 0.81 |
| 09 72 23 00-0003 | SF | High Quality Wallpaper (Designer Grade) | 3.44 | 1.04 |
| 09 72 23 00-0004 | SF | Textured Paintable Paper Installed On Ceiling | 2.47 | 1.54 |

## 09 73 Wall Carpeting *(09 70)*

#### 09 73 00 00-0001 Carpet Wall Covering *(09 73)*

| | | | | |
|---|---|---|---|---|
| 09 73 00 00-0002 | SY | 28 Ounce, Nylon Carpet Wall Covering | 43.39 | 23.52 |
| 09 73 00 00-0003 | SY | 32 Ounce, Nylon Carpet Wall Covering | 44.45 | 23.52 |
| 09 73 00 00-0004 | SY | 34 Ounce, Nylon Carpet Wall Covering | 48.09 | 25.33 |
| 09 73 00 00-0005 | SY | 35 Ounce, Nylon Carpet Wall Covering | 50.88 | 25.33 |
| 09 73 00 00-0006 | SY | 36 Ounce, Nylon Carpet Wall Covering | 53.76 | 25.33 |
| 09 73 00 00-0007 | SY | 38 Ounce, Nylon Carpet Wall Covering | 55.04 | 25.33 |
| 09 73 00 00-0008 | SY | 40 Ounce, Nylon Carpet Wall Covering | 57.32 | 27.36 |
| 09 73 00 00-0009 | SY | 42 Ounce, Nylon Carpet Wall Covering | 59.81 | 27.36 |

## 09 74 Flexible Wood Sheets *(09 70)*

### 09 74 16 Flexible Wood Veneers *(09 74)*

#### 09 74 16 00-0001 Flexible Wood Veneer *(09 74 16)*

| | | | | |
|---|---|---|---|---|
| 09 74 16 00-0002 | SF | 1/32" Thick, Flexible Maple Wood Veneer | 8.28 | 2.46 |
| 09 74 16 00-0003 | SF | 1/32" Thick, Flexible Oak Wood Veneer | 8.50 | 2.46 |
| 09 74 16 00-0004 | SF | 1/32" Thick, Flexible Mahogany Wood Veneer | 8.50 | 2.46 |
| 09 74 16 00-0005 | SF | 1/32" Thick, Flexible Birch Wood Veneer | 8.71 | 2.46 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 74 16 00-0006 | SF | 1/32" Thick, Flexible Walnut Wood Veneer | 9.77 | 2.46 |
| 09 74 16 00-0007 | SF | 1/32" Thick, Flexible Bamboo Wood Veneer | 11.04 | 2.46 |
| 09 74 16 00-0008 | SF | 1/32" Thick, Flexible Fir Wood Veneer | 12.52 | 2.46 |
| 09 74 16 00-0009 | | Flexible Exotic Wood Veneer *(09 74 16)* | | |
| 09 74 16 00-0010 | SF | 1/32" Thick, Flexible Exotic Wood Veneer | 16.18 | 2.46 |

# 09 80 Acoustic Treatment *(09)*

## 09 81 Acoustic Insulation *(09 80)*

### 09 81 16 Acoustic Blanket Insulation *(09 81)*

| | | | | |
|---|---|---|---|---|
| 09 81 16 00-0001 | | Sound Attenuation Fire Blankets (SAFB) *(09 81 16)* | | |
| 09 81 16 00-0002 | | 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)* | | |
| 09 81 16 00-0003 | SF | 1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 1.57 | 0.26 |
| 09 81 16 00-0004 | SF | 2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 1.71 | 0.26 |
| 09 81 16 00-0005 | SF | 2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 1.91 | 0.26 |
| 09 81 16 00-0006 | SF | 3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 2.06 | 0.26 |
| 09 81 16 00-0007 | SF | 3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 2.27 | 0.26 |
| 09 81 16 00-0008 | SF | 4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 2.46 | 0.26 |
| 09 81 16 00-0009 | SF | 5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 2.71 | 0.26 |
| 09 81 16 00-0010 | SF | 6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 3.00 | 0.26 |
| 09 81 16 00-0011 | | 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)* | | |
| 09 81 16 00-0012 | SF | 1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) | 1.54 | 0.26 |
| 09 81 16 00-0013 | | Sound Attenuation Batts *(09 81 16)* | | |
| | | Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville. | | |
| 09 81 16 00-0014 | SF | 2-1/2" Thick, Unfaced Sound Attenuation Batt | 0.98 | 0.34 |
| 09 81 16 00-0015 | SF | 3-1/2" Thick, Unfaced Sound Attenuation Batt | 1.06 | 0.34 |
| 09 81 16 00-0016 | SF | 3-1/2" Thick, Kraft Faced Sound Attenuation Batt | 1.11 | 0.34 |
| 09 81 16 00-0017 | SF | 5-1/2" Thick, Unfaced Sound Attenuation Batt | 1.26 | 0.34 |
| 09 81 16 00-0018 | SF | 5-1/2" Thick, Kraft Faced Sound Attenuation Batt | 1.30 | 0.34 |
| 09 81 16 00-0019 | SF | 6-1/4" Thick, Unfaced Sound Attenuation Batt | 1.29 | 0.34 |
| 09 81 16 00-0020 | SF | 6-1/4" Thick, Kraft Faced Sound Attenuation Batt | 1.34 | 0.34 |

## 09 84 Acoustic Room Components *(09 80)*

### 09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

| | | | | |
|---|---|---|---|---|
| 09 84 13 00-0001 | | Sound Absorbing Panels And Attenuation Blankets *(09 84 13)* | | |
| | | Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support. | | |
| 09 84 13 00-0002 | SF | 3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler | 9.44 | 1.71 |
| 09 84 13 00-0003 | SF | 1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls | 13.97 | 1.71 |
| 09 84 13 00-0004 | | Sound Absorbing Acoustical Wall Panel System *(09 84 13)* | | |
| | | See CSI section 06 11 16 00-0175 for wood furring. | | |
| 09 84 13 00-0005 | | Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)* | | |
| | | Note: Includes tackable surface, molding and mounting hardware for flush mount. | | |
| 09 84 13 00-0006 | SF | 5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl) | 12.12 | 1.94 |
| 09 84 13 00-0007 | SF | 3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®) | 11.14 | 1.94 |
| 09 84 13 00-0008 | SF | 3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701) | 14.22 | 1.94 |
| 09 84 13 00-0009 | SF | 3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™) | 14.24 | 1.94 |
| 09 84 13 00-0010 | SF | 3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™) | 15.80 | 1.94 |
| 09 84 13 00-0011 | SF | 3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™) | 15.80 | 1.94 |
| 09 84 13 00-0012 | | Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)* | | |
| | | Note: Includes molding and mounting hardware for flush mount. | | |
| 09 84 13 00-0013 | SF | 1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®) | 14.26 | 1.94 |
| 09 84 13 00-0014 | SF | 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701) | 16.80 | 1.94 |
| 09 84 13 00-0015 | SF | 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™) | 16.80 | 1.94 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 84 13 00-0016 | SF | 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™) | 19.33 | 1.94 |
| 09 84 13 00-0017 | SF | 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™) | 19.33 | 1.94 |

### 09 84 13 00-0018 Sound Absorbing Panel, Eggcrate Style *(09 84 13)*

Note: Ceiling or wall hung back.

| | | | | |
|---|---|---|---|---|
| 09 84 13 00-0019 | SF | 2" Thick Polyurethane Sound Wave (Eggcrate Style) | 8.56 | |
| | | *For Pyramid Style, Add* | *1.18* | |
| 09 84 13 00-0020 | SF | 3" Thick Polyurethane Sound Wave (Eggcrate Style) | 11.35 | |
| | | *For Pyramid Style, Add* | *1.18* | |
| 09 84 13 00-0021 | SF | 4" Thick Polyurethane Sound Wave (Eggcrate Style) | 14.91 | |
| | | *For Pyramid Style, Add* | *1.18* | |
| 09 84 13 00-0022 | SF | 2" Thick Melamine Sound Wave (Eggcrate Style) | 11.21 | |
| | | *For Eggcrate Style With Hypalon Coating, Add* | *1.97* | |
| | | *For Pyramid Style, Add* | *2.05* | |
| | | *For Pyramid Style With Hypalon Coating, Add* | *4.02* | |
| 09 84 13 00-0023 | SF | 3" Thick Melamine Sound Wave (Eggcrate Style) | 22.30 | |
| | | *For Eggcrate Style With Hypalon Coating, Add* | *1.97* | |
| | | *For Pyramid Style, Add* | *0.42* | |
| | | *For Pyramid Style With Hypalon Coating, Add* | *2.40* | |
| 09 84 13 00-0024 | SF | 4" Thick Melamine Sound Wave (Eggcrate Style) | 28.58 | |
| | | *For Eggcrate Style With Hypalon Coating, Add* | *1.97* | |
| | | *For Pyramid Style, Add* | *0.42* | |
| | | *For Pyramid Style With Hypalon Coating, Add* | *2.40* | |

### 09 84 13 00-0025 Sound Deadening Fiberboard *(09 84 13)*

| | | | | |
|---|---|---|---|---|
| 09 84 13 00-0026 | SF | 1/2" Sound Deadening Fiberboard | 1.18 | 0.43 |
| | | *For Horizontal Installation Up To 10' High, Add* | *0.27* | |
| | | *For Horizontal Installation >10' High, Add* | *0.39* | |
| | | *For Walls >10' High, Add* | *0.06* | |
| | | *For Up To 128, Add* | *0.39* | |
| | | *For >128 To 320, Add* | *0.24* | |

## 09 90 Painting and Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

### 09 91 Painting *(09 90)*

#### 09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

### 09 91 13 00-0001 Paint Exterior Walls/Siding *(09 91 13)*

### 09 91 13 00-0002 Paint Exterior Brick Walls *(09 91 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0003 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls | 0.16 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.10* | |
| | | *For >100 To 250, Add* | *0.05* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 13 00-0004 | SF | 1 Coat Filler, Brush Work, Paint Exterior Brick Walls | 0.71 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0005 | SF | 1 Coat Paint, Brush Work, Paint Exterior Brick Walls | 1.01 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.33* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 13 00-0006 | SF | 2 Coats Paint, Brush Work, Paint Exterior Brick Walls | 1.47 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.87* | |
| | | *For >100 To 250, Add* | *0.42* | |
| | | *For >250 To 500, Add* | *0.18* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.22* | |
| | | *For >20,000, Deduct* | *-0.29* | |
| 09 91 13 00-0007 | SF | 1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls | 0.49 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 13 00-0008 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls | 0.80 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 13 00-0009 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls | 1.20 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.42* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.24* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0010 | SF | 1 Coat Filler, Sprayed, Paint Exterior Brick Walls | 0.49 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 13 00-0011 | SF | 1 Coat Paint, Sprayed, Paint Exterior Brick Walls | 0.50 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.21* | |
| | | *For >100 To 250, Add* | *0.11* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 13 00-0012 | SF | 2 Coats Paint, Sprayed, Paint Exterior Brick Walls | 1.05 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.21* | |

## 09 91 13 00-0013 Paint Exterior Concrete Walls *(09 91 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0014 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls | 0.11 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Epoxy Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.01* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.07* | |
| | | *For >100 To 250, Add* | *0.03* | |
| | | *For >250 To 500, Add* | *0.01* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0015 | SF | 1 Coat Filler, Brush Work, Paint Exterior Concrete Walls | 0.60 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0016 | SF | 1 Coat Filler, Brush Work, Paint Exterior Concrete Walls | 0.65 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.42* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 13 00-0017 | SF | 2 Coats Paint, Brush Work, Paint Exterior Concrete Walls | 1.22 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.40* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.55* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.78* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.24* | |
| 09 91 13 00-0018 | SF | 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls | 0.49 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.29* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0019 | SF | 1 Coat Paint, Brush/Roller Work, Painit Exterior Concrete Walls | 0.55 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 13 00-0020 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls | 0.93 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Epoxy Paint, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.19* | |
| 09 91 13 00-0021 | SF | 1 Coat Filler, Sprayed, Paint Exterior Concrete Walls | 0.43 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.23* | |
| | | *For >100 To 250, Add* | *0.11* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.06* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| 09 91 13 00-0022 | SF | 1 Coat Paint, Sprayed, Paint Exterior Concrete Walls | 0.39 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.21* | |
| | | *For >100 To 250, Add* | *0.10* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.06* | |
| | | *For >20,000, Deduct* | *-0.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0023 | SF | 2 Coats Paint, Sprayed, Paint Exterior Concrete Walls | 0.70 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.36* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |

## 09 91 13 00-0024 Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*

## 09 91 13 00-0025 Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0024)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0026 | LF | 1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls | 0.15 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.09* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 13 00-0027 | SF | 1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls | 0.85 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 13 00-0028 | SF | 1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls | 0.96 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.40* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.58* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.19* | |
| 09 91 13 00-0029 | SF | 2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls | 1.70 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.49* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.67* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.99* | |
| | | *For >100 To 250, Add* | *0.48* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.26* | |
| | | *For >20,000, Deduct* | *-0.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0030 | SF | 1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls | 0.70 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 13 00-0031 | SF | 1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls | 0.77 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0032 | SF | 2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls | 1.39 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.50* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.75* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.28* | |
| 09 91 13 00-0033 | SF | 1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls | 0.59 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.26* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0034 | SF | 1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls | 0.65 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0035 | SF | 2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls | 1.26 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.25* | |

## 09 91 13 00-0036 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0024)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0037 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls | 0.15 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.09* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 13 00-0038 | SF | 1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls | 0.77 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0039 | SF | 1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls | 0.92 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0040 | SF | 2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls | 1.68 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.50* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.69* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.00* | |
| | | *For >100 To 250, Add* | *0.48* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0041 | SF | Texture Coat, Brush Work, Paint Exterior Concrete Block Walls | 1.02 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 13 00-0042 | SF | 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls | 0.61 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.36* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0043 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls | 0.79 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 13 00-0044 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls | 1.36 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.51* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.76* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.27* | |
| 09 91 13 00-0045 | SF | Texture Coat, Brush/Roller Work, Paint Exterior Concrete Block Walls | 0.88 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.52* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0046 | SF | 1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls | 0.61 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0047 | SF | 1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls | 0.65 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 13 00-0048 | SF | 2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls | 0.99 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 13 00-0049 | SF | Texture Coat, Sprayed, Paint Exterior Concrete Block Walls | 0.82 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.42* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |

## 09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0051 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls | 0.11 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.01* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.07* | |
| | | *For >100 To 250, Add* | *0.03* | |
| | | *For >250 To 500, Add* | *0.01* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |
| | | *For Epoxy Paint, Add* | *0.01* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0052 | SF | 1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall | 0.61 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| 09 91 13 00-0053 | SF | 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls | 0.67 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| 09 91 13 00-0054 | SF | 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls | 1.23 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Orange Peel Finish, Add* | *0.17* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.40* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.79* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.25* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| 09 91 13 00-0055 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls | 0.49 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Orange Peel Finish, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.29* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| | | *For Epoxy Paint, Add* | *0.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0056 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls | 0.50 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Orange Peel Finish, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| 09 91 13 00-0057 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls | 0.91 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Orange Peel Finish, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| | | *For Epoxy Paint, Add* | *0.11* | |
| 09 91 13 00-0058 | SF | 1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls | 0.43 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.23* | |
| | | *For >100 To 250, Add* | *0.11* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.06* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| 09 91 13 00-0059 | SF | 1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls | 0.46 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| | | *For Epoxy Paint, Add* | *0.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0060 | SF | 2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls | 0.76 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| 09 91 13 00-0061 | | Paint Exterior Metal Walls *(09 91 13 00-0001)* | | |
| 09 91 13 00-0062 | | Paint Exterior Galvanized Walls *(09 91 13 00-0061)* | | |
| | | Note: Linseed oil or acrylic latex paint. | | |
| 09 91 13 00-0063 | SF | 1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces | 0.85 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 13 00-0064 | SF | 1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces | 0.92 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0065 | SF | 2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces | 1.70 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.91* | |
| | | *For >100 To 250, Add* | *0.44* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.26* | |
| | | *For >20,000, Deduct* | *-0.34* | |
| 09 91 13 00-0066 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls | 0.64 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0067 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls | 0.73 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0068 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls | 1.38 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.72* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.28* | |
| 09 91 13 00-0069 | SF | 1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls | 0.60 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.24* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0070 | SF | 1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls | 0.74 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0071 | SF | 2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls | 1.29 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.26* | |

09 91 13 00-0072 Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0061)*
Note: Alkyd enamel paint.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0073 | SF | 1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces | 0.85 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 13 00-0074 | SF | 1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces | 0.92 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0075 | SF | 2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces | 1.69 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.91* | |
| | | *For >100 To 250, Add* | *0.44* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.34* | |
| 09 91 13 00-0076 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls | 0.74 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0077 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls | 0.82 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0078 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls | 1.56 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.75* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.23* | |
| | | *For >20,000, Deduct* | *-0.31* | |
| 09 91 13 00-0079 | SF | 1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls | 0.64 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 13 00-0080 | SF | 1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls | 0.74 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0081 | SF | 2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls | 1.29 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.26* | |

## 09 91 13 00-0082 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0061)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0083 | LF | 1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack | 10.50 | |
| | | *For Work >15' To 20' Above Floor, Add* | *1.31* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *2.19* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *3.50* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *4.82* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *6.83* | |
| | | *For >100 To 250, Add* | *3.24* | |
| | | *For >250 To 500, Add* | *1.40* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.53* | |
| | | *For >5,000 To 10,000, Deduct* | *-1.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-1.58* | |
| | | *For >20,000, Deduct* | *-2.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0084 | LF | 1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack | 11.69 | |
| | | *For Work >15' To 20' Above Floor, Add* | *1.46* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *2.43* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *3.89* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *5.35* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *7.59* | |
| | | *For >100 To 250, Add* | *3.60* | |
| | | *For >250 To 500, Add* | *1.56* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.58* | |
| | | *For >5,000 To 10,000, Deduct* | *-1.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-1.75* | |
| | | *For >20,000, Deduct* | *-2.34* | |
| 09 91 13 00-0085 | LF | 2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack | 21.78 | |
| | | *For Work >15' To 20' Above Floor, Add* | *2.74* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *4.57* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *7.32* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *10.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *14.24* | |
| | | *For >100 To 250, Add* | *6.75* | |
| | | *For >250 To 500, Add* | *2.92* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-2.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-3.27* | |
| | | *For >20,000, Deduct* | *-4.36* | |

## 09 91 13 00-0086 Paint Exterior Corrugated Metal Walls *(09 91 13 00-0061)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0087 | SF | 1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls | 0.72 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.30* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 13 00-0088 | SF | 1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls | 0.92 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0089 | SF | 2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls | 1.58 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.71* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.24* | |
| | | *For >20,000, Deduct* | *-0.32* | |

## 09 91 13 00-0090 Paint Exterior Stucco Walls *(09 91 13 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0091 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces | 0.18 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.12* | |
| | | *For >100 To 250, Add* | *0.06* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.03* | |
| | | *For >20,000, Deduct* | *-0.04* | |
| 09 91 13 00-0092 | SF | 1 Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces | 1.02 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.67* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 13 00-0093 | SF | 1 Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces | 1.13 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.73* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 13 00-0094 | SF | 2 Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces | 2.09 | |
| | | *For Oil Based Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.68* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.94* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.34* | |
| | | *For >100 To 250, Add* | *0.64* | |
| | | *For >250 To 500, Add* | *0.28* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.21* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.31* | |
| | | *For >20,000, Deduct* | *-0.42* | |
| 09 91 13 00-0095 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls | 0.78 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0096 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls | 0.88 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0097 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls | 1.64 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.50* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.69* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.00* | |
| | | *For >100 To 250, Add* | *0.48* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.33* | |
| 09 91 13 00-0098 | SF | 1 Coat Primer, Sprayed, Paint Exterior Stucco Walls | 0.61 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.34* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0099 | SF | 1 Coat Paint, Sprayed, Paint Exterior Stucco Walls | 0.73 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.40* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0100 | SF | 2 Coats Paint, Sprayed, Paint Exterior Stucco Walls | 1.41 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.54* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 250, Add* | *0.39* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.28* | |

09 91 13 00-0101 Paint Exterior Wood Siding *(09 91 13 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0102 | | **Paint Exterior Smooth Wood Siding** *(09 91 13 00-0101)* | | |
| | | Note: Includes tongue and groove, beveled, drop or board and batten siding. | | |
| 09 91 13 00-0103 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding | 0.15 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.09* | |
| | | *For >100 To 250, Add* | *0.05* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 13 00-0104 | SF | 1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding | 0.87 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 13 00-0105 | SF | 1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding | 0.91 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.41* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.59* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0106 | SF | 2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding | 1.64 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.33* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.53* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.73* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.04* | |
| | | *For >100 To 250, Add* | *0.49* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.33* | |
| 09 91 13 00-0107 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding | 0.69 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0108 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding | 0.75 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0109 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding | 1.41 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.41* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.57* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.83* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.28* | |
| 09 91 13 00-0110 | SF | 1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding | 0.58 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.30* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0111 | SF | 1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding | 0.69 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 13 00-0112 | SF | 2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding | 1.10 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.59* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.22* | |

09 91 13 00-0113 Paint Exterior Rough Wood Siding *(09 91 13 00-0101)*
Note: Includes shingles, shakes or rough sawn siding.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0114 | SF | 1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding | 1.16 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.74* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 13 00-0115 | SF | 1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding | 1.15 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.40* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.54* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.77* | |
| | | *For >100 To 250, Add* | *0.36* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 13 00-0116 | SF | 2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding | 2.12 | |
| | | *For Oil Based Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.72* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.99* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.40* | |
| | | *For >100 To 250, Add* | *0.66* | |
| | | *For >250 To 500, Add* | *0.29* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.21* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.32* | |
| | | *For >20,000, Deduct* | *-0.42* | |
| 09 91 13 00-0117 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) | 1.05 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.58* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.21* | |
| 09 91 13 00-0118 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) | 1.13 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0119 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) | 2.10 | |
| | | *For Oil Based Paint, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.77* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.16* | |
| | | *For >100 To 250, Add* | *0.56* | |
| | | *For >250 To 500, Add* | *0.25* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.21* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.32* | |
| | | *For >20,000, Deduct* | *-0.42* | |
| 09 91 13 00-0120 | SF | 1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) | 0.79 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 13 00-0121 | SF | 1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) | 0.89 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0122 | SF | 2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) | 1.66 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.59* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.89* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.33* | |

## 09 91 13 00-0123 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0124 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding | 0.12 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.01* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.07* | |
| | | *For >100 To 250, Add* | *0.03* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0125 | SF | 1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding | 0.66 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 13 00-0126 | SF | 1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding | 0.72 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 13 00-0127 | SF | 2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding | 1.34 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.77* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.27* | |
| 09 91 13 00-0128 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding | 0.61 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0129 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding | 0.61 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0130 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding | 1.13 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.59* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 13 00-0131 | SF | 1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding | 0.56 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.26* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 13 00-0132 | SF | 1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding | 0.64 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 13 00-0133 | SF | 2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding | 1.26 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.25* | |

09 91 13 00-0134 Paint Exterior Ceilings *(09 91 13)*

09 91 13 00-0135 Paint Exterior Concrete Ceilings *(09 91 13 00-0134)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0136 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling | 0.12 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Epoxy Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.08* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |
| 09 91 13 00-0137 | SF | 1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling | 0.67 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.42* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 13 00-0138 | SF | 1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling | 0.73 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0139 | SF | 2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling | 1.31 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.85* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0140 | SF | 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling | 0.52 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 13 00-0141 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling | 0.58 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0142 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling | 1.08 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| 09 91 13 00-0143 | SF | 1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling | 0.45 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.24* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0144 | SF | 1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling | 0.52 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 13 00-0145 | SF | 2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling | 0.86 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |

09 91 13 00-0146 Drywall/Plaster *(09 91 13 00-0134)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0147 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling | 0.12 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Epoxy Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.08* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |
| | | *For Epoxy Paint, Add* | *0.01* | |
| 09 91 13 00-0148 | SF | 1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling | 0.68 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.09* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| | | *For Epoxy Paint, Add* | *0.07* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0149 | SF | 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling | 0.73 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.10* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| 09 91 13 00-0150 | SF | 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling | 1.31 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Orange Peel Finish, Add* | *0.18* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.85* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.26* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| 09 91 13 00-0151 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling | 0.51 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Orange Peel Finish, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.30* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| 09 91 13 00-0152 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling | 0.58 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Orange Peel Finish, Add* | *0.08* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| | | *For Epoxy Paint, Add* | *0.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0153 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling | 1.08 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Orange Peel Finish, Add* | *0.15* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| 09 91 13 00-0154 | SF | 1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling | 0.45 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.24* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| 09 91 13 00-0155 | SF | 1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling | 0.52 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| 09 91 13 00-0156 | SF | 2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling | 0.86 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| | | *For Epoxy Paint, Add* | *0.12* | |

09 91 13 00-0157 Paint Exterior Wood Ceilings *(09 91 13 00-0134)*

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0157)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0159 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling | 0.14 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.09* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 13 00-0160 | SF | 1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling | 0.84 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.52* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 13 00-0161 | SF | 1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling | 0.86 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 13 00-0162 | SF | 2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling | 1.58 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.50* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.69* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.99* | |
| | | *For >100 To 250, Add* | *0.47* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.24* | |
| | | *For >20,000, Deduct* | *-0.32* | |
| 09 91 13 00-0163 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling | 0.69 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0164 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling | 0.74 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0165 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling | 1.32 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.76* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.26* | |
| 09 91 13 00-0166 | SF | 1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling | 0.55 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 13 00-0167 | SF | 1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling | 0.55 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 13 00-0168 | SF | 2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling | 1.01 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |

09 91 13 00-0169 Paint Exterior Rough Wood Ceilings *(09 91 13 00-0157)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0170 | SF | 1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling | 1.25 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.54* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.78* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.25* | |
| 09 91 13 00-0171 | SF | 1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling | 1.25 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.84* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.25* | |
| 09 91 13 00-0172 | SF | 2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling | 2.20 | |
| | | *For Oil Based Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.75* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *1.03* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.46* | |
| | | *For >100 To 250, Add* | *0.69* | |
| | | *For >250 To 500, Add* | *0.30* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.22* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.33* | |
| | | *For >20,000, Deduct* | *-0.44* | |
| 09 91 13 00-0173 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling | 1.13 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 13 00-0174 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling | 1.21 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.70* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.24* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0175 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling | 2.18 | |
| | | *For Oil Based Paint, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.59* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.81* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.22* | |
| | | *For >100 To 250, Add* | *0.59* | |
| | | *For >250 To 500, Add* | *0.26* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.22* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.33* | |
| | | *For >20,000, Deduct* | *-0.44* | |
| 09 91 13 00-0176 | SF | 1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling | 0.88 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0177 | SF | 1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling | 0.98 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 13 00-0178 | SF | 2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling | 1.77 | |
| | | *For Oil Based Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.65* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.97* | |
| | | *For >100 To 250, Add* | *0.47* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.35* | |

09 91 13 00-0179 Paint Exterior Metal Ceilings *(09 91 13 00-0134)*

09 91 13 00-0180 Paint Exterior Galvanized Ceilings *(09 91 13 00-0179)*

Note: Linseed oil or acrylic latex paint.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0181 | SF | 1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling | 0.92 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0182 | SF | 1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling | 1.00 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 13 00-0183 | SF | 2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling | 1.85 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.50* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.69* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.03* | |
| | | *For >100 To 250, Add* | *0.50* | |
| | | *For >250 To 500, Add* | *0.22* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.28* | |
| | | *For >20,000, Deduct* | *-0.37* | |
| 09 91 13 00-0184 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling | 0.72 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 13 00-0185 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling | 0.80 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0186 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling | 1.44 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.78* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.22* | |
| | | *For >20,000, Deduct* | *-0.29* | |
| 09 91 13 00-0187 | SF | 1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling | 0.74 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0188 | SF | 1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling | 0.83 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 13 00-0189 | SF | 2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling | 1.39 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.28* | |

## 09 91 13 00-0190 Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0179)*

Note: Alkyd enamel paint.

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0191 | SF | 1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 0.92 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0192 | SF | 1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 1.00 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 13 00-0193 | SF | 2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 1.85 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.50* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.69* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.03* | |
| | | *For >100 To 250, Add* | *0.50* | |
| | | *For >250 To 500, Add* | *0.22* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.28* | |
| | | *For >20,000, Deduct* | *-0.37* | |
| 09 91 13 00-0194 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 0.82 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 13 00-0195 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 0.90 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.47* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0196 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 1.64 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.81* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.18* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0197 | SF | 1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 0.74 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0198 | SF | 1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 0.74 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0199 | SF | 2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling | 1.39 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.28* | |

## 09 91 13 00-0200 Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0179)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0201 | SF | 1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling | 0.82 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 13 00-0202 | SF | 1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling | 0.92 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0203 | SF | 2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling | 1.70 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.50* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.18* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.26* | |
| | | *For >20,000, Deduct* | *-0.34* | |

## 09 91 13 00-0204 Paint Exterior Floors *(09 91 13)*

## 09 91 13 00-0205 Paint Exterior Concrete Floors *(09 91 13 00-0204)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0206 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks | 0.10 | |
| | | *For Up To 100, Add* | *0.06* | |
| | | *For >100 To 250, Add* | *0.03* | |
| | | *For >250 To 500, Add* | *0.01* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |
| 09 91 13 00-0207 | SF | 1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks | 0.52 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 13 00-0208 | SF | 1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks | 0.58 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0209 | SF | 2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks | 1.08 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| 09 91 13 00-0210 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks | 0.44 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| 09 91 13 00-0211 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks | 0.50 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 13 00-0212 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks | 0.83 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Epoxy Paint, Add* | *0.11* | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0213 | SF | 1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks | 0.36 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Up To 100, Add* | *0.17* | |
| | | *For >100 To 250, Add* | *0.09* | |
| | | *For >250 To 500, Add* | *0.04* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.05* | |
| | | *For >20,000, Deduct* | *-0.07* | |
| 09 91 13 00-0214 | SF | 1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks | 0.42 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.24* | |
| | | *For >100 To 250, Add* | *0.11* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.06* | |
| | | *For >20,000, Deduct* | *-0.08* | |
| 09 91 13 00-0215 | SF | 2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks | 0.76 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 13 00-0216 | SF | 1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks | 1.78 | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.36* | |
| 09 91 13 00-0217 | SF | 1 Coat Anti-Slip, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks | 4.45 | |
| | | *For Up To 100, Add* | *0.90* | |
| | | *For >100 To 250, Add* | *0.54* | |
| | | *For >250 To 500, Add* | *0.26* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.22* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.45* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.67* | |
| | | *For >20,000, Deduct* | *-0.89* | |
| 09 91 13 00-0218 | SF | 1 Coat Anti-Slip High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks | 5.58 | |
| | | *For Up To 100, Add* | *1.07* | |
| | | *For >100 To 250, Add* | *0.66* | |
| | | *For >250 To 500, Add* | *0.32* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.28* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.56* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.84* | |
| | | *For >20,000, Deduct* | *-1.12* | |

## 09 91 13 00-0219 Paint Exterior Wood Floors *(09 91 13 00-0204)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0220 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks | 0.12 | |
| | | *For Up To 100, Add* | *0.07* | |
| | | *For >100 To 250, Add* | *0.03* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |
| 09 91 13 00-0221 | SF | 1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks | 0.66 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 13 00-0222 | SF | 1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks | 0.71 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0223 | SF | 2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks | 1.33 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Up To 100, Add* | *0.81* | |
| | | *For >100 To 250, Add* | *0.39* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.27* | |
| 09 91 13 00-0224 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks | 0.61 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 13 00-0225 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks | 0.66 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 13 00-0226 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks | 1.08 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Up To 100, Add* | *0.58* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| 09 91 13 00-0227 | SF | 1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks | 0.45 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Up To 100, Add* | *0.24* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| 09 91 13 00-0228 | SF | 1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks | 0.55 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 13 00-0229 | SF | 2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks | 0.91 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 13 00-0230 | SF | 1 Coat Non Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks | 1.86 | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.28* | |
| | | *For >20,000, Deduct* | *-0.37* | |
| 09 91 13 00-0231 | SF | 1 Coat Non Slip Epoxy Coating, Brush Work, Paint Exterior Wood Floors And Decks | 5.66 | |
| | | *For Up To 100, Add* | *1.13* | |
| | | *For >100 To 250, Add* | *0.68* | |
| | | *For >250 To 500, Add* | *0.33* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.28* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.57* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.85* | |
| | | *For >20,000, Deduct* | *-1.13* | |

09 91 13 00-0232 Paint Exterior Doors And Windows *(09 91 13)*

09 91 13 00-0233 Paint Exterior Door Frames *(09 91 13 00-0232)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0234 | LF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim | 0.84 | |
| | | *For Painting Either Interior Or Exterior Only, Deduct* | *-0.22* | |
| 09 91 13 00-0235 | LF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim | 1.09 | |
| | | *For Painting Either Interior Or Exterior Only, Deduct* | *-0.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0236 | LF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim | 1.84 | |
| | | *For Painting Either Interior Or Exterior Only, Deduct* | *-0.48* | |
| 09 91 13 00-0237 | LF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim | 0.89 | |
| | | *For Painting Either Interior Or Exterior Only, Deduct* | *-0.24* | |
| 09 91 13 00-0238 | LF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim | 1.14 | |
| | | *For Painting Either Interior Or Exterior Only, Deduct* | *-0.31* | |
| 09 91 13 00-0239 | LF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim | 1.91 | |
| | | *For Painting Either Interior Or Exterior Only, Deduct* | *-0.51* | |

## 09 91 13 00-0240 Paint Exterior Metal Doors *(09 91 13 00-0232)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0241 | EA | 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door | 43.25 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *3.40* | |
| | | *For Full Louvered Door, Add* | *5.66* | |
| | | *For Electrostatic Painting, Add* | *7.42* | |
| | | *For >5 To 10, Deduct* | *-2.16* | |
| | | *For >10 To 25, Deduct* | *-4.33* | |
| | | *For >25, Deduct* | *-6.49* | |
| 09 91 13 00-0242 | EA | 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door | 43.25 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *3.40* | |
| | | *For Full Louvered Door, Add* | *5.66* | |
| | | *For Electrostatic Painting, Add* | *7.42* | |
| | | *For >5 To 10, Deduct* | *-2.16* | |
| | | *For >10 To 25, Deduct* | *-4.33* | |
| | | *For >25, Deduct* | *-6.49* | |
| 09 91 13 00-0243 | EA | 2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door | 79.19 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *5.74* | |
| | | *For Full Louvered Door, Add* | *9.56* | |
| | | *For Electrostatic Painting, Add* | *14.06* | |
| | | *For >5 To 10, Deduct* | *-3.96* | |
| | | *For >10 To 25, Deduct* | *-7.92* | |
| | | *For >25, Deduct* | *-11.88* | |
| 09 91 13 00-0244 | EA | 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door | 77.63 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *6.09* | |
| | | *For Full Louvered Door, Add* | *10.15* | |
| | | *For Electrostatic Painting, Add* | *13.32* | |
| | | *For >5 To 10, Deduct* | *-3.88* | |
| | | *For >10 To 25, Deduct* | *-7.76* | |
| | | *For >25, Deduct* | *-11.64* | |
| 09 91 13 00-0245 | EA | 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door | 77.63 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *6.09* | |
| | | *For Full Louvered Door, Add* | *10.15* | |
| | | *For Electrostatic Painting, Add* | *13.32* | |
| | | *For >5 To 10, Deduct* | *-3.88* | |
| | | *For >10 To 25, Deduct* | *-7.76* | |
| | | *For >25, Deduct* | *-11.64* | |
| 09 91 13 00-0246 | EA | 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door | 142.74 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *10.30* | |
| | | *For Full Louvered Door, Add* | *17.17* | |
| | | *For Electrostatic Painting, Add* | *25.38* | |
| | | *For >5 To 10, Deduct* | *-7.14* | |
| | | *For >10 To 25, Deduct* | *-14.27* | |
| | | *For >25, Deduct* | *-21.41* | |
| 09 91 13 00-0247 | EA | 1 Coat Primer, Sprayed, Paint Exterior Metal Door | 41.53 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *2.83* | |
| | | *For Full Louvered Door, Add* | *4.72* | |
| | | *For Electrostatic Painting, Add* | *7.55* | |
| | | *For >5 To 10, Deduct* | *-2.08* | |
| | | *For >10 To 25, Deduct* | *-4.15* | |
| | | *For >25, Deduct* | *-6.23* | |
| 09 91 13 00-0248 | EA | 1 Coat Paint, Sprayed, Paint Exterior Metal Door | 41.53 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *2.83* | |
| | | *For Full Louvered Door, Add* | *4.72* | |
| | | *For Electrostatic Painting, Add* | *7.55* | |
| | | *For >5 To 10, Deduct* | *-2.08* | |
| | | *For >10 To 25, Deduct* | *-4.15* | |
| | | *For >25, Deduct* | *-6.23* | |
| 09 91 13 00-0249 | EA | 2 Coats Paint, Sprayed, Paint Exterior Metal Door | 76.90 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *4.78* | |
| | | *For Full Louvered Door, Add* | *7.96* | |
| | | *For Electrostatic Painting, Add* | *14.45* | |
| | | *For >5 To 10, Deduct* | *-3.85* | |
| | | *For >10 To 25, Deduct* | *-7.69* | |
| | | *For >25, Deduct* | *-11.54* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0250 | EA | 1 Coat Primer, Sprayed, Paint Exterior Metal Door | 74.55 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *5.07* | |
| | | *For Full Louvered Door, Add* | *8.46* | |
| | | *For Electrostatic Painting, Add* | *13.56* | |
| | | *For >5 To 10, Deduct* | *-3.73* | |
| | | *For >10 To 25, Deduct* | *-7.46* | |
| | | *For >25, Deduct* | *-11.18* | |
| 09 91 13 00-0251 | EA | 1 Coat Paint, Sprayed, Paint Exterior Metal Door | 74.55 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *5.07* | |
| | | *For Full Louvered Door, Add* | *8.46* | |
| | | *For Electrostatic Painting, Add* | *13.56* | |
| | | *For >5 To 10, Deduct* | *-3.73* | |
| | | *For >10 To 25, Deduct* | *-7.46* | |
| | | *For >25, Deduct* | *-11.18* | |
| 09 91 13 00-0252 | EA | 2 Coats Paint, Sprayed, Paint Exterior Metal Door | 138.70 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *8.58* | |
| | | *For Full Louvered Door, Add* | *14.31* | |
| | | *For Electrostatic Painting, Add* | *26.09* | |
| | | *For >5 To 10, Deduct* | *-6.94* | |
| | | *For >10 To 25, Deduct* | *-13.87* | |
| | | *For >25, Deduct* | *-20.81* | |
| 09 91 13 00-0253 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door | 1.90 | |
| | | *For Electrostatic Painting, Add* | *0.24* | |
| 09 91 13 00-0254 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door | 2.03 | |
| | | *For Electrostatic Painting, Add* | *0.28* | |
| 09 91 13 00-0255 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door | 4.13 | |
| | | *For Electrostatic Painting, Add* | *0.54* | |
| 09 91 13 00-0256 | SF | 1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door | 2.12 | |
| | | *For Electrostatic Painting, Add* | *0.26* | |
| 09 91 13 00-0257 | SF | 1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door | 2.25 | |
| | | *For Electrostatic Painting, Add* | *0.30* | |
| 09 91 13 00-0258 | SF | 2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door | 4.36 | |
| | | *For Electrostatic Painting, Add* | *0.57* | |
| 09 91 13 00-0259 | | **Paint Exterior Wood Doors** *(09 91 13 00-0232)* | | |
| 09 91 13 00-0260 | EA | 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door | 35.37 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *3.40* | |
| | | *For Full Louvered Door, Add* | *5.66* | |
| | | *For >5 To 10, Deduct* | *-1.77* | |
| | | *For >10 To 25, Deduct* | *-3.54* | |
| | | *For >25, Deduct* | *-5.31* | |
| 09 91 13 00-0261 | EA | 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door | 35.37 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *3.40* | |
| | | *For Full Louvered Door, Add* | *5.66* | |
| | | *For >5 To 10, Deduct* | *-1.77* | |
| | | *For >10 To 25, Deduct* | *-3.54* | |
| | | *For >25, Deduct* | *-5.31* | |
| 09 91 13 00-0262 | EA | 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door | 63.54 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *5.74* | |
| | | *For Full Louvered Door, Add* | *9.56* | |
| | | *For >5 To 10, Deduct* | *-3.18* | |
| | | *For >10 To 25, Deduct* | *-6.35* | |
| | | *For >25, Deduct* | *-9.53* | |
| 09 91 13 00-0263 | EA | 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door | 63.48 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *6.09* | |
| | | *For Full Louvered Door, Add* | *10.15* | |
| | | *For >5 To 10, Deduct* | *-3.17* | |
| | | *For >10 To 25, Deduct* | *-6.35* | |
| | | *For >25, Deduct* | *-9.52* | |
| 09 91 13 00-0264 | EA | 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door | 63.48 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *6.09* | |
| | | *For Full Louvered Door, Add* | *10.15* | |
| | | *For >5 To 10, Deduct* | *-3.17* | |
| | | *For >10 To 25, Deduct* | *-6.35* | |
| | | *For >25, Deduct* | *-9.52* | |
| 09 91 13 00-0265 | EA | 2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door | 114.44 | |
| | | Note: Both faces | | |
| | | *For Half Louvered Door, Add* | *10.30* | |
| | | *For Full Louvered Door, Add* | *17.17* | |
| | | *For >5 To 10, Deduct* | *-5.72* | |
| | | *For >10 To 25, Deduct* | *-11.44* | |
| | | *For >25, Deduct* | *-17.17* | |
| 09 91 13 00-0266 | EA | 1 Coat Primer, Sprayed, Paint Exterior Wood Door | 32.87 | |
| | | Note: One face | | |
| | | *For Half Louvered Door, Add* | *2.83* | |
| | | *For Full Louvered Door, Add* | *4.72* | |
| | | *For >5 To 10, Deduct* | *-1.64* | |
| | | *For >10 To 25, Deduct* | *-3.29* | |
| | | *For >25, Deduct* | *-4.93* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0267 | EA | 1 Coat Paint, Sprayed, Paint Exterior Wood Door<br>Note: One face | 32.87 | |
| | | *For Half Louvered Door, Add* | *2.83* | |
| | | *For Full Louvered Door, Add* | *4.72* | |
| | | *For >5 To 10, Deduct* | *-1.64* | |
| | | *For >10 To 25, Deduct* | *-3.29* | |
| | | *For >25, Deduct* | *-4.93* | |
| 09 91 13 00-0268 | EA | 2 Coats Paint, Sprayed, Paint Exterior Wood Door<br>Note: One face | 59.71 | |
| | | *For Half Louvered Door, Add* | *4.78* | |
| | | *For Full Louvered Door, Add* | *7.97* | |
| | | *For >5 To 10, Deduct* | *-2.99* | |
| | | *For >10 To 25, Deduct* | *-5.97* | |
| | | *For >25, Deduct* | *-8.96* | |
| 09 91 13 00-0269 | EA | 1 Coat Primer, Sprayed, Paint Exterior Wood Door<br>Note: Both faces | 58.99 | |
| | | *For Half Louvered Door, Add* | *5.07* | |
| | | *For Full Louvered Door, Add* | *8.46* | |
| | | *For >5 To 10, Deduct* | *-2.95* | |
| | | *For >10 To 25, Deduct* | *-5.90* | |
| | | *For >25, Deduct* | *-8.85* | |
| 09 91 13 00-0270 | EA | 1 Coat Paint, Sprayed, Paint Exterior Wood Door<br>Note: Both faces | 58.99 | |
| | | *For Half Louvered Door, Add* | *5.07* | |
| | | *For Full Louvered Door, Add* | *8.46* | |
| | | *For >5 To 10, Deduct* | *-2.95* | |
| | | *For >10 To 25, Deduct* | *-5.90* | |
| | | *For >25, Deduct* | *-8.85* | |
| 09 91 13 00-0271 | EA | 2 Coats Paint, Sprayed, Paint Exterior Wood Door<br>Note: Both faces | 107.57 | |
| | | *For Half Louvered Door, Add* | *8.58* | |
| | | *For Full Louvered Door, Add* | *14.31* | |
| | | *For >5 To 10, Deduct* | *-5.38* | |
| | | *For >10 To 25, Deduct* | *-10.76* | |
| | | *For >25, Deduct* | *-16.14* | |
| 09 91 13 00-0272 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door | 1.78 | |
| 09 91 13 00-0273 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door | 1.85 | |
| 09 91 13 00-0274 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door | 3.80 | |
| 09 91 13 00-0275 | SF | 1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door | 1.99 | |
| 09 91 13 00-0276 | SF | 1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door | 2.07 | |
| 09 91 13 00-0277 | SF | 2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door | 4.01 | |

## 09 91 13 00-0278 Paint Exterior Metal Windows *(09 91 13 00-0232)*

Note: Two finish coats paint over rust inhibitive primer.

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0279 | EA | Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim | 64.43 | |
| | | *For Electrostatic Painting, Add* | *8.50* | |
| | | *For >5 To 10, Deduct* | *-3.22* | |
| | | *For >10 To 25, Deduct* | *-6.44* | |
| | | *For >25, Deduct* | *-9.66* | |
| 09 91 13 00-0280 | EA | >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim | 79.70 | |
| | | *For Electrostatic Painting, Add* | *11.14* | |
| | | *For >5 To 10, Deduct* | *-3.99* | |
| | | *For >10 To 25, Deduct* | *-7.97* | |
| | | *For >25, Deduct* | *-11.96* | |
| 09 91 13 00-0281 | EA | >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim | 108.11 | |
| | | *For Electrostatic Painting, Add* | *15.32* | |
| | | *For >5 To 10, Deduct* | *-5.41* | |
| | | *For >10 To 25, Deduct* | *-10.81* | |
| | | *For >25, Deduct* | *-16.22* | |
| 09 91 13 00-0282 | EA | >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim | 121.80 | |
| | | *For Electrostatic Painting, Add* | *17.27* | |
| | | *For >5 To 10, Deduct* | *-6.09* | |
| | | *For >10 To 25, Deduct* | *-12.18* | |
| | | *For >25, Deduct* | *-18.27* | |
| 09 91 13 00-0283 | EA | >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim | 134.96 | |
| | | *For Electrostatic Painting, Add* | *19.10* | |
| | | *For >5 To 10, Deduct* | *-6.75* | |
| | | *For >10 To 25, Deduct* | *-13.50* | |
| | | *For >25, Deduct* | *-20.24* | |
| 09 91 13 00-0284 | SF | >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim | 4.28 | |
| | | *For Electrostatic Painting, Add* | *0.61* | |

## 09 91 13 00-0285 Paint Exterior Wood Windows *(09 91 13 00-0232)*

Note: Two finish coats paint over primer.

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0286 | EA | Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim | 59.21 | |
| | | *For >5 To 10, Deduct* | *-2.96* | |
| | | *For >10 To 25, Deduct* | *-5.92* | |
| | | *For >25, Deduct* | *-8.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0287 | EA | >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim | 71.62 | |
| | | *For >5 To 10, Deduct* | *-3.58* | |
| | | *For >10 To 25, Deduct* | *-7.16* | |
| | | *For >25, Deduct* | *-10.74* | |
| 09 91 13 00-0288 | EA | >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim | 96.64 | |
| | | *For >5 To 10, Deduct* | *-4.83* | |
| | | *For >10 To 25, Deduct* | *-9.66* | |
| | | *For >25, Deduct* | *-14.50* | |
| 09 91 13 00-0289 | EA | >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim | 108.83 | |
| | | *For >5 To 10, Deduct* | *-5.44* | |
| | | *For >10 To 25, Deduct* | *-10.88* | |
| | | *For >25, Deduct* | *-16.32* | |
| 09 91 13 00-0290 | EA | >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim | 120.69 | |
| | | *For >5 To 10, Deduct* | *-6.03* | |
| | | *For >10 To 25, Deduct* | *-12.07* | |
| | | *For >25, Deduct* | *-18.10* | |
| 09 91 13 00-0291 | SF | >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim | 4.03 | |

## 09 91 13 00-0292 Paint Exterior Security Screens *(09 91 13 00-0232)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0293 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen | 1.09 | |
| | | *For Electrostatic Painting, Add* | *0.16* | |
| 09 91 13 00-0294 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen | 1.08 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| 09 91 13 00-0295 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen | 1.79 | |
| | | *For Electrostatic Painting, Add* | *0.24* | |

## 09 91 13 00-0296 Paint Exterior Window Guards *(09 91 13 00-0232)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0297 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards | 1.09 | |
| 09 91 13 00-0298 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards | 1.08 | |
| 09 91 13 00-0299 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards | 1.79 | |

## 09 91 13 00-0300 Paint Exterior Window Trim *(09 91 13 00-0232)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0301 | LF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim | 0.92 | |
| 09 91 13 00-0302 | LF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim | 0.92 | |
| 09 91 13 00-0303 | LF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim | 1.50 | |
| 09 91 13 00-0304 | LF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim | 1.20 | |
| 09 91 13 00-0305 | LF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim | 1.20 | |
| 09 91 13 00-0306 | LF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal WIndow Frame And Trim | 2.07 | |

## 09 91 13 00-0307 Paint Roofing And Trim *(09 91 13)*

## 09 91 13 00-0308 Paint Stain Or Seal Wood Roofing *(09 91 13 00-0307)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0309 | SF | 1 Coat, Brush/Roller Work, Stain And Seal Shingles/Shake | 1.35 | |
| | | *For Up To 100, Add* | *0.67* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 09 91 13 00-0310 | SF | 2 Coats, Brush/Roller Work, Stain And Seal Shingles/Shake | 2.48 | |
| | | *For Up To 100, Add* | *1.21* | |
| | | *For >100 To 250, Add* | *0.60* | |
| | | *For >250 To 500, Add* | *0.26* | |

## 09 91 13 00-0311 Paint Metal Roofing *(09 91 13 00-0307)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0312 | SF | 1 Coat Paint, Brush/Roller Work, Paint Metal Roofing | 0.70 | |
| | | *For Up To 100, Add* | *0.29* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| 09 91 13 00-0313 | SF | 2 Coats Paint, Brush/Roller Work, Paint Metal Roofing | 1.21 | |
| | | *For Up To 100, Add* | *0.52* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.12* | |

## 09 91 13 00-0314 Paint Fascia Board *(09 91 13 00-0307)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0315 | LF | 1 Coat Primer, Brush/Roller Work, Paint Fascia Board | 0.55 | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| 09 91 13 00-0316 | LF | 1 Coat Paint, Brush/Roller Work, Paint Fascia Board | 0.55 | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| 09 91 13 00-0317 | LF | 2 Coats Paint, Brush/Roller Work, Paint Fascia Board | 0.96 | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 09 91 13 00-0318 Paint Soffit *(09 91 13 00-0307)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0319 | SF | 1 Coat Primer, Brush/Roller Work, Paint Soffit | 0.66 | |
| | | *For Up To 100, Add* | *0.29* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.06* | |
| 09 91 13 00-0320 | SF | 1 Coat Paint, Brush/Roller Work, Paint Soffit | 0.66 | |
| | | *For Up To 100, Add* | *0.29* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.06* | |
| 09 91 13 00-0321 | SF | 2 Coats Paint, Brush/Roller Work, Paint Soffit | 1.13 | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |

### 09 91 13 00-0322 Paint Site Work *(09 91 13)*

Note: Tasks can be used for exterior or interior applications.

### 09 91 13 00-0323 Paint Structural Steel *(09 91 13 00-0322)*

### 09 91 13 00-0324 Paint Structural Steel, Brush Work *(09 91 13 00-0323)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0325 | SF | 1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel | 0.75 | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For Epoxy Paint, Add* | *0.10* | |
| 09 91 13 00-0326 | SF | 1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel | 0.66 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For Epoxy Paint, Add* | *0.09* | |

### 09 91 13 00-0327 Paint Structural Steel, Spray Work *(09 91 13 00-0323)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0328 | SF | 1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel | 0.59 | |
| | | *For Electrostatic Painting, Add* | *0.09* | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.09* | |
| 09 91 13 00-0329 | SF | 1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel | 0.51 | |
| | | *For Electrostatic Painting, Add* | *0.08* | |
| | | *For Up To 100, Add* | *0.26* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For Epoxy Paint, Add* | *0.09* | |

### 09 91 13 00-0330 Paint Metal Decking, Beams And Bar Joist *(09 91 13 00-0323)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0331 | SF | 1 Coat Primer, Sprayed, Paint Exposed Metal Decking | 0.67 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For Epoxy Paint, Add* | *0.09* | |
| 09 91 13 00-0332 | SF | 1 Coat Paint, Sprayed, Paint Exposed Metal Decking | 0.67 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For Epoxy Paint, Add* | *0.09* | |
| 09 91 13 00-0333 | SF | 2 Coats Paint, Sprayed, Paint Exposed Metal Decking | 1.14 | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For Epoxy Paint, Add* | *0.18* | |
| 09 91 13 00-0334 | SF | 1 Coat Primer, Brush/Roller Work, Paint Metal Bearms And Bar Joists | 0.98 | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For Epoxy Paint, Add* | *0.17* | |
| 09 91 13 00-0335 | SF | 1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists | 0.95 | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For Epoxy Paint, Add* | *0.15* | |
| 09 91 13 00-0336 | SF | 2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists | 1.80 | |
| | | *For Up To 100, Add* | *0.94* | |
| | | *For >100 To 250, Add* | *0.46* | |
| | | *For >250 To 500, Add* | *0.20* | |
| | | *For Epoxy Paint, Add* | *0.29* | |
| 09 91 13 00-0337 | SF | 1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists | 0.83 | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For Epoxy Paint, Add* | *0.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0338 | SF | 1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists | 0.83 | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| 09 91 13 00-0339 | SF | 2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists | 1.43 | |
| | | *For Up To 100, Add* | *0.72* | |
| | | *For >100 To 250, Add* | *0.36* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For Epoxy Paint, Add* | *0.25* | |

## 09 91 13 00-0340 Paint Steel Pipes *(09 91 13 00-0322)*

Note: Includes pipe, tubes, rails, conduit, etc.

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0341 | LF | 1 Coat Primer, Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter | 1.28 | |
| | | *For Electrostatic Painting, Add* | *0.17* | |
| | | *For Epoxy Paint, Add* | *0.15* | |
| 09 91 13 00-0342 | LF | 1 Coat Primer, Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter | 1.43 | |
| | | *For Electrostatic Painting, Add* | *0.20* | |
| | | *For Epoxy Paint, Add* | *0.18* | |
| 09 91 13 00-0343 | LF | 1 Coat Primer, Paint Steel Pipes 4" Diameter | 1.62 | |
| | | *For Electrostatic Painting, Add* | *0.22* | |
| | | *For Epoxy Paint, Add* | *0.20* | |
| 09 91 13 00-0344 | LF | 1 Coat Primer, Paint Steel Pipes 6" To 8" Diameter | 2.01 | |
| | | *For Electrostatic Painting, Add* | *0.27* | |
| | | *For Epoxy Paint, Add* | *0.24* | |
| 09 91 13 00-0345 | LF | 1 Coat Primer, Paint Steel Pipes 10" To 12" Diameter | 2.55 | |
| | | *For Electrostatic Painting, Add* | *0.35* | |
| | | *For Epoxy Paint, Add* | *0.31* | |
| 09 91 13 00-0346 | LF | 1 Coat, Paint Conduit, Steel Pipe 1/2"To 1-1/2" Diameter | 1.28 | |
| | | *For Electrostatic Painting, Add* | *0.17* | |
| | | *For Epoxy Paint, Add* | *0.15* | |
| 09 91 13 00-0347 | LF | 1 Coat, Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter | 1.43 | |
| | | *For Electrostatic Painting, Add* | *0.20* | |
| | | *For Epoxy Paint, Add* | *0.18* | |
| 09 91 13 00-0348 | LF | 1 Coat, Paint Steel Pipes 4" Diameter | 1.62 | |
| | | *For Electrostatic Painting, Add* | *0.22* | |
| | | *For Epoxy Paint, Add* | *0.20* | |
| 09 91 13 00-0349 | LF | 1 Coat, Paint Steel Pipes 6" To 8" Diameter | 2.01 | |
| | | *For Electrostatic Painting, Add* | *0.27* | |
| | | *For Epoxy Paint, Add* | *0.24* | |
| 09 91 13 00-0350 | LF | 1 Coat, Paint Steel Pipes 10" To 12" Diameter | 2.55 | |
| | | *For Electrostatic Painting, Add* | *0.35* | |
| | | *For Epoxy Paint, Add* | *0.31* | |
| 09 91 13 00-0351 | LF | 2 Coats, Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter | 2.64 | |
| | | *For Electrostatic Painting, Add* | *0.38* | |
| | | *For Epoxy Paint, Add* | *0.37* | |
| 09 91 13 00-0352 | LF | 2 Coats, Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter | 2.87 | |
| | | *For Electrostatic Painting, Add* | *0.39* | |
| | | *For Epoxy Paint, Add* | *0.35* | |
| 09 91 13 00-0353 | LF | 2 Coats, Paint Steel Pipes 4" Diameter | 3.11 | |
| | | *For Electrostatic Painting, Add* | *0.43* | |
| | | *For Epoxy Paint, Add* | *0.39* | |
| 09 91 13 00-0354 | LF | 2 Coats, Paint Steel Pipes 6" To 8" Diameter | 3.92 | |
| | | *For Electrostatic Painting, Add* | *0.54* | |
| | | *For Epoxy Paint, Add* | *0.48* | |
| 09 91 13 00-0355 | LF | 2 Coats, Paint Steel Pipes 10" To 12" Diameter | 4.83 | |
| | | *For Electrostatic Painting, Add* | *0.67* | |
| | | *For Epoxy Paint, Add* | *0.61* | |
| 09 91 13 00-0356 | EA | 1 Coat, Paint Exposed Single Or Double Gang, Outlet Box | 5.93 | |
| | | *For Electrostatic Painting, Add* | *0.64* | |
| | | *For Epoxy Paint, Add* | *0.39* | |

## 09 91 13 00-0357 Paint Fencing *(09 91 13 00-0322)*

Note: Per side of fence. Based on gross fence area (length of fence x height of fence).

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0358 | SF | 1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence | 0.64 | |
| | | *For Epoxy Paint, Add* | *0.08* | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| 09 91 13 00-0359 | SF | 2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence | 1.22 | |
| | | *For Epoxy Paint, Add* | *0.17* | |
| | | *For Up To 100, Add* | *0.71* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 09 91 13 00-0360 | SF | 1 Coat Paint, Sprayed, Paint Existing Chain Link Fence | 0.61 | |
| | | *For Epoxy Paint, Add* | *0.10* | |
| | | *For Electrostatic Painting, Add* | *0.09* | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0361 | SF | 2 Coats Paint, Sprayed, Paint Existing Chain Link Fence | 1.15 | |
| | | *For Epoxy Paint, Add* | *0.19* | |
| | | *For Electrostatic Painting, Add* | *0.18* | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| 09 91 13 00-0362 | SF | 1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence | 0.61 | |
| | | *For Epoxy Paint, Add* | *0.10* | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| 09 91 13 00-0363 | SF | 1 Coat, Brush/Roller, Paint Wrought Iron Fence | 0.56 | |
| | | *For Epoxy Paint, Add* | *0.08* | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| 09 91 13 00-0364 | SF | Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence | 0.41 | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Up To 100, Add* | *0.21* | |
| | | *For >100 To 250, Add* | *0.10* | |
| | | *For >250 To 500, Add* | *0.04* | |
| 09 91 13 00-0365 | SF | 1 Coat Primer, Brush/Roller, Paint Picket Fence | 0.70 | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 09 91 13 00-0366 | SF | 1 Coat, Brush/Roller, Paint Picket Fence | 0.70 | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 09 91 13 00-0367 | SF | Each Additional Coat, Brush/Roller, Paint Picket Fence | 0.50 | |
| | | *For Epoxy Paint, Add* | *0.05* | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| 09 91 13 00-0368 | SF | 1 Coat, Brush/Roller, Paint Wood Fences | 0.52 | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| 09 91 13 00-0369 | SF | 2 Coats, Brush/Roller, Paint Wood Fences | 0.95 | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| 09 91 13 00-0370 | SF | 1 Coat, Sprayed, Paint Wood Fences | 0.42 | |
| | | *For Up To 100, Add* | *0.24* | |
| | | *For >100 To 250, Add* | *0.11* | |
| | | *For >250 To 500, Add* | *0.05* | |
| 09 91 13 00-0371 | SF | 2 Coats, Sprayed, Paint Wood Fences | 0.80 | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |

## 09 91 13 00-0372 Paint Metal Louvers *(09 91 13 00-0322)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0373 | SF | 1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area | 1.00 | |
| | | *For Electrostatic Painting, Add* | *0.13* | |
| 09 91 13 00-0374 | SF | 1 Coat Alkyd, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area | 1.02 | |
| | | *For Electrostatic Painting, Add* | *0.13* | |
| 09 91 13 00-0375 | SF | 2 Coats Alkyd, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area | 2.11 | |
| | | *For Electrostatic Painting, Add* | *0.28* | |

## 09 91 13 00-0376 Paint Ladders *(09 91 13 00-0322)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0377 | LF | 1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders | 2.61 | |
| | | *For Epoxy Paint, Add* | *0.18* | |
| 09 91 13 00-0378 | LF | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Ladders | 2.92 | |
| | | *For Epoxy Paint, Add* | *0.19* | |
| 09 91 13 00-0379 | LF | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Ladders | 5.71 | |
| | | *For Epoxy Paint, Add* | *0.35* | |

## 09 91 13 00-0380 Paint Handrails *(09 91 13 00-0322)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0381 | LF | 1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket | 1.08 | |
| | | *For Epoxy Paint, Add* | *0.10* | |
| 09 91 13 00-0382 | LF | 1 Coat Alkyd Enamel, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket | 1.19 | |
| | | *For Epoxy Paint, Add* | *0.10* | |
| 09 91 13 00-0383 | LF | 2 Coats Alkyd Enamel, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket | 1.92 | |
| | | *For Epoxy Paint, Add* | *0.14* | |
| 09 91 13 00-0384 | LF | 1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets | 2.10 | |
| | | *For Epoxy Paint, Add* | *0.32* | |
| 09 91 13 00-0385 | LF | 1 Coat Alkyd Enamel, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets | 2.28 | |
| | | *For Epoxy Paint, Add* | *0.32* | |
| 09 91 13 00-0386 | LF | 2 Coats Alkyd Enamel, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets | 3.86 | |
| | | *For Epoxy Paint, Add* | *0.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0387 | LF | 1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets | 2.25 | |
| | | *For Epoxy Paint, Add* | *0.32* | |
| 09 91 13 00-0388 | LF | 1 Coat Alkyd Enamel, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets | 2.44 | |
| | | *For Epoxy Paint, Add* | *0.33* | |
| 09 91 13 00-0389 | LF | 2 Coats Alkyd Enamel, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets | 4.07 | |
| | | *For Epoxy Paint, Add* | *0.52* | |
| 09 91 13 00-0390 | LF | 1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades | 1.24 | |
| | | *For Epoxy Paint, Add* | *0.17* | |
| 09 91 13 00-0391 | LF | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Balustrades | 1.35 | |
| | | *For Epoxy Paint, Add* | *0.17* | |
| 09 91 13 00-0392 | LF | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Balustrades | 2.49 | |
| | | *For Epoxy Paint, Add* | *0.33* | |
| **09 91 13 00-0393** | | **Paint Grating** *(09 91 13 00-0322)* | | |
| 09 91 13 00-0394 | SF | 1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames | 1.92 | |
| | | *For Epoxy Paint, Add* | *0.14* | |
| 09 91 13 00-0395 | SF | 1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames | 1.97 | |
| | | *For Epoxy Paint, Add* | *0.16* | |
| 09 91 13 00-0396 | SF | 2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames | 2.99 | |
| | | *For Epoxy Paint, Add* | *0.27* | |
| **09 91 13 00-0397** | | **Other Site Work Painting** *(09 91 13 00-0322)* | | |
| **09 91 13 00-0398** | | **Paint Shutters Or Blinds, Solid Panel** *(09 91 13 00-0397)* | | |
| 09 91 13 00-0399 | SF | 1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel | 2.04 | |
| 09 91 13 00-0400 | SF | 1 Coat, Brush Work, Paint Shutter Or Blinds, Solid Panel | 2.04 | |
| 09 91 13 00-0401 | SF | 2 Coats, Brush Work, Paint Shutter Or Blinds, Solid Panel | 3.64 | |
| 09 91 13 00-0402 | SF | 1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel | 1.37 | |
| 09 91 13 00-0403 | SF | 1 Coat, Sprayed, Paint Shutter Or Blinds, Solid Panel | 1.38 | |
| 09 91 13 00-0404 | SF | 2 Coats, Sprayed, Paint Shutter Or Blinds, Solid Panel | 2.54 | |
| **09 91 13 00-0405** | | **Paint Shutters Or Blinds, Louvered Panel** *(09 91 13 00-0397)* | | |
| 09 91 13 00-0406 | SF | 1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel | 2.52 | |
| 09 91 13 00-0407 | SF | 1 Coat, Brush Work, Paint Shutter Or Blinds, Louvered Panel | 2.52 | |
| 09 91 13 00-0408 | SF | 2 Coats, Brush Work, Paint Shutter Or Blinds, Louvered Panel | 4.49 | |
| 09 91 13 00-0409 | SF | 1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel | 1.67 | |
| 09 91 13 00-0410 | SF | 1 Coat, Sprayed, Paint Shutter Or Blinds, Louvered Panel | 1.68 | |
| 09 91 13 00-0411 | SF | 2 Coats, Sprayed, Paint Shutter Or Blinds, Louvered Panel | 3.08 | |
| **09 91 13 00-0412** | | **Paint Flagpoles** *(09 91 13 00-0397)* | | |
| 09 91 13 00-0413 | EA | 1 Coat, Paint Steel Flagpole, 20' High | 193.19 | |
| 09 91 13 00-0414 | EA | 1 Coat, Paint Steel Flagpole, 30' High | 260.61 | |
| 09 91 13 00-0415 | EA | 1 Coat, Paint Steel Flagpole, 40' High | 328.08 | |
| 09 91 13 00-0416 | EA | 1 Coat, Paint Steel Flagpole, 50' High | 395.56 | |
| 09 91 13 00-0417 | EA | 1 Coat, Paint Steel Flagpole, 70' High | 528.21 | |
| 09 91 13 00-0418 | EA | 1 Coat, Paint Steel Flagpole, 80' High | 595.40 | |
| 09 91 13 00-0419 | EA | 1 Coat, Paint Steel Flagpole, 90' High | 662.58 | |
| **09 91 13 00-0420** | | **Paint Lattice Or Trellis** *(09 91 13 00-0397)* | | |
| 09 91 13 00-0421 | SF | 1 Coat, Sprayed, Per Side, Paint Wood Lattice Or Trellis | 1.07 | |
| | | *For Up To 100, Add* | *0.72* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 09 91 13 00-0422 | SF | 2 Coats, Sprayed, Per Side, Paint Wood Lattice Or Trellis | 1.99 | |
| | | *For Up To 100, Add* | *1.33* | |
| | | *For >100 To 250, Add* | *0.63* | |
| | | *For >250 To 500, Add* | *0.27* | |
| **09 91 13 00-0423** | | **Paint Exterior Stairs** *(09 91 13)* | | |
| **09 91 13 00-0424** | | **Paint Exterior Concrete Stairs** *(09 91 13 00-0423)* | | |
| 09 91 13 00-0425 | RSR | 1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) | 11.19 | |
| 09 91 13 00-0426 | RSR | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) | 11.19 | |
| 09 91 13 00-0427 | RSR | 1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) | 16.52 | |
| 09 91 13 00-0428 | RSR | 1 Coat Non Slip Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) | 31.71 | |
| 09 91 13 00-0429 | RSR | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) | 22.38 | |
| **09 91 13 00-0430** | | **Paint Exterior Metal Stairs** *(09 91 13 00-0423)* | | |
| 09 91 13 00-0431 | RSR | 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide) | 6.11 | |
| | | *For Oil Based Paint, Add* | *0.34* | |
| 09 91 13 00-0432 | RSR | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide) | 6.11 | |
| | | *For Oil Based Paint, Add* | *0.34* | |
| 09 91 13 00-0433 | RSR | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide) | 12.22 | |
| | | *For Oil Based Paint, Add* | *0.69* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **09 91 13 00-0434** | | **Paint Exterior Wood Stairs** *(09 91 13 00-0423)* | | |
| 09 91 13 00-0435 | RSR | 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide) | 5.83 | |
| 09 91 13 00-0436 | RSR | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide) | 5.82 | |
| 09 91 13 00-0437 | RSR | 1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide) | 11.15 | |
| 09 91 13 00-0438 | RSR | 1 Coat Non Slip Epoxy Coating, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide) | 26.34 | |
| 09 91 13 00-0439 | RSR | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide) | 11.65 | |
| **09 91 13 00-0440** | | **Paint Exterior Stair Nosing** *(09 91 13 00-0423)* | | |
| 09 91 13 00-0441 | LF | 1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip | 1.16 | |
| **09 91 13 00-0442** | | **Paint Exterior Trim** *(09 91 13)* | | |
| **09 91 13 00-0443** | | **Paint Exterior Metal Trim And Gutters** *(09 91 13 00-0442)* | | |
| 09 91 13 00-0444 | SF | 1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim | 0.83 | |
| 09 91 13 00-0445 | SF | 1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim | 0.90 | |
| 09 91 13 00-0446 | SF | 2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim | 1.63 | |
| 09 91 13 00-0447 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim | 0.76 | |
| 09 91 13 00-0448 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim | 0.82 | |
| 09 91 13 00-0449 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim | 1.47 | |
| 09 91 13 00-0450 | LF | 1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout | 1.28 | |
| 09 91 13 00-0451 | LF | 2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout | 1.54 | |
| **09 91 13 00-0452** | | **Paint Exterior Wood Trim** *(09 91 13 00-0442)* | | |
| 09 91 13 00-0453 | SF | 1 Coat Primer, Brush Work, Paint Exterior Wood Trim | 1.17 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.51* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.73* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 13 00-0454 | SF | 1 Coat Paint, Brush Work, Paint Exterior Wood Trim | 1.27 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.40* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.55* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.79* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.25* | |
| 09 91 13 00-0455 | SF | 2 Coats Paint, Brush Work, Paint Exterior Wood Trim | 2.32 | |
| | | *For Oil Based Paint, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.71* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.98* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.42* | |
| | | *For >100 To 250, Add* | *0.68* | |
| | | *For >250 To 500, Add* | *0.29* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.12* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.23* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.35* | |
| | | *For >20,000, Deduct* | *-0.46* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0456 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim | 0.93 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.19* | |
| 09 91 13 00-0457 | SF | 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim | 1.05 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.21* | |
| 09 91 13 00-0458 | SF | 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim | 1.95 | |
| | | *For Oil Based Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.78* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.14* | |
| | | *For >100 To 250, Add* | *0.55* | |
| | | *For >250 To 500, Add* | *0.24* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.20* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.29* | |
| | | *For >20,000, Deduct* | *-0.39* | |
| 09 91 13 00-0459 | SF | 1 Coat Primer, Sprayed, Paint Exterior Wood Trim | 0.79 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 13 00-0460 | SF | 1 Coat Paint, Sprayed, Paint Exterior Wood Trim | 0.89 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 13 00-0461 | SF | 2 Coats Paint, Sprayed, Paint Exterior Wood Trim | 1.66 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.59* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.89* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.33* | |

### 09 91 13 00-0462 Paint Exterior Miscellaneous Metal Surfaces *(09 91 13)*

| | | | | |
|---|---|---|---|---|
| 09 91 13 00-0463 | SF | 1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces | 1.02 | |
| | | *For Epoxy Paint, Add* | *0.14* | |
| | | *For Electrostatic Painting, Add* | *0.15* | |
| 09 91 13 00-0464 | SF | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces | 0.91 | |
| | | *For Epoxy Paint, Add* | *0.11* | |
| | | *For Electrostatic Painting, Add* | *0.12* | |
| 09 91 13 00-0465 | SF | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces | 1.85 | |
| | | *For Epoxy Paint, Add* | *0.22* | |
| | | *For Electrostatic Painting, Add* | *0.25* | |

## 09 91 23 Interior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

### 09 91 23 00-0001 Paint Interior Walls *(09 91 23)*

### 09 91 23 00-0002 Paint Interior Brick Walls *(09 91 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0003 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls | 0.15 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.09* | |
| | | *For >100 To 250, Add* | *0.05* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 23 00-0004 | SF | 1 Coat Filler, Brush Work, Paint Interior Brick Walls | 0.77 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0005 | SF | 1 Coat Paint, Brush Work, Paint Interior Brick Walls | 0.89 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0006 | SF | 2 Coat Paint, Brush Work, Paint Interior Brick Walls | 1.59 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.48* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.67* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.96* | |
| | | *For >100 To 250, Add* | *0.46* | |
| | | *For >250 To 500, Add* | *0.20* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.24* | |
| | | *For >20,000, Deduct* | *-0.32* | |
| 09 91 23 00-0007 | SF | 1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls | 0.63 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0008 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls | 0.79 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0009 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls | 1.37 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.77* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.27* | |
| 09 91 23 00-0010 | SF | 1 Coat Filler, Sprayed, Paint Interior Brick Walls | 0.58 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0011 | SF | 1 Coat Paint, Sprayed, Paint Interior Brick Walls | 0.65 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0012 | SF | 2 Coats Paint, Sprayed, Paint Interior Brick Walls | 1.12 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| 09 91 23 00-0013 | SF | 1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls | 0.80 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0014 | SF | 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls | 0.66 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0015 | SF | 1 Coat Bonding Agent, Sprayed, Paint Interior Brick Walls | 0.61 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |

09 91 23 00-0016 Paint Interior Concrete Walls *(09 91 23 00-0001)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0017 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls | 0.12 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.08* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |
| 09 91 23 00-0018 | SF | 1 Coat Filler, Brush Work, Paint Interior Concrete Walls | 0.65 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0019 | SF | 1 Coat Paint, Brush Work, Paint Interior Concrete Walls | 0.70 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0020 | SF | 2 Coats Paint, Brush Work, Paint Interior Concrete Walls | 1.32 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.61* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.86* | |
| | | *For >100 To 250, Add* | *0.41* | |
| | | *For >250 To 500, Add* | *0.18* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.26* | |
| 09 91 23 00-0021 | SF | 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls | 0.53 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0022 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls | 0.60 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0023 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls | 1.10 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.48* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| 09 91 23 00-0024 | SF | 1 Coat Filler, Sprayed, Paint Interior Concrete Walls | 0.47 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.26* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| 09 91 23 00-0025 | SF | 1 Coat Paint, Sprayed, Paint Interior Concrete Walls | 0.52 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |

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| MINOR CSI UOM DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|
| 09 91 23 00-0026 SF 2 Coats Paint, Sprayed, Paint Interior Concrete Walls | 0.86 | |
| *For Oil Based Paint, Add* | *0.06* | |
| *For Epoxy Paint, Add* | *0.12* | |
| *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| *Note: Applied only to work area above 15' to 20'.* | | |
| *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| *Note: Applied only to work area above 20' to 30'.* | | |
| *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| *Note: Applied only to work area above 30' to 40'.* | | |
| *For Work >40' Above Floor, Add* | *0.32* | |
| *Note: Applied only to work area above 40'.* | | |
| *For Up To 100, Add* | *0.48* | |
| *For >100 To 250, Add* | *0.23* | |
| *For >250 To 500, Add* | *0.10* | |
| *For >2,500 To 5,000, Deduct* | *-0.04* | |
| *For >5,000 To 10,000, Deduct* | *-0.09* | |
| *For >10,000 To 20,000, Deduct* | *-0.13* | |
| *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0027 SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls | 0.68 | |
| *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| *Note: Applied only to work area above 15' to 20'.* | | |
| *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| *Note: Applied only to work area above 20' to 30'.* | | |
| *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| *Note: Applied only to work area above 30' to 40'.* | | |
| *For Work >40' Above Floor, Add* | *0.29* | |
| *Note: Applied only to work area above 40'.* | | |
| *For Up To 100, Add* | *0.41* | |
| *For >100 To 250, Add* | *0.20* | |
| *For >250 To 500, Add* | *0.09* | |
| *For >2,500 To 5,000, Deduct* | *-0.03* | |
| *For >5,000 To 10,000, Deduct* | *-0.07* | |
| *For >10,000 To 20,000, Deduct* | *-0.10* | |
| *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0028 SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls | 0.56 | |
| *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| *Note: Applied only to work area above 15' to 20'.* | | |
| *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| *Note: Applied only to work area above 20' to 30'.* | | |
| *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| *Note: Applied only to work area above 30' to 40'.* | | |
| *For Work >40' Above Floor, Add* | *0.22* | |
| *Note: Applied only to work area above 40'.* | | |
| *For Up To 100, Add* | *0.32* | |
| *For >100 To 250, Add* | *0.16* | |
| *For >250 To 500, Add* | *0.07* | |
| *For >2,500 To 5,000, Deduct* | *-0.03* | |
| *For >5,000 To 10,000, Deduct* | *-0.06* | |
| *For >10,000 To 20,000, Deduct* | *-0.08* | |
| *For >20,000, Deduct* | *-0.11* | |
| 09 91 23 00-0029 SF 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls | 0.50 | |
| *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| *Note: Applied only to work area above 15' to 20'.* | | |
| *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| *Note: Applied only to work area above 20' to 30'.* | | |
| *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| *Note: Applied only to work area above 30' to 40'.* | | |
| *For Work >40' Above Floor, Add* | *0.17* | |
| *Note: Applied only to work area above 40'.* | | |
| *For Up To 100, Add* | *0.26* | |
| *For >100 To 250, Add* | *0.13* | |
| *For >250 To 500, Add* | *0.06* | |
| *For >2,500 To 5,000, Deduct* | *-0.03* | |
| *For >5,000 To 10,000, Deduct* | *-0.05* | |
| *For >10,000 To 20,000, Deduct* | *-0.08* | |
| *For >20,000, Deduct* | *-0.10* | |
| 09 91 23 00-0030 Paint Interior Concrete Block Walls *(09 91 23 00-0001)* | | |
| 09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0030)* | | |
| 09 91 23 00-0032 LF 1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls | 0.37 | |
| *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| *Note: Applied only to work area above 15' to 20'.* | | |
| *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| *Note: Applied only to work area above 20' to 30'.* | | |
| *For Work >30' To 40' Above Floor, Add* | *0.05* | |
| *Note: Applied only to work area above 30' to 40'.* | | |
| *For Work >40' Above Floor, Add* | *0.07* | |
| *Note: Applied only to work area above 40'.* | | |
| *For Up To 100, Add* | *0.13* | |
| *For >100 To 250, Add* | *0.07* | |
| *For >250 To 500, Add* | *0.03* | |
| *For >2,500 To 5,000, Deduct* | *-0.02* | |
| *For >5,000 To 10,000, Deduct* | *-0.04* | |
| *For >10,000 To 20,000, Deduct* | *-0.06* | |
| *For >20,000, Deduct* | *-0.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0033 | SF | 1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls | 0.91 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 23 00-0034 | SF | 1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls | 1.05 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.21* | |
| 09 91 23 00-0035 | SF | 2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls | 1.89 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.78* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.13* | |
| | | *For >100 To 250, Add* | *0.54* | |
| | | *For >250 To 500, Add* | *0.24* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.28* | |
| | | *For >20,000, Deduct* | *-0.38* | |
| 09 91 23 00-0036 | SF | 1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls | 0.75 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.42* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0037 | SF | 1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls | 0.83 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0038 | SF | 2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls | 1.57 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.89* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.24* | |
| | | *For >20,000, Deduct* | *-0.31* | |
| 09 91 23 00-0039 | SF | 1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls | 0.66 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0040 | SF | 1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls | 0.78 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0041 | SF | 2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls | 1.43 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.70* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.29* | |

## 09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0030)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0043 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls | 0.17 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.10* | |
| | | *For >100 To 250, Add* | *0.05* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.03* | |
| | | *For >20,000, Deduct* | *-0.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0044 | SF | 1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls | 0.83 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0045 | SF | 1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls | 1.01 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 23 00-0046 | SF | 2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls | 1.82 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.76* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.11* | |
| | | *For >100 To 250, Add* | *0.53* | |
| | | *For >250 To 500, Add* | *0.23* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.36* | |
| 09 91 23 00-0047 | SF | Texture Coat, Brush Work, Paint Interior Concrete Block Walls | 1.11 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.48* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| 09 91 23 00-0048 | SF | 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls | 0.71 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0049 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls | 0.85 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0050 | SF | 2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls | 1.53 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.61* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.89* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.23* | |
| | | *For >20,000, Deduct* | *-0.31* | |
| 09 91 23 00-0051 | SF | Texture Coat, Brush/Roller Work, Paint Interior Concrete Block Walls | 0.95 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.19* | |
| 09 91 23 00-0052 | SF | 1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls | 0.66 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.36* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0053 | SF | 1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls | 0.75 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.40* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0054 | SF | 2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls | 1.07 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.41* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.21* | |
| 09 91 23 00-0055 | SF | Texture Coat, Sprayed, Paint Interior Concrete Block Walls | 0.87 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |

### 09 91 23 00-0056 Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0030)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0057 | SF | 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls | 0.86 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0058 | SF | 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls | 0.74 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0059 | SF | 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls | 0.69 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |

### 09 91 23 00-0060 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0061 | | Paint Interior Plaster/Drywall Walls *(09 91 23 00-0060)* | | |
| 09 91 23 00-0062 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls | 0.12 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.08* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |
| 09 91 23 00-0063 | SF | 1 Coat Primer, Brush Work, Paint Iinterior Plaster/Drywall Walls | 0.68 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.09* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0064 | SF | 1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls | 0.72 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.10* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Each Coat With Egg Shell Finish, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.47* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0065 | SF | 2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls | 1.31 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Orange Peel Finish, Add* | *0.18* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Each Coat With Egg Shell Finish, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.85* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.26* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0066 | SF | 3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls | 1.87 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Orange Peel Finish, Add* | *0.26* | |
| | | *For Epoxy Paint, Add* | *0.19* | |
| | | *For Each Coat With Egg Shell Finish, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.62* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.85* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.21* | |
| | | *For >100 To 250, Add* | *0.57* | |
| | | *For >250 To 500, Add* | *0.25* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.28* | |
| | | *For >20,000, Deduct* | *-0.37* | |
| 09 91 23 00-0067 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls | 0.54 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Orange Peel Finish, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 23 00-0068 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls | 0.61 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.08* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Each Coat With Egg Shell Finish, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.39* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0069 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls | 1.10 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Orange Peel Finish, Add* | *0.15* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Each Coat With Egg Shell Finish, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0070 | SF | 1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls | 0.46 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| 09 91 23 00-0071 | SF | 1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls | 0.52 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Each Coat With Egg Shell Finish, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 23 00-0072 | SF | 2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls | 0.86 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Each Coat With Egg Shell Finish, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |

## 09 91 23 00-0073 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0060)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0074 | SF | 2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls | 1.50 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.23* | |
| | | *For >20,000, Deduct* | *-0.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0075 | SF | 3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls | 1.63 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.66* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.24* | |
| | | *For >20,000, Deduct* | *-0.33* | |
| 09 91 23 00-0076 | SF | 4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls | 1.77 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.35* | |

## 09 91 23 00-0077 Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0060)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0078 | SF | 1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls | 0.60 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0079 | SF | 1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls | 0.71 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.40* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0080 | SF | 2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls | 1.12 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.58* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0081 | SF | Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls | 1.02 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.51* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.71* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |

09 91 23 00-0082 Paint Interior Metal Walls *(09 91 23 00-0001)*

09 91 23 00-0083 Paint Interior Galvanized Walls *(09 91 23 00-0082)*

Note: Linseed oil or acrylic latex paint.

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0084 | SF | 1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces | 0.91 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 23 00-0085 | SF | 1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces | 0.99 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 23 00-0086 | SF | 2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces | 1.82 | |
| | | *For Electrostatic Painting, Add* | *0.27* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.48* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.67* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.00* | |
| | | *For >100 To 250, Add* | *0.48* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.36* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0087 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls | 0.69 | |
| | | *For Electrostatic Painting, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0088 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall | 0.78 | |
| | | *For Electrostatic Painting, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0089 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls | 1.48 | |
| | | *For Electrostatic Painting, Add* | *0.23* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.53* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 250, Add* | *0.39* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.22* | |
| | | *For >20,000, Deduct* | *-0.30* | |
| 09 91 23 00-0090 | SF | 1 Coat Primer, Sprayed, Paint Interior Galvanized Walls | 0.62 | |
| | | *For Electrostatic Painting, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.26* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0091 | SF | 1 Coat Paint, Sprayed, Paint Interior Galvanized Walls | 0.79 | |
| | | *For Electrostatic Painting, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0092 | SF | 2 Coats Paint, Sprayed, Paint Interior Galvanized Walls | 1.35 | |
| | | *For Electrostatic Painting, Add* | *0.24* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.59* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.27* | |

## 09 91 23 00-0093 Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23 00-0082)*

Note: Alkyd enamel paint.

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0094 | SF | 1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces | 0.91 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 23 00-0095 | SF | 1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces | 0.99 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 23 00-0096 | SF | 2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces | 1.81 | |
| | | *For Electrostatic Painting, Add* | *0.27* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.48* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.67* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.00* | |
| | | *For >100 To 250, Add* | *0.48* | |
| | | *For >250 To 500, Add* | *0.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.36* | |
| 09 91 23 00-0097 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls | 0.78 | |
| | | *For Electrostatic Painting, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0098 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls | 0.87 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0099 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls | 1.66 | |
| | | *For Electrostatic Painting, Add* | *0.27* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.53* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.83* | |
| | | *For >100 To 250, Add* | *0.41* | |
| | | *For >250 To 500, Add* | *0.18* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.33* | |
| 09 91 23 00-0100 | SF | 1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls | 0.68 | |
| | | *For Electrostatic Painting, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.30* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0101 | SF | 1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls | 0.79 | |
| | | *For Electrostatic Painting, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0102 | SF | 2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls | 1.35 | |
| | | *For Electrostatic Painting, Add* | *0.24* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.59* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.27* | |

09 91 23 00-0103 Paint Interior Corrugated Metal Walls *(09 91 23 00-0082)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0104 | SF | 1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls | 0.76 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.33* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0105 | SF | 1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls | 0.98 | |
| | | *For Electrostatic Painting, Add* | *0.16* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 23 00-0106 | SF | 2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls | 1.66 | |
| | | *For Electrostatic Painting, Add* | *0.29* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.77* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.33* | |

## 09 91 23 00-0107 Paint Interior Stucco Walls *(09 91 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0108 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces | 0.20 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.13* | |
| | | *For >100 To 250, Add* | *0.06* | |
| | | *For >250 To 500, Add* | *0.03* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.03* | |
| | | *For >20,000, Deduct* | *-0.04* | |
| 09 91 23 00-0109 | SF | 1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces | 1.11 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.74* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.17* | |
| | | *For >20,000, Deduct* | *-0.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0110 | SF | 1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces | 1.23 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.42* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.57* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.81* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.25* | |
| 09 91 23 00-0111 | SF | 2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces | 2.18 | |
| | | *For Oil Based Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.72* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.99* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.41* | |
| | | *For >100 To 250, Add* | *0.67* | |
| | | *For >250 To 500, Add* | *0.29* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.22* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.33* | |
| | | *For >20,000, Deduct* | *-0.44* | |
| 09 91 23 00-0112 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces | 0.84 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0113 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces | 0.97 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.61* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.19* | |
| 09 91 23 00-0114 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces | 1.77 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.76* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.10* | |
| | | *For >100 To 250, Add* | *0.52* | |
| | | *For >250 To 500, Add* | *0.23* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.35* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0115 | SF | 1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces | 0.64 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0116 | SF | 1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces | 0.78 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0117 | SF | 2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces | 1.52 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.88* | |
| | | *For >100 To 250, Add* | *0.42* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.23* | |
| | | *For >20,000, Deduct* | *-0.30* | |

09 91 23 00-0118 Paint Interior Wood Walls *(09 91 23 00-0001)*

09 91 23 00-0119 Interior Wood Walls *(09 91 23 00-0118)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0120 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces | 0.14 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.09* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0121 | SF | 1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces | 0.83 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0122 | SF | 2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces | 1.54 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.51* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.70* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.99* | |
| | | *For >100 To 250, Add* | *0.47* | |
| | | *For >250 To 500, Add* | *0.20* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.23* | |
| | | *For >20,000, Deduct* | *-0.31* | |
| 09 91 23 00-0123 | SF | 3 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces | 2.19 | |
| | | *For Oil Based Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.72* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.98* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.40* | |
| | | *For >100 To 250, Add* | *0.67* | |
| | | *For >250 To 500, Add* | *0.29* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.22* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.33* | |
| | | *For >20,000, Deduct* | *-0.44* | |
| 09 91 23 00-0124 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls | 0.60 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0125 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls | 0.68 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0126 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls | 1.21 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.75* | |
| | | *For >100 To 250, Add* | *0.36* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.24* | |
| 09 91 23 00-0127 | SF | 1 Coat Primer, Sprayed, Paint Interior Wood Walls | 0.46 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| 09 91 23 00-0128 | SF | 1 Coat Paint, Sprayed, Paint Interior Wood Walls | 0.58 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0129 | SF | 2 Coats Paint, Sprayed, Paint Interior Wood Walls | 1.07 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.21* | |

09 91 23 00-0130 Paint Interior Ceilings *(09 91 23)*

09 91 23 00-0131 Paint Interior Acoustical Ceilings *(09 91 23 00-0130)*
Note: Includes grid.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0132 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling | 0.23 | |
| | | *For Oil Based Paint, Add* | *0.02* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.11* | |
| | | *For >100 To 250, Add* | *0.05* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.03* | |
| | | *For >20,000, Deduct* | *-0.05* | |
| 09 91 23 00-0133 | SF | 1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling | 0.74 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0134 | SF | 1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling | 0.80 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0135 | SF | 2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling | 1.43 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.48* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.67* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.94* | |
| | | *For >100 To 250, Add* | *0.45* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.29* | |
| 09 91 23 00-0136 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling | 0.64 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.40* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0137 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling | 0.63 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0138 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling | 1.17 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.75* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 23 00-0139 | SF | 1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling | 0.59 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0140 | SF | 1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling | 0.57 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 23 00-0141 | SF | 2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling | 0.92 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |

09 91 23 00-0142 Paint Interior Concrete Ceilings *(09 91 23 00-0130)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0143 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling | 0.13 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.09* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 23 00-0144 | SF | 1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling | 0.73 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.33* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.47* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0145 | SF | 1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling | 0.80 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0146 | SF | 2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling | 1.43 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Epoxy Paint, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.48* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.67* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.94* | |
| | | *For >100 To 250, Add* | *0.45* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.29* | |
| 09 91 23 00-0147 | SF | 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling | 0.57 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0148 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling | 0.63 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0149 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling | 1.18 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.53* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.75* | |
| | | *For >100 To 250, Add* | *0.36* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.24* | |
| 09 91 23 00-0150 | SF | 1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling | 0.55 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.08* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 23 00-0151 | SF | 1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling | 0.57 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.11* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0152 | SF | 2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling | 0.92 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 23 00-0153 | SF | 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling | 0.76 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.33* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.47* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0154 | SF | 1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling | 0.60 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0155 | SF | 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling | 0.58 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.32* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |

## 09 91 23 00-0156 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0130)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0157 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling | 0.13 | |
| | | *For Epoxy Paint, Add* | *0.01* | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.09* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0158 | SF | 1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling | 0.74 | |
| | | *For Epoxy Paint, Add* | *0.08* | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0159 | SF | 1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling | 0.80 | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Orange Peel Finish, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0160 | SF | 2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling | 1.43 | |
| | | *For Epoxy Paint, Add* | *0.14* | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Orange Peel Finish, Add* | *0.20* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.48* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.67* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.94* | |
| | | *For >100 To 250, Add* | *0.45* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.29* | |
| 09 91 23 00-0161 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling | 0.64 | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.40* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0162 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling | 0.63 | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Orange Peel Finish, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0163 | SF | 2 Coats Paints, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling | 1.17 | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Orange Peel Finish, Add* | *0.16* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.52* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.75* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 23 00-0164 | SF | 1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling | 0.59 | |
| | | *For Epoxy Paint, Add* | *0.08* | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0165 | SF | 1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling | 0.57 | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0166 | SF | 2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling | 0.92 | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |

09 91 23 00-0167 Paint Interior Metal Ceilings *(09 91 23 00-0130)*

09 91 23 00-0168 Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0167)*

Note: Linseed oil or acrylic latex paint.

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0169 | SF | 1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling | 0.99 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 23 00-0170 | SF | 1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling | 1.09 | |
| | | *For Electrostatic Painting, Add* | *0.15* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| 09 91 23 00-0171 | SF | 2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling | 1.99 | |
| | | *For Electrostatic Painting, Add* | *0.29* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.76* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.13* | |
| | | *For >100 To 250, Add* | *0.55* | |
| | | *For >250 To 500, Add* | *0.24* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.20* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.30* | |
| | | *For >20,000, Deduct* | *-0.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0172 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling | 0.77 | |
| | | *For Electrostatic Painting, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0173 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling | 0.86 | |
| | | *For Electrostatic Painting, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0174 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling | 1.59 | |
| | | *For Electrostatic Painting, Add* | *0.23* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.60* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.89* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.24* | |
| | | *For >20,000, Deduct* | *-0.32* | |
| 09 91 23 00-0175 | SF | 1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling | 0.79 | |
| | | *For Electrostatic Painting, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0176 | SF | 1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling | 0.89 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0177 | SF | 2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling | 1.46 | |
| | | *For Electrostatic Painting, Add* | *0.25* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.42* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.22* | |
| | | *For >20,000, Deduct* | *-0.29* | |

## 09 91 23 00-0178 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0167)*

Note: Alkyd enamel paint.

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0179 | SF | 1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling | 0.99 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 23 00-0180 | SF | 1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling | 1.09 | |
| | | *For Electrostatic Painting, Add* | *0.15* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.22* | |
| 09 91 23 00-0181 | SF | 2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling | 1.99 | |
| | | *For Electrostatic Painting, Add* | *0.29* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.76* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.13* | |
| | | *For >100 To 250, Add* | *0.55* | |
| | | *For >250 To 500, Add* | *0.24* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.20* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.30* | |
| | | *For >20,000, Deduct* | *-0.40* | |
| 09 91 23 00-0182 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling | 0.87 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0183 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling | 0.96 | |
| | | *For Electrostatic Painting, Add* | *0.15* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.19* | |
| 09 91 23 00-0184 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling | 1.82 | |
| | | *For Electrostatic Painting, Add* | *0.29* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.62* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.95* | |
| | | *For >100 To 250, Add* | *0.46* | |
| | | *For >250 To 500, Add* | *0.20* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.36* | |
| 09 91 23 00-0185 | SF | 1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling | 0.79 | |
| | | *For Electrostatic Painting, Add* | *0.13* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0186 | SF | 1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling | 0.89 | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 23 00-0187 | SF | 2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling | 1.46 | |
| | | *For Electrostatic Painting, Add* | *0.25* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.42* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.22* | |
| | | *For >20,000, Deduct* | *-0.29* | |

09 91 23 00-0188 Paint Interior Ceiling Tile Grid *(09 91 23 00-0167)*
Note: Grid only.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0189 | LF | 1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid | 0.20 | |
| | | *For Electrostatic Painting, Add* | *0.03* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.04* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.13* | |
| | | *For >100 To 250, Add* | *0.06* | |
| | | *For >250 To 500, Add* | *0.03* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.03* | |
| | | *For >20,000, Deduct* | *-0.04* | |
| 09 91 23 00-0190 | LF | 2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid | 0.42 | |
| | | *For Electrostatic Painting, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.26* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.04* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.06* | |
| | | *For >20,000, Deduct* | *-0.08* | |

## 09 91 23 00-0191 Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0167)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0192 | SF | 1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling | 1.04 | |
| | | *For Electrostatic Painting, Add* | *0.17* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.21* | |
| 09 91 23 00-0193 | SF | 1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling | 1.17 | |
| | | *For Electrostatic Painting, Add* | *0.19* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.23* | |
| 09 91 23 00-0194 | SF | 2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling | 1.94 | |
| | | *For Electrostatic Painting, Add* | *0.33* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.40* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.90* | |
| | | *For >100 To 250, Add* | *0.45* | |
| | | *For >250 To 500, Add* | *0.20* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.29* | |
| | | *For >20,000, Deduct* | *-0.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0195 | | Paint Interior Wood Ceilings *(09 91 23 00-0130)* | | |
| 09 91 23 00-0196 | | Paint Interior Smooth Wood Ceilings *(09 91 23 00-0195)* | | |
| 09 91 23 00-0197 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling | 0.16 | |
| | | *For Oil Based Paint, Add* | *0.01* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.02* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.03* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.10* | |
| | | *For >100 To 250, Add* | *0.05* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 23 00-0198 | SF | 1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling | 0.91 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.40* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 23 00-0199 | SF | 1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling | 0.95 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.19* | |
| 09 91 23 00-0200 | SF | 2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling | 1.71 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.76* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.09* | |
| | | *For >100 To 250, Add* | *0.52* | |
| | | *For >250 To 500, Add* | *0.22* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.26* | |
| | | *For >20,000, Deduct* | *-0.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0201 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling | 0.74 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.42* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0202 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling | 0.80 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0203 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling | 1.50 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.62* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.90* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.23* | |
| | | *For >20,000, Deduct* | *-0.30* | |
| 09 91 23 00-0204 | SF | 1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling | 0.60 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0205 | SF | 1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling | 0.70 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0206 | SF | 2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling | 1.08 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.19* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.42* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.16* | |
| | | *For >20,000, Deduct* | *-0.22* | |

## 09 91 23 00-0207 Paint Interior Wood Beams *(09 91 23 00-0130)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0208 | SF | 1 Coat Primer, Brush Work, Paint Interior Wood Beams | 1.01 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.33* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 23 00-0209 | SF | 1 Coat Paint, Brush Work, Paint Interior Wood Beams | 1.02 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.67* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.15* | |
| | | *For >20,000, Deduct* | *-0.20* | |
| 09 91 23 00-0210 | SF | 2 Coats Paint, Brush Work, Paint Interior Wood Beams | 1.86 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.62* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.85* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *1.20* | |
| | | *For >100 To 250, Add* | *0.57* | |
| | | *For >250 To 500, Add* | *0.25* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.28* | |
| | | *For >20,000, Deduct* | *-0.37* | |
| 09 91 23 00-0211 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams | 0.81 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0212 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams | 0.80 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0213 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams | 1.50 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.45* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.62* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.90* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.23* | |
| | | *For >20,000, Deduct* | *-0.30* | |
| 09 91 23 00-0214 | SF | 1 Coat Primer, Sprayed, Paint Interior Wood Beams | 0.70 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0215 | SF | 1 Coat Paint, Sprayed, Paint Interior Wood Beams | 0.70 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |
| 09 91 23 00-0216 | SF | 2 Coats Paint, Sprayed, Paint Interior Wood Beams | 1.17 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.47* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.18* | |
| | | *For >20,000, Deduct* | *-0.23* | |

09 91 23 00-0217 Paint Interior Floors And Decks *(09 91 23)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0218 | | Paint Interior Concrete Floors And Decks *(09 91 23 00-0217)* | | |
| 09 91 23 00-0219 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks | 0.10 | |
| | | *For Up To 100, Add* | *0.06* | |
| | | *For >100 To 250, Add* | *0.03* | |
| | | *For >250 To 500, Add* | *0.01* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.02* | |
| 09 91 23 00-0220 | SF | 1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks | 0.57 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 23 00-0221 | SF | 1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks | 0.63 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0222 | SF | 2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks | 1.24 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Epoxy Paint, Add* | *0.13* | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.16* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.25* | |
| 09 91 23 00-0223 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks | 0.56 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Up To 100, Add* | *0.34* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 23 00-0224 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks | 0.55 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 91 23 00-0225 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks | 0.89 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Epoxy Paint, Add* | *0.11* | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 23 00-0226 | SF | 1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks | 0.46 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.07* | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0227 | SF | 1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks | 0.46 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Epoxy Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.09* | |
| 09 91 23 00-0228 | SF | 2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks | 0.81 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Epoxy Paint, Add* | *0.12* | |
| | | *For Up To 100, Add* | *0.45* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.16* | |
| 09 91 23 00-0229 | SF | 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks | 0.60 | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0230 | SF | 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks | 0.59 | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0231 | SF | 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks | 0.49 | |
| | | *For Up To 100, Add* | *0.25* | |
| | | *For >100 To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.05* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 23 00-0232 | SF | 1 Coat Non Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks | 1.91 | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.29* | |
| | | *For >20,000, Deduct* | *-0.38* | |
| 09 91 23 00-0233 | SF | 1 Coat Non Slip Epoxy Coating, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251) | 5.71 | |
| | | *For Up To 100, Add* | *1.17* | |
| | | *For >100 To 250, Add* | *0.70* | |
| | | *For >250 To 500, Add* | *0.34* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.29* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.57* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.86* | |
| | | *For >20,000, Deduct* | *-1.14* | |

## 09 91 23 00-0234 Paint Interior Wood Floors And Decks *(09 91 23 00-0217)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0235 | LF | 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks | 0.13 | |
| | | *For Up To 100, Add* | *0.08* | |
| | | *For >100 To 250, Add* | *0.04* | |
| | | *For >250 To 500, Add* | *0.02* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* | |
| | | *For >20,000, Deduct* | *-0.03* | |
| 09 91 23 00-0236 | SF | 1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks | 0.71 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Up To 100, Add* | *0.42* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0237 | SF | 1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks | 0.77 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.12* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0238 | SF | 2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks | 1.44 | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| | | *For Up To 100, Add* | *0.89* | |
| | | *For >100 To 250, Add* | *0.42* | |
| | | *For >250 To 500, Add* | *0.18* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.22* | |
| | | *For >20,000, Deduct* | *-0.29* | |
| 09 91 23 00-0239 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks | 0.59 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0240 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks | 0.63 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Up To 100, Add* | *0.36* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0241 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks | 1.24 | |
| | | *For Oil Based Paint, Add* | *0.08* | |
| | | *For Up To 100, Add* | *0.70* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.12* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.25* | |
| 09 91 23 00-0242 | SF | 1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks | 0.49 | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.07* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 91 23 00-0243 | SF | 1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks | 0.60 | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |
| 09 91 23 00-0244 | SF | 2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks | 0.87 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Up To 100, Add* | *0.46* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.17* | |
| 09 91 23 00-0245 | SF | 1 Coat Non Slip Paint, Brush Work, Paint Interior Wood Floors And Decks | 1.91 | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.29* | |
| | | *For >20,000, Deduct* | *-0.38* | |
| 09 91 23 00-0246 | SF | 1 Coat Non Slip Epoxy Coating, Brush Work, Paint Interior Wood Floors And Decks | 5.71 | |
| | | *For Up To 100, Add* | *1.17* | |
| | | *For >100 To 250, Add* | *0.70* | |
| | | *For >250 To 500, Add* | *0.34* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.29* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.57* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.86* | |
| | | *For >20,000, Deduct* | *-1.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0247 | | Paint Interior Doors And Windows *(09 91 23)* | | |
| 09 91 23 00-0248 | | Paint Interior Door Frames *(09 91 23 00-0247)* | | |
| 09 91 23 00-0249 | LF | 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim | 0.84 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.22* | |
| 09 91 23 00-0250 | LF | 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim | 1.09 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.29* | |
| 09 91 23 00-0251 | LF | 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trime | 1.84 | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.48* | |
| 09 91 23 00-0252 | LF | 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim | 0.89 | |
| | | *For Oil Based Paint, Add* | *0.05* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.24* | |
| 09 91 23 00-0253 | LF | 1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim | 1.14 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.31* | |
| 09 91 23 00-0254 | LF | 2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim | 1.91 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.51* | |
| 09 91 23 00-0255 | | Paint Interior Metal Doors *(09 91 23 00-0247)* | | |
| 09 91 23 00-0256 | EA | 1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door | 45.77 | |
| | | *For Electrostatic Painting, Add* | *7.67* | |
| | | *For Half Louvered Door, Add* | *3.77* | |
| | | *For Full Louvered Door, Add* | *6.29* | |
| | | *For Oil Based Paint, Add* | *3.32* | |
| | | *For >5 To 10, Deduct* | *-2.29* | |
| | | *For >10 To 25, Deduct* | *-4.58* | |
| | | *For >25, Deduct* | *-6.87* | |
| 09 91 23 00-0257 | EA | 1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door | 45.77 | |
| | | *For Electrostatic Painting, Add* | *7.67* | |
| | | *For Half Louvered Door, Add* | *3.77* | |
| | | *For Full Louvered Door, Add* | *6.29* | |
| | | *For Oil Based Paint, Add* | *3.32* | |
| | | *For >5 To 10, Deduct* | *-2.29* | |
| | | *For >10 To 25, Deduct* | *-4.58* | |
| | | *For >25, Deduct* | *-6.87* | |
| 09 91 23 00-0258 | EA | 2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door | 83.44 | |
| | | *For Electrostatic Painting, Add* | *14.49* | |
| | | *For Half Louvered Door, Add* | *6.37* | |
| | | *For Full Louvered Door, Add* | *10.62* | |
| | | *For Oil Based Paint, Add* | *6.22* | |
| | | *For >5 To 10, Deduct* | *-4.17* | |
| | | *For >10 To 25, Deduct* | *-8.34* | |
| | | *For >25, Deduct* | *-12.52* | |
| 09 91 23 00-0259 | EA | 1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door | 82.13 | |
| | | *For Electrostatic Painting, Add* | *13.77* | |
| | | *For Half Louvered Door, Add* | *6.77* | |
| | | *For Full Louvered Door, Add* | *11.28* | |
| | | *For Oil Based Paint, Add* | *5.96* | |
| | | *For >5 To 10, Deduct* | *-4.11* | |
| | | *For >10 To 25, Deduct* | *-8.21* | |
| | | *For >25, Deduct* | *-12.32* | |
| 09 91 23 00-0260 | EA | 1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door | 82.14 | |
| | | *For Electrostatic Painting, Add* | *13.77* | |
| | | *For Half Louvered Door, Add* | *6.77* | |
| | | *For Full Louvered Door, Add* | *11.28* | |
| | | *For Oil Based Paint, Add* | *5.96* | |
| | | *For >5 To 10, Deduct* | *-4.11* | |
| | | *For >10 To 25, Deduct* | *-8.21* | |
| | | *For >25, Deduct* | *-12.32* | |
| 09 91 23 00-0261 | EA | 2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door | 150.38 | |
| | | *For Electrostatic Painting, Add* | *26.15* | |
| | | *For Half Louvered Door, Add* | *11.45* | |
| | | *For Full Louvered Door, Add* | *19.08* | |
| | | *For Oil Based Paint, Add* | *11.22* | |
| | | *For >5 To 10, Deduct* | *-7.52* | |
| | | *For >10 To 25, Deduct* | *-15.04* | |
| | | *For >25, Deduct* | *-22.56* | |
| 09 91 23 00-0262 | EA | 1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door | 41.53 | |
| | | *For Electrostatic Painting, Add* | *7.55* | |
| | | *For Half Louvered Door, Add* | *2.83* | |
| | | *For Full Louvered Door, Add* | *4.72* | |
| | | *For Oil Based Paint, Add* | *3.21* | |
| | | *For >5 To 10, Deduct* | *-2.08* | |
| | | *For >10 To 25, Deduct* | *-4.15* | |
| | | *For >25, Deduct* | *-6.23* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0263 | EA | 1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door | 41.53 | |
| | | *For Electrostatic Painting, Add* | *7.55* | |
| | | *For Half Louvered Door, Add* | *2.83* | |
| | | *For Full Louvered Door, Add* | *4.72* | |
| | | *For Oil Based Paint, Add* | *3.21* | |
| | | *For >5 To 10, Deduct* | *-2.08* | |
| | | *For >10 To 25, Deduct* | *-4.15* | |
| | | *For >25, Deduct* | *-6.23* | |
| 09 91 23 00-0264 | EA | 2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door | 76.90 | |
| | | *For Electrostatic Painting, Add* | *14.45* | |
| | | *For Half Louvered Door, Add* | *4.78* | |
| | | *For Full Louvered Door, Add* | *7.96* | |
| | | *For Oil Based Paint, Add* | *6.10* | |
| | | *For >5 To 10, Deduct* | *-3.85* | |
| | | *For >10 To 25, Deduct* | *-7.69* | |
| | | *For >25, Deduct* | *-11.54* | |
| 09 91 23 00-0265 | EA | 1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door | 74.55 | |
| | | *For Electrostatic Painting, Add* | *13.56* | |
| | | *For Half Louvered Door, Add* | *5.07* | |
| | | *For Full Louvered Door, Add* | *8.46* | |
| | | *For Oil Based Paint, Add* | *5.76* | |
| | | *For >5 To 10, Deduct* | *-3.73* | |
| | | *For >10 To 25, Deduct* | *-7.46* | |
| | | *For >25, Deduct* | *-11.18* | |
| 09 91 23 00-0266 | EA | 1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door | 74.55 | |
| | | *For Electrostatic Painting, Add* | *13.56* | |
| | | *For Half Louvered Door, Add* | *5.07* | |
| | | *For Full Louvered Door, Add* | *8.46* | |
| | | *For Oil Based Paint, Add* | *5.76* | |
| | | *For >5 To 10, Deduct* | *-3.73* | |
| | | *For >10 To 25, Deduct* | *-7.46* | |
| | | *For >25, Deduct* | *-11.18* | |
| 09 91 23 00-0267 | EA | 2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door | 138.70 | |
| | | *For Electrostatic Painting, Add* | *26.09* | |
| | | *For Half Louvered Door, Add* | *8.58* | |
| | | *For Full Louvered Door, Add* | *14.31* | |
| | | *For Oil Based Paint, Add* | *11.01* | |
| | | *For >5 To 10, Deduct* | *-6.94* | |
| | | *For >10 To 25, Deduct* | *-13.87* | |
| | | *For >25, Deduct* | *-20.81* | |

## 09 91 23 00-0268 Paint Interior Wood Doors *(09 91 23 00-0247)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0269 | EA | 1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door | 37.89 | |
| | | *For Oil Based Paint, Add* | *2.53* | |
| | | *For Half Louvered Door, Add* | *3.77* | |
| | | *For Full Louvered Door, Add* | *6.29* | |
| | | *For >5 To 10, Deduct* | *-1.89* | |
| | | *For >10 To 25, Deduct* | *-3.79* | |
| | | *For >25, Deduct* | *-5.68* | |
| 09 91 23 00-0270 | EA | 1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door | 37.89 | |
| | | *For Oil Based Paint, Add* | *2.53* | |
| | | *For Half Louvered Door, Add* | *3.77* | |
| | | *For Full Louvered Door, Add* | *6.29* | |
| | | *For >5 To 10, Deduct* | *-1.89* | |
| | | *For >10 To 25, Deduct* | *-3.79* | |
| | | *For >25, Deduct* | *-5.68* | |
| 09 91 23 00-0271 | EA | 2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door | 67.80 | |
| | | *For Oil Based Paint, Add* | *4.66* | |
| | | *For Half Louvered Door, Add* | *6.38* | |
| | | *For Full Louvered Door, Add* | *10.63* | |
| | | *For >5 To 10, Deduct* | *-3.39* | |
| | | *For >10 To 25, Deduct* | *-6.78* | |
| | | *For >25, Deduct* | *-10.17* | |
| 09 91 23 00-0272 | EA | 1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door | 67.99 | |
| | | *For Oil Based Paint, Add* | *4.54* | |
| | | *For Half Louvered Door, Add* | *6.77* | |
| | | *For Full Louvered Door, Add* | *11.28* | |
| | | *For >5 To 10, Deduct* | *-3.40* | |
| | | *For >10 To 25, Deduct* | *-6.80* | |
| | | *For >25, Deduct* | *-10.20* | |
| 09 91 23 00-0273 | EA | 1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door | 67.99 | |
| | | *For Oil Based Paint, Add* | *4.54* | |
| | | *For Half Louvered Door, Add* | *6.77* | |
| | | *For Full Louvered Door, Add* | *11.28* | |
| | | *For >5 To 10, Deduct* | *-3.40* | |
| | | *For >10 To 25, Deduct* | *-6.80* | |
| | | *For >25, Deduct* | *-10.20* | |
| 09 91 23 00-0274 | EA | 2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door | 122.08 | |
| | | *For Oil Based Paint, Add* | *8.39* | |
| | | *For Half Louvered Door, Add* | *11.45* | |
| | | *For Full Louvered Door, Add* | *19.08* | |
| | | *For >5 To 10, Deduct* | *-6.10* | |
| | | *For >10 To 25, Deduct* | *-12.21* | |
| | | *For >25, Deduct* | *-18.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0275 | EA | 1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door | 32.87 | |
| | | *For Oil Based Paint, Add* | *2.34* | |
| | | *For Half Louvered Door, Add* | *2.83* | |
| | | *For Full Louvered Door, Add* | *4.72* | |
| | | *For >5 To 10, Deduct* | *-1.64* | |
| | | *For >10 To 25, Deduct* | *-3.29* | |
| | | *For >25, Deduct* | *-4.93* | |
| 09 91 23 00-0276 | EA | 1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door | 32.87 | |
| | | *For Oil Based Paint, Add* | *2.34* | |
| | | *For Half Louvered Door, Add* | *2.83* | |
| | | *For Full Louvered Door, Add* | *4.72* | |
| | | *For >5 To 10, Deduct* | *-1.64* | |
| | | *For >10 To 25, Deduct* | *-3.29* | |
| | | *For >25, Deduct* | *-4.93* | |
| 09 91 23 00-0277 | EA | 2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door | 59.71 | |
| | | *For Oil Based Paint, Add* | *4.38* | |
| | | *For Half Louvered Door, Add* | *4.78* | |
| | | *For Full Louvered Door, Add* | *7.97* | |
| | | *For >5 To 10, Deduct* | *-2.99* | |
| | | *For >10 To 25, Deduct* | *-5.97* | |
| | | *For >25, Deduct* | *-8.96* | |
| 09 91 23 00-0278 | EA | 1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door | 58.99 | |
| | | *For Oil Based Paint, Add* | *4.21* | |
| | | *For Half Louvered Door, Add* | *5.07* | |
| | | *For Full Louvered Door, Add* | *8.46* | |
| | | *For >5 To 10, Deduct* | *-2.95* | |
| | | *For >10 To 25, Deduct* | *-5.90* | |
| | | *For >25, Deduct* | *-8.85* | |
| 09 91 23 00-0279 | EA | 1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door | 58.99 | |
| | | *For Oil Based Paint, Add* | *4.21* | |
| | | *For Half Louvered Door, Add* | *5.07* | |
| | | *For Full Louvered Door, Add* | *8.46* | |
| | | *For >5 To 10, Deduct* | *-2.95* | |
| | | *For >10 To 25, Deduct* | *-5.90* | |
| | | *For >25, Deduct* | *-8.85* | |
| 09 91 23 00-0280 | EA | 2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door | 107.57 | |
| | | *For Oil Based Paint, Add* | *7.90* | |
| | | *For Half Louvered Door, Add* | *8.58* | |
| | | *For Full Louvered Door, Add* | *14.31* | |
| | | *For >5 To 10, Deduct* | *-5.38* | |
| | | *For >10 To 25, Deduct* | *-10.76* | |
| | | *For >25, Deduct* | *-16.14* | |

## 09 91 23 00-0281 Paint Interior Metal Windows *(09 91 23 00-0247)*

Note: Two finish coats paint over rust inhibitive primer.

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0282 | EA | Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work | 70.08 | |
| | | *For Oil Based Paint, Add* | *4.19* | |
| | | *For Electrostatic Painting, Add* | *9.06* | |
| | | *For >5 To 10, Deduct* | *-3.50* | |
| | | *For >10 To 25, Deduct* | *-7.01* | |
| | | *For >25, Deduct* | *-10.51* | |
| 09 91 23 00-0283 | EA | >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work | 86.21 | |
| | | *For Oil Based Paint, Add* | *5.37* | |
| | | *For Electrostatic Painting, Add* | *11.79* | |
| | | *For >5 To 10, Deduct* | *-4.31* | |
| | | *For >10 To 25, Deduct* | *-8.62* | |
| | | *For >25, Deduct* | *-12.93* | |
| 09 91 23 00-0284 | EA | >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work | 116.79 | |
| | | *For Oil Based Paint, Add* | *7.34* | |
| | | *For Electrostatic Painting, Add* | *16.18* | |
| | | *For >5 To 10, Deduct* | *-5.84* | |
| | | *For >10 To 25, Deduct* | *-11.68* | |
| | | *For >25, Deduct* | *-17.52* | |
| 09 91 23 00-0285 | EA | >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work | 131.57 | |
| | | *For Oil Based Paint, Add* | *8.28* | |
| | | *For Electrostatic Painting, Add* | *18.25* | |
| | | *For >5 To 10, Deduct* | *-6.58* | |
| | | *For >10 To 25, Deduct* | *-13.16* | |
| | | *For >25, Deduct* | *-19.74* | |
| 09 91 23 00-0286 | EA | >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work | 145.79 | |
| | | *For Oil Based Paint, Add* | *9.16* | |
| | | *For Electrostatic Painting, Add* | *20.18* | |
| | | *For >5 To 10, Deduct* | *-7.29* | |
| | | *For >10 To 25, Deduct* | *-14.58* | |
| | | *For >25, Deduct* | *-21.87* | |
| 09 91 23 00-0287 | SF | >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work | 4.63 | |
| | | *For Oil Based Paint, Add* | *0.29* | |
| | | *For Electrostatic Painting, Add* | *0.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **09 91 23 00-0288** | | **Paint Interior Wood Windows** *(09 91 23 00-0247)* Note: Two finish coats paint over primer. | | |
| 09 91 23 00-0289 | EA | Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work | 64.86 | |
| | | *For Oil Based Paint, Add* | *3.67* | |
| | | *For >5 To 10, Deduct* | *-3.24* | |
| | | *For >10 To 25, Deduct* | *-6.49* | |
| | | *For >25, Deduct* | *-9.73* | |
| 09 91 23 00-0290 | EA | >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work | 78.13 | |
| | | *For Oil Based Paint, Add* | *4.56* | |
| | | *For >5 To 10, Deduct* | *-3.91* | |
| | | *For >10 To 25, Deduct* | *-7.81* | |
| | | *For >25, Deduct* | *-11.72* | |
| 09 91 23 00-0291 | EA | >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work | 104.93 | |
| | | *For Oil Based Paint, Add* | *6.17* | |
| | | *For >5 To 10, Deduct* | *-5.25* | |
| | | *For >10 To 25, Deduct* | *-10.49* | |
| | | *For >25, Deduct* | *-15.74* | |
| 09 91 23 00-0292 | EA | >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work | 118.16 | |
| | | *For Oil Based Paint, Add* | *6.96* | |
| | | *For >5 To 10, Deduct* | *-5.91* | |
| | | *For >10 To 25, Deduct* | *-11.82* | |
| | | *For >25, Deduct* | *-17.72* | |
| 09 91 23 00-0293 | EA | >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work | 131.52 | |
| | | *For Oil Based Paint, Add* | *7.73* | |
| | | *For >5 To 10, Deduct* | *-6.58* | |
| | | *For >10 To 25, Deduct* | *-13.15* | |
| | | *For >25, Deduct* | *-19.73* | |
| 09 91 23 00-0294 | SF | >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work. | 4.39 | |
| | | *For Oil Based Paint, Add* | *0.26* | |
| **09 91 23 00-0295** | | **Paint Interior Security Screens** *(09 91 23 00-0247)* | | |
| 09 91 23 00-0296 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen | 1.09 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Electrostatic Painting, Add* | *0.16* | |
| 09 91 23 00-0297 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen | 1.08 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| | | *For Electrostatic Painting, Add* | *0.14* | |
| 09 91 23 00-0298 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen | 1.79 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| | | *For Electrostatic Painting, Add* | *0.24* | |
| **09 91 23 00-0299** | | **Paint Interior Window Guards** *(09 91 23 00-0247)* | | |
| 09 91 23 00-0300 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards | 1.09 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| 09 91 23 00-0301 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards | 1.08 | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| 09 91 23 00-0302 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards | 1.79 | |
| | | *For Oil Based Paint, Add* | *0.11* | |
| **09 91 23 00-0303** | | **Paint Interior Window Trim** *(09 91 23 00-0247)* | | |
| 09 91 23 00-0304 | LF | 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim | 1.00 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.29* | |
| 09 91 23 00-0305 | LF | 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim | 1.00 | |
| | | *For Oil Based Paint, Add* | *0.06* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.29* | |
| 09 91 23 00-0306 | LF | 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim | 2.16 | |
| | | *For Oil Based Paint, Add* | *0.13* | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.61* | |
| 09 91 23 00-0307 | LF | 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work. | 1.22 | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.37* | |
| 09 91 23 00-0308 | LF | 1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work. | 1.22 | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.37* | |
| 09 91 23 00-0309 | LF | 2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work. | 2.59 | |
| | | *For Painting One Face Of Frame Only, Deduct* | *-0.78* | |
| **09 91 23 00-0310** | | **Paint Interior Cabinets And Casework** *(09 91 23)* | | |
| **09 91 23 00-0311** | | **Paint Interior Wood Cabinets And Casework** *(09 91 23 00-0310)* | | |
| 09 91 23 00-0312 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework | 0.93 | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0313 | SF | 1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework | 1.28 | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.13* | |
| | | *For >20,000, Deduct* | *-0.19* | |
| 09 91 23 00-0314 | SF | 1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework | 2.12 | |
| | | *For >5,000 To 10,000, Deduct* | *-0.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.32* | |

## 09 91 23 00-0315 Paint Exposed Metal Lockers *(09 91 23 00-0310)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0316 | SF | 1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker | 1.02 | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0317 | SF | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exposed Metal Locker | 0.99 | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0318 | SF | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exposed Metal Locker | 1.85 | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.19* | |
| | | *For >20,000, Deduct* | *-0.28* | |

## 09 91 23 00-0319 Paint Interior Stairs *(09 91 23)*

## 09 91 23 00-0320 Paint Interior Concrete Stairs *(09 91 23 00-0319)*

Note: Includes the riser and tread.

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0321 | RSR | 1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) | 12.38 | |
| 09 91 23 00-0322 | RSR | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) | 12.38 | |
| 09 91 23 00-0323 | RSR | 1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) Note: Excludes riser. | 11.76 | |
| 09 91 23 00-0324 | RSR | 1 Coat Non Slip Epoxy Coating, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) Note: Excludes riser. | 26.95 | |
| 09 91 23 00-0325 | RSR | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) | 24.77 | |

## 09 91 23 00-0326 Paint Interior Metal Stairs *(09 91 23 00-0319)*

Note: Includes the riser and tread.

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0327 | RSR | 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide) | 6.96 | |
| 09 91 23 00-0328 | RSR | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide) | 6.71 | |
| 09 91 23 00-0329 | RSR | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide) | 13.41 | |

## 09 91 23 00-0330 Paint Interior Wood Stairs *(09 91 23 00-0319)*

Note: Includes the riser and tread.

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0331 | RSR | 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) | 6.43 | |
| 09 91 23 00-0332 | RSR | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) | 6.42 | |
| 09 91 23 00-0333 | RSR | 1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) Note: Excludes riser. | 8.77 | |
| 09 91 23 00-0334 | RSR | 1 Coat Non Slip Epoxy Coating, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) Note: Excludes riser. | 23.96 | |
| 09 91 23 00-0335 | RSR | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) | 12.84 | |

## 09 91 23 00-0336 Paint Interior Stair Nosing *(09 91 23 00-0319)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0337 | LF | 1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Interior Yellow Stair Safety Strip | 1.16 | |

## 09 91 23 00-0338 Paint Interior Trim *(09 91 23)*

## 09 91 23 00-0339 Paint Interior Metal Trim *(09 91 23 00-0338)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0340 | SF | 1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim | 0.90 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0341 | SF | 1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim | 0.98 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 40'.* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0342 | SF | 2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim | 1.76 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.34* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.55* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.75* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0343 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim | 0.76 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0344 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim | 0.83 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.16* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0345 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim | 1.49 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.44* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.61* | |
| | | *Note: Applied only to work area above 40'.* | | |

## 09 91 23 00-0346 Paint Interior Wood Trim *(09 91 23 00-0338)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0347 | LF | 1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide | 0.58 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.29* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.03* | |
| 09 91 23 00-0348 | LF | 1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide | 0.64 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.04* | |
| 09 91 23 00-0349 | LF | 2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide | 1.32 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.49* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.68* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.07* | |
| 09 91 23 00-0350 | SF | 1 Coat Primer, Brush Work, Paint Interior Wood Trim | 1.78 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.39* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.62* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.85* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| 09 91 23 00-0351 | SF | 1 Coat Paint, Brush Work, Paint Interior Wood Trim | 1.98 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.43* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.68* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.94* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0352 | SF | 2 Coats Paint, Brush Work, Paint Interior Wood Trim | 3.61 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.46* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.77* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *1.23* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *1.69* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.21* | |
| 09 91 23 00-0353 | SF | 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim | 1.47 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.31* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.49* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.68* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.09* | |
| 09 91 23 00-0354 | SF | 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim | 1.65 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.35* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.55* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.76* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.10* | |
| 09 91 23 00-0355 | SF | 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim | 2.97 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.36* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.61* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.97* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *1.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Oil Based Paint, Add* | *0.18* | |
| **09 91 23 00-0356** | | **Paint Additives** *(09 91 23)* | | |
| 09 91 23 00-0357 | SF | Mildewcide/Mold Killing Paint Additive Per Each Coat | 0.03 | |
| 09 91 23 00-0358 | SF | Class "B" Fire Rating, Fire Resistant Paint Additive | 0.07 | |
| | | *For Class "A" Fire Rating, Add* | *0.07* | |
| **09 91 23 00-0359** | | **Hand Painting Letters/Numbers** *(09 91 23)* | | |
| | | Note: Painting on walls, floors, poles, signs, etc. | | |
| 09 91 23 00-0360 | EA | Up To 1" High, Hand Paint, Per Letter/Number | 1.79 | |
| 09 91 23 00-0361 | EA | 1" To 2" High, Hand Paint, Per Letter/Number | 2.09 | |
| 09 91 23 00-0362 | EA | 2" To 3" High, Hand Paint, Per Letter/Number | 3.15 | |
| 09 91 23 00-0363 | EA | 3" To 4" High, Hand Paint, Per Letter/Number | 3.84 | |
| 09 91 23 00-0364 | EA | 4" To 6" High, Hand Paint, Per Letter/Number | 5.30 | |
| 09 91 23 00-0365 | EA | 6" To 12" High, Hand Paint, Per Letter/Number | 6.72 | |
| 09 91 23 00-0366 | EA | Over 12" High, Hand Paint, Per Letter/Number | 7.87 | |
| **09 91 23 00-0367** | | **Glove/Mitt Application** *(09 91 23)* | | |
| **09 91 23 00-0368** | | **Conduit/Pipe** *(09 91 23 00-0367)* | | |
| 09 91 23 00-0369 | CSF | Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt | 33.77 | |
| | | *For Work >15' To 20' Above Floor, Add* | *4.68* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *7.81* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *12.49* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *17.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0370 | CSF | Metal Primer Conduit Or Pipe With Glove/Mitt | 57.95 | |
| | | *For Work >15' To 20' Above Floor, Add* | *5.62* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *9.37* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *14.99* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *20.61* | |
| | | *Note: Applied only to work area above 40'.* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0371 | CSF | Enamel, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt | 45.93 | |
| | | *For Work >15' To 20' Above Floor, Add* | *4.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *6.87* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *10.99* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *15.11* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0372 | CSF | Enamel, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt | 37.90 | |
| | | *For Work >15' To 20' Above Floor, Add* | *3.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *5.16* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *8.25* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *11.34* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0373 | CSF | Epoxy Coating, First Coat Conduit Or Pipe With Glove/Mitt | 72.89 | |
| | | *For Work >15' To 20' Above Floor, Add* | *4.68* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *7.81* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *12.49* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *17.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0374 | CSF | Epoxy Coating, Second Coat Conduit Or Pipe With Glove/Mitt | 67.42 | |
| | | *For Work >15' To 20' Above Floor, Add* | *4.12* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *6.87* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *10.99* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *15.11* | |
| | | *Note: Applied only to work area above 40'.* | | |

### 09 91 23 00-0375 Ductwork *(09 91 23 00-0367)*

| | | | | |
|---|---|---|---|---|
| 09 91 23 00-0376 | CSF | Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt | 33.77 | |
| | | *For Work >15' To 20' Above Floor, Add* | *4.68* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *7.81* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *12.49* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *17.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0377 | CSF | Metal Primer Ductwork With Glove/Mitt | 57.99 | |
| | | *For Work >15' To 20' Above Floor, Add* | *4.68* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *7.81* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *12.49* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *17.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0378 | CSF | Enamel, Oil Base Paint Ductwork With Glove/Mitt | 41.73 | |
| | | *For Work >15' To 20' Above Floor, Add* | *3.75* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *6.25* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *9.99* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *13.74* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0379 | CSF | Epoxy Coating, First Coat Ductwork With Glove/Mitt | 69.90 | |
| | | *For Work >15' To 20' Above Floor, Add* | *4.68* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *7.81* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *12.49* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *17.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| 09 91 23 00-0380 | CSF | Epoxy Coating, Second Coat Ductwork With Glove/Mitt | 61.23 | |
| | | *For Work >15' To 20' Above Floor, Add* | *3.75* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *6.25* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *9.99* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *13.74* | |
| | | *Note: Applied only to work area above 40'.* | | |

### 09 91 23 00-0381 Paint Interior Miscellaneous Metal Surfaces *(09 91 23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0382 | SF | 1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces | 0.66 | |
| | | *For Electrostatic Painting, Add* | *0.10* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.12* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.25* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 91 23 00-0383 | SF | 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces | 0.75 | |
| | | *For Electrostatic Painting, Add* | *0.11* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.14* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.22* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.30* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |
| 09 91 23 00-0384 | SF | 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces | 1.32 | |
| | | *For Electrostatic Painting, Add* | *0.18* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.41* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.56* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.81* | |
| | | *For >100 To 250, Add* | *0.39* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.13* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.20* | |
| | | *For >20,000, Deduct* | *-0.26* | |
| 09 91 23 00-0385 | SF | 1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces | 0.90 | |
| | | *For Electrostatic Painting, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |
| 09 91 23 00-0386 | SF | 1 Coat Alkyd, Sprayed, Paint Interior Miscellaneous Metal Surfaces | 0.90 | |
| | | *For Electrostatic Painting, Add* | *0.12* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.27* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.37* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.05* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.09* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.14* | |
| | | *For >20,000, Deduct* | *-0.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 23 00-0387 | SF | 2 Coats Alkyd, Sprayed, Paint Interior Miscellaneous Metal Surfaces | 1.37 | |
| | | *For Electrostatic Painting, Add* | *0.19* | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.26* | |
| | | *Note: Applied only to work area above 20' to 30'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.41* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.57* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.82* | |
| | | *For >100 To 250, Add* | *0.39* | |
| | | *For >250 To 500, Add* | *0.17* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.14* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.21* | |
| | | *For >20,000, Deduct* | *-0.27* | |

## 09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

### 09 91 33 00-0001 Primer *(09 91 33)*

| | | | |
|---|---|---|---|
| 09 91 33 00-0002 | GAL | Alkyd Primer/Sealer, Interior, 500 SF Per Gallon | 50.97 |
| 09 91 33 00-0003 | GAL | Alkyd Wood Primer, Exterior, 400 SF Per Gallon | 30.89 |
| 09 91 33 00-0004 | GAL | Prime Coat Oil Wood Primer, 310 SF Per Gallon | 39.17 |
| 09 91 33 00-0005 | GAL | Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon | 116.64 |
| 09 91 33 00-0006 | EA | Cement Base Primer, 25 LB Sack | 32.30 |
| 09 91 33 00-0007 | GAL | Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon | 49.80 |
| 09 91 33 00-0008 | GAL | Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon | 39.98 |
| 09 91 33 00-0009 | GAL | Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon | 30.89 |
| 09 91 33 00-0010 | GAL | Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon | 28.06 |
| 09 91 33 00-0011 | GAL | Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon | 49.47 |
| 09 91 33 00-0012 | GAL | Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon | 41.19 |
| 09 91 33 00-0013 | GAL | Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon | 41.19 |
| 09 91 33 00-0014 | GAL | Latex Wood Primer, Exterior, 300 SF Per Gallon | 46.44 |
| 09 91 33 00-0015 | GAL | Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon | 30.29 |
| 09 91 33 00-0016 | GAL | Red Alkyd Primer, 500 SF Per Gallon | 87.24 |
| 09 91 33 00-0017 | GAL | Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon | 32.30 |
| 09 91 33 00-0018 | GAL | Zinc Chromate Primer, 300 SF Per Gallon | 25.84 |
| 09 91 33 00-0019 | GAL | Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon | 66.83 |
| 09 91 33 00-0020 | GAL | Stain Killer, Alcohol Base | 41.67 |
| 09 91 33 00-0021 | GAL | Sealer, Primer Kilz, 400 SF Per Gallon | 47.02 |

### 09 91 33 00-0022 Paint *(09 91 33)*

| | | | |
|---|---|---|---|
| 09 91 33 00-0023 | GAL | Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon | 22.61 |
| 09 91 33 00-0024 | GAL | Acrylic Urethane Sealer | 112.12 |
| 09 91 33 00-0025 | GAL | Asphalt-Fiber Roof And Foundation Coating, Solvent Type<br>Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal. | 12.11 |
| 09 91 33 00-0026 | GAL | Concrete Enamel Epoxy, 350 SF Per Gallon | 70.06 |
| 09 91 33 00-0027 | GAL | Concrete Acrylic Sealer, 400 SF Per Gallon | 36.75 |
| 09 91 33 00-0028 | GAL | Tar Emulsion, Driveway Coating, 120 SF Per Gallon | 12.11 |
| 09 91 33 00-0029 | GAL | Acrylic Latex, Driveway Coating, 250 SF Per Gallon | 18.37 |
| 09 91 33 00-0030 | GAL | Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon | 37.15 |
| 09 91 33 00-0031 | GAL | Exterior, Oil Base, Gloss, 400 SF Per Gallon | 49.47 |
| 09 91 33 00-0032 | GAL | Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon | 40.38 |
| 09 91 33 00-0033 | GAL | Exterior, Flat, Oil Base | 37.02 |
| 09 91 33 00-0034 | GAL | Exterior, Latex, Semi-Gloss, 400 SF Per Gallon | 35.13 |
| 09 91 33 00-0035 | GAL | Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon | 41.39 |
| 09 91 33 00-0036 | GAL | Exterior, Latex Flat Paint, 300 SF Per Gallon | 36.75 |
| 09 91 33 00-0037 | GAL | Exterior, Water Base, Latex Gloss Enamel | 52.31 |
| 09 91 33 00-0038 | GAL | Cold Galvanizing Paint | 307.56 |
| 09 91 33 00-0039 | GAL | High Heat Paint | 123.51 |
| 09 91 33 00-0040 | GAL | Heat Resistant Paint | 82.34 |
| 09 91 33 00-0041 | GAL | Zinc Chromate Paint | 74.50 |
| 09 91 33 00-0042 | QT | Anti-Rust Enamel, 500 SF Per Quart | 29.41 |
| 09 91 33 00-0043 | GAL | Rust Inhibitor, Ferrous Metal | 82.34 |
| 09 91 33 00-0044 | GAL | Masonry Waterproofing, 100 SF Per Gallon | 36.75 |
| 09 91 33 00-0045 | GAL | Alkyd Latex, Black | 55.54 |
| 09 91 33 00-0046 | GAL | Alkyd Latex, White | 55.54 |
| 09 91 33 00-0047 | GAL | Alkyd Latex, Colors | 66.98 |
| 09 91 33 00-0048 | QT | Wrought Iron Paint, Black | 75.15 |
| 09 91 33 00-0049 | GAL | Vinyl Paint | 61.78 |
| 09 91 33 00-0050 | GAL | Silicone Alkyd | 75.11 |
| 09 91 33 00-0051 | GAL | 2 Component Solvent Based Acrylic Epoxy | 76.32 |
| 09 91 33 00-0052 | GAL | 2 Component Solvent Based Polyester Epoxy | 95.70 |
| 09 91 33 00-0053 | GAL | Chlorinated Rubber | 70.26 |
| 09 91 33 00-0054 | GAL | Polyamide Epoxy Sealer | 72.68 |
| 09 91 33 00-0055 | GAL | Coal Tar Epoxy | 52.09 |
| 09 91 33 00-0056 | GAL | Swimming Pool Enamel, 350 SF Per Gallon | 65.01 |
| 09 91 33 00-0057 | GAL | Swimming Pool Epoxy Or Urethane Base | 84.80 |
| 09 91 33 00-0058 | GAL | Swimming Pool Rubber Base | 58.15 |
| 09 91 33 00-0059 | GAL | Interior, Latex Flat Paint, 300 SF Per Gallon | 36.95 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 91 33 00-0060 | GAL | Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon | 41.39 | |
| 09 91 33 00-0061 | GAL | Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon | 75.71 | |
| 09 91 33 00-0062 | GAL | Interior, Ceiling White Latex Flat, 350 SF Per Gallon | 25.64 | |
| 09 91 33 00-0063 | GAL | Linseed Oil | 22.41 | |
| 09 91 33 00-0064 | GAL | Latex Floor Paint, 300 SF Per Gallon | 36.75 | |
| 09 91 33 00-0065 | GAL | Acrylic Floor Paint, 400 SF Per Gallon | 41.39 | |
| 09 91 33 00-0066 | GAL | Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon | 37.86 | |
| 09 91 33 00-0067 | GAL | Acoustic Spray-On Texture, Finish | 30.42 | |

### 09 91 33 00-0068 Stain, Varnish *(09 91 33)*

| | | | | |
|---|---|---|---|---|
| 09 91 33 00-0069 | GAL | Thompson Water Sealer, 150 SF Per Gallon | 21.00 | |
| 09 91 33 00-0070 | GAL | Latex Redwood Stain, Water Base, 300 SF Per Gallon | 39.17 | |
| 09 91 33 00-0071 | GAL | Redwood Oil Stain, 300 SF Per Gallon | 34.93 | |
| 09 91 33 00-0072 | GAL | Varnish, Clear | 39.36 | |
| 09 91 33 00-0073 | GAL | Penetrating Water-Repellent Stain | 28.59 | |
| 09 91 33 00-0074 | GAL | Redwood Hue Or Clear Stain | 25.55 | |
| 09 91 33 00-0075 | GAL | Polyurethane | 44.85 | |
| 09 91 33 00-0076 | GAL | Lacquer, Semi-Gloss | 36.85 | |
| 09 91 33 00-0077 | GAL | Shellac, Clear | 48.35 | |
| 09 91 33 00-0078 | GAL | Acetone | 15.95 | |
| 09 91 33 00-0079 | GAL | Paint Thinner | 3.94 | |
| 09 91 33 00-0080 | GAL | Shellac Or Lacquer Thinner | 16.15 | |
| 09 91 33 00-0081 | GAL | Turpentine | 22.21 | |
| 09 91 33 00-0082 | GAL | Wood Filler Paste | 37.96 | |
| 09 91 33 00-0083 | GAL | Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon | 30.29 | |
| 09 91 33 00-0084 | GAL | Waterbased Alkyd Urethane (Sherwin Williams B53W01153) | 90.24 | |

## 09 91 43 Surface Preparation *(09 91)*

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

# 09 93 Staining and Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

## 09 93 13 Exterior Staining and Finishing *(09 93)*

### 09 93 13 53 Exterior Finishing *(09 93 13)*

#### 09 93 13 53-0001 Stain Sealer *(09 93 13 53)*

Note: Measured by surface area of wall or ceiling.

| | | | |
|---|---|---|---|
| 09 93 13 53-0002 | SF | Stain Sealer, Brush Work | 0.71 |
| | | *For Ceiling Work, Add* | *0.09* |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* |
| | | *For >10,000 To 20,000, Deduct* | *-0.04* |
| | | *For >20,000, Deduct* | *-0.06* |
| 09 93 13 53-0003 | SF | Stain Sealer, Brush/Roller Work | 0.57 |
| | | *For Ceiling Work, Add* | *0.07* |
| | | *For >5,000 To 10,000, Deduct* | *-0.02* |
| | | *For >10,000 To 20,000, Deduct* | *-0.03* |
| | | *For >20,000, Deduct* | *-0.05* |
| 09 93 13 53-0004 | SF | Stain Sealer, Sprayed | 0.24 |
| | | *For Ceiling Work, Add* | *0.02* |
| | | *For >5,000 To 10,000, Deduct* | *-0.01* |
| | | *For >10,000 To 20,000, Deduct* | *-0.02* |
| | | *For >20,000, Deduct* | *-0.03* |

## 09 93 23 Interior Staining and Finishing *(09 93)*

Note: VOC compliant in all regulated areas, review specifications for levels.

### 09 93 23 13 Interior Staining *(09 93 23)*

#### 09 93 23 13-0001 Stain Wood Trim *(09 93 23 13)*

| | | | |
|---|---|---|---|
| 09 93 23 13-0002 | LF | Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off | 0.86 |
| | | *For Up To 100, Add* | *0.60* |
| | | *For >100 To 250, Add* | *0.28* |
| | | *For >250 To 500, Add* | *0.12* |
| | | *For >4,000, Deduct* | *-0.04* |
| 09 93 23 13-0003 | SF | Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off | 1.28 |
| | | *For Up To 100, Add* | *0.88* |
| | | *For >100 To 250, Add* | *0.42* |
| | | *For >250 To 500, Add* | *0.18* |
| | | *For >4,000, Deduct* | *-0.06* |

#### 09 93 23 13-0004 Stain Wood Floor *(09 93 23 13)*

| | | | |
|---|---|---|---|
| 09 93 23 13-0005 | SF | Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work | 0.43 |
| | | *For Up To 100, Add* | *0.24* |
| | | *For >100 To 250, Add* | *0.12* |
| | | *For >250 To 500, Add* | *0.05* |
| | | *For >4,000, Deduct* | *-0.02* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 93 23 13-0006 | SF | Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work | 0.33 | |
| | | *For Up To 100, Add* | *0.17* | |
| | | *For >100 To 250, Add* | *0.08* | |
| | | *For >250 To 500, Add* | *0.04* | |
| | | *For >4,000, Deduct* | *-0.02* | |

### 09 93 23 13-0007 Stain Wood Door And Window *(09 93 23 13)*

| | | | | |
|---|---|---|---|---|
| 09 93 23 13-0008 | EA | Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face) | 40.73 | |
| | | *For Up To 4, Add* | *29.35* | |
| | | *For >4 To 10, Add* | *13.76* | |
| | | *For >10 To 20, Add* | *5.91* | |
| | | *For >160, Deduct* | *-2.04* | |
| 09 93 23 13-0009 | EA | Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face) | 29.48 | |
| | | *For Up To 4, Add* | *20.35* | |
| | | *For >4 To 10, Add* | *9.58* | |
| | | *For >10 To 20, Add* | *4.13* | |
| | | *For >160, Deduct* | *-1.47* | |

### 09 93 23 13-0010 Stain Wood Cabinet *(09 93 23 13)*

| | | | | |
|---|---|---|---|---|
| 09 93 23 13-0011 | SF | Stain Cabinet, 1 Coat Stain With Brush And Wipe | 1.03 | |

## 09 93 23 53 Interior Finishing *(09 93 23)*

### 09 93 23 53-0001 Concrete Finishes *(09 93 23 53)*

| | | | | |
|---|---|---|---|---|
| 09 93 23 53-0002 | SF | Finish Concrete Floor, 1 Coat Polyurethane | 0.66 | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >4,000, Deduct* | *-0.03* | |

### 09 93 23 53-0003 Wood Trim Finishes *(09 93 23 53)*

| | | | | |
|---|---|---|---|---|
| 09 93 23 53-0004 | SF | Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane | 1.08 | |
| | | *For Up To 100, Add* | *0.68* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >4,000, Deduct* | *-0.05* | |
| 09 93 23 53-0005 | SF | Finish Wood Trim, 1 Coat Varnish Or Polyurethane | 0.70 | |
| | | *For Up To 100, Add* | *0.47* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >4,000, Deduct* | *-0.04* | |

### 09 93 23 53-0006 Wood Floor Finishes *(09 93 23 53)*

| | | | | |
|---|---|---|---|---|
| 09 93 23 53-0007 | SF | Refinish Wood Floor, 2 Coats Polyurethane<br>Note: Includes sanding existing floor. | 2.47 | |
| | | *For Up To 100, Add* | *1.72* | |
| | | *For >100 To 250, Add* | *0.81* | |
| | | *For >250 To 500, Add* | *0.35* | |
| | | *For >4,000, Deduct* | *-0.12* | |
| 09 93 23 53-0008 | SF | Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work<br>Note: Includes screening between coats. | 0.55 | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >4,000, Deduct* | *-0.03* | |
| 09 93 23 53-0009 | SF | Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane<br>Note: Includes sanding existing floor. | 2.80 | |
| | | *For Up To 100, Add* | *1.94* | |
| | | *For >100 To 250, Add* | *0.91* | |
| | | *For >250 To 500, Add* | *0.39* | |
| | | *For >4,000, Deduct* | *-0.14* | |

### 09 93 23 53-0010 Wood Door And Window Finishes *(09 93 23 53)*

See CSI section 08 14 16 00-0627 for factory finish.

| | | | | |
|---|---|---|---|---|
| 09 93 23 53-0011 | EA | Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face) | 29.46 | |
| | | *For Up To 4, Add* | *21.15* | |
| | | *For >4 To 10, Add* | *9.92* | |
| | | *For >10 To 20, Add* | *4.26* | |
| | | *For >160, Deduct* | *-1.47* | |
| 09 93 23 53-0012 | EA | Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face) | 90.13 | |
| | | *For Up To 4, Add* | *63.25* | |
| | | *For >4 To 10, Add* | *29.73* | |
| | | *For >10 To 20, Add* | *12.79* | |
| | | *For >160, Deduct* | *-4.51* | |

### 09 93 23 53-0013 Cabinet Finishes *(09 93 23 53)*

| | | | | |
|---|---|---|---|---|
| 09 93 23 53-0014 | SF | Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane | 1.04 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 93 23 53-0015 | | Gym, Stage And Dance Floor Finishes *(09 93 23 53)* | | |
| 09 93 23 53-0016 | SF | Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor<br>Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines. | 1.27 | |
| 09 93 23 53-0017 | SF | Finish New Elementary School Wood Gym, Stage Or Dance Floor<br>Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats. | 3.09 | |
| | | *For Stage Or Dance Floors, Deduct* | *-0.06* | |
| 09 93 23 53-0018 | SF | Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor<br>Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats. | 3.15 | |
| | | *For Stage Or Dance Floors, Deduct* | *-0.06* | |
| 09 93 23 53-0019 | SF | Finish New High School Wood Gym, Stage Or Dance Floor<br>Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats. | 3.21 | |
| | | *For Stage Or Dance Floors, Deduct* | *-0.06* | |
| 09 93 23 53-0020 | SF | Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor<br>Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats. | 3.09 | |
| | | *For Stage Or Dance Floors, Deduct* | *-0.06* | |
| 09 93 23 53-0021 | SF | Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor<br>Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats. | 3.15 | |
| | | *For Stage Or Dance Floors, Deduct* | *-0.06* | |
| 09 93 23 53-0022 | SF | Refinish Existing High School Wood Gym, Stage Or Dance Floor<br>Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats. | 3.21 | |
| | | *For Stage Or Dance Floors, Deduct* | *-0.06* | |

## 09 96 High-Performance Coatings *(09 90)*

### 09 96 23 Graffiti-Resistant Coatings *(09 96)*

| | | | | |
|---|---|---|---|---|
| 09 96 23 00-0001 | | Anti-Graffiti Coating *(09 96 23)* | | |
| 09 96 23 00-0002 | SF | Sacrificial Anti-Graffiti Coating, Per Coat | 1.14 | |
| | | *For Up To 100, Add* | *0.65* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.14* | |
| 09 96 23 00-0003 | SF | Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat | 1.23 | |
| | | *For Up To 100, Add* | *0.66* | |
| | | *For >100 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.14* | |

### 09 96 53 Elastomeric Coatings *(09 96)*

| | | | | |
|---|---|---|---|---|
| 09 96 53 00-0001 | | Elastomeric Painting *(09 96 53)*<br>Note: Per coat. | | |
| 09 96 53 00-0002 | SF | 1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors | 0.67 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.41* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 96 53 00-0003 | SF | 1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors | 0.58 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.35* | |
| | | *For >100 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 96 53 00-0004 | SF | 1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors | 0.52 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.05* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.27* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.05* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.08* | |
| | | *For >20,000, Deduct* | *-0.10* | |
| 09 96 53 00-0005 | SF | 1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors | 1.59 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.59* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.24* | |
| | | *For >20,000, Deduct* | *-0.32* | |
| 09 96 53 00-0006 | SF | 1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors | 1.50 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.15* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.23* | |
| | | *For >20,000, Deduct* | *-0.30* | |
| 09 96 53 00-0007 | SF | 1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors | 1.72 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.21* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.26* | |
| | | *For >20,000, Deduct* | *-0.34* | |
| 09 96 53 00-0008 | SF | 1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead | 0.75 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.47* | |
| | | *For >100 To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.10* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.08* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.11* | |
| | | *For >20,000, Deduct* | *-0.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 96 53 00-0009 | SF | 1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead | 0.65 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.08* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.13* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.40* | |
| | | *For >100 To 250, Add* | *0.19* | |
| | | *For >250 To 500, Add* | *0.08* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.07* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.10* | |
| | | *For >20,000, Deduct* | *-0.13* | |
| 09 96 53 00-0010 | SF | 1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead | 0.57 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.06* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.20* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.31* | |
| | | *For >100 To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.03* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.06* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.09* | |
| | | *For >20,000, Deduct* | *-0.11* | |
| 09 96 53 00-0011 | SF | 1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead | 1.69 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.10* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.17* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.28* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.38* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.67* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.17* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.25* | |
| | | *For >20,000, Deduct* | *-0.34* | |
| 09 96 53 00-0012 | SF | 1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead | 1.58 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.09* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.15* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.23* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.32* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.59* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.14* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.16* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.24* | |
| | | *For >20,000, Deduct* | *-0.32* | |
| 09 96 53 00-0013 | SF | 1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead | 1.78 | |
| | | *For Work >15' To 20' Above Floor, Add* | *0.07* | |
| | | *Note: Applied only to work area above 15' to 20'.* | | |
| | | *For Work >20' To 30' Above Floor, Add* | *0.11* | |
| | | *Note: Applied only to work area above 20'.* | | |
| | | *For Work >30' To 40' Above Floor, Add* | *0.18* | |
| | | *Note: Applied only to work area above 30' to 40'.* | | |
| | | *For Work >40' Above Floor, Add* | *0.24* | |
| | | *Note: Applied only to work area above 40'.* | | |
| | | *For Up To 100, Add* | *0.53* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.18* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.27* | |
| | | *For >20,000, Deduct* | *-0.36* | |

## 09 96 56 Epoxy Coatings *(09 96)*

### 09 96 56 00-0001 High Build Epoxy *(09 96 56)*

| | | | | |
|---|---|---|---|---|
| 09 96 56 00-0002 | SF | 50 Mil, High Build Epoxy | 2.57 | |

### 09 96 56 00-0003 Laminated Epoxy With Fiberglass *(09 96 56)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 96 56 00-0004 | SF | Laminated Epoxy With Fiberglass | 4.42 | |

### 09 96 66 Aggregate Wall Coatings *(09 96)*

09 96 66 00-0001 Troweled On *(09 96 66)*

| | | | | |
|---|---|---|---|---|
| 09 96 66 00-0002 | SF | Exposed Aggregate - 1/16" To 1/4" - Troweled On | 3.62 | |
| 09 96 66 00-0003 | SF | Exposed Aggregate - 1/2" To 5/8" Troweled On | 6.45 | |
| 09 96 66 00-0004 | SF | Exposed Aggregate - 1" Troweled On | 9.75 | |

09 96 66 00-0005 Sprayed On *(09 96 66)*

| | | | | |
|---|---|---|---|---|
| 09 96 66 00-0006 | SF | Exposed Aggregate - 1/8" - Sprayed On | 2.97 | |

## 09 97 Special Coatings *(09 90)*

### 09 97 13 Steel Coatings *(09 97)*

#### 09 97 13 23 Exterior Steel Coatings *(09 97 13)*

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 97 13 23-0001 Surface Preparation For Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0002 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP11

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0003 | SF | Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation | 0.81 | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| 09 97 13 23-0004 | SF | Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation | 0.72 | |
| | | *For Up To 100, Add* | *0.49* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 09 97 13 23-0005 | SF | Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation | 0.71 | |
| | | *For Up To 100, Add* | *0.48* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 09 97 13 23-0006 | SF | Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation | 1.01 | |
| | | *For Up To 100, Add* | *0.70* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |

09 97 13 23-0007 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0008 | SF | Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation | 2.07 | |
| | | *For Up To 100, Add* | *1.44* | |
| | | *For >100 To 250, Add* | *0.68* | |
| | | *For >250 To 500, Add* | *0.29* | |
| 09 97 13 23-0009 | SF | Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation | 1.82 | |
| | | *For Up To 100, Add* | *1.26* | |
| | | *For >100 To 250, Add* | *0.59* | |
| | | *For >250 To 500, Add* | *0.26* | |
| 09 97 13 23-0010 | SF | Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation | 1.69 | |
| | | *For Up To 100, Add* | *1.16* | |
| | | *For >100 To 250, Add* | *0.55* | |
| | | *For >250 To 500, Add* | *0.24* | |
| 09 97 13 23-0011 | SF | Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation | 2.59 | |
| | | *For Up To 100, Add* | *1.83* | |
| | | *For >100 To 250, Add* | *0.86* | |
| | | *For >250 To 500, Add* | *0.37* | |

09 97 13 23-0012 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete Instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 23-0013 | SF | Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation | 4.03 | |
| | | *For Up To 100, Add* | *2.83* | |
| | | *For >100 To 250, Add* | *1.33* | |
| | | *For >250 To 500, Add* | *0.57* | |
| 09 97 13 23-0014 | SF | Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation | 3.46 | |
| | | *For Up To 100, Add* | *2.42* | |
| | | *For >100 To 250, Add* | *1.14* | |
| | | *For >250 To 500, Add* | *0.49* | |
| 09 97 13 23-0015 | SF | Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation | 3.19 | |
| | | *For Up To 100, Add* | *2.21* | |
| | | *For >100 To 250, Add* | *1.04* | |
| | | *For >250 To 500, Add* | *0.45* | |
| 09 97 13 23-0016 | SF | Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation | 4.86 | |
| | | *For Up To 100, Add* | *3.45* | |
| | | *For >100 To 250, Add* | *1.62* | |
| | | *For >250 To 500, Add* | *0.70* | |

## 09 97 13 23-0017 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0018 | SF | Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation | 3.00 | |
| | | *For Up To 100, Add* | *2.09* | |
| | | *For >100 To 250, Add* | *0.99* | |
| | | *For >250 To 500, Add* | *0.42* | |
| 09 97 13 23-0019 | SF | Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation | 2.57 | |
| | | *For Up To 100, Add* | *1.79* | |
| | | *For >100 To 250, Add* | *0.84* | |
| | | *For >250 To 500, Add* | *0.36* | |
| 09 97 13 23-0020 | SF | Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation | 2.43 | |
| | | *For Up To 100, Add* | *1.68* | |
| | | *For >100 To 250, Add* | *0.79* | |
| | | *For >250 To 500, Add* | *0.34* | |
| 09 97 13 23-0021 | SF | Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation | 3.53 | |
| | | *For Up To 100, Add* | *2.51* | |
| | | *For >100 To 250, Add* | *1.18* | |
| | | *For >250 To 500, Add* | *0.51* | |

## 09 97 13 23-0022 Protective Coatings For Tanks And Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

## 09 97 13 23-0023 1.5 Mil Prime Coat For Structural Steel *(09 97 13 23-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0024 | SF | Spray Type 1 Structural Steel 1.5 Mil Prime Coat | 0.93 | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 250, Add* | *0.28* | |
| | | *For >250 To 500, Add* | *0.12* | |
| 09 97 13 23-0025 | SF | Spray Type 2 Structural Steel 1.5 Mil Prime Coat | 0.68 | |
| | | *For Up To 100, Add* | *0.43* | |
| | | *For >100 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.09* | |
| 09 97 13 23-0026 | SF | Spray Type 3 Structural Steel 1.5 Mil Prime Coat | 0.62 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| 09 97 13 23-0027 | SF | Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat | 1.09 | |
| | | *For Up To 100, Add* | *0.72* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 09 97 13 23-0028 | SF | Brush Type 1 Structural Steel 1.5 Mil Prime Coat | 1.05 | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| 09 97 13 23-0029 | SF | Brush Type 2 Structural Steel 1.5 Mil Prime Coat | 0.78 | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 09 97 13 23-0030 | SF | Brush Type 3 Structural Steel 1.5 Mil Prime Coat | 0.70 | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.09* | |
| 09 97 13 23-0031 | SF | Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat | 1.25 | |
| | | *For Up To 100, Add* | *0.84* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.17* | |

## 09 97 13 23-0032 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0022)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 23-0033 | SF | Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 2.74 | |
| | | *For Up To 100, Add* | *1.73* | |
| | | *For >100 To 250, Add* | *0.82* | |
| | | *For >250 To 500, Add* | *0.36* | |
| 09 97 13 23-0034 | SF | Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 1.99 | |
| | | *For Up To 100, Add* | *1.20* | |
| | | *For >100 To 250, Add* | *0.57* | |
| | | *For >250 To 500, Add* | *0.25* | |
| 09 97 13 23-0035 | SF | Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 1.87 | |
| | | *For Up To 100, Add* | *1.11* | |
| | | *For >100 To 250, Add* | *0.53* | |
| | | *For >250 To 500, Add* | *0.23* | |
| 09 97 13 23-0036 | SF | Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 3.30 | |
| | | *For Up To 100, Add* | *2.14* | |
| | | *For >100 To 250, Add* | *1.02* | |
| | | *For >250 To 500, Add* | *0.44* | |
| 09 97 13 23-0037 | SF | Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 2.04 | |
| | | *For Up To 100, Add* | *1.29* | |
| | | *For >100 To 250, Add* | *0.61* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 09 97 13 23-0038 | SF | Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 1.50 | |
| | | *For Up To 100, Add* | *0.90* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| 09 97 13 23-0039 | SF | Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 1.39 | |
| | | *For Up To 100, Add* | *0.82* | |
| | | *For >100 To 250, Add* | *0.39* | |
| | | *For >250 To 500, Add* | *0.17* | |
| 09 97 13 23-0040 | SF | Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 2.48 | |
| | | *For Up To 100, Add* | *1.61* | |
| | | *For >100 To 250, Add* | *0.76* | |
| | | *For >250 To 500, Add* | *0.33* | |
| 09 97 13 23-0041 | SF | Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 3.35 | |
| | | *For Up To 100, Add* | *2.19* | |
| | | *For >100 To 250, Add* | *1.04* | |
| | | *For >250 To 500, Add* | *0.45* | |
| 09 97 13 23-0042 | SF | Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 2.42 | |
| | | *For Up To 100, Add* | *1.52* | |
| | | *For >100 To 250, Add* | *0.72* | |
| | | *For >250 To 500, Add* | *0.31* | |
| 09 97 13 23-0043 | SF | Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 2.24 | |
| | | *For Up To 100, Add* | *1.39* | |
| | | *For >100 To 250, Add* | *0.66* | |
| | | *For >250 To 500, Add* | *0.29* | |
| 09 97 13 23-0044 | SF | Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 4.06 | |
| | | *For Up To 100, Add* | *2.71* | |
| | | *For >100 To 250, Add* | *1.28* | |
| | | *For >250 To 500, Add* | *0.55* | |
| 09 97 13 23-0045 | SF | Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 2.50 | |
| | | *For Up To 100, Add* | *1.64* | |
| | | *For >100 To 250, Add* | *0.78* | |
| | | *For >250 To 500, Add* | *0.34* | |
| 09 97 13 23-0046 | SF | Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 1.81 | |
| | | *For Up To 100, Add* | *1.14* | |
| | | *For >100 To 250, Add* | *0.54* | |
| | | *For >250 To 500, Add* | *0.23* | |
| 09 97 13 23-0047 | SF | Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 1.68 | |
| | | *For Up To 100, Add* | *1.04* | |
| | | *For >100 To 250, Add* | *0.50* | |
| | | *For >250 To 500, Add* | *0.22* | |
| 09 97 13 23-0048 | SF | Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 3.04 | |
| | | *For Up To 100, Add* | *2.03* | |
| | | *For >100 To 250, Add* | *0.96* | |
| | | *For >250 To 500, Add* | *0.41* | |

### 09 97 13 23-0049 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0050 | SF | Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 2.11 | |
| | | *For Up To 100, Add* | *1.35* | |
| | | *For >100 To 250, Add* | *0.64* | |
| | | *For >250 To 500, Add* | *0.28* | |
| 09 97 13 23-0051 | SF | Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 1.73 | |
| | | *For Up To 100, Add* | *1.09* | |
| | | *For >100 To 250, Add* | *0.52* | |
| | | *For >250 To 500, Add* | *0.22* | |
| 09 97 13 23-0052 | SF | Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 1.59 | |
| | | *For Up To 100, Add* | *0.98* | |
| | | *For >100 To 250, Add* | *0.47* | |
| | | *For >250 To 500, Add* | *0.20* | |
| 09 97 13 23-0053 | SF | Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 2.60 | |
| | | *For Up To 100, Add* | *1.71* | |
| | | *For >100 To 250, Add* | *0.81* | |
| | | *For >250 To 500, Add* | *0.35* | |
| 09 97 13 23-0054 | SF | Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.35 | |
| | | *For Up To 100, Add* | *0.86* | |
| | | *For >100 To 250, Add* | *0.41* | |
| | | *For >250 To 500, Add* | *0.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 23-0055 | SF | Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.10 | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| 09 97 13 23-0056 | SF | Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.02 | |
| | | *For Up To 100, Add* | *0.63* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| 09 97 13 23-0057 | SF | Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.67 | |
| | | *For Up To 100, Add* | *1.10* | |
| | | *For >100 To 250, Add* | *0.52* | |
| | | *For >250 To 500, Add* | *0.22* | |
| 09 97 13 23-0058 | SF | Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 2.39 | |
| | | *For Up To 100, Add* | *1.56* | |
| | | *For >100 To 250, Add* | *0.74* | |
| | | *For >250 To 500, Add* | *0.32* | |
| 09 97 13 23-0059 | SF | Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 1.94 | |
| | | *For Up To 100, Add* | *1.25* | |
| | | *For >100 To 250, Add* | *0.59* | |
| | | *For >250 To 500, Add* | *0.26* | |
| 09 97 13 23-0060 | SF | Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 1.78 | |
| | | *For Up To 100, Add* | *1.13* | |
| | | *For >100 To 250, Add* | *0.54* | |
| | | *For >250 To 500, Add* | *0.23* | |
| 09 97 13 23-0061 | SF | Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 2.95 | |
| | | *For Up To 100, Add* | *1.97* | |
| | | *For >100 To 250, Add* | *0.93* | |
| | | *For >250 To 500, Add* | *0.40* | |
| 09 97 13 23-0062 | SF | Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.53 | |
| | | *For Up To 100, Add* | *1.00* | |
| | | *For >100 To 250, Add* | *0.47* | |
| | | *For >250 To 500, Add* | *0.20* | |
| 09 97 13 23-0063 | SF | Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.25 | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.16* | |
| 09 97 13 23-0064 | SF | Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.15 | |
| | | *For Up To 100, Add* | *0.72* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 09 97 13 23-0065 | SF | Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.90 | |
| | | *For Up To 100, Add* | *1.27* | |
| | | *For >100 To 250, Add* | *0.60* | |
| | | *For >250 To 500, Add* | *0.26* | |

### 09 97 13 23-0066 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel *(09 97 13 23-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0067 | SF | Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 3.56 | |
| | | *For Up To 100, Add* | *2.02* | |
| | | *For >100 To 250, Add* | *0.97* | |
| | | *For >250 To 500, Add* | *0.43* | |
| 09 97 13 23-0068 | SF | Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 2.63 | |
| | | *For Up To 100, Add* | *1.38* | |
| | | *For >100 To 250, Add* | *0.67* | |
| | | *For >250 To 500, Add* | *0.30* | |
| 09 97 13 23-0069 | SF | Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 2.37 | |
| | | *For Up To 100, Add* | *1.18* | |
| | | *For >100 To 250, Add* | *0.58* | |
| | | *For >250 To 500, Add* | *0.26* | |
| 09 97 13 23-0070 | SF | Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 4.00 | |
| | | *For Up To 100, Add* | *2.33* | |
| | | *For >100 To 250, Add* | *1.12* | |
| | | *For >250 To 500, Add* | *0.49* | |
| 09 97 13 23-0071 | SF | Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 2.49 | |
| | | *For Up To 100, Add* | *1.41* | |
| | | *For >100 To 250, Add* | *0.68* | |
| | | *For >250 To 500, Add* | *0.30* | |
| 09 97 13 23-0072 | SF | Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 1.84 | |
| | | *For Up To 100, Add* | *0.97* | |
| | | *For >100 To 250, Add* | *0.47* | |
| | | *For >250 To 500, Add* | *0.21* | |
| 09 97 13 23-0073 | SF | Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 1.65 | |
| | | *For Up To 100, Add* | *0.82* | |
| | | *For >100 To 250, Add* | *0.41* | |
| | | *For >250 To 500, Add* | *0.18* | |
| 09 97 13 23-0074 | SF | Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 2.81 | |
| | | *For Up To 100, Add* | *1.63* | |
| | | *For >100 To 250, Add* | *0.79* | |
| | | *For >250 To 500, Add* | *0.34* | |

### 09 97 13 23-0075 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel *(09 97 13 23-0022)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 23-0076 | SF | Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats | 3.87 | |
| | | *For Up To 100, Add* | *2.06* | |
| | | *For >100 To 250, Add* | *1.00* | |
| | | *For >250 To 500, Add* | *0.44* | |
| 09 97 13 23-0077 | SF | Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats | 2.91 | |
| | | *For Up To 100, Add* | *1.42* | |
| | | *For >100 To 250, Add* | *0.70* | |
| | | *For >250 To 500, Add* | *0.31* | |
| 09 97 13 23-0078 | SF | Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats | 2.65 | |
| | | *For Up To 100, Add* | *1.23* | |
| | | *For >100 To 250, Add* | *0.61* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 09 97 13 23-0079 | SF | Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats | 4.32 | |
| | | *For Up To 100, Add* | *2.38* | |
| | | *For >100 To 250, Add* | *1.15* | |
| | | *For >250 To 500, Add* | *0.50* | |
| 09 97 13 23-0080 | SF | Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats | 3.17 | |
| | | *For Up To 100, Add* | *1.69* | |
| | | *For >100 To 250, Add* | *0.82* | |
| | | *For >250 To 500, Add* | *0.36* | |
| 09 97 13 23-0081 | SF | Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats | 2.39 | |
| | | *For Up To 100, Add* | *1.17* | |
| | | *For >100 To 250, Add* | *0.58* | |
| | | *For >250 To 500, Add* | *0.25* | |
| 09 97 13 23-0082 | SF | Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats | 2.16 | |
| | | *For Up To 100, Add* | *1.00* | |
| | | *For >100 To 250, Add* | *0.50* | |
| | | *For >250 To 500, Add* | *0.22* | |
| 09 97 13 23-0083 | SF | Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats | 3.54 | |
| | | *For Up To 100, Add* | *1.95* | |
| | | *For >100 To 250, Add* | *0.94* | |
| | | *For >250 To 500, Add* | *0.41* | |

### 09 97 13 23-0084 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel *(09 97 13 23-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0085 | SF | Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats | 8.03 | |
| | | *For Up To 100, Add* | *4.41* | |
| | | *For >100 To 250, Add* | *2.14* | |
| | | *For >250 To 500, Add* | *0.94* | |
| 09 97 13 23-0086 | SF | Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats | 6.18 | |
| | | *For Up To 100, Add* | *3.20* | |
| | | *For >100 To 250, Add* | *1.56* | |
| | | *For >250 To 500, Add* | *0.69* | |
| 09 97 13 23-0087 | SF | Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats | 5.96 | |
| | | *For Up To 100, Add* | *3.03* | |
| | | *For >100 To 250, Add* | *1.49* | |
| | | *For >250 To 500, Add* | *0.65* | |
| 09 97 13 23-0088 | SF | Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats | 9.25 | |
| | | *For Up To 100, Add* | *5.30* | |
| | | *For >100 To 250, Add* | *2.56* | |
| | | *For >250 To 500, Add* | *1.11* | |

### 09 97 13 23-0089 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel *(09 97 13 23-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0090 | SF | Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats | 4.31 | |
| | | *For Up To 100, Add* | *2.17* | |
| | | *For >100 To 250, Add* | *1.07* | |
| | | *For >250 To 500, Add* | *0.47* | |
| 09 97 13 23-0091 | SF | Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats | 3.48 | |
| | | *For Up To 100, Add* | *1.55* | |
| | | *For >100 To 250, Add* | *0.78* | |
| | | *For >250 To 500, Add* | *0.35* | |
| 09 97 13 23-0092 | SF | Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats | 3.34 | |
| | | *For Up To 100, Add* | *1.45* | |
| | | *For >100 To 250, Add* | *0.73* | |
| | | *For >250 To 500, Add* | *0.33* | |
| 09 97 13 23-0093 | SF | Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats | 4.85 | |
| | | *For Up To 100, Add* | *2.54* | |
| | | *For >100 To 250, Add* | *1.24* | |
| | | *For >250 To 500, Add* | *0.54* | |
| 09 97 13 23-0094 | SF | Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats | 3.40 | |
| | | *For Up To 100, Add* | *1.71* | |
| | | *For >100 To 250, Add* | *0.84* | |
| | | *For >250 To 500, Add* | *0.37* | |
| 09 97 13 23-0095 | SF | Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats | 2.74 | |
| | | *For Up To 100, Add* | *1.22* | |
| | | *For >100 To 250, Add* | *0.61* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 09 97 13 23-0096 | SF | Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats | 2.64 | |
| | | *For Up To 100, Add* | *1.15* | |
| | | *For >100 To 250, Add* | *0.58* | |
| | | *For >250 To 500, Add* | *0.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 23-0097 | SF | Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats | 3.83 | |
| | | *For Up To 100, Add* | *2.01* | |
| | | *For >100 To 250, Add* | *0.98* | |
| | | *For >250 To 500, Add* | *0.43* | |

### 09 97 13 23-0098 Two 8 Mil Coal Tar Epoxy Coats For Structural Steel *(09 97 13 23-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0099 | SF | Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats | 3.54 | |
| | | *For Up To 100, Add* | *2.06* | |
| | | *For >100 To 250, Add* | *0.99* | |
| | | *For >250 To 500, Add* | *0.43* | |
| 09 97 13 23-0100 | SF | Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats | 2.89 | |
| | | *For Up To 100, Add* | *1.62* | |
| | | *For >100 To 250, Add* | *0.78* | |
| | | *For >250 To 500, Add* | *0.34* | |
| 09 97 13 23-0101 | SF | Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats | 2.69 | |
| | | *For Up To 100, Add* | *1.47* | |
| | | *For >100 To 250, Add* | *0.71* | |
| | | *For >250 To 500, Add* | *0.31* | |
| 09 97 13 23-0102 | SF | Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats | 4.34 | |
| | | *For Up To 100, Add* | *2.63* | |
| | | *For >100 To 250, Add* | *1.26* | |
| | | *For >250 To 500, Add* | *0.55* | |

### 09 97 13 23-0103 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel *(09 97 13 23-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0104 | SF | Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat | 3.36 | |
| | | *For Up To 100, Add* | *2.06* | |
| | | *For >100 To 250, Add* | *0.99* | |
| | | *For >250 To 500, Add* | *0.43* | |
| 09 97 13 23-0105 | SF | Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat | 2.43 | |
| | | *For Up To 100, Add* | *1.40* | |
| | | *For >100 To 250, Add* | *0.67* | |
| | | *For >250 To 500, Add* | *0.29* | |
| 09 97 13 23-0106 | SF | Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat | 2.09 | |
| | | *For Up To 100, Add* | *1.14* | |
| | | *For >100 To 250, Add* | *0.55* | |
| | | *For >250 To 500, Add* | *0.24* | |
| 09 97 13 23-0107 | SF | Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat | 3.83 | |
| | | *For Up To 100, Add* | *2.39* | |
| | | *For >100 To 250, Add* | *1.14* | |
| | | *For >250 To 500, Add* | *0.49* | |

### 09 97 13 23-0108 One 3 Mil High Zinc Silicate Coat For Structural Steel *(09 97 13 23-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0109 | SF | Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat | 1.89 | |
| | | *For Up To 100, Add* | *0.94* | |
| | | *For >100 To 250, Add* | *0.46* | |
| | | *For >250 To 500, Add* | *0.20* | |
| 09 97 13 23-0110 | SF | Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat | 1.40 | |
| | | *For Up To 100, Add* | *0.62* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.14* | |
| 09 97 13 23-0111 | SF | Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat | 1.34 | |
| | | *For Up To 100, Add* | *0.57* | |
| | | *For >100 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.13* | |
| 09 97 13 23-0112 | SF | Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat | 1.98 | |
| | | *For Up To 100, Add* | *0.99* | |
| | | *For >100 To 250, Add* | *0.49* | |
| | | *For >250 To 500, Add* | *0.22* | |

### 09 97 13 23-0113 Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel *(09 97 13 23-0022)*

Note: Installed over existing primer.

| | | | | |
|---|---|---|---|---|
| 09 97 13 23-0114 | SF | Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats | 2.85 | |
| | | *For Up To 100, Add* | *1.58* | |
| | | *For >100 To 250, Add* | *0.77* | |
| | | *For >250 To 500, Add* | *0.33* | |
| 09 97 13 23-0115 | SF | Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats | 2.34 | |
| | | *For Up To 100, Add* | *1.25* | |
| | | *For >100 To 250, Add* | *0.61* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 09 97 13 23-0116 | SF | Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats | 2.08 | |
| | | *For Up To 100, Add* | *1.06* | |
| | | *For >100 To 250, Add* | *0.52* | |
| | | *For >250 To 500, Add* | *0.23* | |
| 09 97 13 23-0117 | SF | Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats | 3.29 | |
| | | *For Up To 100, Add* | *1.90* | |
| | | *For >100 To 250, Add* | *0.91* | |
| | | *For >250 To 500, Add* | *0.40* | |


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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 09 97 13 23-0118 | | Hot Stick Galvanizing *(09 97 13 23)* | | | |
| 09 97 13 23-0119 | SI | Hot Stick Galvanizing<br>Note: Includes wire brush cleaning, heating with torch, applying stick galvanizing and final wire brush cleaning. | | 2.91 | |
| **09 97 13 24** | | **Steel Water Storage Tank Painting *(09 97 13)*** | | | |
| 09 97 13 24-0001 | | Surface Preparation For Tanks *(09 97 13 24)*<br>Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter. | | | |
| 09 97 13 24-0002 | | SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)* | | | |
| 09 97 13 24-0003 | SF | Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation | | 1.05 | |
| | | *For Up To 100, Add* | | *0.79* | |
| | | *For >100 To 250, Add* | | *0.37* | |
| | | *For >250 To 500, Add* | | *0.16* | |
| 09 97 13 24-0004 | SF | Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation | | 0.94 | |
| | | *For Up To 100, Add* | | *0.71* | |
| | | *For >100 To 250, Add* | | *0.33* | |
| | | *For >250 To 500, Add* | | *0.14* | |
| 09 97 13 24-0005 | SF | Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation | | 1.32 | |
| | | *For Up To 100, Add* | | *0.99* | |
| | | *For >100 To 250, Add* | | *0.46* | |
| | | *For >250 To 500, Add* | | *0.20* | |
| 09 97 13 24-0006 | | SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)* | | | |
| 09 97 13 24-0007 | SF | Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation | | 0.68 | |
| | | *For Up To 100, Add* | | *0.46* | |
| | | *For >100 To 250, Add* | | *0.22* | |
| | | *For >250 To 500, Add* | | *0.09* | |
| 09 97 13 24-0008 | SF | Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation | | 0.55 | |
| | | *For Up To 100, Add* | | *0.38* | |
| | | *For >100 To 250, Add* | | *0.18* | |
| | | *For >250 To 500, Add* | | *0.08* | |
| 09 97 13 24-0009 | SF | Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation | | 0.96 | |
| | | *For Up To 100, Add* | | *0.68* | |
| | | *For >100 To 250, Add* | | *0.32* | |
| | | *For >250 To 500, Add* | | *0.14* | |
| 09 97 13 24-0010 | | SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)* | | | |
| 09 97 13 24-0011 | SF | Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation | | 1.68 | |
| | | *For Up To 100, Add* | | *1.16* | |
| | | *For >100 To 250, Add* | | *0.55* | |
| | | *For >250 To 500, Add* | | *0.24* | |
| 09 97 13 24-0012 | SF | Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation | | 1.55 | |
| | | *For Up To 100, Add* | | *1.06* | |
| | | *For >100 To 250, Add* | | *0.50* | |
| | | *For >250 To 500, Add* | | *0.22* | |
| 09 97 13 24-0013 | SF | Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation | | 2.24 | |
| | | *For Up To 100, Add* | | *1.58* | |
| | | *For >100 To 250, Add* | | *0.74* | |
| | | *For >250 To 500, Add* | | *0.32* | |
| 09 97 13 24-0014 | | SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)* | | | |
| 09 97 13 24-0015 | SF | Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation | | 3.03 | |
| | | *For Up To 100, Add* | | *2.10* | |
| | | *For >100 To 250, Add* | | *0.99* | |
| | | *For >250 To 500, Add* | | *0.43* | |
| 09 97 13 24-0016 | SF | Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation | | 2.90 | |
| | | *For Up To 100, Add* | | *2.00* | |
| | | *For >100 To 250, Add* | | *0.94* | |
| | | *For >250 To 500, Add* | | *0.41* | |
| 09 97 13 24-0017 | SF | Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation | | 4.20 | |
| | | *For Up To 100, Add* | | *2.98* | |
| | | *For >100 To 250, Add* | | *1.40* | |
| | | *For >250 To 500, Add* | | *0.60* | |
| 09 97 13 24-0018 | | SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)* | | | |
| 09 97 13 24-0019 | SF | Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation | | 2.42 | |
| | | *For Up To 100, Add* | | *1.68* | |
| | | *For >100 To 250, Add* | | *0.79* | |
| | | *For >250 To 500, Add* | | *0.34* | |
| 09 97 13 24-0020 | SF | Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation | | 2.42 | |
| | | *For Up To 100, Add* | | *1.68* | |
| | | *For >100 To 250, Add* | | *0.79* | |
| | | *For >250 To 500, Add* | | *0.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 24-0021 | SF | Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation | 3.52 | |
| | | *For Up To 100, Add* | *2.51* | |
| | | *For >100 To 250, Add* | *1.18* | |
| | | *For >250 To 500, Add* | *0.51* | |

## 09 97 13 24-0022 Protective Coatings For Tanks *(09 97 13 24)*

Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.

## 09 97 13 24-0023 1.5 Mil Prime Coat For Tanks *(09 97 13 24-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 24-0024 | SF | Spray Small Vessel/Tank 1.5 Mil Prime Coat | 0.56 | |
| | | *For Up To 100, Add* | *0.34* | |
| | | *For >100 To 250, Add* | *0.16* | |
| | | *For >250 To 500, Add* | *0.07* | |
| 09 97 13 24-0025 | SF | Spray Large Vessel/Tank 1.5 Mil Prime Coat | 0.46 | |
| | | *For Up To 100, Add* | *0.26* | |
| | | *For >100 To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.06* | |
| 09 97 13 24-0026 | SF | Spray Tank Interior 1.5 Mil Prime Coat | 1.04 | |
| | | *For Up To 100, Add* | *0.70* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.14* | |
| 09 97 13 24-0027 | SF | Brush Small Vessel/Tank 1.5 Mil Prime Coat | 0.61 | |
| | | *For Up To 100, Add* | *0.37* | |
| | | *For >100 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.08* | |
| 09 97 13 24-0028 | SF | Brush Large Vessel/Tank 1.5 Mil Prime Coat | 0.50 | |
| | | *For Up To 100, Add* | *0.29* | |
| | | *For >100 To 250, Add* | *0.14* | |
| | | *For >250 To 500, Add* | *0.06* | |
| 09 97 13 24-0029 | SF | Brush Tank Interior 1.5 Mil Prime Coat | 1.18 | |
| | | *For Up To 100, Add* | *0.80* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.16* | |

## 09 97 13 24-0030 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 24-0031 | SF | Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 1.63 | |
| | | *For Up To 100, Add* | *0.94* | |
| | | *For >100 To 250, Add* | *0.45* | |
| | | *For >250 To 500, Add* | *0.20* | |
| 09 97 13 24-0032 | SF | Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 1.29 | |
| | | *For Up To 100, Add* | *0.69* | |
| | | *For >100 To 250, Add* | *0.33* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 09 97 13 24-0033 | SF | Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 2.94 | |
| | | *For Up To 100, Add* | *1.92* | |
| | | *For >100 To 250, Add* | *0.91* | |
| | | *For >250 To 500, Add* | *0.39* | |
| 09 97 13 24-0034 | SF | Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 1.23 | |
| | | *For Up To 100, Add* | *0.71* | |
| | | *For >100 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 09 97 13 24-0035 | SF | Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 0.98 | |
| | | *For Up To 100, Add* | *0.52* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| 09 97 13 24-0036 | SF | Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 2.22 | |
| | | *For Up To 100, Add* | *1.45* | |
| | | *For >100 To 250, Add* | *0.69* | |
| | | *For >250 To 500, Add* | *0.30* | |
| 09 97 13 24-0037 | SF | Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 1.95 | |
| | | *For Up To 100, Add* | *1.18* | |
| | | *For >100 To 250, Add* | *0.57* | |
| | | *For >250 To 500, Add* | *0.25* | |
| 09 97 13 24-0038 | SF | Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 1.52 | |
| | | *For Up To 100, Add* | *0.86* | |
| | | *For >100 To 250, Add* | *0.41* | |
| | | *For >250 To 500, Add* | *0.18* | |
| 09 97 13 24-0039 | SF | Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats | 3.62 | |
| | | *For Up To 100, Add* | *2.43* | |
| | | *For >100 To 250, Add* | *1.15* | |
| | | *For >250 To 500, Add* | *0.50* | |
| 09 97 13 24-0040 | SF | Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 1.48 | |
| | | *For Up To 100, Add* | *0.89* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| 09 97 13 24-0041 | SF | Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 1.15 | |
| | | *For Up To 100, Add* | *0.65* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.14* | |
| 09 97 13 24-0042 | SF | Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats | 2.72 | |
| | | *For Up To 100, Add* | *1.82* | |
| | | *For >100 To 250, Add* | *0.86* | |
| | | *For >250 To 500, Add* | *0.37* | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 24-0043 | | Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)* | | |
| 09 97 13 24-0044 | SF | Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 1.44 | |
| | | *For Up To 100, Add* | *0.88* | |
| | | *For >100 To 250, Add* | *0.42* | |
| | | *For >250 To 500, Add* | *0.18* | |
| 09 97 13 24-0045 | SF | Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 1.24 | |
| | | *For Up To 100, Add* | *0.73* | |
| | | *For >100 To 250, Add* | *0.35* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 09 97 13 24-0046 | SF | Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 3.02 | |
| | | *For Up To 100, Add* | *2.06* | |
| | | *For >100 To 250, Add* | *0.97* | |
| | | *For >250 To 500, Add* | *0.42* | |
| 09 97 13 24-0047 | SF | Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat | 0.92 | |
| | | *For Up To 100, Add* | *0.56* | |
| | | *For >100 To 250, Add* | *0.27* | |
| | | *For >250 To 500, Add* | *0.12* | |
| 09 97 13 24-0048 | SF | Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat | 0.80 | |
| | | *For Up To 100, Add* | *0.47* | |
| | | *For >100 To 250, Add* | *0.23* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 09 97 13 24-0049 | SF | Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats | 1.94 | |
| | | *For Up To 100, Add* | *1.32* | |
| | | *For >100 To 250, Add* | *0.62* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 09 97 13 24-0050 | SF | Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 1.62 | |
| | | *For Up To 100, Add* | *1.01* | |
| | | *For >100 To 250, Add* | *0.48* | |
| | | *For >250 To 500, Add* | *0.21* | |
| 09 97 13 24-0051 | SF | Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 1.38 | |
| | | *For Up To 100, Add* | *0.83* | |
| | | *For >100 To 250, Add* | *0.40* | |
| | | *For >250 To 500, Add* | *0.17* | |
| 09 97 13 24-0052 | SF | Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats | 3.63 | |
| | | *For Up To 100, Add* | *2.59* | |
| | | *For >100 To 250, Add* | *1.22* | |
| | | *For >250 To 500, Add* | *0.52* | |
| 09 97 13 24-0053 | SF | Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat | 1.04 | |
| | | *For Up To 100, Add* | *0.65* | |
| | | *For >100 To 250, Add* | *0.31* | |
| | | *For >250 To 500, Add* | *0.13* | |
| 09 97 13 24-0054 | SF | Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat | 0.89 | |
| | | *For Up To 100, Add* | *0.54* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.11* | |
| 09 97 13 24-0055 | SF | Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats | 2.41 | |
| | | *For Up To 100, Add* | *1.68* | |
| | | *For >100 To 250, Add* | *0.79* | |
| | | *For >250 To 500, Add* | *0.34* | |
| 09 97 13 24-0056 | | 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks *(09 97 13 24-0022)* | | |
| 09 97 13 24-0057 | SF | Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 2.20 | |
| | | *For Up To 100, Add* | *1.07* | |
| | | *For >100 To 250, Add* | *0.53* | |
| | | *For >250 To 500, Add* | *0.23* | |
| 09 97 13 24-0058 | SF | Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 1.92 | |
| | | *For Up To 100, Add* | *0.86* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| 09 97 13 24-0059 | SF | Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 1.53 | |
| | | *For Up To 100, Add* | *0.75* | |
| | | *For >100 To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.16* | |
| 09 97 13 24-0060 | SF | Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats | 1.34 | |
| | | *For Up To 100, Add* | *0.60* | |
| | | *For >100 To 250, Add* | *0.30* | |
| | | *For >250 To 500, Add* | *0.13* | |
| 09 97 13 24-0061 | | 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks *(09 97 13 24-0022)* | | |
| 09 97 13 24-0062 | SF | Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats | 2.47 | |
| | | *For Up To 100, Add* | *1.11* | |
| | | *For >100 To 250, Add* | *0.56* | |
| | | *For >250 To 500, Add* | *0.25* | |
| 09 97 13 24-0063 | SF | Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats | 2.19 | |
| | | *For Up To 100, Add* | *0.90* | |
| | | *For >100 To 250, Add* | *0.46* | |
| | | *For >250 To 500, Add* | *0.21* | |
| 09 97 13 24-0064 | SF | Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats | 2.02 | |
| | | *For Up To 100, Add* | *0.91* | |
| | | *For >100 To 250, Add* | *0.45* | |
| | | *For >250 To 500, Add* | *0.20* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 24-0065 | SF | Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats | 1.80 | |
| | | *For Up To 100, Add* | *0.74* | |
| | | *For >100 To 250, Add* | *0.38* | |
| | | *For >250 To 500, Add* | *0.17* | |

## 09 97 13 24-0066 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 24-0067 | SF | Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats | 5.76 | |
| | | *For Up To 100, Add* | *2.92* | |
| | | *For >100 To 250, Add* | *1.43* | |
| | | *For >250 To 500, Add* | *0.63* | |
| 09 97 13 24-0068 | SF | Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats | 5.35 | |
| | | *For Up To 100, Add* | *2.61* | |
| | | *For >100 To 250, Add* | *1.29* | |
| | | *For >250 To 500, Add* | *0.57* | |
| 09 97 13 24-0069 | SF | Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats | 8.50 | |
| | | *For Up To 100, Add* | *4.98* | |
| | | *For >100 To 250, Add* | *2.39* | |
| | | *For >250 To 500, Add* | *1.04* | |

## 09 97 13 24-0070 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 24-0071 | SF | Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats | 3.10 | |
| | | *For Up To 100, Add* | *1.39* | |
| | | *For >100 To 250, Add* | *0.70* | |
| | | *For >250 To 500, Add* | *0.31* | |
| 09 97 13 24-0072 | SF | Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats | 2.80 | |
| | | *For Up To 100, Add* | *1.16* | |
| | | *For >100 To 250, Add* | *0.59* | |
| | | *For >250 To 500, Add* | *0.26* | |
| 09 97 13 24-0073 | SF | Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats | 4.44 | |
| | | *For Up To 100, Add* | *2.39* | |
| | | *For >100 To 250, Add* | *1.16* | |
| | | *For >250 To 500, Add* | *0.51* | |
| 09 97 13 24-0074 | SF | Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats | 2.45 | |
| | | *For Up To 100, Add* | *1.10* | |
| | | *For >100 To 250, Add* | *0.55* | |
| | | *For >250 To 500, Add* | *0.24* | |
| 09 97 13 24-0075 | SF | Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats | 2.20 | |
| | | *For Up To 100, Add* | *0.91* | |
| | | *For >100 To 250, Add* | *0.46* | |
| | | *For >250 To 500, Add* | *0.21* | |
| 09 97 13 24-0076 | SF | Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats | 3.50 | |
| | | *For Up To 100, Add* | *1.89* | |
| | | *For >100 To 250, Add* | *0.92* | |
| | | *For >250 To 500, Add* | *0.40* | |

## 09 97 13 24-0077 Two 8 Mil Coal Tar Epoxy Coats For Tanks *(09 97 13 24-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 24-0078 | SF | Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats | 2.66 | |
| | | *For Up To 100, Add* | *1.47* | |
| | | *For >100 To 250, Add* | *0.71* | |
| | | *For >250 To 500, Add* | *0.31* | |
| 09 97 13 24-0079 | SF | Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats | 2.26 | |
| | | *For Up To 100, Add* | *1.17* | |
| | | *For >100 To 250, Add* | *0.57* | |
| | | *For >250 To 500, Add* | *0.25* | |
| 09 97 13 24-0080 | SF | Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats | 3.35 | |
| | | *For Up To 100, Add* | *1.98* | |
| | | *For >100 To 250, Add* | *0.95* | |
| | | *For >250 To 500, Add* | *0.41* | |

## 09 97 13 24-0081 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks *(09 97 13 24-0022)*

| | | | | |
|---|---|---|---|---|
| 09 97 13 24-0082 | SF | Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat | 1.85 | |
| | | *For Up To 100, Add* | *0.97* | |
| | | *For >100 To 250, Add* | *0.48* | |
| | | *For >250 To 500, Add* | *0.21* | |
| 09 97 13 24-0083 | SF | Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat | 1.71 | |
| | | *For Up To 100, Add* | *0.87* | |
| | | *For >100 To 250, Add* | *0.43* | |
| | | *For >250 To 500, Add* | *0.19* | |
| 09 97 13 24-0084 | SF | Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat | 2.75 | |
| | | *For Up To 100, Add* | *1.65* | |
| | | *For >100 To 250, Add* | *0.79* | |
| | | *For >250 To 500, Add* | *0.34* | |

## 09 97 13 24-0085 Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior *(09 97 13 24-0022)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 09 97 13 24-0086 | SF | Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats | 4.04 | |
| | | *For Up To 100, Add* | *2.25* | |
| | | *For >100 To 250, Add* | *1.09* | |
| | | *For >250 To 500, Add* | *0.48* | |
| 09 97 13 24-0087 | SF | Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats | 2.56 | |
| | | *For Up To 100, Add* | *1.21* | |
| | | *For >100 To 250, Add* | *0.60* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 09 97 13 24-0088 | | One 3 Mil High Zinc Silicate Coat For Tanks *(09 97 13 24-0022)* | | |
| 09 97 13 24-0089 | SF | Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat | 1.24 | |
| | | *For Up To 100, Add* | *0.51* | |
| | | *For >100 To 250, Add* | *0.26* | |
| | | *For >250 To 500, Add* | *0.12* | |
| 09 97 13 24-0090 | SF | Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat | 1.22 | |
| | | *For Up To 100, Add* | *0.50* | |
| | | *For >100 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.11* | |
| 09 97 13 24-0091 | SF | Spray Tank Interior One 3 Mil High Zinc Silicate Coat | 1.86 | |
| | | *For Up To 100, Add* | *0.98* | |
| | | *For >100 To 250, Add* | *0.48* | |
| | | *For >250 To 500, Add* | *0.21* | |
| 09 97 13 24-0092 | | Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks *(09 97 13 24-0022)* | | |
| | | Note: Installed over existing primer. | | |
| 09 97 13 24-0093 | SF | Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats | 1.97 | |
| | | *For Up To 100, Add* | *0.99* | |
| | | *For >100 To 250, Add* | *0.49* | |
| | | *For >250 To 500, Add* | *0.21* | |
| 09 97 13 24-0094 | SF | Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats | 1.77 | |
| | | *For Up To 100, Add* | *0.84* | |
| | | *For >100 To 250, Add* | *0.42* | |
| | | *For >250 To 500, Add* | *0.18* | |
| 09 97 13 24-0095 | SF | Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats | 2.67 | |
| | | *For Up To 100, Add* | *1.52* | |
| | | *For >100 To 250, Add* | *0.73* | |
| | | *For >250 To 500, Add* | *0.32* | |
| 09 97 13 24-0096 | | One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks *(09 97 13 24-0022)* | | |
| 09 97 13 24-0097 | SF | Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat | 6.88 | |
| | | *For Up To 100, Add* | *4.16* | |
| | | *For >100 To 250, Add* | *1.99* | |
| | | *For >250 To 500, Add* | *0.87* | |
| **09 97 26** | | **Cementitious Coatings** *(09 97)* | | |
| **09 97 26 13** | | **Interior Cementitious Coatings** *(09 97 26)* | | |
| 09 97 26 13-0001 | | Ceramic-Like Glazed Coating *(09 97 26 13)* | | |
| 09 97 26 13-0002 | | Ceramic-Like Glazed Coating, Cementitious *(09 97 26 13-0001)* | | |
| 09 97 26 13-0003 | SF | Ceramic-like Glazed Coating. - Cementitious | 2.13 | |
| 09 97 26 13-0004 | | Ceramic-Like Glazed Coating, Resin Base *(09 97 26 13-0001)* | | |
| 09 97 26 13-0005 | SF | Ceramic-like Glazed Coating - Resin | 1.76 | |
| **09 97 35** | | **Dry Erase Coatings** *(09 97)* | | |
| 09 97 35 00-0001 | | Dry-Erase Paint *(09 97 35)* | | |
| 09 97 35 00-0002 | | Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)* | | |
| 09 97 35 00-0003 | SF | Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller | 10.30 | |
| | | Note: Includes two coats of primer and white, white sand, light beige or light gray surface. | | |
| 09 97 35 00-0004 | | Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)* | | |
| 09 97 35 00-0005 | SF | Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller | 5.83 | |
| | | Note: For application over existing latex-based top coats. | | |
| 09 97 35 00-0006 | SF | Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller | 11.07 | |
| | | Note: Includes two coats of primer and white or black surface coat. | | |
| **09 97 63** | | **Special Coatings and Protection Systems** *(09 97)* | | |
| 09 97 63 00-0001 | | Acrylic Glazed Coating *(09 97 63)* | | |
| 09 97 63 00-0002 | SF | Acrylic Glazed Coating | 1.36 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

**END OF SECTION 09**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 10 Specialties

## 10 01 Operation and Maintenance of Specialties *(10)*

### 10 01 40 Operation and Maintenance of Safety Specialties *(10 01)*

10 01 40 00-0001 Recharge Existing Portable Fire Extinguishers *(10 01 40)*
Note: Includes removal, filling, testing, certification and reinstallation.

10 01 40 00-0002 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 01 40 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 01 40 00-0003 | EA | Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher | 15.63 | |
| 10 01 40 00-0004 | EA | Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher | 17.37 | |
| 10 01 40 00-0005 | EA | Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher | 18.07 | |
| 10 01 40 00-0006 | EA | Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher | 20.45 | |
| 10 01 40 00-0007 | EA | Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher | 23.62 | |

10 01 40 00-0008 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 01 40 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 01 40 00-0009 | EA | Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher | 18.86 | |
| 10 01 40 00-0010 | EA | Recharge 5 LB Dry Chemical Portable Fire Extinguisher | 22.83 | |
| 10 01 40 00-0011 | EA | Recharge 10 LB Dry Chemical Portable Fire Extinguisher | 32.26 | |
| 10 01 40 00-0012 | EA | Recharge 20 LB Dry Chemical Portable Fire Extinguisher | 50.92 | |

10 01 40 00-0013 Recharge Other Portable Fire Extinguishers *(10 01 40 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 01 40 00-0014 | EA | Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher | 18.66 | |
| 10 01 40 00-0015 | EA | Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher | 133.01 | |
| 10 01 40 00-0016 | EA | Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher | 186.21 | |
| 10 01 40 00-0017 | EA | Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher | 76.66 | |

### 10 01 50 Operation and Maintenance of Storage Specialties *(10 01)*

**10 01 50 11 Operation and Maintenance of Storage Specialties *(10 01 50)***

10 01 50 11-0001 Locker Repair And Refinishing *(10 01 50 11)*

| | | | | |
|---|---|---|---|---|
| 10 01 50 11-0002 | EA | Removal And Replacement Of Single Tier Locker Door | 343.70 | |
| 10 01 50 11-0003 | EA | Removal And Replacement Of Two Tier Locker Door | 269.69 | |
| 10 01 50 11-0004 | EA | Removal And Replacement Of Three Tier Locker Door | 229.70 | |
| 10 01 50 11-0005 | EA | Removal And Replacement Of Four Tier Locker Door | 192.38 | |
| 10 01 50 11-0006 | EA | Removal And Replacement Of Six Tier Or Sixteen Person Locker Door | 99.49 | |
| 10 01 50 11-0007 | EA | Realign Metal Locker Door For Proper Closure | 34.39 | |
| 10 01 50 11-0008 | EA | Patch Small Drill Holes in Locker | 6.88 | |

## 10 10 Information Specialties *(10)*

### 10 11 Visual Display Units *(10 10)*

**10 11 13 Chalkboards *(10 11)***

**10 11 13 13 Fixed Chalkboards *(10 11 13)***
Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

10 11 13 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

| | | | | |
|---|---|---|---|---|
| 10 11 13 13-0003 | SF | Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 38.66 | 7.31 |
| 10 11 13 13-0004 | SF | >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 24.74 | 3.43 |
| 10 11 13 13-0005 | SF | >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 21.38 | 2.97 |
| 10 11 13 13-0006 | SF | >16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 17.75 | 1.94 |
| 10 11 13 13-0007 | SF | >24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 14.86 | 1.07 |

10 11 13 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)*
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

| | | | | |
|---|---|---|---|---|
| 10 11 13 13-0009 | SF | Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 40.89 | 7.31 |
| 10 11 13 13-0010 | SF | >6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 26.92 | 3.43 |
| 10 11 13 13-0011 | SF | >12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 23.38 | 2.97 |
| 10 11 13 13-0012 | SF | >16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 20.18 | 1.94 |
| 10 11 13 13-0013 | SF | >24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard | 17.24 | 1.07 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 11 13 13-0014 | | 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)* | | |
| | | Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware. | | |
| 10 11 13 13-0015 | SF | Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard | 37.28 | 7.31 |
| 10 11 13 13-0016 | SF | >6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard | 23.33 | 3.43 |
| 10 11 13 13-0017 | SF | >12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard | 20.03 | 2.97 |
| 10 11 13 13-0018 | SF | >16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard | 16.63 | 1.94 |
| 10 11 13 13-0019 | SF | >24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard | 13.61 | 1.07 |
| 10 11 13 13-0020 | | Field Applied Chalkboard And Accessories *(10 11 13 13)* | | |
| 10 11 13 13-0021 | | Chalkboard Face Sheets And Panels *(10 11 13 13-0020)* | | |
| 10 11 13 13-0022 | SF | Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite) | 12.85 | 3.43 |
| | | Note: Includes porcelain enamel steel chalkboard skin. | | |
| 10 11 13 13-0023 | SF | Porcelain Enamel Steel Chalkboard Panel (Claridge VIT) | 15.34 | 3.43 |
| | | Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back. | | |
| 10 11 13 13-0024 | | Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0020)* | | |
| 10 11 13 13-0025 | LF | Chalk And Marker Tray, Field Applied | 18.68 | 4.72 |
| 10 11 13 13-0026 | PR | Chalk And Marker Tray End Closures, Field Applied | 23.25 | 8.59 |
| 10 11 13 13-0027 | LF | Mullion Trim For Chalkboards And Markerboards, Field Applied | 13.20 | 4.72 |
| 10 11 13 13-0028 | LF | Screw On Trim For Chalkboards And Markerboards, Field Applied | 12.90 | 4.72 |
| 10 11 13 13-0029 | LF | 1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied | 13.74 | 4.72 |
| 10 11 13 13-0030 | LF | 1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied | 15.35 | 4.72 |
| 10 11 13 13-0031 | LF | No Leg Map Rail For Chalkboards And Markerboards, Field Applied | 13.74 | 4.72 |
| 10 11 13 13-0032 | | Removal And Reinstallation Of Chalkboards *(10 11 13 13)* | | |
| | | Note: Includes storage and cleaning. | | |
| 10 11 13 13-0033 | SF | Removal And Reinstallation Of Chalkboard | 8.99 | |
| **10 11 13 33** | | **Rail-Mounted Chalkboards** *(10 11 13)* | | |
| 10 11 13 33-0001 | | Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)* | | |
| 10 11 13 33-0002 | | Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)* | | |
| 10 11 13 33-0003 | EA | 4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 1,783.46 | 85.89 |
| 10 11 13 33-0004 | EA | 4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 2,002.48 | 85.89 |
| 10 11 13 33-0005 | EA | 4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 2,268.12 | 91.47 |
| 10 11 13 33-0006 | EA | 4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 2,522.58 | 91.47 |
| 10 11 13 33-0007 | EA | 4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 3,143.61 | 98.34 |
| 10 11 13 33-0008 | EA | 4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 3,346.59 | 98.34 |
| 10 11 13 33-0009 | EA | 4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 3,781.41 | 103.06 |
| 10 11 13 33-0010 | EA | 4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 4,285.28 | 103.06 |
| 10 11 13 33-0011 | | Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)* | | |
| 10 11 13 33-0012 | EA | 4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 2,436.76 | 85.89 |
| 10 11 13 33-0013 | EA | 4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 2,890.43 | 85.89 |
| 10 11 13 33-0014 | EA | 4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 3,308.00 | 91.47 |
| 10 11 13 33-0015 | EA | 4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 3,724.52 | 91.47 |
| 10 11 13 33-0016 | EA | 4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 4,245.95 | 98.34 |
| 10 11 13 33-0017 | EA | 4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 4,429.52 | 98.34 |
| 10 11 13 33-0018 | EA | 4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 5,194.37 | 103.06 |
| 10 11 13 33-0019 | EA | 4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 5,807.12 | 103.06 |
| 10 11 13 33-0020 | | Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)* | | |
| 10 11 13 33-0021 | EA | 4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 2,715.30 | 85.89 |
| 10 11 13 33-0022 | EA | 4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 3,086.25 | 85.89 |
| 10 11 13 33-0023 | EA | 4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 3,487.78 | 91.47 |
| 10 11 13 33-0024 | EA | 4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 3,913.59 | 91.47 |
| 10 11 13 33-0025 | EA | 4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 4,738.88 | 98.34 |
| 10 11 13 33-0026 | EA | 4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 4,934.26 | 98.34 |
| 10 11 13 33-0027 | EA | 4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 5,826.57 | 103.06 |
| 10 11 13 33-0028 | EA | 4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard | 6,504.79 | 103.06 |
| 10 11 13 33-0029 | | Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) *(10 11 13 33)* | | |
| 10 11 13 33-0030 | | One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)* | | |
| 10 11 13 33-0031 | EA | 8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 2,131.62 | 85.89 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 11 13 33-0032 | EA | 8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 2,352.32 | 85.89 |
| 10 11 13 33-0033 | EA | 8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 2,572.38 | 91.47 |
| 10 11 13 33-0034 | EA | 8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 2,955.55 | 91.47 |
| 10 11 13 33-0035 | EA | 8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 3,237.67 | 98.34 |
| 10 11 13 33-0036 | EA | 8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 3,591.30 | 98.34 |
| 10 11 13 33-0037 | | Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)* | | |
| 10 11 13 33-0038 | EA | 8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 3,125.85 | 85.89 |
| 10 11 13 33-0039 | EA | 8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 3,468.51 | 85.89 |
| 10 11 13 33-0040 | EA | 8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 3,812.21 | 91.47 |
| 10 11 13 33-0041 | EA | 8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 4,442.65 | 91.47 |
| 10 11 13 33-0042 | EA | 8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 4,835.31 | 98.34 |
| 10 11 13 33-0043 | EA | 8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 5,407.51 | 98.34 |
| 10 11 13 33-0044 | | Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)* | | |
| 10 11 13 33-0045 | EA | 8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 4,267.80 | 85.89 |
| 10 11 13 33-0046 | EA | 8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 4,734.94 | 85.89 |
| 10 11 13 33-0047 | EA | 8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 5,203.11 | 91.47 |
| 10 11 13 33-0048 | EA | 8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 6,079.99 | 91.47 |
| 10 11 13 33-0049 | EA | 8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 6,593.31 | 98.34 |
| 10 11 13 33-0050 | EA | 8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard | 7,399.29 | 98.34 |
| 10 11 13 33-0051 | | Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) *(10 11 13 33)* Note: Excludes remotes. | | |
| 10 11 13 33-0052 | | One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)* | | |
| 10 11 13 33-0053 | EA | 10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 6,846.54 | 171.78 |
| 10 11 13 33-0054 | EA | 10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 7,042.02 | 171.78 |
| 10 11 13 33-0055 | EA | 10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 7,260.05 | 177.15 |
| 10 11 13 33-0056 | EA | 10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 7,618.10 | 177.15 |
| 10 11 13 33-0057 | EA | 10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 8,013.90 | 182.51 |
| 10 11 13 33-0058 | EA | 10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 8,359.29 | 182.51 |
| 10 11 13 33-0059 | EA | 10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 9,111.04 | 193.25 |
| 10 11 13 33-0060 | EA | 10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 9,206.59 | 193.25 |
| 10 11 13 33-0061 | | Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)* | | |
| 10 11 13 33-0062 | EA | 10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 10,768.38 | 171.78 |
| 10 11 13 33-0063 | EA | 10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 11,026.83 | 171.78 |
| 10 11 13 33-0064 | EA | 10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 11,315.42 | 177.15 |
| 10 11 13 33-0065 | EA | 10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 11,841.61 | 177.15 |
| 10 11 13 33-0066 | EA | 10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 12,365.03 | 182.51 |
| 10 11 13 33-0067 | EA | 10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 12,865.05 | 182.51 |
| 10 11 13 33-0068 | EA | 10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 13,880.32 | 193.25 |
| 10 11 13 33-0069 | EA | 10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 14,031.74 | 193.25 |
| 10 11 13 33-0070 | | Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)* | | |
| 10 11 13 33-0071 | EA | 10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 13,988.80 | 171.78 |
| 10 11 13 33-0072 | EA | 10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 14,641.09 | 171.78 |
| 10 11 13 33-0073 | EA | 10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 14,986.75 | 177.15 |
| 10 11 13 33-0074 | EA | 10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 15,670.94 | 177.15 |
| 10 11 13 33-0075 | EA | 10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 16,390.35 | 182.51 |
| 10 11 13 33-0076 | EA | 10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 17,082.14 | 182.51 |
| 10 11 13 33-0077 | EA | 10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 18,447.02 | 193.25 |
| 10 11 13 33-0078 | EA | 10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard | 18,713.41 | 193.25 |
| 10 11 13 33-0079 | | Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)* | | |
| 10 11 13 33-0080 | EA | One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard | 514.18 | |
| 10 11 13 33-0081 | EA | Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard | 877.97 | |

## 10 11 16 Markerboards *(10 11)*

### 10 11 16 13 Fixed Markerboards *(10 11 16)*

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards *(10 11 16 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 11 16 13-0002** | | **5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series)** *(10 11 16 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware. | | |
| 10 11 16 13-0003 | SF | Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 38.80 | 7.31 |
| 10 11 16 13-0004 | SF | >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 25.23 | 3.43 |
| 10 11 16 13-0005 | SF | >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 21.38 | 2.97 |
| 10 11 16 13-0006 | SF | >16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 17.93 | 1.94 |
| 10 11 16 13-0007 | SF | >24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 14.67 | 1.07 |
| **10 11 16 13-0008** | | **1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series)** *(10 11 16 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware. | | |
| 10 11 16 13-0009 | SF | Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 40.92 | 7.31 |
| 10 11 16 13-0010 | SF | >6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 25.86 | 3.43 |
| 10 11 16 13-0011 | SF | >12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 22.33 | 2.97 |
| 10 11 16 13-0012 | SF | >16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 19.12 | 1.94 |
| 10 11 16 13-0013 | SF | >24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard | 16.62 | 1.07 |
| **10 11 16 13-0014** | | **1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series)** *(10 11 16 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware. | | |
| 10 11 16 13-0015 | SF | Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard | 37.26 | 7.31 |
| 10 11 16 13-0016 | SF | >6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard | 23.34 | 3.43 |
| 10 11 16 13-0017 | SF | >12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard | 21.06 | 2.97 |
| 10 11 16 13-0018 | SF | >16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard | 16.73 | 1.94 |
| 10 11 16 13-0019 | SF | >24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard | 13.37 | 1.07 |
| **10 11 16 13-0020** | | **Melamine Markerboards** *(10 11 16 13)* | | |
| **10 11 16 13-0021** | | **1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series)** *(10 11 16 13-0020)* Note: Includes full length map rail, map hooks, marker tray and mounting hardware. | | |
| 10 11 16 13-0022 | SF | Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard | 30.78 | 7.31 |
| 10 11 16 13-0023 | SF | >6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard | 18.87 | 3.43 |
| 10 11 16 13-0024 | SF | >12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard | 16.37 | 2.97 |
| 10 11 16 13-0025 | SF | >16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard | 12.30 | 1.94 |
| 10 11 16 13-0026 | SF | >24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard | 9.99 | 1.07 |
| **10 11 16 13-0027** | | **1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series)** *(10 11 16 13-0020)* Note: Includes marker tray and mounting hardware. | | |
| 10 11 16 13-0028 | SF | Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard | 30.06 | 7.31 |
| 10 11 16 13-0029 | SF | >6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard | 18.53 | 3.43 |
| 10 11 16 13-0030 | SF | >12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard | 15.89 | 2.97 |
| 10 11 16 13-0031 | SF | >16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard | 11.46 | 1.94 |
| 10 11 16 13-0032 | SF | >24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard | 9.22 | 1.07 |
| **10 11 16 13-0033** | | **Nonporous, Non-Staining Markerboards** *(10 11 16 13)* | | |
| **10 11 16 13-0034** | | **5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series)** *(10 11 16 13-0033)* Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware. | | |
| 10 11 16 13-0035 | SF | Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 45.61 | 7.31 |
| | | *For Magnetic Surface, Add* | *3.10* | |
| 10 11 16 13-0036 | SF | >6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 30.47 | 3.43 |
| | | *For Magnetic Surface, Add* | *2.36* | |
| 10 11 16 13-0037 | SF | >12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 26.27 | 2.97 |
| | | *For Magnetic Surface, Add* | *2.04* | |
| 10 11 16 13-0038 | SF | >16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 23.41 | 1.94 |
| | | *For Magnetic Surface, Add* | *1.96* | |
| 10 11 16 13-0039 | SF | >24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 20.38 | 1.07 |
| | | *For Magnetic Surface, Add* | *1.82* | |
| **10 11 16 13-0040** | | **1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series)** *(10 11 16 13-0033)* Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware. | | |
| 10 11 16 13-0041 | SF | Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 45.61 | 7.31 |
| | | *For Magnetic Surface, Add* | *3.10* | |
| 10 11 16 13-0042 | SF | >6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 30.47 | 3.43 |
| | | *For Magnetic Surface, Add* | *2.36* | |
| 10 11 16 13-0043 | SF | >12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 26.27 | 2.97 |
| | | *For Magnetic Surface, Add* | *2.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 11 16 13-0044 | SF | >16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 23.41 | 1.94 |
| | | *For Magnetic Surface, Add* | *1.96* | |
| 10 11 16 13-0045 | SF | >24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard | 20.38 | 1.07 |
| | | *For Magnetic Surface, Add* | *1.82* | |
| 10 11 16 13-0046 | | 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)* | | |
| | | Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware. | | |
| 10 11 16 13-0047 | SF | Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard | 84.04 | 7.31 |
| | | *For Magnetic Surface, Add* | *6.94* | |
| 10 11 16 13-0048 | SF | >6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard | 53.56 | 3.43 |
| | | *For Magnetic Surface, Add* | *4.67* | |
| 10 11 16 13-0049 | SF | >12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard | 45.23 | 2.97 |
| | | *For Magnetic Surface, Add* | *3.93* | |
| 10 11 16 13-0050 | SF | >16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard | 38.41 | 1.94 |
| | | *For Magnetic Surface, Add* | *3.46* | |
| 10 11 16 13-0051 | SF | >24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard | 29.96 | 1.07 |
| | | *For Magnetic Surface, Add* | *2.78* | |
| 10 11 16 13-0052 | | Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)* | | |
| | | Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing. | | |
| 10 11 16 13-0053 | SF | Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing | 20.58 | 2.97 |
| 10 11 16 13-0054 | SF | >16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing | 17.76 | 1.94 |
| 10 11 16 13-0055 | SF | >24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing | 15.11 | 1.07 |
| 10 11 16 13-0056 | | Removal And Reinstallation Of Markerboard *(10 11 16 13)* | | |
| | | Note: Includes storage and cleaning. | | |
| 10 11 16 13-0057 | EA | Up To 6 SF, Removal And Reinstallation Of Markerboard | 51.53 | |
| 10 11 16 13-0058 | EA | >6 To 12 SF, Removal And Reinstallation Of Markerboard | 60.12 | |
| 10 11 16 13-0059 | EA | >12 To 16 SF, Removal And Reinstallation Of Markerboard | 68.72 | |
| 10 11 16 13-0060 | EA | >16 To 24 SF, Removal And Reinstallation Of Markerboard | 77.30 | |
| 10 11 16 13-0061 | EA | >24 SF, Removal And Reinstallation Of Markerboard | 85.89 | |
| 10 11 16 13-0062 | | Field Applied Markerboard And Accessories *(10 11 16 13)* | | |
| 10 11 16 13-0063 | | Markerboard Face Sheets And Panels *(10 11 16 13-0062)* | | |
| 10 11 16 13-0064 | SF | Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) | 12.65 | 3.43 |
| | | Note: Includes porcelain enamel steel markerboard skin backed with double sided tape. | | |
| 10 11 16 13-0065 | SF | Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) | 14.88 | 3.43 |
| | | Note: Includes porcelain enamel steel markerboard skin backed with double sided tape. | | |
| 10 11 16 13-0066 | SF | Porcelain Enamel Steel Markerboard Panel (Claridge LCS) | 14.83 | 3.43 |
| | | Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back. | | |
| 10 11 16 13-0067 | SF | Melamine Markerboard Panel (Claridge 1032) | 8.62 | 3.43 |
| | | Note: Includes 1/4" thick melamine panel. | | |
| 10 11 16 13-0068 | | Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)* | | |
| | | See CSI section 10 11 13 13-0024 for chalkboard and markerboard accessory trays and trim. | | |
| **10 11 16 33** | | **Rail-Mounted Markerboards** *(10 11 16)* | | |
| 10 11 16 33-0001 | | Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)* | | |
| 10 11 16 33-0002 | | Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)* | | |
| 10 11 16 33-0003 | EA | 4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 1,761.99 | 85.89 |
| 10 11 16 33-0004 | EA | 4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 1,973.85 | 85.89 |
| 10 11 16 33-0005 | EA | 4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 2,232.33 | 91.47 |
| 10 11 16 33-0006 | EA | 4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 2,479.64 | 91.47 |
| 10 11 16 33-0007 | EA | 4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 3,093.50 | 98.34 |
| 10 11 16 33-0008 | EA | 4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 3,289.33 | 98.34 |
| 10 11 16 33-0009 | EA | 4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 3,709.83 | 103.06 |
| 10 11 16 33-0010 | EA | 4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 4,199.39 | 103.06 |
| 10 11 16 33-0011 | | Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)* | | |
| 10 11 16 33-0012 | EA | 4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 2,415.29 | 85.89 |
| 10 11 16 33-0013 | EA | 4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 2,861.80 | 85.89 |
| 10 11 16 33-0014 | EA | 4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 3,272.21 | 91.47 |
| 10 11 16 33-0015 | EA | 4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 3,681.58 | 91.47 |
| 10 11 16 33-0016 | EA | 4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 4,195.85 | 98.34 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 11 16 33-0017 | EA | 4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 4,372.25 | 98.34 |
| 10 11 16 33-0018 | EA | 4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 5,122.79 | 103.06 |
| 10 11 16 33-0019 | EA | 4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 5,721.23 | 103.06 |
| 10 11 16 33-0020 | | Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)* | | |
| 10 11 16 33-0021 | EA | 4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 2,693.83 | 85.89 |
| 10 11 16 33-0022 | EA | 4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 3,057.62 | 85.89 |
| 10 11 16 33-0023 | EA | 4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 3,451.99 | 91.47 |
| 10 11 16 33-0024 | EA | 4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 3,870.65 | 91.47 |
| 10 11 16 33-0025 | EA | 4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 4,688.78 | 98.34 |
| 10 11 16 33-0026 | EA | 4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 4,877.00 | 98.34 |
| 10 11 16 33-0027 | EA | 4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 5,754.99 | 103.06 |
| 10 11 16 33-0028 | EA | 4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard | 6,440.37 | 103.06 |
| 10 11 16 33-0029 | | Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) *(10 11 16 33)* | | |
| 10 11 16 33-0030 | | One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)* | | |
| 10 11 16 33-0031 | EA | 8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard | 2,102.99 | 85.89 |
| 10 11 16 33-0032 | EA | 8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard | 2,316.54 | 85.89 |
| 10 11 16 33-0033 | EA | 8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard | 2,529.44 | 91.47 |
| 10 11 16 33-0034 | EA | 8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard | 2,898.29 | 91.47 |
| 10 11 16 33-0035 | EA | 8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard | 3,166.09 | 98.34 |
| 10 11 16 33-0036 | EA | 8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard | 3,505.41 | 98.34 |
| 10 11 16 33-0037 | | Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)* | | |
| 10 11 16 33-0038 | EA | 8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 3,068.59 | 85.89 |
| 10 11 16 33-0039 | EA | 8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 3,396.93 | 85.89 |
| 10 11 16 33-0040 | EA | 8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 3,726.31 | 91.47 |
| 10 11 16 33-0041 | EA | 8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 4,328.13 | 91.47 |
| 10 11 16 33-0042 | EA | 8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 4,692.15 | 98.34 |
| 10 11 16 33-0043 | EA | 8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 5,235.73 | 98.34 |
| 10 11 16 33-0044 | | Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)* | | |
| 10 11 16 33-0045 | EA | 8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 4,181.91 | 85.89 |
| 10 11 16 33-0046 | EA | 8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 4,627.57 | 85.89 |
| 10 11 16 33-0047 | EA | 8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 5,074.28 | 91.47 |
| 10 11 16 33-0048 | EA | 8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 5,908.21 | 91.47 |
| 10 11 16 33-0049 | EA | 8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 6,378.59 | 98.34 |
| 10 11 16 33-0050 | EA | 8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard | 7,141.62 | 98.34 |
| 10 11 16 33-0051 | | Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) *(10 11 16 33)* Note: Excludes remotes. | | |
| 10 11 16 33-0052 | | One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)* | | |
| 10 11 16 33-0053 | EA | 10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 6,810.75 | 171.78 |
| 10 11 16 33-0054 | EA | 10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 6,997.28 | 171.78 |
| 10 11 16 33-0055 | EA | 10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 7,206.37 | 177.15 |
| 10 11 16 33-0056 | EA | 10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 7,546.53 | 177.15 |
| 10 11 16 33-0057 | EA | 10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 7,924.43 | 182.51 |
| 10 11 16 33-0058 | EA | 10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 8,251.93 | 182.51 |
| 10 11 16 33-0059 | EA | 10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 8,985.78 | 193.25 |
| 10 11 16 33-0060 | EA | 10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 9,063.44 | 193.25 |
| 10 11 16 33-0061 | | Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)* | | |
| 10 11 16 33-0062 | EA | 10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 10,696.80 | 171.78 |
| 10 11 16 33-0063 | EA | 10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 10,937.36 | 171.78 |
| 10 11 16 33-0064 | EA | 10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 11,208.06 | 177.15 |
| 10 11 16 33-0065 | EA | 10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 11,698.46 | 177.15 |
| 10 11 16 33-0066 | EA | 10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 12,186.09 | 182.51 |
| 10 11 16 33-0067 | EA | 10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 12,650.32 | 182.51 |
| 10 11 16 33-0068 | EA | 10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 13,629.80 | 193.25 |
| 10 11 16 33-0069 | EA | 10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 13,745.44 | 193.25 |
| 10 11 16 33-0070 | | Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)* | | |
| 10 11 16 33-0071 | EA | 10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 13,881.44 | 171.78 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 11 16 33-0072 | EA | 10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 14,506.89 | 171.78 |
| 10 11 16 33-0073 | EA | 10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 14,825.70 | 177.15 |
| 10 11 16 33-0074 | EA | 10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 15,456.21 | 177.15 |
| 10 11 16 33-0075 | EA | 10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 16,121.94 | 182.51 |
| 10 11 16 33-0076 | EA | 10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 16,760.05 | 182.51 |
| 10 11 16 33-0077 | EA | 10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 18,071.25 | 193.25 |
| 10 11 16 33-0078 | EA | 10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard | 18,283.95 | 193.25 |

10 11 16 33-0079 Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)*
See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.

## 10 11 23 Tackboards *(10 11)*

### 10 11 23 13 Fixed Tackboards *(10 11 23)*

Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.

10 11 23 13-0001 Fixed Tackboards *(10 11 23 13)*
Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.

10 11 23 13-0002 Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*
Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.

10 11 23 13-0003 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 10 11 23 13-0004 | SF | Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 25.92 | 7.31 |
| 10 11 23 13-0005 | SF | >6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 14.75 | 3.43 |
| 10 11 23 13-0006 | SF | >12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 12.78 | 2.97 |
| 10 11 23 13-0007 | SF | >16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 10.19 | 1.94 |
| 10 11 23 13-0008 | SF | >24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 8.32 | 1.07 |

10 11 23 13-0009 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 10 11 23 13-0010 | SF | Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 27.26 | 7.31 |
| 10 11 23 13-0011 | SF | >6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 15.37 | 3.43 |
| 10 11 23 13-0012 | SF | >12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 12.46 | 2.97 |
| 10 11 23 13-0013 | SF | >16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 9.70 | 1.94 |
| 10 11 23 13-0014 | SF | >24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard | 7.55 | 1.07 |

10 11 23 13-0015 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*

| | | | | |
|---|---|---|---|---|
| 10 11 23 13-0016 | SF | Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard | 27.40 | 7.31 |
| 10 11 23 13-0017 | SF | >6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard | 16.67 | 3.43 |
| 10 11 23 13-0018 | SF | >12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard | 15.42 | 2.97 |
| 10 11 23 13-0019 | SF | >16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard | 11.84 | 1.94 |
| 10 11 23 13-0020 | SF | >24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard | 9.35 | 1.07 |

10 11 23 13-0021 Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*
Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.

10 11 23 13-0022 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*

| | | | | |
|---|---|---|---|---|
| 10 11 23 13-0023 | SF | Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard | 29.79 | 7.31 |
| 10 11 23 13-0024 | SF | >6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard | 19.39 | 3.43 |
| 10 11 23 13-0025 | SF | >12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard | 17.68 | 2.97 |
| 10 11 23 13-0026 | SF | >16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard | 15.11 | 1.94 |
| 10 11 23 13-0027 | SF | >24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard | 13.33 | 1.07 |

10 11 23 13-0028 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*

| | | | | |
|---|---|---|---|---|
| 10 11 23 13-0029 | SF | Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard | 33.03 | 7.31 |
| 10 11 23 13-0030 | SF | >6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard | 22.85 | 3.43 |
| 10 11 23 13-0031 | SF | >12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard | 21.17 | 2.97 |
| 10 11 23 13-0032 | SF | >16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard | 17.65 | 1.94 |
| 10 11 23 13-0033 | SF | >24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard | 15.18 | 1.07 |

10 11 23 13-0034 Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)*
Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.

10 11 23 13-0035 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*

| | | | | |
|---|---|---|---|---|
| 10 11 23 13-0036 | SF | Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard | 26.84 | 7.31 |
| 10 11 23 13-0037 | SF | >6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard | 15.87 | 3.43 |
| 10 11 23 13-0038 | SF | >12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard | 14.04 | 2.97 |
| 10 11 23 13-0039 | SF | >16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard | 11.49 | 1.94 |
| 10 11 23 13-0040 | SF | >24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard | 9.48 | 1.07 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 11 23 13-0041 | | 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)* | | |
| 10 11 23 13-0042 | SF | Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard | 28.67 | 7.31 |
| 10 11 23 13-0043 | SF | >6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard | 18.25 | 3.43 |
| 10 11 23 13-0044 | SF | >12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard | 16.89 | 2.97 |
| 10 11 23 13-0045 | SF | >16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard | 13.46 | 1.94 |
| 10 11 23 13-0046 | SF | >24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard | 11.04 | 1.07 |
| 10 11 23 13-0047 | | Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore. | | |
| 10 11 23 13-0048 | | 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)* | | |
| 10 11 23 13-0049 | SF | Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard | 25.92 | 7.31 |
| 10 11 23 13-0050 | SF | >6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard | 14.82 | 3.43 |
| 10 11 23 13-0051 | SF | >12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard | 12.88 | 2.97 |
| 10 11 23 13-0052 | SF | >16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard | 10.19 | 1.94 |
| 10 11 23 13-0053 | SF | >24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard | 8.16 | 1.07 |
| 10 11 23 13-0054 | | 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)* | | |
| 10 11 23 13-0055 | SF | Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard | 27.40 | 7.31 |
| 10 11 23 13-0056 | SF | >6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard | 17.32 | 3.43 |
| 10 11 23 13-0057 | SF | >12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard | 15.42 | 2.97 |
| 10 11 23 13-0058 | SF | >16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard | 11.84 | 1.94 |
| 10 11 23 13-0059 | SF | 4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard | 9.35 | 1.07 |
| **10 12 Display Cases** *(10 10)* | | | | |
| 10 12 00 00-0001 | | Counter Display Cases *(10 12)* | | |
| 10 12 00 00-0002 | EA | 30" x 12" x 36" Counter Display Cases | 1,362.41 | 131.58 |
| 10 12 00 00-0003 | EA | 30" x 12" x 48" Counter Display Cases | 1,472.18 | 131.58 |
| 10 12 00 00-0004 | EA | 30" x 18" x 36" Counter Display Cases | 1,427.47 | 131.58 |
| 10 12 00 00-0005 | EA | 30" x 18" x 48" Counter Display Cases | 1,421.94 | 58.49 |
| 10 12 00 00-0006 | | Upright Display Case *(10 12)* | | |
| 10 12 00 00-0007 | EA | 72 In x 20 In x 70 In Upright Display Case | 2,851.49 | 131.58 |
| 10 12 00 00-0008 | | Full Vision Display Case *(10 12)* | | |
| 10 12 00 00-0009 | EA | 38 In x 20 In x 70 In Full Vision Display Case | 1,858.73 | 131.58 |
| **10 13 Directories** *(10 10)* | | | | |
| **10 13 11** | | **Directory and Bulletin Boards** *(10 13)* Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board. | | |
| 10 13 11 00-0001 | | Wall Mounted Directories *(10 13 11)* Note: Includes changeable letters. | | |
| 10 13 11 00-0002 | | Open Face, Wall Mounted Directories *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel. | | |
| 10 13 11 00-0003 | | Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 11 00-0002)* | | |
| 10 13 11 00-0004 | SF | Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory | 43.02 | 7.31 |
| 10 13 11 00-0005 | SF | >6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory | 28.18 | 3.43 |
| 10 13 11 00-0006 | SF | >12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory | 25.61 | 2.97 |
| 10 13 11 00-0007 | SF | >16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory | 19.58 | 1.94 |
| 10 13 11 00-0008 | SF | >24 SF, Wood Frame, Open Face, Wall Mounted Directory | 15.65 | 1.07 |
| 10 13 11 00-0009 | | Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 11 00-0002)* | | |
| 10 13 11 00-0010 | SF | Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory | 43.44 | 7.31 |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0011 | SF | >6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory | 28.46 | 3.43 |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0012 | SF | >12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory | 26.18 | 2.97 |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0013 | SF | >16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory | 18.67 | 1.94 |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0014 | SF | >24 SF, Aluminum Frame, Open Face, Wall Mounted Directory | 16.08 | 1.07 |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 13 11 00-0015 | | Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted. | | |
| 10 13 11 00-0016 | | Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)* | | |
| 10 13 11 00-0017 | | Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 11 00-0016)* | | |
| 10 13 11 00-0018 | SF | Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 106.46 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0019 | SF | >6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 85.44 | 3.43 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0020 | SF | >12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 71.55 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0021 | SF | >16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 66.29 | 1.94 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0022 | SF | >24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 59.97 | 1.07 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0023 | | Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 11 00-0016)* | | |
| 10 13 11 00-0024 | SF | Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 91.55 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0025 | SF | >12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 73.90 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0026 | SF | >16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 52.99 | 1.94 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0027 | SF | >24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet | 47.73 | 1.07 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0028 | | Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)* | | |
| 10 13 11 00-0029 | | Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)* | | |
| 10 13 11 00-0030 | SF | Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 95.28 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *16.14* | |
| 10 13 11 00-0031 | SF | >6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 73.84 | 3.43 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *13.39* | |
| 10 13 11 00-0032 | SF | >12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 62.48 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *11.31* | |
| 10 13 11 00-0033 | SF | >16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 45.93 | 1.94 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *8.41* | |
| 10 13 11 00-0034 | SF | >24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 42.88 | 1.07 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *8.15* | |
| 10 13 11 00-0035 | | Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)* | | |
| 10 13 11 00-0036 | SF | Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 146.91 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *26.46* | |
| 10 13 11 00-0037 | SF | >6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 85.38 | 3.43 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *15.70* | |
| 10 13 11 00-0038 | SF | >12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 71.93 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *13.20* | |
| 10 13 11 00-0039 | SF | >16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 55.46 | 1.94 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *10.32* | |
| 10 13 11 00-0040 | SF | >24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet | 51.32 | 1.07 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *9.83* | |
| 10 13 11 00-0041 | | Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 13 11 00-0042 | | Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0041)* | | |
| 10 13 11 00-0043 | | Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 11 00-0042)* | | |
| 10 13 11 00-0044 | SF | Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet | 144.30 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0045 | SF | >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet | 96.42 | 3.43 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0046 | SF | >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet | 93.70 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0047 | | Wall Mounted Bulletin Boards *(10 13 11)* | | |
| 10 13 11 00-0048 | | Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)* Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted. | | |
| 10 13 11 00-0049 | | Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)* | | |
| 10 13 11 00-0050 | | Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 11 00-0049)* | | |
| 10 13 11 00-0051 | SF | Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 103.93 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0052 | SF | >6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 83.54 | 3.43 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0053 | SF | >12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 69.65 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0054 | SF | >16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 64.49 | 1.94 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0055 | SF | >24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 59.12 | 1.07 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0056 | | Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 11 00-0049)* | | |
| 10 13 11 00-0057 | SF | Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 87.05 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0058 | SF | >12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 69.62 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0059 | SF | >16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 49.69 | 1.94 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0060 | SF | >24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 45.20 | 1.07 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| 10 13 11 00-0061 | | Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)* | | |
| 10 13 11 00-0062 | | Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)* | | |
| 10 13 11 00-0063 | SF | Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 97.60 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *16.60* | |
| 10 13 11 00-0064 | SF | >6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 76.15 | 3.43 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *13.86* | |
| 10 13 11 00-0065 | SF | >12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 64.79 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *11.77* | |
| 10 13 11 00-0066 | SF | >16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 48.24 | 1.94 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *8.88* | |
| 10 13 11 00-0067 | SF | >24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 45.20 | 1.07 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *8.61* | |
| 10 13 11 00-0068 | | Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)* | | |
| 10 13 11 00-0069 | SF | Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 149.23 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *26.93* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 13 11 00-0070 | SF | >6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 87.69 | 3.43 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *16.16* | |
| 10 13 11 00-0071 | SF | >12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 74.24 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *13.66* | |
| 10 13 11 00-0072 | SF | >16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 57.77 | 1.94 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *10.78* | |
| 10 13 11 00-0073 | SF | >24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet | 53.64 | 1.07 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| | | *For Header Panel, Add* | *10.30* | |

### 10 13 11 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

### 10 13 11 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0074)*

### 10 13 11 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0075)*

| | | | | |
|---|---|---|---|---|
| 10 13 11 00-0077 | SF | Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet | 141.99 | 7.31 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0078 | SF | >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet | 94.11 | 3.43 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |
| 10 13 11 00-0079 | SF | >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet | 91.41 | 2.97 |
| | | *For Fluorescent Lights, Add* | *15.00* | |
| | | *For Bronze Anodize Finish, Add* | *12.00* | |

## 10 14 Signage *(10 10)*

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0130 for terminations.

### 10 14 16 Plaques *(10 14)*

Note: Includes minimum 1/4" to 3/8" plaque with custom 1/4" raised lettering and emblem casting. Sizes one to four SF each.

### 10 14 16 00-0001 Metal Cased Plaque *(10 14 16)*

| | | | | |
|---|---|---|---|---|
| 10 14 16 00-0002 | SF | Bronze Cast Plaque With lettering Including Emblem Size 1-4 SF Each | 635.48 | 21.46 |
| | | *For >5 To 10, Deduct* | *-69.04* | |
| | | *For >10 Each, Deduct* | *-124.01* | |
| 10 14 16 00-0003 | SF | Aluminum Cast Plaque With lettering Including Emblem Size 1-4 SF Each | 323.34 | 21.46 |
| | | *For >5 To 10, Deduct* | *-34.71* | |
| | | *For >10 Each, Deduct* | *-58.46* | |

### 10 14 16 00-0004 Metal Engraved Plaque, Etched *(10 14 16)*

| | | | | |
|---|---|---|---|---|
| 10 14 16 00-0005 | SF | Porcelainized Steel Engraved Plaque Including Emblem Size 1-4 SF Each | 355.68 | 21.46 |
| | | *For >5 To 10, Deduct* | *-38.27* | |
| | | *For >10 Each, Deduct* | *-65.25* | |
| 10 14 16 00-0006 | SF | Stainless Steel Engraved Plaque Including Emblem Size 1-4 SF Each | 331.15 | 21.46 |
| | | *For >5 To 10, Deduct* | *-35.57* | |
| | | *For >10 Each, Deduct* | *-60.10* | |
| 10 14 16 00-0007 | SF | Brass Engraved Plaque Including Emblem Size 1-4 SF Each | 225.22 | 21.46 |
| | | *For >5 To 10, Deduct* | *-23.92* | |
| | | *For >10 Each, Deduct* | *-37.85* | |
| 10 14 16 00-0008 | SF | Aluminum Engraved Plaque Including Emblem Size 1-4 SF Each | 217.41 | 21.46 |
| | | *For >5 To 10, Deduct* | *-23.06* | |
| | | *For >10 Each, Deduct* | *-36.21* | |

### 10 14 16 00-0009 Metal Built-Up Plaque *(10 14 16)*

| | | | | |
|---|---|---|---|---|
| 10 14 16 00-0010 | SF | Bronze Built-up Plaque<br>Note: Including Emblem Size 1-4 SF Each | 460.18 | 26.61 |
| | | *For >5 To 10, Deduct* | *-49.55* | |
| | | *For >10 Each, Deduct* | *-84.83* | |
| 10 14 16 00-0011 | SF | Copper And Bronze Built-up Plaque<br>Note: Including Emblem Size 1-4 SF Each | 470.87 | 26.61 |
| | | *For >5 To 10, Deduct* | *-50.72* | |
| | | *For >10 Each, Deduct* | *-87.08* | |
| 10 14 16 00-0012 | SF | Copper And Aluminum Built-up Plaque<br>Note: Including Emblem Size 1-4 SF Each | 360.41 | 26.61 |
| | | *For >5 To 10, Deduct* | *-38.57* | |
| | | *For >10 Each, Deduct* | *-63.88* | |
| 10 14 16 00-0013 | SF | Bronze Built-up Dedication Plaque<br>Note: Including Raised Bronze Lettering | 544.01 | 53.65 |
| | | *For >5 To 10, Deduct* | *-58.77* | |
| | | *For >10 Each, Deduct* | *-102.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 16 00-0014 | SF | Bronze Built-up Plaque<br>Note: Including Raised Bronze Lettering | 454.88 | 53.65 |
| | | *For >5 To 10, Deduct* | *-48.96* | |
| | | *For >10 Each, Deduct* | *-83.72* | |

### 10 14 16 00-0015 Metal Nameplate Plaques *(10 14 16)*

| | | | | |
|---|---|---|---|---|
| 10 14 16 00-0016 | SF | Cast Bronze Nameplate Plaque Including Emblem Size 1-4 SF Each | 235.48 | 14.60 |
| | | *For >5 To 10, Deduct* | *-25.33* | |
| | | *For >10 Each, Deduct* | *-43.15* | |
| 10 14 16 00-0017 | SF | Cast Aluminum Nameplate Plaque Including Emblem Size 1-4 SF Each | 252.39 | 14.60 |
| | | *For >5 To 10, Deduct* | *-27.19* | |
| | | *For >10 Each, Deduct* | *-46.70* | |
| 10 14 16 00-0018 | EA | 1-1/2" x 6" Engraved Bronze Nameplate Including Emblem Size 1-4 SF Each | 164.19 | 14.60 |
| | | *For >5 To 10, Deduct* | *-17.49* | |
| | | *For >10 Each, Deduct* | *-28.18* | |
| 10 14 16 00-0019 | EA | 1-1/2" x 6" Engraved Aluminum Nameplate Including Emblem Size 1-4 SF Each | 124.16 | 14.60 |
| | | *For >5 To 10, Deduct* | *-13.09* | |
| | | *For >10 Each, Deduct* | *-19.78* | |
| 10 14 16 00-0020 | SF | Bronze Built-up Plaque Including Raised Bronze Lettering (3' x 9") | 442.14 | 53.65 |
| | | *For >5 To 10, Deduct* | *-47.56* | |
| | | *For >10 Each, Deduct* | *-81.05* | |

## 10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

### 10 14 19 00-0001 Cast Characters *(10 14 19)*

Note: Any font.

### 10 14 19 00-0002 Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0003 | EA | 2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 43.84 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-4.34* | |
| | | *For Clear Anodized, Add* | *2.24* | |
| | | *For Satin Face And Enameled Return, Add* | *6.71* | |
| | | *For Patina Finish, Add* | *8.95* | |
| | | *For Color Anodized, Add* | *11.19* | |
| 10 14 19 00-0004 | EA | 3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 52.45 | 5.80 |
| | | *For Installation With Adhesive, Deduct* | *-4.94* | |
| | | *For Clear Anodized, Add* | *2.93* | |
| | | *For Satin Face And Enameled Return, Add* | *8.78* | |
| | | *For Patina Finish, Add* | *11.71* | |
| | | *For Color Anodized, Add* | *14.64* | |
| 10 14 19 00-0005 | EA | 4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 57.61 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-5.37* | |
| | | *For Clear Anodized, Add* | *3.27* | |
| | | *For Satin Face And Enameled Return, Add* | *9.82* | |
| | | *For Patina Finish, Add* | *13.09* | |
| | | *For Color Anodized, Add* | *16.36* | |
| 10 14 19 00-0006 | EA | 5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 66.21 | 7.12 |
| | | *For Installation With Adhesive, Deduct* | *-6.14* | |
| | | *For Clear Anodized, Add* | *3.79* | |
| | | *For Satin Face And Enameled Return, Add* | *11.36* | |
| | | *For Patina Finish, Add* | *15.15* | |
| | | *For Color Anodized, Add* | *18.94* | |
| 10 14 19 00-0007 | EA | 6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 73.09 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-6.66* | |
| | | *For Clear Anodized, Add* | *4.31* | |
| | | *For Satin Face And Enameled Return, Add* | *12.92* | |
| | | *For Patina Finish, Add* | *17.22* | |
| | | *For Color Anodized, Add* | *21.53* | |
| 10 14 19 00-0008 | EA | 8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 87.72 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-7.82* | |
| | | *For Clear Anodized, Add* | *5.34* | |
| | | *For Satin Face And Enameled Return, Add* | *16.01* | |
| | | *For Patina Finish, Add* | *21.35* | |
| | | *For Color Anodized, Add* | *26.69* | |
| 10 14 19 00-0009 | EA | 9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 98.04 | 9.02 |
| | | *For Installation With Adhesive, Deduct* | *-8.51* | |
| | | *For Clear Anodized, Add* | *6.20* | |
| | | *For Satin Face And Enameled Return, Add* | *18.60* | |
| | | *For Patina Finish, Add* | *24.80* | |
| | | *For Color Anodized, Add* | *31.00* | |
| 10 14 19 00-0010 | EA | 10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 112.66 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-9.50* | |
| | | *For Clear Anodized, Add* | *7.40* | |
| | | *For Satin Face And Enameled Return, Add* | *22.21* | |
| | | *For Patina Finish, Add* | *29.62* | |
| | | *For Color Anodized, Add* | *37.02* | |
| 10 14 19 00-0011 | EA | 12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 137.62 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-11.35* | |
| | | *For Clear Anodized, Add* | *9.30* | |
| | | *For Satin Face And Enameled Return, Add* | *27.89* | |
| | | *For Patina Finish, Add* | *37.19* | |
| | | *For Color Anodized, Add* | *46.49* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0012 | EA | 14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 165.15 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-13.41* | |
| | | *For Clear Anodized, Add* | *11.37* | |
| | | *For Satin Face And Enameled Return, Add* | *34.10* | |
| | | *For Patina Finish, Add* | *45.46* | |
| | | *For Color Anodized, Add* | *56.83* | |
| 10 14 19 00-0013 | EA | 15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 181.24 | 14.31 |
| | | *For Installation With Adhesive, Deduct* | *-14.79* | |
| | | *For Clear Anodized, Add* | *12.40* | |
| | | *For Satin Face And Enameled Return, Add* | *37.19* | |
| | | *For Patina Finish, Add* | *49.59* | |
| | | *For Color Anodized, Add* | *61.99* | |
| 10 14 19 00-0014 | EA | 16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 203.01 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-16.33* | |
| | | *For Clear Anodized, Add* | *14.12* | |
| | | *For Satin Face And Enameled Return, Add* | *42.36* | |
| | | *For Patina Finish, Add* | *56.48* | |
| | | *For Color Anodized, Add* | *70.60* | |
| 10 14 19 00-0015 | EA | 18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 247.76 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-19.26* | |
| | | *For Clear Anodized, Add* | *17.91* | |
| | | *For Satin Face And Enameled Return, Add* | *53.72* | |
| | | *For Patina Finish, Add* | *71.63* | |
| | | *For Color Anodized, Add* | *89.54* | |
| 10 14 19 00-0016 | EA | 20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 301.11 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-22.78* | |
| | | *For Clear Anodized, Add* | *22.39* | |
| | | *For Satin Face And Enameled Return, Add* | *67.16* | |
| | | *For Patina Finish, Add* | *89.54* | |
| | | *For Color Anodized, Add* | *111.93* | |
| 10 14 19 00-0017 | EA | 24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs | 364.79 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-26.82* | |
| | | *For Clear Anodized, Add* | *27.90* | |
| | | *For Satin Face And Enameled Return, Add* | *83.69* | |
| | | *For Patina Finish, Add* | *111.58* | |
| | | *For Color Anodized, Add* | *139.48* | |

## 10 14 19 00-0018 Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0019 | EA | 2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 53.88 | 5.91 |
| | | *For Installation With Adhesive, Deduct* | *-5.06* | |
| | | *For Oxidized Finish, Add* | *4.54* | |
| | | *For Polished Or Patina Finish, Add* | *9.08* | |
| 10 14 19 00-0020 | EA | 3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 79.09 | 6.43 |
| | | *For Installation With Adhesive, Deduct* | *-6.53* | |
| | | *For Oxidized Finish, Add* | *8.00* | |
| | | *For Polished Or Patina Finish, Add* | *16.00* | |
| 10 14 19 00-0021 | EA | 4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 86.57 | 6.87 |
| | | *For Installation With Adhesive, Deduct* | *-7.08* | |
| | | *For Oxidized Finish, Add* | *8.87* | |
| | | *For Polished Or Patina Finish, Add* | *17.73* | |
| 10 14 19 00-0022 | EA | 5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 105.85 | 7.72 |
| | | *For Installation With Adhesive, Deduct* | *-8.38* | |
| | | *For Oxidized Finish, Add* | *11.24* | |
| | | *For Polished Or Patina Finish, Add* | *22.49* | |
| 10 14 19 00-0023 | EA | 6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 118.09 | 8.24 |
| | | *For Installation With Adhesive, Deduct* | *-9.21* | |
| | | *For Oxidized Finish, Add* | *12.76* | |
| | | *For Polished Or Patina Finish, Add* | *25.51* | |
| 10 14 19 00-0024 | EA | 8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 158.85 | 9.44 |
| | | *For Installation With Adhesive, Deduct* | *-11.72* | |
| | | *For Oxidized Finish, Add* | *18.16* | |
| | | *For Polished Or Patina Finish, Add* | *36.32* | |
| 10 14 19 00-0025 | EA | 9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 182.19 | 9.87 |
| | | *For Installation With Adhesive, Deduct* | *-13.06* | |
| | | *For Oxidized Finish, Add* | *21.41* | |
| | | *For Polished Or Patina Finish, Add* | *42.81* | |
| 10 14 19 00-0026 | EA | 10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 204.36 | 10.73 |
| | | *For Installation With Adhesive, Deduct* | *-14.51* | |
| | | *For Oxidized Finish, Add* | *24.22* | |
| | | *For Polished Or Patina Finish, Add* | *48.43* | |
| 10 14 19 00-0027 | EA | 12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 242.94 | 12.44 |
| | | *For Installation With Adhesive, Deduct* | *-17.13* | |
| | | *For Oxidized Finish, Add* | *28.97* | |
| | | *For Polished Or Patina Finish, Add* | *57.95* | |
| 10 14 19 00-0028 | EA | 14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 285.85 | 14.16 |
| | | *For Installation With Adhesive, Deduct* | *-19.96* | |
| | | *For Oxidized Finish, Add* | *34.38* | |
| | | *For Polished Or Patina Finish, Add* | *68.76* | |
| 10 14 19 00-0029 | EA | 15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 338.23 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-23.78* | |
| | | *For Oxidized Finish, Add* | *40.43* | |
| | | *For Polished Or Patina Finish, Add* | *80.87* | |
| 10 14 19 00-0030 | EA | 16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 350.57 | 18.46 |
| | | *For Installation With Adhesive, Deduct* | *-24.91* | |
| | | *For Oxidized Finish, Add* | *41.51* | |
| | | *For Polished Or Patina Finish, Add* | *83.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0031 | EA | 18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 502.41 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-33.70* | |
| | | *For Oxidized Finish, Add* | *62.49* | |
| | | *For Polished Or Patina Finish, Add* | *124.97* | |
| 10 14 19 00-0032 | EA | 20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 606.84 | 24.14 |
| | | *For Installation With Adhesive, Deduct* | *-40.00* | |
| | | *For Oxidized Finish, Add* | *76.54* | |
| | | *For Polished Or Patina Finish, Add* | *153.08* | |
| 10 14 19 00-0033 | EA | 24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs | 774.66 | 27.89 |
| | | *For Installation With Adhesive, Deduct* | *-49.89* | |
| | | *For Oxidized Finish, Add* | *99.46* | |
| | | *For Polished Or Patina Finish, Add* | *198.92* | |

### 10 14 19 00-0034 Molded Characters *(10 14 19)*

Note: Any font.

### 10 14 19 00-0035 Molded Plastic Characters *(10 14 19 00-0034)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0036 | EA | 4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 30.82 | 4.30 |
| | | *For Installation With Adhesive, Deduct* | *-3.26* | |
| 10 14 19 00-0037 | EA | 5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 33.39 | 4.72 |
| | | *For Installation With Adhesive, Deduct* | *-3.56* | |
| 10 14 19 00-0038 | EA | 6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 36.87 | 5.15 |
| | | *For Installation With Adhesive, Deduct* | *-3.90* | |
| 10 14 19 00-0039 | EA | 8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 47.33 | 5.58 |
| | | *For Installation With Adhesive, Deduct* | *-4.60* | |
| 10 14 19 00-0040 | EA | 9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 51.14 | 6.01 |
| | | *For Installation With Adhesive, Deduct* | *-4.96* | |
| 10 14 19 00-0041 | EA | 10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 55.41 | 6.43 |
| | | *For Installation With Adhesive, Deduct* | *-5.35* | |
| 10 14 19 00-0042 | EA | 12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 64.56 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-6.23* | |
| 10 14 19 00-0043 | EA | 15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 85.13 | 9.44 |
| | | *For Installation With Adhesive, Deduct* | *-8.03* | |
| 10 14 19 00-0044 | EA | 18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 108.47 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-9.89* | |
| 10 14 19 00-0045 | EA | 24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 160.87 | 13.74 |
| | | *For Installation With Adhesive, Deduct* | *-13.54* | |
| 10 14 19 00-0046 | EA | 30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 239.29 | 16.10 |
| | | *For Installation With Adhesive, Deduct* | *-18.40* | |
| 10 14 19 00-0047 | EA | 36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 314.38 | 18.46 |
| | | *For Installation With Adhesive, Deduct* | *-23.10* | |
| 10 14 19 00-0048 | EA | 48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs | 588.97 | 24.68 |
| | | *For Installation With Adhesive, Deduct* | *-39.32* | |

### 10 14 19 00-0049 Cutout Characters *(10 14 19)*

Note: Any font.

### 10 14 19 00-0050 Satin Finish, Aluminum Characters *(10 14 19 00-0049)*

### 10 14 19 00-0051 1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0052 | EA | 2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 40.40 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-4.17* | |
| | | *For Clear Anodized, Add* | *1.89* | |
| | | *For Satin Face And Enameled Return, Add* | *6.63* | |
| | | *For Color Anodized, Add* | *9.47* | |
| | | *For Polished Or Patina Finish, Add* | *9.47* | |
| | | *For Polished Anodized Finish, Add* | *14.21* | |
| 10 14 19 00-0053 | EA | 4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 57.61 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-5.37* | |
| | | *For Clear Anodized, Add* | *3.27* | |
| | | *For Satin Face And Enameled Return, Add* | *11.45* | |
| | | *For Color Anodized, Add* | *16.36* | |
| | | *For Polished Or Patina Finish, Add* | *16.36* | |
| | | *For Polished Anodized Finish, Add* | *24.54* | |
| 10 14 19 00-0054 | EA | 6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 78.25 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-6.92* | |
| | | *For Clear Anodized, Add* | *4.82* | |
| | | *For Satin Face And Enameled Return, Add* | *16.87* | |
| | | *For Color Anodized, Add* | *24.11* | |
| | | *For Polished Or Patina Finish, Add* | *24.11* | |
| | | *For Polished Anodized Finish, Add* | *36.16* | |
| 10 14 19 00-0055 | EA | 8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 96.33 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-8.25* | |
| | | *For Clear Anodized, Add* | *6.20* | |
| | | *For Satin Face And Enameled Return, Add* | *21.70* | |
| | | *For Color Anodized, Add* | *31.00* | |
| | | *For Polished Or Patina Finish, Add* | *31.00* | |
| | | *For Polished Anodized Finish, Add* | *46.49* | |
| 10 14 19 00-0056 | EA | 10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 110.94 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-9.41* | |
| | | *For Clear Anodized, Add* | *7.23* | |
| | | *For Satin Face And Enameled Return, Add* | *25.31* | |
| | | *For Color Anodized, Add* | *36.16* | |
| | | *For Polished Or Patina Finish, Add* | *36.16* | |
| | | *For Polished Anodized Finish, Add* | *54.24* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0057 | EA | 12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 127.29 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-10.83* | |
| | | *For Clear Anodized, Add* | *8.27* | |
| | | *For Satin Face And Enameled Return, Add* | *28.93* | |
| | | *For Color Anodized, Add* | *41.33* | |
| | | *For Polished Or Patina Finish, Add* | *41.33* | |
| | | *For Polished Anodized Finish, Add* | *61.99* | |
| 10 14 19 00-0058 | EA | 14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 149.65 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-12.63* | |
| | | *For Clear Anodized, Add* | *9.82* | |
| | | *For Satin Face And Enameled Return, Add* | *34.35* | |
| | | *For Color Anodized, Add* | *49.08* | |
| | | *For Polished Or Patina Finish, Add* | *49.08* | |
| | | *For Polished Anodized Finish, Add* | *73.61* | |
| 10 14 19 00-0059 | EA | 16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 177.18 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-15.04* | |
| | | *For Clear Anodized, Add* | *11.54* | |
| | | *For Satin Face And Enameled Return, Add* | *40.38* | |
| | | *For Color Anodized, Add* | *57.69* | |
| | | *For Polished Or Patina Finish, Add* | *57.69* | |
| | | *For Polished Anodized Finish, Add* | *86.53* | |
| 10 14 19 00-0060 | EA | 18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 199.55 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-16.85* | |
| | | *For Clear Anodized, Add* | *13.09* | |
| | | *For Satin Face And Enameled Return, Add* | *45.80* | |
| | | *For Color Anodized, Add* | *65.44* | |
| | | *For Polished Or Patina Finish, Add* | *65.44* | |
| | | *For Polished Anodized Finish, Add* | *98.15* | |
| 10 14 19 00-0061 | EA | 20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 240.84 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-19.77* | |
| | | *For Clear Anodized, Add* | *16.36* | |
| | | *For Satin Face And Enameled Return, Add* | *57.25* | |
| | | *For Color Anodized, Add* | *81.79* | |
| | | *For Polished Or Patina Finish, Add* | *81.79* | |
| | | *For Polished Anodized Finish, Add* | *122.69* | |
| 10 14 19 00-0062 | EA | 22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 277.85 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-22.05* | |
| | | *For Clear Anodized, Add* | *19.63* | |
| | | *For Satin Face And Enameled Return, Add* | *68.71* | |
| | | *For Color Anodized, Add* | *98.15* | |
| | | *For Polished Or Patina Finish, Add* | *98.15* | |
| | | *For Polished Anodized Finish, Add* | *147.23* | |
| 10 14 19 00-0063 | EA | 24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 347.57 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-25.96* | |
| | | *For Clear Anodized, Add* | *26.17* | |
| | | *For Satin Face And Enameled Return, Add* | *91.61* | |
| | | *For Color Anodized, Add* | *130.87* | |
| | | *For Polished Or Patina Finish, Add* | *130.87* | |
| | | *For Polished Anodized Finish, Add* | *196.30* | |
| 10 14 19 00-0064 | EA | 30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 501.92 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-35.40* | |
| | | *For Clear Anodized, Add* | *39.89* | |
| | | *For Satin Face And Enameled Return, Add* | *139.62* | |
| | | *For Color Anodized, Add* | *199.46* | |
| | | *For Polished Or Patina Finish, Add* | *199.46* | |
| | | *For Polished Anodized Finish, Add* | *299.18* | |

### 10 14 19 00-0065 3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0066 | EA | 2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 52.52 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-4.77* | |
| | | *For Clear Anodized, Add* | *3.11* | |
| | | *For Satin Face And Enameled Return, Add* | *10.87* | |
| | | *For Color Anodized, Add* | *15.53* | |
| | | *For Polished Or Patina Finish, Add* | *15.53* | |
| | | *For Polished Anodized Finish, Add* | *23.30* | |
| 10 14 19 00-0067 | EA | 4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 76.58 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-6.32* | |
| | | *For Clear Anodized, Add* | *5.17* | |
| | | *For Satin Face And Enameled Return, Add* | *18.09* | |
| | | *For Color Anodized, Add* | *25.85* | |
| | | *For Polished Or Patina Finish, Add* | *25.85* | |
| | | *For Polished Anodized Finish, Add* | *38.77* | |
| 10 14 19 00-0068 | EA | 6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 97.06 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-7.86* | |
| | | *For Clear Anodized, Add* | *6.70* | |
| | | *For Satin Face And Enameled Return, Add* | *23.46* | |
| | | *For Color Anodized, Add* | *33.51* | |
| | | *For Polished Or Patina Finish, Add* | *33.51* | |
| | | *For Polished Anodized Finish, Add* | *50.27* | |
| 10 14 19 00-0069 | EA | 8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 122.36 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-9.55* | |
| | | *For Clear Anodized, Add* | *8.80* | |
| | | *For Satin Face And Enameled Return, Add* | *30.81* | |
| | | *For Color Anodized, Add* | *44.01* | |
| | | *For Polished Or Patina Finish, Add* | *44.01* | |
| | | *For Polished Anodized Finish, Add* | *66.02* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0070 | EA | 10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 142.04 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-10.96* | |
| | | *For Clear Anodized, Add* | *10.34* | |
| | | *For Satin Face And Enameled Return, Add* | *36.20* | |
| | | *For Color Anodized, Add* | *51.71* | |
| | | *For Polished Or Patina Finish, Add* | *51.71* | |
| | | *For Polished Anodized Finish, Add* | *77.57* | |
| 10 14 19 00-0071 | EA | 12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 166.96 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-12.81* | |
| | | *For Clear Anodized, Add* | *12.23* | |
| | | *For Satin Face And Enameled Return, Add* | *42.81* | |
| | | *For Color Anodized, Add* | *61.16* | |
| | | *For Polished Or Patina Finish, Add* | *61.16* | |
| | | *For Polished Anodized Finish, Add* | *91.74* | |
| 10 14 19 00-0072 | EA | 14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 195.78 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-14.94* | |
| | | *For Clear Anodized, Add* | *14.43* | |
| | | *For Satin Face And Enameled Return, Add* | *50.50* | |
| | | *For Color Anodized, Add* | *72.14* | |
| | | *For Polished Or Patina Finish, Add* | *72.14* | |
| | | *For Polished Anodized Finish, Add* | *108.21* | |
| 10 14 19 00-0073 | EA | 16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 242.94 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-18.33* | |
| | | *For Clear Anodized, Add* | *18.11* | |
| | | *For Satin Face And Enameled Return, Add* | *63.40* | |
| | | *For Color Anodized, Add* | *90.57* | |
| | | *For Polished Or Patina Finish, Add* | *90.57* | |
| | | *For Polished Anodized Finish, Add* | *135.85* | |
| 10 14 19 00-0074 | EA | 18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 281.99 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-20.97* | |
| | | *For Clear Anodized, Add* | *21.33* | |
| | | *For Satin Face And Enameled Return, Add* | *74.66* | |
| | | *For Color Anodized, Add* | *106.66* | |
| | | *For Polished Or Patina Finish, Add* | *106.66* | |
| | | *For Polished Anodized Finish, Add* | *159.98* | |
| 10 14 19 00-0075 | EA | 20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 327.54 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-24.10* | |
| | | *For Clear Anodized, Add* | *25.03* | |
| | | *For Satin Face And Enameled Return, Add* | *87.60* | |
| | | *For Color Anodized, Add* | *125.14* | |
| | | *For Polished Or Patina Finish, Add* | *125.14* | |
| | | *For Polished Anodized Finish, Add* | *187.71* | |
| 10 14 19 00-0076 | EA | 22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 368.15 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-26.56* | |
| | | *For Clear Anodized, Add* | *28.66* | |
| | | *For Satin Face And Enameled Return, Add* | *100.31* | |
| | | *For Color Anodized, Add* | *143.30* | |
| | | *For Polished Or Patina Finish, Add* | *143.30* | |
| | | *For Polished Anodized Finish, Add* | *214.95* | |
| 10 14 19 00-0077 | EA | 24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 410.39 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-29.10* | |
| | | *For Clear Anodized, Add* | *32.46* | |
| | | *For Satin Face And Enameled Return, Add* | *113.59* | |
| | | *For Color Anodized, Add* | *162.28* | |
| | | *For Polished Or Patina Finish, Add* | *162.28* | |
| | | *For Polished Anodized Finish, Add* | *243.41* | |
| 10 14 19 00-0078 | EA | 30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 567.93 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-38.70* | |
| | | *For Clear Anodized, Add* | *46.49* | |
| | | *For Satin Face And Enameled Return, Add* | *162.72* | |
| | | *For Color Anodized, Add* | *232.46* | |
| | | *For Polished Or Patina Finish, Add* | *232.46* | |
| | | *For Polished Anodized Finish, Add* | *348.69* | |

### 10 14 19 00-0079 1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0080 | EA | 2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 66.54 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.47* | |
| | | *For Clear Anodized, Add* | *4.51* | |
| | | *For Satin Face And Enameled Return, Add* | *15.78* | |
| | | *For Color Anodized, Add* | *22.54* | |
| | | *For Polished Or Patina Finish, Add* | *22.54* | |
| | | *For Polished Anodized Finish, Add* | *33.81* | |
| 10 14 19 00-0081 | EA | 4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 86.72 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-6.83* | |
| | | *For Clear Anodized, Add* | *6.18* | |
| | | *For Satin Face And Enameled Return, Add* | *21.64* | |
| | | *For Color Anodized, Add* | *30.92* | |
| | | *For Polished Or Patina Finish, Add* | *30.92* | |
| | | *For Polished Anodized Finish, Add* | *46.37* | |
| 10 14 19 00-0082 | EA | 6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 109.11 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-8.46* | |
| | | *For Clear Anodized, Add* | *7.91* | |
| | | *For Satin Face And Enameled Return, Add* | *27.67* | |
| | | *For Color Anodized, Add* | *39.54* | |
| | | *For Polished Or Patina Finish, Add* | *39.54* | |
| | | *For Polished Anodized Finish, Add* | *59.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0083 | EA | 8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 129.18 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-9.89* | |
| | | *For Clear Anodized, Add* | *9.48* | |
| | | *For Satin Face And Enameled Return, Add* | *33.19* | |
| | | *For Color Anodized, Add* | *47.42* | |
| | | *For Polished Or Patina Finish, Add* | *47.42* | |
| | | *For Polished Anodized Finish, Add* | *71.13* | |
| 10 14 19 00-0084 | EA | 10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 150.72 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-11.40* | |
| | | *For Clear Anodized, Add* | *11.21* | |
| | | *For Satin Face And Enameled Return, Add* | *39.24* | |
| | | *For Color Anodized, Add* | *56.05* | |
| | | *For Polished Or Patina Finish, Add* | *56.05* | |
| | | *For Polished Anodized Finish, Add* | *84.08* | |
| 10 14 19 00-0085 | EA | 12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 185.97 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-13.76* | |
| | | *For Clear Anodized, Add* | *14.13* | |
| | | *For Satin Face And Enameled Return, Add* | *49.47* | |
| | | *For Color Anodized, Add* | *70.67* | |
| | | *For Polished Or Patina Finish, Add* | *70.67* | |
| | | *For Polished Anodized Finish, Add* | *106.00* | |
| 10 14 19 00-0086 | EA | 14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 230.13 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-16.66* | |
| | | *For Clear Anodized, Add* | *17.86* | |
| | | *For Satin Face And Enameled Return, Add* | *62.52* | |
| | | *For Color Anodized, Add* | *89.32* | |
| | | *For Polished Or Patina Finish, Add* | *89.32* | |
| | | *For Polished Anodized Finish, Add* | *133.97* | |
| 10 14 19 00-0087 | EA | 16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 278.70 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-20.12* | |
| | | *For Clear Anodized, Add* | *21.69* | |
| | | *For Satin Face And Enameled Return, Add* | *75.91* | |
| | | *For Color Anodized, Add* | *108.45* | |
| | | *For Polished Or Patina Finish, Add* | *108.45* | |
| | | *For Polished Anodized Finish, Add* | *162.67* | |
| 10 14 19 00-0088 | EA | 18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 339.57 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-23.85* | |
| | | *For Clear Anodized, Add* | *27.09* | |
| | | *For Satin Face And Enameled Return, Add* | *94.81* | |
| | | *For Color Anodized, Add* | *135.45* | |
| | | *For Polished Or Patina Finish, Add* | *135.45* | |
| | | *For Polished Anodized Finish, Add* | *203.17* | |
| 10 14 19 00-0089 | EA | 20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 401.15 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-27.78* | |
| | | *For Clear Anodized, Add* | *32.39* | |
| | | *For Satin Face And Enameled Return, Add* | *113.36* | |
| | | *For Color Anodized, Add* | *161.95* | |
| | | *For Polished Or Patina Finish, Add* | *161.95* | |
| | | *For Polished Anodized Finish, Add* | *242.92* | |
| 10 14 19 00-0090 | EA | 22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 462.37 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-31.27* | |
| | | *For Clear Anodized, Add* | *38.08* | |
| | | *For Satin Face And Enameled Return, Add* | *133.29* | |
| | | *For Color Anodized, Add* | *190.41* | |
| | | *For Polished Or Patina Finish, Add* | *190.41* | |
| | | *For Polished Anodized Finish, Add* | *285.62* | |
| 10 14 19 00-0091 | EA | 24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 520.31 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-34.60* | |
| | | *For Clear Anodized, Add* | *43.45* | |
| | | *For Satin Face And Enameled Return, Add* | *152.06* | |
| | | *For Color Anodized, Add* | *217.24* | |
| | | *For Polished Or Patina Finish, Add* | *217.24* | |
| | | *For Polished Anodized Finish, Add* | *325.85* | |
| 10 14 19 00-0092 | EA | 30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 726.00 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-46.60* | |
| | | *For Clear Anodized, Add* | *62.30* | |
| | | *For Satin Face And Enameled Return, Add* | *218.05* | |
| | | *For Color Anodized, Add* | *311.50* | |
| | | *For Polished Or Patina Finish, Add* | *311.50* | |
| | | *For Polished Anodized Finish, Add* | *467.24* | |

### 10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0094 | EA | 2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 69.76 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.63* | |
| | | *For Clear Anodized, Add* | *4.83* | |
| | | *For Satin Face And Enameled Return, Add* | *16.91* | |
| | | *For Color Anodized, Add* | *24.15* | |
| | | *For Polished Or Patina Finish, Add* | *24.15* | |
| | | *For Polished Anodized Finish, Add* | *36.23* | |
| 10 14 19 00-0095 | EA | 4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 90.32 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-7.01* | |
| | | *For Clear Anodized, Add* | *6.54* | |
| | | *For Satin Face And Enameled Return, Add* | *22.90* | |
| | | *For Color Anodized, Add* | *32.72* | |
| | | *For Polished Or Patina Finish, Add* | *32.72* | |
| | | *For Polished Anodized Finish, Add* | *49.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0096 | EA | 6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 119.72 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-8.99* | |
| | | *For Clear Anodized, Add* | *8.97* | |
| | | *For Satin Face And Enameled Return, Add* | *31.39* | |
| | | *For Color Anodized, Add* | *44.84* | |
| | | *For Polished Or Patina Finish, Add* | *44.84* | |
| | | *For Polished Anodized Finish, Add* | *67.26* | |
| 10 14 19 00-0097 | EA | 8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 160.18 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-11.44* | |
| | | *For Clear Anodized, Add* | *12.58* | |
| | | *For Satin Face And Enameled Return, Add* | *44.04* | |
| | | *For Color Anodized, Add* | *62.92* | |
| | | *For Polished Or Patina Finish, Add* | *62.92* | |
| | | *For Polished Anodized Finish, Add* | *94.38* | |
| 10 14 19 00-0098 | EA | 10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 202.06 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-13.97* | |
| | | *For Clear Anodized, Add* | *16.34* | |
| | | *For Satin Face And Enameled Return, Add* | *57.20* | |
| | | *For Color Anodized, Add* | *81.72* | |
| | | *For Polished Or Patina Finish, Add* | *81.72* | |
| | | *For Polished Anodized Finish, Add* | *122.58* | |
| 10 14 19 00-0099 | EA | 12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 254.58 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-17.19* | |
| | | *For Clear Anodized, Add* | *20.99* | |
| | | *For Satin Face And Enameled Return, Add* | *73.48* | |
| | | *For Color Anodized, Add* | *104.97* | |
| | | *For Polished Or Patina Finish, Add* | *104.97* | |
| | | *For Polished Anodized Finish, Add* | *157.46* | |
| 10 14 19 00-0100 | EA | 14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 318.47 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-21.07* | |
| | | *For Clear Anodized, Add* | *26.70* | |
| | | *For Satin Face And Enameled Return, Add* | *93.44* | |
| | | *For Color Anodized, Add* | *133.49* | |
| | | *For Polished Or Patina Finish, Add* | *133.49* | |
| | | *For Polished Anodized Finish, Add* | *200.23* | |
| 10 14 19 00-0101 | EA | 16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 394.07 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-25.88* | |
| | | *For Clear Anodized, Add* | *33.23* | |
| | | *For Satin Face And Enameled Return, Add* | *116.29* | |
| | | *For Color Anodized, Add* | *166.13* | |
| | | *For Polished Or Patina Finish, Add* | *166.13* | |
| | | *For Polished Anodized Finish, Add* | *249.20* | |
| 10 14 19 00-0102 | EA | 18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 483.52 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-31.04* | |
| | | *For Clear Anodized, Add* | *41.48* | |
| | | *For Satin Face And Enameled Return, Add* | *145.19* | |
| | | *For Color Anodized, Add* | *207.42* | |
| | | *For Polished Or Patina Finish, Add* | *207.42* | |
| | | *For Polished Anodized Finish, Add* | *311.13* | |
| 10 14 19 00-0103 | EA | 20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 576.19 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-36.54* | |
| | | *For Clear Anodized, Add* | *49.89* | |
| | | *For Satin Face And Enameled Return, Add* | *174.63* | |
| | | *For Color Anodized, Add* | *249.47* | |
| | | *For Polished Or Patina Finish, Add* | *249.47* | |
| | | *For Polished Anodized Finish, Add* | *374.20* | |
| 10 14 19 00-0104 | EA | 22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 670.45 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-41.68* | |
| | | *For Clear Anodized, Add* | *58.89* | |
| | | *For Satin Face And Enameled Return, Add* | *206.12* | |
| | | *For Color Anodized, Add* | *294.45* | |
| | | *For Polished Or Patina Finish, Add* | *294.45* | |
| | | *For Polished Anodized Finish, Add* | *441.68* | |
| 10 14 19 00-0105 | EA | 24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 768.96 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-47.03* | |
| | | *For Clear Anodized, Add* | *68.31* | |
| | | *For Satin Face And Enameled Return, Add* | *239.09* | |
| | | *For Color Anodized, Add* | *341.56* | |
| | | *For Polished Or Patina Finish, Add* | *341.56* | |
| | | *For Polished Anodized Finish, Add* | *512.34* | |
| 10 14 19 00-0106 | EA | 30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 1,060.74 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-63.34* | |
| | | *For Clear Anodized, Add* | *95.77* | |
| | | *For Satin Face And Enameled Return, Add* | *335.21* | |
| | | *For Color Anodized, Add* | *478.87* | |
| | | *For Polished Or Patina Finish, Add* | *478.87* | |
| | | *For Polished Anodized Finish, Add* | *718.30* | |

### 10 14 19 00-0107 1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0108 | EA | 2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 78.28 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-6.06* | |
| | | *For Clear Anodized, Add* | *5.68* | |
| | | *For Satin Face And Enameled Return, Add* | *19.89* | |
| | | *For Color Anodized, Add* | *28.41* | |
| | | *For Polished Or Patina Finish, Add* | *28.41* | |
| | | *For Polished Anodized Finish, Add* | *42.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0109 | EA | 4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 97.19 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-7.35* | |
| | | *For Clear Anodized, Add* | *7.23* | |
| | | *For Satin Face And Enameled Return, Add* | *25.31* | |
| | | *For Color Anodized, Add* | *36.15* | |
| | | *For Polished Or Patina Finish, Add* | *36.15* | |
| | | *For Polished Anodized Finish, Add* | *54.23* | |
| 10 14 19 00-0110 | EA | 6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 128.40 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-9.42* | |
| | | *For Clear Anodized, Add* | *9.84* | |
| | | *For Satin Face And Enameled Return, Add* | *34.43* | |
| | | *For Color Anodized, Add* | *49.18* | |
| | | *For Polished Or Patina Finish, Add* | *49.18* | |
| | | *For Polished Anodized Finish, Add* | *73.77* | |
| 10 14 19 00-0111 | EA | 8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 177.53 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-12.31* | |
| | | *For Clear Anodized, Add* | *14.32* | |
| | | *For Satin Face And Enameled Return, Add* | *50.12* | |
| | | *For Color Anodized, Add* | *71.60* | |
| | | *For Polished Or Patina Finish, Add* | *71.60* | |
| | | *For Polished Anodized Finish, Add* | *107.39* | |
| 10 14 19 00-0112 | EA | 10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 243.29 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-16.03* | |
| | | *For Clear Anodized, Add* | *20.47* | |
| | | *For Satin Face And Enameled Return, Add* | *71.63* | |
| | | *For Color Anodized, Add* | *102.34* | |
| | | *For Polished Or Patina Finish, Add* | *102.34* | |
| | | *For Polished Anodized Finish, Add* | *153.50* | |
| 10 14 19 00-0113 | EA | 12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 319.87 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-20.46* | |
| | | *For Clear Anodized, Add* | *27.52* | |
| | | *For Satin Face And Enameled Return, Add* | *96.33* | |
| | | *For Color Anodized, Add* | *137.62* | |
| | | *For Polished Or Patina Finish, Add* | *137.62* | |
| | | *For Polished Anodized Finish, Add* | *206.42* | |
| 10 14 19 00-0114 | EA | 14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 405.82 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-25.44* | |
| | | *For Clear Anodized, Add* | *35.43* | |
| | | *For Satin Face And Enameled Return, Add* | *124.01* | |
| | | *For Color Anodized, Add* | *177.16* | |
| | | *For Polished Or Patina Finish, Add* | *177.16* | |
| | | *For Polished Anodized Finish, Add* | *265.74* | |
| 10 14 19 00-0115 | EA | 16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 504.82 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-31.42* | |
| | | *For Clear Anodized, Add* | *44.30* | |
| | | *For Satin Face And Enameled Return, Add* | *155.05* | |
| | | *For Color Anodized, Add* | *221.51* | |
| | | *For Polished Or Patina Finish, Add* | *221.51* | |
| | | *For Polished Anodized Finish, Add* | *332.26* | |
| 10 14 19 00-0116 | EA | 18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 613.08 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-37.52* | |
| | | *For Clear Anodized, Add* | *54.44* | |
| | | *For Satin Face And Enameled Return, Add* | *190.54* | |
| | | *For Color Anodized, Add* | *272.20* | |
| | | *For Polished Or Patina Finish, Add* | *272.20* | |
| | | *For Polished Anodized Finish, Add* | *408.30* | |
| 10 14 19 00-0117 | EA | 20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 756.13 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-45.53* | |
| | | *For Clear Anodized, Add* | *67.89* | |
| | | *For Satin Face And Enameled Return, Add* | *237.60* | |
| | | *For Color Anodized, Add* | *339.44* | |
| | | *For Polished Or Patina Finish, Add* | *339.44* | |
| | | *For Polished Anodized Finish, Add* | *509.15* | |
| 10 14 19 00-0118 | EA | 22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 904.04 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-53.36* | |
| | | *For Clear Anodized, Add* | *82.25* | |
| | | *For Satin Face And Enameled Return, Add* | *287.87* | |
| | | *For Color Anodized, Add* | *411.25* | |
| | | *For Polished Or Patina Finish, Add* | *411.25* | |
| | | *For Polished Anodized Finish, Add* | *616.87* | |
| 10 14 19 00-0119 | EA | 24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 1,069.95 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-62.08* | |
| | | *For Clear Anodized, Add* | *98.41* | |
| | | *For Satin Face And Enameled Return, Add* | *344.44* | |
| | | *For Color Anodized, Add* | *492.06* | |
| | | *For Polished Or Patina Finish, Add* | *492.06* | |
| | | *For Polished Anodized Finish, Add* | *738.08* | |
| 10 14 19 00-0120 | EA | 30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs | 1,516.36 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-86.12* | |
| | | *For Clear Anodized, Add* | *141.34* | |
| | | *For Satin Face And Enameled Return, Add* | *494.67* | |
| | | *For Color Anodized, Add* | *706.68* | |
| | | *For Polished Or Patina Finish, Add* | *706.68* | |
| | | *For Polished Anodized Finish, Add* | *1,060.01* | |

10 14 19 00-0121 Satin Finish, Brass Characters *(10 14 19 00-0049)*

10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0123 | EA | 2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 56.99 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.00* | |
| | | *For Oxidized Finish, Add* | *5.33* | |
| | | *For Polished Finish, Add* | *10.66* | |
| 10 14 19 00-0124 | EA | 4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 74.33 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-6.21* | |
| | | *For Oxidized Finish, Add* | *7.42* | |
| | | *For Polished Finish, Add* | *14.83* | |
| 10 14 19 00-0125 | EA | 6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 103.64 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-8.19* | |
| | | *For Oxidized Finish, Add* | *11.04* | |
| | | *For Polished Finish, Add* | *22.08* | |
| 10 14 19 00-0126 | EA | 8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 137.13 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-10.29* | |
| | | *For Oxidized Finish, Add* | *15.42* | |
| | | *For Polished Finish, Add* | *30.84* | |
| 10 14 19 00-0127 | EA | 10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 176.94 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-12.71* | |
| | | *For Oxidized Finish, Add* | *20.75* | |
| | | *For Polished Finish, Add* | *41.50* | |
| 10 14 19 00-0128 | EA | 12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 224.83 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-15.71* | |
| | | *For Oxidized Finish, Add* | *27.03* | |
| | | *For Polished Finish, Add* | *54.06* | |
| 10 14 19 00-0129 | EA | 14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 282.45 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-19.27* | |
| | | *For Oxidized Finish, Add* | *34.64* | |
| | | *For Polished Finish, Add* | *69.29* | |
| 10 14 19 00-0130 | EA | 16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 344.79 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-23.42* | |
| | | *For Oxidized Finish, Add* | *42.45* | |
| | | *For Polished Finish, Add* | *84.89* | |
| 10 14 19 00-0131 | EA | 18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 420.37 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-27.89* | |
| | | *For Oxidized Finish, Add* | *52.75* | |
| | | *For Polished Finish, Add* | *105.51* | |
| 10 14 19 00-0132 | EA | 20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 501.10 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-32.78* | |
| | | *For Oxidized Finish, Add* | *63.58* | |
| | | *For Polished Finish, Add* | *127.15* | |
| 10 14 19 00-0133 | EA | 22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 619.60 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-39.14* | |
| | | *For Oxidized Finish, Add* | *80.71* | |
| | | *For Polished Finish, Add* | *161.42* | |
| 10 14 19 00-0134 | EA | 24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 680.45 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-42.61* | |
| | | *For Oxidized Finish, Add* | *89.19* | |
| | | *For Polished Finish, Add* | *178.38* | |
| 10 14 19 00-0135 | EA | 30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,030.15 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-61.81* | |
| | | *For Oxidized Finish, Add* | *139.07* | |
| | | *For Polished Finish, Add* | *278.14* | |

## 10 14 19 00-0136 3/8" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0137 | EA | 2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 69.43 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.62* | |
| | | *For Oxidized Finish, Add* | *7.20* | |
| | | *For Polished Finish, Add* | *14.39* | |
| 10 14 19 00-0138 | EA | 4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 91.64 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-7.07* | |
| | | *For Oxidized Finish, Add* | *10.01* | |
| | | *For Polished Finish, Add* | *20.03* | |
| 10 14 19 00-0139 | EA | 6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 133.08 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-9.66* | |
| | | *For Oxidized Finish, Add* | *15.46* | |
| | | *For Polished Finish, Add* | *30.91* | |
| 10 14 19 00-0140 | EA | 8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 178.24 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-12.35* | |
| | | *For Oxidized Finish, Add* | *21.59* | |
| | | *For Polished Finish, Add* | *43.17* | |
| 10 14 19 00-0141 | EA | 10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 239.18 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-15.82* | |
| | | *For Oxidized Finish, Add* | *30.08* | |
| | | *For Polished Finish, Add* | *60.17* | |
| 10 14 19 00-0142 | EA | 12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 305.92 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-19.76* | |
| | | *For Oxidized Finish, Add* | *39.19* | |
| | | *For Polished Finish, Add* | *78.38* | |
| 10 14 19 00-0143 | EA | 14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 386.38 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-24.47* | |
| | | *For Oxidized Finish, Add* | *50.23* | |
| | | *For Polished Finish, Add* | *100.46* | |
| 10 14 19 00-0144 | EA | 16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 457.98 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-29.08* | |
| | | *For Oxidized Finish, Add* | *59.43* | |
| | | *For Polished Finish, Add* | *118.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0145 | EA | 18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 578.63 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-35.80* | |
| | | *For Oxidized Finish, Add* | *76.49* | |
| | | *For Polished Finish, Add* | *152.99* | |
| 10 14 19 00-0146 | EA | 20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 670.63 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-41.26* | |
| | | *For Oxidized Finish, Add* | *89.01* | |
| | | *For Polished Finish, Add* | *178.01* | |
| 10 14 19 00-0147 | EA | 22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 829.43 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-49.63* | |
| | | *For Oxidized Finish, Add* | *112.18* | |
| | | *For Polished Finish, Add* | *224.36* | |
| 10 14 19 00-0148 | EA | 24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 948.02 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-55.99* | |
| | | *For Oxidized Finish, Add* | *129.33* | |
| | | *For Polished Finish, Add* | *258.65* | |
| 10 14 19 00-0149 | EA | 30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,317.56 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-76.18* | |
| | | *For Oxidized Finish, Add* | *182.18* | |
| | | *For Polished Finish, Add* | *364.37* | |
| **10 14 19 00-0150** | | **1/2" Deep, Satin Finish, Brass Characters** *(10 14 19 00-0121)* | | |
| 10 14 19 00-0151 | EA | 2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 88.97 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-6.59* | |
| | | *For Oxidized Finish, Add* | *10.13* | |
| | | *For Polished Finish, Add* | *20.25* | |
| 10 14 19 00-0152 | EA | 4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 116.36 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-8.31* | |
| | | *For Oxidized Finish, Add* | *13.72* | |
| | | *For Polished Finish, Add* | *27.44* | |
| 10 14 19 00-0153 | EA | 6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 169.88 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-11.50* | |
| | | *For Oxidized Finish, Add* | *20.98* | |
| | | *For Polished Finish, Add* | *41.95* | |
| 10 14 19 00-0154 | EA | 8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 234.78 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-15.17* | |
| | | *For Oxidized Finish, Add* | *30.07* | |
| | | *For Polished Finish, Add* | *60.13* | |
| 10 14 19 00-0155 | EA | 10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 329.09 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-20.32* | |
| | | *For Oxidized Finish, Add* | *43.57* | |
| | | *For Polished Finish, Add* | *87.14* | |
| 10 14 19 00-0156 | EA | 12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 441.07 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-26.52* | |
| | | *For Oxidized Finish, Add* | *59.46* | |
| | | *For Polished Finish, Add* | *118.93* | |
| 10 14 19 00-0157 | EA | 14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 548.05 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-32.55* | |
| | | *For Oxidized Finish, Add* | *74.48* | |
| | | *For Polished Finish, Add* | *148.97* | |
| 10 14 19 00-0158 | EA | 16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 653.24 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-38.84* | |
| | | *For Oxidized Finish, Add* | *88.71* | |
| | | *For Polished Finish, Add* | *177.43* | |
| 10 14 19 00-0159 | EA | 18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 895.15 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-51.63* | |
| | | *For Oxidized Finish, Add* | *123.97* | |
| | | *For Polished Finish, Add* | *247.94* | |
| 10 14 19 00-0160 | EA | 20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,009.70 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-58.21* | |
| | | *For Oxidized Finish, Add* | *139.87* | |
| | | *For Polished Finish, Add* | *279.73* | |
| 10 14 19 00-0161 | EA | 22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,265.25 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-71.42* | |
| | | *For Oxidized Finish, Add* | *177.56* | |
| | | *For Polished Finish, Add* | *355.11* | |
| 10 14 19 00-0162 | EA | 24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,483.17 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-82.74* | |
| | | *For Oxidized Finish, Add* | *209.60* | |
| | | *For Polished Finish, Add* | *419.20* | |
| 10 14 19 00-0163 | EA | 30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 2,244.70 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-122.54* | |
| | | *For Oxidized Finish, Add* | *321.25* | |
| | | *For Polished Finish, Add* | *642.51* | |
| **10 14 19 00-0164** | | **3/4" Deep, Satin Finish, Brass Characters** *(10 14 19 00-0121)* | | |
| 10 14 19 00-0165 | EA | 2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 110.29 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-7.66* | |
| | | *For Oxidized Finish, Add* | *13.32* | |
| | | *For Polished Finish, Add* | *26.65* | |
| 10 14 19 00-0166 | EA | 4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 155.91 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-10.28* | |
| | | *For Oxidized Finish, Add* | *19.65* | |
| | | *For Polished Finish, Add* | *39.31* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0167 | EA | 6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 214.04 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-13.71* | |
| | | *For Oxidized Finish, Add* | *27.60* | |
| | | *For Polished Finish, Add* | *55.20* | |
| 10 14 19 00-0168 | EA | 8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 291.31 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-18.00* | |
| | | *For Oxidized Finish, Add* | *38.55* | |
| | | *For Polished Finish, Add* | *77.09* | |
| 10 14 19 00-0169 | EA | 10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 398.25 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-23.77* | |
| | | *For Oxidized Finish, Add* | *53.94* | |
| | | *For Polished Finish, Add* | *107.89* | |
| 10 14 19 00-0170 | EA | 12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 549.19 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-31.92* | |
| | | *For Oxidized Finish, Add* | *75.68* | |
| | | *For Polished Finish, Add* | *151.37* | |
| 10 14 19 00-0171 | EA | 14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 686.62 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-39.48* | |
| | | *For Oxidized Finish, Add* | *95.27* | |
| | | *For Polished Finish, Add* | *190.54* | |
| 10 14 19 00-0172 | EA | 16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 800.39 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-46.20* | |
| | | *For Oxidized Finish, Add* | *110.79* | |
| | | *For Polished Finish, Add* | *221.57* | |
| 10 14 19 00-0173 | EA | 18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,070.99 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-60.42* | |
| | | *For Oxidized Finish, Add* | *150.35* | |
| | | *For Polished Finish, Add* | *300.69* | |
| 10 14 19 00-0174 | EA | 20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,170.76 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-66.26* | |
| | | *For Oxidized Finish, Add* | *164.03* | |
| | | *For Polished Finish, Add* | *328.05* | |
| 10 14 19 00-0175 | EA | 22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,491.23 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-82.72* | |
| | | *For Oxidized Finish, Add* | *211.45* | |
| | | *For Polished Finish, Add* | *422.90* | |
| 10 14 19 00-0176 | EA | 24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 1,899.39 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-103.55* | |
| | | *For Oxidized Finish, Add* | *272.03* | |
| | | *For Polished Finish, Add* | *544.07* | |
| 10 14 19 00-0177 | EA | 30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs | 2,875.16 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-154.06* | |
| | | *For Oxidized Finish, Add* | *415.82* | |
| | | *For Polished Finish, Add* | *831.65* | |

10 14 19 00-0178 Satin Finish, Bronze Characters *(10 14 19 00-0049)*

10 14 19 00-0179 1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0180 | EA | 2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 60.70 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.18* | |
| | | *For Oxidized Finish, Add* | *5.89* | |
| | | *For Polished Or Patina Finish, Add* | *11.77* | |
| 10 14 19 00-0181 | EA | 4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 79.54 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-6.47* | |
| | | *For Oxidized Finish, Add* | *8.20* | |
| | | *For Polished Or Patina Finish, Add* | *16.40* | |
| 10 14 19 00-0182 | EA | 6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 111.32 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-8.57* | |
| | | *For Oxidized Finish, Add* | *12.19* | |
| | | *For Polished Or Patina Finish, Add* | *24.38* | |
| 10 14 19 00-0183 | EA | 8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 147.85 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-10.83* | |
| | | *For Oxidized Finish, Add* | *17.03* | |
| | | *For Polished Or Patina Finish, Add* | *34.05* | |
| 10 14 19 00-0184 | EA | 10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 191.37 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-13.43* | |
| | | *For Oxidized Finish, Add* | *22.91* | |
| | | *For Polished Or Patina Finish, Add* | *45.83* | |
| 10 14 19 00-0185 | EA | 12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 243.64 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-16.65* | |
| | | *For Oxidized Finish, Add* | *29.85* | |
| | | *For Polished Or Patina Finish, Add* | *59.70* | |
| 10 14 19 00-0186 | EA | 14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 306.55 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-20.48* | |
| | | *For Oxidized Finish, Add* | *38.26* | |
| | | *For Polished Or Patina Finish, Add* | *76.52* | |
| 10 14 19 00-0187 | EA | 16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 381.33 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-25.25* | |
| | | *For Oxidized Finish, Add* | *47.93* | |
| | | *For Polished Or Patina Finish, Add* | *95.86* | |
| 10 14 19 00-0188 | EA | 18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 458.27 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-29.78* | |
| | | *For Oxidized Finish, Add* | *58.44* | |
| | | *For Polished Or Patina Finish, Add* | *116.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0189 | EA | 20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 545.32 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-34.99* | |
| | | *For Oxidized Finish, Add* | *70.21* | |
| | | *For Polished Or Patina Finish, Add* | *140.42* | |
| 10 14 19 00-0190 | EA | 22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 639.30 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-40.12* | |
| | | *For Oxidized Finish, Add* | *83.66* | |
| | | *For Polished Or Patina Finish, Add* | *167.33* | |
| 10 14 19 00-0191 | EA | 24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 743.09 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-45.74* | |
| | | *For Oxidized Finish, Add* | *98.59* | |
| | | *For Polished Or Patina Finish, Add* | *197.18* | |
| 10 14 19 00-0192 | EA | 30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 1,137.23 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-67.16* | |
| | | *For Oxidized Finish, Add* | *155.13* | |
| | | *For Polished Or Patina Finish, Add* | *310.27* | |

### 10 14 19 00-0193 3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0194 | EA | 2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 73.26 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.81* | |
| | | *For Oxidized Finish, Add* | *7.77* | |
| | | *For Polished Or Patina Finish, Add* | *15.54* | |
| 10 14 19 00-0195 | EA | 4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 96.49 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-7.31* | |
| | | *For Oxidized Finish, Add* | *10.74* | |
| | | *For Polished Or Patina Finish, Add* | *21.48* | |
| 10 14 19 00-0196 | EA | 6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 142.21 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-10.11* | |
| | | *For Oxidized Finish, Add* | *16.83* | |
| | | *For Polished Or Patina Finish, Add* | *33.65* | |
| 10 14 19 00-0197 | EA | 8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 189.85 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-12.93* | |
| | | *For Oxidized Finish, Add* | *23.33* | |
| | | *For Polished Or Patina Finish, Add* | *46.65* | |
| 10 14 19 00-0198 | EA | 10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 260.11 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-16.87* | |
| | | *For Oxidized Finish, Add* | *33.22* | |
| | | *For Polished Or Patina Finish, Add* | *66.45* | |
| 10 14 19 00-0199 | EA | 12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 331.20 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-21.02* | |
| | | *For Oxidized Finish, Add* | *42.98* | |
| | | *For Polished Or Patina Finish, Add* | *85.97* | |
| 10 14 19 00-0200 | EA | 14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 416.23 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-25.96* | |
| | | *For Oxidized Finish, Add* | *54.71* | |
| | | *For Polished Or Patina Finish, Add* | *109.42* | |
| 10 14 19 00-0201 | EA | 16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 515.52 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-31.96* | |
| | | *For Oxidized Finish, Add* | *68.06* | |
| | | *For Polished Or Patina Finish, Add* | *136.11* | |
| 10 14 19 00-0202 | EA | 18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 625.79 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-38.16* | |
| | | *For Oxidized Finish, Add* | *83.57* | |
| | | *For Polished Or Patina Finish, Add* | *167.13* | |
| 10 14 19 00-0203 | EA | 20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 746.59 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-45.06* | |
| | | *For Oxidized Finish, Add* | *100.40* | |
| | | *For Polished Or Patina Finish, Add* | *200.80* | |
| 10 14 19 00-0204 | EA | 22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 879.14 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-52.11* | |
| | | *For Oxidized Finish, Add* | *119.64* | |
| | | *For Polished Or Patina Finish, Add* | *239.28* | |
| 10 14 19 00-0205 | EA | 24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 999.42 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-58.56* | |
| | | *For Oxidized Finish, Add* | *137.04* | |
| | | *For Polished Or Patina Finish, Add* | *274.07* | |
| 10 14 19 00-0206 | EA | 30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 1,375.11 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-79.06* | |
| | | *For Oxidized Finish, Add* | *190.82* | |
| | | *For Polished Or Patina Finish, Add* | *381.63* | |

### 10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0208 | EA | 2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 76.00 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.95* | |
| | | *For Oxidized Finish, Add* | *8.18* | |
| | | *For Polished Or Patina Finish, Add* | *16.36* | |
| 10 14 19 00-0209 | EA | 4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 116.16 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-8.30* | |
| | | *For Oxidized Finish, Add* | *13.69* | |
| | | *For Polished Or Patina Finish, Add* | *27.38* | |
| 10 14 19 00-0210 | EA | 6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 167.40 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-11.37* | |
| | | *For Oxidized Finish, Add* | *20.60* | |
| | | *For Polished Or Patina Finish, Add* | *41.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0211 | EA | 8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 232.99 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-15.08* | |
| | | *For Oxidized Finish, Add* | *29.80* | |
| | | *For Polished Or Patina Finish, Add* | *59.60* | |
| 10 14 19 00-0212 | EA | 10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 321.21 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-19.92* | |
| | | *For Oxidized Finish, Add* | *42.39* | |
| | | *For Polished Or Patina Finish, Add* | *84.78* | |
| 10 14 19 00-0213 | EA | 12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 440.64 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-26.50* | |
| | | *For Oxidized Finish, Add* | *59.40* | |
| | | *For Polished Or Patina Finish, Add* | *118.80* | |
| 10 14 19 00-0214 | EA | 14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 574.36 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-33.87* | |
| | | *For Oxidized Finish, Add* | *78.43* | |
| | | *For Polished Or Patina Finish, Add* | *156.86* | |
| 10 14 19 00-0215 | EA | 16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 720.01 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-42.18* | |
| | | *For Oxidized Finish, Add* | *98.73* | |
| | | *For Polished Or Patina Finish, Add* | *197.46* | |
| 10 14 19 00-0216 | EA | 18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 886.81 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-51.21* | |
| | | *For Oxidized Finish, Add* | *122.72* | |
| | | *For Polished Or Patina Finish, Add* | *245.44* | |
| 10 14 19 00-0217 | EA | 20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 1,064.87 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-60.97* | |
| | | *For Oxidized Finish, Add* | *148.14* | |
| | | *For Polished Or Patina Finish, Add* | *296.28* | |
| 10 14 19 00-0218 | EA | 22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 1,263.98 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-71.35* | |
| | | *For Oxidized Finish, Add* | *177.36* | |
| | | *For Polished Or Patina Finish, Add* | *354.73* | |
| 10 14 19 00-0219 | EA | 24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 1,472.64 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-82.22* | |
| | | *For Oxidized Finish, Add* | *208.02* | |
| | | *For Polished Or Patina Finish, Add* | *416.04* | |
| 10 14 19 00-0220 | EA | 30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs | 2,068.04 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-113.70* | |
| | | *For Oxidized Finish, Add* | *294.75* | |
| | | *For Polished Or Patina Finish, Add* | *589.51* | |

10 14 19 00-0221 Satin Finish, Copper Characters *(10 14 19 00-0049)*

10 14 19 00-0222 1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0223 | EA | 2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 56.99 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.00* | |
| | | *For Polished Finish, Add* | *10.66* | |
| 10 14 19 00-0224 | EA | 4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 75.65 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-6.27* | |
| | | *For Polished Finish, Add* | *15.23* | |
| 10 14 19 00-0225 | EA | 6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 108.72 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-8.44* | |
| | | *For Polished Finish, Add* | *23.60* | |
| 10 14 19 00-0226 | EA | 8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 146.01 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-10.73* | |
| | | *For Polished Finish, Add* | *33.50* | |
| 10 14 19 00-0227 | EA | 10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 187.09 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-13.22* | |
| | | *For Polished Finish, Add* | *44.54* | |
| 10 14 19 00-0228 | EA | 12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 240.06 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-16.47* | |
| | | *For Polished Finish, Add* | *58.63* | |
| 10 14 19 00-0229 | EA | 14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 302.76 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-20.29* | |
| | | *For Polished Finish, Add* | *75.38* | |
| 10 14 19 00-0230 | EA | 16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 373.98 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-24.88* | |
| | | *For Polished Finish, Add* | *93.65* | |
| 10 14 19 00-0231 | EA | 18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 450.64 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-29.40* | |
| | | *For Polished Finish, Add* | *114.59* | |
| 10 14 19 00-0232 | EA | 20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 535.36 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-34.49* | |
| | | *For Polished Finish, Add* | *137.43* | |
| 10 14 19 00-0233 | EA | 22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 628.49 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-39.58* | |
| | | *For Polished Finish, Add* | *164.08* | |
| 10 14 19 00-0234 | EA | 24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 729.21 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-45.04* | |
| | | *For Polished Finish, Add* | *193.01* | |
| 10 14 19 00-0235 | EA | 30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 1,055.35 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-63.07* | |
| | | *For Polished Finish, Add* | *285.70* | |

10 14 19 00-0236 3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0237 | EA | 2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 65.87 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.44* | |
| | | *For Polished Finish, Add* | *13.32* | |
| 10 14 19 00-0238 | EA | 4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 90.88 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-7.03* | |
| | | *For Polished Finish, Add* | *19.80* | |
| 10 14 19 00-0239 | EA | 6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 136.25 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-9.82* | |
| | | *For Polished Finish, Add* | *31.86* | |
| 10 14 19 00-0240 | EA | 8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 190.68 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-12.97* | |
| | | *For Polished Finish, Add* | *46.90* | |
| 10 14 19 00-0241 | EA | 10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 261.33 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-16.93* | |
| | | *For Polished Finish, Add* | *66.81* | |
| 10 14 19 00-0242 | EA | 12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 328.00 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-20.86* | |
| | | *For Polished Finish, Add* | *85.01* | |
| 10 14 19 00-0243 | EA | 14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 415.82 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-25.94* | |
| | | *For Polished Finish, Add* | *109.30* | |
| 10 14 19 00-0244 | EA | 16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 514.45 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-31.90* | |
| | | *For Polished Finish, Add* | *135.79* | |
| 10 14 19 00-0245 | EA | 18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 622.53 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-37.99* | |
| | | *For Polished Finish, Add* | *166.16* | |
| 10 14 19 00-0246 | EA | 20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 741.51 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-44.80* | |
| | | *For Polished Finish, Add* | *199.28* | |
| 10 14 19 00-0247 | EA | 22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 874.61 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-51.89* | |
| | | *For Polished Finish, Add* | *237.92* | |
| 10 14 19 00-0248 | EA | 24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 986.56 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-57.91* | |
| | | *For Polished Finish, Add* | *270.22* | |
| 10 14 19 00-0249 | EA | 30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs | 1,388.67 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-79.73* | |
| | | *For Polished Finish, Add* | *385.70* | |

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0252 | EA | 2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 58.07 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.05* | |
| | | *For Polished Finish, Add* | *10.98* | |
| 10 14 19 00-0253 | EA | 4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 77.98 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-6.39* | |
| | | *For Polished Finish, Add* | *15.93* | |
| 10 14 19 00-0254 | EA | 6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 101.44 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-8.08* | |
| | | *For Polished Finish, Add* | *21.42* | |
| 10 14 19 00-0255 | EA | 8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 133.20 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-10.09* | |
| | | *For Polished Finish, Add* | *29.66* | |
| 10 14 19 00-0256 | EA | 10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 164.94 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-12.11* | |
| | | *For Polished Finish, Add* | *37.90* | |
| 10 14 19 00-0257 | EA | 12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 203.91 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-14.66* | |
| | | *For Polished Finish, Add* | *47.78* | |
| 10 14 19 00-0258 | EA | 14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 245.55 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-17.43* | |
| | | *For Polished Finish, Add* | *58.22* | |
| 10 14 19 00-0259 | EA | 16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 294.31 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-20.90* | |
| | | *For Polished Finish, Add* | *69.75* | |
| 10 14 19 00-0260 | EA | 18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 345.11 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-24.12* | |
| | | *For Polished Finish, Add* | *82.93* | |
| 10 14 19 00-0261 | EA | 20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 404.95 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-27.97* | |
| | | *For Polished Finish, Add* | *98.31* | |
| 10 14 19 00-0262 | EA | 22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 475.15 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-31.91* | |
| | | *For Polished Finish, Add* | *118.08* | |
| 10 14 19 00-0263 | EA | 24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 547.17 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-35.94* | |
| | | *For Polished Finish, Add* | *138.40* | |
| 10 14 19 00-0264 | EA | 30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 758.39 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-48.22* | |
| | | *For Polished Finish, Add* | *196.61* | |

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 19 00-0266 | EA | 2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 70.89 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-5.69* | |
| | | *For Polished Finish, Add* | *14.83* | |
| 10 14 19 00-0267 | EA | 4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 96.56 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-7.32* | |
| | | *For Polished Finish, Add* | *21.50* | |
| 10 14 19 00-0268 | EA | 6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 125.00 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-9.25* | |
| | | *For Polished Finish, Add* | *28.49* | |
| 10 14 19 00-0269 | EA | 8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 161.87 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-11.53* | |
| | | *For Polished Finish, Add* | *38.26* | |
| 10 14 19 00-0270 | EA | 10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 201.57 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-13.94* | |
| | | *For Polished Finish, Add* | *48.89* | |
| 10 14 19 00-0271 | EA | 12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 250.10 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-16.97* | |
| | | *For Polished Finish, Add* | *61.64* | |
| 10 14 19 00-0272 | EA | 14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 301.83 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-20.24* | |
| | | *For Polished Finish, Add* | *75.10* | |
| 10 14 19 00-0273 | EA | 16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 361.73 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-24.27* | |
| | | *For Polished Finish, Add* | *89.98* | |
| 10 14 19 00-0274 | EA | 18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 422.51 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-27.99* | |
| | | *For Polished Finish, Add* | *106.15* | |
| 10 14 19 00-0275 | EA | 20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 496.71 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-32.56* | |
| | | *For Polished Finish, Add* | *125.84* | |
| 10 14 19 00-0276 | EA | 22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 561.74 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-36.24* | |
| | | *For Polished Finish, Add* | *144.06* | |
| 10 14 19 00-0277 | EA | 24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 648.66 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-41.02* | |
| | | *For Polished Finish, Add* | *168.85* | |
| 10 14 19 00-0278 | EA | 30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 902.58 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-55.43* | |
| | | *For Polished Finish, Add* | *239.87* | |

### 10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

| | | | | |
|---|---|---|---|---|
| 10 14 19 00-0280 | EA | 2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 87.36 | 5.37 |
| | | *For Installation With Adhesive, Deduct* | *-6.51* | |
| | | *For Polished Finish, Add* | *19.77* | |
| 10 14 19 00-0281 | EA | 4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 120.45 | 6.22 |
| | | *For Installation With Adhesive, Deduct* | *-8.51* | |
| | | *For Polished Finish, Add* | *28.67* | |
| 10 14 19 00-0282 | EA | 6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 156.41 | 7.51 |
| | | *For Installation With Adhesive, Deduct* | *-10.82* | |
| | | *For Polished Finish, Add* | *37.91* | |
| 10 14 19 00-0283 | EA | 8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 208.33 | 8.58 |
| | | *For Installation With Adhesive, Deduct* | *-13.85* | |
| | | *For Polished Finish, Add* | *52.20* | |
| 10 14 19 00-0284 | EA | 10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 260.94 | 9.66 |
| | | *For Installation With Adhesive, Deduct* | *-16.91* | |
| | | *For Polished Finish, Add* | *66.70* | |
| 10 14 19 00-0285 | EA | 12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 324.95 | 11.16 |
| | | *For Installation With Adhesive, Deduct* | *-20.71* | |
| | | *For Polished Finish, Add* | *84.09* | |
| 10 14 19 00-0286 | EA | 14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 393.03 | 12.88 |
| | | *For Installation With Adhesive, Deduct* | *-24.80* | |
| | | *For Polished Finish, Add* | *102.46* | |
| 10 14 19 00-0287 | EA | 16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 471.00 | 15.45 |
| | | *For Installation With Adhesive, Deduct* | *-29.73* | |
| | | *For Polished Finish, Add* | *122.76* | |
| 10 14 19 00-0288 | EA | 18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 563.49 | 17.16 |
| | | *For Installation With Adhesive, Deduct* | *-35.04* | |
| | | *For Polished Finish, Add* | *148.44* | |
| 10 14 19 00-0289 | EA | 20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 663.83 | 19.31 |
| | | *For Installation With Adhesive, Deduct* | *-40.92* | |
| | | *For Polished Finish, Add* | *175.97* | |
| 10 14 19 00-0290 | EA | 22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 746.73 | 20.39 |
| | | *For Installation With Adhesive, Deduct* | *-45.49* | |
| | | *For Polished Finish, Add* | *199.55* | |
| 10 14 19 00-0291 | EA | 24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 865.49 | 21.46 |
| | | *For Installation With Adhesive, Deduct* | *-51.86* | |
| | | *For Polished Finish, Add* | *233.90* | |
| 10 14 19 00-0292 | EA | 30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs | 1,210.61 | 25.76 |
| | | *For Installation With Adhesive, Deduct* | *-70.83* | |
| | | *For Polished Finish, Add* | *332.28* | |

## 10 14 23 Panel Signage *(10 14)*

### 10 14 23 11 Panel Signage *(10 14 23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 23 11-0001 | | **Indoor/Outdoor Signs** *(10 14 23 11)*<br>Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc. | | |
| 10 14 23 11-0002 | | **Surface Mount, Indoor/Outdoor Signs** *(10 14 23 11-0001)* | | |
| 10 14 23 11-0003 | | **Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs** *(10 14 23 11-0002)*<br>Note: Multi-color with words, symbols and graphics. | | |
| 10 14 23 11-0004 | EA | Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign | 23.37 | 8.60 |
| | | *For >25 To 50, Deduct* | *-0.62* | |
| | | *For >50 To 100, Deduct* | *-1.54* | |
| | | *For >100, Deduct* | *-1.85* | |
| | | *For Clear Glass Mount, Add* | *4.94* | |
| | | *For Glow-In-Dark, Add* | *12.34* | |
| | | *For Reflective Finish, Add* | *13.88* | |
| 10 14 23 11-0005 | EA | >25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign | 27.78 | 8.60 |
| | | *For >25 To 50, Deduct* | *-1.06* | |
| | | *For >50 To 100, Deduct* | *-2.65* | |
| | | *For >100, Deduct* | *-3.17* | |
| | | *For Clear Glass Mount, Add* | *8.46* | |
| | | *For Glow-In-Dark, Add* | *21.16* | |
| | | *For Reflective Finish, Add* | *23.81* | |
| 10 14 23 11-0006 | EA | >50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign | 34.84 | 8.60 |
| | | *For >25 To 50, Deduct* | *-1.76* | |
| | | *For >50 To 100, Deduct* | *-4.41* | |
| | | *For >100, Deduct* | *-5.29* | |
| | | *For Clear Glass Mount, Add* | *14.11* | |
| | | *For Glow-In-Dark, Add* | *35.28* | |
| | | *For Reflective Finish, Add* | *39.69* | |
| 10 14 23 11-0007 | EA | >100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign | 43.66 | 8.60 |
| | | *For >25 To 50, Deduct* | *-2.65* | |
| | | *For >50 To 100, Deduct* | *-6.62* | |
| | | *For >100, Deduct* | *-7.94* | |
| | | *For Clear Glass Mount, Add* | *21.17* | |
| | | *For Glow-In-Dark, Add* | *52.92* | |
| | | *For Reflective Finish, Add* | *59.54* | |
| 10 14 23 11-0008 | EA | >250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign | 59.54 | 8.60 |
| | | *For >25 To 50, Deduct* | *-4.23* | |
| | | *For >50 To 100, Deduct* | *-10.59* | |
| | | *For >100, Deduct* | *-12.70* | |
| | | *For Clear Glass Mount, Add* | *33.87* | |
| | | *For Glow-In-Dark, Add* | *84.68* | |
| | | *For Reflective Finish, Add* | *95.27* | |
| 10 14 23 11-0009 | EA | >500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign | 87.76 | 8.60 |
| | | *For >25 To 50, Deduct* | *-7.06* | |
| | | *For >50 To 100, Deduct* | *-17.64* | |
| | | *For >100, Deduct* | *-21.17* | |
| | | *For Clear Glass Mount, Add* | *56.45* | |
| | | *For Glow-In-Dark, Add* | *141.12* | |
| | | *For Reflective Finish, Add* | *158.76* | |
| 10 14 23 11-0010 | EA | >750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign | 123.04 | 8.60 |
| | | *For >25 To 50, Deduct* | *-10.58* | |
| | | *For >50 To 100, Deduct* | *-26.46* | |
| | | *For >100, Deduct* | *-31.75* | |
| | | *For Clear Glass Mount, Add* | *84.67* | |
| | | *For Glow-In-Dark, Add* | *211.68* | |
| | | *For Reflective Finish, Add* | *238.14* | |
| 10 14 23 11-0011 | SI | >1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign | 0.14 | 0.01 |
| | | *For Clear Glass Mount, Add* | *0.10* | |
| | | *For Glow-In-Dark, Add* | *0.24* | |
| | | *For Reflective Finish, Add* | *0.27* | |
| 10 14 23 11-0012 | | **Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs** *(10 14 23 11-0002)*<br>Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. | | |
| 10 14 23 11-0013 | EA | Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign | 25.14 | 8.60 |
| | | *For >25 To 50, Deduct* | *-0.79* | |
| | | *For >50 To 100, Deduct* | *-1.99* | |
| | | *For >100, Deduct* | *-2.38* | |
| | | *For Glow-In-Dark, Add* | *15.88* | |
| | | *For Reflective Finish, Add* | *17.07* | |
| 10 14 23 11-0014 | EA | >25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign | 29.55 | 8.60 |
| | | *For >25 To 50, Deduct* | *-1.24* | |
| | | *For >50 To 100, Deduct* | *-3.09* | |
| | | *For >100, Deduct* | *-3.71* | |
| | | *For Glow-In-Dark, Add* | *24.70* | |
| | | *For Reflective Finish, Add* | *26.55* | |
| 10 14 23 11-0015 | EA | >50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign | 38.37 | 8.60 |
| | | *For >25 To 50, Deduct* | *-2.12* | |
| | | *For >50 To 100, Deduct* | *-5.29* | |
| | | *For >100, Deduct* | *-6.35* | |
| | | *For Glow-In-Dark, Add* | *42.34* | |
| | | *For Reflective Finish, Add* | *45.52* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 23 11-0016 | EA | >100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign | 47.19 | 8.60 |
| | | *For >25 To 50, Deduct* | *-3.00* | |
| | | *For >50 To 100, Deduct* | *-7.50* | |
| | | *For >100, Deduct* | *-9.00* | |
| | | *For Glow-In-Dark, Add* | *59.98* | |
| | | *For Reflective Finish, Add* | *64.48* | |
| 10 14 23 11-0017 | EA | >250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign | 60.42 | 8.60 |
| | | *For >25 To 50, Deduct* | *-4.32* | |
| | | *For >50 To 100, Deduct* | *-10.81* | |
| | | *For >100, Deduct* | *-12.97* | |
| | | *For Glow-In-Dark, Add* | *86.44* | |
| | | *For Reflective Finish, Add* | *92.92* | |
| 10 14 23 11-0018 | EA | >500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign | 73.65 | 8.60 |
| | | *For >25 To 50, Deduct* | *-5.65* | |
| | | *For >50 To 100, Deduct* | *-14.11* | |
| | | *For >100, Deduct* | *-16.94* | |
| | | *For Glow-In-Dark, Add* | *112.90* | |
| | | *For Reflective Finish, Add* | *121.37* | |
| 10 14 23 11-0019 | EA | >750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign | 87.76 | 8.60 |
| | | *For >25 To 50, Deduct* | *-7.06* | |
| | | *For >50 To 100, Deduct* | *-17.64* | |
| | | *For >100, Deduct* | *-21.17* | |
| | | *For Glow-In-Dark, Add* | *141.12* | |
| | | *For Reflective Finish, Add* | *151.70* | |
| 10 14 23 11-0020 | SI | >1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign | 0.10 | 0.01 |
| | | *For Glow-In-Dark, Add* | *0.16* | |
| | | *For Reflective Finish, Add* | *0.17* | |

### 10 14 23 11-0021 Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

| | | | | |
|---|---|---|---|---|
| 10 14 23 11-0022 | EA | Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille | 38.37 | 8.60 |
| | | *For >25 To 50, Deduct* | *-2.12* | |
| | | *For >50 To 100, Deduct* | *-5.29* | |
| | | *For >100, Deduct* | *-6.35* | |
| | | *For Molded Plastic Frame, Add* | *15.00* | |
| | | *For Brushed Metal Finish/Faux Metal Finish, Add* | *23.00* | |
| | | *For 2" Height Slider Channel For Custom Inserts, Add* | *35.00* | |
| 10 14 23 11-0023 | EA | >25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille | 43.66 | 8.60 |
| | | *For >25 To 50, Deduct* | *-2.65* | |
| | | *For >50 To 100, Deduct* | *-6.62* | |
| | | *For >100, Deduct* | *-7.94* | |
| | | *For Molded Plastic Frame, Add* | *17.00* | |
| | | *For Brushed Metal Finish/Faux Metal Finish, Add* | *28.00* | |
| | | *For 2" Height Slider Channel For Custom Inserts, Add* | *35.00* | |
| 10 14 23 11-0024 | EA | >50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille | 52.48 | 8.60 |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-8.82* | |
| | | *For >100, Deduct* | *-10.58* | |
| | | *For Molded Plastic Frame, Add* | *19.00* | |
| | | *For Brushed Metal Finish/Faux Metal Finish, Add* | *31.00* | |
| 10 14 23 11-0025 | EA | >75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille | 60.77 | 8.60 |
| | | *For >25 To 50, Deduct* | *-4.36* | |
| | | *For >50 To 100, Deduct* | *-10.89* | |
| | | *For >100, Deduct* | *-13.07* | |
| | | *For Molded Plastic Frame, Add* | *21.00* | |
| | | *For Brushed Metal Finish/Faux Metal Finish, Add* | *35.00* | |
| 10 14 23 11-0026 | SI | >100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille | 0.67 | 0.09 |
| | | *For Molded Plastic Frame, Add* | *0.20* | |
| | | *For Brushed Metal Finish/Faux Metal Finish, Add* | *0.31* | |

### 10 14 23 11-0027 Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

| | | | | |
|---|---|---|---|---|
| 10 14 23 11-0028 | EA | Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign | 50.72 | 8.60 |
| | | *For >25 To 50, Deduct* | *-3.35* | |
| | | *For >50 To 100, Deduct* | *-8.38* | |
| | | *For >100, Deduct* | *-10.06* | |
| | | *For Molded Plastic Frame, Add* | *15.00* | |
| 10 14 23 11-0029 | EA | >25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign | 61.30 | 8.60 |
| | | *For >25 To 50, Deduct* | *-4.41* | |
| | | *For >50 To 100, Deduct* | *-11.03* | |
| | | *For >100, Deduct* | *-13.23* | |
| | | *For Molded Plastic Frame, Add* | *17.00* | |
| 10 14 23 11-0030 | EA | >50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign | 75.41 | 8.60 |
| | | *For >25 To 50, Deduct* | *-5.82* | |
| | | *For >50 To 100, Deduct* | *-14.55* | |
| | | *For >100, Deduct* | *-17.46* | |
| | | *For Molded Plastic Frame, Add* | *19.00* | |
| 10 14 23 11-0031 | EA | >75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign | 103.64 | 8.60 |
| | | *For >25 To 50, Deduct* | *-8.64* | |
| | | *For >50 To 100, Deduct* | *-21.61* | |
| | | *For >100, Deduct* | *-25.93* | |
| | | *For Molded Plastic Frame, Add* | *21.00* | |
| 10 14 23 11-0032 | SI | >100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign | 1.03 | 0.09 |
| | | *For Molded Plastic Frame, Add* | *0.20* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 23 11-0033 | | Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)* | | |
| | | Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. | | |
| 10 14 23 11-0034 | EA | Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign | 24.26 | 8.60 |
| | | *For >25 To 50, Deduct* | *-0.71* | |
| | | *For >50 To 100, Deduct* | *-1.77* | |
| | | *For >100, Deduct* | *-2.12* | |
| | | *For Glow-In-Dark, Add* | *4.24* | |
| | | *For Reflective Finish, Add* | *5.30* | |
| 10 14 23 11-0035 | EA | >25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign | 29.55 | 8.60 |
| | | *For >25 To 50, Deduct* | *-1.24* | |
| | | *For >50 To 100, Deduct* | *-3.09* | |
| | | *For >100, Deduct* | *-3.71* | |
| | | *For Glow-In-Dark, Add* | *7.41* | |
| | | *For Reflective Finish, Add* | *9.26* | |
| 10 14 23 11-0036 | EA | >50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign | 40.13 | 8.60 |
| | | *For >25 To 50, Deduct* | *-2.29* | |
| | | *For >50 To 100, Deduct* | *-5.73* | |
| | | *For >100, Deduct* | *-6.88* | |
| | | *For Glow-In-Dark, Add* | *13.76* | |
| | | *For Reflective Finish, Add* | *17.20* | |
| 10 14 23 11-0037 | EA | >100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign | 52.48 | 8.60 |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-8.82* | |
| | | *For >100, Deduct* | *-10.58* | |
| | | *For Glow-In-Dark, Add* | *21.17* | |
| | | *For Reflective Finish, Add* | *26.46* | |
| 10 14 23 11-0038 | EA | >250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign | 89.52 | 8.60 |
| | | *For >25 To 50, Deduct* | *-7.23* | |
| | | *For >50 To 100, Deduct* | *-18.08* | |
| | | *For >100, Deduct* | *-21.70* | |
| | | *For Glow-In-Dark, Add* | *43.39* | |
| | | *For Reflective Finish, Add* | *54.24* | |
| 10 14 23 11-0039 | EA | >500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign | 105.40 | 8.60 |
| | | *For >25 To 50, Deduct* | *-8.82* | |
| | | *For >50 To 100, Deduct* | *-22.05* | |
| | | *For >100, Deduct* | *-26.46* | |
| | | *For Glow-In-Dark, Add* | *52.92* | |
| | | *For Reflective Finish, Add* | *66.15* | |
| 10 14 23 11-0040 | EA | >750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign | 126.57 | 8.60 |
| | | *For >25 To 50, Deduct* | *-10.94* | |
| | | *For >50 To 100, Deduct* | *-27.34* | |
| | | *For >100, Deduct* | *-32.81* | |
| | | *For Glow-In-Dark, Add* | *65.62* | |
| | | *For Reflective Finish, Add* | *82.03* | |
| 10 14 23 11-0041 | SI | >1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign | 0.14 | 0.01 |
| | | *For Glow-In-Dark, Add* | *0.07* | |
| | | *For Reflective Finish, Add* | *0.09* | |
| 10 14 23 11-0042 | | California Title 24, Surface Mount, Signs *(10 14 23 11-0002)* | | |
| 10 14 23 11-0043 | | California Title 24, Surface Mount, Geometric Restroom Signs *(10 14 23 11-0042)* | | |
| | | Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation. | | |
| 10 14 23 11-0044 | EA | 1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign | 82.03 | 8.60 |
| | | *For >25 To 50, Deduct* | *-6.48* | |
| | | *For >50 To 100, Deduct* | *-9.72* | |
| | | *For >100, Deduct* | *-11.02* | |
| 10 14 23 11-0045 | EA | 1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign | 82.03 | 8.60 |
| | | *For >25 To 50, Deduct* | *-6.48* | |
| | | *For >50 To 100, Deduct* | *-9.72* | |
| | | *For >100, Deduct* | *-11.02* | |
| 10 14 23 11-0046 | EA | 1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign | 107.96 | 8.60 |
| | | Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle. | | |
| | | *For >25 To 50, Deduct* | *-9.08* | |
| | | *For >50 To 100, Deduct* | *-13.61* | |
| | | *For >100, Deduct* | *-15.43* | |
| 10 14 23 11-0047 | | California Title 24, Surface Mount, Stairwell Signs *(10 14 23 11-0042)* | | |
| | | Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction. | | |
| 10 14 23 11-0048 | EA | 1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign | 163.52 | 8.60 |
| | | *For >25 To 50, Deduct* | *-14.63* | |
| | | *For >50 To 100, Deduct* | *-21.95* | |
| | | *For >100, Deduct* | *-24.87* | |
| 10 14 23 11-0049 | | Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)* | | |
| 10 14 23 11-0050 | | Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0049)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 23 11-0051 | EA | Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign | 33.78 | 12.03 |
| | | *For >25 To 50, Deduct* | *-0.97* | |
| | | *For >50 To 100, Deduct* | *-2.43* | |
| | | *For >100, Deduct* | *-2.91* | |
| | | *For Glow-In-Dark, Add* | *5.82* | |
| | | *For Reflective Finish, Add* | *7.28* | |
| 10 14 23 11-0052 | EA | >25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign | 41.72 | 12.03 |
| | | *For >25 To 50, Deduct* | *-1.76* | |
| | | *For >50 To 100, Deduct* | *-4.41* | |
| | | *For >100, Deduct* | *-5.29* | |
| | | *For Glow-In-Dark, Add* | *10.58* | |
| | | *For Reflective Finish, Add* | *13.23* | |
| 10 14 23 11-0053 | EA | >50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign | 52.30 | 12.03 |
| | | *For >25 To 50, Deduct* | *-2.82* | |
| | | *For >50 To 100, Deduct* | *-7.06* | |
| | | *For >100, Deduct* | *-8.47* | |
| | | *For Glow-In-Dark, Add* | *16.93* | |
| | | *For Reflective Finish, Add* | *21.17* | |
| 10 14 23 11-0054 | EA | >100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign | 68.18 | 12.03 |
| | | *For >25 To 50, Deduct* | *-4.41* | |
| | | *For >50 To 100, Deduct* | *-11.03* | |
| | | *For >100, Deduct* | *-13.23* | |
| | | *For Glow-In-Dark, Add* | *26.46* | |
| | | *For Reflective Finish, Add* | *33.08* | |

### 10 14 23 11-0055 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

### 10 14 23 11-0056 Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0055)*

| | | | | |
|---|---|---|---|---|
| 10 14 23 11-0057 | EA | Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign | 34.66 | 12.03 |
| | | *For >25 To 50, Deduct* | *-1.06* | |
| | | *For >50 To 100, Deduct* | *-2.65* | |
| | | *For >100, Deduct* | *-3.17* | |
| | | *For Glow-In-Dark, Add* | *6.35* | |
| | | *For Reflective Finish, Add* | *7.94* | |
| 10 14 23 11-0058 | EA | >25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign | 43.48 | 12.03 |
| | | *For >25 To 50, Deduct* | *-1.94* | |
| | | *For >50 To 100, Deduct* | *-4.85* | |
| | | *For >100, Deduct* | *-5.82* | |
| | | *For Glow-In-Dark, Add* | *11.64* | |
| | | *For Reflective Finish, Add* | *14.55* | |
| 10 14 23 11-0059 | EA | >50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign | 62.89 | 12.03 |
| | | *For >25 To 50, Deduct* | *-3.88* | |
| | | *For >50 To 100, Deduct* | *-9.70* | |
| | | *For >100, Deduct* | *-11.64* | |
| | | *For Glow-In-Dark, Add* | *23.29* | |
| | | *For Reflective Finish, Add* | *29.11* | |
| 10 14 23 11-0060 | EA | >100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign | 69.94 | 12.03 |
| | | *For >25 To 50, Deduct* | *-4.59* | |
| | | *For >50 To 100, Deduct* | *-11.47* | |
| | | *For >100, Deduct* | *-13.76* | |
| | | *For Glow-In-Dark, Add* | *27.52* | |
| | | *For Reflective Finish, Add* | *34.40* | |

### 10 14 23 11-0061 Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

### 10 14 23 11-0062 Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0061)*

| | | | | |
|---|---|---|---|---|
| 10 14 23 11-0063 | EA | Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign | 37.31 | 12.03 |
| | | *For >25 To 50, Deduct* | *-1.32* | |
| | | *For >50 To 100, Deduct* | *-3.31* | |
| | | *For >100, Deduct* | *-3.97* | |
| | | *For Glow-In-Dark, Add* | *7.94* | |
| | | *For Reflective Finish, Add* | *9.92* | |
| 10 14 23 11-0064 | EA | >25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign | 50.54 | 12.03 |
| | | *For >25 To 50, Deduct* | *-2.65* | |
| | | *For >50 To 100, Deduct* | *-6.62* | |
| | | *For >100, Deduct* | *-7.94* | |
| | | *For Glow-In-Dark, Add* | *15.88* | |
| | | *For Reflective Finish, Add* | *19.85* | |
| 10 14 23 11-0065 | EA | >50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign | 55.83 | 12.03 |
| | | *For >25 To 50, Deduct* | *-3.18* | |
| | | *For >50 To 100, Deduct* | *-7.94* | |
| | | *For >100, Deduct* | *-9.53* | |
| | | *For Glow-In-Dark, Add* | *19.05* | |
| | | *For Reflective Finish, Add* | *23.81* | |
| 10 14 23 11-0066 | EA | >100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign | 62.89 | 12.03 |
| | | *For >25 To 50, Deduct* | *-3.88* | |
| | | *For >50 To 100, Deduct* | *-9.70* | |
| | | *For >100, Deduct* | *-11.64* | |
| | | *For Glow-In-Dark, Add* | *23.29* | |
| | | *For Reflective Finish, Add* | *29.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 14 23 11-0067** | | **Adhesive Backed Vinyl Characters** *(10 14 23 11)*<br>Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive. | | |
| 10 14 23 11-0068 | EA | 1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 2.38 | 0.68 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *0.42* | |
| 10 14 23 11-0069 | EA | 3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 2.47 | 0.79 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *0.44* | |
| 10 14 23 11-0070 | EA | 1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 2.56 | 0.89 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *0.46* | |
| 10 14 23 11-0071 | EA | 1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 3.38 | 1.03 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *0.58* | |
| 10 14 23 11-0072 | EA | 2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 3.51 | 1.21 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *0.61* | |
| 10 14 23 11-0073 | EA | 3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 5.00 | 1.38 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *0.89* | |
| 10 14 23 11-0074 | EA | 4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 5.38 | 1.55 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *0.99* | |
| 10 14 23 11-0075 | EA | 6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 7.25 | 1.72 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *1.37* | |
| 10 14 23 11-0076 | EA | 8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 8.79 | 1.89 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *1.75* | |
| 10 14 23 11-0077 | EA | 10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character | 11.29 | 2.06 |
| | | *For Pressure Sensitive Vinyl Letters, Custom Cut, Add* | *2.29* | |
| **10 14 23 11-0078** | | **Standoffs For Wall Signage** *(10 14 23 11)*<br>Note: Exxcludes signage | | |
| 10 14 23 11-0079 | EA | 1/2" Diameter x 1/2" Long, Stainless Steel Standoff | 11.46 | 4.30 |
| 10 14 23 11-0080 | EA | 1/2" Diameter x 3/4" Long, Stainless Steel Standoff | 11.83 | 4.30 |
| 10 14 23 11-0081 | EA | 1/2" Diameter x 1" Long, Stainless Steel Standoff | 11.92 | 4.30 |
| 10 14 23 11-0082 | EA | 5/8" Diameter x 1/2" Long, Stainless Steel Standoff | 12.55 | 4.30 |
| 10 14 23 11-0083 | EA | 5/8" Diameter x 3/4" Long, Stainless Steel Standoff | 12.92 | 4.30 |
| 10 14 23 11-0084 | EA | 5/8" Diameter x 1" Long, Stainless Steel Standoff | 13.67 | 4.30 |
| 10 14 23 11-0085 | EA | 3/4" Diameter x 3/4" Long, Stainless Steel Standoff | 13.53 | 5.15 |
| 10 14 23 11-0086 | EA | 3/4" Diameter x 1" Long, Stainless Steel Standoff | 14.55 | 5.15 |
| 10 14 23 11-0087 | EA | 3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff | 15.39 | 5.15 |
| 10 14 23 11-0088 | EA | 1" Diameter x 3/4" Long, Stainless Steel Standoff | 16.25 | 5.15 |
| 10 14 23 11-0089 | EA | 1" Diameter x 1" Long, Stainless Steel Standoff | 17.45 | 5.15 |
| 10 14 23 11-0090 | EA | 1" Diameter x 1-1/2" Long, Stainless Steel Standoff | 18.94 | 5.15 |
| 10 14 23 11-0091 | EA | 5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff | 12.83 | 4.30 |
| 10 14 23 11-0092 | EA | 5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff | 13.11 | 4.30 |
| 10 14 23 11-0093 | EA | 3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff | 14.36 | 5.15 |
| 10 14 23 11-0094 | EA | 3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff | 14.64 | 5.15 |
| 10 14 23 11-0095 | EA | 1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff | 15.87 | 5.15 |
| 10 14 23 11-0096 | EA | 1" Diameter x 1" Long, Clear Anodized Aluminum Standoff | 16.06 | 5.15 |
| **10 14 23 11-0097** | | **Removal And Reinstallation Of Building Signage** *(10 14 23 11)*<br>Note: Includes storage and cleaning. | | |
| 10 14 23 11-0098 | EA | Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF | 150.31 | |
| 10 14 23 11-0099 | EA | Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF | 172.90 | |
| 10 14 23 11-0100 | EA | Removal And Reinstallation Of Building Signage, >12 To 20 SF | 194.37 | |
| 10 14 23 11-0101 | EA | Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF | 51.59 | |
| **10 14 23 11-0102** | | **Building Sign** *(10 14 23 11)*<br>Note: Includes 4" numbers painted on. Installed on building. | | |
| 10 14 23 11-0103 | EA | 6" x 18" Metal Building Sign With Numbers | 117.79 | 20.63 |
| 10 14 23 11-0104 | SF | Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts | 38.35 | 6.01 |
| 10 14 23 11-0105 | SF | Single Sided, Molding On One Side, For Mounting On Structure Up To 20' | 28.61 | 5.58 |
| 10 14 23 11-0106 | EA | Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep | 22.71 | 4.72 |
| 10 14 23 11-0107 | EA | Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep | 26.29 | 5.16 |
| 10 14 23 11-0108 | EA | Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep | 28.86 | 5.58 |
| 10 14 23 11-0109 | EA | Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep | 34.14 | 6.01 |
| **10 14 53** | | **Traffic Signage** *(10 14)* | | |
| **10 14 53 11** | | **Traffic Signage** *(10 14 53)* | | |
| 10 14 53 11-0001 | | Traffic Signs *(10 14 53 11)* | | |
| 10 14 53 11-0002 | | Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 11-0001)*<br>Note: Excludes posts. | | |
| 10 14 53 11-0003 | | Aluminum Engineer Grade Stop Signs *(10 14 53 11-0002)* | | |
| 10 14 53 11-0004 | EA | 18" x 18" Aluminum Engineer Grade Stop Sign | 54.00 | 15.48 |
| | | *For Hi-Intensity Grade, Add* | *6.91* | |
| | | *For Diamond Grade, Add* | *13.13* | |
| 10 14 53 11-0005 | EA | 18" x 24" Aluminum Engineer Grade Stop Sign | 62.81 | 16.37 |
| | | *For Hi-Intensity Grade, Add* | *9.04* | |
| | | *For Diamond Grade, Add* | *17.17* | |
| 10 14 53 11-0006 | EA | 24" x 24" Aluminum Engineer Grade Stop Sign | 68.08 | 17.20 |
| | | *For Hi-Intensity Grade, Add* | *13.81* | |
| | | *For Diamond Grade, Add* | *21.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 53 11-0007 | EA | 30" x 30" Aluminum Engineer Grade Stop Sign | 79.25 | 18.09 |
| | | *For Hi-Intensity Grade, Add* | *5.18* | |
| | | *For Diamond Grade, Add* | *28.03* | |
| 10 14 53 11-0008 | EA | 36" x 36" Aluminum Engineer Grade Stop Sign | 106.96 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *15.21* | |
| | | *For Diamond Grade, Add* | *47.70* | |

### 10 14 53 11-0009 Other Reflectorized Traffic Signs *(10 14 53 11-0002)*

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

### 10 14 53 11-0010 Aluminum Engineer Grade Traffic Signs *(10 14 53 11-0009)*

| | | | | |
|---|---|---|---|---|
| 10 14 53 11-0011 | EA | 6" x 12" Aluminum Engineer Grade Traffic Sign | 33.23 | 13.76 |
| | | *For Hi-Intensity Grade, Add* | *1.71* | |
| 10 14 53 11-0012 | EA | 6" x 18" Aluminum Engineer Grade Traffic Sign | 36.08 | 13.76 |
| | | *For Hi-Intensity Grade, Add* | *2.57* | |
| 10 14 53 11-0013 | EA | 9" x 12" Aluminum Engineer Grade Traffic Sign | 36.08 | 13.76 |
| | | *For Hi-Intensity Grade, Add* | *2.57* | |
| 10 14 53 11-0014 | EA | 9" x 15" Aluminum Engineer Grade Traffic Sign | 38.22 | 13.76 |
| | | *For Hi-Intensity Grade, Add* | *3.21* | |
| 10 14 53 11-0015 | EA | 9" x 18" Aluminum Engineer Grade Traffic Sign | 40.36 | 13.76 |
| | | *For Hi-Intensity Grade, Add* | *3.85* | |
| 10 14 53 11-0016 | EA | 9" x 24" Aluminum Engineer Grade Traffic Sign | 46.36 | 14.62 |
| | | *For Hi-Intensity Grade, Add* | *5.14* | |
| 10 14 53 11-0017 | EA | 9" x 48" Aluminum Engineer Grade Traffic Sign | 63.48 | 14.62 |
| | | *For Hi-Intensity Grade, Add* | *10.28* | |
| 10 14 53 11-0018 | EA | 12" x 12" Aluminum Engineer Grade Traffic Sign | 38.94 | 13.76 |
| | | *For Hi-Intensity Grade, Add* | *3.43* | |
| 10 14 53 11-0019 | EA | 12" x 18" Aluminum Engineer Grade Traffic Sign | 46.36 | 14.62 |
| | | *For Hi-Intensity Grade, Add* | *5.14* | |
| 10 14 53 11-0020 | EA | 12" x 24" Aluminum Engineer Grade Traffic Sign | 52.06 | 14.62 |
| | | *For Hi-Intensity Grade, Add* | *6.85* | |
| 10 14 53 11-0021 | EA | 12" x 30" Aluminum Engineer Grade Traffic Sign | 57.77 | 14.62 |
| | | *For Hi-Intensity Grade, Add* | *8.56* | |
| 10 14 53 11-0022 | EA | 12" x 36" Aluminum Engineer Grade Traffic Sign | 63.48 | 14.62 |
| | | *For Hi-Intensity Grade, Add* | *10.28* | |
| 10 14 53 11-0023 | EA | 18" x 18" Aluminum Engineer Grade Traffic Sign | 54.92 | 14.62 |
| | | *For Hi-Intensity Grade, Add* | *7.71* | |
| 10 14 53 11-0024 | EA | 18" x 24" Aluminum Engineer Grade Traffic Sign | 63.48 | 14.62 |
| | | *For Hi-Intensity Grade, Add* | *10.28* | |
| 10 14 53 11-0025 | EA | 18" x 30" Aluminum Engineer Grade Traffic Sign | 73.77 | 15.48 |
| | | *For Hi-Intensity Grade, Add* | *12.84* | |
| 10 14 53 11-0026 | EA | 18" x 36" Aluminum Engineer Grade Traffic Sign | 82.34 | 15.48 |
| | | *For Hi-Intensity Grade, Add* | *15.41* | |
| 10 14 53 11-0027 | EA | 18" x 48" Aluminum Engineer Grade Traffic Sign | 106.33 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *20.55* | |
| 10 14 53 11-0028 | EA | 18" x 54" Aluminum Engineer Grade Traffic Sign | 114.89 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *23.12* | |
| 10 14 53 11-0029 | EA | 24" x 24" Aluminum Engineer Grade Traffic Sign | 76.63 | 15.48 |
| | | *For Hi-Intensity Grade, Add* | *13.70* | |
| 10 14 53 11-0030 | EA | 24" x 30" Aluminum Engineer Grade Traffic Sign | 88.04 | 15.48 |
| | | *For Hi-Intensity Grade, Add* | *17.12* | |
| 10 14 53 11-0031 | EA | 24" x 36" Aluminum Engineer Grade Traffic Sign | 99.46 | 15.48 |
| | | *For Hi-Intensity Grade, Add* | *20.55* | |
| 10 14 53 11-0032 | EA | 24" x 42" Aluminum Engineer Grade Traffic Sign | 117.75 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *23.98* | |
| 10 14 53 11-0033 | EA | 24" x 48" Aluminum Engineer Grade Traffic Sign | 129.16 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *27.40* | |
| 10 14 53 11-0034 | EA | 24" x 54" Aluminum Engineer Grade Traffic Sign | 140.58 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *30.83* | |
| 10 14 53 11-0035 | EA | 24" x 60" Aluminum Engineer Grade Traffic Sign | 152.00 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *34.25* | |
| 10 14 53 11-0036 | EA | 30" x 30" Aluminum Engineer Grade Traffic Sign | 102.32 | 15.48 |
| | | *For Hi-Intensity Grade, Add* | *21.41* | |
| 10 14 53 11-0037 | EA | 30" x 36" Aluminum Engineer Grade Traffic Sign | 123.46 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *25.69* | |
| 10 14 53 11-0038 | EA | 30" x 42" Aluminum Engineer Grade Traffic Sign | 137.73 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *29.97* | |
| 10 14 53 11-0039 | EA | 30" x 48" Aluminum Engineer Grade Traffic Sign | 158.88 | 22.36 |
| | | *For Hi-Intensity Grade, Add* | *34.25* | |
| 10 14 53 11-0040 | EA | 30" x 60" Aluminum Engineer Grade Traffic Sign | 194.31 | 25.80 |
| | | *For Hi-Intensity Grade, Add* | *42.81* | |
| 10 14 53 11-0041 | EA | 36" x 36" Aluminum Engineer Grade Traffic Sign | 140.58 | 18.92 |
| | | *For Hi-Intensity Grade, Add* | *30.83* | |
| 10 14 53 11-0042 | EA | 36" x 42" Aluminum Engineer Grade Traffic Sign | 164.59 | 22.36 |
| | | *For Hi-Intensity Grade, Add* | *35.96* | |
| 10 14 53 11-0043 | EA | 36" x 48" Aluminum Engineer Grade Traffic Sign | 188.60 | 25.80 |
| | | *For Hi-Intensity Grade, Add* | *41.10* | |
| 10 14 53 11-0044 | EA | 36" x 54" Aluminum Engineer Grade Traffic Sign | 205.73 | 25.80 |
| | | *For Hi-Intensity Grade, Add* | *46.24* | |
| 10 14 53 11-0045 | EA | 36" x 60" Aluminum Engineer Grade Traffic Sign | 229.73 | 29.23 |
| | | *For Hi-Intensity Grade, Add* | *51.38* | |
| 10 14 53 11-0046 | EA | 36" x 73" Aluminum Engineer Grade Traffic Sign | 273.72 | 32.68 |
| | | *For Hi-Intensity Grade, Add* | *62.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 53 11-0047 | EA | 36" x 78" Aluminum Engineer Grade Traffic Sign | 287.99 | 32.68 |
| | | *For Hi-Intensity Grade, Add* | *66.79* | |
| 10 14 53 11-0048 | EA | 36" x 108" Aluminum Engineer Grade Traffic Sign | 383.93 | 37.83 |
| | | *For Hi-Intensity Grade, Add* | *92.48* | |
| 10 14 53 11-0049 | EA | 42" x 42" Aluminum Engineer Grade Traffic Sign | 191.46 | 25.80 |
| | | *For Hi-Intensity Grade, Add* | *41.96* | |
| 10 14 53 11-0050 | EA | 48" x 48" Aluminum Engineer Grade Traffic Sign | 241.15 | 29.23 |
| | | *For Hi-Intensity Grade, Add* | *54.80* | |
| 10 14 53 11-0051 | EA | 48" x 54" Aluminum Engineer Grade Traffic Sign | 270.86 | 32.68 |
| | | *For Hi-Intensity Grade, Add* | *61.65* | |
| 10 14 53 11-0052 | EA | 48" x 60" Aluminum Engineer Grade Traffic Sign | 293.70 | 32.68 |
| | | *For Hi-Intensity Grade, Add* | *68.50* | |
| 10 14 53 11-0053 | EA | 48" x 66" Aluminum Engineer Grade Traffic Sign | 326.85 | 37.83 |
| | | *For Hi-Intensity Grade, Add* | *75.35* | |
| 10 14 53 11-0054 | EA | 48" x 72" Aluminum Engineer Grade Traffic Sign | 349.68 | 37.83 |
| | | *For Hi-Intensity Grade, Add* | *82.20* | |
| 10 14 53 11-0055 | EA | 48" x 84" Aluminum Engineer Grade Traffic Sign | 402.23 | 41.28 |
| | | *For Hi-Intensity Grade, Add* | *95.90* | |
| 10 14 53 11-0056 | EA | 48" x 96" Aluminum Engineer Grade Traffic Sign | 447.90 | 41.28 |
| | | *For Hi-Intensity Grade, Add* | *109.60* | |
| 10 14 53 11-0057 | EA | 48" x 102" Aluminum Engineer Grade Traffic Sign | 470.73 | 41.28 |
| | | *For Hi-Intensity Grade, Add* | *116.45* | |
| 10 14 53 11-0058 | EA | 48" x 108" Aluminum Engineer Grade Traffic Sign | 496.99 | 43.00 |
| | | *For Hi-Intensity Grade, Add* | *123.30* | |
| 10 14 53 11-0059 | EA | 60" x 72" Aluminum Engineer Grade Traffic Sign | 425.06 | 41.28 |
| | | *For Hi-Intensity Grade, Add* | *102.75* | |
| 10 14 53 11-0060 | EA | 72" x 144" Aluminum Engineer Grade Traffic Sign | 932.08 | 55.04 |
| | | *For Hi-Intensity Grade, Add* | *246.60* | |
| 10 14 53 11-0061 | EA | 78" x 96" Aluminum Engineer Grade Traffic Sign | 679.66 | 43.00 |
| | | *For Hi-Intensity Grade, Add* | *178.10* | |

## 10 14 53 11-0062 Non-Reflectorized Traffic Signs *(10 14 53 11-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

## 10 14 53 11-0063 Steel Non-Reflectorized Traffic Signs *(10 14 53 11-0062)*

| | | | | |
|---|---|---|---|---|
| 10 14 53 11-0064 | EA | 6" x 12" Steel Non Reflectorized Traffic Sign | 32.45 | 13.76 |
| 10 14 53 11-0065 | EA | 6" x 18" Steel Non Reflectorized Traffic Sign | 34.92 | 13.76 |
| 10 14 53 11-0066 | EA | 9" x 12" Steel Non Reflectorized Traffic Sign | 34.92 | 13.76 |
| 10 14 53 11-0067 | EA | 9" x 15" Steel Non Reflectorized Traffic Sign | 36.77 | 13.76 |
| 10 14 53 11-0068 | EA | 9" x 18" Steel Non Reflectorized Traffic Sign | 38.62 | 13.76 |
| 10 14 53 11-0069 | EA | 9" x 24" Steel Non Reflectorized Traffic Sign | 44.03 | 14.62 |
| 10 14 53 11-0070 | EA | 9" x 48" Steel Non Reflectorized Traffic Sign | 58.84 | 14.62 |
| 10 14 53 11-0071 | EA | 12" x 12" Steel Non Reflectorized Traffic Sign | 37.39 | 13.76 |
| 10 14 53 11-0072 | EA | 12" x 18" Steel Non Reflectorized Traffic Sign | 44.03 | 14.62 |
| 10 14 53 11-0073 | EA | 12" x 24" Steel Non Reflectorized Traffic Sign | 48.97 | 14.62 |
| 10 14 53 11-0074 | EA | 12" x 30" Steel Non Reflectorized Traffic Sign | 53.90 | 14.62 |
| 10 14 53 11-0075 | EA | 12" x 36" Steel Non Reflectorized Traffic Sign | 58.84 | 14.62 |
| 10 14 53 11-0076 | EA | 18" x 18" Steel Non Reflectorized Traffic Sign | 51.44 | 14.62 |
| 10 14 53 11-0077 | EA | 18" x 24" Steel Non Reflectorized Traffic Sign | 58.84 | 14.62 |
| 10 14 53 11-0078 | EA | 18" x 30" Steel Non Reflectorized Traffic Sign | 67.97 | 15.48 |
| 10 14 53 11-0079 | EA | 18" x 36" Steel Non Reflectorized Traffic Sign | 75.37 | 15.48 |
| 10 14 53 11-0080 | EA | 18" x 48" Steel Non Reflectorized Traffic Sign | 97.05 | 18.92 |
| 10 14 53 11-0081 | EA | 18" x 54" Steel Non Reflectorized Traffic Sign | 104.45 | 18.92 |
| 10 14 53 11-0082 | EA | 24" x 24" Steel Non Reflectorized Traffic Sign | 70.44 | 15.48 |
| 10 14 53 11-0083 | EA | 24" x 30" Steel Non Reflectorized Traffic Sign | 80.31 | 15.48 |
| 10 14 53 11-0084 | EA | 24" x 36" Steel Non Reflectorized Traffic Sign | 90.18 | 15.48 |
| 10 14 53 11-0085 | EA | 24" x 42" Steel Non Reflectorized Traffic Sign | 106.92 | 18.92 |
| 10 14 53 11-0086 | EA | 24" x 48" Steel Non Reflectorized Traffic Sign | 116.79 | 18.92 |
| 10 14 53 11-0087 | EA | 24" x 54" Steel Non Reflectorized Traffic Sign | 126.66 | 18.92 |
| 10 14 53 11-0088 | EA | 24" x 60" Steel Non Reflectorized Traffic Sign | 136.53 | 18.92 |
| 10 14 53 11-0089 | EA | 30" x 30" Steel Non Reflectorized Traffic Sign | 92.65 | 15.48 |
| 10 14 53 11-0090 | EA | 30" x 36" Steel Non Reflectorized Traffic Sign | 111.85 | 18.92 |
| 10 14 53 11-0091 | EA | 30" x 42" Steel Non Reflectorized Traffic Sign | 124.19 | 18.92 |
| 10 14 53 11-0092 | EA | 30" x 48" Steel Non Reflectorized Traffic Sign | 143.41 | 22.36 |
| 10 14 53 11-0093 | EA | 30" x 60" Steel Non Reflectorized Traffic Sign | 174.97 | 25.80 |
| 10 14 53 11-0094 | EA | 36" x 36" Steel Non Reflectorized Traffic Sign | 126.66 | 18.92 |
| 10 14 53 11-0095 | EA | 36" x 42" Steel Non Reflectorized Traffic Sign | 148.34 | 22.36 |
| 10 14 53 11-0096 | EA | 36" x 48" Steel Non Reflectorized Traffic Sign | 170.04 | 25.80 |
| 10 14 53 11-0097 | EA | 36" x 54" Steel Non Reflectorized Traffic Sign | 184.84 | 25.80 |
| 10 14 53 11-0098 | EA | 36" x 60" Steel Non Reflectorized Traffic Sign | 206.53 | 29.23 |
| 10 14 53 11-0099 | EA | 36" x 73" Steel Non Reflectorized Traffic Sign | 245.48 | 32.68 |
| 10 14 53 11-0100 | EA | 36" x 78" Steel Non Reflectorized Traffic Sign | 257.82 | 32.68 |
| 10 14 53 11-0101 | EA | 36" x 108" Steel Non Reflectorized Traffic Sign | 342.16 | 37.83 |
| 10 14 53 11-0102 | EA | 42" x 42" Steel Non Reflectorized Traffic Sign | 172.51 | 25.80 |
| 10 14 53 11-0103 | EA | 48" x 48" Steel Non Reflectorized Traffic Sign | 216.40 | 29.23 |
| 10 14 53 11-0104 | EA | 48" x 54" Steel Non Reflectorized Traffic Sign | 243.02 | 32.68 |
| 10 14 53 11-0105 | EA | 48" x 60" Steel Non Reflectorized Traffic Sign | 262.76 | 32.68 |
| 10 14 53 11-0106 | EA | 48" x 66" Steel Non Reflectorized Traffic Sign | 292.82 | 37.83 |
| 10 14 53 11-0107 | EA | 48" x 72" Steel Non Reflectorized Traffic Sign | 312.56 | 37.83 |
| 10 14 53 11-0108 | EA | 48" x 84" Steel Non Reflectorized Traffic Sign | 358.91 | 41.28 |
| 10 14 53 11-0109 | EA | 48" x 96" Steel Non Reflectorized Traffic Sign | 398.39 | 41.28 |
| 10 14 53 11-0110 | EA | 48" x 102" Steel Non Reflectorized Traffic Sign | 418.13 | 41.28 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 53 11-0111 | EA | 48" x 108" Steel Non Reflectorized Traffic Sign | 441.30 | 43.00 |
| 10 14 53 11-0112 | EA | 60" x 72" Steel Non Reflectorized Traffic Sign | 378.65 | 41.28 |
| 10 14 53 11-0113 | EA | 72" x 144" Steel Non Reflectorized Traffic Sign | 820.70 | 55.04 |
| 10 14 53 11-0114 | EA | 78" x 96" Steel Non Reflectorized Traffic Sign | 599.22 | 43.00 |
| **10 14 53 11-0115** | | **Aluminum Non-Reflectorized Traffic Signs** *(10 14 53 11-0062)* | | |
| 10 14 53 11-0116 | EA | 6" x 12" Aluminum Non Reflectorized Traffic Sign | 32.66 | 13.76 |
| 10 14 53 11-0117 | EA | 6" x 18" Aluminum Non Reflectorized Traffic Sign | 35.22 | 13.76 |
| 10 14 53 11-0118 | EA | 9" x 12" Aluminum Non Reflectorized Traffic Sign | 35.22 | 13.76 |
| 10 14 53 11-0119 | EA | 9" x 15" Aluminum Non Reflectorized Traffic Sign | 37.15 | 13.76 |
| 10 14 53 11-0120 | EA | 9" x 18" Aluminum Non Reflectorized Traffic Sign | 39.08 | 13.76 |
| 10 14 53 11-0121 | EA | 9" x 24" Aluminum Non Reflectorized Traffic Sign | 44.64 | 14.62 |
| 10 14 53 11-0122 | EA | 9" x 48" Aluminum Non Reflectorized Traffic Sign | 60.05 | 14.62 |
| 10 14 53 11-0123 | EA | 12" x 12" Aluminum Non Reflectorized Traffic Sign | 37.79 | 13.76 |
| 10 14 53 11-0124 | EA | 12" x 18" Aluminum Non Reflectorized Traffic Sign | 44.64 | 14.62 |
| 10 14 53 11-0125 | EA | 12" x 24" Aluminum Non Reflectorized Traffic Sign | 49.77 | 14.62 |
| 10 14 53 11-0126 | EA | 12" x 30" Aluminum Non Reflectorized Traffic Sign | 54.91 | 14.62 |
| 10 14 53 11-0127 | EA | 12" x 36" Aluminum Non Reflectorized Traffic Sign | 60.05 | 14.62 |
| 10 14 53 11-0128 | EA | 18" x 18" Aluminum Non Reflectorized Traffic Sign | 52.34 | 14.62 |
| 10 14 53 11-0129 | EA | 18" x 24" Aluminum Non Reflectorized Traffic Sign | 60.05 | 14.62 |
| 10 14 53 11-0130 | EA | 18" x 30" Aluminum Non Reflectorized Traffic Sign | 69.48 | 15.48 |
| 10 14 53 11-0131 | EA | 18" x 36" Aluminum Non Reflectorized Traffic Sign | 77.18 | 15.48 |
| 10 14 53 11-0132 | EA | 18" x 48" Aluminum Non Reflectorized Traffic Sign | 99.46 | 18.92 |
| 10 14 53 11-0133 | EA | 18" x 54" Aluminum Non Reflectorized Traffic Sign | 107.17 | 18.92 |
| 10 14 53 11-0134 | EA | 24" x 24" Aluminum Non Reflectorized Traffic Sign | 72.05 | 15.48 |
| 10 14 53 11-0135 | EA | 24" x 30" Aluminum Non Reflectorized Traffic Sign | 82.32 | 15.48 |
| 10 14 53 11-0136 | EA | 24" x 36" Aluminum Non Reflectorized Traffic Sign | 92.59 | 15.48 |
| 10 14 53 11-0137 | EA | 24" x 42" Aluminum Non Reflectorized Traffic Sign | 109.73 | 18.92 |
| 10 14 53 11-0138 | EA | 24" x 48" Aluminum Non Reflectorized Traffic Sign | 120.01 | 18.92 |
| 10 14 53 11-0139 | EA | 24" x 54" Aluminum Non Reflectorized Traffic Sign | 130.28 | 18.92 |
| 10 14 53 11-0140 | EA | 24" x 60" Aluminum Non Reflectorized Traffic Sign | 140.55 | 18.92 |
| 10 14 53 11-0141 | EA | 30" x 30" Aluminum Non Reflectorized Traffic Sign | 95.16 | 15.48 |
| 10 14 53 11-0142 | EA | 30" x 36" Aluminum Non Reflectorized Traffic Sign | 114.87 | 18.92 |
| 10 14 53 11-0143 | EA | 30" x 42" Aluminum Non Reflectorized Traffic Sign | 127.71 | 18.92 |
| 10 14 53 11-0144 | EA | 30" x 48" Aluminum Non Reflectorized Traffic Sign | 147.43 | 22.36 |
| 10 14 53 11-0145 | EA | 30" x 60" Aluminum Non Reflectorized Traffic Sign | 180.00 | 25.80 |
| 10 14 53 11-0146 | EA | 36" x 36" Aluminum Non Reflectorized Traffic Sign | 130.28 | 18.92 |
| 10 14 53 11-0147 | EA | 36" x 42" Aluminum Non Reflectorized Traffic Sign | 152.57 | 22.36 |
| 10 14 53 11-0148 | EA | 36" x 48" Aluminum Non Reflectorized Traffic Sign | 174.86 | 25.80 |
| 10 14 53 11-0149 | EA | 36" x 54" Aluminum Non Reflectorized Traffic Sign | 190.27 | 25.80 |
| 10 14 53 11-0150 | EA | 36" x 60" Aluminum Non Reflectorized Traffic Sign | 212.56 | 29.23 |
| 10 14 53 11-0151 | EA | 36" x 73" Aluminum Non Reflectorized Traffic Sign | 252.82 | 32.68 |
| 10 14 53 11-0152 | EA | 36" x 78" Aluminum Non Reflectorized Traffic Sign | 265.66 | 32.68 |
| 10 14 53 11-0153 | EA | 36" x 108" Aluminum Non Reflectorized Traffic Sign | 353.02 | 37.83 |
| 10 14 53 11-0154 | EA | 42" x 42" Aluminum Non Reflectorized Traffic Sign | 177.43 | 25.80 |
| 10 14 53 11-0155 | EA | 48" x 48" Aluminum Non Reflectorized Traffic Sign | 222.83 | 29.23 |
| 10 14 53 11-0156 | EA | 48" x 54" Aluminum Non Reflectorized Traffic Sign | 250.26 | 32.68 |
| 10 14 53 11-0157 | EA | 48" x 60" Aluminum Non Reflectorized Traffic Sign | 270.80 | 32.68 |
| 10 14 53 11-0158 | EA | 48" x 66" Aluminum Non Reflectorized Traffic Sign | 301.66 | 37.83 |
| 10 14 53 11-0159 | EA | 48" x 72" Aluminum Non Reflectorized Traffic Sign | 322.21 | 37.83 |
| 10 14 53 11-0160 | EA | 48" x 84" Aluminum Non Reflectorized Traffic Sign | 370.18 | 41.28 |
| 10 14 53 11-0161 | EA | 48" x 96" Aluminum Non Reflectorized Traffic Sign | 411.26 | 41.28 |
| 10 14 53 11-0162 | EA | 48" x 102" Aluminum Non Reflectorized Traffic Sign | 431.81 | 41.28 |
| 10 14 53 11-0163 | EA | 48" x 108" Aluminum Non Reflectorized Traffic Sign | 455.78 | 43.00 |
| 10 14 53 11-0164 | EA | 60" x 72" Aluminum Non Reflectorized Traffic Sign | 390.72 | 41.28 |
| 10 14 53 11-0165 | EA | 72" x 144" Aluminum Non Reflectorized Traffic Sign | 849.66 | 55.04 |
| 10 14 53 11-0166 | EA | 78" x 96" Aluminum Non Reflectorized Traffic Sign | 620.14 | 43.00 |
| **10 14 53 11-0167** | | **Aluminum Street Signs** *(10 14 53 11-0001)* | | |
| | | Note: Excludes posts. | | |
| **10 14 53 11-0168** | | **Aluminum Engineer Grade Street Signs** *(10 14 53 11-0167)* | | |
| 10 14 53 11-0169 | EA | 6" High, Aluminum Engineer Grade Street Sign | 60.97 | 6.88 |
| | | *For Hi-Intensity Grade, Add* | *14.16* | |
| 10 14 53 11-0170 | EA | 8" High, Aluminum Engineer Grade Street Sign | 69.30 | 6.88 |
| | | *For Hi-Intensity Grade, Add* | *16.66* | |
| 10 14 53 11-0171 | EA | 9" High, Aluminum Engineer Grade Street Sign | 75.51 | 6.88 |
| | | *For Hi-Intensity Grade, Add* | *18.53* | |
| **10 14 53 11-0172** | | **Street Sign Accessories** *(10 14 53 11-0167)* | | |
| 10 14 53 11-0173 | EA | Single Bracket And Post Cap For Street Sign | 18.24 | 3.44 |
| 10 14 53 11-0174 | EA | Double Bracket And Post Cap For Street Sign | 18.24 | 3.44 |
| **10 14 53 11-0175** | | **Sign Posts** *(10 14 53 11-0001)* | | |
| | | Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill. | | |
| **10 14 53 11-0176** | | **U-Channel Sign Posts** *(10 14 53 11-0175)* | | |
| | | Note: Excludes digging and concrete. | | |
| **10 14 53 11-0177** | | **Baked Enamel U-Channel Sign Posts** *(10 14 53 11-0176)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 53 11-0178 | EA | 3' To 4' Baked Enamel U-Channel Sign Post Base | 48.49 | 14.40 |
| 10 14 53 11-0179 | EA | 6' Baked Enamel U-Channel Sign Post | 63.70 | 18.00 |
| 10 14 53 11-0180 | EA | 7' Baked Enamel U-Channel Sign Post | 76.05 | 21.59 |
| 10 14 53 11-0181 | EA | 8' Baked Enamel U-Channel Sign Post | 89.05 | 25.20 |
| 10 14 53 11-0182 | EA | 10' Baked Enamel U-Channel Sign Post | 107.45 | 30.59 |
| 10 14 53 11-0183 | EA | 12' Baked Enamel U-Channel Sign Post | 110.61 | 30.59 |
| **10 14 53 11-0184** | | **Galvanized Steel U-Channel Sign Posts** *(10 14 53 11-0176)* | | |
| 10 14 53 11-0185 | EA | 3' To 4' Galvanized Steel U-Channel Sign Post Base | 52.55 | 14.40 |
| 10 14 53 11-0186 | EA | 6' Galvanized Steel U-Channel Sign Post | 70.14 | 18.00 |
| 10 14 53 11-0187 | EA | 7' Galvanized Steel U-Channel Sign Post | 90.63 | 21.59 |
| 10 14 53 11-0188 | EA | 8' Galvanized Steel U-Channel Sign Post | 105.17 | 25.20 |
| 10 14 53 11-0189 | EA | 10' Galvanized Steel U-Channel Sign Post | 119.18 | 30.59 |
| 10 14 53 11-0190 | EA | 12' Galvanized Steel U-Channel Sign Post | 120.81 | 30.59 |
| **10 14 53 11-0191** | | **Fiberglass Or Composite Plastic U-Channel Sign Posts** *(10 14 53 11-0176)* | | |
| 10 14 53 11-0192 | EA | 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base | 47.54 | 14.40 |
| 10 14 53 11-0193 | EA | 6' Fiberglass Or Composite Plastic U-Channel Sign Post | 61.61 | 18.00 |
| 10 14 53 11-0194 | EA | 7' Fiberglass Or Composite Plastic U-Channel Sign Post | 73.54 | 21.59 |
| 10 14 53 11-0195 | EA | 8' Fiberglass Or Composite Plastic U-Channel Sign Post | 86.06 | 25.20 |
| 10 14 53 11-0196 | EA | 10' Fiberglass Or Composite Plastic U-Channel Sign Post | 102.01 | 30.59 |
| 10 14 53 11-0197 | EA | 12' Fiberglass Or Composite Plastic U-Channel Sign Post | 107.38 | 30.59 |
| **10 14 53 11-0198** | | **Tubular Sign Posts** *(10 14 53 11-0175)*<br>Note: Excludes digging and concrete. | | |
| **10 14 53 11-0199** | | **2-3/8" Diameter, Galvanized Steel Tubular Sign Post** *(10 14 53 11-0198)* | | |
| 10 14 53 11-0200 | EA | 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post | 70.81 | 18.00 |
| 10 14 53 11-0201 | EA | 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post | 84.01 | 21.59 |
| 10 14 53 11-0202 | EA | 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post | 99.26 | 25.20 |
| 10 14 53 11-0203 | EA | 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post | 128.00 | 30.59 |
| 10 14 53 11-0204 | EA | 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post | 139.07 | 30.59 |
| **10 14 53 11-0205** | | **Square Sign Posts** *(10 14 53 11-0175)*<br>Note: Excludes digging and concrete. | | |
| **10 14 53 11-0206** | | **Galvanized Steel Square Sign Posts** *(10 14 53 11-0205)* | | |
| 10 14 53 11-0207 | EA | 3' To 4' Galvanized Steel Square Sign Post Base | 53.46 | 14.40 |
| 10 14 53 11-0208 | EA | 6' Galvanized Steel Square Sign Post | 85.41 | 18.00 |
| 10 14 53 11-0209 | EA | 7' Galvanized Steel Square Sign Post | 100.13 | 21.59 |
| 10 14 53 11-0210 | EA | 8' Galvanized Steel Square Sign Post | 116.79 | 25.20 |
| 10 14 53 11-0211 | EA | 10' Galvanized Steel Square Sign Post | 142.63 | 30.59 |
| 10 14 53 11-0212 | EA | 12' Galvanized Steel Square Sign Post | 150.36 | 30.59 |
| **10 14 53 11-0213** | | **Sign Post Accessories** *(10 14 53 11-0001)* | | |
| **10 14 53 11-0214** | | **Sign Post Brackets** *(10 14 53 11-0213)* | | |
| 10 14 53 11-0215 | EA | 2-3/8" Outside Diameter, Single Side Sign Bracket Set<br>Note: Includes 2 single side sign post brackets | 36.16 | 5.16 |
| 10 14 53 11-0216 | EA | 2-3/8" Outside Diameter, Double Side Sign Bracket Set<br>Note: Includes 2 double side sign post brackets | 48.25 | 8.60 |
| 10 14 53 11-0217 | EA | 4" To 12" Diameter, Buckle Bracket Set<br>Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware | 43.68 | 6.88 |
| **10 14 53 11-0218** | | **Sign Post Caps** *(10 14 53 11-0213)* | | |
| 10 14 53 11-0219 | EA | 2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2) | 16.52 | 3.44 |
| **10 14 53 11-0220** | | **Sign Post Replacement Bolts** *(10 14 53 11-0213)* | | |
| 10 14 53 11-0221 | EA | Signage Fasteners Replacement<br>Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers | 11.50 | |
| **10 14 53 11-0222** | | **Removal Of Signs** *(10 14 53 11)*<br>Note: Includes structural supports. | | |
| 10 14 53 11-0223 | EA | >4 To 10 SF Sign Area, Sign Removal | 137.59 | |
| 10 14 53 11-0224 | EA | >10 To 20 SF Sign Area, Sign Removal | 330.22 | |
| 10 14 53 11-0225 | EA | >20 To 40 SF Sign Area, Sign Removal | 495.33 | |
| 10 14 53 11-0226 | EA | >40 To 100 SF Sign Area, Sign Removal | 893.37 | |
| **10 14 53 11-0227** | | **Removal And Reinstallation Of Signs** *(10 14 53 11)*<br>Note: Includes structural supports. | | |
| 10 14 53 11-0228 | EA | >4 To 10 SF Sign Area, Removal And Reinstallation Of Sign | 209.93 | |
| 10 14 53 11-0229 | EA | >10 To 20 SF Sign Area, Removal And Reinstallation Of Sign | 497.85 | |
| 10 14 53 11-0230 | EA | >20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign | 745.15 | |
| 10 14 53 11-0231 | EA | >40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign | 1,342.05 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 14 53 11-0232 | EA | Removal And Reinstallation Of Street Sign On Post | 79.11 | |
| 10 14 53 11-0233 | EA | Removal And Relocation Of Traffic Light<br>Note: Excludes electrical hookup. | 300.84 | |

## 10 17 Telephone Specialties *(10 10)*

### 10 17 16 Telephone Enclosures *(10 17)*

### 10 17 16 13 Telephone Stalls *(10 17 16)*

| | | | | |
|---|---|---|---|---|
| 10 17 16 13-0001 | EA | Shelf Type, Wall Hung, Average | 3,256.20 | 137.42 |
| 10 17 16 13-0002 | EA | Booth Type, Painted Steel, Indoor Or Outdoor | 8,601.67 | 458.22 |
| 10 17 16 13-0003 | EA | Booth Type, Stainless Steel, Indoor Or Outdoor | 17,046.15 | 458.22 |
| 10 17 16 13-0004 | EA | Outdoor, Acoustical, On Post | 3,055.46 | 228.90 |
| 10 17 16 13-0005 | EA | Phone Carousel, Pedestal Mounted With Dividers | 11,823.14 | 945.13 |
| 10 17 16 13-0006 | EA | Outdoor Drive-up Type, Wall Mounted | 1,967.08 | 171.78 |
| 10 17 16 13-0007 | EA | Outdoor Drive-up Type, Post Mounted, Stainless Steel | 2,959.98 | 225.46 |
| 10 17 16 13-0008 | EA | Telephone Enclosure, Booth Type, Indoor, Stainless Steel 42" High x 26-1/4" Wide x 15-3/16" Deep, Bronze Powder Coated Steel Exterior | 20,688.18 | 458.82 |
| 10 17 16 13-0009 | EA | Telephone Enclosure, Booth Type, Painted Steel, Indoor Or Outdoor (Stainless Steel) | 28,790.13 | 458.82 |
| 10 17 16 13-0010 | EA | Telephone Enclosure, Outdoor, Phone Carousel, Pedestal Mounted With Dividers | 13,096.38 | 1,142.15 |

### 10 17 19 Telephone Shelving *(10 17)*

| | | | | |
|---|---|---|---|---|
| 10 17 19 00-0001 | EA | 3 Binder Directory Shelf | 2,383.88 | 85.89 |
| 10 17 19 00-0002 | EA | Directory Shelf, Wall Mounted, Stainless Steel, 3 Binders | 1,811.21 | 85.89 |
| 10 17 19 00-0003 | EA | Directory Shelf, Wall Mounted, Stainless Steel, 4 Binders | 2,078.94 | 98.34 |
| 10 17 19 00-0004 | EA | Directory Shelf, Wall Mounted, Stainless Steel, 5 Binders | 2,506.39 | 114.67 |
| 10 17 19 00-0005 | EA | Directory Shelf, Table Type, Stainless Steel, 4 Binders | 2,185.65 | 85.89 |
| 10 17 19 00-0006 | EA | Directory Shelf, Table Type, Stainless Steel, 7 Binders | 2,676.02 | 98.34 |

## 10 20 Interior Specialties *(10)*

## 10 21 Compartments and Cubicles *(10 20)*

### 10 21 13 Toilet Compartments *(10 21)*

### 10 21 13 13 Metal Toilet Compartments *(10 21 13)*

10 21 13 13-0001 Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)*
Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.

10 21 13 13-0002 Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)*
Note: All colors.

10 21 13 13-0003 Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 13-0004 | EA | 36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition | 832.16 | 96.62 |
| | | *For >10, Deduct* | *-63.89* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 13-0005 | EA | 60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition | 1,008.69 | 105.21 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 13-0006 | EA | 60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition | 1,077.86 | 109.51 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

10 21 13 13-0007 Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*
Note: Includes headrail.

| | | | | |
|---|---|---|---|---|
| 10 21 13 13-0008 | EA | 36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition | 862.96 | 118.10 |
| | | *For >10, Deduct* | *-62.68* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 13-0009 | EA | 60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition | 1,004.59 | 126.68 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 13-0010 | EA | 60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition | 1,062.51 | 130.98 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

10 21 13 13-0011 Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*
Note: Excludes above ceiling steel.

| | | | | |
|---|---|---|---|---|
| 10 21 13 13-0012 | EA | 36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition | 1,018.50 | 139.57 |
| | | *For >10, Deduct* | *-73.94* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 13-0013 | EA | 60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition | 1,190.31 | 148.16 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 13-0014 | EA | 60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition | 1,250.85 | 152.45 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| **10 21 13 13-0015** | | **Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions** *(10 21 13 13-0002)* | | |
| | | Note: Excludes above ceiling steel. | | |
| 10 21 13 13-0016 | EA | 36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition | 979.20 | 161.04 |
| | | *For >10, Deduct* | *-65.71* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 13-0017 | EA | 60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,180.02 | 169.63 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 13-0018 | EA | 60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,247.42 | 173.93 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| **10 21 13 13-0019** | | **Enamel Coated Steel Urinal Screens** *(10 21 13 13-0001)* | | |
| | | Note: All colors. | | |
| **10 21 13 13-0020** | | **Floor Anchored, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)* | | |
| 10 21 13 13-0021 | EA | 24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen | 438.87 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0022 | EA | 36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen | 486.92 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0023 | EA | 48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen | 536.47 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 13-0024** | | **Wall Hung, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)* | | |
| 10 21 13 13-0025 | EA | 18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen | 245.66 | 51.50 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0026 | EA | 24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen | 264.88 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0027 | EA | 30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen | 279.52 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 13-0028** | | **Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)* | | |
| 10 21 13 13-0029 | EA | 18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen | 319.45 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 13-0030** | | **Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)* | | |
| 10 21 13 13-0031 | EA | 18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen | 358.97 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0032 | EA | 24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen | 382.72 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0033 | EA | 30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen | 406.48 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 13-0034** | | **Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)* | | |
| 10 21 13 13-0035 | EA | 22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen | 405.48 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0036 | EA | 34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen | 435.32 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0037 | EA | 46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen | 481.85 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 13-0038** | | **Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 13-0001)* | | |
| | | Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories. | | |
| **10 21 13 13-0039** | | **Enamel Coated Steel, Toilet Partition Doors** *(10 21 13 13-0038)* | | |
| 10 21 13 13-0040 | EA | 24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door | 265.04 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 13-0041 | EA | 26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door | 271.11 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 13-0042 | EA | 30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door | 287.33 | 18.47 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 13-0043 | EA | 34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door | 314.65 | 18.47 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 13-0044 | EA | 36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door | 320.72 | 18.47 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| **10 21 13 13-0045** | | **Enamel Coated Steel, Toilet Partition Panels** *(10 21 13 13-0038)* | | |
| 10 21 13 13-0046 | EA | 6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 188.11 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0047 | EA | 12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 207.59 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 13-0048 | EA | 18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 227.06 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0049 | EA | 24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 246.53 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0050 | EA | 30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 266.01 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0051 | EA | 36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 285.46 | 36.51 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0052 | EA | 42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 303.42 | 38.65 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0053 | EA | 48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 322.89 | 40.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0054 | EA | 55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 336.29 | 42.94 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0055 | EA | 58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 344.07 | 43.80 |
| | | *For Panel Reinforced At ADA Grab Bar, Add* | *42.00* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0056 | EA | 60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 354.24 | 45.09 |
| | | *For Panel Reinforced At ADA Grab Bar, Add* | *42.00* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0057 | EA | 70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 387.38 | 47.24 |
| | | *For Panel Reinforced At ADA Grab Bar, Add* | *42.00* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0058 | EA | 78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel | 415.95 | 49.38 |
| | | *For Panel Reinforced At ADA Grab Bar, Add* | *42.00* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

### 10 21 13 13-0059 70" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 13-0060 | EA | Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 144.14 | 12.89 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0061 | EA | 5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 159.06 | 15.03 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0062 | EA | 6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 175.50 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0063 | EA | 8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 204.07 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0064 | EA | 10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 231.12 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0065 | EA | 12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 258.19 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0066 | EA | 18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 333.80 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0067 | EA | 22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 383.63 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0068 | EA | 24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 412.20 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

### 10 21 13 13-0069 82" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 13-0070 | EA | Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 115.31 | 12.89 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0071 | EA | 5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 125.67 | 15.03 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0072 | EA | 6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 137.56 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0073 | EA | 8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 155.51 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0074 | EA | 10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 171.94 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0075 | EA | 12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 189.89 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0076 | EA | 18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 235.16 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0077 | EA | 22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 265.26 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0078 | EA | 24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 283.21 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

### 10 21 13 13-0079 96" To 120" Long, Enamel Coated Steel, Partition Pilasters *(10 21 13 13-0038)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 13-0080 | EA | Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 160.32 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0081 | EA | 5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 175.23 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0082 | EA | 6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 191.66 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0083 | EA | 8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 220.25 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0084 | EA | 10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 247.30 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0085 | EA | 12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 274.36 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0086 | EA | 18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 349.98 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 13-0087 | EA | 22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 399.81 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 13-0088 | EA | 24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster | 428.39 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

## 10 21 13 14 Stainless-Steel Toilet Compartments *(10 21 13)*

### 10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.

### 10 21 13 14-0002 Stainless Steel Toilet Partitions *(10 21 13 14-0001)*

### 10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0004 | EA | 36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition | 1,528.06 | 96.62 |
| | | *For >10, Deduct* | *-133.48* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *467.18* | |
| 10 21 13 14-0005 | EA | 60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,841.28 | 105.21 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *570.80* | |
| 10 21 13 14-0006 | EA | 60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,928.32 | 109.51 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *598.26* | |

### 10 21 13 14-0007 Overhead Braced, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Includes headrail.

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0008 | EA | 36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition | 1,305.78 | 118.10 |
| | | *For >10, Deduct* | *-106.96* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *374.36* | |
| 10 21 13 14-0009 | EA | 60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,583.81 | 126.68 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *465.65* | |
| 10 21 13 14-0010 | EA | 60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,723.54 | 130.98 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *511.55* | |

### 10 21 13 14-0011 Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0012 | EA | 36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition | 1,800.75 | 139.57 |
| | | *For >10, Deduct* | *-152.16* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *532.56* | |
| 10 21 13 14-0013 | EA | 60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,930.87 | 148.16 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *572.09* | |
| 10 21 13 14-0014 | EA | 60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,020.42 | 152.45 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *600.43* | |

### 10 21 13 14-0015 Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0016 | EA | 36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition | 1,809.69 | 161.04 |
| | | *For >10, Deduct* | *-148.76* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *520.66* | |
| 10 21 13 14-0017 | EA | 60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,194.00 | 169.63 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *649.16* | |
| 10 21 13 14-0018 | EA | 60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,305.57 | 173.93 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For Diamond Pattern Finish, Add* | *685.20* | |

### 10 21 13 14-0019 Stainless Steel Urinal Screens *(10 21 13 14-0001)*

### 10 21 13 14-0020 Floor Anchored, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0021 | EA | 24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen | 513.69 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *137.73* | |
| 10 21 13 14-0022 | EA | 36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen | 580.27 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *158.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 14-0023 | EA | 48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen | 593.60 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *159.69* | |

### 10 21 13 14-0024 Wall Hung, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0025 | EA | 18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen | 382.19 | 51.50 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *97.71* | |
| 10 21 13 14-0026 | EA | 24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen | 413.58 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *105.69* | |
| 10 21 13 14-0027 | EA | 30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen | 451.22 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *115.87* | |

### 10 21 13 14-0028 Wall Hung And Post Supported, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0029 | EA | 18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen | 611.22 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *174.87* | |
| 10 21 13 14-0030 | EA | 24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen | 641.16 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *182.34* | |
| 10 21 13 14-0031 | EA | 30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen | 670.96 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *189.77* | |

### 10 21 13 14-0032 Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0033 | EA | 22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen | 513.69 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *137.73* | |
| 10 21 13 14-0034 | EA | 34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen | 580.26 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *158.03* | |
| 10 21 13 14-0035 | EA | 46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen | 649.57 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *179.28* | |

### 10 21 13 14-0036 Stainless Steel Toilet Partition Doors, Panels And Pilasters *(10 21 13 14-0001)*

See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

### 10 21 13 14-0037 Stainless Steel, Toilet Partition Doors *(10 21 13 14-0036)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0038 | EA | 24" x 58" x 1", Stainless Steel, Toilet Partition Door | 332.04 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For Diamond Pattern Finish, Add* | *104.19* | |
| 10 21 13 14-0039 | EA | 26" x 58" x 1", Stainless Steel, Toilet Partition Door | 379.06 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For Diamond Pattern Finish, Add* | *120.65* | |
| 10 21 13 14-0040 | EA | 30" x 58" x 1", Stainless Steel, Toilet Partition Door | 389.86 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For Diamond Pattern Finish, Add* | *122.92* | |
| 10 21 13 14-0041 | EA | 34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door | 403.43 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For Diamond Pattern Finish, Add* | *127.67* | |
| 10 21 13 14-0042 | EA | 36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door | 407.21 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For Diamond Pattern Finish, Add* | *129.00* | |

### 10 21 13 14-0043 Stainless Steel, Toilet Partition Panels *(10 21 13 14-0036)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0044 | EA | 6" x 58" x 1", Stainless Steel, Toilet Partition Panel | 290.40 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *83.60* | |
| 10 21 13 14-0045 | EA | 12" x 58" x 1", Stainless Steel, Toilet Partition Panel | 322.28 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *93.26* | |
| 10 21 13 14-0046 | EA | 18" x 58" x 1", Stainless Steel, Toilet Partition Panel | 336.11 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *96.60* | |
| 10 21 13 14-0047 | EA | 24" x 58" x 1", Stainless Steel, Toilet Partition Panel | 351.76 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *100.57* | |
| 10 21 13 14-0048 | EA | 30" x 58" x 1", Stainless Steel, Toilet Partition Panel | 377.49 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *108.07* | |
| 10 21 13 14-0049 | EA | 36" x 58" x 1", Stainless Steel, Toilet Partition Panel | 407.28 | 36.51 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *117.00* | |
| 10 21 13 14-0050 | EA | 42" x 58" x 1", Stainless Steel, Toilet Partition Panel | 475.20 | 38.65 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *139.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 14-0051 | EA | 48" x 58" x 1", Stainless Steel, Toilet Partition Panel | 519.81 | 40.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *153.38* | |
| 10 21 13 14-0052 | EA | 55" x 58" x 1", Stainless Steel, Toilet Partition Panel | 533.66 | 42.94 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *156.72* | |
| 10 21 13 14-0053 | EA | 58" x 58" x 1", Stainless Steel, Toilet Partition Panel | 559.77 | 43.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *165.26* | |
| 10 21 13 14-0054 | EA | 60" x 58" x 1", Stainless Steel, Toilet Partition Panel | 594.18 | 45.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *176.40* | |
| 10 21 13 14-0055 | EA | 70" x 58" x 1", Stainless Steel, Toilet Partition Panel | 622.58 | 47.24 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *184.84* | |
| 10 21 13 14-0056 | EA | 78" x 58" x 1", Stainless Steel, Toilet Partition Panel | 682.35 | 49.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *204.25* | |

### 10 21 13 14-0057 70" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0058 | EA | Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 199.78 | 12.89 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *60.90* | |
| 10 21 13 14-0059 | EA | 5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 217.87 | 15.03 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *65.73* | |
| 10 21 13 14-0060 | EA | 6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 237.02 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *70.93* | |
| 10 21 13 14-0061 | EA | 8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 269.96 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *80.96* | |
| 10 21 13 14-0062 | EA | 10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 302.90 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *90.99* | |
| 10 21 13 14-0063 | EA | 12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 335.85 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *101.01* | |
| 10 21 13 14-0064 | EA | 18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 425.02 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *130.72* | |
| 10 21 13 14-0065 | EA | 22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 486.62 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *150.78* | |
| 10 21 13 14-0066 | EA | 24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 519.56 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *160.80* | |

### 10 21 13 14-0067 82" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0068 | EA | Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 153.67 | 12.89 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *44.77* | |
| 10 21 13 14-0069 | EA | 5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 166.71 | 15.03 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *47.83* | |
| 10 21 13 14-0070 | EA | 6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 180.21 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *51.05* | |
| 10 21 13 14-0071 | EA | 8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 233.05 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *68.04* | |
| 10 21 13 14-0072 | EA | 10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 262.92 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *76.99* | |
| 10 21 13 14-0073 | EA | 12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 272.52 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *78.85* | |
| 10 21 13 14-0074 | EA | 18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 308.49 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *89.94* | |
| 10 21 13 14-0075 | EA | 22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 347.62 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *102.13* | |
| 10 21 13 14-0076 | EA | 24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 369.19 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *108.17* | |

### 10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 14-0078 | EA | Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 220.05 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *64.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 14-0079 | EA | 5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 241.31 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *70.93* | |
| 10 21 13 14-0080 | EA | 6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 261.52 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *76.50* | |
| 10 21 13 14-0081 | EA | 8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 299.77 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *88.39* | |
| 10 21 13 14-0082 | EA | 10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 336.96 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *99.90* | |
| 10 21 13 14-0083 | EA | 12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 374.15 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *111.41* | |
| 10 21 13 14-0084 | EA | 18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 479.24 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *146.69* | |
| 10 21 13 14-0085 | EA | 22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 549.32 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *169.72* | |
| 10 21 13 14-0086 | EA | 24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster | 587.58 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Diamond Pattern Finish, Add* | *181.60* | |

## 10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

### 10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens *(10 21 13 16)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.

### 10 21 13 16-0002 Laminated Plastic Toilet Partitions *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

### 10 21 13 16-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 16-0004 | EA | 36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition | 1,055.74 | 96.62 |
| | | *For >10, Deduct* | *-86.25* | |
| | | *For Cast Stainless Steel Hardware, Add* | *142.13* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 16-0005 | EA | 60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,293.75 | 105.21 |
| | | *For Cast Stainless Steel Hardware, Add* | *142.15* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 16-0006 | EA | 60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,393.04 | 109.51 |
| | | *For Cast Stainless Steel Hardware, Add* | *142.16* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

### 10 21 13 16-0007 Overhead Braced, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Includes headrail.

| | | | | |
|---|---|---|---|---|
| 10 21 13 16-0008 | EA | 36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition | 1,140.79 | 118.10 |
| | | *For >10, Deduct* | *-90.46* | |
| | | *For Cast Stainless Steel Hardware, Add* | *142.17* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 16-0009 | EA | 60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,389.32 | 126.68 |
| | | *For Cast Stainless Steel Hardware, Add* | *142.19* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 16-0010 | EA | 60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,496.50 | 130.98 |
| | | *For Cast Stainless Steel Hardware, Add* | *142.19* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

### 10 21 13 16-0011 Ceiling Hung, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Excludes above ceiling steel.

| | | | | |
|---|---|---|---|---|
| 10 21 13 16-0012 | EA | 36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition | 1,524.82 | 161.04 |
| | | *For >10, Deduct* | *-120.28* | |
| | | *For Cast Stainless Steel Hardware, Add* | *142.25* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 16-0013 | EA | 60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,781.45 | 169.63 |
| | | *For Cast Stainless Steel Hardware, Add* | *142.26* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 16-0014 | EA | 60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,880.73 | 173.93 |
| | | *For Cast Stainless Steel Hardware, Add* | *142.27* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

### 10 21 13 16-0015 Laminated Plastic Urinal Screens *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 21 13 16-0016** | | **Floor Anchored, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)* | | |
| 10 21 13 16-0017 | EA | 24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen | 441.84 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0018 | EA | 36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen | 481.99 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0019 | EA | 48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen | 496.76 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 16-0020** | | **Wall Hung, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)* | | |
| 10 21 13 16-0021 | EA | 18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen | 342.43 | 51.50 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0022 | EA | 24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen | 360.04 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0023 | EA | 30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen | 376.81 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 16-0024** | | **Wall Hung And Post Supported, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)* | | |
| 10 21 13 16-0025 | EA | 18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen | 456.48 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0026 | EA | 24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen | 501.04 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0027 | EA | 30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen | 549.39 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 16-0028** | | **Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)* | | |
| 10 21 13 16-0029 | EA | 24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen | 420.68 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0030 | EA | 36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen | 461.71 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0031 | EA | 48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen | 475.96 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 16-0032** | | **Laminated Plastic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 16-0001)* | | |
| | | Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories. | | |
| **10 21 13 16-0033** | | **Laminated Plastic, Toilet Partition Doors** *(10 21 13 16-0032)* | | |
| 10 21 13 16-0034 | EA | 24" x 58" x 1", Laminated Plastic, Toilet Partition Door | 353.22 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 16-0035 | EA | 26" x 58" x 1", Laminated Plastic, Toilet Partition Door | 384.20 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 16-0036 | EA | 30" x 58" x 1", Laminated Plastic, Toilet Partition Door | 396.94 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 16-0037 | EA | 34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door | 406.52 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 16-0038 | EA | 36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door | 415.53 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| **10 21 13 16-0039** | | **Laminated Plastic, Toilet Partition Panels** *(10 21 13 16-0032)* | | |
| 10 21 13 16-0040 | EA | 6" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 177.11 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0041 | EA | 12" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 196.01 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0042 | EA | 18" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 214.91 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0043 | EA | 24" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 234.55 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0044 | EA | 30" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 252.71 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0045 | EA | 36" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 272.43 | 36.51 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0046 | EA | 42" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 278.44 | 38.65 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0047 | EA | 48" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 285.52 | 40.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0048 | EA | 55" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 300.55 | 42.94 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0049 | EA | 58" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 313.21 | 43.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0050 | EA | 60" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 327.35 | 45.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0051 | EA | 70" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 373.90 | 47.24 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 16-0052 | EA | 78" x 58" x 1", Laminated Plastic, Toilet Partition Panel | 426.64 | 49.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 16-0053** | | **69" Long, Laminated Plastic, Toilet Partition Pilasters** *(10 21 13 16-0032)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 16-0054 | EA | Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 145.76 | 12.89 |
| | | *For 1-1/4" Pilaster, Add* | *9.90* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *119.99* | |
| 10 21 13 16-0055 | EA | 5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 168.08 | 15.03 |
| | | *For 1-1/4" Pilaster, Add* | *11.39* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *138.02* | |
| 10 21 13 16-0056 | EA | 6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 172.38 | 17.17 |
| | | *For 1-1/4" Pilaster, Add* | *11.39* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *138.02* | |
| 10 21 13 16-0057 | EA | 8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 190.19 | 19.32 |
| | | *For 1-1/4" Pilaster, Add* | *12.50* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *151.54* | |
| 10 21 13 16-0058 | EA | 10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 198.42 | 21.47 |
| | | *For 1-1/4" Pilaster, Add* | *12.83* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *155.48* | |
| 10 21 13 16-0059 | EA | 12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 215.68 | 23.62 |
| | | *For 1-1/4" Pilaster, Add* | *13.90* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *168.44* | |
| 10 21 13 16-0060 | EA | 18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 275.18 | 25.77 |
| | | *For 1-1/4" Pilaster, Add* | *18.45* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *223.65* | |
| 10 21 13 16-0061 | EA | 22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 333.56 | 27.91 |
| | | *For 1-1/4" Pilaster, Add* | *22.91* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *277.73* | |
| 10 21 13 16-0062 | EA | 24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster | 374.47 | 30.06 |
| | | *For 1-1/4" Pilaster, Add* | *25.93* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *314.35* | |

10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 16-0064 | EA | Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 287.73 | 12.89 |
| | | *For 1-1/4" Pilaster, Add* | *21.61* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *261.96* | |
| 10 21 13 16-0065 | EA | 5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 317.93 | 15.03 |
| | | *For 1-1/4" Pilaster, Add* | *23.75* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *287.87* | |
| 10 21 13 16-0066 | EA | 6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 322.23 | 17.17 |
| | | *For 1-1/4" Pilaster, Add* | *23.75* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *287.87* | |
| 10 21 13 16-0067 | EA | 8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 348.49 | 19.32 |
| | | *For 1-1/4" Pilaster, Add* | *25.56* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *309.84* | |
| 10 21 13 16-0068 | EA | 10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 380.39 | 21.47 |
| | | *For 1-1/4" Pilaster, Add* | *27.84* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *337.45* | |
| 10 21 13 16-0069 | EA | 12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 406.09 | 23.62 |
| | | *For 1-1/4" Pilaster, Add* | *29.61* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *358.85* | |
| 10 21 13 16-0070 | EA | 18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 505.88 | 25.77 |
| | | *For 1-1/4" Pilaster, Add* | *37.48* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *454.35* | |
| 10 21 13 16-0071 | EA | 22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 576.37 | 27.91 |
| | | *For 1-1/4" Pilaster, Add* | *42.94* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *520.54* | |
| 10 21 13 16-0072 | EA | 24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster | 591.36 | 30.06 |
| | | *For 1-1/4" Pilaster, Add* | *43.83* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For Steel Core Pilaster, Add* | *531.24* | |

## 10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*
Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)*
Note: Includes all standard Columbia Partitions colors.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0003 | | **Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions** *(10 21 13 19-0002)* | | |
| | | Note: Includes headrail. | | |
| 10 21 13 19-0004 | EA | 36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition | 1,379.64 | 118.10 |
| | | *For >10, Deduct* | *-114.35* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *708.94* | |
| 10 21 13 19-0005 | EA | 60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,697.97 | 126.68 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *895.65* | |
| 10 21 13 19-0006 | EA | 60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,881.34 | 130.98 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *1,004.02* | |
| 10 21 13 19-0007 | | **Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions** *(10 21 13 19-0002)* | | |
| | | Note: Excludes above ceiling steel. | | |
| 10 21 13 19-0008 | EA | 36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition | 1,379.27 | 139.57 |
| | | *For >10, Deduct* | *-110.01* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *682.08* | |
| 10 21 13 19-0009 | EA | 60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,725.57 | 148.16 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *886.14* | |
| 10 21 13 19-0010 | EA | 60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,908.95 | 152.45 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *994.50* | |
| 10 21 13 19-0011 | | **Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions** *(10 21 13 19-0002)* | | |
| | | Note: Excludes above ceiling steel. | | |
| 10 21 13 19-0012 | EA | 36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition | 1,447.16 | 161.04 |
| | | *For >10, Deduct* | *-112.51* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *697.55* | |
| 10 21 13 19-0013 | EA | 60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,716.48 | 169.63 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *853.87* | |
| 10 21 13 19-0014 | EA | 60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,899.85 | 173.93 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *962.24* | |
| 10 21 13 19-0015 | | **Recycled Solid Plastic (HDPE) Urinal Screens** *(10 21 13 19-0001)* | | |
| | | Note: Includes all standard Columbia Partitions colors. | | |
| 10 21 13 19-0016 | | **Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0015)* | | |
| 10 21 13 19-0017 | EA | 18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen | 322.06 | 51.50 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *135.81* | |
| 10 21 13 19-0018 | EA | 24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen | 339.28 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *141.16* | |
| 10 21 13 19-0019 | | **Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0015)* | | |
| 10 21 13 19-0020 | EA | 18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen | 409.35 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *184.61* | |
| 10 21 13 19-0021 | EA | 24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen | 517.16 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *246.13* | |
| 10 21 13 19-0022 | EA | 30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen | 574.62 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *276.43* | |
| 10 21 13 19-0023 | | **Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0015)* | | |
| 10 21 13 19-0024 | EA | 24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen | 417.93 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *184.61* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0025 | EA | 36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen | 525.74 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *246.13* | |
| 10 21 13 19-0026 | EA | 48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen | 623.74 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *301.56* | |

## 10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters

*(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

## 10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0029 | EA | 24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door | 328.68 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *182.48* | |
| 10 21 13 19-0030 | EA | 26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door | 355.46 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *199.08* | |
| 10 21 13 19-0031 | EA | 30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door | 386.34 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *215.57* | |
| 10 21 13 19-0032 | EA | 34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door | 440.54 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *249.17* | |
| 10 21 13 19-0033 | EA | 36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door | 453.37 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *257.13* | |

## 10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0027)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0035 | EA | 6" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 116.77 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *40.45* | |
| 10 21 13 19-0036 | EA | 12" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 186.30 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *80.89* | |
| 10 21 13 19-0037 | EA | 18" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 255.81 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *121.33* | |
| 10 21 13 19-0038 | EA | 24" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 298.59 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *145.19* | |
| 10 21 13 19-0039 | EA | 30" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 361.44 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *181.49* | |
| 10 21 13 19-0040 | EA | 36" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 386.19 | 36.51 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *194.18* | |
| 10 21 13 19-0041 | EA | 42" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 433.51 | 38.65 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *220.85* | |
| 10 21 13 19-0042 | EA | 48" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 488.68 | 40.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *252.40* | |
| 10 21 13 19-0043 | EA | 55" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 533.73 | 42.94 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *277.66* | |
| 10 21 13 19-0044 | EA | 58" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 545.31 | 43.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *283.78* | |
| 10 21 13 19-0045 | EA | 60" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 563.67 | 45.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *293.56* | |
| 10 21 13 19-0046 | EA | 70" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 637.04 | 47.24 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *336.39* | |
| 10 21 13 19-0047 | EA | 78" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel | 686.55 | 49.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *364.42* | |

## 10 21 13 19-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0049 | EA | Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 151.43 | 12.89 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *77.91* | |
| 10 21 13 19-0050 | EA | 5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 168.32 | 15.03 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *85.72* | |
| 10 21 13 19-0051 | EA | 6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 183.02 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *92.17* | |
| 10 21 13 19-0052 | EA | 8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 196.60 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *97.93* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0053 | EA | 10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 220.73 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *110.23* | |
| 10 21 13 19-0054 | EA | 12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 244.85 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *122.52* | |
| 10 21 13 19-0055 | EA | 18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 336.19 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *176.49* | |
| 10 21 13 19-0056 | EA | 22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 380.07 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *201.03* | |
| 10 21 13 19-0057 | EA | 24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 413.83 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *219.30* | |
| 10 21 13 19-0058 | | 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)* | | |
| 10 21 13 19-0059 | EA | Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 184.87 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *93.32* | |
| 10 21 13 19-0060 | EA | 5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 203.48 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *102.19* | |
| 10 21 13 19-0061 | EA | 6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 224.12 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *112.33* | |
| 10 21 13 19-0062 | EA | 8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 253.96 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *128.17* | |
| 10 21 13 19-0063 | EA | 10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 284.07 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *144.17* | |
| 10 21 13 19-0064 | EA | 12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 313.91 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *160.01* | |
| 10 21 13 19-0065 | EA | 18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 402.39 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *212.21* | |
| 10 21 13 19-0066 | EA | 22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 450.26 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *239.22* | |
| 10 21 13 19-0067 | EA | 24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 489.63 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *260.96* | |
| 10 21 13 19-0068 | | Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)* | | |
| | | Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating. | | |
| 10 21 13 19-0069 | | Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)* | | |
| | | Note: Includes all standard Columbia Partitions colors. | | |
| 10 21 13 19-0070 | | Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)* | | |
| | | Note: Includes headrail. | | |
| 10 21 13 19-0071 | EA | 36" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete Toilet Partition | 1,779.84 | 118.10 |
| | | *For >10, Deduct* | *-154.37* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *957.06* | |
| 10 21 13 19-0072 | EA | 60" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,203.59 | 126.68 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *1,209.13* | |
| 10 21 13 19-0073 | EA | 60" x 78", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,448.14 | 130.98 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *1,355.43* | |
| 10 21 13 19-0074 | | Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)* | | |
| | | Note: Excludes above ceiling steel. | | |
| 10 21 13 19-0075 | EA | 36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition | 1,764.32 | 139.57 |
| | | *For >10, Deduct* | *-148.52* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *920.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0076 | EA | 60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,225.80 | 148.16 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *1,196.28* | |
| 10 21 13 19-0077 | EA | 60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,470.36 | 152.45 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *1,342.58* | |

### 10 21 13 19-0078 Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0079 | EA | 36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition | 1,840.94 | 161.04 |
| | | *For >10, Deduct* | *-151.89* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *941.69* | |
| 10 21 13 19-0080 | EA | 60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,198.49 | 169.63 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *1,152.72* | |
| 10 21 13 19-0081 | EA | 60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,443.04 | 173.93 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *1,299.02* | |

### 10 21 13 19-0082 Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

### 10 21 13 19-0083 Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0084 | EA | 18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen | 398.73 | 51.50 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *183.35* | |
| 10 21 13 19-0085 | EA | 24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen | 416.15 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *188.82* | |

### 10 21 13 19-0086 Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0087 | EA | 18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen | 647.52 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *332.27* | |
| 10 21 13 19-0088 | EA | 24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen | 736.71 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *382.25* | |
| 10 21 13 19-0089 | EA | 30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen | 785.38 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *407.10* | |

### 10 21 13 19-0090 Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0091 | EA | 24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen | 522.13 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *249.21* | |
| 10 21 13 19-0092 | EA | 36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen | 664.68 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *332.27* | |
| 10 21 13 19-0093 | EA | 48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen | 793.97 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *407.10* | |

### 10 21 13 19-0094 Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

### 10 21 13 19-0095 Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0094)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0096 | EA | 24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door | 431.68 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *246.34* | |
| 10 21 13 19-0097 | EA | 26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door | 467.86 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *268.77* | |
| 10 21 13 19-0098 | EA | 30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door | 508.02 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *291.01* | |
| 10 21 13 19-0099 | EA | 34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door | 581.21 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *336.39* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0100 | EA | 36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door | 598.52 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *347.12* | |

## 10 21 13 19-0101 Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0094)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0102 | EA | 6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 139.59 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *54.60* | |
| 10 21 13 19-0103 | EA | 12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 231.96 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *109.20* | |
| 10 21 13 19-0104 | EA | 18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 324.31 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *163.80* | |
| 10 21 13 19-0105 | EA | 24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 380.54 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *195.99* | |
| 10 21 13 19-0106 | EA | 30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 463.88 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *245.00* | |
| 10 21 13 19-0107 | EA | 36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 495.81 | 36.51 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *262.14* | |
| 10 21 13 19-0108 | EA | 42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 558.19 | 38.65 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *298.15* | |
| 10 21 13 19-0109 | EA | 48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 631.17 | 40.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *340.74* | |
| 10 21 13 19-0110 | EA | 55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 690.47 | 42.94 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *374.84* | |
| 10 21 13 19-0111 | EA | 58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 705.50 | 43.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *383.10* | |
| 10 21 13 19-0112 | EA | 60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 729.38 | 45.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *396.30* | |
| 10 21 13 19-0113 | EA | 70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 826.94 | 47.24 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *454.13* | |
| 10 21 13 19-0114 | EA | 78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel | 892.27 | 49.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *491.97* | |

## 10 21 13 19-0115 82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0116 | EA | Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 195.41 | 12.89 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *105.18* | |
| 10 21 13 19-0117 | EA | 5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 216.72 | 15.03 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *115.73* | |
| 10 21 13 19-0118 | EA | 6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 235.04 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *124.42* | |
| 10 21 13 19-0119 | EA | 8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 271.27 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *144.22* | |
| 10 21 13 19-0120 | EA | 10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 304.79 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *162.35* | |
| 10 21 13 19-0121 | EA | 12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 338.27 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *180.44* | |
| 10 21 13 19-0122 | EA | 18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 435.81 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *238.25* | |
| 10 21 13 19-0123 | EA | 22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 493.55 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *271.39* | |
| 10 21 13 19-0124 | EA | 24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 537.63 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *296.06* | |

## 10 21 13 19-0125 96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0126 | EA | Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 237.55 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *125.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0127 | EA | 5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 261.18 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *137.97* | |
| 10 21 13 19-0128 | EA | 6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 287.55 | 21.47 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *151.66* | |
| 10 21 13 19-0129 | EA | 8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 326.32 | 23.62 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *173.03* | |
| 10 21 13 19-0130 | EA | 10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 365.47 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *194.64* | |
| 10 21 13 19-0131 | EA | 12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 404.24 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *216.01* | |
| 10 21 13 19-0132 | EA | 18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 522.20 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *286.49* | |
| 10 21 13 19-0133 | EA | 22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 585.30 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *322.95* | |
| 10 21 13 19-0134 | EA | 24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster | 636.94 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *352.30* | |

### 10 21 13 19-0135 Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.

### 10 21 13 19-0136 Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

### 10 21 13 19-0137 Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0138 | EA | 36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition | 1,612.33 | 96.62 |
| | | *For >10, Deduct* | *-141.91* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *307.67* | |
| 10 21 13 19-0139 | EA | 60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 1,983.29 | 105.21 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *382.82* | |
| 10 21 13 19-0140 | EA | 60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,216.10 | 109.51 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *430.34* | |

### 10 21 13 19-0141 Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Includes headrail.

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0142 | EA | 36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition | 1,787.93 | 118.10 |
| | | *For >10, Deduct* | *-155.17* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *337.67* | |
| 10 21 13 19-0143 | EA | 60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,173.70 | 126.68 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *415.94* | |
| 10 21 13 19-0144 | EA | 60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,417.79 | 130.98 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *465.82* | |

### 10 21 13 19-0145 Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0146 | EA | 36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition | 1,843.00 | 139.57 |
| | | *For >10, Deduct* | *-156.39* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *342.37* | |
| 10 21 13 19-0147 | EA | 60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,226.02 | 148.16 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *420.05* | |
| 10 21 13 19-0148 | EA | 60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,458.82 | 152.45 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *467.57* | |

### 10 21 13 19-0149 Ceiling Hung, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0150 | EA | 36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition | 1,813.56 | 161.04 |
| | | *For >10, Deduct* | *-149.15* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *329.31* | |
| 10 21 13 19-0151 | EA | 60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,184.26 | 169.63 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *404.41* | |
| 10 21 13 19-0152 | EA | 60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,417.06 | 173.93 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| | | *For NFPA Class A, Add* | *451.93* | |

### 10 21 13 19-0153 Solid Phenolic Urinal Screens *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

### 10 21 13 19-0154 Floor Anchored, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0155 | EA | 24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen | 582.69 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *103.14* | |
| 10 21 13 19-0156 | EA | 36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen | 659.44 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *117.88* | |
| 10 21 13 19-0157 | EA | 48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen | 792.53 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *144.46* | |

### 10 21 13 19-0158 Wall Hung, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0159 | EA | 18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen | 370.04 | 51.50 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *61.23* | |
| 10 21 13 19-0160 | EA | 24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen | 429.33 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *72.30* | |
| 10 21 13 19-0161 | EA | 30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen | 517.41 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *89.43* | |

### 10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0163 | EA | 18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen | 375.16 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *60.93* | |
| 10 21 13 19-0164 | EA | 24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen | 471.58 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *79.80* | |
| 10 21 13 19-0165 | EA | 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen | 552.40 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *95.40* | |

### 10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0167 | EA | 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen | 600.77 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *108.31* | |
| 10 21 13 19-0168 | EA | 36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen | 677.99 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *123.15* | |
| 10 21 13 19-0169 | EA | 48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen | 813.61 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *150.26* | |

### 10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

### 10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors *(10 21 13 19-0170)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0172 | EA | 24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door | 438.85 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *86.66* | |
| 10 21 13 19-0173 | EA | 26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door | 454.06 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *89.86* | |
| 10 21 13 19-0174 | EA | 30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door | 497.37 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *98.26* | |
| 10 21 13 19-0175 | EA | 34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door | 537.03 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *106.59* | |
| 10 21 13 19-0176 | EA | 36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door | 577.78 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| | | *For NFPA Class A, Add* | *115.15* | |

### 10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels *(10 21 13 19-0170)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0178 | EA | 6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 135.83 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *20.28* | |
| 10 21 13 19-0179 | EA | 12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 182.25 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *29.34* | |
| 10 21 13 19-0180 | EA | 18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 249.72 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *42.82* | |
| 10 21 13 19-0181 | EA | 24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 317.93 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *56.46* | |
| 10 21 13 19-0182 | EA | 30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 354.81 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *63.51* | |
| 10 21 13 19-0183 | EA | 36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 393.55 | 36.51 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *70.97* | |
| 10 21 13 19-0184 | EA | 42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 459.95 | 38.65 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *84.22* | |
| 10 21 13 19-0185 | EA | 48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 528.33 | 40.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *97.89* | |
| 10 21 13 19-0186 | EA | 55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 563.61 | 42.94 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *104.62* | |
| 10 21 13 19-0187 | EA | 58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 579.40 | 43.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *107.66* | |
| 10 21 13 19-0188 | EA | 60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 590.44 | 45.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *109.56* | |
| 10 21 13 19-0189 | EA | 70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 680.36 | 47.24 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *127.76* | |
| 10 21 13 19-0190 | EA | 78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel | 823.24 | 49.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *157.08* | |
| 10 21 13 19-0191 | | 69" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)* | | |
| 10 21 13 19-0192 | EA | Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 207.73 | 12.89 |
| | | *For 1" Pilaster, Add* | *22.75* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *39.50* | |
| 10 21 13 19-0193 | EA | 5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 239.06 | 15.03 |
| | | *For 1" Pilaster, Add* | *26.13* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *45.39* | |
| 10 21 13 19-0194 | EA | 6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 243.36 | 17.17 |
| | | *For 1" Pilaster, Add* | *26.13* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *45.61* | |
| 10 21 13 19-0195 | EA | 8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 282.02 | 19.32 |
| | | *For 1" Pilaster, Add* | *30.42* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *53.04* | |
| 10 21 13 19-0196 | EA | 10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 317.29 | 21.47 |
| | | *For 1" Pilaster, Add* | *34.29* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *59.76* | |
| 10 21 13 19-0197 | EA | 12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 352.58 | 23.62 |
| | | *For 1" Pilaster, Add* | *38.17* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *66.48* | |
| 10 21 13 19-0198 | EA | 16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 452.07 | 25.77 |
| | | *For 1" Pilaster, Add* | *50.07* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *86.69* | |
| 10 21 13 19-0199 | EA | 20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 556.08 | 27.91 |
| | | *For 1" Pilaster, Add* | *62.53* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *107.84* | |
| 10 21 13 19-0200 | EA | 24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 584.04 | 30.06 |
| | | *For 1" Pilaster, Add* | *65.49* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *113.03* | |
| 10 21 13 19-0201 | | 83" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)* | | |
| 10 21 13 19-0202 | EA | Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 228.01 | 12.89 |
| | | *For 1" Pilaster, Add* | *25.28* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *43.76* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0203 | EA | 5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 267.23 | 15.03 |
| | | *For 1" Pilaster, Add* | *29.65* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *51.31* | |
| 10 21 13 19-0204 | EA | 6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 271.53 | 17.17 |
| | | *For 1" Pilaster, Add* | *29.65* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *51.52* | |
| 10 21 13 19-0205 | EA | 8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 314.69 | 19.32 |
| | | *For 1" Pilaster, Add* | *34.51* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *59.90* | |
| 10 21 13 19-0206 | EA | 10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 355.60 | 21.47 |
| | | *For 1" Pilaster, Add* | *39.08* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *67.81* | |
| 10 21 13 19-0207 | EA | 12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 396.81 | 23.62 |
| | | *For 1" Pilaster, Add* | *43.70* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *75.77* | |
| 10 21 13 19-0208 | EA | 16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 517.98 | 25.77 |
| | | *For 1" Pilaster, Add* | *58.31* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *100.53* | |
| 10 21 13 19-0209 | EA | 20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 617.78 | 27.91 |
| | | *For 1" Pilaster, Add* | *70.24* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *120.80* | |
| 10 21 13 19-0210 | EA | 24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 649.68 | 30.06 |
| | | *For 1" Pilaster, Add* | *73.70* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *126.81* | |

### 10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0212 | EA | Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 256.88 | 17.17 |
| | | *For 1" Pilaster, Add* | *27.82* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *48.45* | |
| 10 21 13 19-0213 | EA | 5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 303.99 | 19.32 |
| | | *For 1" Pilaster, Add* | *33.17* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *57.65* | |
| 10 21 13 19-0214 | EA | 6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 308.28 | 21.47 |
| | | *For 1" Pilaster, Add* | *33.17* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *57.87* | |
| 10 21 13 19-0215 | EA | 8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 355.96 | 23.62 |
| | | *For 1" Pilaster, Add* | *38.59* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *67.19* | |
| 10 21 13 19-0216 | EA | 10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 402.50 | 25.77 |
| | | *For 1" Pilaster, Add* | *43.87* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *76.28* | |
| 10 21 13 19-0217 | EA | 12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 449.61 | 27.91 |
| | | *For 1" Pilaster, Add* | *49.22* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *85.49* | |
| 10 21 13 19-0218 | EA | 16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 592.49 | 30.06 |
| | | *For 1" Pilaster, Add* | *66.55* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *114.80* | |
| 10 21 13 19-0219 | EA | 20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 688.05 | 32.21 |
| | | *For 1" Pilaster, Add* | *77.95* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *134.18* | |
| 10 21 13 19-0220 | EA | 24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster | 723.90 | 34.36 |
| | | *For 1" Pilaster, Add* | *81.90* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| | | *For NFPA Class A, Add* | *141.02* | |

### 10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

### 10 21 13 19-0222 Solid Color Reinforced Composite Toilet Partitions *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

### 10 21 13 19-0223 Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0224 | EA | 36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition | 1,782.62 | 96.62 |
| | | *For >10, Deduct* | *-158.94* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0225 | EA | 60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,196.04 | 105.21 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0226 | EA | 60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,455.74 | 109.51 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

### 10 21 13 19-0227 Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Includes headrail.

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0228 | EA | 36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition | 1,974.13 | 118.10 |
| | | *For >10, Deduct* | *-173.79* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0229 | EA | 60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,404.14 | 126.68 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0230 | EA | 60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,676.49 | 130.98 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

### 10 21 13 19-0231 Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0232 | EA | 36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition | 2,030.66 | 139.57 |
| | | *For >10, Deduct* | *-175.15* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0233 | EA | 60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,457.58 | 148.16 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0234 | EA | 60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,717.29 | 152.45 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

### 10 21 13 19-0235 Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0236 | EA | 36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition | 1,992.54 | 161.04 |
| | | *For >10, Deduct* | *-167.05* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0237 | EA | 60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,405.66 | 169.63 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0238 | EA | 60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 2,665.36 | 173.93 |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |

### 10 21 13 19-0239 Solid Color Reinforced Composite Urinal Screens *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

### 10 21 13 19-0240 Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0241 | EA | 24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 638.19 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0242 | EA | 36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 723.12 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0243 | EA | 48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 871.15 | 68.68 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

### 10 21 13 19-0244 Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0245 | EA | 18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 402.08 | 51.50 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0246 | EA | 24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 467.46 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0247 | EA | 30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 565.08 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

### 10 21 13 19-0248 Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0249 | EA | 18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 406.78 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0250 | EA | 24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 513.74 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0251 | EA | 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 603.24 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

## 10 21 13 19-0252 Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0253 | EA | 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 659.47 | 55.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0254 | EA | 36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 744.92 | 60.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0255 | EA | 48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen | 895.80 | 64.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

## 10 21 13 19-0256 Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.

## 10 21 13 19-0257 Solid Color Reinforced Composite, Toilet Partition Doors *(10 21 13 19-0256)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0258 | EA | 24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door | 487.38 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 19-0259 | EA | 26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door | 504.42 | 17.17 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 19-0260 | EA | 30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door | 552.42 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 19-0261 | EA | 34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door | 596.84 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 19-0262 | EA | 36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door | 642.47 | 19.32 |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |

## 10 21 13 19-0263 Solid Color Reinforced Composite, Toilet Partition Panels *(10 21 13 19-0256)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0264 | EA | 6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 145.95 | 25.77 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0265 | EA | 12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 197.42 | 27.91 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0266 | EA | 18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 272.47 | 30.06 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0267 | EA | 24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 348.35 | 32.21 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0268 | EA | 30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 389.14 | 34.36 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0269 | EA | 36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 432.01 | 36.51 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0270 | EA | 42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 505.87 | 38.65 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0271 | EA | 48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 581.93 | 40.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0272 | EA | 55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 620.94 | 42.94 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0273 | EA | 58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 638.42 | 43.80 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0274 | EA | 60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 650.48 | 45.09 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0275 | EA | 70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 750.67 | 47.24 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0276 | EA | 78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel | 910.17 | 49.38 |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

## 10 21 13 19-0277 69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 19-0278 | EA | Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 229.57 | 12.89 |
| | | *For 1" Pilaster, Add* | *25.48* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0279 | EA | 5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 264.14 | 15.03 |
| | | *For 1" Pilaster, Add* | *29.26* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0280 | EA | 6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 268.44 | 17.17 |
| | | *For 1" Pilaster, Add* | *29.26* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0281 | EA | 8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 311.22 | 19.32 |
| | | *For 1" Pilaster, Add* | *34.07* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0282 | EA | 10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 350.21 | 21.47 |
| | | *For 1" Pilaster, Add* | *38.41* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0283 | EA | 12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 389.22 | 23.62 |
| | | *For 1" Pilaster, Add* | *42.75* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0284 | EA | 16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 500.14 | 25.77 |
| | | *For 1" Pilaster, Add* | *56.08* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0285 | EA | 20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 616.12 | 27.91 |
| | | *For 1" Pilaster, Add* | *70.04* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0286 | EA | 24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 646.91 | 30.06 |
| | | *For 1" Pilaster, Add* | *73.35* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0287 | | 83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)* | | |
| 10 21 13 19-0288 | EA | Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 252.28 | 12.89 |
| | | *For 1" Pilaster, Add* | *28.31* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0289 | EA | 5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 295.69 | 15.03 |
| | | *For 1" Pilaster, Add* | *33.20* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0290 | EA | 6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 299.99 | 17.17 |
| | | *For 1" Pilaster, Add* | *33.20* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0291 | EA | 8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 347.82 | 19.32 |
| | | *For 1" Pilaster, Add* | *38.65* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0292 | EA | 10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 393.12 | 21.47 |
| | | *For 1" Pilaster, Add* | *43.77* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0293 | EA | 12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 438.76 | 23.62 |
| | | *For 1" Pilaster, Add* | *48.94* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0294 | EA | 16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 573.96 | 25.77 |
| | | *For 1" Pilaster, Add* | *65.30* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0295 | EA | 20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 685.22 | 27.91 |
| | | *For 1" Pilaster, Add* | *78.67* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0296 | EA | 24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 720.42 | 30.06 |
| | | *For 1" Pilaster, Add* | *82.54* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0297 | | 96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)* | | |
| 10 21 13 19-0298 | EA | Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 283.59 | 17.17 |
| | | *For 1" Pilaster, Add* | *31.15* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0299 | EA | 5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 335.83 | 19.32 |
| | | *For 1" Pilaster, Add* | *37.15* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0300 | EA | 6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 340.12 | 21.47 |
| | | *For 1" Pilaster, Add* | *37.15* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0301 | EA | 8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 393.00 | 23.62 |
| | | *For 1" Pilaster, Add* | *43.22* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0302 | EA | 10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 444.61 | 25.77 |
| | | *For 1" Pilaster, Add* | *49.14* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0303 | EA | 12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 496.87 | 27.91 |
| | | *For 1" Pilaster, Add* | *55.13* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0304 | EA | 16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 656.37 | 30.06 |
| | | *For 1" Pilaster, Add* | *74.53* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0305 | EA | 20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 762.88 | 32.21 |
| | | *For 1" Pilaster, Add* | *87.31* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0306 | EA | 24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster | 802.52 | 34.36 |
| | | *For 1" Pilaster, Add* | *91.73* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0307 | | Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)* | | |
| | | Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts. | | |
| 10 21 13 19-0308 | | Solid Polyester (Corian) Toilet Partitions *(10 21 13 19-0307)* | | |
| | | Note: Small particulate finish. | | |
| 10 21 13 19-0309 | | Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0310 | EA | 36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition | 4,308.89 | 96.62 |
| | | *For >10, Deduct* | *-411.56* | |
| | | *For Solid Color Material (No Particulate), Deduct* | *-946.60* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0311 | EA | 60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 5,211.08 | 105.21 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,150.15* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0312 | EA | 60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 5,783.56 | 109.51 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,279.84* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0313 | | Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)* | | |
| 10 21 13 19-0314 | EA | 36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition | 4,463.93 | 118.10 |
| | | *For >10, Deduct* | *-422.77* | |
| | | *For Solid Color Material (No Particulate), Deduct* | *-972.38* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0315 | EA | 60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 5,883.13 | 126.68 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,294.85* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0316 | EA | 60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 6,518.75 | 130.98 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,439.06* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0317 | | Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)* | | |
| | | Note: Excludes above ceiling steel. | | |
| 10 21 13 19-0318 | EA | 36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition | 4,995.87 | 139.57 |
| | | *For >10, Deduct* | *-471.67* | |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,084.85* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0319 | EA | 60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 6,735.16 | 148.16 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,480.93* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0320 | EA | 60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 7,370.28 | 152.45 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,625.04* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0321 | | Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)* | | |
| | | Note: Excludes above ceiling steel. | | |
| 10 21 13 19-0322 | EA | 36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition | 5,032.76 | 161.04 |
| | | *For >10, Deduct* | *-471.07* | |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,083.46* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0323 | EA | 60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 6,452.48 | 169.63 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,406.04* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0324 | EA | 60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition | 7,087.59 | 173.93 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-1,550.14* | |
| | | *For Heavy Gauge Full-Height SS Hinges And Brackets, Add* | *176.89* | |
| 10 21 13 19-0325 | | Solid Polyester (Corian) Urinal Screens *(10 21 13 19-0307)* | | |
| 10 21 13 19-0326 | | Floor Anchored, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)* | | |
| 10 21 13 19-0327 | EA | 24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen | 1,167.04 | 60.09 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-240.78* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0328 | EA | 36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen | 1,551.55 | 64.38 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-327.24* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0329 | EA | 48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen | 1,936.08 | 68.68 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-413.71* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0330 | | Wall Hung, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)* | | |
| 10 21 13 19-0331 | EA | 18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen | 583.84 | 51.50 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-110.59* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0332 | EA | 24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen | 752.69 | 55.80 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-147.45* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0333 | EA | 30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen | 921.55 | 60.09 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-184.32* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 19-0334** | | **Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)* | | |
| 10 21 13 19-0335 | EA | 18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen | 771.14 | 55.80 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-151.69* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0336 | EA | 24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen | 967.70 | 60.09 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-194.93* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0337 | EA | 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen | 1,164.24 | 64.38 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-238.16* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 19-0338** | | **Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)* | | |
| 10 21 13 19-0339 | EA | 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen | 1,199.43 | 55.80 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-250.20* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0340 | EA | 34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen | 1,583.94 | 60.09 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-336.66* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0341 | EA | 46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen | 1,968.46 | 64.38 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-423.13* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 19-0342** | | **Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0307)* | | |
| | | See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories. | | |
| **10 21 13 19-0343** | | **Solid Polyester (Corian), Toilet Partition Doors** *(10 21 13 19-0342)* | | |
| 10 21 13 19-0344 | EA | 24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door | 942.85 | 17.17 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-208.95* | |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 19-0345 | EA | 26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door | 1,007.78 | 17.17 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-223.89* | |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 19-0346 | EA | 30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door | 1,149.39 | 19.32 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-255.47* | |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 19-0347 | EA | 34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door | 1,283.38 | 19.32 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-286.29* | |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| 10 21 13 19-0348 | EA | 36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door | 1,341.69 | 19.32 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-299.70* | |
| | | *For Heavy Gauge Full-Height SS Hinge, Add* | *78.87* | |
| **10 21 13 19-0349** | | **Solid Polyester (Corian), Toilet Partition Panels** *(10 21 13 19-0342)* | | |
| 10 21 13 19-0350 | EA | 6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 239.48 | 25.77 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-43.23* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0351 | EA | 12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 431.76 | 27.91 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-86.46* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0352 | EA | 18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 624.01 | 30.06 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-129.69* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0353 | EA | 24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 816.28 | 32.21 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-172.93* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0354 | EA | 30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 1,008.54 | 34.36 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-216.16* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0355 | EA | 36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 1,200.77 | 36.51 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-259.39* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0356 | EA | 42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 1,393.05 | 38.65 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-302.62* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0357 | EA | 48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 1,585.30 | 40.80 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-345.85* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0358 | EA | 55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 1,808.88 | 42.94 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-396.29* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0359 | EA | 58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 1,904.59 | 43.80 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-417.91* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0360 | EA | 60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 1,969.83 | 45.09 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-432.32* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0361 | EA | 70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 2,287.38 | 47.24 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-504.37* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0362 | EA | 78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel | 2,542.30 | 49.38 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-562.01* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 19-0363** | | **72" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)* | | |
| 10 21 13 19-0364 | EA | Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 320.77 | 12.89 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-67.85* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0365 | EA | 5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 398.81 | 15.03 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-84.81* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0366 | EA | 6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 476.86 | 17.17 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-101.78* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0367 | EA | 8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 628.67 | 19.32 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-135.70* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0368 | EA | 10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 780.46 | 21.47 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-169.63* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0369 | EA | 12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 932.25 | 23.62 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-203.55* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0370 | EA | 18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 1,379.04 | 25.77 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-305.33* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0371 | EA | 22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 1,678.36 | 27.91 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-373.18* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0372 | EA | 24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 1,830.15 | 30.06 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-407.11* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 19-0373** | | **82" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)* | | |
| 10 21 13 19-0374 | EA | Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 361.74 | 12.89 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-77.27* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0375 | EA | 5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 450.04 | 15.03 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-96.60* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0376 | EA | 6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 528.72 | 17.17 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-113.70* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0377 | EA | 8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 723.41 | 19.32 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-157.49* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0378 | EA | 10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 882.88 | 21.47 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-193.19* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0379 | EA | 12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 1,055.16 | 23.62 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-231.82* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0380 | EA | 18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 1,563.43 | 25.77 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-347.74* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0381 | EA | 22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 1,903.72 | 27.91 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-425.01* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0382 | EA | 24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 2,075.99 | 30.06 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-463.65* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| **10 21 13 19-0383** | | **96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)* | | |
| 10 21 13 19-0384 | EA | Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 476.86 | 17.17 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-101.78* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0385 | EA | 5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 591.78 | 19.32 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-127.22* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0386 | EA | 6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 706.71 | 21.47 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-152.67* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0387 | EA | 8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 932.25 | 23.62 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-203.55* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0388 | EA | 10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 1,157.79 | 25.77 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-254.44* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 13 19-0389 | EA | 12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 1,383.34 | 27.91 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-305.33* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0390 | EA | 18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 2,051.40 | 30.06 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-457.99* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0391 | EA | 22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 2,498.22 | 32.21 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-559.77* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |
| 10 21 13 19-0392 | EA | 24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster | 2,723.76 | 34.36 |
| | | *For Solid Color Material (No Particulate), Deduct* | *-610.66* | |
| | | *For Heavy Gauge Full-Height SS Brackets, Add* | *49.01* | |

## 10 21 13 43 Compartments and Cubicles Common Accessories *(10 21 13)*

### 10 21 13 43-0001 Accessories *(10 21 13 43)*

| | | | | |
|---|---|---|---|---|
| 10 21 13 43-0002 | LF | Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens | 11.02 | 1.72 |
| 10 21 13 43-0003 | LF | Stainless Steel Headrails For Toilet Partitions And Urinal Screens | 20.73 | 1.72 |
| 10 21 13 43-0004 | EA | Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts | 75.04 | |
| 10 21 13 43-0005 | EA | Replacement Of 58" Aluminum Wall U Bracket | 57.68 | |
| 10 21 13 43-0006 | EA | Replacement Of 58" Aluminum Wall Two Ear Bracket | 96.18 | |
| 10 21 13 43-0007 | EA | Replacement Of 54" Stainless Steel Wall U Bracket | 58.01 | |
| 10 21 13 43-0008 | EA | Replacement Of 54" Stainless Steel Wall Two Ear Bracket | 137.67 | |
| 10 21 13 43-0009 | EA | Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors | 160.88 | |
| 10 21 13 43-0010 | EA | Replacement Of 57-1/2" Stainless Steel Hinge | 96.94 | |

## 10 21 16 Shower and Dressing Compartments *(10 21)*

## 10 21 16 17 Phenolic-Core Shower and Dressing Compartments *(10 21 16)*

### 10 21 16 17-0001 Shower Dividers *(10 21 16 17)*

### 10 21 16 17-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 17-0001)*

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

| | | | | |
|---|---|---|---|---|
| 10 21 16 17-0003 | EA | 18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider | 702.09 | 107.36 |
| | | *For 66" High Panels, Add* | *73.11* | |
| 10 21 16 17-0004 | EA | 24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider | 881.74 | 115.95 |
| | | *For 66" High Panels, Add* | *97.47* | |
| 10 21 16 17-0005 | EA | 36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider | 1,139.59 | 128.83 |
| | | *For 66" High Panels, Add* | *132.29* | |
| 10 21 16 17-0006 | EA | 48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider | 1,344.98 | 150.31 |
| | | *For 66" High Panels, Add* | *156.66* | |
| 10 21 16 17-0007 | EA | 57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider | 1,550.39 | 171.78 |
| | | *For 66" High Panels, Add* | *181.02* | |

### 10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track *(10 21 16 17-0001)*

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

| | | | | |
|---|---|---|---|---|
| 10 21 16 17-0009 | EA | 18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track | 1,692.49 | 188.70 |
| | | *For 66" High Panels, Add* | *235.01* | |
| | | *For 6" Wide Head Rail, Add* | *43.23* | |
| | | *For 8" Wide Head Rail, Add* | *60.15* | |
| | | *For 10" Wide Head Rail, Add* | *73.30* | |
| | | *For 12" Wide Head Rail, Add* | *88.34* | |
| | | *For 18" Wide, 1/2" Thick Bench, Add* | *122.74* | |
| | | *For 24" Wide, 1/2" Thick Bench, Add* | *162.74* | |
| 10 21 16 17-0010 | EA | 24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track | 2,088.27 | 206.04 |
| | | *For 66" High Panels, Add* | *292.63* | |
| | | *For 6" Wide Head Rail, Add* | *54.41* | |
| | | *For 8" Wide Head Rail, Add* | *75.29* | |
| | | *For 10" Wide Head Rail, Add* | *92.05* | |
| | | *For 12" Wide Head Rail, Add* | *110.87* | |
| | | *For 18" Wide, 1/2" Thick Bench, Add* | *126.21* | |
| | | *For 24" Wide, 1/2" Thick Bench, Add* | *166.21* | |
| 10 21 16 17-0011 | EA | 36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track | 2,630.08 | 219.10 |
| | | *For 66" High Panels, Add* | *372.60* | |
| | | *For 6" Wide Head Rail, Add* | *70.14* | |
| | | *For 8" Wide Head Rail, Add* | *96.44* | |
| | | *For 10" Wide Head Rail, Add* | *118.36* | |
| | | *For 12" Wide Head Rail, Add* | *142.47* | |
| | | *For 18" Wide, 1/2" Thick Bench, Add* | *128.82* | |
| | | *For 24" Wide, 1/2" Thick Bench, Add* | *168.82* | |
| 10 21 16 17-0012 | EA | 48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track | 2,811.06 | 245.12 |
| | | *For 66" High Panels, Add* | *397.15* | |
| | | *For 6" Wide Head Rail, Add* | *74.53* | |
| | | *For 8" Wide Head Rail, Add* | *102.64* | |
| | | *For 10" Wide Head Rail, Add* | *125.85* | |
| | | *For 12" Wide Head Rail, Add* | *151.51* | |
| | | *For 18" Wide, 1/2" Thick Bench, Add* | *134.02* | |
| | | *For 24" Wide, 1/2" Thick Bench, Add* | *174.02* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 21 16 17-0013 | EA | 57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track | 3,214.62 | 266.42 |
| | | *For 66" High Panels, Add* | *455.55* | |
| | | *For 6" Wide Head Rail, Add* | *85.78* | |
| | | *For 8" Wide Head Rail, Add* | *117.93* | |
| | | *For 10" Wide Head Rail, Add* | *144.75* | |
| | | *For 12" Wide Head Rail, Add* | *174.23* | |
| | | *For 18" Wide, 1/2" Thick Bench, Add* | *138.28* | |
| | | *For 24" Wide, 1/2" Thick Bench, Add* | *178.28* | |

## 10 22 Partitions *(10 20)*

### 10 22 13 Wire Mesh Partitions *(10 22)*

#### 10 22 13 00-0001 Wall Panels *(10 22 13)*

Note: Includes steel frame and posts. Posts bolted to floor.

| | | | | |
|---|---|---|---|---|
| 10 22 13 00-0002 | SF | Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts | 15.24 | 1.07 |
| | | *For 5' Wide Panels, Add* | *0.65* | |
| 10 22 13 00-0003 | SF | Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts | 16.77 | 1.29 |
| | | *For 5' Wide Panels, Add* | *0.71* | |
| 10 22 13 00-0004 | SF | Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts | 18.82 | 1.50 |
| | | *For 5' Wide Panels, Add* | *0.79* | |

#### 10 22 13 00-0005 Ceiling Panels *(10 22 13)*

Note: Includes steel frame.

| | | | | |
|---|---|---|---|---|
| 10 22 13 00-0006 | SF | Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts | 15.62 | 1.29 |
| 10 22 13 00-0007 | SF | Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts | 17.17 | 1.50 |
| 10 22 13 00-0008 | SF | Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts | 18.95 | 1.72 |

#### 10 22 13 00-0009 Sliding Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

| | | | | |
|---|---|---|---|---|
| 10 22 13 00-0010 | EA | 4' x 8' Sliding Door, 10 Gauge With Cylinder Lock | 1,310.69 | 225.46 |
| | | *For 8 Gauge, Add* | *151.51* | |
| | | *For 6 Gauge, Add* | *303.02* | |
| 10 22 13 00-0011 | EA | 4' x 10' Sliding Door, 10 Gauge With Cylinder Lock | 1,369.59 | 249.08 |
| | | *For 8 Gauge, Add* | *155.62* | |
| | | *For 6 Gauge, Add* | *311.25* | |
| 10 22 13 00-0012 | EA | 5' x 8' Sliding Door, 10 Gauge With Cylinder Lock | 1,512.08 | 257.67 |
| | | *For 8 Gauge, Add* | *175.28* | |
| | | *For 6 Gauge, Add* | *350.56* | |
| 10 22 13 00-0013 | EA | 5' x 10' Sliding Door, 10 Gauge With Cylinder Lock | 1,651.21 | 279.14 |
| | | *For 8 Gauge, Add* | *191.85* | |
| | | *For 6 Gauge, Add* | *383.71* | |
| 10 22 13 00-0014 | EA | 6' x 8' Sliding Door, 10 Gauge With Cylinder Lock | 1,700.13 | 296.32 |
| | | *For 8 Gauge, Add* | *195.76* | |
| | | *For 6 Gauge, Add* | *391.51* | |
| 10 22 13 00-0015 | EA | 6' x 10' Sliding Door, 10 Gauge With Cylinder Lock | 1,883.13 | 313.50 |
| | | *For 8 Gauge, Add* | *219.77* | |
| | | *For 6 Gauge, Add* | *439.54* | |
| 10 22 13 00-0016 | EA | 8' x 8' Sliding Door, 10 Gauge With Cylinder Lock | 2,023.65 | 337.12 |
| | | *For 8 Gauge, Add* | *236.12* | |
| | | *For 6 Gauge, Add* | *472.25* | |
| 10 22 13 00-0017 | EA | 8' x 10' Sliding Door, 10 Gauge With Cylinder Lock | 2,216.91 | 352.14 |
| | | *For 8 Gauge, Add* | *262.11* | |
| | | *For 6 Gauge, Add* | *524.22* | |
| 10 22 13 00-0018 | EA | 10' x 8' Sliding Door, 10 Gauge With Cylinder Lock | 2,231.17 | 360.74 |
| | | *For 8 Gauge, Add* | *262.53* | |
| | | *For 6 Gauge, Add* | *525.06* | |
| 10 22 13 00-0019 | EA | 10' x 10' Sliding Door, 10 Gauge With Cylinder Lock | 2,478.13 | 382.21 |
| | | *For 8 Gauge, Add* | *295.28* | |
| | | *For 6 Gauge, Add* | *590.56* | |

#### 10 22 13 00-0020 Swing Doors *(10 22 13)*

#### 10 22 13 00-0021 Single Swing Door *(10 22 13 00-0020)*

| | | | | |
|---|---|---|---|---|
| 10 22 13 00-0022 | EA | 3' x 7' Swing Door, 10 Gauge With Cylinder Lock | 907.08 | 133.13 |
| | | *For 8 Gauge, Add* | *107.43* | |
| | | *For 6 Gauge, Add* | *214.86* | |
| 10 22 13 00-0023 | EA | 3' x 8' Swing Door, 10 Gauge With Cylinder Lock | 979.68 | 150.31 |
| | | *For 8 Gauge, Add* | *116.89* | |
| | | *For 6 Gauge, Add* | *233.78* | |
| 10 22 13 00-0024 | EA | 3' x 9' Swing Door, 10 Gauge With Cylinder Lock | 1,052.24 | 158.89 |
| | | *For 8 Gauge, Add* | *126.06* | |
| | | *For 6 Gauge, Add* | *252.11* | |
| 10 22 13 00-0025 | EA | 4' x 7' Swing Door, 10 Gauge With Cylinder Lock | 1,022.63 | 171.78 |
| | | *For 8 Gauge, Add* | *119.04* | |
| | | *For 6 Gauge, Add* | *238.08* | |
| 10 22 13 00-0026 | EA | 4' x 8' Swing Door, 10 Gauge With Cylinder Lock | 1,098.10 | 180.36 |
| | | *For 8 Gauge, Add* | *128.64* | |
| | | *For 6 Gauge, Add* | *257.28* | |
| 10 22 13 00-0027 | EA | 4' x 9' Swing Door, 10 Gauge With Cylinder Lock | 1,146.89 | 188.96 |
| | | *For 8 Gauge, Add* | *134.24* | |
| | | *For 6 Gauge, Add* | *268.49* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 22 13 00-0028 | EA | 4' x 7' Dutch Door, 10 Gauge With Cylinder Lock | 1,401.69 | 171.78 |
| | | *For 8 Gauge, Add* | *175.90* | |
| | | *For 6 Gauge, Add* | *351.80* | |
| 10 22 13 00-0029 | EA | 4' x 8' Dutch Door, 10 Gauge With Cylinder Lock | 1,489.04 | 180.36 |
| | | *For 8 Gauge, Add* | *187.28* | |
| | | *For 6 Gauge, Add* | *374.56* | |

10 22 13 00-0030 Double Swing Doors *(10 22 13 00-0020)*

| | | | | |
|---|---|---|---|---|
| 10 22 13 00-0031 | EA | 6' x 7' Double Swing Door, 10 Gauge With Cylinder Lock | 1,446.59 | 214.72 |
| | | *For 8 Gauge, Add* | *174.04* | |
| | | *For 6 Gauge, Add* | *348.09* | |
| 10 22 13 00-0032 | EA | 6' x 8' Double Swing Door, 10 Gauge With Cylinder Lock | 1,472.36 | 227.61 |
| | | *For 8 Gauge, Add* | *175.33* | |
| | | *For 6 Gauge, Add* | *350.67* | |
| 10 22 13 00-0033 | EA | 6' x 9' Double Swing Door, 10 Gauge With Cylinder Lock | 2,098.52 | 240.49 |
| | | *For 8 Gauge, Add* | *266.68* | |
| | | *For 6 Gauge, Add* | *533.36* | |
| 10 22 13 00-0034 | EA | 8 x 7' Double Swing Door, 10 Gauge With Cylinder Lock | 1,532.48 | 257.67 |
| | | *For 8 Gauge, Add* | *178.34* | |
| | | *For 6 Gauge, Add* | *356.68* | |
| 10 22 13 00-0035 | EA | 8 x 8' Double Swing Door, 10 Gauge With Cylinder Lock | 1,558.25 | 270.55 |
| | | *For 8 Gauge, Add* | *179.63* | |
| | | *For 6 Gauge, Add* | *359.26* | |
| 10 22 13 00-0036 | EA | 8 x 9' Double Swing Door, 10 Gauge With Cylinder Lock | 2,184.41 | 283.44 |
| | | *For 8 Gauge, Add* | *270.97* | |
| | | *For 6 Gauge, Add* | *541.95* | |

## 10 22 19 Demountable Partitions *(10 22)*

### 10 22 19 13 Demountable Metal Partitions *(10 22 19)*

| | | | | |
|---|---|---|---|---|
| 10 22 19 13-0001 | LF | 9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick | 139.12 | 13.67 |
| | | *For >9, Add 17.39* | | |
| 10 22 19 13-0002 | LF | 7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick | 122.49 | 10.88 |
| | | *For >9, Add 15.31* | | |
| 10 22 19 13-0003 | LF | 5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick | 105.86 | 8.18 |
| | | *For >9, Add 13.23* | | |
| 10 22 19 13-0004 | LF | 9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel | 147.66 | 10.88 |
| | | *For >9, Add 18.46* | | |
| 10 22 19 13-0005 | LF | 9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric | 216.21 | 11.71 |
| | | *For >9, Add 27.03* | | |

### 10 22 19 43 Demountable Composite Partitions *(10 22 19)*

| | | | | |
|---|---|---|---|---|
| 10 22 19 43-0001 | LF | Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad | 217.33 | 13.67 |
| | | *For >9, Add 27.17* | | |
| 10 22 19 43-0002 | LF | Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad | 272.94 | 14.89 |
| | | *For >9, Add 34.12* | | |
| 10 22 19 43-0003 | SF | Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick | 45.93 | 2.05 |
| | | *For Acoustical Partitions, Add* | *4.19* | |
| 10 22 19 43-0004 | SF | Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick | 57.17 | 3.43 |
| | | *For Acoustical Partitions, Add* | *5.03* | |
| 10 22 19 43-0005 | SF | Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick | 49.00 | 2.13 |
| | | *For Acoustical Partitions, Add* | *4.47* | |
| 10 22 19 43-0006 | SF | Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick | 70.13 | 2.95 |
| | | *For Acoustical Partitions, Add* | *6.43* | |

### 10 22 19 53 Demountable Gypsum Partitions *(10 22 19)*

10 22 19 53-0001 Demountable Gypsum Partitions *(10 22 19 53)*

| | | | | |
|---|---|---|---|---|
| 10 22 19 53-0002 | LF | 9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad | 85.40 | 13.67 |
| | | *For >9, Add 10.68* | | |
| 10 22 19 53-0003 | LF | 9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad | 147.51 | 14.89 |
| | | *For >9, Add 18.44* | | |
| 10 22 19 53-0004 | LF | 9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad | 158.62 | 16.37 |
| | | *For >9, Add 19.83* | | |
| 10 22 19 53-0005 | LF | 9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad | 175.40 | 13.67 |
| | | *For >9, Add 21.93* | | |
| 10 22 19 53-0006 | LF | 9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad | 295.30 | 14.89 |
| | | *For >9, Add 36.91* | | |

## 10 22 23 Portable Partitions, Screens, and Panels *(10 22)*

Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

### 10 22 23 23 Movable Panel Systems *(10 22 23)*

10 22 23 23-0001 Portable Partitions *(10 22 23 23)*

| | | | | |
|---|---|---|---|---|
| 10 22 23 23-0002 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High | 278.65 | 6.55 |
| 10 22 23 23-0003 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High | 296.89 | 7.28 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 22 23 23-0004 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High | 352.91 | 8.76 |
| 10 22 23 23-0005 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High | 205.96 | 3.77 |
| 10 22 23 23-0006 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High | 218.39 | 4.33 |
| 10 22 23 23-0007 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High | 245.29 | 5.23 |
| 10 22 23 23-0008 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High | 209.35 | 4.01 |
| 10 22 23 23-0009 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High | 372.36 | 7.28 |
| 10 22 23 23-0010 | LF | Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High | 408.82 | 8.76 |
| 10 22 23 23-0011 | LF | Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High | 216.78 | 4.99 |
| 10 22 23 23-0012 | LF | Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High | 246.50 | 5.81 |
| 10 22 23 23-0013 | LF | Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High | 198.82 | 4.33 |
| 10 22 23 23-0014 | LF | Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High | 222.93 | 5.23 |
| 10 22 23 23-0015 | LF | Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High | 330.43 | 7.28 |
| 10 22 23 23-0016 | LF | Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High | 372.48 | 8.76 |
| 10 22 23 23-0017 | LF | Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High | 336.02 | 7.28 |
| 10 22 23 23-0018 | LF | Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High | 408.82 | 8.76 |
| 10 22 23 23-0019 | LF | Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High | 260.32 | 4.33 |
| 10 22 23 23-0020 | LF | Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High | 292.82 | 5.23 |
| 10 22 23 23-0021 | LF | Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High | 275.04 | 4.01 |
| 10 22 23 23-0022 | LF | Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High | 328.17 | 4.75 |
| 10 22 23 23-0023 | LF | Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High | 158.08 | 4.99 |
| 10 22 23 23-0024 | LF | Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High | 186.40 | 5.81 |
| 10 22 23 23-0025 | LF | Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High | 168.42 | 5.23 |
| 10 22 23 23-0026 | LF | Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High | 122.69 | 4.01 |
| 10 22 23 23-0027 | LF | Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side | 200.57 | 5.23 |
| 10 22 23 23-0028 | LF | Partitions, Portable, Metal Chalkboard, 2 Sides | 228.95 | 5.49 |
| 10 22 23 23-0029 | LF | Partitions, Portable, Tackboard, Both Sides | 183.97 | 5.32 |

### 10 22 23 23-0030 Adjustable Barrier Panel System (Edge Guard) *(10 22 23 23)*

Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

| | | | | |
|---|---|---|---|---|
| 10 22 23 23-0031 | EA | 4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000) | 902.63 | |
| 10 22 23 23-0032 | EA | 3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001) | 856.73 | |
| 10 22 23 23-0033 | EA | 2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002) | 673.15 | |
| 10 22 23 23-0034 | EA | 2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1) | 780.24 | |
| 10 22 23 23-0035 | EA | 3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010)<br>Note: Includes a hydraulic closer and a lever style lockset standard. | 1,384.55 | |
| 10 22 23 23-0036 | EA | 4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003) | 1,537.54 | |
| 10 22 23 23-0037 | EA | 4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)<br>Note: Includes a hydraulic closer and a lever style lockset standard. | 1,843.52 | |
| 10 22 23 23-0038 | EA | 7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004) | 300.20 | |
| 10 22 23 23-0039 | EA | 6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005) | 413.07 | |
| 10 22 23 23-0040 | EA | 12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006) | 443.67 | |
| 10 22 23 23-0041 | EA | 7'-8" To 10' High, Outside Corner Post (Edge Guard 4007) | 246.65 | |
| 10 22 23 23-0042 | EA | 7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009) | 246.65 | |
| 10 22 23 23-0043 | EA | Closure Strips (Edge Guard 3003)<br>Note: To seal panels to existing walls | 16.02 | |
| 10 22 23 23-0044 | EA | Digital Differential Pressure Gauge Kit (Edge Guard 3005) | 425.02 | |

## 10 22 33 Accordion Folding Partitions *(10 22)*

### 10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

| | | | | |
|---|---|---|---|---|
| 10 22 33 00-0002 | SF | 15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500) | 74.88 | 4.05 |
| | | *For <135, Add* | *14.98* | |
| 10 22 33 00-0003 | SF | 20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000) | 76.01 | 4.19 |
| | | *For <135, Add* | *15.20* | |
| 10 22 33 00-0004 | SF | 31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100) | 79.63 | 4.32 |
| | | *For <135, Add* | *15.93* | |
| 10 22 33 00-0005 | SF | 35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500) | 84.57 | 4.47 |
| | | *For <135, Add* | *16.91* | |
| 10 22 33 00-0006 | SF | 39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900) | 86.00 | 4.59 |
| | | *For <135, Add* | *17.20* | |
| 10 22 33 00-0007 | SF | 40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000) | 87.01 | 4.73 |
| | | *For <135, Add* | *17.40* | |
| 10 22 33 00-0008 | SF | 41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100) | 87.98 | 4.86 |
| | | *For <135, Add* | *17.60* | |
| 10 22 33 00-0009 | SF | 45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500) | 89.15 | 5.13 |
| | | *For <135, Add* | *17.83* | |

## 10 22 43 Sliding Partitions *(10 22)*

### 10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

| | | | | |
|---|---|---|---|---|
| 10 22 43 00-0002 | SF | Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating<br>Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | 110.03 | 7.46 |
| | | *For 51 STC, Add* | *9.64* | |
| 10 22 43 00-0003 | SF | >720 To 1,200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating<br>Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | 103.67 | 5.97 |
| | | *For 51 STC, Add* | *9.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 22 43 00-0004 | SF | >1,200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating | 98.83 | 4.96 |
| | | Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | | |
| | | *For 51 STC, Add* | *9.23* | |
| 10 22 43 00-0005 | SF | Up To 1,080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating | 95.47 | 5.23 |
| | | Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | | |
| | | *For 51 STC, Add* | *8.78* | |
| 10 22 43 00-0006 | SF | >1,080 To 1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating | 90.32 | 4.25 |
| | | Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | | |
| | | *For 51 STC, Add* | *8.53* | |
| 10 22 43 00-0007 | SF | >1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating | 87.09 | 3.80 |
| | | Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | | |
| | | *For 51 STC, Add* | *8.32* | |
| 10 22 43 00-0008 | SF | Up To 1,440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating | 85.59 | 4.10 |
| | | Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | | |
| | | *For 51 STC, Add* | *8.06* | |
| 10 22 43 00-0009 | SF | >1,440 To 2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating | 81.50 | 3.50 |
| | | Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | | |
| | | *For 51 STC, Add* | *7.81* | |
| 10 22 43 00-0010 | SF | >2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating | 78.54 | 3.13 |
| | | Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E. | | |
| | | *For 51 STC, Add* | *7.61* | |
| 10 22 43 00-0011 | SF | Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating | 118.38 | 6.64 |
| | | Note: Includes type 3 pocket door, track and hardware. Hufcor 632. | | |
| | | *For 51 STC, Add* | *10.83* | |
| 10 22 43 00-0012 | SF | >160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating | 110.97 | 5.05 |
| | | Note: Includes type 3 pocket door, track and hardware. Hufcor 632. | | |
| | | *For 51 STC, Add* | *10.54* | |
| 10 22 43 00-0013 | SF | >240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating | 106.37 | 4.25 |
| | | Note: Includes type 3 pocket door, track and hardware. Hufcor 632. | | |
| | | *For 51 STC, Add* | *10.30* | |

## 10 26 Wall and Door Protection *(10 20)*

### 10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0005 | LF | 3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34) | 6.63 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.05* | |
| 10 26 13 00-0006 | LF | 1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12) | 7.20 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.08* | |
| 10 26 13 00-0007 | LF | 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13) | 10.35 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.24* | |
| 10 26 13 00-0008 | LF | 4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14) | 14.28 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.43* | |

10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0010 | LF | 1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245) | 13.57 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.40* | |

10 26 13 00-0011 Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)*
Note: Includes closure caps.

10 26 13 00-0012 Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*

10 26 13 00-0013 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 26 13 00-0014 | LF | 2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20) | 12.84 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.21* | |
| | | *For Recycled Vinyl Retainer, Deduct* | *-1.28* | |
| 10 26 13 00-0015 | LF | 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10) | 14.59 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.30* | |
| | | *For Recycled Vinyl Retainer, Deduct* | *-1.63* | |
| 10 26 13 00-0016 | LF | Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30) | 16.34 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.39* | |
| | | *For Recycled Vinyl Retainer, Deduct* | *-1.98* | |

### 10 26 13 00-0017 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0018 | LF | 3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135) | 19.62 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.55* | |
| | | *For Recycled Vinyl Retainer, Deduct* | *-2.64* | |

### 10 26 13 00-0019 End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*

Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0020 | LF | 2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11) | 28.05 | 5.15 |
| | | *For >50 To 100, Deduct* | *-2.15* | |
| | | *For >100 To 200, Deduct* | *-3.00* | |
| | | *For >200, Deduct* | *-4.83* | |
| | | *For Recycled Vinyl Retainer, Deduct* | *-3.89* | |

### 10 26 13 00-0021 Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*

### 10 26 13 00-0022 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0023 | LF | 2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72) | 17.88 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.47* | |
| | | *For Up To 2 HR Fire Rated, Add* | *8.02* | |
| 10 26 13 00-0024 | LF | 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7) | 22.03 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.67* | |
| | | *For Up To 2 HR Fire Rated, Add* | *10.92* | |
| 10 26 13 00-0025 | LF | Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32) | 20.24 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.58* | |
| | | *For Up To 2 HR Fire Rated, Add* | *9.67* | |

### 10 26 13 00-0026 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0027 | LF | 3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75) | 23.80 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.76* | |
| | | *For Up To 2 HR Fire Rated, Add* | *12.16* | |

### 10 26 13 00-0028 End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0029 | LF | 2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888) | 51.64 | 5.15 |
| | | *For >50 To 100, Deduct* | *-2.15* | |
| | | *For >100 To 200, Deduct* | *-3.00* | |
| | | *For >200, Deduct* | *-6.01* | |
| | | *For Up To 2 HR Fire Rated, Add* | *30.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 26 13 00-0030 | | Flexible Vinyl Corner Guards *(10 26 13 00-0001)*<br>Note: Includes adhesive for installation. | | |
| 10 26 13 00-0031 | | Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)* | | |
| 10 26 13 00-0032 | | 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)* | | |
| 10 26 13 00-0033 | LF | 1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9) | 9.70 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.21* | |
| | | *For Bolting To Concrete Or Masonry, Add* | *2.10* | |
| 10 26 13 00-0034 | LF | 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3) | 12.82 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.36* | |
| | | *For Bolting To Concrete Or Masonry, Add* | *2.57* | |
| 10 26 13 00-0035 | LF | 4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15) | 15.35 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.49* | |
| | | *For Bolting To Concrete Or Masonry, Add* | *2.95* | |
| 10 26 13 00-0036 | | Polycarbonate Corner Guards *(10 26 13)* | | |
| 10 26 13 00-0037 | | Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)* | | |
| 10 26 13 00-0038 | | 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)* | | |
| 10 26 13 00-0039 | LF | 3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16) | 5.93 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.02* | |
| 10 26 13 00-0040 | LF | 1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17) | 7.46 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.09* | |
| 10 26 13 00-0041 | LF | 2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24) | 9.24 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.18* | |
| 10 26 13 00-0042 | LF | 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18) | 10.32 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.24* | |
| 10 26 13 00-0043 | LF | Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23) | 9.92 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.22* | |
| 10 26 13 00-0044 | | 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)* | | |
| 10 26 13 00-0045 | LF | 2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19) | 10.32 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.24* | |
| 10 26 13 00-0046 | | Aluminum Corner Guards *(10 26 13)* | | |
| 10 26 13 00-0047 | | Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)* | | |
| 10 26 13 00-0048 | | 90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)* | | |
| 10 26 13 00-0049 | LF | 1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400) | 9.03 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.17* | |
| 10 26 13 00-0050 | LF | 2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401) | 11.10 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.28* | |
| 10 26 13 00-0051 | LF | 3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402) | 12.37 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.34* | |
| 10 26 13 00-0052 | | 135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)* | | |
| 10 26 13 00-0053 | LF | 1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403) | 9.03 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.17* | |
| 10 26 13 00-0054 | LF | 2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404) | 11.10 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.28* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 26 13 00-0055 | LF | 3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405) | 12.37 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.34* | |

### 10 26 13 00-0056 Steel Corner Guards *(10 26 13)*

### 10 26 13 00-0057 Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*

### 10 26 13 00-0058 Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*

### 10 26 13 00-0059 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0060 | LF | 1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard | 11.84 | 3.09 |
| | | *For Galvanizing, Add* | *2.34* | |
| | | *For >50 To 100, Deduct* | *-1.29* | |
| | | *For >100 To 200, Deduct* | *-1.80* | |
| | | *For >200, Deduct* | *-2.65* | |
| 10 26 13 00-0061 | LF | 2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard | 15.34 | 3.35 |
| | | *For Galvanizing, Add* | *3.42* | |
| | | *For >50 To 100, Deduct* | *-1.40* | |
| | | *For >100 To 200, Deduct* | *-1.95* | |
| | | *For >200, Deduct* | *-3.00* | |
| 10 26 13 00-0062 | LF | 2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard | 16.36 | 3.48 |
| | | *For Galvanizing, Add* | *3.70* | |
| | | *For >50 To 100, Deduct* | *-1.45* | |
| | | *For >100 To 200, Deduct* | *-2.03* | |
| | | *For >200, Deduct* | *-3.14* | |
| 10 26 13 00-0063 | LF | 3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard | 16.70 | 3.61 |
| | | *For Galvanizing, Add* | *3.74* | |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.10* | |
| | | *For >200, Deduct* | *-3.24* | |
| 10 26 13 00-0064 | LF | 3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard | 21.17 | 3.73 |
| | | *For Galvanizing, Add* | *5.23* | |
| | | *For >50 To 100, Deduct* | *-1.56* | |
| | | *For >100 To 200, Deduct* | *-2.18* | |
| | | *For >200, Deduct* | *-3.55* | |
| 10 26 13 00-0065 | LF | 4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard | 25.66 | 3.86 |
| | | *For Galvanizing, Add* | *6.73* | |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-3.86* | |
| 10 26 13 00-0066 | LF | 6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard | 44.46 | 5.15 |
| | | *For Galvanizing, Add* | *12.56* | |
| | | *For >50 To 100, Deduct* | *-2.15* | |
| | | *For >100 To 200, Deduct* | *-3.00* | |
| | | *For >200, Deduct* | *-5.66* | |

### 10 26 13 00-0067 Stainless Steel Corner Guards *(10 26 13)*

### 10 26 13 00-0068 Stainless Steel Corner Guards *(10 26 13 00-0067)*

Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.

### 10 26 13 00-0069 Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*

### 10 26 13 00-0070 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0071 | LF | 1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520) | 10.21 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.23* | |
| 10 26 13 00-0072 | LF | 2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510) | 12.02 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.32* | |
| 10 26 13 00-0073 | LF | 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500) | 16.75 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.56* | |
| 10 26 13 00-0074 | LF | Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550) | 16.75 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.56* | |

### 10 26 13 00-0075 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*

| | | | | |
|---|---|---|---|---|
| 10 26 13 00-0076 | LF | 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600) | 16.75 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.56* | |
| 10 26 13 00-0077 | LF | Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650) | 16.75 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 26 13 00-0078 | | Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)* | | |
| 10 26 13 00-0079 | | Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)* | | |
| 10 26 13 00-0080 | | 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)* | | |
| 10 26 13 00-0081 | LF | 1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard | 20.60 | 3.09 |
| | | *For >50 To 100, Deduct* | *-1.29* | |
| | | *For >100 To 200, Deduct* | *-1.80* | |
| | | *For >200, Deduct* | *-3.09* | |
| 10 26 13 00-0082 | LF | 2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard | 34.87 | 3.35 |
| | | *For >50 To 100, Deduct* | *-1.40* | |
| | | *For >100 To 200, Deduct* | *-1.95* | |
| | | *For >200, Deduct* | *-3.98* | |
| 10 26 13 00-0083 | LF | 2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard | 49.17 | 3.48 |
| | | *For >50 To 100, Deduct* | *-1.45* | |
| | | *For >100 To 200, Deduct* | *-2.03* | |
| | | *For >200, Deduct* | *-4.78* | |
| 10 26 13 00-0084 | LF | 3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard | 45.78 | 3.61 |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.10* | |
| | | *For >200, Deduct* | *-4.69* | |
| 10 26 13 00-0085 | LF | 3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard | 65.93 | 3.73 |
| | | *For >50 To 100, Deduct* | *-1.56* | |
| | | *For >100 To 200, Deduct* | *-2.18* | |
| | | *For >200, Deduct* | *-5.78* | |
| 10 26 13 00-0086 | LF | 4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard | 60.75 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.61* | |
| | | *For >100 To 200, Deduct* | *-2.25* | |
| | | *For >200, Deduct* | *-5.61* | |
| 10 26 13 00-0087 | | Rubber Corner Guards *(10 26 13)* Note: Includes adhesive for installation. | | |
| 10 26 13 00-0088 | | Natural Rubber Corner Guards *(10 26 13 00-0087)* | | |
| 10 26 13 00-0089 | | Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)* | | |
| 10 26 13 00-0090 | | 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)* | | |
| 10 26 13 00-0091 | LF | 4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5) | 51.07 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-4.27* | |
| | | *For Bolting To Concrete Or Masonry, Add* | *8.31* | |
| 10 26 13 00-0092 | | Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0087)* | | |
| 10 26 13 00-0093 | | Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0092)* | | |
| 10 26 13 00-0094 | | 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0093)* | | |
| 10 26 13 00-0095 | LF | 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2) | 22.27 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.83* | |
| | | *For Bolting To Concrete Or Masonry, Add* | *3.99* | |
| 10 26 13 00-0096 | | Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0087)* | | |
| 10 26 13 00-0097 | | Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0096)* | | |
| 10 26 13 00-0098 | | 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0097)* | | |
| 10 26 13 00-0099 | LF | 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E) | 19.38 | 2.57 |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.51* | |
| | | *For >200, Deduct* | *-2.69* | |
| | | *For Bolting To Concrete Or Masonry, Add* | *3.55* | |
| **10 26 16** | | **Bumper Guards** *(10 26)* | | |
| **10 26 16 13** | | **Bumper Rails** *(10 26 16)* | | |
| 10 26 16 13-0001 | | Crash Rails *(10 26 16 13)* Note: Includes end caps. | | |
| 10 26 16 13-0002 | | Polycarbonate Crash Rails *(10 26 16 13-0001)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 26 16 13-0003 | LF | 3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3) | 10.68 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-3.28* | |
| 10 26 16 13-0004 | LF | 4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4) | 12.04 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-3.35* | |
| **10 26 16 13-0005** | | **Aluminum Crash Rails** *(10 26 16 13-0001)* | | |
| 10 26 16 13-0006 | LF | 4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100) | 35.57 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-4.53* | |
| **10 26 16 13-0007** | | **Stainless Steel Crash Rails** *(10 26 16 13-0001)* | | |
| 10 26 16 13-0008 | LF | 4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100) | 64.28 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-5.96* | |
| 10 26 16 13-0009 | LF | 5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200) | 49.93 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-5.24* | |
| **10 26 16 13-0010** | | **Wall Guards** *(10 26 16 13)* | | |
| **10 26 16 13-0011** | | **Rigid Vinyl Wall Guards With Aluminum Retainers** *(10 26 16 13-0010)* | | |
| | | Note: Includes end caps. | | |
| 10 26 16 13-0012 | LF | 1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1) | 11.40 | 3.01 |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.10* | |
| | | *For >200, Deduct* | *-2.97* | |
| 10 26 16 13-0013 | LF | 3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3) | 14.02 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-3.45* | |
| 10 26 16 13-0014 | LF | 4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4) | 15.36 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-3.52* | |
| 10 26 16 13-0015 | LF | 5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5) | 16.09 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-3.55* | |
| 10 26 16 13-0016 | LF | 6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6) | 19.50 | 3.65 |
| | | *For >50 To 100, Deduct* | *-1.83* | |
| | | *For >100 To 200, Deduct* | *-2.56* | |
| | | *For >200, Deduct* | *-3.90* | |
| 10 26 16 13-0017 | LF | 8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7) | 19.62 | 3.65 |
| | | *For >50 To 100, Deduct* | *-1.83* | |
| | | *For >100 To 200, Deduct* | *-2.56* | |
| | | *For >200, Deduct* | *-3.90* | |
| 10 26 16 13-0018 | LF | 7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8) | 20.26 | 3.65 |
| | | *For >50 To 100, Deduct* | *-1.83* | |
| | | *For >100 To 200, Deduct* | *-2.56* | |
| | | *For >200, Deduct* | *-3.93* | |
| 10 26 16 13-0019 | LF | 12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12) | 24.72 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100 To 200, Deduct* | *-2.70* | |
| | | *For >200, Deduct* | *-4.32* | |
| **10 26 16 13-0020** | | **Rubber Wall Guards** *(10 26 16 13-0010)* | | |
| **10 26 16 13-0021** | | **D-Shaped, Rubber Wall Guards** *(10 26 16 13-0020)* | | |
| 10 26 16 13-0022 | LF | 2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2) | 15.98 | 3.01 |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.10* | |
| | | *For >200, Deduct* | *-3.20* | |
| 10 26 16 13-0023 | LF | 3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3) | 24.09 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-3.95* | |
| 10 26 16 13-0024 | LF | 4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4) | 36.51 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-4.57* | |
| 10 26 16 13-0025 | LF | 6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6) | 52.15 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-5.36* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 26 16 13-0026** | | **Rectangular, Rubber Wall Guards** *(10 26 16 13-0020)* | | |
| 10 26 16 13-0027 | LF | 8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1) | 39.09 | 3.65 |
| | | *For >50 To 100, Deduct* | *-1.83* | |
| | | *For >100 To 200, Deduct* | *-2.56* | |
| | | *For >200, Deduct* | *-4.87* | |
| 10 26 16 13-0028 | LF | 9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2) | 49.77 | 3.86 |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100 To 200, Deduct* | *-2.70* | |
| | | *For >200, Deduct* | *-5.58* | |
| **10 26 16 13-0029** | | **Wing Type, Rubber Wall Guards** *(10 26 16 13-0020)* | | |
| 10 26 16 13-0030 | LF | 6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20) | 65.71 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-6.03* | |
| 10 26 16 13-0031 | LF | 6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30) | 70.02 | 3.43 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 200, Deduct* | *-2.40* | |
| | | *For >200, Deduct* | *-6.25* | |
| 10 26 16 13-0032 | LF | 3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25) | 31.10 | 3.01 |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.10* | |
| | | *For >200, Deduct* | *-3.96* | |
| **10 26 16 13-0033** | | **U-Shaped, Rubber Wall Guards** *(10 26 16 13-0020)* | | |
| 10 26 16 13-0034 | LF | 3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4) | 55.02 | 3.65 |
| | | *For >50 To 100, Deduct* | *-1.83* | |
| | | *For >100 To 200, Deduct* | *-2.56* | |
| | | *For >200, Deduct* | *-5.67* | |
| 10 26 16 13-0035 | LF | 4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3) | 61.84 | 3.65 |
| | | *For >50 To 100, Deduct* | *-1.83* | |
| | | *For >100 To 200, Deduct* | *-2.56* | |
| | | *For >200, Deduct* | *-6.01* | |
| **10 26 16 13-0036** | | **Accent Rails** *(10 26 16 13)* | | |
| | | Note: Includes end caps. | | |
| **10 26 16 13-0037** | | **Oval, Rigid Vinyl Accent Rails With Aluminum Retainers** *(10 26 16 13-0036)* | | |
| 10 26 16 13-0038 | LF | 1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25) | 13.74 | 3.01 |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.10* | |
| | | *For >200, Deduct* | *-3.09* | |
| 10 26 16 13-0039 | LF | 2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30) | 13.77 | 3.01 |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.10* | |
| | | *For >200, Deduct* | *-3.09* | |
| 10 26 16 13-0040 | LF | 2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22) | 20.38 | 3.01 |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.10* | |
| | | *For >200, Deduct* | *-3.42* | |
| **10 26 16 16** | | **Protective Corridor Handrails** *(10 26 16)* | | |
| **10 26 16 16-0001** | | **Protective Corridor Handrails** *(10 26 16 16)* | | |
| **10 26 16 16-0002** | | **Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers** *(10 26 16 16-0001)* | | |
| 10 26 16 16-0003 | LF | 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN) | 24.47 | 6.43 |
| | | *For >50 To 100, Deduct* | *-3.22* | |
| | | *For >100 To 200, Deduct* | *-4.51* | |
| | | *For >200, Deduct* | *-6.38* | |
| 10 26 16 16-0004 | EA | End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn) | 21.16 | 6.43 |
| | | *For >25 To 50, Deduct* | *-3.22* | |
| | | *For >50 To 100, Deduct* | *-4.51* | |
| | | *For >100, Deduct* | *-6.21* | |
| 10 26 16 16-0005 | LF | 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C) | 34.40 | 6.43 |
| | | *For >50 To 100, Deduct* | *-3.22* | |
| | | *For >100 To 200, Deduct* | *-4.51* | |
| | | *For >200, Deduct* | *-6.87* | |
| 10 26 16 16-0006 | EA | End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn) | 27.78 | 6.43 |
| | | *For >25 To 50, Deduct* | *-3.22* | |
| | | *For >50 To 100, Deduct* | *-4.51* | |
| | | *For >100, Deduct* | *-6.54* | |
| 10 26 16 16-0007 | LF | 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN) | 36.05 | 6.43 |
| | | *For >50 To 100, Deduct* | *-3.22* | |
| | | *For >100 To 200, Deduct* | *-4.51* | |
| | | *For >200, Deduct* | *-6.95* | |
| 10 26 16 16-0008 | EA | End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn) | 39.36 | 6.43 |
| | | *For >25 To 50, Deduct* | *-3.22* | |
| | | *For >50 To 100, Deduct* | *-4.51* | |
| | | *For >100, Deduct* | *-7.12* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 26 16 16-0009 | LF | 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN) | 47.64 | 6.43 |
| | | *For >50 To 100, Deduct* | *-3.22* | |
| | | *For >100 To 200, Deduct* | *-4.51* | |
| | | *For >200, Deduct* | *-7.53* | |
| 10 26 16 16-0010 | EA | End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn) | 52.60 | 6.43 |
| | | *For >25 To 50, Deduct* | *-3.22* | |
| | | *For >50 To 100, Deduct* | *-4.51* | |
| | | *For >100, Deduct* | *-7.78* | |
| 10 26 16 16-0011 | | Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)* | | |
| 10 26 16 16-0012 | LF | 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS) | 64.19 | 6.43 |
| | | *For >50 To 100, Deduct* | *-3.22* | |
| | | *For >100 To 200, Deduct* | *-4.51* | |
| | | *For >200, Deduct* | *-8.36* | |
| 10 26 16 16-0013 | EA | End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn) | 65.84 | 6.43 |
| | | *For >25 To 50, Deduct* | *-3.22* | |
| | | *For >50 To 100, Deduct* | *-4.51* | |
| | | *For >100, Deduct* | *-8.44* | |
| 10 26 16 16-0014 | | Hardwood Protective Corridor Handrails *(10 26 16 16-0001)* | | |
| | | Note: Includes end caps. | | |
| 10 26 16 16-0015 | LF | 4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C) | 28.01 | 4.61 |
| | | *For >50 To 100, Deduct* | *-2.31* | |
| | | *For >100 To 200, Deduct* | *-3.23* | |
| | | *For >200, Deduct* | *-5.09* | |
| | | *For Maple, Add* | *0.56* | |
| 10 26 16 16-0016 | LF | 5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500) | 33.97 | 4.92 |
| | | *For >50 To 100, Deduct* | *-2.46* | |
| | | *For >100 To 200, Deduct* | *-3.44* | |
| | | *For >200, Deduct* | *-5.63* | |
| 10 26 16 16-0017 | LF | 1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500) | 23.99 | 4.61 |
| | | *For >50 To 100, Deduct* | *-2.31* | |
| | | *For >100 To 200, Deduct* | *-3.23* | |
| | | *For >200, Deduct* | *-4.89* | |
| | | *For Maple, Add* | *6.35* | |
| | | *For Oak, Add* | *7.09* | |
| **10 26 23** | | **Protective Wall Covering** *(10 26)* | | |
| **10 26 23 13** | | **Impact Resistant Wall Protection** *(10 26 23)* | | |
| 10 26 23 13-0001 | | Impact Resistant Wall Protection *(10 26 23 13)* | | |
| | | Note: Includes standard trim. | | |
| 10 26 23 13-0002 | SF | 0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30) | 7.16 | 2.15 |
| 10 26 23 13-0003 | SF | 0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40) | 7.50 | 2.15 |
| 10 26 23 13-0004 | SF | 0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60) | 9.52 | 2.15 |
| 10 26 23 13-0005 | | Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23 13)* | | |
| | | Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. | | |
| 10 26 23 13-0006 | | "L" Design *(10 26 23 13-0005)* | | |
| 10 26 23 13-0007 | | L-Shield *(10 26 23 13-0006)* | | |
| 10 26 23 13-0008 | LF | 2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe | 13.87 | 2.15 |
| 10 26 23 13-0009 | LF | 3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe | 15.81 | 3.01 |
| 10 26 23 13-0010 | LF | 3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe | 20.80 | 3.86 |
| 10 26 23 13-0011 | LF | 5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe | 28.80 | 4.72 |
| 10 26 23 13-0012 | | "Combo" Hanger *(10 26 23 13-0006)* | | |
| 10 26 23 13-0013 | EA | Combination "Combo" Hanger, L-Support, For 3/4" Pipe | 14.42 | 4.30 |
| 10 26 23 13-0014 | EA | Combination "Combo" Hanger, L-Support, For 1" Pipe | 16.60 | 5.16 |
| 10 26 23 13-0015 | EA | Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe | 19.15 | 6.01 |
| 10 26 23 13-0016 | EA | Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe | 21.21 | 6.87 |
| 10 26 23 13-0017 | EA | Combination "Combo" Hanger, L-Support, For 2" Pipe | 23.74 | 7.73 |
| 10 26 23 13-0018 | | Snap-2 Pipe Hanger *(10 26 23 13-0006)* | | |
| 10 26 23 13-0019 | EA | Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe | 11.62 | 4.30 |
| 10 26 23 13-0020 | EA | Snap-2 Pipe Hanger, L-Support, For 1" Pipe | 14.15 | 5.16 |
| 10 26 23 13-0021 | EA | Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe | 16.46 | 6.01 |
| 10 26 23 13-0022 | EA | Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe | 19.22 | 6.87 |
| 10 26 23 13-0023 | EA | Snap-2 Pipe Hanger, L-Support, For 2" Pipe | 22.11 | 7.73 |
| 10 26 23 13-0024 | | Coupling *(10 26 23 13-0006)* | | |
| 10 26 23 13-0025 | EA | Coupling, L-Shield, 1" Shield Size | 7.92 | 2.15 |
| 10 26 23 13-0026 | EA | Coupling, L-Shield, 1-1/4" Shield Size | 11.49 | 3.01 |
| 10 26 23 13-0027 | EA | Coupling, L-Shield, 2" Shield Size | 16.71 | 3.86 |
| 10 26 23 13-0028 | EA | Coupling, L-Shield, 2-1/2" Shield Size | 20.99 | 4.72 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 26 23 13-0029** | | **Coupling, Reducer** *(10 26 23 13-0006)* | | |
| 10 26 23 13-0030 | EA | Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size | 23.82 | 2.57 |
| 10 26 23 13-0031 | EA | Coupling, Reducing, L-Shield, 2" x 1" Shield Size | 29.34 | 3.01 |
| 10 26 23 13-0032 | EA | Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size | 34.87 | 3.43 |
| 10 26 23 13-0033 | EA | Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size | 140.18 | 4.30 |
| **10 26 23 13-0034** | | **Shield Clips** *(10 26 23 13-0006)* | | |
| 10 26 23 13-0035 | EA | Shield Clips, L-Support, 1" Shield Size | 4.79 | 1.29 |
| 10 26 23 13-0036 | EA | Shield Clips, L-Support, 1-1/4" Shield Size | 7.10 | 2.15 |
| 10 26 23 13-0037 | EA | Shield Clips, L-Support, 2" Shield Size | 9.28 | 3.01 |
| 10 26 23 13-0038 | EA | Shield Clips, L-Support, 2-1/2" Shield Size | 10.30 | 3.86 |
| **10 26 23 13-0039** | | **Wall Flange** *(10 26 23 13-0006)* | | |
| 10 26 23 13-0040 | EA | Wall Flange, L-Shield, 1" Shield Size | 7.68 | 2.15 |
| 10 26 23 13-0041 | EA | Wall Flange, L-Shield, 1-1/4" Shield Size | 11.03 | 3.01 |
| 10 26 23 13-0042 | EA | Wall Flange, L-Shield, 2" Shield Size | 16.25 | 3.86 |
| 10 26 23 13-0043 | EA | Wall Flange, L-Shield, 2-1/2" Shield Size | 72.04 | 4.72 |
| **10 26 23 13-0044** | | **End Cap** *(10 26 23 13-0006)* | | |
| 10 26 23 13-0045 | EA | End Cap, L-Shield, 1" Shield Size | 8.29 | 1.29 |
| 10 26 23 13-0046 | EA | End Cap, L-Shield, 1-1/4" Shield Size | 10.83 | 2.15 |
| 10 26 23 13-0047 | EA | End Cap, L-Shield, 2" Shield Size | 14.99 | 3.01 |
| 10 26 23 13-0048 | EA | End Cap, L-Shield, 2-1/2" Shield Size | 73.76 | 3.86 |
| **10 26 23 13-0049** | | **Inside/Outside Corner** *(10 26 23 13-0006)* | | |
| 10 26 23 13-0050 | EA | Inside/Outside Corner, L-Shield, 1" Shield Size | 53.27 | 4.30 |
| 10 26 23 13-0051 | EA | Inside/Outside Corner, L-Shield, 1-1/4" Shield Size | 57.20 | 5.16 |
| 10 26 23 13-0052 | EA | Inside/Outside Corner, L-Shield, 2" Shield Size | 69.00 | 6.44 |
| 10 26 23 13-0053 | EA | Inside/Outside Corner, L-Shield, 2-1/2" Shield Size | 122.20 | 7.73 |
| **10 26 23 13-0054** | | **Joiner** *(10 26 23 13-0006)* | | |
| 10 26 23 13-0055 | LF | Joiner, L-Shield | 10.85 | 1.29 |
| **10 26 23 13-0056** | | **"U" Design** *(10 26 23 13-0005)* | | |
| **10 26 23 13-0057** | | **U-Shield** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0058 | LF | 2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe | 16.90 | 2.15 |
| 10 26 23 13-0059 | LF | 2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe | 20.94 | 3.01 |
| 10 26 23 13-0060 | LF | 3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe | 26.74 | 3.01 |
| **10 26 23 13-0061** | | **"Combo" Hanger** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0062 | EA | Combination "Combo" Hanger, U-Support For 3/4" Pipe | 12.21 | 4.30 |
| 10 26 23 13-0063 | EA | Combination "Combo" Hanger, U-Support For 1" Pipe | 14.50 | 5.16 |
| 10 26 23 13-0064 | EA | Combination "Combo" Hanger, U-Support For 1-1/4" Pipe | 16.70 | 6.01 |
| 10 26 23 13-0065 | EA | Combination "Combo" Hanger, U-Support For 1-1/2" Pipe | 20.86 | 6.87 |
| 10 26 23 13-0066 | EA | Combination "Combo" Hanger, U-Support For 2" Pipe | 23.63 | 7.73 |
| **10 26 23 13-0067** | | **Snap-2 Pipe Hanger** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0068 | EA | Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe | 11.39 | 4.30 |
| 10 26 23 13-0069 | EA | Snap-2 Pipe Hanger, U-Support, For 1" Pipe | 13.92 | 5.16 |
| 10 26 23 13-0070 | EA | Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe | 17.05 | 6.01 |
| 10 26 23 13-0071 | EA | Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe | 18.99 | 6.87 |
| 10 26 23 13-0072 | EA | Snap-2 Pipe Hanger, U-Support, For 2" Pipe | 21.99 | 7.73 |
| **10 26 23 13-0073** | | **Coupling** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0074 | EA | Coupling, U-Shield, 1" Shield Size | 9.55 | 2.15 |
| 10 26 23 13-0075 | EA | Coupling, U-Shield, 1-1/4" Shield Size | 11.84 | 3.01 |
| 10 26 23 13-0076 | EA | Coupling, U-Shield, 2" Shield Size | 14.38 | 3.86 |
| **10 26 23 13-0077** | | **Coupling, Reducer** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0078 | EA | Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size | 28.49 | 2.57 |
| 10 26 23 13-0079 | EA | Reducing Coupling, U-Shield, 2" x 1" Shield Size | 34.01 | 3.01 |
| 10 26 23 13-0080 | EA | Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size | 36.03 | 3.43 |
| **10 26 23 13-0081** | | **Shield Clips** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0082 | EA | Shield Clips, U-Support, 1" Shield Size | 4.32 | 1.29 |
| 10 26 23 13-0083 | EA | Shield Clips, U-Support, 1-1/4" Shield Size | 6.28 | 2.15 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 26 23 13-0084 | EA | Shield Clips, U-Support, 2" Shield Size | 8.23 | 3.01 |
| **10 26 23 13-0085** | | **Wall Flange** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0086 | EA | Wall Flange, U-Shield, 1" Shield Size | 9.20 | 2.15 |
| 10 26 23 13-0087 | EA | Wall Flange, U-Shield, 1-1/4" Shield Size | 11.73 | 3.01 |
| 10 26 23 13-0088 | EA | Wall Flange, U-Shield, 2" Shield Size | 14.26 | 3.86 |
| **10 26 23 13-0089** | | **End Cap** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0090 | EA | End Cap, U-Shield, 1" Shield Size | 8.87 | 1.29 |
| 10 26 23 13-0091 | EA | End Cap, U-Shield, 1-1/4" Shield Size | 11.77 | 2.15 |
| 10 26 23 13-0092 | EA | End Cap, U-Shield, 2" Shield Size | 14.53 | 3.01 |
| **10 26 23 13-0093** | | **Inside/Outside Corner** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0094 | EA | Inside/Outside Corner, U-Shield, 1" Shield Size | 67.38 | 4.30 |
| 10 26 23 13-0095 | EA | Inside/Outside Corner, U-Shield, 1-1/4" Shield Size | 74.81 | 5.16 |
| 10 26 23 13-0096 | EA | Inside/Outside Corner, U-Shield, 2" Shield Size | 88.37 | 6.44 |
| **10 26 23 13-0097** | | **Elbow** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0098 | EA | Elbow, U-Shield, 1" Shield Size | 66.10 | 4.30 |
| 10 26 23 13-0099 | EA | Elbow, U-Shield, 1-1/4" Shield Size | 72.48 | 5.16 |
| 10 26 23 13-0100 | EA | Elbow, U-Shield, 2" Shield Size | 86.15 | 6.44 |
| **10 26 23 13-0101** | | **Tee** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0102 | EA | Tee, U-Shield, 1" x 1" x 1" Shield Size | 83.23 | 6.44 |
| 10 26 23 13-0103 | EA | Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size | 92.34 | 7.73 |
| 10 26 23 13-0104 | EA | Tee, U-Shield, 2" x 2" x 2" Shield Size | 107.67 | 9.44 |
| 10 26 23 13-0105 | EA | Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size | 110.26 | 7.31 |
| 10 26 23 13-0106 | EA | Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size | 118.48 | 9.02 |
| **10 26 23 13-0107** | | **Cross** *(10 26 23 13-0056)* | | |
| 10 26 23 13-0108 | EA | Cross, U-Shield, 1" Shield Size | 151.91 | 8.59 |
| 10 26 23 13-0109 | EA | Cross, U-Shield, 1-1/4" Shield Size | 169.93 | 10.30 |
| 10 26 23 13-0110 | EA | Cross, U-Shield, 2" Shield Size | 206.35 | 12.89 |
| 10 26 23 13-0111 | EA | Cross, U-Shield, 1-1/4" x 1" Shield Size | 209.28 | 9.44 |
| 10 26 23 13-0112 | EA | Cross, U-Shield, 2" x 1-1/4" Shield Size | 229.67 | 11.59 |
| **10 26 23 13-0113** | | **Transition Fittings (L to U Or U to L)** *(10 26 23 13-0005)* | | |
| **10 26 23 13-0114** | | **Coupling Transition** *(10 26 23 13-0113)* | | |
| 10 26 23 13-0115 | EA | Transition Coupling, 1" x 1", LxU or UxL | 25.53 | 2.15 |
| 10 26 23 13-0116 | EA | Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL | 28.64 | 3.01 |
| 10 26 23 13-0117 | EA | Transition Coupling, 2" x 2", LxU or UxL | 35.61 | 3.86 |
| 10 26 23 13-0118 | EA | Transition Coupling, 1" x 1-1/4", LxU or UxL | 28.84 | 2.57 |
| 10 26 23 13-0119 | EA | Transition Coupling, 1-1/4" x 2", LxU or UxL | 35.80 | 3.43 |
| 10 26 23 13-0120 | EA | Transition Coupling, 2" x 2-1/2", LxU or UxL | 146.83 | 4.30 |
| **10 26 23 13-0121** | | **Elbow Transition** *(10 26 23 13-0113)* | | |
| 10 26 23 13-0122 | EA | Transition Elbow, 1" x 1" (UxL) | 89.55 | 4.30 |
| 10 26 23 13-0123 | EA | Transition Elbow, 1-1/4" x 1-1/4" (UxL) | 96.86 | 5.16 |
| 10 26 23 13-0124 | EA | Transition Elbow, 2" x 2" (UxL) | 113.45 | 6.44 |
| 10 26 23 13-0125 | EA | Transition Elbow, 1" x 1-1/4" (UxL) | 140.09 | 4.72 |
| 10 26 23 13-0126 | EA | Transition Elbow, 1-1/4" x 1" (UxL) | 98.56 | 4.72 |
| 10 26 23 13-0127 | EA | Transition Elbow, 1-1/4" x 2" (UxL) | 147.58 | 6.01 |
| 10 26 23 13-0128 | EA | Transition Elbow, 2" x 1-1/4" (UxL) | 113.87 | 6.01 |
| 10 26 23 13-0129 | EA | Transition Elbow, 2" x 2-1/2" (UxL) | 177.52 | 6.87 |
| **10 26 23 13-0130** | | **Tee Transition** *(10 26 23 13-0113)* | | |
| 10 26 23 13-0131 | EA | Transition Tee, 1" x 1" x 1" (LxLxU) | 102.01 | 6.44 |
| 10 26 23 13-0132 | EA | Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU) | 117.88 | 7.73 |
| 10 26 23 13-0133 | EA | Transition Tee, 2" x 2" x 2" (LxLxU) | 136.95 | 9.44 |
| 10 26 23 13-0134 | EA | Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU) | 107.57 | 7.31 |
| 10 26 23 13-0135 | EA | Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU) | 170.30 | 8.16 |
| 10 26 23 13-0136 | EA | Transition Tee, 2" x 2" x 1-1/4" (LxLxU) | 119.53 | 9.02 |
| 10 26 23 13-0137 | EA | Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU) | 163.79 | 10.74 |
| **10 26 23 13-0138** | | **Fittings (L Or U)** *(10 26 23 13-0005)* | | |
| **10 26 23 13-0139** | | **Hugger Hangers For Steel Pipe** *(10 26 23 13-0138)* | | |
| 10 26 23 13-0140 | EA | Hugger Hanger, For 1/2" Steel Pipe | 9.32 | 3.43 |
| 10 26 23 13-0141 | EA | Hugger Hanger, For 3/4" Steel Pipe | 11.62 | 4.30 |
| 10 26 23 13-0142 | EA | Hugger Hanger, For 1" Steel Pipe | 13.57 | 5.16 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 26 23 13-0143 | EA | Hugger Hanger, For 1-1/4" Steel Pipe | 15.65 | 6.01 |
| 10 26 23 13-0144 | EA | Hugger Hanger, For 1-1/2" Steel Pipe | 17.59 | 6.87 |
| 10 26 23 13-0145 | EA | Hugger Hanger, For 2" Steel Pipe | 19.78 | 6.87 |
| 10 26 23 13-0146 | EA | Hugger Hanger, For 2-1/2" Steel Pipe | 21.72 | 8.59 |
| 10 26 23 13-0147 | EA | Hugger Hanger, For 3" Steel Pipe | 27.77 | 9.44 |
| 10 26 23 13-0148 | | Hugger Hangers For Copper Pipe *(10 26 23 13-0138)* | | |
| 10 26 23 13-0149 | EA | 1/2" Copper Pipe, Hugger Hanger | 9.44 | 3.43 |
| 10 26 23 13-0150 | EA | 3/4" Copper Pipe, Hugger Hanger | 11.74 | 4.30 |
| 10 26 23 13-0151 | EA | 1" Copper Pipe, Hugger Hanger | 13.68 | 5.16 |
| 10 26 23 13-0152 | EA | 1-1/4" Copper Pipe, Hugger Hanger | 15.76 | 6.01 |
| 10 26 23 13-0153 | EA | 1-1/2" Copper Pipe, Hugger Hanger | 17.71 | 6.87 |
| 10 26 23 13-0154 | EA | 2" Copper Pipe, Hugger Hanger | 20.01 | 7.73 |
| 10 26 23 13-0155 | EA | 2-1/2" Copper Pipe, Hugger Hanger | 21.95 | 8.59 |
| 10 26 23 13-0156 | EA | 3" Copper Pipe, Hugger Hanger | 28.12 | 9.44 |
| 10 26 23 13-0157 | | Shield Extension (L Or U) *(10 26 23 13-0138)* | | |
| 10 26 23 13-0158 | LF | Shield Extension | 13.30 | 1.29 |
| **10 26 41** | | **Bullet Resistant Panels** *(10 26)* | | |
| 10 26 41 00-0001 | | Laminated Bullet Resistant Fiberglass Panel *(10 26 41)* Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets. | | |
| 10 26 41 00-0002 | SF | 1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF | 18.33 | 1.22 |
| 10 26 41 00-0003 | SF | 3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF | 25.36 | 1.31 |
| 10 26 41 00-0004 | SF | 1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF | 28.73 | 1.40 |
| 10 26 41 00-0005 | SF | 5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF | 30.55 | 1.48 |
| 10 26 41 00-0006 | SF | 3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 LB/SF | 33.12 | 1.57 |
| 10 26 41 00-0007 | SF | 7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF | 35.67 | 1.65 |
| 10 26 41 00-0008 | SF | 9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF | 61.08 | 2.00 |
| 10 26 41 00-0009 | SF | 1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 LB/SF | 87.85 | 3.15 |
| 10 26 41 00-0010 | SF | 1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF | 104.65 | 3.75 |
| 10 26 41 00-0011 | SF | 1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF | 126.03 | 4.10 |
| 10 26 41 00-0012 | SF | 1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF | 143.57 | 4.36 |
| 10 28 | | Toilet, Bath, and Laundry Accessories *(10 20)* | | |
| **10 28 13** | | **Toilet Accessories** *(10 28)* | | |
| **10 28 13 13** | | **Commercial Toilet Accessories** *(10 28 13)* | | |
| 10 28 13 13-0001 | | Toilet Accessories *(10 28 13 13)* | | |
| 10 28 13 13-0002 | | Dispensers *(10 28 13 13-0001)* | | |
| 10 28 13 13-0003 | | Paper Towel Dispensers *(10 28 13 13-0002)* | | |
| 10 28 13 13-0004 | | Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)* | | |
| 10 28 13 13-0005 | EA | Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262) | 94.61 | 19.31 |
| 10 28 13 13-0006 | EA | Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620) | 101.67 | 19.31 |
| 10 28 13 13-0007 | EA | Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621) | 102.71 | 19.31 |
| 10 28 13 13-0008 | EA | Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212) | 104.74 | 19.31 |
| 10 28 13 13-0009 | EA | Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263) | 160.53 | 19.31 |
| 10 28 13 13-0010 | EA | Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359) | 172.00 | 19.31 |
| 10 28 13 13-0011 | EA | Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262) | 190.99 | 19.31 |
| 10 28 13 13-0012 | EA | Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526) | 201.90 | 8.58 |
| 10 28 13 13-0013 | EA | Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318) | 335.51 | 19.31 |
| 10 28 13 13-0014 | EA | Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860) | 399.90 | 19.31 |
| 10 28 13 13-0015 | EA | Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369) | 429.43 | 19.31 |
| 10 28 13 13-0016 | | Plastic Paper Towel Dispensers *(10 28 13 13-0003)* | | |
| 10 28 13 13-0017 | EA | Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262) | 70.53 | 19.31 |
| 10 28 13 13-0018 | EA | Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860) | 151.63 | 19.31 |
| 10 28 13 13-0019 | EA | Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860) | 150.55 | 19.31 |
| 10 28 13 13-0020 | | Aluminum Paper Towel Dispensers *(10 28 13 13-0003)* | | |
| 10 28 13 13-0021 | EA | Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253) | 77.60 | 19.31 |
| 10 28 13 13-0022 | | Toilet Tissue Dispensers *(10 28 13 13-0002)* | | |
| 10 28 13 13-0023 | | Plastic Toilet Tissue Dispensers *(10 28 13 13-0022)* | | |
| 10 28 13 13-0024 | EA | Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288) | 70.27 | 19.31 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 28 13 13-0025 | EA | Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250) | 186.50 | 19.31 |
| **10 28 13 13-0026** | | **Cast Aluminum Toilet Tissue Dispensers** *(10 28 13 13-0022)* | | |
| 10 28 13 13-0027 | EA | Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730) | 62.95 | 19.31 |
| 10 28 13 13-0028 | EA | Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273) | 63.47 | 19.31 |
| 10 28 13 13-0029 | EA | Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740) | 67.14 | 19.31 |
| 10 28 13 13-0030 | EA | Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274) | 73.94 | 19.31 |
| 10 28 13 13-0031 | EA | Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460) | 99.05 | 19.31 |
| **10 28 13 13-0032** | | **Stainless Steel Toilet Tissue Dispensers** *(10 28 13 13-0022)* | | |
| 10 28 13 13-0033 | EA | Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264) | 52.75 | 19.31 |
| 10 28 13 13-0034 | EA | Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540) | 159.57 | 19.31 |
| 10 28 13 13-0035 | EA | Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543) | 90.80 | 19.31 |
| 10 28 13 13-0036 | EA | Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663) | 86.76 | 19.31 |
| 10 28 13 13-0037 | EA | Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685) | 94.17 | 19.31 |
| 10 28 13 13-0038 | EA | Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686) | 125.52 | 21.46 |
| 10 28 13 13-0039 | EA | Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857) | 94.17 | 19.31 |
| 10 28 13 13-0040 | EA | Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867) | 125.52 | 19.31 |
| 10 28 13 13-0041 | EA | Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997) | 135.60 | 19.31 |
| 10 28 13 13-0042 | EA | Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999) | 214.68 | 19.31 |
| 10 28 13 13-0043 | EA | Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997) | 214.68 | 19.31 |
| 10 28 13 13-0044 | EA | Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890) | 86.92 | 19.31 |
| 10 28 13 13-0045 | EA | Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272) | 102.97 | 19.31 |
| 10 28 13 13-0046 | EA | Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265) | 62.42 | 19.31 |
| 10 28 13 13-0047 | EA | Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888) | 111.08 | 19.31 |
| 10 28 13 13-0048 | EA | Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888) | 157.62 | 19.31 |
| 10 28 13 13-0049 | EA | Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288) | 166.81 | 19.31 |
| 10 28 13 13-0050 | EA | Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388) | 211.52 | 19.31 |
| 10 28 13 13-0051 | EA | Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892) | 247.12 | 19.31 |
| 10 28 13 13-0052 | EA | Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386)<br>Note: Mounts centered through toilet partitions. | 304.45 | 19.31 |
| 10 28 13 13-0053 | EA | Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840) | 128.88 | 19.31 |
| **10 28 13 13-0054** | | **Soap or Sanitizer Dispensers** *(10 28 13 13-0002)* | | |
| 10 28 13 13-0055 | EA | 20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221) | 85.45 | 19.31 |
| | | *For 34 Fluid Ounce (B-822), Add* | *4.18* | |
| 10 28 13 13-0056 | EA | 20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216) | 93.30 | 19.31 |
| | | *For 34 Fluid Ounce (B-822), Add* | *4.18* | |
| 10 28 13 13-0057 | EA | 24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156) | 55.62 | 19.31 |
| 10 28 13 13-0058 | EA | 24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155) | 61.12 | 19.31 |
| 10 28 13 13-0059 | EA | 40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40) | 73.73 | 19.31 |
| 10 28 13 13-0060 | EA | 40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42) | 76.00 | 19.31 |
| 10 28 13 13-0061 | EA | 40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112) | 87.02 | 19.31 |
| 10 28 13 13-0062 | EA | 40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112) | 111.87 | 19.31 |
| 10 28 13 13-0063 | EA | 45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306) | 193.98 | 19.31 |
| 10 28 13 13-0064 | EA | 50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063) | 314.58 | 19.31 |
| 10 28 13 13-0065 | EA | 800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18)<br>Note: Includes start-up kit. | 191.71 | 19.31 |
| **10 28 13 13-0066** | | **Sanitizer Dispensers** *(10 28 13 13-0002)* | | |
| **10 28 13 13-0067** | | **Manual Sanitizer Dispensers** *(10 28 13 13-0066)* | | |
| 10 28 13 13-0068 | EA | 1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purelll 5020-01) | 63.78 | 19.31 |
| 10 28 13 13-0069 | EA | 1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purelll 4510-00) | 64.90 | 19.31 |
| 10 28 13 13-0070 | EA | 1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purelll 8824-06-UV) | 64.54 | 19.31 |
| **10 28 13 13-0071** | | **Automatic Sanitizer Dispensers** *(10 28 13 13-0066)* | | |
| 10 28 13 13-0072 | EA | 1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA) | 59.00 | 19.31 |
| 10 28 13 13-0073 | EA | 1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 6420-01 ES6) | 79.92 | 19.31 |
| 10 28 13 13-0074 | EA | 1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purelll 6520-01 CS6) | 74.70 | 19.31 |
| 10 28 13 13-0075 | EA | 1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 7720-01 ES8) | 81.10 | 19.31 |
| 10 28 13 13-0076 | EA | 1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058) | 94.95 | 19.31 |
| 10 28 13 13-0077 | EA | 2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 5240-06) | 95.61 | 19.31 |
| **10 28 13 13-0078** | | **Automatic Floor Stand Sanitizer Dispensers** *(10 28 13 13-0066)* | | |
| 10 28 13 13-0079 | EA | 1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS) | 527.85 | 6.43 |
| 10 28 13 13-0080 | EA | 1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV) | 567.92 | 6.43 |
| 10 28 13 13-0081 | EA | 1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02) | 590.31 | 6.43 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 28 13 13-0082** | | **Facial Tissue Dispensers** *(10 28 13 13-0002)* | | |
| 10 28 13 13-0083 | EA | Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397) | 99.58 | 19.31 |
| 10 28 13 13-0084 | EA | Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355) | 66.51 | 19.31 |
| **10 28 13 13-0085** | | **Sanitary Toilet Seat Cover Dispensers** *(10 28 13 13-0002)* | | |
| 10 28 13 13-0086 | EA | Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221) | 54.58 | 19.31 |
| 10 28 13 13-0087 | EA | Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221) | 75.25 | 19.31 |
| 10 28 13 13-0088 | EA | Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221) | 140.39 | 19.31 |
| 10 28 13 13-0089 | EA | Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301) | 146.11 | 19.31 |
| 10 28 13 13-0090 | EA | Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013) | 297.58 | 19.31 |
| **10 28 13 13-0091** | | **Sanitary Toilet Seat Cover/Toilet Tissue Dispensers** *(10 28 13 13-0002)* | | |
| 10 28 13 13-0092 | EA | Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479) | 482.17 | 19.31 |
| 10 28 13 13-0093 | EA | Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745) | 288.62 | 19.31 |
| **10 28 13 13-0094** | | **Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)* | | |
| 10 28 13 13-0095 | EA | Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C) | 597.16 | 19.31 |
| 10 28 13 13-0096 | EA | Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25) | 452.23 | 19.31 |
| 10 28 13 13-0097 | EA | Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706) | 605.14 | 19.31 |
| 10 28 13 13-0098 | EA | Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25) | 454.29 | 19.31 |
| 10 28 13 13-0099 | EA | Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4 ) | 398.23 | 19.31 |
| 10 28 13 13-0100 | EA | Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45) | 484.73 | 19.31 |
| **10 28 13 13-0101** | | **Toilet Compartment Combination Dispenser/Disposals** *(10 28 13 13-0002)* | | |
| 10 28 13 13-0102 | EA | Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094) | 409.29 | 42.92 |
| 10 28 13 13-0103 | EA | Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474) | 459.15 | 42.92 |
| 10 28 13 13-0104 | EA | Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745) | 377.59 | 42.92 |
| 10 28 13 13-0105 | EA | Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574) | 539.22 | 42.92 |
| 10 28 13 13-0106 | EA | Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347) | 554.64 | 42.92 |
| 10 28 13 13-0107 | EA | Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357) | 640.72 | 42.92 |
| 10 28 13 13-0108 | EA | Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579) | 599.55 | 42.92 |
| **10 28 13 13-0109** | | **Receptacles** *(10 28 13 13-0001)* | | |
| **10 28 13 13-0110** | | **Wall Mounted Waste Receptacles** *(10 28 13 13-0109)* | | |
| 10 28 13 13-0111 | EA | 1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3) | 86.99 | 19.31 |
| 10 28 13 13-0112 | EA | 6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279) | 149.80 | 19.31 |
| 10 28 13 13-0113 | EA | 12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644) | 346.93 | 42.92 |
| 10 28 13 13-0114 | EA | 12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644) | 523.78 | 42.92 |
| 10 28 13 13-0115 | EA | 20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275) | 411.03 | 42.92 |
| **10 28 13 13-0116** | | **Floor-Standing/Counter Waste Receptacles** *(10 28 13 13-0109)* | | |
| 10 28 13 13-0117 | EA | 5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532) | 104.15 | 19.31 |
| 10 28 13 13-0118 | EA | 5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529) | 152.68 | 19.31 |
| 10 28 13 13-0119 | EA | 13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260) | 302.37 | 8.58 |
| 10 28 13 13-0120 | EA | 13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250) | 459.87 | 8.58 |
| 10 28 13 13-0121 | EA | 18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300) | 430.52 | 8.58 |
| 10 28 13 13-0122 | EA | 21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280) | 413.82 | 8.58 |
| **10 28 13 13-0123** | | **Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0109)* | | |
| 10 28 13 13-0124 | EA | 2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369) | 284.15 | 42.92 |
| 10 28 13 13-0125 | EA | 2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369) | 468.05 | 42.92 |
| 10 28 13 13-0126 | EA | 2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944) | 460.73 | 42.92 |
| 10 28 13 13-0127 | EA | 12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900) | 678.00 | 42.92 |
| 10 28 13 13-0128 | EA | 12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909) | 940.32 | 42.92 |
| 10 28 13 13-0129 | EA | 12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961) | 791.93 | 42.92 |
| 10 28 13 13-0130 | EA | 12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949) | 606.21 | 42.92 |
| 10 28 13 13-0131 | EA | 12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619) | 993.37 | 42.92 |
| 10 28 13 13-0132 | EA | 16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944) | 915.36 | 47.22 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 28 13 13-0133 | EA | 18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947) | 608.75 | 47.22 |
| 10 28 13 13-0134 | | **Sanitary Napkin/Tampon Receptacles** *(10 28 13 13-0109)* | | |
| 10 28 13 13-0135 | EA | Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270) | 78.76 | 21.46 |
| 10 28 13 13-0136 | EA | Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254) | 165.05 | 21.46 |
| 10 28 13 13-0137 | EA | Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353) | 180.27 | 21.46 |
| 10 28 13 13-0138 | EA | Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303) | 431.93 | 21.46 |
| 10 28 13 13-0139 | EA | Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354) | 225.26 | 21.46 |
| 10 28 13 13-0140 | EA | Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354) | 400.81 | 21.46 |
| 10 28 13 13-0141 | | **Grab Bars** *(10 28 13 13-0001)* | | |
| 10 28 13 13-0142 | | **1-1/4" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0141)* | | |
| | | Note: Includes satin finish and concealed mounting with snap flange. | | |
| 10 28 13 13-0143 | EA | 12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12) | 80.89 | 17.16 |
| | | *For Peened Grip, Add* | *4.58* | |
| 10 28 13 13-0144 | EA | 18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18) | 93.89 | 17.16 |
| | | *For Peened Grip, Add* | *5.75* | |
| 10 28 13 13-0145 | EA | 24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24) | 95.20 | 17.16 |
| | | *For Peened Grip, Add* | *5.86* | |
| 10 28 13 13-0146 | EA | 30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30) | 95.81 | 17.16 |
| | | *For Peened Grip, Add* | *5.92* | |
| 10 28 13 13-0147 | EA | 36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36) | 95.97 | 17.16 |
| | | *For Peened Grip, Add* | *5.93* | |
| 10 28 13 13-0148 | EA | 42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42) | 99.12 | 17.16 |
| | | *For Peened Grip, Add* | *6.22* | |
| 10 28 13 13-0149 | EA | 48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48) | 104.08 | 17.16 |
| | | *For Peened Grip, Add* | *6.66* | |
| 10 28 13 13-0150 | | **1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0141)* | | |
| | | Note: Includes satin finish and concealed mounting with snap flange. | | |
| 10 28 13 13-0151 | EA | 24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616) | 160.71 | 17.16 |
| | | *For Peened Grip, Add* | *11.37* | |
| 10 28 13 13-0152 | EA | 36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837) | 164.11 | 17.16 |
| | | *For Peened Grip, Add* | *11.68* | |
| 10 28 13 13-0153 | | **1-1/2" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0141)* | | |
| | | Note: Includes satin finish and concealed mounting with snap flange. | | |
| 10 28 13 13-0154 | EA | 12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12) | 92.80 | 17.16 |
| | | *For Peened Grip, Add* | *5.65* | |
| 10 28 13 13-0155 | EA | 18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18) | 93.89 | 17.16 |
| | | *For Peened Grip, Add* | *5.75* | |
| 10 28 13 13-0156 | EA | 24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24) | 95.97 | 17.16 |
| | | *For Peened Grip, Add* | *5.93* | |
| 10 28 13 13-0157 | EA | 30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30) | 98.07 | 17.16 |
| | | *For Peened Grip, Add* | *6.12* | |
| 10 28 13 13-0158 | EA | 36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36) | 100.69 | 17.16 |
| | | *For Peened Grip, Add* | *6.36* | |
| 10 28 13 13-0159 | EA | 42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42) | 103.04 | 17.16 |
| | | *For Peened Grip, Add* | *6.57* | |
| 10 28 13 13-0160 | EA | 48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48) | 108.79 | 17.16 |
| | | *For Peened Grip, Add* | *7.09* | |
| 10 28 13 13-0161 | | **1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0141)* | | |
| | | Note: Includes satin finish and concealed mounting with snap flange. | | |
| 10 28 13 13-0162 | EA | 16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861) | 146.57 | 17.16 |
| | | *For Peened Grip, Add* | *10.10* | |
| 10 28 13 13-0163 | EA | 24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616) | 157.84 | 17.16 |
| | | *For Peened Grip, Add* | *11.12* | |
| 10 28 13 13-0164 | EA | 36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137) | 136.64 | 17.16 |
| | | *For Peened Grip, Add* | *9.21* | |
| 10 28 13 13-0165 | | **1-1/4" Diameter, Stainless Steel Swing Up Grab Bars** *(10 28 13 13-0141)* | | |
| | | Note: Includes satin finish and mounting for swing up. | | |
| 10 28 13 13-0166 | EA | 29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998) | 439.21 | 17.16 |
| | | *For Peened Grip, Add* | *36.83* | |
| 10 28 13 13-0167 | | **Shelves** *(10 28 13 13-0001)* | | |
| 10 28 13 13-0168 | EA | 5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295) | 105.85 | 19.31 |
| 10 28 13 13-0169 | EA | 5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295) | 109.00 | 19.31 |
| 10 28 13 13-0170 | EA | 5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295) | 123.38 | 19.31 |
| 10 28 13 13-0171 | EA | 5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36) | 127.00 | 19.31 |
| 10 28 13 13-0172 | EA | 6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296) | 121.30 | 19.31 |
| 10 28 13 13-0173 | EA | 6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24) | 123.01 | 19.31 |
| 10 28 13 13-0174 | EA | 8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298) | 131.49 | 19.31 |
| 10 28 13 13-0175 | EA | 8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298) | 143.78 | 19.31 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 28 13 13-0176 | EA | 8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36) | 169.77 | 19.31 |
| 10 28 13 13-0177 | EA | 5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287) | 131.75 | 19.31 |
| 10 28 13 13-0178 | EA | 4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683) | 134.37 | 19.31 |
| 10 28 13 13-0179 | EA | 12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24) | 407.62 | 19.31 |
| 10 28 13 13-0180 | EA | 12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30) | 439.87 | 19.31 |
| 10 28 13 13-0181 | EA | 12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36) | 489.62 | 19.31 |
| 10 28 13 13-0182 | EA | 12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48) | 625.01 | 19.31 |
| 10 28 13 13-0183 | EA | 12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60) | 871.65 | 19.31 |
| 10 28 13 13-0184 | EA | 4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412) | 313.45 | 19.31 |
| **10 28 13 13-0185** | | **Changing Stations** *(10 28 13 13-0001)* | | |
| 10 28 13 13-0186 | EA | Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1) | 404.76 | 25.76 |
| 10 28 13 13-0187 | EA | Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00) | 430.02 | 25.76 |
| 10 28 13 13-0188 | EA | Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00) | 351.80 | 25.76 |
| 10 28 13 13-0189 | EA | Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE) | 1,766.21 | 25.76 |
| 10 28 13 13-0190 | EA | Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM) | 2,077.82 | 25.76 |
| 10 28 13 13-0191 | EA | Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE) | 1,766.21 | 25.76 |
| 10 28 13 13-0192 | EA | Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM) | 2,077.82 | 25.76 |
| **10 28 13 13-0193** | | **Folding Shower Seats** *(10 28 13 13-0001)* | | |
| 10 28 13 13-0194 | EA | 33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181) | 503.65 | 34.34 |
| 10 28 13 13-0195 | EA | 33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518) | 668.47 | 34.34 |
| 10 28 13 13-0196 | EA | 30" Width, Wall-Mounted, Teakwood Folding Shower Seat | 1,851.44 | 34.34 |
| 10 28 13 13-0197 | EA | 33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32) | 3,246.67 | |
| **10 28 13 13-0198** | | **Soap/Dish Holders** *(10 28 13 13-0001)* | | |
| 10 28 13 13-0199 | EA | Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679) | 49.94 | 19.31 |
| 10 28 13 13-0200 | EA | Surface Mounted, Stainless Steel Soap Dish (Gamco 7680) | 51.77 | 19.31 |
| 10 28 13 13-0201 | EA | Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380) | 95.62 | 19.31 |
| 10 28 13 13-0202 | EA | Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390) | 104.77 | 19.31 |
| **10 28 13 13-0203** | | **Shower Curtains/Curtain Rods** *(10 28 13 13-0001)* | | |
| 10 28 13 13-0204 | EA | Stainless Steel Shower Curtain Hook (Bobrick B-204-1) | 2.52 | 0.86 |
| 10 28 13 13-0205 | EA | 42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2)<br>Note: Requires 7 curtain hooks. | 43.59 | 8.58 |
| 10 28 13 13-0206 | EA | 70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3)<br>Note: Requires 12 curtain hooks. | 45.82 | 8.58 |
| 10 28 13 13-0207 | EA | 36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207) | 75.50 | 19.31 |
| 10 28 13 13-0208 | EA | 48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207) | 81.27 | 19.31 |
| 10 28 13 13-0209 | EA | 60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207) | 88.33 | 19.31 |
| 10 28 13 13-0210 | EA | 72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207) | 96.96 | 19.31 |
| 10 28 13 13-0211 | EA | 36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36) | 65.57 | 19.31 |
| 10 28 13 13-0212 | EA | 48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48) | 72.37 | 19.31 |
| 10 28 13 13-0213 | EA | 60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60) | 76.29 | 19.31 |
| 10 28 13 13-0214 | EA | 72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72) | 81.27 | 19.31 |
| 10 28 13 13-0215 | EA | 36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047) | 68.45 | 19.31 |
| 10 28 13 13-0216 | EA | 48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047) | 74.20 | 19.31 |
| 10 28 13 13-0217 | EA | 60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047) | 81.00 | 19.31 |
| 10 28 13 13-0218 | EA | 72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047) | 85.71 | 19.31 |
| **10 28 13 13-0219** | | **Hand Dryers** *(10 28 13 13-0001)* | | |
| 10 28 13 13-0220 | EA | Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710) | 492.74 | 27.55 |
| 10 28 13 13-0221 | EA | Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V) | 531.18 | 27.55 |
| 10 28 13 13-0222 | EA | Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V) | 589.27 | 27.55 |
| 10 28 13 13-0223 | EA | Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230) | 837.22 | 27.55 |
| 10 28 13 13-0224 | EA | Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A) | 1,301.55 | 27.55 |
| 10 28 13 13-0225 | EA | Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A) | 1,468.82 | 27.55 |
| 10 28 13 13-0226 | EA | Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60) | 2,090.88 | 27.55 |
| 10 28 13 13-0227 | EA | Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T) | 2,177.30 | 27.55 |
| 10 28 13 13-0228 | EA | Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR) | 2,269.48 | 27.55 |
| 10 28 13 13-0229 | EA | Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR) | 1,690.78 | 27.55 |
| 10 28 13 13-0230 | EA | Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12) | 1,530.78 | 27.55 |
| 10 28 13 13-0231 | EA | Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14) | 2,573.63 | 27.55 |
| 10 28 13 13-0232 | EA | Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9)<br>Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed. | 1,130.88 | 27.55 |
| 10 28 13 13-0233 | EA | Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M)<br>Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed. | 1,194.07 | 27.55 |
| 10 28 13 13-0234 | EA | Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG)<br>Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed. | 1,230.19 | 27.55 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 28 13 13-0235 | EA | Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) | 1,266.30 | 27.55 |
| | | Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed. | | |
| 10 28 13 13-0236 | EA | Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) | 1,338.53 | 27.55 |
| | | Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed. | | |
| 10 28 13 13-0237 | EA | Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) | 914.19 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0238 | EA | Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M) | 977.39 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0239 | EA | Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG) | 1,013.50 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0240 | EA | Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C) | 1,049.62 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0241 | EA | Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS) | 1,121.85 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0242 | EA | Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7) | 914.19 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0243 | EA | Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M) | 977.39 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0244 | EA | Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG) | 1,013.50 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0245 | EA | Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C) | 1,049.62 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0246 | EA | Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS) | 1,121.85 | 27.55 |
| | | Note: Electronically adjustable sound and speed. | | |
| 10 28 13 13-0247 | EA | Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90) | 661.39 | 27.55 |
| 10 28 13 13-0248 | EA | Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M) | 724.59 | 27.55 |
| 10 28 13 13-0249 | EA | Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG) | 760.71 | 27.55 |
| 10 28 13 13-0250 | EA | Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C) | 796.82 | 27.55 |
| 10 28 13 13-0251 | EA | Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS) | 869.05 | 27.55 |
| 10 28 13 13-0252 | EA | Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H) | 661.39 | 27.55 |
| 10 28 13 13-0253 | EA | Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH) | 724.59 | 27.55 |
| 10 28 13 13-0254 | EA | Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH) | 760.71 | 27.55 |
| 10 28 13 13-0255 | EA | Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH) | 796.82 | 27.55 |
| 10 28 13 13-0256 | EA | Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH) | 869.05 | 27.55 |
| 10 28 13 13-0257 | EA | Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1) | 480.82 | 27.55 |
| 10 28 13 13-0258 | EA | Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M) | 544.02 | 27.55 |
| 10 28 13 13-0259 | EA | Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C) | 616.25 | 27.55 |

## 10 28 13 13-0260 Hand Dryers (Excel XLERATOR®) *(10 28 13 13-0001)*

Note: With or without noise reduction nozzle options.

| | | | | |
|---|---|---|---|---|
| 10 28 13 13-0261 | EA | Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W) | 938.87 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0262 | EA | Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH) | 1,321.71 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0263 | EA | Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR) | 1,101.44 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0264 | EA | Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH) | 1,376.78 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0265 | EA | Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C) | 1,184.04 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0266 | EA | Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH) | 1,459.38 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0267 | EA | Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB) | 1,184.04 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0268 | EA | Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH) | 1,459.38 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 28 13 13-0269 | EA | Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP) | 1,101.44 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0270 | EA | Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH) | 1,376.78 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0271 | EA | Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW) | 991.30 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0272 | EA | Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA)Filtration System (Excel XLERATOR® XL-BWH) | 1,266.64 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0273 | EA | Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO) | 938.87 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0274 | EA | Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-WH-ECO) | 1,321.71 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0275 | EA | Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO) | 1,101.44 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0276 | EA | Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-GRH-ECO) | 1,376.78 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0277 | EA | Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO) | 1,184.04 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0278 | EA | Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-CH-ECO) | 1,459.38 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0279 | EA | Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO) | 1,184.04 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0280 | EA | Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SBH-ECO) | 1,459.38 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0281 | EA | Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO) | 1,101.44 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0282 | EA | Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO) | 1,376.78 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0283 | EA | Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO) | 991.30 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0284 | EA | Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO) | 1,266.64 | 27.55 |
| | | *For ADA-Compliant Recess Kit, Add* | *167.32* | |
| 10 28 13 13-0285 | | Additional Accessories *(10 28 13 13-0001)* | | |
| 10 28 13 13-0286 | | Hooks *(10 28 13 13-0285)* | | |
| 10 28 13 13-0287 | EA | Stainless Steel Clothes Hook And Bumper (Bobrick B-212) | 25.80 | 8.58 |
| 10 28 13 13-0288 | EA | Single Stainless Steel Robe Hook (Bobrick B-233) | 31.55 | 8.58 |
| 10 28 13 13-0289 | EA | Single Stainless Steel Robe Hook (Bobrick B-7671) | 26.32 | 8.58 |
| 10 28 13 13-0290 | EA | Double Stainless Steel Robe Hook (Bobrick B-7672) | 28.89 | 8.58 |
| 10 28 13 13-0291 | EA | Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727) | 50.38 | 8.58 |
| 10 28 13 13-0292 | EA | Single Stainless Steel Robe Hook (Bobrick B-6717) | 45.15 | 8.58 |
| 10 28 13 13-0293 | | Clotheslines *(10 28 13 13-0285)* | | |
| 10 28 13 13-0294 | EA | Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636) | 45.09 | 17.16 |
| 10 28 13 13-0295 | | Towel Bars *(10 28 13 13-0285)* | | |
| 10 28 13 13-0296 | EA | 18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18) | 55.22 | 19.31 |
| 10 28 13 13-0297 | EA | 24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24) | 55.42 | 19.31 |
| 10 28 13 13-0298 | EA | 18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18) | 63.10 | 19.31 |
| 10 28 13 13-0299 | EA | 24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24) | 63.83 | 19.31 |
| 10 28 13 13-0300 | EA | 18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673) | 97.48 | 19.31 |
| 10 28 13 13-0301 | EA | 24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673) | 101.93 | 19.31 |
| 10 28 13 13-0302 | EA | 18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674) | 100.89 | 19.31 |
| 10 28 13 13-0303 | EA | 24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674) | 104.54 | 19.31 |
| 10 28 13 13-0304 | EA | 18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205) | 111.09 | 19.31 |
| 10 28 13 13-0305 | EA | 24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205) | 114.98 | 19.31 |
| 10 28 13 13-0306 | EA | 18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530) | 82.58 | 19.31 |
| 10 28 13 13-0307 | EA | 24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530) | 85.97 | 19.31 |
| 10 28 13 13-0308 | | Towel Bar With Shelf *(10 28 13 13-0285)* | | |
| 10 28 13 13-0309 | EA | 24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676) | 196.89 | 19.31 |
| 10 28 13 13-0310 | | Towel Pins *(10 28 13 13-0285)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 28 13 13-0311 | EA | Stainless Steel Towel Pin (Bobrick B-677) | 48.55 | 8.58 |
| **10 28 13 13-0312** | | **Mirrors** *(10 28 13 13)* | | |
| **10 28 13 13-0313** | | **Stainless Steel Channel Frame Glass Mirrors** *(10 28 13 13-0312)* | | |
| 10 28 13 13-0314 | EA | 16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24) | 95.90 | 21.46 |
| 10 28 13 13-0315 | EA | 18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824) | 110.18 | 21.46 |
| 10 28 13 13-0316 | EA | 18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830) | 115.12 | 21.46 |
| | | *For Tempered Glass (B-1658), Add* | *41.52* | |
| 10 28 13 13-0317 | EA | 18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836) | 125.26 | 21.46 |
| | | *For Tempered Glass (B-1658), Add* | *48.62* | |
| 10 28 13 13-0318 | EA | 24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430) | 138.27 | 21.46 |
| 10 28 13 13-0319 | EA | 24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436) | 143.74 | 21.46 |
| | | *For Tempered Glass (B-1658), Add* | *61.56* | |
| 10 28 13 13-0320 | EA | 24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448) | 179.64 | 21.46 |
| 10 28 13 13-0321 | EA | 24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460) | 209.04 | 21.46 |
| 10 28 13 13-0322 | EA | 36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36) | 253.98 | 21.46 |
| 10 28 13 13-0323 | EA | 48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836) | 322.22 | 21.46 |
| 10 28 13 13-0324 | EA | 60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36) | 363.68 | 21.46 |
| **10 28 13 13-0325** | | **Stainless Steel Channel Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0312)* | | |
| 10 28 13 13-0326 | EA | 18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824) | 186.40 | 21.46 |
| 10 28 13 13-0327 | EA | 18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830) | 201.75 | 21.46 |
| 10 28 13 13-0328 | EA | 18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836) | 211.90 | 21.46 |
| 10 28 13 13-0329 | EA | 24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436) | 240.52 | 21.46 |
| **10 28 13 13-0330** | | **Stainless Steel Angle Frame Glass Mirrors** *(10 28 13 13-0312)* | | |
| 10 28 13 13-0331 | EA | 18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824) | 164.78 | 21.46 |
| 10 28 13 13-0332 | EA | 18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830) | 181.72 | 21.46 |
| | | *For Tempered Glass (B-2908), Add* | *83.11* | |
| 10 28 13 13-0333 | EA | 18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836) | 187.44 | 21.46 |
| | | *For Tempered Glass (B-2908), Add* | *86.88* | |
| 10 28 13 13-0334 | EA | 24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430) | 221.27 | 21.46 |
| 10 28 13 13-0335 | EA | 24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436) | 222.57 | 21.46 |
| | | *For Tempered Glass (B-2908), Add* | *110.07* | |
| 10 28 13 13-0336 | EA | 24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448) | 300.88 | 21.46 |
| 10 28 13 13-0337 | EA | 24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460) | 355.51 | 21.46 |
| 10 28 13 13-0338 | EA | 24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472) | 406.51 | 21.46 |
| 10 28 13 13-0339 | EA | 36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36) | 267.63 | 21.46 |
| 10 28 13 13-0340 | EA | 48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36) | 328.43 | 21.46 |
| 10 28 13 13-0341 | EA | 72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36) | 508.26 | 21.46 |
| **10 28 13 13-0342** | | **Stainless Steel Angle Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0312)* | | |
| 10 28 13 13-0343 | EA | 18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24) | 170.71 | 21.46 |
| 10 28 13 13-0344 | EA | 18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830) | 346.41 | 21.46 |
| 10 28 13 13-0345 | EA | 18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836) | 363.59 | 21.46 |
| 10 28 13 13-0346 | EA | 24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436) | 406.51 | 21.46 |
| **10 28 13 13-0347** | | **Frameless Stainless Steel Mirrors** *(10 28 13 13-0312)* | | |
| 10 28 13 13-0348 | EA | 17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830) | 185.89 | 21.46 |
| 10 28 13 13-0349 | EA | 23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436) | 243.37 | 21.46 |
| **10 28 13 13-0350** | | **Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors** *(10 28 13 13-0312)* | | |
| 10 28 13 13-0351 | EA | 16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630) | 256.39 | 21.46 |
| 10 28 13 13-0352 | EA | 18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830) | 267.58 | 21.46 |
| 10 28 13 13-0353 | EA | 18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836) | 326.12 | 21.46 |
| 10 28 13 13-0354 | EA | 24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436) | 403.39 | 21.46 |
| **10 28 13 13-0355** | | **Medicine Cabinets** *(10 28 13 13)* | | |
| **10 28 13 13-0356** | | **Metal Medicine Cabinets** *(10 28 13 13-0355)* | | |
| 10 28 13 13-0357 | EA | 20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB) | 725.78 | 42.92 |
| 10 28 13 13-0358 | EA | 15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397)<br>Note: Includes three adjustable plastic shelves. | 218.10 | 42.92 |
| 10 28 13 13-0359 | EA | 14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297)<br>Note: Includes two fixed shelves with baked white enamel finish. | 225.54 | 42.92 |
| 10 28 13 13-0360 | EA | 15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398)<br>Note: Includes four adjustable stainless steel shelves. | 509.39 | 42.92 |
| 10 28 13 13-0361 | EA | 17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299)<br>Note: Includes four adjustable shelves. | 704.29 | 42.92 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 28 13 13-0362 | | Janitorial Material *(10 28 13 13)* | | |
| 10 28 13 13-0363 | EA | Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670) | 45.15 | 8.58 |
| 10 28 13 13-0364 | EA | 24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24) | 118.67 | 19.31 |
| 10 28 13 13-0365 | EA | 24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24) | 113.97 | 19.31 |
| 10 28 13 13-0366 | EA | 30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1) | 130.54 | 19.31 |
| 10 28 13 13-0367 | EA | 36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36) | 146.93 | 19.31 |
| 10 28 13 13-0368 | EA | 36" Length, Utility Hook Strip (Gamco HCS-2) | 95.57 | 19.31 |
| 10 28 13 13-0369 | EA | 36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36) | 279.30 | 19.31 |
| 10 28 13 13-0370 | EA | 34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34) | 405.67 | 19.31 |
| 10 28 13 13-0371 | | Removal And Reinstallation Of Bathroom Accessories *(10 28 13 13)* | | |
| 10 28 13 13-0372 | EA | Removal And Reinstallation Of Bathroom Accessory | 26.83 | |
| **10 28 13 19** | | **Healthcare Toilet Accessories** *(10 28 13)* | | |
| 10 28 13 19-0001 | | Healthcare Toilet Accessories *(10 28 13 19)* | | |
| 10 28 13 19-0002 | EA | Surface Mounted, Stainless Steel Bedpan/Urinal Holder (Bradley BR-9905) | 167.84 | 26.87 |
| 10 28 13 19-0003 | EA | Recessed Mounted, Stainless Steel Bedpan Storage Cabinet (Bradley BR-990) | 652.62 | 26.87 |
| 10 28 13 19-0004 | EA | Stainless Steel Foot Operated Soap Dispenser (Bradley BR-6843) | 187.66 | 71.51 |
| **10 28 13 63** | | **Detention Toilet Accessories** *(10 28 13)* | | |
| 10 28 13 63-0001 | | Ligature Resistant, Stainless Steel Grab Bar *(10 28 13 63)* | | |
| 10 28 13 63-0002 | EA | 18" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001180) | 169.77 | 17.16 |
| 10 28 13 63-0003 | EA | 24" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001240) | 177.65 | 17.16 |
| 10 28 13 63-0004 | EA | 36" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001360) | 182.90 | 17.16 |
| 10 28 13 63-0005 | EA | 42" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001420) | 203.02 | 17.16 |
| 10 28 13 63-0006 | EA | 60" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-002600) | 416.62 | 17.16 |
| **10 28 16** | | **Bath Accessories** *(10 28)* | | |
| **10 28 16 13** | | **Residential Bath Accessories** *(10 28 16)* | | |
| 10 28 16 13-0001 | | Residential Toilet Accessories *(10 28 16 13)* | | |
| 10 28 16 13-0002 | | Residential, Recessed, Chrome Plated Toilet Accessories *(10 28 16 13-0001)* | | |
| 10 28 16 13-0003 | EA | Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder | 105.72 | 19.31 |
| 10 28 16 13-0004 | EA | Recessed Mounted, Chrome Plated Soap Dish | 162.39 | 19.31 |
| 10 28 16 13-0005 | EA | Recessed Mounted, Chrome Plated Soap Dish And Bar | 173.91 | 19.31 |
| 10 28 16 13-0006 | EA | Recessed Mounted, Chrome Plated Tumbler Holder | 110.60 | 19.31 |
| 10 28 16 13-0007 | | Residential, Surface Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)* | | |
| 10 28 16 13-0008 | EA | Surface Mounted, Chrome Plated Soap Dish | 71.79 | 12.88 |
| 10 28 16 13-0009 | EA | Surface Mounted, Chrome Plated Single Clothes Hook | 84.64 | 12.88 |
| 10 28 16 13-0010 | EA | Surface Mounted, Chrome Plated Double Clothes Hook | 84.64 | 12.88 |
| 10 28 16 13-0011 | LF | 6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports | 184.81 | 12.88 |
| 10 28 16 13-0012 | LF | 6" Deep, Surface Mounted, Stainless Steel Shelf | 152.48 | 12.88 |
| 10 28 16 13-0013 | EA | 18" Length, Surface Mounted, Chrome Plated Towel Bar | 91.90 | 17.16 |
| 10 28 16 13-0014 | EA | 24" Length, Surface Mounted, Chrome Plated Towel Bar | 93.34 | 17.16 |
| 10 28 16 13-0015 | EA | Surface Mounted, Chrome Plated Towel Ring | 68.63 | 12.88 |
| 10 28 16 13-0016 | EA | Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder | 63.19 | 8.58 |
| 10 28 16 13-0017 | EA | Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder | 71.79 | 12.88 |
| 10 28 16 13-0018 | EA | Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder | 157.93 | 12.88 |
| 10 28 16 13-0019 | EA | Surface Mounted, Chrome Plated Globe Soap Dispenser | 89.08 | 12.88 |
| 10 28 16 13-0020 | EA | Surface Mounted, Chrome Plated Towel Pin | 94.90 | 8.58 |
| 10 28 16 13-0021 | EA | Surface Mounted, Chrome Plated Towel Ladder And Shelf | 307.89 | 12.88 |
| 10 28 16 13-0022 | EA | Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline | 146.17 | 12.88 |
| 10 28 16 13-0023 | EA | 24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar | 68.82 | 12.88 |
| 10 28 16 13-0024 | | Residential Toilet Accessories *(10 28 16 13-0001)* | | |
| 10 28 16 13-0025 | EA | Surface Mounted Plastic Paper Towel Dispenser | 93.39 | 19.31 |
| 10 28 16 13-0026 | EA | Surface Mounted Plastic Napkin Disposal | 81.30 | 19.31 |
| 10 28 16 13-0027 | EA | 50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent | 85.57 | |
| 10 28 16 13-0028 | EA | 50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps | 98.37 | 19.31 |
| 10 28 16 13-0029 | EA | Multi Roll (2) Plastic Toilet Tissue Dispenser | 93.43 | 19.31 |
| 10 28 16 13-0030 | EA | Single Jumbo Roll Plastic Toilet Tissue Dispenser | 114.51 | 23.61 |
| 10 28 16 13-0031 | EA | Surface Mounted Plastic Toilet Seat Cover Dispenser | 61.40 | 17.16 |
| 10 28 16 13-0032 | EA | 13 Gallon Plastic Waste Door For Countertops | 227.98 | 32.19 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 28 16 13-0033 | | Residential Medicine Cabinets, Solid Oak *(10 28 16 13-0001)* | | |
| | | Note: Surface or recessed mounted, premium quality. | | |
| 10 28 16 13-0034 | EA | 24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror | 694.51 | 42.92 |
| 10 28 16 13-0035 | EA | 24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror | 832.35 | 42.92 |
| 10 28 16 13-0036 | EA | 30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror | 742.02 | 42.92 |
| 10 28 16 13-0037 | EA | 30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror | 897.16 | 42.92 |
| 10 28 16 13-0038 | EA | 36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror | 771.99 | 42.92 |
| 10 28 16 13-0039 | EA | 36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror | 954.10 | 42.92 |
| 10 28 16 13-0040 | EA | 48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror | 813.13 | 42.92 |
| 10 28 16 13-0041 | EA | 48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror | 1,023.68 | 42.92 |

### 10 28 19 Tub and Shower Enclosures *(10 28)*

#### 10 28 19 16 Shower Doors *(10 28 19)*

| | | | | |
|---|---|---|---|---|
| 10 28 19 16-0001 | | Swinging Shower Doors *(10 28 19 16)* | | |
| 10 28 19 16-0002 | | Framed, Swinging Shower Doors *(10 28 19 16-0001)* | | |
| 10 28 19 16-0003 | EA | 24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801) | 483.75 | 58.06 |
| 10 28 19 16-0004 | EA | 27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802) | 507.84 | 29.03 |
| 10 28 19 16-0005 | EA | 29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803) | 607.74 | 29.03 |
| 10 28 19 16-0006 | EA | 33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804) | 505.27 | 29.03 |
| 10 28 19 16-0007 | EA | 35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805) | 539.39 | 29.03 |
| 10 28 19 16-0008 | | Sliding Shower Doors *(10 28 19 16)* | | |
| 10 28 19 16-0009 | | Framed, Sliding Shower Doors *(10 28 19 16-0008)* | | |
| 10 28 19 16-0010 | EA | 40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735) | 809.59 | 29.03 |
| 10 28 19 16-0011 | EA | 44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745) | 742.01 | 29.03 |
| 10 28 19 16-0012 | EA | 46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775) | 760.22 | 29.03 |
| 10 28 19 16-0013 | EA | 52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729) | 779.57 | 29.03 |
| 10 28 19 16-0014 | EA | 54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794) | 790.37 | 29.03 |
| 10 28 19 16-0015 | EA | 56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795) | 806.36 | 29.03 |

#### 10 28 19 19 Tub Doors *(10 28 19)*

| | | | | |
|---|---|---|---|---|
| 10 28 19 19-0001 | | Sliding Bathtub Doors *(10 28 19 19)* | | |
| 10 28 19 19-0002 | | Framed, Sliding Bathtub Doors *(10 28 19 19-0001)* | | |
| 10 28 19 19-0003 | EA | 52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725) | 721.70 | 29.03 |
| 10 28 19 19-0004 | EA | 54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749) | 729.48 | 29.03 |
| 10 28 19 19-0005 | EA | 56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750) | 747.09 | 29.03 |

## 10 40 Safety Specialties *(10)*

### 10 41 Emergency Access And Information Cabinets *(10 40)*

#### 10 41 13 Fire Department Plan Cabinets *(10 41)*

| | | | | |
|---|---|---|---|---|
| 10 41 13 00-0001 | | Fire Department Plan Cabinets (Knox) *(10 41 13)* | | |
| 10 41 13 00-0002 | EA | 18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300) | 1,474.33 | 27.89 |
| | | *For Tamper Switch Connected To Existing Alarm System, Add* | *40.00* | |
| | | *For Dual Locks, Add* | *60.00* | |
| | | *For Back Key Hook Panel, Add* | *58.19* | |
| | | *For Swing Key Hook Panel, Add* | *157.19* | |
| | | *For Non-Locking Weather Housing, Add* | *394.58* | |
| 10 41 13 00-0003 | EA | 18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300) | 1,564.28 | 27.89 |
| | | *For Tamper Switch Connected To Existing Alarm System, Add* | *40.00* | |
| | | *For Dual Locks, Add* | *60.00* | |
| | | *For Back Key Hook Panel, Add* | *58.19* | |
| | | *For Swing Key Hook Panel, Add* | *157.19* | |
| | | *For Second Swing Key Hook Panel, Add* | *124.19* | |
| | | *For Non-Locking Weather Housing, Add* | *394.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 41 16** | | **Emergency Key Cabinets** *(10 41)* | | |
| 10 41 16 00-0001 | | Emergency Key Cabinets (Knox) *(10 41 16)* | | |
| 10 41 16 00-0002 | EA | Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403) | 727.76 | 27.89 |
| | | *For Tamper Switch Connected To Existing Alarm System, Add* | *40.00* | |
| 10 41 16 00-0003 | EA | 5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200) | 637.81 | 27.89 |
| | | *For Lift-Off Door, Deduct* | *-40.00* | |
| | | *For Aluminum Or Dark Bronze Finish, Add* | *10.00* | |
| | | *For Tamper Switch Connected To Existing Alarm System, Add* | *40.00* | |
| | | *For Recess Mount, Add* | *55.96* | |
| | | *For Cast-In-Place Concrete Recess Mounting, Add* | *119.00* | |
| 10 41 16 00-0004 | EA | 6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100) | 858.18 | 27.89 |
| | | *For Aluminum Or Dark Bronze Finish, Add* | *10.00* | |
| | | *For Tamper Switch Connected To Existing Alarm System, Add* | *40.00* | |
| | | *For Recess Mount, Add* | *55.96* | |
| | | *For Dual Locks, Add* | *60.00* | |
| | | *For Cast-In-Place Concrete Recess Mounting, Add* | *130.00* | |
| 10 41 16 00-0005 | EA | 7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400) | 914.40 | 27.89 |
| | | *For Aluminum Or Dark Bronze Finish, Add* | *10.00* | |
| | | *For Tamper Switch Connected To Existing Alarm System, Add* | *40.00* | |
| | | *For Recess Mount, Add* | *55.96* | |
| | | *For Dual Locks, Add* | *60.00* | |
| | | *For Cast-In-Place Concrete Recess Mounting, Add* | *135.00* | |
| 10 44 | | Fire Protection Specialties *(10 40)* | | |
| **10 44 13** | | **Fire Protection Cabinets** *(10 44)* | | |
| 10 44 13 00-0001 | | Fire Extinguisher Cabinets *(10 44 13)* | | |
| 10 44 13 00-0002 | | Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)* | | |
| 10 44 13 00-0003 | | Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)* | | |
| | | Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0004 | EA | 9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet | 314.49 | 35.20 |
| 10 44 13 00-0005 | EA | 10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet | 321.04 | 35.20 |
| 10 44 13 00-0006 | EA | 10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet | 322.34 | 35.20 |
| 10 44 13 00-0007 | EA | 12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet | 362.90 | 35.20 |
| 10 44 13 00-0008 | EA | 16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet | 468.87 | 35.20 |
| 10 44 13 00-0009 | EA | 20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet | 483.27 | 35.20 |
| 10 44 13 00-0010 | | Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)* | | |
| | | Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0011 | EA | 9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet | 309.66 | 35.20 |
| 10 44 13 00-0012 | EA | 10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet | 315.29 | 35.20 |
| 10 44 13 00-0013 | EA | 10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet | 324.69 | 35.20 |
| 10 44 13 00-0014 | EA | 12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet | 340.65 | 35.20 |
| 10 44 13 00-0015 | EA | 16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet | 390.11 | 35.20 |
| 10 44 13 00-0016 | EA | 20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet | 405.14 | 35.20 |
| 10 44 13 00-0017 | | Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)* | | |
| | | Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0018 | EA | 9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet | 424.75 | 35.20 |
| 10 44 13 00-0019 | EA | 10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet | 436.09 | 35.20 |
| 10 44 13 00-0020 | EA | 10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet | 441.76 | 35.20 |
| 10 44 13 00-0021 | EA | 12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet | 480.51 | 35.20 |
| 10 44 13 00-0022 | EA | 16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet | 558.62 | 35.20 |
| 10 44 13 00-0023 | EA | 20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet | 582.24 | 35.20 |
| 10 44 13 00-0024 | | Bronze Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)* | | |
| | | Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0025 | EA | 10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet | 881.58 | 35.20 |
| 10 44 13 00-0026 | EA | 10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet | 887.76 | 35.20 |
| 10 44 13 00-0027 | EA | 12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet | 1,013.83 | 35.20 |
| 10 44 13 00-0028 | | Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)* | | |
| | | Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0029 | EA | 10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door | 399.53 | 35.20 |
| 10 44 13 00-0030 | EA | 14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door | 449.25 | 35.20 |
| 10 44 13 00-0031 | | Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)* | | |
| 10 44 13 00-0032 | | Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)* | | |
| | | Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0033 | EA | 9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet | 349.82 | 35.20 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 44 13 00-0034 | EA | 10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet | 362.90 | 35.20 |
| 10 44 13 00-0035 | EA | 10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet | 364.21 | 35.20 |
| 10 44 13 00-0036 | EA | 12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet | 408.69 | 35.20 |
| 10 44 13 00-0037 | EA | 16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet | 497.66 | 35.20 |
| 10 44 13 00-0038 | EA | 20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet | 512.05 | 35.20 |
| 10 44 13 00-0039 | | Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)* | | |
| | | Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0040 | EA | 9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet | 351.60 | 35.20 |
| 10 44 13 00-0041 | EA | 10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet | 365.69 | 35.20 |
| 10 44 13 00-0042 | EA | 10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet | 374.14 | 35.20 |
| 10 44 13 00-0043 | EA | 12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet | 390.11 | 35.20 |
| 10 44 13 00-0044 | EA | 16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet | 445.53 | 35.20 |
| 10 44 13 00-0045 | EA | 20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet | 458.68 | 35.20 |
| 10 44 13 00-0046 | | Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)* | | |
| | | Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0047 | EA | 9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet | 474.51 | 35.20 |
| 10 44 13 00-0048 | EA | 10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet | 487.74 | 35.20 |
| 10 44 13 00-0049 | EA | 10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet | 493.41 | 35.20 |
| 10 44 13 00-0050 | EA | 12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet | 522.71 | 35.20 |
| 10 44 13 00-0051 | EA | 16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet | 595.47 | 35.20 |
| 10 44 13 00-0052 | EA | 20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet | 611.54 | 35.20 |
| 10 44 13 00-0053 | | Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)* | | |
| | | Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0054 | EA | 10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet | 1,101.67 | 35.20 |
| 10 44 13 00-0055 | EA | 10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet | 1,106.85 | 35.20 |
| 10 44 13 00-0056 | EA | 12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet | 1,263.44 | 35.20 |
| 10 44 13 00-0057 | | Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)* | | |
| | | Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0058 | EA | 10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door | 446.63 | 35.20 |
| 10 44 13 00-0059 | EA | 14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door | 493.73 | 35.20 |
| 10 44 13 00-0060 | | Surface Mounted Fire Extinguisher Cabinets *(10 44 13 00-0001)* | | |
| 10 44 13 00-0061 | | Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)* | | |
| | | Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0062 | EA | 12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet | 339.35 | 35.20 |
| 10 44 13 00-0063 | EA | 13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet | 347.20 | 35.20 |
| 10 44 13 00-0064 | EA | 15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet | 410.00 | 35.20 |
| 10 44 13 00-0065 | EA | 19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet | 487.19 | 35.20 |
| 10 44 13 00-0066 | EA | 23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet | 508.12 | 35.20 |
| 10 44 13 00-0067 | | Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)* | | |
| | | Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0068 | EA | 12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet | 440.83 | 35.20 |
| 10 44 13 00-0069 | EA | 13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet | 453.04 | 35.20 |
| 10 44 13 00-0070 | EA | 15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet | 480.28 | 35.20 |
| 10 44 13 00-0071 | EA | 19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet | 533.82 | 35.20 |
| 10 44 13 00-0072 | EA | 23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet | 556.36 | 35.20 |
| 10 44 13 00-0073 | | Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)* | | |
| | | Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0074 | EA | 12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet | 556.73 | 35.20 |
| 10 44 13 00-0075 | EA | 13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet | 574.68 | 35.20 |
| 10 44 13 00-0076 | EA | 15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet | 619.10 | 35.20 |
| 10 44 13 00-0077 | EA | 19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet | 705.09 | 35.20 |
| 10 44 13 00-0078 | EA | 23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet | 731.55 | 35.20 |
| 10 44 13 00-0079 | | Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)* | | |
| | | Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub. | | |
| 10 44 13 00-0080 | EA | 13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet | 1,258.55 | 35.20 |
| 10 44 13 00-0081 | EA | 15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet | 1,413.94 | 35.20 |
| 10 44 13 00-0082 | | Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)* | | |
| | | Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 44 13 00-0083 | EA | 13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door | 417.85 | 35.20 |
| 10 44 13 00-0084 | EA | 17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door | 475.42 | 35.20 |
| 10 44 13 00-0085 | EA | 31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door | 676.90 | 35.20 |

## 10 44 13 00-0086 Fire Extinguisher Cabinet Accessories *(10 44 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0087 | EA | Standard Break Glass Cylinder Lock Mechanism | 31.51 | 10.73 |
| 10 44 13 00-0088 | EA | Breaker Bar And Chain For Break Glass Cabinets | 27.99 | 10.73 |
| 10 44 13 00-0089 | EA | Replacement Of Standard Pull Handle | 25.85 | |
| 10 44 13 00-0090 | EA | Fire Extinguisher Cabinet Battery Operated Alarm | 88.12 | 21.46 |
| 10 44 13 00-0091 | EA | Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets | 201.27 | |
| 10 44 13 00-0092 | EA | Fire Rated Option For 12" x 27" x 7-3/4" Cabinets | 221.40 | |
| 10 44 13 00-0093 | EA | Fire Rated Option For 16" x 32" x 7-3/4" Cabinets | 301.90 | |
| 10 44 13 00-0094 | EA | Fire Rated Option For 20" x 27" x 7-3/4" Cabinets | 412.60 | |
| 10 44 13 00-0095 | EA | Fire Rated Option For 9" x 18" x 5-1/2" Cabinets | 483.05 | |
| 10 44 13 00-0096 | EA | Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets | 116.74 | |
| 10 44 13 00-0097 | EA | Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets | 120.76 | |
| 10 44 13 00-0098 | EA | Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets | 161.02 | |
| 10 44 13 00-0099 | EA | Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets | 291.84 | |
| 10 44 13 00-0100 | EA | Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets | 295.87 | |
| 10 44 13 00-0101 | EA | Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets | 109.79 | |
| 10 44 13 00-0102 | EA | Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets | 115.28 | |
| 10 44 13 00-0103 | EA | Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets | 155.53 | |
| 10 44 13 00-0104 | EA | Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets | 274.47 | |
| 10 44 13 00-0105 | EA | Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets | 278.13 | |

## 10 44 13 00-0106 Fire Hose Cabinets *(10 44 13)*

Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.

## 10 44 13 00-0107 Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

## 10 44 13 00-0108 Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0109 | EA | 34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet | 584.82 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0110 | EA | 34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet | 594.17 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0111 | EA | 38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet | 601.98 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0112 | EA | 38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet | 609.78 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0113 | EA | 30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet | 619.13 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0114 | EA | 38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet | 644.07 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0115 | EA | 23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet | 651.87 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |

## 10 44 13 00-0116 Aluminum Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0117 | EA | 34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet | 635.20 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0118 | EA | 30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet | 650.61 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0119 | EA | 34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet | 652.61 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0120 | EA | 38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet | 659.02 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0121 | EA | 38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet | 667.43 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0122 | EA | 38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet | 691.25 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0123 | EA | 23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet | 715.07 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |

## 10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0125 | EA | 23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet | 768.93 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0126 | EA | 34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet | 841.02 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0127 | EA | 34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet | 847.95 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 44 13 00-0128 | EA | 38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet | 870.13 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0129 | EA | 38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet | 877.06 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0130 | EA | 30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet | 913.11 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0131 | EA | 38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet | 949.15 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |

### 10 44 13 00-0132 Semi Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

### 10 44 13 00-0133 Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0134 | EA | 34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet | 609.78 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0135 | EA | 34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet | 619.13 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0136 | EA | 38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet | 626.92 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0137 | EA | 38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet | 636.27 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0138 | EA | 30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet | 644.07 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0139 | EA | 38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet | 669.01 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0140 | EA | 23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet | 678.37 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |

### 10 44 13 00-0141 Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0142 | EA | 34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet | 650.61 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0143 | EA | 34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet | 667.43 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0144 | EA | 30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet | 669.83 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0145 | EA | 38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet | 674.43 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0146 | EA | 38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet | 682.84 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0147 | EA | 38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet | 706.66 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0148 | EA | 23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet | 730.49 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |

### 10 44 13 00-0149 Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0150 | EA | 23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet | 811.91 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0151 | EA | 34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet | 890.93 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0152 | EA | 34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet | 897.86 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0153 | EA | 38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet | 920.04 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0154 | EA | 38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet | 926.97 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0155 | EA | 30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet | 963.01 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0156 | EA | 38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet | 999.06 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |

### 10 44 13 00-0157 Surface Mount Fire Hose Cabinets *(10 44 13 00-0106)*

### 10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0159 | EA | 37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet | 619.13 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0160 | EA | 37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet | 626.92 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0161 | EA | 41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet | 636.27 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0162 | EA | 41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet | 644.07 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0163 | EA | 33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet | 651.87 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |
| 10 44 13 00-0164 | EA | 41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet | 678.37 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 44 13 00-0165 | EA | 26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet | 686.17 | 153.65 |
| | | *For Solid Steel Door, Deduct* | *-8.60* | |

### 10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0167 | EA | 37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet | 691.25 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0168 | EA | 33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet | 706.66 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0169 | EA | 37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet | 710.67 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0170 | EA | 41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet | 715.07 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0171 | EA | 41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet | 722.08 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0172 | EA | 41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet | 747.30 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |
| 10 44 13 00-0173 | EA | 26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet | 762.72 | 153.65 |
| | | *For Solid Aluminum Door, Add* | *6.50* | |

### 10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

| | | | | |
|---|---|---|---|---|
| 10 44 13 00-0175 | EA | 26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet | 870.13 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0176 | EA | 37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet | 1,100.25 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0177 | EA | 41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet | 1,158.48 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0178 | EA | 37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet | 1,172.34 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0179 | EA | 41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet | 1,186.20 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0180 | EA | 33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet | 1,244.43 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |
| 10 44 13 00-0181 | EA | 41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet | 1,316.51 | 153.65 |
| | | *For Solid Stainless Steel Door, Deduct* | *-7.70* | |

## 10 44 16 Fire Extinguishers *(10 44)*

### 10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

### 10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

| | | | | |
|---|---|---|---|---|
| 10 44 16 13-0002 | EA | 2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher | 130.99 | 11.16 |
| | | *For >5 To 10, Deduct* | *-3.69* | |
| | | *For >10, Deduct* | *-7.38* | |
| | | *For Placement In Cabinet, Deduct* | *-28.62* | |
| 10 44 16 13-0003 | EA | 5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher | 187.95 | 12.88 |
| | | *For >5 To 10, Deduct* | *-6.10* | |
| | | *For >10, Deduct* | *-12.19* | |
| | | *For Placement In Cabinet, Deduct* | *-33.02* | |
| 10 44 16 13-0004 | EA | 10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher | 244.45 | 16.31 |
| | | *For >5 To 10, Deduct* | *-7.93* | |
| | | *For >10, Deduct* | *-15.86* | |
| | | *For Placement In Cabinet, Deduct* | *-42.92* | |
| 10 44 16 13-0005 | EA | 15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher | 301.29 | 20.60 |
| | | *For >5 To 10, Deduct* | *-9.70* | |
| | | *For >10, Deduct* | *-19.40* | |
| | | *For Placement In Cabinet, Deduct* | *-53.65* | |
| 10 44 16 13-0006 | EA | 20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher | 332.99 | 20.60 |
| | | *For >5 To 10, Deduct* | *-11.28* | |
| | | *For >10, Deduct* | *-22.57* | |
| | | *For Placement In Cabinet, Deduct* | *-53.65* | |
| 10 44 16 13-0007 | EA | 50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher | 1,036.10 | 32.62 |
| | | *For >5 To 10, Deduct* | *-43.22* | |
| | | *For >10, Deduct* | *-86.44* | |
| 10 44 16 13-0008 | EA | 100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher | 1,999.58 | 32.62 |
| | | *For >5 To 10, Deduct* | *-91.40* | |
| | | *For >10, Deduct* | *-182.79* | |

### 10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*

| | | | | |
|---|---|---|---|---|
| 10 44 16 13-0010 | EA | 2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher | 85.36 | 11.16 |
| | | *For >5 To 10, Deduct* | *-1.41* | |
| | | *For >10, Deduct* | *-2.81* | |
| | | *For Placement In Cabinet, Deduct* | *-28.62* | |
| 10 44 16 13-0011 | EA | 5 LB Dry Chemical, Type ABC Portable Fire Extinguisher | 105.93 | 12.88 |
| | | *For >5 To 10, Deduct* | *-1.99* | |
| | | *For >10, Deduct* | *-3.99* | |
| | | *For Placement In Cabinet, Deduct* | *-33.02* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 44 16 13-0012 | EA | 10 LB Dry Chemical, Type ABC Portable Fire Extinguisher | 149.34 | 16.31 |
| | | *For >5 To 10, Deduct* | *-3.18* | |
| | | *For >10, Deduct* | *-6.35* | |
| | | *For Placement In Cabinet, Deduct* | *-42.92* | |
| 10 44 16 13-0013 | EA | 20 LB Dry Chemical, Type ABC Portable Fire Extinguisher | 207.24 | 20.60 |
| | | *For >5 To 10, Deduct* | *-5.00* | |
| | | *For >10, Deduct* | *-9.99* | |
| | | *For Placement In Cabinet, Deduct* | *-53.65* | |
| 10 44 16 13-0014 | EA | 50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher | 1,235.40 | 32.62 |
| | | *For >5 To 10, Deduct* | *-53.19* | |
| | | *For >10, Deduct* | *-106.37* | |
| 10 44 16 13-0015 | EA | 125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher | 1,817.97 | 32.62 |
| | | *For >5 To 10, Deduct* | *-82.31* | |
| | | *For >10, Deduct* | *-164.63* | |

### 10 44 16 13-0016 Other Portable Fire Extinguishers *(10 44 16 13)*

| | | | | |
|---|---|---|---|---|
| 10 44 16 13-0017 | EA | 2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher<br>Note: Stainless steel. | 147.85 | 12.88 |
| | | *For >5 To 10, Deduct* | *-4.09* | |
| | | *For >10, Deduct* | *-8.18* | |
| | | *For Placement In Cabinet, Deduct* | *-33.02* | |
| 10 44 16 13-0018 | EA | 1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher<br>Note: Stainless steel. | 225.38 | 20.60 |
| | | *For >5 To 10, Deduct* | *-5.90* | |
| | | *For >10, Deduct* | *-11.81* | |
| | | *For Placement In Cabinet, Deduct* | *-53.65* | |
| 10 44 16 13-0019 | EA | 2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher<br>Note: Stainless steel. | 238.24 | 20.60 |
| | | *For >5 To 10, Deduct* | *-6.55* | |
| | | *For >10, Deduct* | *-13.09* | |
| | | *For Placement In Cabinet, Deduct* | *-53.65* | |
| 10 44 16 13-0020 | EA | 30 LB Dry Powder, Class D Portable Fire Extinguisher<br>Note: Yellow steel. | 327.10 | 20.60 |
| | | *For >5 To 10, Deduct* | *-10.99* | |
| | | *For >10, Deduct* | *-21.98* | |

### 10 44 16 13-0021 Fire Extinguisher Backboards *(10 44 16 13)*

### 10 44 16 13-0022 Fire Extinguisher Backboards *(10 44 16 13-0021)*

Note: Mounted to any wall. Includes anchors.

| | | | | |
|---|---|---|---|---|
| 10 44 16 13-0023 | EA | Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard | 126.39 | 14.83 |
| 10 44 16 13-0024 | EA | Relocate Fire Extinguisher Wood Backboard, Any Size<br>Note: Includes storage and cleaning. | 130.90 | |

### 10 44 16 13-0025 Inspections And Testing *(10 44 16 13)*

| | | | | |
|---|---|---|---|---|
| 10 44 16 13-0026 | EA | On Site Fire Extinguisher Annual Inspection (Tag) | 5.90 | |
| 10 44 16 13-0027 | EA | On Site Fire Extinguisher Hydrotest | 8.67 | |

## 10 44 19 Fire Blankets *(10 44)*

| | | | | |
|---|---|---|---|---|
| 10 44 19 00-0001 | EA | Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB)<br>Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket. | 429.67 | 35.20 |
| 10 44 19 00-0002 | EA | Drop Type Fire Blanket Cabinet (JL Industries 2FB)<br>Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket. | 305.38 | 35.20 |

# 10 50 Storage Specialties *(10)*

## 10 51 Lockers *(10 50)*

## 10 51 13 Metal Lockers *(10 51)*

### 10 51 13 00-0001 Institutional And Corridor Lockers *(10 51 13)*

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

### 10 51 13 00-0002 Single Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes one hat shelf, three single hooks and one double hook.

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0003 | EA | 12" x 12" x 60" Single Tier Institutional Or Corridor Locker | 265.25 | 26.61 |
| | | *For >25 To 50, Deduct* | *-10.60* | |
| | | *For >50 To 100, Deduct* | *-22.00* | |
| | | *For >100, Deduct* | *-33.40* | |
| | | *For 14 Gauge Doors, Add* | *16.96* | |
| 10 51 13 00-0004 | EA | 12" x 15" x 60" Single Tier Institutional Or Corridor Locker | 276.48 | 26.61 |
| | | *For >25 To 50, Deduct* | *-11.16* | |
| | | *For >50 To 100, Deduct* | *-23.12* | |
| | | *For >100, Deduct* | *-35.08* | |
| | | *For 14 Gauge Doors, Add* | *17.86* | |
| 10 51 13 00-0005 | EA | 12" x 18" x 60" Single Tier Institutional Or Corridor Locker | 291.84 | 26.61 |
| | | *For >25 To 50, Deduct* | *-11.93* | |
| | | *For >50 To 100, Deduct* | *-24.66* | |
| | | *For >100, Deduct* | *-37.39* | |
| | | *For 14 Gauge Doors, Add* | *19.09* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 13 00-0006 | EA | 12" x 12" x 72" Single Tier Institutional Or Corridor Locker | 290.27 | 27.47 |
| | | *For >25 To 50, Deduct* | *-11.77* | |
| | | *For >50 To 100, Deduct* | *-24.36* | |
| | | *For >100, Deduct* | *-36.95* | |
| | | *For 14 Gauge Doors, Add* | *18.83* | |
| 10 51 13 00-0007 | EA | 12" x 15" x 72" Single Tier Institutional Or Corridor Locker | 299.58 | 27.47 |
| | | *For >25 To 50, Deduct* | *-12.23* | |
| | | *For >50 To 100, Deduct* | *-25.29* | |
| | | *For >100, Deduct* | *-38.34* | |
| | | *For 14 Gauge Doors, Add* | *19.57* | |
| 10 51 13 00-0008 | EA | 12" x 18" x 72" Single Tier Institutional Or Corridor Locker | 308.66 | 27.47 |
| | | *For >25 To 50, Deduct* | *-12.69* | |
| | | *For >50 To 100, Deduct* | *-26.20* | |
| | | *For >100, Deduct* | *-39.71* | |
| | | *For 14 Gauge Doors, Add* | *20.30* | |
| 10 51 13 00-0009 | EA | 15" x 15" x 72" Single Tier Institutional Or Corridor Locker | 324.34 | 27.47 |
| | | *For >25 To 50, Deduct* | *-13.47* | |
| | | *For >50 To 100, Deduct* | *-27.76* | |
| | | *For >100, Deduct* | *-42.06* | |
| | | *For 14 Gauge Doors, Add* | *21.55* | |
| 10 51 13 00-0010 | EA | 15" x 18" x 72" Single Tier Institutional Or Corridor Locker | 339.85 | 27.47 |
| | | *For >25 To 50, Deduct* | *-14.25* | |
| | | *For >50 To 100, Deduct* | *-29.32* | |
| | | *For >100, Deduct* | *-44.38* | |
| | | *For 14 Gauge Doors, Add* | *22.79* | |
| 10 51 13 00-0011 | EA | 18" x 18" x 72" Single Tier Institutional Or Corridor Locker | 356.28 | 27.47 |
| | | *For >25 To 50, Deduct* | *-15.07* | |
| | | *For >50 To 100, Deduct* | *-30.96* | |
| | | *For >100, Deduct* | *-46.85* | |
| | | *For 14 Gauge Doors, Add* | *24.11* | |
| 10 51 13 00-0012 | EA | 18" x 21" x 72" Single Tier Institutional Or Corridor Locker | 371.45 | 27.47 |
| | | *For >25 To 50, Deduct* | *-15.83* | |
| | | *For >50 To 100, Deduct* | *-32.48* | |
| | | *For >100, Deduct* | *-49.12* | |
| | | *For 14 Gauge Doors, Add* | *25.32* | |
| 10 51 13 00-0013 | EA | 24" x 24" x 72" Single Tier Institutional Or Corridor Locker | 510.06 | 27.47 |
| | | *For >25 To 50, Deduct* | *-22.76* | |
| | | *For >50 To 100, Deduct* | *-46.34* | |
| | | *For >100, Deduct* | *-69.92* | |
| | | *For 14 Gauge Doors, Add* | *36.41* | |

10 51 13 00-0014 Two Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*
Note: Includes three single hooks and one double hook per tier.

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0015 | EA | 12" x 12" x 60" Two Tier Institutional Or Corridor Locker | 316.49 | 27.47 |
| | | *For >25 To 50, Deduct* | *-13.08* | |
| | | *For >50 To 100, Deduct* | *-26.98* | |
| | | *For >100, Deduct* | *-40.88* | |
| | | *For 14 Gauge Doors, Add* | *28.77* | |
| 10 51 13 00-0016 | EA | 12" x 15" x 60" Two Tier Institutional Or Corridor Locker | 323.57 | 27.47 |
| | | *For >25 To 50, Deduct* | *-13.43* | |
| | | *For >50 To 100, Deduct* | *-27.69* | |
| | | *For >100, Deduct* | *-41.94* | |
| | | *For 14 Gauge Doors, Add* | *29.55* | |
| 10 51 13 00-0017 | EA | 12" x 18" x 60" Two Tier Institutional Or Corridor Locker | 330.70 | 27.47 |
| | | *For >25 To 50, Deduct* | *-13.79* | |
| | | *For >50 To 100, Deduct* | *-28.40* | |
| | | *For >100, Deduct* | *-43.01* | |
| | | *For 14 Gauge Doors, Add* | *30.33* | |
| 10 51 13 00-0018 | EA | 12" x 12" x 72" Two Tier Institutional Or Corridor Locker | 331.20 | 28.33 |
| | | *For >25 To 50, Deduct* | *-13.73* | |
| | | *For >50 To 100, Deduct* | *-28.30* | |
| | | *For >100, Deduct* | *-42.88* | |
| | | *For 14 Gauge Doors, Add* | *30.20* | |
| 10 51 13 00-0019 | EA | 12" x 15" x 72" Two Tier Institutional Or Corridor Locker | 346.68 | 28.33 |
| | | *For >25 To 50, Deduct* | *-14.50* | |
| | | *For >50 To 100, Deduct* | *-29.85* | |
| | | *For >100, Deduct* | *-45.20* | |
| | | *For 14 Gauge Doors, Add* | *31.90* | |
| 10 51 13 00-0020 | EA | 12" x 18" x 72" Two Tier Institutional Or Corridor Locker | 356.02 | 28.33 |
| | | *For >25 To 50, Deduct* | *-14.97* | |
| | | *For >50 To 100, Deduct* | *-30.79* | |
| | | *For >100, Deduct* | *-46.60* | |
| | | *For 14 Gauge Doors, Add* | *32.93* | |
| 10 51 13 00-0021 | EA | 15" x 15" x 72" Two Tier Institutional Or Corridor Locker | 369.40 | 28.33 |
| | | *For >25 To 50, Deduct* | *-15.64* | |
| | | *For >50 To 100, Deduct* | *-32.12* | |
| | | *For >100, Deduct* | *-48.61* | |
| | | *For 14 Gauge Doors, Add* | *34.40* | |
| 10 51 13 00-0022 | EA | 15" x 18" x 72" Two Tier Institutional Or Corridor Locker | 382.85 | 28.33 |
| | | *For >25 To 50, Deduct* | *-16.31* | |
| | | *For >50 To 100, Deduct* | *-33.47* | |
| | | *For >100, Deduct* | *-50.63* | |
| | | *For 14 Gauge Doors, Add* | *35.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 13 00-0023 | EA | 18" x 18" x 72" Two Tier Institutional Or Corridor Locker | 443.68 | 28.33 |
| | | *For >25 To 50, Deduct* | *-19.35* | |
| | | *For >50 To 100, Deduct* | *-39.55* | |
| | | *For >100, Deduct* | *-59.75* | |
| | | *For 14 Gauge Doors, Add* | *42.57* | |
| 10 51 13 00-0024 | EA | 18" x 21" x 72" Two Tier Institutional Or Corridor Locker | 454.73 | 28.33 |
| | | *For >25 To 50, Deduct* | *-19.90* | |
| | | *For >50 To 100, Deduct* | *-40.66* | |
| | | *For >100, Deduct* | *-61.41* | |
| | | *For 14 Gauge Doors, Add* | *43.79* | |
| 10 51 13 00-0025 | | **Three Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)* | | |
| | | Note: Includes one double hook per tier. | | |
| 10 51 13 00-0026 | EA | 12" x 12" x 72" Three Tier Institutional Or Corridor Locker | 373.99 | 29.19 |
| | | *For >25 To 50, Deduct* | *-15.78* | |
| | | *For >50 To 100, Deduct* | *-32.44* | |
| | | *For >100, Deduct* | *-49.09* | |
| | | *For 14 Gauge Doors, Add* | *47.34* | |
| 10 51 13 00-0027 | EA | 12" x 15" x 72" Three Tier Institutional Or Corridor Locker | 381.26 | 29.19 |
| | | *For >25 To 50, Deduct* | *-16.14* | |
| | | *For >50 To 100, Deduct* | *-33.16* | |
| | | *For >100, Deduct* | *-50.18* | |
| | | *For 14 Gauge Doors, Add* | *48.43* | |
| 10 51 13 00-0028 | EA | 12" x 18" x 72" Three Tier Institutional Or Corridor Locker | 407.08 | 29.19 |
| | | *For >25 To 50, Deduct* | *-17.44* | |
| | | *For >50 To 100, Deduct* | *-35.75* | |
| | | *For >100, Deduct* | *-54.06* | |
| | | *For 14 Gauge Doors, Add* | *52.31* | |
| 10 51 13 00-0029 | EA | 15" x 15" x 72" Three Tier Institutional Or Corridor Locker | 431.82 | 29.19 |
| | | *For >25 To 50, Deduct* | *-18.67* | |
| | | *For >50 To 100, Deduct* | *-38.22* | |
| | | *For >100, Deduct* | *-57.77* | |
| | | *For 14 Gauge Doors, Add* | *56.02* | |
| 10 51 13 00-0030 | EA | 15" x 18" x 72" Three Tier Institutional Or Corridor Locker | 451.51 | 29.19 |
| | | *For >25 To 50, Deduct* | *-19.66* | |
| | | *For >50 To 100, Deduct* | *-40.19* | |
| | | *For >100, Deduct* | *-60.72* | |
| | | *For 14 Gauge Doors, Add* | *58.97* | |
| 10 51 13 00-0031 | | **Four Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)* | | |
| 10 51 13 00-0032 | EA | 12" x 12" x 72" Four Tier Institutional Or Corridor Locker | 366.00 | 30.04 |
| | | *For >25 To 50, Deduct* | *-15.30* | |
| | | *For >50 To 100, Deduct* | *-31.49* | |
| | | *For >100, Deduct* | *-47.69* | |
| 10 51 13 00-0033 | EA | 12" x 15" x 72" Four Tier Institutional Or Corridor Locker | 378.67 | 30.04 |
| | | *For >25 To 50, Deduct* | *-15.93* | |
| | | *For >50 To 100, Deduct* | *-32.76* | |
| | | *For >100, Deduct* | *-49.59* | |
| 10 51 13 00-0034 | EA | 12" x 18" x 72" Four Tier Institutional Or Corridor Locker | 399.08 | 30.04 |
| | | *For >25 To 50, Deduct* | *-16.95* | |
| | | *For >50 To 100, Deduct* | *-34.80* | |
| | | *For >100, Deduct* | *-52.65* | |
| 10 51 13 00-0035 | EA | 15" x 15" x 72" Four Tier Institutional Or Corridor Locker | 415.40 | 30.04 |
| | | *For >25 To 50, Deduct* | *-17.77* | |
| | | *For >50 To 100, Deduct* | *-36.43* | |
| | | *For >100, Deduct* | *-55.10* | |
| 10 51 13 00-0036 | EA | 15" x 18" x 72" Four Tier Institutional Or Corridor Locker | 438.91 | 30.04 |
| | | *For >25 To 50, Deduct* | *-18.94* | |
| | | *For >50 To 100, Deduct* | *-38.78* | |
| | | *For >100, Deduct* | *-58.63* | |
| 10 51 13 00-0037 | | **Six Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)* | | |
| 10 51 13 00-0038 | EA | 12" x 12" x 72" Six Tier Institutional Or Corridor Locker | 399.62 | 30.90 |
| | | *For >25 To 50, Deduct* | *-16.89* | |
| | | *For >50 To 100, Deduct* | *-34.71* | |
| | | *For >100, Deduct* | *-52.53* | |
| 10 51 13 00-0039 | EA | 12" x 15" x 72" Six Tier Institutional Or Corridor Locker | 409.39 | 30.90 |
| | | *For >25 To 50, Deduct* | *-17.38* | |
| | | *For >50 To 100, Deduct* | *-35.69* | |
| | | *For >100, Deduct* | *-53.99* | |
| 10 51 13 00-0040 | EA | 12" x 18" x 72" Six Tier Institutional Or Corridor Locker | 427.86 | 30.90 |
| | | *For >25 To 50, Deduct* | *-18.30* | |
| | | *For >50 To 100, Deduct* | *-37.53* | |
| | | *For >100, Deduct* | *-56.76* | |
| 10 51 13 00-0041 | | **Locker And Coat Rack Combination** *(10 51 13 00-0001)* | | |
| 10 51 13 00-0042 | EA | 45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination | 768.21 | 20.60 |
| 10 51 13 00-0043 | EA | 72" x 18" x 78", 16 Person Locker And Coat Rack Combination | 1,220.43 | 42.92 |
| 10 51 13 00-0044 | | **All-Welded Steel Lockers** *(10 51 13)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 13 00-0045 | | **All-Welded Steel Lockers** *(10 51 13 00-0044)* Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks. | | |
| 10 51 13 00-0046 | | **Single Tier, All-Welded Steel Lockers** *(10 51 13 00-0045)* Note: Includes one hat shelf, two single hooks and one double hook. | | |
| 10 51 13 00-0047 | EA | 12" x 12" x 48" Single Tier, All-Welded Steel Locker | 156.92 | 15.03 |
| | | *For >25 To 50, Deduct* | *-6.77* | |
| | | *For >50 To 100, Deduct* | *-13.87* | |
| | | *For >100, Deduct* | *-20.96* | |
| 10 51 13 00-0048 | EA | 12" x 15" x 48" Single Tier, All-Welded Steel Locker | 164.91 | 15.03 |
| | | *For >25 To 50, Deduct* | *-7.17* | |
| | | *For >50 To 100, Deduct* | *-14.67* | |
| | | *For >100, Deduct* | *-22.16* | |
| 10 51 13 00-0049 | EA | 12" x 18" x 48" Single Tier, All-Welded Steel Locker | 172.61 | 15.03 |
| | | *For >25 To 50, Deduct* | *-7.56* | |
| | | *For >50 To 100, Deduct* | *-15.44* | |
| | | *For >100, Deduct* | *-23.32* | |
| 10 51 13 00-0050 | EA | 12" x 12" x 60" Single Tier, All-Welded Steel Locker | 163.52 | 15.03 |
| | | *For >25 To 50, Deduct* | *-7.10* | |
| | | *For >50 To 100, Deduct* | *-14.53* | |
| | | *For >100, Deduct* | *-21.95* | |
| 10 51 13 00-0051 | EA | 12" x 15" x 60" Single Tier, All-Welded Steel Locker | 171.22 | 15.03 |
| | | *For >25 To 50, Deduct* | *-7.49* | |
| | | *For >50 To 100, Deduct* | *-15.30* | |
| | | *For >100, Deduct* | *-23.11* | |
| 10 51 13 00-0052 | EA | 12" x 18" x 60" Single Tier, All-Welded Steel Locker | 178.91 | 15.03 |
| | | *For >25 To 50, Deduct* | *-7.87* | |
| | | *For >50 To 100, Deduct* | *-16.07* | |
| | | *For >100, Deduct* | *-24.26* | |
| 10 51 13 00-0053 | EA | 12" x 12" x 72" Single Tier, All-Welded Steel Locker | 172.79 | 16.53 |
| | | *For >25 To 50, Deduct* | *-7.46* | |
| | | *For >50 To 100, Deduct* | *-15.27* | |
| | | *For >100, Deduct* | *-23.09* | |
| 10 51 13 00-0054 | EA | 12" x 15" x 72" Single Tier, All-Welded Steel Locker | 179.91 | 16.53 |
| | | *For >25 To 50, Deduct* | *-7.82* | |
| | | *For >50 To 100, Deduct* | *-15.98* | |
| | | *For >100, Deduct* | *-24.15* | |
| 10 51 13 00-0055 | EA | 12" x 18" x 72" Single Tier, All-Welded Steel Locker | 187.61 | 16.53 |
| | | *For >25 To 50, Deduct* | *-8.20* | |
| | | *For >50 To 100, Deduct* | *-16.75* | |
| | | *For >100, Deduct* | *-25.31* | |
| 10 51 13 00-0056 | EA | 15" x 15" x 72" Single Tier, All-Welded Steel Locker | 194.81 | 16.53 |
| | | *For >25 To 50, Deduct* | *-8.56* | |
| | | *For >50 To 100, Deduct* | *-17.47* | |
| | | *For >100, Deduct* | *-26.39* | |
| 10 51 13 00-0057 | EA | 15" x 18" x 72" Single Tier, All-Welded Steel Locker | 200.74 | 16.53 |
| | | *For >25 To 50, Deduct* | *-8.86* | |
| | | *For >50 To 100, Deduct* | *-18.07* | |
| | | *For >100, Deduct* | *-27.28* | |
| 10 51 13 00-0058 | EA | 18" x 18" x 72" Single Tier, All-Welded Steel Locker | 208.92 | 16.53 |
| | | *For >25 To 50, Deduct* | *-9.27* | |
| | | *For >50 To 100, Deduct* | *-18.89* | |
| | | *For >100, Deduct* | *-28.50* | |
| 10 51 13 00-0059 | EA | 18" x 21" x 72" Single Tier, All-Welded Steel Locker | 218.12 | 16.53 |
| | | *For >25 To 50, Deduct* | *-9.73* | |
| | | *For >50 To 100, Deduct* | *-19.81* | |
| | | *For >100, Deduct* | *-29.88* | |
| 10 51 13 00-0060 | EA | 24" x 24" x 72" Single Tier, All-Welded Steel Locker | 356.74 | 16.53 |
| | | *For >25 To 50, Deduct* | *-16.66* | |
| | | *For >50 To 100, Deduct* | *-33.67* | |
| | | *For >100, Deduct* | *-50.68* | |
| 10 51 13 00-0061 | | **Two Tier, All-Welded Steel Lockers** *(10 51 13 00-0045)* Note: Includes two single hooks and one double hook per tier. | | |
| 10 51 13 00-0062 | EA | 12" x 12" x 60" Two Tier, All-Welded Steel Locker | 188.47 | 15.03 |
| | | *For >25 To 50, Deduct* | *-8.35* | |
| | | *For >50 To 100, Deduct* | *-17.02* | |
| | | *For >100, Deduct* | *-25.70* | |
| 10 51 13 00-0063 | EA | 12" x 15" x 60" Two Tier, All-Welded Steel Locker | 192.00 | 15.03 |
| | | *For >25 To 50, Deduct* | *-8.53* | |
| | | *For >50 To 100, Deduct* | *-17.38* | |
| | | *For >100, Deduct* | *-26.22* | |
| 10 51 13 00-0064 | EA | 12" x 18" x 60" Two Tier, All-Welded Steel Locker | 201.49 | 15.03 |
| | | *For >25 To 50, Deduct* | *-9.00* | |
| | | *For >50 To 100, Deduct* | *-18.32* | |
| | | *For >100, Deduct* | *-27.65* | |
| 10 51 13 00-0065 | EA | 12" x 12" x 72" Two Tier, All-Welded Steel Locker | 196.51 | 16.53 |
| | | *For >25 To 50, Deduct* | *-8.65* | |
| | | *For >50 To 100, Deduct* | *-17.64* | |
| | | *For >100, Deduct* | *-26.64* | |
| 10 51 13 00-0066 | EA | 12" x 15" x 72" Two Tier, All-Welded Steel Locker | 209.59 | 16.53 |
| | | *For >25 To 50, Deduct* | *-9.30* | |
| | | *For >50 To 100, Deduct* | *-18.95* | |
| | | *For >100, Deduct* | *-28.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 13 00-0067 | EA | 12" x 18" x 72" Two Tier, All-Welded Steel Locker | 216.71 | 16.53 |
| | | *For >25 To 50, Deduct* | *-9.66* | |
| | | *For >50 To 100, Deduct* | *-19.66* | |
| | | *For >100, Deduct* | *-29.67* | |
| 10 51 13 00-0068 | EA | 15" x 15" x 72" Two Tier, All-Welded Steel Locker | 226.86 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.16* | |
| | | *For >50 To 100, Deduct* | *-20.68* | |
| | | *For >100, Deduct* | *-31.20* | |
| 10 51 13 00-0069 | EA | 15" x 18" x 72" Two Tier, All-Welded Steel Locker | 231.64 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.40* | |
| | | *For >50 To 100, Deduct* | *-21.16* | |
| | | *For >100, Deduct* | *-31.91* | |
| 10 51 13 00-0070 | EA | 18" x 18" x 72" Two Tier, All-Welded Steel Locker | 245.42 | 16.53 |
| | | *For >25 To 50, Deduct* | *-11.09* | |
| | | *For >50 To 100, Deduct* | *-22.54* | |
| | | *For >100, Deduct* | *-33.98* | |
| 10 51 13 00-0071 | EA | 18" x 21" x 72" Two Tier, All-Welded Steel Locker | 256.09 | 16.53 |
| | | *For >25 To 50, Deduct* | *-11.62* | |
| | | *For >50 To 100, Deduct* | *-23.60* | |
| | | *For >100, Deduct* | *-35.58* | |

### 10 51 13 00-0072 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

Note: Includes two single hooks and one double hook per tier.

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0073 | EA | 12" x 12" x 72" Three Tier, All-Welded Steel Locker | 233.33 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.49* | |
| | | *For >50 To 100, Deduct* | *-21.33* | |
| | | *For >100, Deduct* | *-32.17* | |
| 10 51 13 00-0074 | EA | 12" x 15" x 72" Three Tier, All-Welded Steel Locker | 238.69 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.75* | |
| | | *For >50 To 100, Deduct* | *-21.86* | |
| | | *For >100, Deduct* | *-32.97* | |
| 10 51 13 00-0075 | EA | 12" x 18" x 72" Three Tier, All-Welded Steel Locker | 244.00 | 16.53 |
| | | *For >25 To 50, Deduct* | *-11.02* | |
| | | *For >50 To 100, Deduct* | *-22.39* | |
| | | *For >100, Deduct* | *-33.77* | |
| 10 51 13 00-0076 | EA | 15" x 15" x 72" Three Tier, All-Welded Steel Locker | 256.60 | 16.53 |
| | | *For >25 To 50, Deduct* | *-11.65* | |
| | | *For >50 To 100, Deduct* | *-23.65* | |
| | | *For >100, Deduct* | *-35.66* | |
| 10 51 13 00-0077 | EA | 15" x 18" x 72" Three Tier, All-Welded Steel Locker | 258.92 | 16.53 |
| | | *For >25 To 50, Deduct* | *-11.77* | |
| | | *For >50 To 100, Deduct* | *-23.89* | |
| | | *For >100, Deduct* | *-36.00* | |

### 10 51 13 00-0078 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0079 | EA | 12" x 12" x 72" Four Tier, All-Welded Steel Locker | 220.63 | 16.53 |
| | | *For >25 To 50, Deduct* | *-9.85* | |
| | | *For >50 To 100, Deduct* | *-20.06* | |
| | | *For >100, Deduct* | *-30.26* | |
| 10 51 13 00-0080 | EA | 12" x 15" x 72" Four Tier, All-Welded Steel Locker | 225.69 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.10* | |
| | | *For >50 To 100, Deduct* | *-20.56* | |
| | | *For >100, Deduct* | *-31.02* | |
| 10 51 13 00-0081 | EA | 12" x 18" x 72" Four Tier, All-Welded Steel Locker | 230.71 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.36* | |
| | | *For >50 To 100, Deduct* | *-21.06* | |
| | | *For >100, Deduct* | *-31.77* | |
| 10 51 13 00-0082 | EA | 15" x 15" x 72" Four Tier, All-Welded Steel Locker | 242.56 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.95* | |
| | | *For >50 To 100, Deduct* | *-22.25* | |
| | | *For >100, Deduct* | *-33.55* | |
| 10 51 13 00-0083 | EA | 15" x 18" x 72" Four Tier, All-Welded Steel Locker | 244.72 | 16.53 |
| | | *For >25 To 50, Deduct* | *-11.06* | |
| | | *For >50 To 100, Deduct* | *-22.47* | |
| | | *For >100, Deduct* | *-33.87* | |

### 10 51 13 00-0084 Six Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0085 | EA | 12" x 12" x 72" Six Tier, All-Welded Steel Locker | 228.50 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.24* | |
| | | *For >50 To 100, Deduct* | *-20.84* | |
| | | *For >100, Deduct* | *-31.44* | |
| 10 51 13 00-0086 | EA | 12" x 15" x 72" Six Tier, All-Welded Steel Locker | 235.88 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.61* | |
| | | *For >50 To 100, Deduct* | *-21.58* | |
| | | *For >100, Deduct* | *-32.55* | |
| 10 51 13 00-0087 | EA | 12" x 18" x 72" Six Tier, All-Welded Steel Locker | 241.31 | 16.53 |
| | | *For >25 To 50, Deduct* | *-10.89* | |
| | | *For >50 To 100, Deduct* | *-22.12* | |
| | | *For >100, Deduct* | *-33.36* | |

### 10 51 13 00-0088 All Welded Locker Accessories *(10 51 13 00-0044)*

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0089 | EA | ADA Requirements For All Welded Lockers | 111.49 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 13 00-0090 | EA | Solid Boxed End Panel For 12" Deep All Welded Lockers | 178.88 | 3.43 |
| 10 51 13 00-0091 | EA | Solid Boxed End Panel For 15" Deep All Welded Lockers | 207.55 | 3.43 |
| 10 51 13 00-0092 | EA | Recessed Trim For All Welded Lockers | 125.79 | 3.43 |
| 10 51 13 00-0093 | EA | Built In Combination Lock For All Welded Lockers | 44.50 | 3.43 |
| 10 51 13 00-0094 | EA | Pad Lock For All Welded Lockers | 33.41 | 3.43 |

### 10 51 13 00-0095 Athletic Lockers *(10 51 13)*

Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.

### 10 51 13 00-0096 Single Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes one hat shelf, three single hooks and one double hook.

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0097 | EA | 12" x 15" x 72" Single Tier Athletic Locker | 424.32 | 27.47 |
| | | *For >25 To 50, Deduct* | *-18.47* | |
| | | *For >50 To 100, Deduct* | *-37.76* | |
| | | *For >100, Deduct* | *-57.06* | |
| 10 51 13 00-0098 | EA | 12" x 18" x 72" Single Tier Athletic Locker | 451.16 | 27.47 |
| | | *For >25 To 50, Deduct* | *-19.81* | |
| | | *For >50 To 100, Deduct* | *-40.45* | |
| | | *For >100, Deduct* | *-61.08* | |
| 10 51 13 00-0099 | EA | 15" x 15" x 72" Single Tier Athletic Locker | 460.59 | 27.47 |
| | | *For >25 To 50, Deduct* | *-20.28* | |
| | | *For >50 To 100, Deduct* | *-41.39* | |
| | | *For >100, Deduct* | *-62.50* | |
| 10 51 13 00-0100 | EA | 15" x 18" x 72" Single Tier Athletic Locker | 477.82 | 27.47 |
| | | *For >25 To 50, Deduct* | *-21.14* | |
| | | *For >50 To 100, Deduct* | *-43.11* | |
| | | *For >100, Deduct* | *-65.08* | |
| 10 51 13 00-0101 | EA | 18" x 18" x 72" Single Tier Athletic Locker | 520.31 | 27.47 |
| | | *For >25 To 50, Deduct* | *-23.27* | |
| | | *For >50 To 100, Deduct* | *-47.36* | |
| | | *For >100, Deduct* | *-71.45* | |
| 10 51 13 00-0102 | EA | 18" x 21" x 72" Single Tier Athletic Locker | 564.83 | 27.47 |
| | | *For >25 To 50, Deduct* | *-25.49* | |
| | | *For >50 To 100, Deduct* | *-51.81* | |
| | | *For >100, Deduct* | *-78.13* | |

### 10 51 13 00-0103 Two Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes three single hooks and one double hook per tier.

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0104 | EA | 12" x 12" x 72" Two Tier Athletic Locker | 476.43 | 28.33 |
| | | *For >25 To 50, Deduct* | *-20.99* | |
| | | *For >50 To 100, Deduct* | *-42.83* | |
| | | *For >100, Deduct* | *-64.67* | |
| 10 51 13 00-0105 | EA | 12" x 15" x 72" Two Tier Athletic Locker | 492.68 | 28.33 |
| | | *For >25 To 50, Deduct* | *-21.80* | |
| | | *For >50 To 100, Deduct* | *-44.45* | |
| | | *For >100, Deduct* | *-67.10* | |
| 10 51 13 00-0106 | EA | 12" x 18" x 72" Two Tier Athletic Locker | 514.82 | 28.33 |
| | | *For >25 To 50, Deduct* | *-22.91* | |
| | | *For >50 To 100, Deduct* | *-46.67* | |
| | | *For >100, Deduct* | *-70.42* | |
| 10 51 13 00-0107 | EA | 15" x 15" x 72" Two Tier Athletic Locker | 518.18 | 28.33 |
| | | *For >25 To 50, Deduct* | *-23.08* | |
| | | *For >50 To 100, Deduct* | *-47.00* | |
| | | *For >100, Deduct* | *-70.93* | |
| 10 51 13 00-0108 | EA | 15" x 18" x 72" Two Tier Athletic Locker | 536.38 | 28.33 |
| | | *For >25 To 50, Deduct* | *-23.99* | |
| | | *For >50 To 100, Deduct* | *-48.82* | |
| | | *For >100, Deduct* | *-73.66* | |
| 10 51 13 00-0109 | EA | 18" x 18" x 72" Two Tier Athletic Locker | 558.74 | 28.33 |
| | | *For >25 To 50, Deduct* | *-25.10* | |
| | | *For >50 To 100, Deduct* | *-51.06* | |
| | | *For >100, Deduct* | *-77.01* | |
| 10 51 13 00-0110 | EA | 18" x 21" x 72" Two Tier Athletic Locker | 608.91 | 28.33 |
| | | *For >25 To 50, Deduct* | *-27.61* | |
| | | *For >50 To 100, Deduct* | *-56.07* | |
| | | *For >100, Deduct* | *-84.54* | |

### 10 51 13 00-0111 Three Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes one double hook per tier.

| | | | | |
|---|---|---|---|---|
| 10 51 13 00-0112 | EA | 12" x 12" x 72" Three Tier Athletic Locker | 528.46 | 29.19 |
| | | *For >25 To 50, Deduct* | *-23.50* | |
| | | *For >50 To 100, Deduct* | *-47.88* | |
| | | *For >100, Deduct* | *-72.26* | |
| 10 51 13 00-0113 | EA | 12" x 15" x 72" Three Tier Athletic Locker | 551.67 | 29.19 |
| | | *For >25 To 50, Deduct* | *-24.67* | |
| | | *For >50 To 100, Deduct* | *-50.21* | |
| | | *For >100, Deduct* | *-75.75* | |
| 10 51 13 00-0114 | EA | 12" x 18" x 72" Three Tier Athletic Locker | 583.71 | 29.19 |
| | | *For >25 To 50, Deduct* | *-26.27* | |
| | | *For >50 To 100, Deduct* | *-53.41* | |
| | | *For >100, Deduct* | *-80.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 13 00-0115 | EA | 15" x 15" x 72" Three Tier Athletic Locker | 600.10 | 29.19 |
| | | *For >25 To 50, Deduct* | *-27.09* | |
| | | *For >50 To 100, Deduct* | *-55.05* | |
| | | *For >100, Deduct* | *-83.01* | |
| 10 51 13 00-0116 | EA | 15" x 18" x 72" Three Tier Athletic Locker | 624.70 | 29.19 |
| | | *For >25 To 50, Deduct* | *-28.32* | |
| | | *For >50 To 100, Deduct* | *-57.51* | |
| | | *For >100, Deduct* | *-86.70* | |
| 10 51 13 00-0117 | | Four Tier Athletic Locker *(10 51 13 00-0095)* | | |
| 10 51 13 00-0118 | EA | 12" x 12" x 72" Four Tier Athletic Locker | 489.08 | 30.04 |
| | | *For >25 To 50, Deduct* | *-21.45* | |
| | | *For >50 To 100, Deduct* | *-43.80* | |
| | | *For >100, Deduct* | *-66.15* | |
| 10 51 13 00-0119 | EA | 12" x 15" x 72" Four Tier Athletic Locker | 521.01 | 30.04 |
| | | *For >25 To 50, Deduct* | *-23.05* | |
| | | *For >50 To 100, Deduct* | *-46.99* | |
| | | *For >100, Deduct* | *-70.94* | |
| 10 51 13 00-0120 | EA | 12" x 18" x 72" Four Tier Athletic Locker | 552.94 | 30.04 |
| | | *For >25 To 50, Deduct* | *-24.64* | |
| | | *For >50 To 100, Deduct* | *-50.19* | |
| | | *For >100, Deduct* | *-75.73* | |
| 10 51 13 00-0121 | EA | 15" x 15" x 72" Four Tier Athletic Locker | 569.30 | 30.04 |
| | | *For >25 To 50, Deduct* | *-25.46* | |
| | | *For >50 To 100, Deduct* | *-51.82* | |
| | | *For >100, Deduct* | *-78.18* | |
| 10 51 13 00-0122 | EA | 15" x 18" x 72" Four Tier Athletic Locker | 581.57 | 30.04 |
| | | *For >25 To 50, Deduct* | *-26.07* | |
| | | *For >50 To 100, Deduct* | *-53.05* | |
| | | *For >100, Deduct* | *-80.02* | |
| 10 51 13 00-0123 | | Six Tier Athletic Locker *(10 51 13 00-0095)* | | |
| 10 51 13 00-0124 | EA | 12" x 12" x 72" Six Tier Athletic Locker | 544.51 | 30.90 |
| | | *For >25 To 50, Deduct* | *-24.14* | |
| | | *For >50 To 100, Deduct* | *-49.20* | |
| | | *For >100, Deduct* | *-74.26* | |
| 10 51 13 00-0125 | EA | 12" x 15" x 72" Six Tier Athletic Locker | 569.04 | 30.90 |
| | | *For >25 To 50, Deduct* | *-25.36* | |
| | | *For >50 To 100, Deduct* | *-51.65* | |
| | | *For >100, Deduct* | *-77.94* | |
| 10 51 13 00-0126 | EA | 12" x 18" x 72" Six Tier Athletic Locker | 593.53 | 30.90 |
| | | *For >25 To 50, Deduct* | *-26.59* | |
| | | *For >50 To 100, Deduct* | *-54.10* | |
| | | *For >100, Deduct* | *-81.61* | |
| 10 51 13 00-0127 | EA | 12" x 21" x 72" Six Tier Athletic Locker | 682.90 | 30.90 |
| | | *For >25 To 50, Deduct* | *-31.05* | |
| | | *For >50 To 100, Deduct* | *-63.04* | |
| | | *For >100, Deduct* | *-95.02* | |
| 10 51 13 00-0128 | | Metal Locker Accessories *(10 51 13)* | | |
| 10 51 13 00-0129 | | Locker Slope Tops *(10 51 13 00-0128)* | | |
| 10 51 13 00-0130 | | 16 Gauge Continuous Sloping Hood *(10 51 13 00-0129)* | | |
| 10 51 13 00-0131 | LF | 12" Deep, 16 Gauge Continuous Slope Top | 33.03 | 3.43 |
| 10 51 13 00-0132 | LF | 15" Deep, 16 Gauge Continuous Slope Top | 27.44 | 3.43 |
| 10 51 13 00-0133 | LF | 18" Deep, 16 Gauge Continuous Slope Top | 38.75 | 3.43 |
| 10 51 13 00-0134 | LF | 21" Deep, 16 Gauge Continuous Slope Top | 43.09 | 3.43 |
| 10 51 13 00-0135 | LF | 24" Deep, 16 Gauge Continuous Slope Top | 45.13 | 3.43 |
| 10 51 13 00-0136 | | 16 Gauge Slope Top Corner Fillers *(10 51 13 00-0129)* | | |
| 10 51 13 00-0137 | EA | 12" Deep, 16 Gauge Slope Top Corner Fillers | 145.19 | 3.43 |
| 10 51 13 00-0138 | EA | 15" Deep, 16 Gauge Slope Top Corner Fillers | 148.36 | 3.43 |
| 10 51 13 00-0139 | EA | 18" Deep, 16 Gauge Slope Top Corner Fillers | 151.51 | 3.43 |
| 10 51 13 00-0140 | EA | 21" Deep, 16 Gauge Slope Top Corner Fillers | 155.34 | 3.43 |
| 10 51 13 00-0141 | EA | 24" Deep, 16 Gauge Slope Top Corner Fillers | 159.12 | 3.43 |
| 10 51 13 00-0142 | | 20 Gauge Individual Slope Top *(10 51 13 00-0129)* | | |
| 10 51 13 00-0143 | EA | 12" Wide x 12" Deep 20 Gauge Individual Slope Top | 27.99 | 3.43 |
| 10 51 13 00-0144 | EA | 12" Wide x 15" Deep 20 Gauge Individual Slope Top | 27.79 | 3.43 |
| 10 51 13 00-0145 | EA | 12" Wide x 18" Deep 20 Gauge Individual Slope Top | 31.23 | 3.43 |
| 10 51 13 00-0146 | EA | 15" Wide x 15" Deep 20 Gauge Individual Slope Top | 31.23 | 3.43 |
| 10 51 13 00-0147 | EA | 15" Wide x 18" Deep 20 Gauge Individual Slope Top | 32.04 | 3.43 |
| 10 51 13 00-0148 | EA | 15" Wide x 21" Deep 20 Gauge Individual Slope Top | 35.30 | 3.43 |
| 10 51 13 00-0149 | EA | 18" Wide x 18" Deep 20 Gauge Individual Slope Top | 35.30 | 3.43 |
| 10 51 13 00-0150 | EA | 18" Wide x 21" Deep 20 Gauge Individual Slope Top | 39.57 | 3.43 |
| 10 51 13 00-0151 | EA | 18" Wide x 24" Deep 20 Gauge Individual Slope Top | 44.66 | 3.43 |
| 10 51 13 00-0152 | | Continuous Slope Top End Closures *(10 51 13 00-0129)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 13 00-0153 | PR | 12" Deep, Continuous Slope Top End Closures | 30.02 | 3.43 |
| 10 51 13 00-0154 | PR | 15" Deep, Continuous Slope Top End Closures | 25.11 | 3.43 |
| 10 51 13 00-0155 | PR | 18" Deep, Continuous Slope Top End Closures | 34.07 | 3.43 |
| 10 51 13 00-0156 | PR | 21" Deep, Continuous Slope Top End Closures | 36.11 | 3.43 |
| 10 51 13 00-0157 | PR | 24" Deep, Continuous Slope Top End Closures | 37.50 | 3.43 |
| 10 51 13 00-0158 | | Individual Slope Top End Closures *(10 51 13 00-0129)* | | |
| 10 51 13 00-0159 | EA | 12" Deep, Individual Slope Top End Closures | 18.44 | 3.43 |
| 10 51 13 00-0160 | EA | 15" Deep, Individual Slope Top End Closures | 19.08 | 3.43 |
| 10 51 13 00-0161 | EA | 18" Deep, Individual Slope Top End Closures | 20.49 | 3.43 |
| 10 51 13 00-0162 | EA | 21" Deep, Individual Slope Top End Closures | 21.47 | 3.43 |
| 10 51 13 00-0163 | EA | 24" Deep, Individual Slope Top End Closures | 31.49 | 3.43 |
| 10 51 13 00-0164 | | Locker Base *(10 51 13 00-0128)* | | |
| 10 51 13 00-0165 | | Closed Front Base *(10 51 13 00-0164)* | | |
| 10 51 13 00-0166 | EA | 12" Wide, 6" High Closed Front Base | 19.53 | 3.43 |
| 10 51 13 00-0167 | EA | 15" Wide, 6" High Closed Front Base | 20.59 | 3.43 |
| 10 51 13 00-0168 | EA | 18" Wide, 6" High Closed Front Base | 22.80 | 3.43 |
| 10 51 13 00-0169 | EA | 24" Wide, 6" High Closed Front Base | 23.86 | 3.43 |
| 10 51 13 00-0170 | | Closed End Base *(10 51 13 00-0164)* | | |
| 10 51 13 00-0171 | EA | 12" Deep, 6" High Closed End Base | 22.47 | 3.43 |
| 10 51 13 00-0172 | EA | 15" Deep, 6" High Closed End Base | 22.66 | 3.43 |
| 10 51 13 00-0173 | EA | 18" Deep, 6" High Closed End Base | 24.09 | 3.43 |
| 10 51 13 00-0174 | EA | 21" Deep, 6" High Closed End Base | 25.50 | 3.43 |
| 10 51 13 00-0175 | EA | 24" Deep, 6" High Closed End Base | 27.42 | 3.43 |
| 10 51 13 00-0176 | | Recessed Continuous Front "Z" Base *(10 51 13 00-0164)* | | |
| 10 51 13 00-0177 | LF | 4" High Recessed Continuous Front "Z" Base | 24.41 | 2.57 |
| 10 51 13 00-0178 | | "Z" Base Ends Or Splice *(10 51 13 00-0164)* | | |
| 10 51 13 00-0179 | EA | 12" Wide, 4" High Z-Base Ends Or Splice | 23.62 | 3.43 |
| 10 51 13 00-0180 | EA | 15" Wide, 4" High Z-Base Ends Or Splice | 27.79 | 3.43 |
| 10 51 13 00-0181 | EA | 18" Wide, 4" High Z-Base Ends Or Splice | 32.04 | 3.43 |
| 10 51 13 00-0182 | EA | 21" Wide, 4" High Z-Base Ends Or Splice | 36.52 | 3.43 |
| 10 51 13 00-0183 | EA | 24" Wide, 4" High Z-Base Ends Or Splice | 40.98 | 3.43 |
| 10 51 13 00-0184 | | Locker Front Fillers And End Panels *(10 51 13 00-0128)* | | |
| 10 51 13 00-0185 | | Locker Front Fillers *(10 51 13 00-0184)* | | |
| 10 51 13 00-0186 | EA | 6" Wide x 60" High, 16 Gauge Front Filler | 39.66 | 4.30 |
| 10 51 13 00-0187 | EA | 12" Wide x 60" High, 16 Gauge Front Filler | 63.14 | 4.30 |
| 10 51 13 00-0188 | EA | 6" Wide x 66" High, 16 Gauge Front Filler | 43.49 | 4.30 |
| 10 51 13 00-0189 | EA | 12" Wide x 66" High, 16 Gauge Front Filler | 49.30 | 4.30 |
| 10 51 13 00-0190 | EA | 6" Wide x 72" High, 16 Gauge Front Filler | 47.93 | 4.30 |
| 10 51 13 00-0191 | EA | 12" Wide x 72" High, 16 Gauge Front Filler | 69.48 | 4.30 |
| 10 51 13 00-0192 | EA | 6" Wide x 78" High, 16 Gauge Front Filler | 49.15 | 4.30 |
| 10 51 13 00-0193 | EA | 12" Wide x 78" High, 16 Gauge Front Filler | 57.86 | 4.30 |
| 10 51 13 00-0194 | | Locker End Panels *(10 51 13 00-0184)* | | |
| 10 51 13 00-0195 | EA | 12" Deep x 60" High, 16 Gauge End Panel | 64.13 | 3.43 |
| 10 51 13 00-0196 | EA | 15" Deep x 60" High, 16 Gauge End Panel | 73.13 | 3.43 |
| 10 51 13 00-0197 | EA | 18" Deep x 60" High, 16 Gauge End Panel | 87.28 | 3.43 |
| 10 51 13 00-0198 | EA | 12" Deep x 72" High, 16 Gauge End Panel | 76.09 | 3.43 |
| 10 51 13 00-0199 | EA | 15" Deep x 72" High, 16 Gauge End Panel | 87.03 | 3.43 |
| 10 51 13 00-0200 | EA | 18" Deep x 72" High, 16 Gauge End Panel | 101.59 | 3.43 |
| 10 51 13 00-0201 | EA | 21" Deep x 72" High, 16 Gauge End Panel | 117.40 | 3.43 |
| 10 51 13 00-0202 | | Locker Recessed Trim *(10 51 13 00-0128)* | | |
| 10 51 13 00-0203 | LF | 3" Height, Top Trim For Recessed Lockers | 10.24 | 1.71 |
| 10 51 13 00-0204 | EA | 3" Height, Inside And Outside Top Corner Trim For Recessed Lockers | 29.37 | 3.43 |
| 10 51 13 00-0205 | EA | 60" Height, 3" Wide Side Trim For Recessed Lockers | 46.24 | 3.43 |
| 10 51 13 00-0206 | EA | 66" Height, 3" Wide Side Trim For Recessed Lockers | 48.02 | 3.43 |
| 10 51 13 00-0207 | EA | 72" Height, 3" Wide Side Trim For Recessed Lockers | 49.79 | 3.43 |
| 10 51 13 00-0208 | EA | 78" Height, 3" Wide Side Trim For Recessed Lockers | 51.35 | 3.43 |
| 10 51 13 00-0209 | | Locker Interior Accessories *(10 51 13 00-0128)* | | |
| 10 51 13 00-0210 | | Locker Coat Rods *(10 51 13 00-0209)* | | |
| 10 51 13 00-0211 | EA | 12" Wide Coat Rod | 14.53 | 3.43 |
| 10 51 13 00-0212 | EA | 15" Wide Coat Rod | 16.18 | 3.43 |
| 10 51 13 00-0213 | EA | 18" Wide Coat Rod | 17.65 | 3.43 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 13 00-0214 | EA | 24" Wide Coat Rod | 18.95 | 3.43 |
| **10 51 13 00-0215** | | **Locker Hat Shelf** *(10 51 13 00-0209)* | | |
| 10 51 13 00-0216 | EA | 12" Wide Hat Shelf | 18.02 | 3.43 |
| 10 51 13 00-0217 | EA | 15" Wide Hat Shelf | 21.59 | 3.43 |
| 10 51 13 00-0218 | EA | 18" Wide Hat Shelf | 23.11 | 3.43 |
| 10 51 13 00-0219 | EA | 24" Wide Hat Shelf | 29.08 | 3.43 |
| **10 51 13 00-0220** | | **Locker ADA Compliant Shelf** *(10 51 13 00-0209)* | | |
| 10 51 13 00-0221 | EA | ADA Compliant Shelf For Single Tier Lockers<br>Note: Includes an ADA label for locker face. | 37.58 | 4.30 |
| **10 51 13 00-0222** | | **Other Interior Locker Accessories** *(10 51 13 00-0209)* | | |
| 10 51 13 00-0223 | EA | 3" x 10" Bent Plate Shoe Rack | 51.49 | 3.43 |
| 10 51 13 00-0224 | EA | 8" x 10" Mirror | 40.33 | 3.43 |
| 10 51 13 00-0225 | EA | Additional Hook | 9.66 | 3.43 |
| **10 51 13 00-0226** | | **Locker Locks** *(10 51 13 00-0128)* | | |
| 10 51 13 00-0227 | EA | Built In Combination Lock | 44.50 | 3.43 |
| **10 51 13 00-0228** | | **Steel Basket Racks Mounted On Concrete Base** *(10 51 13)*<br>Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs. | | |
| 10 51 13 00-0229 | EA | 9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack | 2,159.05 | 64.38 |
| 10 51 13 00-0230 | EA | 12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack | 1,838.29 | 64.38 |

## 10 51 26 Plastic Lockers *(10 51)*

**10 51 26 00-0001 Solid Plastic Lockers** *(10 51 26)*
Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.

**10 51 26 00-0002 Single Tier Solid Plastic Lockers** *(10 51 26 00-0001)*
Note: Includes one double hook per tier.

| | | | | |
|---|---|---|---|---|
| 10 51 26 00-0003 | EA | 12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 483.27 | 26.61 |
| | | *For >50 To 100, Deduct* | *-43.01* | |
| | | *For >100, Deduct* | *-66.10* | |
| 10 51 26 00-0004 | EA | 12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 491.90 | 26.61 |
| | | *For >50 To 100, Deduct* | *-43.87* | |
| | | *For >100, Deduct* | *-67.40* | |
| 10 51 26 00-0005 | EA | 12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 500.53 | 26.61 |
| | | *For >50 To 100, Deduct* | *-44.73* | |
| | | *For >100, Deduct* | *-68.69* | |
| 10 51 26 00-0006 | EA | 15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 513.46 | 26.61 |
| | | *For >50 To 100, Deduct* | *-46.02* | |
| | | *For >100, Deduct* | *-70.63* | |
| 10 51 26 00-0007 | EA | 15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 499.78 | 26.61 |
| | | *For >50 To 100, Deduct* | *-44.66* | |
| | | *For >100, Deduct* | *-68.58* | |
| 10 51 26 00-0008 | EA | 18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 503.41 | 26.61 |
| | | *For >50 To 100, Deduct* | *-45.02* | |
| | | *For >100, Deduct* | *-69.13* | |
| 10 51 26 00-0009 | EA | 18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 497.03 | 26.61 |
| | | *For >50 To 100, Deduct* | *-44.38* | |
| | | *For >100, Deduct* | *-68.17* | |
| 10 51 26 00-0010 | EA | 18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 532.65 | 26.61 |
| | | *For >50 To 100, Deduct* | *-47.94* | |
| | | *For >100, Deduct* | *-73.51* | |
| 10 51 26 00-0011 | EA | 12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 524.43 | 26.61 |
| | | *For >50 To 100, Deduct* | *-47.12* | |
| | | *For >100, Deduct* | *-72.28* | |
| 10 51 26 00-0012 | EA | 12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 534.02 | 26.61 |
| | | *For >50 To 100, Deduct* | *-48.08* | |
| | | *For >100, Deduct* | *-73.72* | |
| 10 51 26 00-0013 | EA | 12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 543.60 | 26.61 |
| | | *For >50 To 100, Deduct* | *-49.04* | |
| | | *For >100, Deduct* | *-75.15* | |
| 10 51 26 00-0014 | EA | 15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 565.52 | 26.61 |
| | | *For >50 To 100, Deduct* | *-51.23* | |
| | | *For >100, Deduct* | *-78.44* | |
| 10 51 26 00-0015 | EA | 15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 595.66 | 26.61 |
| | | *For >50 To 100, Deduct* | *-54.24* | |
| | | *For >100, Deduct* | *-82.96* | |
| 10 51 26 00-0016 | EA | 18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 568.26 | 26.61 |
| | | *For >50 To 100, Deduct* | *-51.50* | |
| | | *For >100, Deduct* | *-78.85* | |
| 10 51 26 00-0017 | EA | 18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 617.57 | 26.61 |
| | | *For >50 To 100, Deduct* | *-56.44* | |
| | | *For >100, Deduct* | *-86.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 26 00-0018 | EA | 12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 528.25 | 26.61 |
| | | *For >50 To 100, Deduct* | *-47.50* | |
| | | *For >100, Deduct* | *-72.85* | |
| 10 51 26 00-0019 | EA | 12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 556.35 | 26.61 |
| | | *For >50 To 100, Deduct* | *-50.31* | |
| | | *For >100, Deduct* | *-77.07* | |
| 10 51 26 00-0020 | EA | 12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 584.47 | 26.61 |
| | | *For >50 To 100, Deduct* | *-53.13* | |
| | | *For >100, Deduct* | *-81.28* | |
| 10 51 26 00-0021 | EA | 15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 563.88 | 26.61 |
| | | *For >50 To 100, Deduct* | *-51.07* | |
| | | *For >100, Deduct* | *-78.20* | |
| 10 51 26 00-0022 | EA | 15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 593.66 | 26.61 |
| | | *For >50 To 100, Deduct* | *-54.04* | |
| | | *For >100, Deduct* | *-82.66* | |
| 10 51 26 00-0023 | EA | 15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 623.46 | 26.61 |
| | | *For >50 To 100, Deduct* | *-57.02* | |
| | | *For >100, Deduct* | *-87.13* | |
| 10 51 26 00-0024 | EA | 18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 599.50 | 26.61 |
| | | *For >50 To 100, Deduct* | *-54.63* | |
| | | *For >100, Deduct* | *-83.54* | |
| 10 51 26 00-0025 | EA | 18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 630.99 | 26.61 |
| | | *For >50 To 100, Deduct* | *-57.78* | |
| | | *For >100, Deduct* | *-88.26* | |
| 10 51 26 00-0026 | EA | 12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 604.61 | 27.47 |
| | | *For >50 To 100, Deduct* | *-54.97* | |
| | | *For >100, Deduct* | *-84.10* | |
| 10 51 26 00-0027 | EA | 12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 636.12 | 27.47 |
| | | *For >50 To 100, Deduct* | *-58.12* | |
| | | *For >100, Deduct* | *-88.83* | |
| 10 51 26 00-0028 | EA | 12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 667.59 | 27.47 |
| | | *For >50 To 100, Deduct* | *-61.27* | |
| | | *For >100, Deduct* | *-93.55* | |
| 10 51 26 00-0029 | EA | 15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 645.50 | 27.47 |
| | | *For >50 To 100, Deduct* | *-59.06* | |
| | | *For >100, Deduct* | *-90.23* | |
| 10 51 26 00-0030 | EA | 15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 678.72 | 27.47 |
| | | *For >50 To 100, Deduct* | *-62.38* | |
| | | *For >100, Deduct* | *-95.22* | |
| 10 51 26 00-0031 | EA | 15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 711.92 | 27.47 |
| | | *For >50 To 100, Deduct* | *-65.70* | |
| | | *For >100, Deduct* | *-100.20* | |
| 10 51 26 00-0032 | EA | 18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 678.09 | 27.47 |
| | | *For >50 To 100, Deduct* | *-62.32* | |
| | | *For >100, Deduct* | *-95.12* | |
| 10 51 26 00-0033 | EA | 18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 721.29 | 27.47 |
| | | *For >50 To 100, Deduct* | *-66.64* | |
| | | *For >100, Deduct* | *-101.60* | |
| 10 51 26 00-0034 | EA | 18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®) | 756.19 | 27.47 |
| | | *For >50 To 100, Deduct* | *-70.13* | |
| | | *For >100, Deduct* | *-106.84* | |

### 10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

| | | | | |
|---|---|---|---|---|
| 10 51 26 00-0036 | EA | 12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 542.59 | 27.47 |
| | | *For >50 To 100, Deduct* | *-48.77* | |
| | | *For >100, Deduct* | *-74.80* | |
| 10 51 26 00-0037 | EA | 12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 550.81 | 27.47 |
| | | *For >50 To 100, Deduct* | *-49.59* | |
| | | *For >100, Deduct* | *-76.03* | |
| 10 51 26 00-0038 | EA | 12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 563.13 | 27.47 |
| | | *For >50 To 100, Deduct* | *-50.82* | |
| | | *For >100, Deduct* | *-77.88* | |
| 10 51 26 00-0039 | EA | 15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 559.03 | 27.47 |
| | | *For >50 To 100, Deduct* | *-50.41* | |
| | | *For >100, Deduct* | *-77.26* | |
| 10 51 26 00-0040 | EA | 15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 580.95 | 27.47 |
| | | *For >50 To 100, Deduct* | *-52.60* | |
| | | *For >100, Deduct* | *-80.55* | |
| 10 51 26 00-0041 | EA | 15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 632.99 | 27.47 |
| | | *For >50 To 100, Deduct* | *-57.81* | |
| | | *For >100, Deduct* | *-88.36* | |
| 10 51 26 00-0042 | EA | 18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 564.51 | 27.47 |
| | | *For >50 To 100, Deduct* | *-50.96* | |
| | | *For >100, Deduct* | *-78.08* | |
| 10 51 26 00-0043 | EA | 18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 591.02 | 27.47 |
| | | *For >50 To 100, Deduct* | *-53.61* | |
| | | *For >100, Deduct* | *-82.06* | |
| 10 51 26 00-0044 | EA | 18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 638.48 | 27.47 |
| | | *For >50 To 100, Deduct* | *-58.35* | |
| | | *For >100, Deduct* | *-89.18* | |
| 10 51 26 00-0045 | EA | 12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 561.44 | 27.47 |
| | | *For >50 To 100, Deduct* | *-50.65* | |
| | | *For >100, Deduct* | *-77.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 26 00-0046 | EA | 12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 604.35 | 27.47 |
| | | *For >50 To 100, Deduct* | *-54.94* | |
| | | *For >100, Deduct* | *-84.06* | |
| 10 51 26 00-0047 | EA | 12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 616.61 | 27.47 |
| | | *For >50 To 100, Deduct* | *-56.17* | |
| | | *For >100, Deduct* | *-85.90* | |
| 10 51 26 00-0048 | EA | 15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 611.52 | 27.47 |
| | | *For >50 To 100, Deduct* | *-55.66* | |
| | | *For >100, Deduct* | *-85.14* | |
| 10 51 26 00-0049 | EA | 15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 639.95 | 27.47 |
| | | *For >50 To 100, Deduct* | *-58.50* | |
| | | *For >100, Deduct* | *-89.40* | |
| 10 51 26 00-0050 | EA | 18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 645.51 | 27.47 |
| | | *For >50 To 100, Deduct* | *-59.06* | |
| | | *For >100, Deduct* | *-90.23* | |
| 10 51 26 00-0051 | EA | 18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 675.58 | 27.47 |
| | | *For >50 To 100, Deduct* | *-62.06* | |
| | | *For >100, Deduct* | *-94.74* | |
| 10 51 26 00-0052 | EA | 18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 705.64 | 27.47 |
| | | *For >50 To 100, Deduct* | *-65.07* | |
| | | *For >100, Deduct* | *-99.25* | |
| 10 51 26 00-0053 | EA | 12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 650.47 | 28.33 |
| | | *For >50 To 100, Deduct* | *-59.38* | |
| | | *For >100, Deduct* | *-90.77* | |
| 10 51 26 00-0054 | EA | 12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 680.54 | 28.33 |
| | | *For >50 To 100, Deduct* | *-62.39* | |
| | | *For >100, Deduct* | *-95.28* | |
| 10 51 26 00-0055 | EA | 12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 696.21 | 28.33 |
| | | *For >50 To 100, Deduct* | *-63.96* | |
| | | *For >100, Deduct* | *-97.63* | |
| 10 51 26 00-0056 | EA | 15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 689.50 | 28.33 |
| | | *For >50 To 100, Deduct* | *-63.28* | |
| | | *For >100, Deduct* | *-96.63* | |
| 10 51 26 00-0057 | EA | 15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 721.22 | 28.33 |
| | | *For >50 To 100, Deduct* | *-66.46* | |
| | | *For >100, Deduct* | *-101.38* | |
| 10 51 26 00-0058 | EA | 15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 752.91 | 28.33 |
| | | *For >50 To 100, Deduct* | *-69.63* | |
| | | *For >100, Deduct* | *-106.14* | |
| 10 51 26 00-0059 | EA | 18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 695.18 | 28.33 |
| | | *For >50 To 100, Deduct* | *-63.85* | |
| | | *For >100, Deduct* | *-97.48* | |
| 10 51 26 00-0060 | EA | 18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 761.86 | 28.33 |
| | | *For >50 To 100, Deduct* | *-70.52* | |
| | | *For >100, Deduct* | *-107.48* | |
| 10 51 26 00-0061 | EA | 18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) | 795.16 | 28.33 |
| | | *For >50 To 100, Deduct* | *-73.85* | |
| | | *For >100, Deduct* | *-112.47* | |

## 10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

| | | | | |
|---|---|---|---|---|
| 10 51 26 00-0063 | EA | 12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 534.03 | 28.33 |
| | | *For >50 To 100, Deduct* | *-47.74* | |
| | | *For >100, Deduct* | *-73.31* | |
| 10 51 26 00-0064 | EA | 15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 556.59 | 28.33 |
| | | *For >50 To 100, Deduct* | *-49.99* | |
| | | *For >100, Deduct* | *-76.69* | |
| 10 51 26 00-0065 | EA | 15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 577.28 | 28.33 |
| | | *For >50 To 100, Deduct* | *-52.06* | |
| | | *For >100, Deduct* | *-79.79* | |
| 10 51 26 00-0066 | EA | 12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 581.28 | 28.33 |
| | | *For >50 To 100, Deduct* | *-52.46* | |
| | | *For >100, Deduct* | *-80.39* | |
| 10 51 26 00-0067 | EA | 12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 629.49 | 28.33 |
| | | *For >50 To 100, Deduct* | *-57.28* | |
| | | *For >100, Deduct* | *-87.62* | |
| 10 51 26 00-0068 | EA | 12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 629.71 | 28.33 |
| | | *For >50 To 100, Deduct* | *-57.31* | |
| | | *For >100, Deduct* | *-87.66* | |
| 10 51 26 00-0069 | EA | 15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 656.01 | 28.33 |
| | | *For >50 To 100, Deduct* | *-59.94* | |
| | | *For >100, Deduct* | *-91.60* | |
| 10 51 26 00-0070 | EA | 15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 682.43 | 28.33 |
| | | *For >50 To 100, Deduct* | *-62.58* | |
| | | *For >100, Deduct* | *-95.57* | |
| 10 51 26 00-0071 | EA | 15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 708.82 | 28.33 |
| | | *For >50 To 100, Deduct* | *-65.22* | |
| | | *For >100, Deduct* | *-99.52* | |
| 10 51 26 00-0072 | EA | 18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 687.60 | 28.33 |
| | | *For >50 To 100, Deduct* | *-63.09* | |
| | | *For >100, Deduct* | *-96.34* | |
| 10 51 26 00-0073 | EA | 18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 715.51 | 28.33 |
| | | *For >50 To 100, Deduct* | *-65.89* | |
| | | *For >100, Deduct* | *-100.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 26 00-0074 | EA | 18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 743.42 | 28.33 |
| | | *For >50 To 100, Deduct* | *-68.68* | |
| | | *For >100, Deduct* | *-104.71* | |
| 10 51 26 00-0075 | EA | 12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 692.30 | 29.19 |
| | | *For >50 To 100, Deduct* | *-63.39* | |
| | | *For >100, Deduct* | *-96.84* | |
| 10 51 26 00-0076 | EA | 12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 720.23 | 29.19 |
| | | *For >50 To 100, Deduct* | *-66.19* | |
| | | *For >100, Deduct* | *-101.03* | |
| 10 51 26 00-0077 | EA | 12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 739.83 | 29.19 |
| | | *For >50 To 100, Deduct* | *-68.15* | |
| | | *For >100, Deduct* | *-103.97* | |
| 10 51 26 00-0078 | EA | 15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 728.54 | 29.19 |
| | | *For >50 To 100, Deduct* | *-67.02* | |
| | | *For >100, Deduct* | *-102.28* | |
| 10 51 26 00-0079 | EA | 15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 737.40 | 29.19 |
| | | *For >50 To 100, Deduct* | *-67.90* | |
| | | *For >100, Deduct* | *-103.61* | |
| 10 51 26 00-0080 | EA | 15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 769.30 | 29.19 |
| | | *For >50 To 100, Deduct* | *-71.09* | |
| | | *For >100, Deduct* | *-108.39* | |
| 10 51 26 00-0081 | EA | 18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 715.87 | 29.19 |
| | | *For >50 To 100, Deduct* | *-65.75* | |
| | | *For >100, Deduct* | *-100.38* | |
| 10 51 26 00-0082 | EA | 18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 780.74 | 29.19 |
| | | *For >50 To 100, Deduct* | *-72.24* | |
| | | *For >100, Deduct* | *-110.11* | |
| 10 51 26 00-0083 | EA | 18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®) | 826.66 | 29.19 |
| | | *For >50 To 100, Deduct* | *-76.83* | |
| | | *For >100, Deduct* | *-116.99* | |

## 10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 51 26 00-0085 | EA | 12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 621.35 | 29.19 |
| | | *For >50 To 100, Deduct* | *-56.30* | |
| | | *For >100, Deduct* | *-86.20* | |
| 10 51 26 00-0086 | EA | 12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 639.66 | 29.19 |
| | | *For >50 To 100, Deduct* | *-58.13* | |
| | | *For >100, Deduct* | *-88.94* | |
| 10 51 26 00-0087 | EA | 12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 673.41 | 29.19 |
| | | *For >50 To 100, Deduct* | *-61.50* | |
| | | *For >100, Deduct* | *-94.01* | |
| 10 51 26 00-0088 | EA | 15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 669.29 | 29.19 |
| | | *For >50 To 100, Deduct* | *-61.09* | |
| | | *For >100, Deduct* | *-93.39* | |
| 10 51 26 00-0089 | EA | 15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 713.02 | 29.19 |
| | | *For >50 To 100, Deduct* | *-65.47* | |
| | | *For >100, Deduct* | *-99.95* | |
| 10 51 26 00-0090 | EA | 15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 726.82 | 29.19 |
| | | *For >50 To 100, Deduct* | *-66.85* | |
| | | *For >100, Deduct* | *-102.02* | |
| 10 51 26 00-0091 | EA | 18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 719.97 | 29.19 |
| | | *For >50 To 100, Deduct* | *-66.16* | |
| | | *For >100, Deduct* | *-100.99* | |
| 10 51 26 00-0092 | EA | 18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 743.26 | 29.19 |
| | | *For >50 To 100, Deduct* | *-68.49* | |
| | | *For >100, Deduct* | *-104.48* | |
| 10 51 26 00-0093 | EA | 18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 810.39 | 29.19 |
| | | *For >50 To 100, Deduct* | *-75.20* | |
| | | *For >100, Deduct* | *-114.55* | |
| 10 51 26 00-0094 | EA | 12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 716.15 | 30.04 |
| | | *For >50 To 100, Deduct* | *-65.61* | |
| | | *For >100, Deduct* | *-100.21* | |
| 10 51 26 00-0095 | EA | 12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 748.61 | 30.04 |
| | | *For >50 To 100, Deduct* | *-68.85* | |
| | | *For >100, Deduct* | *-105.08* | |
| 10 51 26 00-0096 | EA | 12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 752.84 | 30.04 |
| | | *For >50 To 100, Deduct* | *-69.28* | |
| | | *For >100, Deduct* | *-105.72* | |
| 10 51 26 00-0097 | EA | 15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 793.74 | 30.04 |
| | | *For >50 To 100, Deduct* | *-73.37* | |
| | | *For >100, Deduct* | *-111.85* | |
| 10 51 26 00-0098 | EA | 15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 755.89 | 30.04 |
| | | *For >50 To 100, Deduct* | *-69.58* | |
| | | *For >100, Deduct* | *-106.17* | |
| 10 51 26 00-0099 | EA | 15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 790.19 | 30.04 |
| | | *For >50 To 100, Deduct* | *-73.01* | |
| | | *For >100, Deduct* | *-111.32* | |
| 10 51 26 00-0100 | EA | 18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 754.58 | 30.04 |
| | | *For >50 To 100, Deduct* | *-69.45* | |
| | | *For >100, Deduct* | *-105.98* | |
| 10 51 26 00-0101 | EA | 18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 795.67 | 30.04 |
| | | *For >50 To 100, Deduct* | *-73.56* | |
| | | *For >100, Deduct* | *-112.14* | |
| 10 51 26 00-0102 | EA | 18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) | 857.24 | 30.04 |
| | | *For >50 To 100, Deduct* | *-79.72* | |
| | | *For >100, Deduct* | *-121.38* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 51 26 00-0103** | | **Five Tier Solid Plastic Lockers** *(10 51 26 00-0001)* | | |
| 10 51 26 00-0104 | EA | 12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 676.24 | 29.62 |
| | | *For >50 To 100, Deduct* | *-61.70* | |
| | | *For >100, Deduct* | *-94.33* | |
| 10 51 26 00-0105 | EA | 12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 698.91 | 29.62 |
| | | *For >50 To 100, Deduct* | *-63.97* | |
| | | *For >100, Deduct* | *-97.73* | |
| 10 51 26 00-0106 | EA | 12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 721.58 | 29.62 |
| | | *For >50 To 100, Deduct* | *-66.24* | |
| | | *For >100, Deduct* | *-101.13* | |
| 10 51 26 00-0107 | EA | 15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 707.14 | 29.62 |
| | | *For >50 To 100, Deduct* | *-64.79* | |
| | | *For >100, Deduct* | *-98.96* | |
| 10 51 26 00-0108 | EA | 15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 747.75 | 29.62 |
| | | *For >50 To 100, Deduct* | *-68.85* | |
| | | *For >100, Deduct* | *-105.05* | |
| 10 51 26 00-0109 | EA | 15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 767.41 | 29.62 |
| | | *For >50 To 100, Deduct* | *-70.82* | |
| | | *For >100, Deduct* | *-108.00* | |
| 10 51 26 00-0110 | EA | 18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 760.55 | 29.62 |
| | | *For >50 To 100, Deduct* | *-70.13* | |
| | | *For >100, Deduct* | *-106.97* | |
| 10 51 26 00-0111 | EA | 18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 782.48 | 29.62 |
| | | *For >50 To 100, Deduct* | *-72.33* | |
| | | *For >100, Deduct* | *-110.26* | |
| 10 51 26 00-0112 | EA | 18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 853.71 | 29.62 |
| | | *For >50 To 100, Deduct* | *-79.45* | |
| | | *For >100, Deduct* | *-120.95* | |
| 10 51 26 00-0113 | EA | 12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 738.16 | 30.48 |
| | | *For >50 To 100, Deduct* | *-67.72* | |
| | | *For >100, Deduct* | *-103.41* | |
| 10 51 26 00-0114 | EA | 12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 763.58 | 30.48 |
| | | *For >50 To 100, Deduct* | *-70.26* | |
| | | *For >100, Deduct* | *-107.22* | |
| 10 51 26 00-0115 | EA | 12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 788.99 | 30.48 |
| | | *For >50 To 100, Deduct* | *-72.80* | |
| | | *For >100, Deduct* | *-111.03* | |
| 10 51 26 00-0116 | EA | 15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 780.10 | 30.48 |
| | | *For >50 To 100, Deduct* | *-71.92* | |
| | | *For >100, Deduct* | *-109.70* | |
| 10 51 26 00-0117 | EA | 15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 797.97 | 30.48 |
| | | *For >50 To 100, Deduct* | *-73.70* | |
| | | *For >100, Deduct* | *-112.38* | |
| 10 51 26 00-0118 | EA | 15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 824.74 | 30.48 |
| | | *For >50 To 100, Deduct* | *-76.38* | |
| | | *For >100, Deduct* | *-116.40* | |
| 10 51 26 00-0119 | EA | 18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 804.17 | 30.48 |
| | | *For >50 To 100, Deduct* | *-74.32* | |
| | | *For >100, Deduct* | *-113.31* | |
| 10 51 26 00-0120 | EA | 18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 834.87 | 30.48 |
| | | *For >50 To 100, Deduct* | *-77.39* | |
| | | *For >100, Deduct* | *-117.92* | |
| 10 51 26 00-0121 | EA | 18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®) | 870.50 | 30.48 |
| | | *For >50 To 100, Deduct* | *-80.96* | |
| | | *For >100, Deduct* | *-123.26* | |
| **10 51 26 00-0122** | | **Six Tier Solid Plastic Lockers** *(10 51 26 00-0001)* | | |
| 10 51 26 00-0123 | EA | 15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 780.70 | 30.04 |
| | | *For >50 To 100, Deduct* | *-72.06* | |
| | | *For >100, Deduct* | *-109.89* | |
| 10 51 26 00-0124 | EA | 12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 765.85 | 30.90 |
| | | *For >50 To 100, Deduct* | *-70.40* | |
| | | *For >100, Deduct* | *-107.46* | |
| 10 51 26 00-0125 | EA | 12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 791.23 | 30.90 |
| | | *For >50 To 100, Deduct* | *-72.94* | |
| | | *For >100, Deduct* | *-111.27* | |
| 10 51 26 00-0126 | EA | 12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 808.18 | 30.90 |
| | | *For >50 To 100, Deduct* | *-74.64* | |
| | | *For >100, Deduct* | *-113.81* | |
| 10 51 26 00-0127 | EA | 15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 842.02 | 30.90 |
| | | *For >50 To 100, Deduct* | *-78.02* | |
| | | *For >100, Deduct* | *-118.89* | |
| 10 51 26 00-0128 | EA | 15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 851.91 | 30.90 |
| | | *For >50 To 100, Deduct* | *-79.01* | |
| | | *For >100, Deduct* | *-120.37* | |
| 10 51 26 00-0129 | EA | 15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 858.96 | 30.90 |
| | | *For >50 To 100, Deduct* | *-79.72* | |
| | | *For >100, Deduct* | *-121.43* | |
| 10 51 26 00-0130 | EA | 18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 861.77 | 30.90 |
| | | *For >50 To 100, Deduct* | *-80.00* | |
| | | *For >100, Deduct* | *-121.85* | |
| 10 51 26 00-0131 | EA | 18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 892.81 | 30.90 |
| | | *For >50 To 100, Deduct* | *-83.10* | |
| | | *For >100, Deduct* | *-126.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 51 26 00-0132 | EA | 18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®) | 933.73 | 30.90 |
| | | *For >50 To 100, Deduct* | *-87.19* | |
| | | *For >100, Deduct* | *-132.64* | |
| 10 51 26 00-0133 | | Solid Plastic Locker Accessories *(10 51 26 00-0001)* | | |
| 10 51 26 00-0134 | | Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)* | | |
| | | Note: Price per frame. | | |
| 10 51 26 00-0135 | EA | Slope Top For Solid Plastic Lockers (Tufftec Lockers®) | 36.19 | |
| 10 51 26 00-0136 | | Recessed Bases For Solid Plastic Lockers *(10 51 26 00-0133)* | | |
| | | Note: Price per frame. | | |
| 10 51 26 00-0137 | EA | Recessed Base For Solid Plastic Lockers (Tufftec Lockers®) | 39.84 | |
| 10 51 26 00-0138 | | End Panels For Solid Plastic Lockers *(10 51 26 00-0133)* | | |
| | | Note: Price per frame. | | |
| 10 51 26 00-0139 | EA | End Panel For Solid Plastic Lockers (Tufftec Lockers®) | 92.97 | |
| 10 51 26 00-0140 | | Venting Options For Solid Plastic Locker Doors *(10 51 26 00-0133)* | | |
| | | Note: Price per frame. | | |
| 10 51 26 00-0141 | EA | Horizontal Venting Option For Solid Plastic Locker Doors | 36.64 | |
| 10 51 26 00-0142 | | Filler Panels For Solid Plastic Lockers *(10 51 26 00-0133)* | | |
| 10 51 26 00-0143 | EA | Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®)<br>Note: Full locker height. Width and height cut to size in the field. | 94.73 | |
| 10 51 26 00-0144 | | Locker Accessories For Solid Plastic Lockers *(10 51 26 00-0133)* | | |
| 10 51 26 00-0145 | EA | Built In Hasp For Solid Plastic Lockers<br>Note: For removable padlocks. Excludes padlock. | 9.15 | |
| 10 51 26 00-0146 | EA | Built In Combination Lock For Solid Plastic Lockers | 27.48 | |
| 10 51 26 00-0147 | EA | Built In Key Lock For Solid Plastic Lockers | 36.64 | |
| **10 51 53** | | **Locker Room Benches** *(10 51)* | | |
| 10 51 53 00-0001 | LF | 9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals | 117.26 | 4.30 |
| 10 51 53 00-0002 | LF | 9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals | 92.63 | 4.30 |
| 10 51 53 00-0003 | LF | 9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals | 144.02 | 4.30 |
| 10 51 53 00-0004 | LF | 9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals | 137.42 | 4.30 |
| 10 51 53 00-0005 | LF | 9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals | 105.69 | 4.30 |
| 10 55 | | Postal Specialties *(10 50)* | | |
| **10 55 23** | | **Mail Boxes** *(10 55)* | | |
| **10 55 23 23** | | **Residential Mail Boxes** *(10 55 23)* | | |
| 10 55 23 23-0001 | | Residential Mail Boxes *(10 55 23 23)* | | |
| 10 55 23 23-0002 | EA | 13" x 3-9/16" Satin Aluminum (Aluminum Body) Letter Slot With Interior Plate | 96.60 | 9.66 |
| | | *For Stainless Steel Sleeve, Add* | *22.58* | |
| 10 55 23 23-0003 | EA | 13" x 3-9/16" Bright Brass (Brass Body) Letter Slot With Interior Plate | 131.57 | 9.66 |
| | | *For Stainless Steel Sleeve, Add* | *22.58* | |
| 10 55 23 23-0004 | EA | Aluminum Or Galvanized Wall Mounted Mailbox | 76.37 | 8.59 |
| 10 55 23 23-0005 | EA | 20" x 8-3/4" x 6-7/8" Galvanized Steel Residential Rural Mailbox With 1-1/2" Post | 111.53 | 10.73 |
| **10 55 23 26** | | **Commercial Mail Boxes** *(10 55 23)* | | |
| 10 55 23 26-0001 | | Commercial Letter Boxes *(10 55 23 26)*<br>Note: Includes locks and keys unless provided by the United States Postal Service. | | |
| 10 55 23 26-0002 | EA | 15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU) | 349.71 | 12.88 |
| 10 55 23 26-0003 | EA | 15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP) | 405.25 | 12.88 |
| 10 55 23 26-0004 | | Commercial Horizontal Mail Boxes *(10 55 23 26)*<br>Note: Includes locks and keys unless provided by the United States Postal Service. | | |
| 10 55 23 26-0005 | BOX | 5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box | 66.67 | 12.88 |
| 10 55 23 26-0006 | BOX | 10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box | 144.58 | 17.16 |
| 10 55 23 26-0007 | BOX | 6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box | 87.29 | 10.73 |
| 10 55 23 26-0008 | BOX | 12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box | 135.46 | 17.16 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 55 23 26-0009 | | Commercial Cluster Mail Boxes *(10 55 23 26)*<br>Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation. | | |
| 10 55 23 26-0010 | EA | 13-15/16 Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDCBU5)<br>Note: Any door combination. | 1,814.72 | 25.76 |
| 10 55 23 26-0011 | EA | 26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDCBU8)<br>Note: Any door combination. | 2,148.45 | 34.34 |
| 10 55 23 26-0012 | EA | 30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8) | 2,842.42 | 34.34 |
| 10 55 23 26-0013 | EA | 30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12) | 2,934.98 | 34.34 |
| 10 55 23 26-0014 | EA | 30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16) | 3,073.82 | 34.34 |
| 10 55 23 26-0015 | | Commercial 4C Mail Boxes *(10 55 23 26)*<br>Note: Includes locks and keys unless provided by the United States Postal Service. | | |
| 10 55 23 26-0016 | EA | 31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09) | 1,518.85 | 34.34 |
| 10 55 23 26-0017 | EA | 31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15) | 2,690.15 | 34.34 |
| 10 55 23 26-0018 | EA | 31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19) | 2,801.22 | 34.34 |
| **10 55 26** | | **Parcel Lockers** ***(10 55)*** | | |
| 10 55 26 00-0001 | | Parcel Lockers *(10 55 26)* | | |
| 10 55 26 00-0002 | EA | 24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker<br>Note: Two compartments. | 1,345.04 | 25.76 |
| 10 55 26 00-0003 | EA | 48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker<br>Note: Two compartments. | 1,597.59 | 34.34 |
| 10 56 | | Storage Assemblies *(10 50)* | | |
| **10 56 13** | | **Metal Storage Shelving** ***(10 56)*** | | |
| **10 56 13 16** | | **Post-And-Shelf Metal Storage Shelving** ***(10 56 13)*** | | |
| 10 56 13 16-0001 | | Baked Enamel Steel Shelving *(10 56 13 16)* | | |
| 10 56 13 16-0002 | | 7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type *(10 56 13 16-0001)* | | |
| 10 56 13 16-0003 | LF | 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf | 148.64 | 19.24 |
| | | *For >75" To 87" High, Add* | *13.16* | |
| 10 56 13 16-0004 | LF | 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf | 148.58 | 20.20 |
| | | *For >75" To 87" High, Add* | *13.06* | |
| 10 56 13 16-0005 | LF | 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf | 141.99 | 22.13 |
| | | *For >75" To 87" High, Add* | *12.24* | |
| 10 56 13 16-0006 | LF | 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf | 181.94 | 24.04 |
| | | *For >75" To 87" High, Add* | *16.11* | |
| 10 56 13 16-0007 | LF | 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf | 204.36 | 25.01 |
| | | *For >75" To 87" High, Add* | *18.21* | |
| 10 56 13 16-0008 | LF | 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf | 196.19 | 26.94 |
| | | *For >75" To 87" High, Add* | *17.26* | |
| 10 56 13 16-0009 | LF | 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf | 218.40 | 28.85 |
| | | *For >75" To 87" High, Add* | *19.34* | |
| 10 56 13 16-0010 | | 3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed *(10 56 13 16-0001)*<br>Note: Adjustable shelves. | | |
| 10 56 13 16-0011 | LF | 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf | 108.52 | 9.81 |
| 10 56 13 16-0012 | LF | 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf | 107.08 | 10.49 |
| 10 56 13 16-0013 | LF | 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf | 120.51 | 11.15 |
| 10 56 13 16-0014 | LF | 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf | 125.24 | 11.83 |
| 10 56 13 16-0015 | LF | 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf | 144.62 | 12.60 |
| 10 56 13 16-0016 | | 4 Shelf Unit, 40" High Unit *(10 56 13 16-0001)* | | |
| 10 56 13 16-0017 | LF | 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf | 125.02 | 19.24 |
| 10 56 13 16-0018 | LF | 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf | 100.32 | 20.20 |
| 10 56 13 16-0019 | LF | 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf | 115.39 | 22.13 |
| 10 56 13 16-0020 | LF | 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf | 121.55 | 24.04 |
| 10 56 13 16-0021 | LF | 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf | 139.37 | 25.01 |
| **10 56 16** | | **Fabricated Wood Storage Shelving** ***(10 56)*** | | |
| 10 56 16 00-0001 | | Shelving *(10 56 16)* | | |
| 10 56 16 00-0002 | | Built-In Wood Shelving *(10 56 16 00-0001)*<br>Note: Priced by shelf area. Includes hardware and trim. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 56 16 00-0003 | SF | Built-in Wood Storage Shelving Post And Trimmed Plywood | 17.86 | 2.19 |
| | | *For Each SF Of Lumber Edge Band, Add* | *0.69* | |
| | | *For Each SF Of Prefinished Shelves, Add* | *2.32* | |
| 10 56 16 00-0004 | SF | Built-in Wood Storage Shelving Post And Solid Clear Pine | 19.25 | 2.62 |
| | | *For Each SF Of Lumber Edge Band, Add* | *0.69* | |
| | | *For Each SF Of Prefinished Shelves, Add* | *2.32* | |
| 10 56 16 00-0005 | SF | Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod | 19.54 | 4.37 |
| | | *For Each SF Of Lumber Edge Band, Add* | *0.69* | |
| | | *For Each SF Of Prefinished Shelves, Add* | *2.32* | |
| 10 56 16 00-0006 | | Wood Shelving, White Pine, Clear Grade, Wall Mounted *(10 56 16 00-0001)* | | |
| 10 56 16 00-0007 | LF | 1" x 8" White Pine Clear Grade Wood Shelving | 14.54 | 5.25 |
| 10 56 16 00-0008 | LF | 1" x 10" White Pine Clear Grade Wood Shelving | 16.05 | 5.59 |
| 10 56 16 00-0009 | LF | 1" x 12" White Pine Clear Grade Wood Shelving | 17.74 | 6.03 |
| 10 56 16 00-0010 | SF | Wood Shelving, 2" White Pine Clear Grade | 23.50 | |
| 10 56 16 00-0011 | | Plywood Shelf With Edge Band *(10 56 16 00-0001)* | | |
| 10 56 16 00-0012 | LF | 12" Wide, 3/4" Plywood Shelf With Edge Band | 18.35 | 5.25 |
| 10 56 16 00-0013 | LF | 24" Wide, 3/4" Plywood Shelf With Edge Band | 29.42 | 6.55 |
| 10 56 16 00-0014 | | Adjustable Shelf And Rod *(10 56 16 00-0001)* | | |
| 10 56 16 00-0015 | EA | 12" Wide Adjustable Shelf, 3' To 6' Long<br>Note: Including Rod | 176.13 | 19.66 |
| 10 56 16 00-0016 | EA | 12" Wide Adjustable Shelf, 5' To 8' Long<br>Note: Including Rod | 206.28 | 26.22 |
| 10 56 16 00-0017 | | Prefinished Wood Shelves With Brackets And Supports *(10 56 16 00-0001)* | | |
| 10 56 16 00-0018 | LF | Prefinished Wood Shelves, 8" Wide, With Brackets And Supports | 15.56 | 5.25 |
| 10 56 16 00-0019 | LF | Prefinished Wood Shelves, 10" Wide, With Brackets And Supports | 16.96 | 5.59 |
| 10 56 16 00-0020 | SF | Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards | 55.00 | 8.74 |
| 10 56 16 00-0021 | | Wood Shelving, Oak, Clear Grade, Wall Mounted *(10 56 16 00-0001)* | | |
| 10 56 16 00-0022 | LF | Wood Shelving, 1" X 8" Oak Clear Grade | 17.92 | 8.21 |
| **10 56 17** | | **Wall-Mounted Standards and Shelving** ***(10 56)*** | | |
| 10 56 17 00-0001 | | Galvanized Steel, Wall Mounted Solid Shelving *(10 56 17)*<br>Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking. | | |
| 10 56 17 00-0002 | LF | 8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving | 74.83 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0003 | LF | 10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving | 77.62 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0004 | LF | 12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving | 84.07 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0005 | LF | 16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving | 92.41 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0006 | LF | 18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving | 94.48 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0007 | LF | 24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving | 112.34 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0008 | | 304 Stainless Steel, Wall Mounted Solid Shelving *(10 56 17)*<br>Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking. | | |
| 10 56 17 00-0009 | LF | 8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving | 125.48 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0010 | LF | 10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving | 138.13 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0011 | LF | 12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving | 150.83 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0012 | LF | 16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving | 180.03 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0013 | LF | 18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving | 197.32 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0014 | LF | 24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving | 222.29 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

10 56 17 00-0015 Laminated Particleboard, Wall Mounted Solid Shelving *(10 56 17)*
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

| | | | | |
|---|---|---|---|---|
| 10 56 17 00-0016 | LF | 8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving | 48.53 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0017 | LF | 10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving | 50.42 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0018 | LF | 12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving | 52.70 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0019 | LF | 16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving | 56.00 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0020 | LF | 18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving | 60.00 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0021 | LF | 24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving | 70.76 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |

10 56 17 00-0022 Chrome Plated Steel, Wall Mounted Wire Shelving *(10 56 17)*
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

| | | | | |
|---|---|---|---|---|
| 10 56 17 00-0023 | LF | 14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving | 73.07 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0024 | LF | 18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving | 82.80 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |

10 56 17 00-0025 Stainless Steel, Wall Mounted Wire Shelving *(10 56 17)*
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

| | | | | |
|---|---|---|---|---|
| 10 56 17 00-0026 | LF | 14" Depth, Stainless Steel, Wall Mounted Wire Shelving | 178.85 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |
| 10 56 17 00-0027 | LF | 18" Depth, Stainless Steel, Wall Mounted Wire Shelving | 186.30 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *1.93* | |
| | | *For Installation On Concrete Block Walls, Add* | *2.68* | |

10 56 17 00-0028 Prefinished Hardwood Plywood, Wall Mounted Solid Shelving *(10 56 17)*
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

| | | | | |
|---|---|---|---|---|
| 10 56 17 00-0029 | LF | 8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving | 47.60 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *2.87* | |
| | | *For Installation On Concrete Block Walls, Add* | *3.62* | |
| 10 56 17 00-0030 | LF | 10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving | 48.76 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *2.89* | |
| | | *For Installation On Concrete Block Walls, Add* | *3.64* | |
| 10 56 17 00-0031 | LF | 12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving | 49.45 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *2.91* | |
| | | *For Installation On Concrete Block Walls, Add* | *3.66* | |
| 10 56 17 00-0032 | LF | 16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving | 52.19 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *2.95* | |
| | | *For Installation On Concrete Block Walls, Add* | *3.70* | |
| 10 56 17 00-0033 | LF | 18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving | 53.59 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *2.97* | |
| | | *For Installation On Concrete Block Walls, Add* | *3.72* | |
| 10 56 17 00-0034 | LF | 24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving | 57.79 | 8.58 |
| | | *For Installation On Concrete Walls, Add* | *3.03* | |
| | | *For Installation On Concrete Block Walls, Add* | *3.78* | |

10 56 17 00-0035 Wall Mounted Shelving Accessories *(10 56 17)*

| | | | | |
|---|---|---|---|---|
| 10 56 17 00-0036 | LF | Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit | 31.50 | |

## 10 57 Wardrobe And Closet Specialties *(10 50)*

### 10 57 13 Hat And Coat Racks *(10 57)*

10 57 13 00-0001 Hat And Coat Rack *(10 57 13)*

10 57 13 00-0002 Single Tier *(10 57 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 57 13 00-0003 | LF | Single Tier Hat And Coat Rack Baked Enameled Steel | 64.55 | 4.30 |
| | | *For Custom Made Units, Add* | *31.90* | |
| 10 57 13 00-0004 | LF | Single Tier Hat And Coat Rack Stainless Steel | 37.07 | 4.30 |
| | | *For Custom Made Units, Add* | *15.41* | |
| 10 57 13 00-0005 | LF | Single Tier Hat And Coat Rack Aluminum | 90.69 | 4.30 |
| | | *For Custom Made Units, Add* | *47.59* | |

10 57 13 00-0006 Double Tier *(10 57 13 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 57 13 00-0007 | LF | Double Tier Hat And Coat Rack Baked Enameled Steel | 87.49 | 4.30 |
| | | *For Custom Made Units, Add* | *44.06* | |
| 10 57 13 00-0008 | LF | Double Tier Hat And Coat Rack Stainless Steel | 41.67 | 4.30 |
| | | *For Custom Made Units, Add* | *16.56* | |
| 10 57 13 00-0009 | LF | Double Tier Hat And Coat Rack Aluminum | 153.93 | 4.30 |
| | | *For Custom Made Units, Add* | *83.92* | |

### 10 57 43 Wardrobe Units *(10 57)*

#### 10 57 43 00-0001 Dormitory Wardrobe Units *(10 57 43)*

| | | | | |
|---|---|---|---|---|
| 10 57 43 00-0002 | EA | 24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door | 1,796.70 | 158.98 |
| | | *For Custom Made Units, Add* | *966.74* | |
| 10 57 43 00-0003 | EA | 24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door | 1,362.34 | 158.98 |
| | | *For Custom Made Units, Add* | *706.13* | |

## 10 70 Exterior Specialties *(10)*

### 10 71 Exterior Protection *(10 70)*

#### 10 71 13 Exterior Sun Control Devices *(10 71)*

#### 10 71 13 13 Exterior Shutters *(10 71 13)*

##### 10 71 13 13-0001 Exterior Shutters, High Impact Resistant Plastic, Unfinished *(10 71 13 13)*

##### 10 71 13 13-0002 Louvered Decorative Shutters *(10 71 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0003 | PR | 15" x 25" Louvered Shutter, High Impact Resistant Plastic | 87.03 | 26.18 |
| | | *For Colored Finish, Add* | *9.38* | |
| 10 71 13 13-0004 | PR | 15" x 31" Louvered Shutter, High Impact Resistant Plastic | 94.39 | 27.49 |
| | | *For Colored Finish, Add* | *10.39* | |
| 10 71 13 13-0005 | PR | 15" x 36" Louvered Shutter, High Impact Resistant Plastic | 101.77 | 28.80 |
| | | *For Colored Finish, Add* | *11.41* | |
| 10 71 13 13-0006 | PR | 15" x 39" Louvered Shutter, High Impact Resistant Plastic | 108.51 | 30.11 |
| | | *For Colored Finish, Add* | *12.31* | |
| 10 71 13 13-0007 | PR | 15" x 43" Louvered Shutter, High Impact Resistant Plastic | 116.14 | 31.41 |
| | | *For Colored Finish, Add* | *13.37* | |
| 10 71 13 13-0008 | PR | 15" x 48" Louvered Shutter, High Impact Resistant Plastic | 124.10 | 32.73 |
| | | *For Colored Finish, Add* | *14.48* | |
| 10 71 13 13-0009 | PR | 15" x 52" Louvered Shutter, High Impact Resistant Plastic | 129.51 | 34.03 |
| | | *For Colored Finish, Add* | *15.14* | |
| 10 71 13 13-0010 | PR | 15" x 55" Louvered Shutter, High Impact Resistant Plastic | 135.51 | 35.34 |
| | | *For Colored Finish, Add* | *15.91* | |
| 10 71 13 13-0011 | PR | 15" x 60" Louvered Shutter, High Impact Resistant Plastic | 143.59 | 36.66 |
| | | *For Colored Finish, Add* | *17.05* | |
| 10 71 13 13-0012 | PR | 15" x 64" Louvered Shutter, High Impact Resistant Plastic | 154.40 | 37.96 |
| | | *For Colored Finish, Add* | *18.68* | |
| 10 71 13 13-0013 | PR | 15" x 67" Louvered Shutter, High Impact Resistant Plastic | 159.52 | 39.27 |
| | | *For Colored Finish, Add* | *19.29* | |
| 10 71 13 13-0014 | PR | 15" x 72" Louvered Shutter, High Impact Resistant Plastic | 173.11 | 40.58 |
| | | *For Colored Finish, Add* | *21.42* | |
| 10 71 13 13-0015 | PR | 15" x 75" Louvered Shutter, High Impact Resistant Plastic | 178.18 | 41.89 |
| | | *For Colored Finish, Add* | *22.02* | |
| 10 71 13 13-0016 | PR | 15" x 80" Louvered Shutter, High Impact Resistant Plastic | 187.62 | 43.19 |
| | | *For Colored Finish, Add* | *23.41* | |

##### 10 71 13 13-0017 Raised Panel Decorative Shutters *(10 71 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0018 | PR | 15" x 35" Raised Panel Shutter, High Impact Resistant Plastic | 122.77 | 28.80 |
| | | *For Colored Finish, Add* | *15.19* | |
| 10 71 13 13-0019 | PR | 15" x 39" Raised Panel Shutter, High Impact Resistant Plastic | 131.62 | 30.11 |
| | | *For Colored Finish, Add* | *16.47* | |
| 10 71 13 13-0020 | PR | 15" x 43" Raised Panel Shutter, High Impact Resistant Plastic | 137.42 | 31.41 |
| | | *For Colored Finish, Add* | *17.20* | |
| 10 71 13 13-0021 | PR | 15" x 47" Raised Panel Shutter, High Impact Resistant Plastic | 146.53 | 32.73 |
| | | *For Colored Finish, Add* | *18.52* | |
| 10 71 13 13-0022 | PR | 15" x 51" Raised Panel Shutter, High Impact Resistant Plastic | 154.34 | 34.03 |
| | | *For Colored Finish, Add* | *19.61* | |
| 10 71 13 13-0023 | PR | 15" x 55" Raised Panel Shutter, High Impact Resistant Plastic | 161.70 | 35.34 |
| | | *For Colored Finish, Add* | *20.62* | |
| 10 71 13 13-0024 | PR | 15" x 59" Raised Panel Shutter, High Impact Resistant Plastic | 171.71 | 36.66 |
| | | *For Colored Finish, Add* | *22.11* | |
| 10 71 13 13-0025 | PR | 15" x 63" Raised Panel Shutter, High Impact Resistant Plastic | 184.92 | 37.96 |
| | | *For Colored Finish, Add* | *24.18* | |
| 10 71 13 13-0026 | PR | 15" x 67" Raised Panel Shutter, High Impact Resistant Plastic | 194.17 | 39.27 |
| | | *For Colored Finish, Add* | *25.53* | |
| 10 71 13 13-0027 | PR | 15" x 71" Raised Panel Shutter, High Impact Resistant Plastic | 204.60 | 40.58 |
| | | *For Colored Finish, Add* | *27.09* | |
| 10 71 13 13-0028 | PR | 15" x 75" Raised Panel Shutter, High Impact Resistant Plastic | 208.02 | 41.89 |
| | | *For Colored Finish, Add* | *27.39* | |
| 10 71 13 13-0029 | PR | 15" x 81" Raised Panel Shutter, High Impact Resistant Plastic | 215.50 | 43.19 |
| | | *For Colored Finish, Add* | *28.42* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0030 | | Exterior Spanish Cedar Shutters *(10 71 13 13)* | | |
| 10 71 13 13-0031 | | 12" Width *(10 71 13 13-0030)* | | |
| 10 71 13 13-0032 | PR | 12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter | 384.67 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0033 | PR | 12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter | 415.58 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0034 | PR | 12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter | 444.76 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0035 | PR | 12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter | 475.68 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0036 | PR | 12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter | 504.87 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0037 | PR | 12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter | 538.07 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0038 | PR | 12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter | 567.25 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0039 | PR | 12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter | 596.43 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0040 | PR | 12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter | 627.36 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0041 | | 14" Width *(10 71 13 13-0030)* | | |
| 10 71 13 13-0042 | PR | 14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter | 407.53 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0043 | PR | 14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter | 443.01 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0044 | PR | 14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter | 476.78 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0045 | PR | 14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter | 512.26 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0046 | PR | 14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter | 546.01 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0047 | PR | 14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter | 581.51 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0048 | PR | 14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter | 615.25 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0049 | PR | 14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter | 646.72 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0050 | PR | 14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter | 682.22 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0051 | | 16" Width *(10 71 13 13-0030)* | | |
| 10 71 13 13-0052 | PR | 16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter | 432.67 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0053 | PR | 16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter | 470.44 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0054 | PR | 16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter | 508.78 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0055 | PR | 16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter | 546.55 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0056 | PR | 16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter | 584.88 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0057 | PR | 16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter | 624.94 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0058 | PR | 16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter | 660.97 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0059 | PR | 16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter | 699.30 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0060 | PR | 16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter | 739.37 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0061 | | 18" Width *(10 71 13 13-0030)* | | |
| 10 71 13 13-0062 | PR | 18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter | 455.53 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0063 | PR | 18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter | 497.89 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0064 | PR | 18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter | 540.78 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0065 | PR | 18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter | 583.13 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0066 | PR | 18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter | 623.73 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0067 | PR | 18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter | 668.38 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0068 | PR | 18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter | 708.98 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0069 | PR | 18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter | 751.88 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0070 | PR | 18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter | 794.24 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0071 | | 20" Width *(10 71 13 13-0030)* | | |
| 10 71 13 13-0072 | PR | 20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter | 478.39 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0073 | PR | 20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter | 525.31 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0074 | PR | 20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter | 570.50 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0075 | PR | 20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter | 619.70 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0076 | PR | 20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter | 664.89 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0077 | PR | 20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter | 711.81 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0078 | PR | 20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter | 756.98 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0079 | PR | 20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter | 802.17 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0080 | PR | 20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter | 849.10 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0081 | | Heavy Duty Exterior True Louver Shutters, Western Red Cedar *(10 71 13 13)* | | |
| 10 71 13 13-0082 | | 12" Width *(10 71 13 13-0081)* | | |
| 10 71 13 13-0083 | PR | 12" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar | 367.72 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0084 | PR | 12" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar | 391.62 | 27.49 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0085 | PR | 12" x 44" Louver Shutter, Heavy Duty Red Cedar | 426.59 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0086 | PR | 12" x 47" Louver Shutter, Heavy Duty Red Cedar | 450.48 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0087 | PR | 12" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar | 485.46 | 31.41 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0088 | PR | 12" x 56" Louver Shutter, Heavy Duty Red Cedar | 520.43 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0089 | PR | 12" x 59" Louver Shutter, Heavy Duty Red Cedar | 544.33 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0090 | PR | 12" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar | 579.30 | 35.34 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0091 | PR | 12" x 68" Louver Shutter, Heavy Duty Red Cedar | 614.28 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0092 | PR | 12" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar | 649.25 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0093 | PR | 12" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar | 673.15 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0094 | PR | 12" x 80" Louver Shutter, Heavy Duty Red Cedar | 708.13 | 40.58 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0095 | PR | 12" x 83" Louver Shutter, Heavy Duty Red Cedar | 732.04 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0096 | | 14" Width *(10 71 13 13-0081)* | | |
| 10 71 13 13-0097 | PR | 14" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar | 412.64 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0098 | PR | 14" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar | 440.23 | 27.49 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0099 | PR | 14" x 44" Louver Shutter, Heavy Duty Red Cedar | 480.73 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0100 | PR | 14" x 47" Louver Shutter, Heavy Duty Red Cedar | 508.33 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0101 | PR | 14" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar | 548.84 | 31.41 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0102 | PR | 14" x 56" Louver Shutter, Heavy Duty Red Cedar | 589.35 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0103 | PR | 14" x 59" Louver Shutter, Heavy Duty Red Cedar | 616.94 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0104 | PR | 14" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar | 657.45 | 35.34 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0105 | PR | 14" x 68" Louver Shutter, Heavy Duty Red Cedar | 697.97 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0106 | PR | 14" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar | 738.48 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0107 | PR | 14" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar | 766.07 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0108 | PR | 14" x 80" Louver Shutter, Heavy Duty Red Cedar | 806.59 | 40.58 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0109 | PR | 14" x 83" Louver Shutter, Heavy Duty Red Cedar | 834.17 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0110 | | 15" Width *(10 71 13 13-0081)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0111 | PR | 15" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar | 435.10 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0112 | PR | 15" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar | 464.54 | 27.49 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0113 | PR | 15" x 44" Louver Shutter, Heavy Duty Red Cedar | 507.81 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0114 | PR | 15" x 47" Louver Shutter, Heavy Duty Red Cedar | 537.26 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0115 | PR | 15" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar | 580.53 | 31.41 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0116 | PR | 15" x 56" Louver Shutter, Heavy Duty Red Cedar | 623.81 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0117 | PR | 15" x 59" Louver Shutter, Heavy Duty Red Cedar | 653.25 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0118 | PR | 15" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar | 696.53 | 35.34 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0119 | PR | 15" x 68" Louver Shutter, Heavy Duty Red Cedar | 739.81 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0120 | PR | 15" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar | 783.09 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0121 | PR | 15" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar | 812.53 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0122 | PR | 15" x 80" Louver Shutter, Heavy Duty Red Cedar | 855.82 | 40.58 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0123 | PR | 15" x 83" Louver Shutter, Heavy Duty Red Cedar | 885.25 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |

### 10 71 13 13-0124 16" Width *(10 71 13 13-0081)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0125 | PR | 16" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar | 457.56 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0126 | PR | 16" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar | 481.15 | 27.49 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0127 | PR | 16" x 44" Louver Shutter, Heavy Duty Red Cedar | 534.88 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0128 | PR | 16" x 47" Louver Shutter, Heavy Duty Red Cedar | 566.18 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0129 | PR | 16" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar | 612.22 | 31.41 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0130 | PR | 16" x 56" Louver Shutter, Heavy Duty Red Cedar | 658.27 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0131 | PR | 16" x 59" Louver Shutter, Heavy Duty Red Cedar | 689.56 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0132 | PR | 16" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar | 735.60 | 35.34 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0133 | PR | 16" x 68" Louver Shutter, Heavy Duty Red Cedar | 781.66 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0134 | PR | 16" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar | 827.70 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0135 | PR | 16" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar | 858.99 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0136 | PR | 16" x 80" Louver Shutter, Heavy Duty Red Cedar | 905.05 | 40.58 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0137 | PR | 16" x 83" Louver Shutter, Heavy Duty Red Cedar | 936.32 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |

### 10 71 13 13-0138 18" Width *(10 71 13 13-0081)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0139 | PR | 18" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar | 502.48 | 26.18 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0140 | PR | 18" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar | 537.46 | 27.49 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0141 | PR | 18" x 44" Louver Shutter, Heavy Duty Red Cedar | 589.03 | 28.80 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0142 | PR | 18" x 47" Louver Shutter, Heavy Duty Red Cedar | 624.02 | 30.11 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0143 | PR | 18" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar | 675.61 | 31.41 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0144 | PR | 18" x 56" Louver Shutter, Heavy Duty Red Cedar | 727.19 | 32.73 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0145 | PR | 18" x 59" Louver Shutter, Heavy Duty Red Cedar | 762.17 | 34.03 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0146 | PR | 18" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar | 813.75 | 35.34 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0147 | PR | 18" x 68" Louver Shutter, Heavy Duty Red Cedar | 865.35 | 36.66 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0148 | PR | 18" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar | 916.93 | 37.96 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0149 | PR | 18" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar | 951.91 | 39.27 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0150 | PR | 18" x 80" Louver Shutter, Heavy Duty Red Cedar | 1,003.50 | 40.58 |
| | | *For Arched Tops, Add* | *150.00* | |
| 10 71 13 13-0151 | PR | 18" x 83" Louver Shutter, Heavy Duty Red Cedar | 1,038.47 | 41.89 |
| | | *For Arched Tops, Add* | *150.00* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0152 | | Exterior Cypress Fixed Louver Wood Shutters *(10 71 13 13)* | | |
| 10 71 13 13-0153 | | 6" Through 8" Width *(10 71 13 13-0152)* | | |
| 10 71 13 13-0154 | PR | 6" Thru 8" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter | 458.11 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0155 | PR | 6" Thru 8" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter | 515.55 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0156 | PR | 6" Thru 8" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter | 573.16 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0157 | PR | 6" Thru 8" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter | 631.55 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0158 | PR | 6" Thru 8" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter | 689.96 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0159 | PR | 6" Thru 8" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter | 748.36 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0160 | PR | 6" Thru 8" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter | 806.75 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0161 | PR | 6" Thru 8" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter | 865.16 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0162 | PR | 6" Thru 8" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter | 923.57 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0163 | PR | 6" Thru 8" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter | 981.95 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0164 | PR | 6" Thru 8" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter | 1,040.36 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0165 | PR | 6" Thru 8" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter | 1,098.77 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0166 | PR | 6" Thru 8" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter | 1,157.18 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0167 | PR | 6" Thru 8" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter | 1,215.60 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0168 | | 10" Through 12" Width *(10 71 13 13-0152)* | | |
| 10 71 13 13-0169 | PR | 10" Thru 12" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter | 533.09 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0170 | PR | 10" Thru 12" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter | 600.60 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0171 | PR | 10" Thru 12" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter | 668.15 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0172 | PR | 10" Thru 12" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter | 736.56 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0173 | PR | 10" Thru 12" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter | 804.93 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0174 | PR | 10" Thru 12" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter | 873.35 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0175 | PR | 10" Thru 12" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter | 941.76 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0176 | PR | 10" Thru 12" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter | 1,010.14 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0177 | PR | 10" Thru 12" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter | 1,078.55 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0178 | PR | 10" Thru 12" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter | 1,146.96 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0179 | PR | 10" Thru 12" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter | 1,215.35 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0180 | PR | 10" Thru 12" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter | 1,283.75 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0181 | PR | 10" Thru 12" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter | 1,352.14 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0182 | PR | 10" Thru 12" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter | 1,420.55 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0183 | | 14" Through 16" Width *(10 71 13 13-0152)* | | |
| 10 71 13 13-0184 | PR | 14" Thru 16" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter | 699.73 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0185 | PR | 14" Thru 16" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter | 789.47 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0186 | PR | 14" Thru 16" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter | 879.21 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0187 | PR | 14" Thru 16" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter | 969.84 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0188 | PR | 14" Thru 16" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter | 1,060.44 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0189 | PR | 14" Thru 16" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter | 1,151.08 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0190 | PR | 14" Thru 16" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter | 1,241.70 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0191 | PR | 14" Thru 16" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter | 1,332.31 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0192 | PR | 14" Thru 16" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter | 1,334.06 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0193 | PR | 14" Thru 16" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter | 1,513.56 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0194 | PR | 14" Thru 16" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter | 1,604.19 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0195 | PR | 14" Thru 16" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter | 1,694.78 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0196 | PR | 14" Thru 16" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter | 1,785.41 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0197 | PR | 14" Thru 16" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter | 1,876.03 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0198 18" Through 20" Width *(10 71 13 13-0152)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0199 | PR | 18" Thru 20" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter | 783.03 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0200 | PR | 18" Thru 20" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter | 883.90 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0201 | PR | 18" Thru 20" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter | 984.75 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0202 | PR | 18" Thru 20" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter | 1,085.56 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0203 | PR | 18" Thru 20" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter | 1,188.20 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0204 | PR | 18" Thru 20" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter | 1,289.96 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0205 | PR | 18" Thru 20" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter | 1,391.67 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0206 | PR | 18" Thru 20" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter | 1,493.40 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0207 | PR | 18" Thru 20" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter | 1,595.13 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0208 | PR | 18" Thru 20" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter | 1,696.86 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0209 | PR | 18" Thru 20" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter | 1,798.58 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0210 | PR | 18" Thru 20" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter | 1,900.32 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0211 | PR | 18" Thru 20" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter | 2,002.04 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0212 | PR | 18" Thru 20" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter | 2,103.79 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0213 22" Through 24" Width *(10 71 13 13-0152)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0214 | PR | 22" Thru 24" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter | 1,033.00 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0215 | PR | 22" Thru 24" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter | 1,167.17 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0216 | PR | 22" Thru 24" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter | 1,301.38 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0217 | PR | 22" Thru 24" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter | 1,436.44 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0218 | PR | 22" Thru 24" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter | 1,571.47 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0219 | PR | 22" Thru 24" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter | 1,706.56 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0220 | PR | 22" Thru 24" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter | 1,841.60 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0221 | PR | 22" Thru 24" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter | 1,976.65 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0222 | PR | 22" Thru 24" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter | 2,111.72 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0223 | PR | 22" Thru 24" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter | 2,246.77 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0224 | PR | 22" Thru 24" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter | 2,381.82 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0225 | PR | 22" Thru 24" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter | 2,516.89 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0226 | PR | 22" Thru 24" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter | 2,651.94 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0227 | PR | 22" Thru 24" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter | 2,787.00 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0228 26" Through 28" Width *(10 71 13 13-0152)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0229 | PR | 26" Thru 28" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter | 1,182.97 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0230 | PR | 26" Thru 28" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter | 1,337.14 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0231 | PR | 26" Thru 28" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter | 1,491.35 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0232 | PR | 26" Thru 28" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter | 1,646.40 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0233 | PR | 26" Thru 28" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter | 1,801.44 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0234 | PR | 26" Thru 28" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter | 1,956.52 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0235 | PR | 26" Thru 28" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter | 2,111.57 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0236 | PR | 26" Thru 28" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter | 2,266.61 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0237 | PR | 26" Thru 28" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter | 2,421.69 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0238 | PR | 26" Thru 28" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter | 2,576.71 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0239 | PR | 26" Thru 28" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter | 2,731.76 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0240 | PR | 26" Thru 28" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter | 2,886.83 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0241 | PR | 26" Thru 28" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter | 3,041.88 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0242 | PR | 26" Thru 28" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter | 3,196.91 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0243 Pine Louvered Shutters *(10 71 13 13)*

### 10 71 13 13-0244 12" Width *(10 71 13 13-0243)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0245 | PR | 12" x 35" Pine Louvered Shutter | 263.11 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0246 | PR | 12" x 39" Pine Louvered Shutter | 274.52 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0247 | PR | 12" x 43" Pine Louvered Shutter | 285.79 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0248 | PR | 12" x 47" Pine Louvered Shutter | 297.13 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0249 | PR | 12" x 51" Pine Louvered Shutter | 308.42 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0250 | PR | 12" x 55" Pine Louvered Shutter | 319.75 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0251 | PR | 12" x 59" Pine Louvered Shutter | 331.11 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0252 | PR | 12" x 63" Pine Louvered Shutter | 342.52 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0253 | PR | 12" x 67" Pine Louvered Shutter | 353.86 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0254 | PR | 12" x 71" Pine Louvered Shutter | 365.21 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0255 | PR | 12" x 75" Pine Louvered Shutter | 376.55 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0256 14" Width *(10 71 13 13-0243)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0257 | PR | 14" x 35" Pine Louvered Shutter | 290.67 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0258 | PR | 14" x 39" Pine Louvered Shutter | 303.34 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0259 | PR | 14" x 43" Pine Louvered Shutter | 315.79 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0260 | PR | 14" x 47" Pine Louvered Shutter | 328.39 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0261 | PR | 14" x 51" Pine Louvered Shutter | 340.88 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0262 | PR | 14" x 55" Pine Louvered Shutter | 353.33 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0263 | PR | 14" x 59" Pine Louvered Shutter | 365.90 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0264 | PR | 14" x 63" Pine Louvered Shutter | 378.46 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0265 | PR | 14" x 67" Pine Louvered Shutter | 390.96 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0266 | PR | 14" x 71" Pine Louvered Shutter | 403.49 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0267 | PR | 14" x 75" Pine Louvered Shutter | 416.09 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0268 15" Width *(10 71 13 13-0243)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0269 | PR | 15" x 35" Pine Louvered Shutter | 304.13 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0270 | PR | 15" x 39" Pine Louvered Shutter | 317.26 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0271 | PR | 15" x 43" Pine Louvered Shutter | 330.43 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0272 | PR | 15" x 47" Pine Louvered Shutter | 343.52 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0273 | PR | 15" x 51" Pine Louvered Shutter | 356.67 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0274 | PR | 15" x 55" Pine Louvered Shutter | 369.80 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0275 | PR | 15" x 59" Pine Louvered Shutter | 382.95 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0276 | PR | 15" x 63" Pine Louvered Shutter | 396.05 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0277 | PR | 15" x 67" Pine Louvered Shutter | 409.16 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0278 | PR | 15" x 71" Pine Louvered Shutter | 422.26 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0279 | PR | 15" x 75" Pine Louvered Shutter | 435.42 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0280 | PR | 15" x 81" Pine Louvered Shutter | 454.25 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0281 | | 16" Width *(10 71 13 13-0243)* | | |
| 10 71 13 13-0282 | PR | 16" x 35" Pine Louvered Shutter | 316.95 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0283 | PR | 16" x 39" Pine Louvered Shutter | 331.19 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0284 | PR | 16" x 43" Pine Louvered Shutter | 345.53 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0285 | PR | 16" x 47" Pine Louvered Shutter | 359.85 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0286 | PR | 16" x 51" Pine Louvered Shutter | 374.18 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0287 | PR | 16" x 55" Pine Louvered Shutter | 388.49 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0288 | PR | 16" x 59" Pine Louvered Shutter | 402.72 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0289 | PR | 16" x 63" Pine Louvered Shutter | 417.08 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0290 | PR | 16" x 67" Pine Louvered Shutter | 431.39 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0291 | PR | 16" x 71" Pine Louvered Shutter | 445.72 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0292 | PR | 16" x 75" Pine Louvered Shutter | 460.03 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0293 | PR | 16" x 81" Pine Louvered Shutter | 474.27 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0294 | | 18" Width *(10 71 13 13-0243)* | | |
| 10 71 13 13-0295 | PR | 18" x 35" Pine Louvered Shutter | 345.15 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0296 | PR | 18" x 39" Pine Louvered Shutter | 363.62 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0297 | PR | 18" x 47" Pine Louvered Shutter | 395.34 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0298 | PR | 18" x 55" Pine Louvered Shutter | 427.13 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0299 | PR | 18" x 63" Pine Louvered Shutter | 458.90 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0300 | PR | 18" x 75" Pine Louvered Shutter | 527.78 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0301 | PR | 18" x 81" Pine Louvered Shutter | 547.22 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0302 | | Exterior Cedar Board N' Batten Wood Shutters *(10 71 13 13)* | | |
| 10 71 13 13-0303 | | 8" Through 14" Width *(10 71 13 13-0302)* | | |
| 10 71 13 13-0304 | PR | 8" Thru 14" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter | 522.65 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0305 | PR | 8" Thru 14" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter | 686.68 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0306 | PR | 8" Thru 14" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter | 687.56 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0307 | PR | 8" Thru 14" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter | 852.48 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0308 | PR | 8" Thru 14" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter | 854.22 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0309 | PR | 8" Thru 14" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter | 855.96 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0310 | PR | 8" Thru 14" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter | 1,020.87 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0311 | PR | 8" Thru 14" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter | 1,022.61 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0312 | PR | 8" Thru 14" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter | 1,024.36 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0313 | PR | 8" Thru 14" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter | 1,189.26 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0314 | PR | 8" Thru 14" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter | 1,191.01 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0315 | PR | 8" Thru 14" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter | 1,355.91 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0316 | PR | 8" Thru 14" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter | 1,357.66 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0317 | PR | 8" Thru 14" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter | 1,359.41 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0318 | PR | 8" Thru 14" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter | 1,361.16 | 41.89 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0319 15" Through 16" Width *(10 71 13 13-0302)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0320 | PR | 15" Thru 16" Width x Through 30" Height Cedar Board N' Batten Wood Shutter | 685.81 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0321 | PR | 15" Thru 16" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter | 686.68 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0322 | PR | 15" Thru 16" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter | 850.73 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0323 | PR | 15" Thru 16" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter | 852.48 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0324 | PR | 15" Thru 16" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter | 1,017.37 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0325 | PR | 15" Thru 16" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter | 1,019.13 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0326 | PR | 15" Thru 16" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter | 1,020.87 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0327 | PR | 15" Thru 16" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter | 1,185.77 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0328 | PR | 15" Thru 16" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter | 1,187.52 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0329 | PR | 15" Thru 16" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter | 1,352.42 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0330 | PR | 15" Thru 16" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter | 1,354.17 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0331 | PR | 15" Thru 16" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter | 1,519.08 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0332 | PR | 15" Thru 16" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter | 1,520.83 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0333 | PR | 15" Thru 16" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter | 1,685.74 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0334 | PR | 15" Thru 16" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter | 1,687.48 | 41.89 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0335 17" Through 18" Width *(10 71 13 13-0302)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0336 | PR | 17" Thru 18" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter | 685.81 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0337 | PR | 17" Thru 18" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter | 849.85 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0338 | PR | 17" Thru 18" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter | 850.73 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0339 | PR | 17" Thru 18" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter | 1,015.64 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0340 | PR | 17" Thru 18" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter | 1,017.37 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0341 | PR | 17" Thru 18" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter | 1,182.29 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0342 | PR | 17" Thru 18" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter | 1,184.03 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0343 | PR | 17" Thru 18" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter | 1,348.93 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0344 | PR | 17" Thru 18" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter | 1,350.68 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0345 | PR | 17" Thru 18" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter | 1,515.59 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0346 | PR | 17" Thru 18" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter | 1,517.34 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0347 | PR | 17" Thru 18" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter | 1,682.24 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0348 | PR | 17" Thru 18" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter | 1,683.99 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0349 | PR | 17" Thru 18" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter | 1,848.90 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0350 | PR | 17" Thru 18" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter | 1,850.64 | 41.89 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0351 19" Through 20" Width *(10 71 13 13-0302)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0352 | PR | 19" Thru 20" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter | 848.98 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0353 | PR | 19" Thru 20" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter | 849.85 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0354 | PR | 19" Thru 20" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter | 1,013.89 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0355 | PR | 19" Thru 20" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter | 1,015.64 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0356 | PR | 19" Thru 20" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter | 1,180.53 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0357 | PR | 19" Thru 20" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter | 1,182.29 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0358 | PR | 19" Thru 20" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter | 1,347.19 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0359 | PR | 19" Thru 20" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter | 1,512.10 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0360 | PR | 19" Thru 20" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter | 1,513.85 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0361 | PR | 19" Thru 20" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter | 1,678.75 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0362 | PR | 19" Thru 20" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter | 1,680.50 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0363 | PR | 19" Thru 20" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter | 1,845.40 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0364 | PR | 19" Thru 20" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter | 1,847.15 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0365 | PR | 19" Thru 20" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter | 2,012.07 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0366 | PR | 19" Thru 20" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter | 2,013.81 | 41.89 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0367 21" Through 22" Width *(10 71 13 13-0302)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0368 | PR | 21" Thru 22" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter | 848.98 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0369 | PR | 21" Thru 22" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter | 849.85 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0370 | PR | 21" Thru 22" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter | 1,013.89 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0371 | PR | 21" Thru 22" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter | 1,178.80 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0372 | PR | 21" Thru 22" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter | 1,180.53 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0373 | PR | 21" Thru 22" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter | 1,345.45 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0374 | PR | 21" Thru 22" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter | 1,347.19 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0375 | PR | 21" Thru 22" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter | 1,512.10 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0376 | PR | 21" Thru 22" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter | 1,677.01 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0377 | PR | 21" Thru 22" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter | 1,678.75 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0378 | PR | 21" Thru 22" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter | 1,843.66 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0379 | PR | 21" Thru 22" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter | 1,845.40 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0380 | PR | 21" Thru 22" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter | 2,010.32 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0381 | PR | 21" Thru 22" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter | 2,012.07 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0382 | PR | 21" Thru 22" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter | 2,013.81 | 41.89 |
| | | *For Arched Tops, Add* | *65.00* | |

### 10 71 13 13-0383 22" Through 24" Width *(10 71 13 13-0302)*

| | | | | |
|---|---|---|---|---|
| 10 71 13 13-0384 | PR | 22" Thru 24" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter | 848.98 | 24.88 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0385 | PR | 22" Thru 24" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter | 1,013.01 | 25.57 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0386 | PR | 22" Thru 24" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter | 1,013.89 | 26.18 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0387 | PR | 22" Thru 24" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter | 1,178.80 | 27.49 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0388 | PR | 22" Thru 24" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter | 1,343.69 | 28.80 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0389 | PR | 22" Thru 24" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter | 1,345.45 | 30.11 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0390 | PR | 22" Thru 24" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter | 1,510.36 | 31.41 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0391 | PR | 22" Thru 24" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter | 1,512.10 | 32.73 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0392 | PR | 22" Thru 24" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter | 1,677.01 | 34.03 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0393 | PR | 22" Thru 24" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter | 1,841.91 | 35.34 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0394 | PR | 22" Thru 24" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter | 1,843.66 | 36.66 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0395 | PR | 22" Thru 24" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter | 2,008.57 | 37.96 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0396 | PR | 22" Thru 24" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter | 2,010.32 | 39.27 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0397 | PR | 22" Thru 24" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter | 2,175.23 | 40.58 |
| | | *For Arched Tops, Add* | *65.00* | |
| 10 71 13 13-0398 | PR | 22" Thru 24" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter | 2,176.97 | 41.89 |
| | | *For Arched Tops, Add* | *65.00* | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 71 13 13-0399 | | Accessories *(10 71 13 13)* | | |
| 10 71 13 13-0400 | PR | Surface Mounted Pintel, Stainless Steel | 62.34 | |
| 10 71 13 13-0401 | PR | Lag Pintel, Stainless Steel | 62.34 | |
| 10 71 13 13-0402 | PR | 10" Strap Hinge, Stainless Steel | 94.71 | |
| 10 71 13 13-0403 | PR | 6" L-Hinge, Stainless Steel | 87.03 | |
| 10 71 13 13-0404 | PR | Hinge Set, Galvanized And Painted | 78.23 | |
| 10 71 13 13-0405 | PR | Acorn Holdback | 74.48 | |
| 10 71 13 13-0406 | PR | 'S' Holdback, Stainless Steel | 62.06 | |
| 10 71 13 13-0407 | PR | 'S' Holdback, Galvanized And Painted | 58.23 | |

## 10 73 Protective Covers *(10 70)*

### 10 73 13 Awnings *(10 73)*

### 10 73 13 13 Metal Awnings *(10 73 13)*

10 73 13 13-0001 Metal Awnings *(10 73 13 13)*
Note: Includes metal cover, frame supports and anchoring.

| | | | | |
|---|---|---|---|---|
| 10 73 13 13-0002 | SF | Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings | 52.69 | 7.87 |
| 10 73 13 13-0003 | SF | Baked Enamel Finish, Ribbed Aluminum Window Awning | 46.67 | 7.05 |
| 10 73 13 13-0004 | SF | Flat Roofed Steel Awning | 231.96 | 8.17 |
| | | Note: Per SF of covered area | | |
| 10 73 13 13-0005 | SF | Arched Roofed Steel Awning (Per SF Of Covered Area) | 239.30 | 9.20 |

### 10 73 13 23 Fabric Awnings *(10 73 13)*

10 73 13 23-0001 Canvas Awnings *(10 73 13 23)*
Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

| | | | | |
|---|---|---|---|---|
| 10 73 13 23-0002 | SF | Canvas Awning, Waterproof Fabric Tubular Metal Framing | 49.28 | 6.17 |
| 10 73 13 23-0003 | SF | Side Protection Canvas For Walkways (Per SF Of Wall Area) | 27.81 | 1.99 |
| 10 73 13 23-0004 | SF | Removal And Replacement Of Canvas For Awnings | 23.43 | |
| | | Note: Includes removal of existing canvas cover. | | |
| | | *For 18 Oz. Vinyl Laminated Polyester Cover, Add* | *0.83* | |

### 10 73 16 Canopies *(10 73)*

### 10 73 16 13 Metal Canopies *(10 73 16)*

10 73 16 13-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)*
Note: Includes cover, frame supports and anchoring.

| | | | | |
|---|---|---|---|---|
| 10 73 16 13-0002 | EA | 8' x 10' Canopy, Aluminum, Wall Hung | 4,793.69 | 446.37 |
| 10 73 16 13-0003 | EA | 8' x 20' Canopy, Aluminum, Wall Hung | 8,789.70 | 714.36 |
| 10 73 16 13-0004 | EA | 10' x 10' Canopy, Aluminum, Wall Hung | 5,909.14 | 558.51 |
| 10 73 16 13-0005 | EA | 10' x 20' Canopy, Aluminum, Wall Hung | 10,584.38 | 746.83 |

### 10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

### 10 73 26 13 Metal Walkway Coverings *(10 73 26)*

10 73 26 13-0001 Steel Walkway/Parking Covers *(10 73 26 13)*
Note: Factory applied polyester finish.

| | | | | |
|---|---|---|---|---|
| 10 73 26 13-0002 | SF | Flat Roofed Steel Walkway/Parking Cover | 113.43 | 6.23 |
| | | Note: Includes factory applied polyester finish. | | |
| | | *For Snow Load (30 PSF), Add* | *40.39* | |
| | | *For Wind Load (140 MPH), Add* | *50.49* | |
| 10 73 26 13-0003 | SF | Arch Roofed Steel Walkway/Parking Cover | 120.71 | 6.70 |
| | | Note: Includes factory applied polyester finish. | | |
| | | *For Snow Load (30 PSF), Add* | *42.92* | |
| | | *For Wind Load (140 MPH), Add* | *53.65* | |

10 73 26 13-0004 Aluminum Walkway/Parking Covers *(10 73 26 13)*

| | | | | |
|---|---|---|---|---|
| 10 73 26 13-0005 | SF | Flat Roofed Aluminum Walkway/Parking Cover | 45.39 | 6.23 |
| | | Note: Includes factory applied polyester finish. | | |
| | | *For Snow Load (30 PSF), Add* | *13.18* | |
| | | *For Wind Load (140 MPH), Add* | *16.47* | |
| 10 73 26 13-0006 | SF | Arch Roofed Aluminum Walkway/Parking Cover | 49.35 | 6.70 |
| | | Note: Includes factory applied polyester finish. | | |
| | | *For Snow Load (30 PSF), Add* | *14.38* | |
| | | *For Wind Load (140 MPH), Add* | *17.97* | |

## 10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

### 10 75 16 Ground-Set Flagpoles *(10 75)*

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles *(10 75 16)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 75 16 00-0002 | EA | 25' Exposed Height, Tapered White Fiberglass Flagpole<br>Note: 6" butt diameter, 3" top diameter and 0.180" wall. | 2,771.42 | 806.95 |
| | | *For Internal Halyard, Cam System, Add* | *300.00* | |
| | | *For Bronze Finish, Add* | *20.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0003 | EA | 30' Exposed Height, Tapered White Fiberglass Flagpole<br>Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall. | 2,972.86 | 880.32 |
| | | *For Internal Halyard, Cam System, Add* | *300.00* | |
| | | *For Bronze Finish, Add* | *50.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0004 | EA | 35' Exposed Height, Tapered White Fiberglass Flagpole<br>Note: 7" butt diameter, 3" top diameter and 0.200" wall. | 3,693.20 | 1,027.04 |
| | | *For Internal Halyard, Cam System, Add* | *300.00* | |
| | | *For Bronze Finish, Add* | *10.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0005 | EA | 40' Exposed Height, Tapered White Fiberglass Flagpole<br>Note: 7" butt diameter, 3" top diameter and 0.200" wall. | 4,274.64 | 1,173.76 |
| | | *For Internal Halyard, Cam System, Add* | *300.00* | |
| | | *For Bronze Finish, Add* | *50.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0006 | EA | 50' Exposed Height, Tapered White Fiberglass Flagpole<br>Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall. | 7,415.41 | 1,320.48 |
| | | *For Internal Halyard, Winch System, Add* | *1,700.00* | |
| | | *For Bronze Finish, Add* | *200.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0007 | EA | 60' Exposed Height, Tapered White Fiberglass Flagpole<br>Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall. | 8,763.99 | 1,467.20 |
| | | *For Internal Halyard, Winch System, Add* | *1,900.00* | |
| | | *For Bronze Finish, Add* | *160.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0008 | EA | 70' Exposed Height, Tapered White Fiberglass Flagpole<br>Note: 16" butt diameter, 7" top diameter and 0.325" wall. | 14,543.41 | 1,613.92 |
| | | *For Internal Halyard, Winch System, Add* | *2,860.00* | |
| | | *For Bronze Finish, Add* | *700.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0009 | EA | 78' Exposed Height, Tapered White Fiberglass Flagpole<br>Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall. | 18,643.09 | 1,760.64 |
| | | *For Internal Halyard, Winch System, Add* | *2,900.00* | |
| | | *For Bronze Finish, Add* | *900.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |

### 10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles *(10 75 16)*

Note: Heavy duty.

| | | | | |
|---|---|---|---|---|
| 10 75 16 00-0011 | EA | 20' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 5" butt diameter, 3" top diameter and 0.188" wall. | 2,789.19 | 733.60 |
| | | *For Internal Halyard, Winch System, Add* | *570.00* | |
| | | *For Clear Anodized Finish, Add* | *150.00* | |
| | | *For Bronze Anodized Finish, Add* | *180.00* | |
| | | *For Black Anodized Finish, Add* | *230.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0012 | EA | 25' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall. | 3,309.30 | 806.95 |
| | | *For Internal Halyard, Winch System, Add* | *1,100.00* | |
| | | *For Clear Anodized Finish, Add* | *200.00* | |
| | | *For Bronze Anodized Finish, Add* | *230.00* | |
| | | *For Black Anodized Finish, Add* | *320.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0013 | EA | 30' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall. | 3,670.73 | 880.32 |
| | | *For Internal Halyard, Winch System, Add* | *1,390.00* | |
| | | *For Clear Anodized Finish, Add* | *240.00* | |
| | | *For Bronze Anodized Finish, Add* | *290.00* | |
| | | *For Black Anodized Finish, Add* | *400.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0014 | EA | 35' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall. | 4,647.49 | 1,027.04 |
| | | *For Internal Halyard, Winch System, Add* | *1,340.00* | |
| | | *For Clear Anodized Finish, Add* | *290.00* | |
| | | *For Bronze Anodized Finish, Add* | *360.00* | |
| | | *For Black Anodized Finish, Add* | *480.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0015 | EA | 40' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall. | 5,730.03 | 1,173.76 |
| | | *For Internal Halyard, Winch System, Add* | *1,490.00* | |
| | | *For Clear Anodized Finish, Add* | *390.00* | |
| | | *For Bronze Anodized Finish, Add* | *480.00* | |
| | | *For Black Anodized Finish, Add* | *660.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0016 | EA | 45' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall. | 6,334.77 | 1,247.11 |
| | | *For Internal Halyard, Winch System, Add* | *1,340.00* | |
| | | *For Clear Anodized Finish, Add* | *400.00* | |
| | | *For Bronze Anodized Finish, Add* | *500.00* | |
| | | *For Black Anodized Finish, Add* | *700.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 75 16 00-0017 | EA | 50' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 10" butt diameter, 4" top diameter and 0.188" wall. | 7,923.34 | 1,320.48 |
| | | *For Internal Halyard, Winch System, Add* | *1,380.00* | |
| | | *For Clear Anodized Finish, Add* | *700.00* | |
| | | *For Bronze Anodized Finish, Add* | *860.00* | |
| | | *For Black Anodized Finish, Add* | *1,130.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0018 | EA | 60' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 12" butt diameter, 4" top diameter and 0.250" wall. | 13,459.51 | 1,467.20 |
| | | *For Internal Halyard, Winch System, Add* | *1,800.00* | |
| | | *For Clear Anodized Finish, Add* | *620.00* | |
| | | *For Bronze Anodized Finish, Add* | *820.00* | |
| | | *For Black Anodized Finish, Add* | *1,160.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0019 | EA | 70' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 12" butt diameter, 4" top diameter and 0.250" wall. | 14,732.47 | 1,613.92 |
| | | *For Internal Halyard, Winch System, Add* | *1,720.00* | |
| | | *For Clear Anodized Finish, Add* | *710.00* | |
| | | *For Bronze Anodized Finish, Add* | *950.00* | |
| | | *For Black Anodized Finish, Add* | *1,360.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 16 00-0020 | EA | 80' Exposed Height, Tapered Satin Aluminum Flagpole<br>Note: 12" butt diameter, 4" top diameter and 0.375" wall. | 18,385.64 | 1,760.64 |
| | | *For Internal Halyard, Winch System, Add* | *2,600.00* | |
| | | *For Clear Anodized Finish, Add* | *1,100.00* | |
| | | *For Bronze Anodized Finish, Add* | *1,380.00* | |
| | | *For Black Anodized Finish, Add* | *1,840.00* | |
| | | *For Rope Lock Box, Add* | *96.00* | |

### 10 75 16 00-0021 Flagpole Bases *(10 75 16)*

### 10 75 16 00-0022 Flagpole Concrete Base *(10 75 16 00-0021)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

| | | | | |
|---|---|---|---|---|
| 10 75 16 00-0023 | EA | 30' Or Less Flagpole, Poured Concrete Foundation | 1,230.42 | |
| 10 75 16 00-0024 | EA | 35' Flagpole, Poured Concrete Foundation | 1,272.33 | |
| 10 75 16 00-0025 | EA | 40' Flagpole, Poured Concrete Foundation | 1,463.63 | |
| 10 75 16 00-0026 | EA | 45' Flagpole, Poured Concrete Foundation | 1,548.36 | |
| 10 75 16 00-0027 | EA | 50' Flagpole, Poured Concrete Foundation | 1,855.57 | |
| 10 75 16 00-0028 | EA | 60' Flagpole, Poured Concrete Foundation | 2,247.90 | |
| 10 75 16 00-0029 | EA | 70' Flagpole, Poured Concrete Foundation | 2,659.72 | |
| 10 75 16 00-0030 | EA | 80' Flagpole, Poured Concrete Foundation | 3,095.38 | |
| 10 75 16 00-0031 | EA | 90' To 100' Flagpole, Poured Concrete Foundation | 3,611.81 | |

### 10 75 16 00-0032 Direct Embedded Flagpole Base *(10 75 16 00-0021)*

Note: Augured in place, no concrete required.

| | | | | |
|---|---|---|---|---|
| 10 75 16 00-0033 | EA | 20' To 25' Flagpole, Direct Embedded Pole Base | 597.55 | |
| 10 75 16 00-0034 | EA | 30' To 40' Flagpole, Direct Embedded Pole Base | 857.64 | |
| 10 75 16 00-0035 | EA | 45' To 55' Flagpole, Direct Embedded Pole Base | 957.62 | |
| 10 75 16 00-0036 | EA | 60' To 70' Flagpole, Direct Embedded Pole Base | 1,078.31 | |

### 10 75 16 00-0037 Flagpole Accessories *(10 75 16)*

### 10 75 16 00-0038 Flagpole Tops *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

| | | | | |
|---|---|---|---|---|
| 10 75 16 00-0039 | EA | 4" Gold Anodized Aluminum Ball For Top Of Flagpole | 102.62 | 36.51 |
| 10 75 16 00-0040 | EA | 5" Gold Anodized Aluminum Ball For Top Of Flagpole | 112.21 | 38.65 |
| 10 75 16 00-0041 | EA | 6" Gold Anodized Aluminum Ball For Top Of Flagpole | 126.02 | 40.80 |
| 10 75 16 00-0042 | EA | 8" Gold Anodized Aluminum Ball For Top Of Flagpole | 166.29 | 42.94 |
| 10 75 16 00-0043 | EA | 10" Gold Anodized Aluminum Ball For Top Of Flagpole | 221.36 | 45.09 |
| 10 75 16 00-0044 | EA | 12" Gold Anodized Aluminum Ball For Top Of Flagpole | 247.87 | 47.24 |
| 10 75 16 00-0045 | EA | 11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish | 225.66 | 47.24 |
| 10 75 16 00-0046 | EA | 15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish | 262.87 | 53.68 |

### 10 75 16 00-0047 Flagpole Accessories *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

| | | | | |
|---|---|---|---|---|
| 10 75 16 00-0048 | LF | 5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles | 1.22 | 0.06 |
| 10 75 16 00-0049 | LF | 5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles | 0.59 | 0.06 |
| 10 75 16 00-0050 | LF | 5/16" Diameter, Nylon Halyard (Rope) For Flagpoles | 0.45 | 0.06 |
| 10 75 16 00-0051 | LF | 3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles | 1.63 | 0.06 |
| 10 75 16 00-0052 | EA | Refinish Existing Flagpole Ball | 303.37 | 107.30 |
| 10 75 16 00-0053 | EA | Locking Aluminum Cleat Box For Flagpoles | 259.99 | 64.38 |
| 10 75 16 00-0054 | EA | Aluminum Cleat For Flagpoles | 22.01 | 4.30 |
| 10 75 16 00-0055 | LF | 1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles | 0.69 | 0.10 |

## 10 75 23 Wall-Mounted Flagpoles *(10 75)*

### 10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles *(10 75 23)*

Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.

| | | | | |
|---|---|---|---|---|
| 10 75 23 00-0002 | EA | 14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole | 1,890.00 | 643.51 |
| | | *For Rope Lock Box, Add* | *96.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 75 23 00-0003 | EA | 17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole | 2,050.44 | 707.86 |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 23 00-0004 | EA | 20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole | 2,221.45 | 772.21 |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 23 00-0005 | EA | 25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole | 2,574.07 | 900.91 |
| | | *For Rope Lock Box, Add* | *96.00* | |

### 10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles *(10 75 23)*

Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.

| | | | | |
|---|---|---|---|---|
| 10 75 23 00-0007 | EA | 10', Wall Mounted, Aluminum Outrigger Flagpole With Bracket | 2,470.08 | 579.16 |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 23 00-0008 | EA | 15', Wall Mounted, Aluminum Outrigger Flagpole With Bracket | 2,662.24 | 643.51 |
| | | *For Rope Lock Box, Add* | *96.00* | |
| 10 75 23 00-0009 | EA | 20', Wall Mounted, Aluminum Outrigger Flagpole With Bracket | 2,961.96 | 772.21 |
| | | *For Rope Lock Box, Add* | *96.00* | |

# 10 80 Other Specialties *(10)*

## 10 81 Pest Control Devices *(10 80)*

### 10 81 13 Bird Control Devices *(10 81)*

### 10 81 13 00-0001 Stainless Steel Spiked Bird Barrier *(10 81 13)*

Note: Stainless steel spikes with flexible polycarbonate base.

| | | | | |
|---|---|---|---|---|
| 10 81 13 00-0002 | LF | 2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System | 8.86 | 0.69 |
| 10 81 13 00-0003 | LF | 4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System | 10.70 | 0.69 |
| 10 81 13 00-0004 | LF | 8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System | 15.89 | 0.69 |

### 10 81 13 00-0005 Polycarbonate Spiked Bird Barrier *(10 81 13)*

Note: Polycarbonate spikes and base.

| | | | | |
|---|---|---|---|---|
| 10 81 13 00-0006 | LF | 3" Wide Polycarbonate Spikes And Base Bird Deterrent System | 8.14 | 0.69 |
| 10 81 13 00-0007 | LF | 5" Wide Polycarbonate Spikes And Base Bird Deterrent System | 9.87 | 0.69 |
| 10 81 13 00-0008 | LF | 8" Wide Polycarbonate Spikes And Base Bird Deterrent System | 11.75 | 0.69 |

### 10 81 13 00-0009 Spiked Gutter Or Girder Bird Barrier *(10 81 13)*

Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.

| | | | | |
|---|---|---|---|---|
| 10 81 13 00-0010 | LF | Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application | 9.52 | 0.69 |

### 10 81 13 00-0011 Coil Bird Barrier *(10 81 13)*

Note: Stainless steel coil.

| | | | | |
|---|---|---|---|---|
| 10 81 13 00-0012 | LF | 4" Diameter Stainless Steel Coil Bird Deterrent System | 6.50 | 0.69 |
| 10 81 13 00-0013 | LF | 5" Diameter Stainless Steel Coil Bird Deterrent System | 7.77 | 0.69 |

### 10 81 13 00-0014 Spider Bird Barrier *(10 81 13)*

Note: Stainless steel arms with various bases.

| | | | | |
|---|---|---|---|---|
| 10 81 13 00-0015 | EA | 2' Diameter Stainless Steel Spider Bird Deterrent System | 108.35 | 0.69 |
| 10 81 13 00-0016 | EA | 4' Diameter Stainless Steel Spider Bird Deterrent System | 162.00 | 0.69 |
| 10 81 13 00-0017 | EA | 8' Diameter Stainless Steel Spider Bird Deterrent System | 205.94 | 0.69 |

### 10 81 13 00-0018 Oriented Flexible Flame-resistant Netting *(10 81 13)*

Note: Includes stainless steel rings and plastic ties.

| | | | | |
|---|---|---|---|---|
| 10 81 13 00-0019 | SF | 1/8" x 1/8" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.83 | 0.27 |
| 10 81 13 00-0020 | SF | 1/4" x 1/4" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.80 | 0.27 |
| 10 81 13 00-0021 | SF | 1/2" x 1/2" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.76 | 0.27 |
| 10 81 13 00-0022 | SF | 3/4" x 3/4" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.73 | 0.27 |
| 10 81 13 00-0023 | SF | 1" x 1" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.73 | 0.27 |
| 10 81 13 00-0024 | SF | 1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.71 | 0.27 |
| 10 81 13 00-0025 | SF | 2" x 2" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.69 | 0.27 |
| 10 81 13 00-0026 | SF | 3" x 3" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.69 | 0.27 |
| 10 81 13 00-0027 | SF | 4" x 4" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.66 | 0.27 |
| 10 81 13 00-0028 | SF | 5/8" x 3/4" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.75 | 0.27 |
| 10 81 13 00-0029 | SF | 1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting<br>Note: To control bird and marine predators. | 0.70 | 0.27 |
| 10 81 13 00-0030 | EA | Poly Clips For Flexible Netting | 2.49 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **10 81 13 00-0031** | | **Netting Accessories** *(10 81 13)* | | |
| 10 81 13 00-0032 | EA | 2' Zipper For Flexible Netting | 7.95 | |
| 10 81 13 00-0033 | EA | 4' Zipper For Flexible Netting | 11.98 | |
| 10 81 13 00-0034 | EA | 6' Zipper For Flexible Netting | 14.09 | |
| 10 81 13 00-0035 | EA | 8' Zipper For Flexible Netting | 20.03 | |

## 10 86 Security Mirrors And Domes *(10 80)*

**10 86 00 00-0001 Dome Mirrors** *(10 86)*
Note: Includes all mounting hardware. Indoor or outdoor applications.

**10 86 00 00-0002 Steel Dome Mirrors** *(10 86 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 86 00 00-0003 | EA | 9" Diameter Full-Dome Steel Dome Mirror | 265.82 | 17.17 |
| 10 86 00 00-0004 | EA | 12" Diameter Full-Dome Steel Dome Mirror | 313.82 | 18.04 |
| 10 86 00 00-0005 | EA | 18" Diameter Full-Dome Steel Dome Mirror | 363.55 | 19.76 |
| 10 86 00 00-0006 | EA | 24" Diameter Full-Dome Steel Dome Mirror | 487.75 | 21.47 |
| 10 86 00 00-0007 | EA | 9" Diameter Half-Dome Steel Dome Mirror | 190.01 | 12.89 |
| 10 86 00 00-0008 | EA | 12" Diameter Half-Dome Steel Dome Mirror | 219.90 | 13.74 |
| 10 86 00 00-0009 | EA | 18" Diameter Half-Dome Steel Dome Mirror | 257.50 | 15.03 |
| 10 86 00 00-0010 | EA | 24" Diameter Half-Dome Steel Dome Mirror | 360.71 | 16.32 |

**10 86 00 00-0011 Plexiglas Dome Mirrors** *(10 86 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 86 00 00-0012 | EA | 18" Diameter Full-Dome Plexiglas Dome Mirror | 203.55 | 19.76 |
| 10 86 00 00-0013 | EA | 26" Diameter Full-Dome Plexiglas Dome Mirror | 290.50 | 21.47 |
| 10 86 00 00-0014 | EA | 32" Diameter Full-Dome Plexiglas Dome Mirror | 385.94 | 24.90 |
| 10 86 00 00-0015 | EA | 36" Diameter Full-Dome Plexiglas Dome Mirror | 466.69 | 30.06 |
| 10 86 00 00-0016 | EA | 48" Diameter Full-Dome Plexiglas Dome Mirror | 681.65 | 42.94 |
| 10 86 00 00-0017 | EA | 18" Diameter Half-Dome Plexiglas Dome Mirror | 123.25 | 15.03 |
| 10 86 00 00-0018 | EA | 26" Diameter Half-Dome Plexiglas Dome Mirror | 168.09 | 16.32 |
| 10 86 00 00-0019 | EA | 32" Diameter Half-Dome Plexiglas Dome Mirror | 222.76 | 18.90 |
| 10 86 00 00-0020 | EA | 36" Diameter Half-Dome Plexiglas Dome Mirror | 274.97 | 22.76 |
| 10 86 00 00-0021 | EA | 48" Diameter Half-Dome Plexiglas Dome Mirror | 438.78 | 32.21 |
| 10 86 00 00-0022 | EA | 18" Diameter Quarter-Dome Plexiglas Dome Mirror | 78.10 | 12.89 |
| 10 86 00 00-0023 | EA | 26" Diameter Quarter-Dome Plexiglas Dome Mirror | 101.40 | 14.17 |
| 10 86 00 00-0024 | EA | 32" Diameter Quarter-Dome Plexiglas Dome Mirror | 134.62 | 15.89 |
| 10 86 00 00-0025 | EA | 36" Diameter Quarter-Dome Plexiglas Dome Mirror | 168.21 | 18.90 |
| 10 86 00 00-0026 | EA | 48" Diameter Quarter-Dome Plexiglas Dome Mirror | 281.12 | 26.84 |

**10 86 00 00-0027 Coated Plexiglas Dome Mirrors** *(10 86 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 10 86 00 00-0028 | EA | 18" Diameter Full-Dome Coated Plexiglas Dome Mirror | 244.81 | 19.76 |
| 10 86 00 00-0029 | EA | 26" Diameter Full-Dome Coated Plexiglas Dome Mirror | 383.09 | 21.47 |
| 10 86 00 00-0030 | EA | 36" Diameter Full-Dome Coated Plexiglas Dome Mirror | 651.85 | 30.06 |
| 10 86 00 00-0031 | EA | 48" Diameter Full-Dome Coated Plexiglas Dome Mirror | 1,005.69 | 42.94 |
| 10 86 00 00-0032 | EA | 18" Diameter Half-Dome Coated Plexiglas Dome Mirror | 157.87 | 15.03 |
| 10 86 00 00-0033 | EA | 26" Diameter Half-Dome Coated Plexiglas Dome Mirror | 237.94 | 16.32 |
| 10 86 00 00-0034 | EA | 36" Diameter Half-Dome Coated Plexiglas Dome Mirror | 377.62 | 22.76 |
| 10 86 00 00-0035 | EA | 48" Diameter Half-Dome Coated Plexiglas Dome Mirror | 627.98 | 32.21 |
| 10 86 00 00-0036 | EA | 18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror | 113.73 | 12.89 |
| 10 86 00 00-0037 | EA | 26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror | 161.38 | 14.17 |
| 10 86 00 00-0038 | EA | 32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror | 210.30 | 15.89 |
| 10 86 00 00-0039 | EA | 36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror | 271.26 | 18.90 |
| 10 86 00 00-0040 | EA | 48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror | 426.03 | 26.84 |

**10 86 00 00-0041 Circular Convex Security Mirrors** *(10 86)*
Note: Includes all mounting hardware.

**10 86 00 00-0042 Plexiglas Circular Convex Mirrors** *(10 86 00 00-0041)*
Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

| | | | | |
|---|---|---|---|---|
| 10 86 00 00-0043 | EA | 12" Diameter Plexiglas Circular Convex Mirrors, Indoor | 83.85 | 13.74 |
| 10 86 00 00-0044 | EA | 18" Diameter Plexiglas Circular Convex Mirrors, Indoor | 110.37 | 15.03 |
| 10 86 00 00-0045 | EA | 26" Diameter Plexiglas Circular Convex Mirrors, Indoor | 170.31 | 16.32 |
| 10 86 00 00-0046 | EA | 30" Diameter Plexiglas Circular Convex Mirrors, Indoor | 213.50 | 18.90 |
| 10 86 00 00-0047 | EA | 36" Diameter Plexiglas Circular Convex Mirrors, Indoor | 285.03 | 22.76 |
| 10 86 00 00-0048 | EA | 48" Diameter Plexiglas Circular Convex Mirrors, Indoor | 507.21 | 32.21 |
| 10 86 00 00-0049 | EA | 18" Diameter Plexiglas Circular Convex Mirrors, Outdoor | 144.38 | 15.03 |
| 10 86 00 00-0050 | EA | 26" Diameter Plexiglas Circular Convex Mirrors, Outdoor | 210.56 | 16.32 |
| 10 86 00 00-0051 | EA | 36" Diameter Plexiglas Circular Convex Mirrors, Outdoor | 301.13 | 22.76 |
| 10 86 00 00-0052 | EA | 48" Diameter Plexiglas Circular Convex Mirrors, Outdoor | 555.52 | 32.21 |

**10 86 00 00-0053 Coated Plexiglas Circular Convex Mirrors** *(10 86 00 00-0041)*
Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

| | | | | |
|---|---|---|---|---|
| 10 86 00 00-0054 | EA | 18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor | 175.78 | 15.03 |
| 10 86 00 00-0055 | EA | 26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor | 280.20 | 16.32 |
| 10 86 00 00-0056 | EA | 30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor | 377.94 | 18.90 |
| 10 86 00 00-0057 | EA | 36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor | 472.21 | 22.76 |
| 10 86 00 00-0058 | EA | 48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor | 686.34 | 32.21 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 10 86 00 00-0059 | EA | 18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor | 212.61 | 15.03 |
| 10 86 00 00-0060 | EA | 26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor | 332.53 | 16.32 |
| 10 86 00 00-0061 | EA | 30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor | 464.48 | 18.90 |
| 10 86 00 00-0062 | EA | 36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor | 524.54 | 22.76 |
| 10 86 00 00-0063 | EA | 48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor | 833.27 | 32.21 |
| 10 86 00 00-0064 | | Security Mirrors *(10 86)* | | |
| 10 86 00 00-0065 | EA | 10" x 14" Framed Stainless Steel Replacement Mirror | 107.29 | 28.66 |
| 10 86 00 00-0066 | EA | 8" x 10" Framed Stainless Steel Mirror With Mounting Plate | 79.32 | 28.66 |
| 10 86 00 00-0067 | EA | 10" x 14" Framed Stainless Steel Mirror With Mounting Plate | 85.68 | 28.66 |
| 10 86 00 00-0068 | EA | 16" x 20" Unframed Stainless Steel Mirror With Mounting Screws | 132.26 | 23.89 |
| 10 86 00 00-0069 | EA | 8" x 10" Framed Stainless Steel Replacement Mirror | 74.65 | 28.66 |

**END OF SECTION 10**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 11 Equipment

## 11 01 Operation and Maintenance of Equipment *(11)*

### 11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment *(11 01)*

#### 11 01 10 13 Operation and Maintenance of Parking Equipment *(11 01 10)*

##### 11 01 10 13-0001 Replacement Parking Equipment *(11 01 10 13)*

| | | | | |
|---|---|---|---|---|
| 11 01 10 13-0002 | EA | 10' Wood Arm Replacement With Bolts | 532.87 | |
| 11 01 10 13-0003 | EA | 12' Wood Arm Replacement With Bolts | 556.55 | |
| 11 01 10 13-0004 | EA | 14' Wood Arm Replacement With Bolts | 583.81 | |
| 11 01 10 13-0005 | EA | 12' Aluminum Arm Replacement With Bolts | 778.88 | |
| 11 01 10 13-0006 | EA | 14' Aluminum Arm Replacement With Bolts | 804.37 | |
| 11 01 10 13-0007 | EA | 16' Aluminum Arm Replacement With Bolts | 1,141.09 | |
| 11 01 10 13-0008 | EA | 18' Aluminum Arm Replacement With Bolts | 1,157.51 | |
| 11 01 10 13-0009 | EA | 20' Aluminum Arm Replacement With Bolts | 1,189.28 | |
| 11 01 10 13-0010 | EA | 22' Aluminum Arm Replacement With Bolts | 1,368.11 | |
| 11 01 10 13-0011 | EA | 24' Aluminum Arm Replacement With Bolts | 1,390.43 | |

## 11 10 Vehicle and Pedestrian Equipment *(11)*

### 11 11 Vehicle Service Equipment *(11 10)*

#### 11 11 19 Vehicle Lubrication Equipment *(11 11)*

##### 11 11 19 00-0001 Reels *(11 11 19)*

| | | | | |
|---|---|---|---|---|
| 11 11 19 00-0002 | EA | 1/4" x 50' Hose, Grease Reel (Alemite 8078-B) | 1,041.39 | 139.34 |
| 11 11 19 00-0003 | EA | 1/2" x 50' Hose, Oil Reel (Alemite 8078-D) | 1,016.49 | 139.34 |
| 11 11 19 00-0004 | EA | 3/8" x 50' Hose, Air Or Water Reel (Alemite 8078-F) | 895.13 | 139.34 |
| 11 11 19 00-0005 | EA | 1/2" x 50' Hose, Air Or Water Reel (Alemite 8078-M) | 992.07 | 139.34 |

##### 11 11 19 00-0006 Air Operated Powered Pumps *(11 11 19)*

Note: Excludes air compressor.

| | | | | |
|---|---|---|---|---|
| 11 11 19 00-0007 | EA | 1", Oil, Air Operated Diaphragm Pump (Alemite 8323) | 1,557.26 | 185.79 |
| 11 11 19 00-0008 | EA | 1", Antifreeze, Air Operatied Diaphragm Pump (Alemite 8325)<br>Note: UL listed. | 1,721.11 | 185.79 |
| 11 11 19 00-0009 | EA | 5:1 Air Operated Oil Pump (Alemite 9968) | 1,391.34 | 185.79 |
| 11 11 19 00-0010 | EA | 50:1 High Pressure Grease Pump For 400 LB Drum (Alemite 9979-A)<br>Note: Includes pump, drum cover and follower plate. | 1,567.77 | 92.89 |

##### 11 11 19 00-0011 Pumping Unit Accessories *(11 11 19)*

| | | | | |
|---|---|---|---|---|
| 11 11 19 00-0012 | EA | Rigid Extension, Digital Oil Meter (Alemite 3670) | 554.31 | 34.84 |
| 11 11 19 00-0013 | EA | Flexible Extension, Digital Meter (Alemite 3671) | 554.31 | 34.84 |
| 11 11 19 00-0014 | EA | Manual, Non-Drip Tip, Flexible, Digital Oil Meter (Alemite 3671-B) | 554.31 | 34.84 |
| 11 11 19 00-0015 | EA | Grease Control Handle (Alemite 6320-A) | 305.72 | 34.84 |
| 11 11 19 00-0016 | EA | 150 PSI Filter/Regulator (Alemite 7936) | 170.41 | 34.84 |
| 11 11 19 00-0017 | EA | Z Type Grease Swivel (Alemite B331107) | 108.96 | 11.61 |
| 11 11 19 00-0018 | EA | Suction Hose Assembly (Parker T605-84) | 258.97 | 46.45 |
| 11 11 19 00-0019 | EA | Unistrut Reel Brackets | 218.80 | 9.29 |
| 11 11 19 00-0020 | EA | Large, Diaphragm Pump, Wall Mount Bracket (Alemite 343173) | 302.39 | 34.84 |

#### 11 11 36 Vehicle Charging Equipment *(11 11)*

#### 11 11 36 13 Commercial Electric Vehicle Charging Unit *(11 11 36)*

##### 11 11 36 13-0001 Electric Vehicle Charging Stations (GE) *(11 11 36 13)*

Note: Available with RFID (Radio Frequency Identification) reader.

| | | | | |
|---|---|---|---|---|
| 11 11 36 13-0002 | EA | Single Pedestal Electric Vehicle Charging Station Without RFID (GE EVSN3)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 3,704.69 | 135.37 |
| 11 11 36 13-0003 | EA | Double Pedestal Electric Vehicle Charging Station Without RFID (GE EVDN3)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 6,578.07 | 180.49 |
| 11 11 36 13-0004 | EA | Single Pedestal Electric Vehicle Charging Station With RFID (GE EVSRN3)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 6,865.94 | 135.37 |
| 11 11 36 13-0005 | EA | Double Pedestal Electric Vehicle Charging Station With RFID (GE EVDRN3)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 11,726.54 | 180.49 |
| 11 11 36 13-0006 | EA | Single Pole Mounted Electric Vehicle Charging Station Without RFID (GE EVPN3)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole. | 3,236.25 | 67.68 |
| 11 11 36 13-0007 | EA | Single Pole Mounted Electric Vehicle Charging Station With RFID (GE EVPRN3)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole. | 6,278.99 | 67.68 |
| 11 11 36 13-0008 | EA | Single Wall Mounted Electric Vehicle Charging Station Without RFID (GE EVWN3)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 3,128.79 | 90.25 |
| 11 11 36 13-0009 | EA | Single Wall Mounted Electric Vehicle Charging Station With RFID (GE EVWRN3)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 6,053.01 | 90.25 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 11 36 13-0010** | | **Electric Vehicle Charging Stations (AeroVironment)** *(11 11 36 13)*<br>Note: Can be configured as Level 1 (16 Amps, 120 VAC) or Level 2 (16 Amps, 240 VAC). | | |
| 11 11 36 13-0011 | EA | Module Electric Vehicle Charging Station (AeroVironment TurboDock Module)<br>Note: Includes charging station only. Excludes mounting bracket or pedestal. | 2,527.88 | 45.12 |
| 11 11 36 13-0012 | EA | Single Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)<br>Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules. | 3,610.11 | 90.25 |
| 11 11 36 13-0013 | EA | Dual Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)<br>Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules. | 6,047.74 | 112.80 |
| 11 11 36 13-0014 | EA | Single Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)<br>Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules. | 3,790.60 | 135.37 |
| 11 11 36 13-0015 | EA | Dual Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)<br>Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules. | 6,228.23 | 157.93 |
| 11 11 36 13-0016 | EA | Triple Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)<br>Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules. | 8,665.87 | 180.49 |
| 11 11 36 13-0017 | EA | Quad Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)<br>Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules. | 11,103.50 | 203.05 |
| **11 11 36 13-0018** | | **Electric Vehicle Charging Stations (Leviton)** *(11 11 36 13)* | | |
| 11 11 36 13-0019 | EA | Single Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG1-000)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 4,085.75 | 90.25 |
| | | *For Bollard Body (Leviton CPMBX-000), Add* | *2,621.68* | |
| | | *For Bollard Cap (Leviton CPCAP-B), Add* | *240.93* | |
| | | *For Wall Mounting Body (Leviton CPMEX-000), Add* | *1,811.94* | |
| | | *For Wall Mounting Cap (Leviton CPCAP-W), Add* | *240.93* | |
| | | *For Cord Management Kit (Leviton CPCBX-000), Add* | *1,652.27* | |
| 11 11 36 13-0020 | EA | Single Port, Electric Vehicle Charging Station, Non-Gateway LAN (Leviton evr-green® 4000 CPHD1-000)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 3,261.57 | 90.25 |
| | | *For Bollard Body (Leviton CPMBX-000), Add* | *2,621.68* | |
| | | *For Bollard Cap (Leviton CPCAP-B), Add* | *240.93* | |
| | | *For Wall Mounting Body (Leviton CPMEX-000), Add* | *1,811.94* | |
| | | *For Wall Mounting Cap (Leviton CPCAP-W), Add* | *240.93* | |
| | | *For Cord Management Kit (Leviton CPCBX-000), Add* | *1,652.27* | |
| 11 11 36 13-0021 | EA | Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG2-000)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 8,020.80 | 112.80 |
| | | *For Bollard Body (Leviton CPMBX-000), Add* | *2,621.68* | |
| | | *For Bollard Cap (Leviton CPCAP-B), Add* | *240.93* | |
| | | *For Wall Mounting Body (Leviton CPMEX-000), Add* | *1,811.94* | |
| | | *For Wall Mounting Cap (Leviton CPCAP-W), Add* | *240.93* | |
| | | *For Cord Management Kit (Leviton CPCBX-000), Add* | *1,652.27* | |
| 11 11 36 13-0022 | EA | Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHD2-000)<br>Note: 208 to 240 volt, 30 amperes, 1 phase. | 7,193.95 | 112.80 |
| | | *For Bollard Body (Leviton CPMBX-000), Add* | *2,621.68* | |
| | | *For Bollard Cap (Leviton CPCAP-B), Add* | *240.93* | |
| | | *For Wall Mounting Body (Leviton CPMEX-000), Add* | *1,811.94* | |
| | | *For Wall Mounting Cap (Leviton CPCAP-W), Add* | *240.93* | |
| | | *For Cord Management Kit (Leviton CPCBX-000), Add* | *1,652.27* | |
| 11 11 36 13-0023 | EA | Bollard Mounting Body For Charging Station (Leviton CPMBX-000) | 2,982.67 | 135.37 |
| | | *For Cap, Add* | *240.93* | |
| 11 11 36 13-0024 | EA | Wall Mounting Body For Charging Station (Leviton CPMEX-000) | 2,172.93 | 135.37 |
| | | *For Cap, Add* | *240.93* | |
| 11 11 36 13-0025 | EA | Cord Management Kit For Charging Station (Leviton CPCBX-000) | 1,832.76 | 90.25 |
| | | *For Cap, Add* | *240.93* | |

## 11 12 Parking Control Equipment *(11 10)*

### 11 12 16 Parking Ticket Dispensers *(11 12)*

| | | | | |
|---|---|---|---|---|
| **11 12 16 00-0001** | | **Parking Ticket Dispensers** *(11 12 16)* | | |
| 11 12 16 00-0002 | EA | Standard Parking Ticket Dispenser With Time/Date Stamp | 10,152.37 | 198.34 |
| 11 12 16 00-0003 | EA | Rate Computing Parking Ticket Dispenser With Printer | 13,664.36 | 198.34 |

### 11 12 23 Parking Meters *(11 12)*

| | | | | |
|---|---|---|---|---|
| **11 12 23 00-0001** | | **Parking Meters** *(11 12 23)* | | |
| 11 12 23 00-0002 | EA | Removal Of Parking Meter For Replacement Or Reinstall Existing Meter | 171.77 | |

### 11 12 26 Parking Fee Collection Equipment *(11 12)*

#### 11 12 26 13 Parking Fee Coin Collection Equipment *(11 12 26)*

| | | | | |
|---|---|---|---|---|
| **11 12 26 13-0001** | | **Parking Fee Collection Equipment** *(11 12 26 13)* | | |
| 11 12 26 13-0002 | EA | Multiple Station Slot Box For Parking Fee Collection | 2,412.82 | 67.21 |

### 11 12 33 Parking Gates *(11 12)*

#### 11 12 33 13 Lift Arm Parking Gates *(11 12 33)*

| | | | | |
|---|---|---|---|---|
| **11 12 33 13-0001** | | **Barrier Parking Gate Operators** *(11 12 33 13)* | | |
| **11 12 33 13-0002** | | **Barrier Parking Gate Operators** *(11 12 33 13-0001)*<br>Note: Includes operator and barrier arm. Excludes access controls and concrete foundation. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 12 33 13-0003 | EA | 12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080) | 4,196.85 | 274.98 |
| | | *For 230/460 Volt AC, Add* | *322.50* | |
| 11 12 33 13-0004 | EA | 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080) | 4,182.01 | 274.98 |
| | | *For 230/460 Volt AC, Add* | *322.50* | |
| 11 12 33 13-0005 | EA | 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080) | 4,369.98 | 274.98 |
| | | *For 230/460 Volt AC, Add* | *322.50* | |
| 11 12 33 13-0006 | EA | 20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080) | 6,224.34 | 274.98 |
| | | *For 230/460 Volt AC, Add* | *322.50* | |
| 11 12 33 13-0007 | EA | 14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD) | 7,709.73 | 274.98 |
| 11 12 33 13-0008 | EA | 14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD) | 8,006.53 | 274.98 |

### 11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes *(11 12 33 13-0001)*

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.

| | | | | |
|---|---|---|---|---|
| 11 12 33 13-0010 | EA | 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080) | 12,835.98 | 549.96 |
| 11 12 33 13-0011 | EA | 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080) | 15,023.58 | 549.96 |
| 11 12 33 13-0012 | EA | 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080) | 12,947.28 | 549.96 |
| 11 12 33 13-0013 | EA | 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080) | 15,134.88 | 549.96 |

### 11 12 33 13-0014 Barrier Parking Gate Operator Accessories *(11 12 33 13-0001)*

| | | | | |
|---|---|---|---|---|
| 11 12 33 13-0015 | EA | 12' Plastic Replacement Arm For Barrier Parking Gate Operators | 158.07 | 17.20 |
| 11 12 33 13-0016 | EA | 14' Wood Replacement Arm For Barrier Parking Gate Operators | 143.23 | 17.20 |
| 11 12 33 13-0017 | EA | 14' Aluminum Replacement Arm For Barrier Parking Gate Operators | 331.20 | 17.20 |
| 11 12 33 13-0018 | EA | 20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators | 498.15 | 17.20 |
| 11 12 33 13-0019 | EA | Folding Wood Replacement Arm For Barrier Parking Gate Operators | 454.87 | 17.20 |
| 11 12 33 13-0020 | EA | Folding Plastic Replacement Arm For Barrier Parking Gate Operators | 454.87 | 17.20 |
| 11 12 33 13-0021 | EA | Folding Aluminum Replacement Arm For Barrier Parking Gate Operators | 553.80 | 17.20 |
| 11 12 33 13-0022 | EA | Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092) | 484.63 | 103.19 |
| 11 12 33 13-0023 | EA | Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093) | 484.63 | 103.19 |
| 11 12 33 13-0024 | EA | Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010) | 487.50 | |
| 11 12 33 13-0025 | EA | Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B) | 1,424.71 | |
| 11 12 33 13-0026 | EA | 36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD) | 957.40 | 17.20 |
| | | Note: Includes mounting plate and hardware. Excludes concrete foundation. | | |

## 11 12 36 Tire Shredders *(11 12)*

### 11 12 36 00-0001 Tire Shredding Traffic Control Spikes *(11 12 36)*

### 11 12 36 00-0002 Flush Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

| | | | | |
|---|---|---|---|---|
| 11 12 36 00-0003 | EA | 6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081) | 1,944.70 | 275.19 |

### 11 12 36 00-0004 Surface Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

| | | | | |
|---|---|---|---|---|
| 11 12 36 00-0005 | EA | 3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088) | 3,476.61 | 137.59 |
| 11 12 36 00-0006 | EA | 3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087) | 2,487.27 | 137.59 |

### 11 12 36 00-0007 Warning Signs And Signals For Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

| | | | | |
|---|---|---|---|---|
| 11 12 36 00-0008 | EA | Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615) | 1,550.10 | 51.60 |
| | | Note: Includes light and mounting post. | | |
| 11 12 36 00-0009 | EA | Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603) | 1,262.96 | 68.79 |
| | | Note: Includes mounting post and hardware. | | |

# 11 13 Loading Dock Equipment *(11 10)*

## 11 13 13 Loading Dock Bumpers *(11 13)*

### 11 13 13 00-0001 Laminated Rubber Dock Bumpers *(11 13 13)*

### 11 13 13 00-0002 4-1/2" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 11 13 13 00-0003 | EA | 14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper | 127.77 | 17.16 |
| 11 13 13 00-0004 | EA | 24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper | 164.98 | 17.16 |
| 11 13 13 00-0005 | EA | 36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper | 217.46 | 17.16 |
| 11 13 13 00-0006 | EA | 12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper | 143.63 | 17.16 |
| 11 13 13 00-0007 | EA | 14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper | 156.77 | 17.16 |
| 11 13 13 00-0008 | EA | 18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper | 180.28 | 17.16 |
| 11 13 13 00-0009 | EA | 24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper | 217.46 | 17.16 |
| 11 13 13 00-0010 | EA | 36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper | 301.44 | 17.16 |
| 11 13 13 00-0011 | EA | 12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper | 164.62 | 17.16 |
| 11 13 13 00-0012 | EA | 12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper | 180.28 | 17.16 |
| 11 13 13 00-0013 | EA | 12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper | 224.93 | 17.16 |
| 11 13 13 00-0014 | EA | 12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper | 256.60 | 17.16 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 13 13 00-0015 | EA | 12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper | 359.44 | 17.16 |
| 11 13 13 00-0016 | EA | 11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper | 206.43 | 17.16 |
| 11 13 13 00-0017 | EA | 11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper | 243.26 | 17.16 |
| 11 13 13 00-0018 | EA | 11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper | 321.72 | 17.16 |
| 11 13 13 00-0019 | | 6" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)* | | |
| 11 13 13 00-0020 | EA | 12" x 10", 6" Projection, Laminated Rubber Dock Bumper | 185.04 | 17.16 |
| 11 13 13 00-0021 | EA | 14" x 10", 6" Projection, Laminated Rubber Dock Bumper | 198.03 | 17.16 |
| 11 13 13 00-0022 | EA | 18" x 10", 6" Projection, Laminated Rubber Dock Bumper | 229.34 | 17.16 |
| 11 13 13 00-0023 | EA | 24" x 10", 6" Projection, Laminated Rubber Dock Bumper | 277.02 | 17.16 |
| 11 13 13 00-0024 | EA | 36" x 10", 6" Projection, Laminated Rubber Dock Bumper | 382.52 | 17.16 |
| 11 13 13 00-0025 | EA | 12" x 12", 6" Projection, Laminated Rubber Dock Bumper | 213.86 | 17.16 |
| 11 13 13 00-0026 | EA | 14" x 12", 6" Projection, Laminated Rubber Dock Bumper | 224.54 | 17.16 |
| 11 13 13 00-0027 | EA | 18" x 12", 6" Projection, Laminated Rubber Dock Bumper | 266.88 | 17.16 |
| 11 13 13 00-0028 | EA | 24" x 12", 6" Projection, Laminated Rubber Dock Bumper | 330.04 | 17.16 |
| 11 13 13 00-0029 | EA | 36" x 12", 6" Projection, Laminated Rubber Dock Bumper | 506.89 | 17.16 |
| 11 13 13 00-0030 | EA | 11" x 20", 6" Projection, Laminated Rubber Dock Bumper | 277.20 | 17.16 |
| 11 13 13 00-0031 | EA | 11" x 24", 6" Projection, Laminated Rubber Dock Bumper | 319.54 | 17.16 |
| 11 13 13 00-0032 | EA | 11" x 36", 6" Projection, Laminated Rubber Dock Bumper | 325.18 | 17.16 |
| 11 13 13 00-0033 | | Extruded Rubber Dock Bumpers *(11 13 13)* | | |
| 11 13 13 00-0034 | | 1-3/4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)* | | |
| 11 13 13 00-0035 | EA | 12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper | 62.22 | 17.16 |
| 11 13 13 00-0036 | EA | 18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper | 67.46 | 17.16 |
| 11 13 13 00-0037 | EA | 24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper | 74.43 | 17.16 |
| 11 13 13 00-0038 | EA | 36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper | 81.40 | 17.16 |
| 11 13 13 00-0039 | | 4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)* | | |
| 11 13 13 00-0040 | EA | 12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper | 89.57 | 17.16 |
| 11 13 13 00-0041 | EA | 18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper | 111.56 | 17.16 |
| 11 13 13 00-0042 | EA | 24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper | 117.89 | 17.16 |
| 11 13 13 00-0043 | EA | 36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper | 132.32 | 17.16 |
| 11 13 13 00-0044 | | 6" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)* | | |
| 11 13 13 00-0045 | EA | 12" x 6", 6" Projection, Extruded Rubber Dock Bumper | 111.27 | 17.16 |
| 11 13 13 00-0046 | EA | 18" x 6", 6" Projection, Extruded Rubber Dock Bumper | 140.91 | 17.16 |
| 11 13 13 00-0047 | EA | 24" x 6", 6" Projection, Extruded Rubber Dock Bumper | 165.32 | 17.16 |
| 11 13 13 00-0048 | EA | 36" x 6", 6" Projection, Extruded Rubber Dock Bumper | 211.90 | 17.16 |
| 11 13 13 00-0049 | | Molded Rubber Dock Bumpers *(11 13 13)* | | |
| 11 13 13 00-0050 | | Rectangular Molded Rubber Dock Bumpers *(11 13 13 00-0049)* | | |
| 11 13 13 00-0051 | EA | 18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper | 92.56 | 17.16 |
| 11 13 13 00-0052 | EA | 10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper | 79.10 | 17.16 |
| 11 13 13 00-0053 | EA | 20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper | 109.82 | 17.16 |
| 11 13 13 00-0054 | EA | 30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper | 140.82 | 17.16 |
| 11 13 13 00-0055 | EA | 24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper | 148.13 | 17.16 |
| 11 13 13 00-0056 | EA | 13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper | 106.30 | 17.16 |
| 11 13 13 00-0057 | EA | 18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper | 142.04 | 17.16 |
| 11 13 13 00-0058 | EA | 30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper | 215.63 | 17.16 |
| 11 13 13 00-0059 | EA | 13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper | 116.99 | 17.16 |
| 11 13 13 00-0060 | EA | 24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper | 182.36 | 17.16 |
| 11 13 13 00-0061 | EA | 18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper | 181.72 | 17.16 |
| 11 13 13 00-0062 | EA | 24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper | 281.70 | 17.16 |
| 11 13 13 00-0063 | | T And L Shaped Rubber Dock Bumpers *(11 13 13 00-0049)* | | |
| 11 13 13 00-0064 | EA | 22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper | 171.65 | 17.16 |
| 11 13 13 00-0065 | EA | 18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper | 159.32 | 17.16 |
| **11 13 16** | | **Loading Dock Seals and Shelters** *(11 13)* | | |
| **11 13 16 13** | | **Loading Dock Seals** *(11 13 16)* | | |
| 11 13 16 13-0001 | | Vinyl Loading Dock Seals *(11 13 16 13)* | | |
| 11 13 16 13-0002 | | Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)* | | |
| 11 13 16 13-0003 | LF | 10" Projection, Standard, Vinyl Loading Dock Seal | 89.14 | 17.16 |
| 11 13 16 13-0004 | LF | 11" Projection, Standard, Vinyl Loading Dock Seal | 90.47 | 17.16 |
| 11 13 16 13-0005 | LF | 12" Projection, Standard, Vinyl Loading Dock Seal | 91.81 | 17.16 |
| 11 13 16 13-0006 | LF | 13" Projection, Standard, Vinyl Loading Dock Seal | 94.48 | 17.16 |
| 11 13 16 13-0007 | LF | 14" Projection, Standard, Vinyl Loading Dock Seal | 97.14 | 17.16 |
| 11 13 16 13-0008 | LF | 15" Projection, Standard, Vinyl Loading Dock Seal | 99.85 | 17.16 |
| 11 13 16 13-0009 | LF | 16" Projection, Standard, Vinyl Loading Dock Seal | 102.56 | 17.16 |
| 11 13 16 13-0010 | LF | 17" Projection, Standard, Vinyl Loading Dock Seal | 105.34 | 17.16 |
| 11 13 16 13-0011 | LF | 18" Projection, Standard, Vinyl Loading Dock Seal | 108.12 | 17.16 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 13 16 13-0012 | LF | 19" Projection, Standard, Vinyl Loading Dock Seal | 110.78 | 17.16 |
| 11 13 16 13-0013 | LF | 20" Projection, Standard, Vinyl Loading Dock Seal | 113.45 | 17.16 |
| 11 13 16 13-0014 | LF | 22" Projection, Standard, Vinyl Loading Dock Seal | 118.86 | 17.16 |
| 11 13 16 13-0015 | | 8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)* | | |
| 11 13 16 13-0016 | LF | 10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 105.00 | 17.16 |
| 11 13 16 13-0017 | LF | 11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 106.34 | 17.16 |
| 11 13 16 13-0018 | LF | 12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 107.67 | 17.16 |
| 11 13 16 13-0019 | LF | 13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 110.38 | 17.16 |
| 11 13 16 13-0020 | LF | 14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 113.08 | 17.16 |
| 11 13 16 13-0021 | LF | 15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 115.75 | 17.16 |
| 11 13 16 13-0022 | LF | 16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 118.42 | 17.16 |
| 11 13 16 13-0023 | LF | 17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 121.12 | 17.16 |
| 11 13 16 13-0024 | LF | 18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 123.83 | 17.16 |
| 11 13 16 13-0025 | LF | 19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 126.50 | 17.16 |
| 11 13 16 13-0026 | LF | 20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 129.24 | 17.16 |
| 11 13 16 13-0027 | LF | 22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal | 134.58 | 17.16 |
| 11 13 16 13-0028 | | 4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)* | | |
| 11 13 16 13-0029 | LF | 10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 113.45 | 17.16 |
| 11 13 16 13-0030 | LF | 11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 114.82 | 17.16 |
| 11 13 16 13-0031 | LF | 12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 116.19 | 17.16 |
| 11 13 16 13-0032 | LF | 13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 118.86 | 17.16 |
| 11 13 16 13-0033 | LF | 14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 121.53 | 17.16 |
| 11 13 16 13-0034 | LF | 15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 124.24 | 17.16 |
| 11 13 16 13-0035 | LF | 16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 126.94 | 17.16 |
| 11 13 16 13-0036 | LF | 17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 129.61 | 17.16 |
| 11 13 16 13-0037 | LF | 18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 132.28 | 17.16 |
| 11 13 16 13-0038 | LF | 19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 134.99 | 17.16 |
| 11 13 16 13-0039 | LF | 20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 137.69 | 17.16 |
| 11 13 16 13-0040 | LF | 22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal | 143.18 | 17.16 |
| 11 13 16 13-0041 | | Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)* | | |
| 11 13 16 13-0042 | | Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)* | | |
| 11 13 16 13-0043 | LF | 10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain | 82.07 | 17.16 |
| 11 13 16 13-0044 | LF | 12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain | 84.17 | 17.16 |
| 11 13 16 13-0045 | LF | 14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain | 88.81 | 17.16 |
| 11 13 16 13-0046 | LF | 16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain | 93.38 | 17.16 |
| 11 13 16 13-0047 | LF | 18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain | 98.09 | 17.16 |
| 11 13 16 13-0048 | LF | 20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain | 102.66 | 17.16 |
| 11 13 16 13-0049 | LF | 22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain | 107.30 | 17.16 |
| 11 13 16 13-0050 | | 8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)* | | |
| 11 13 16 13-0051 | LF | 10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 97.07 | 17.16 |
| 11 13 16 13-0052 | LF | 12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 99.23 | 17.16 |
| 11 13 16 13-0053 | LF | 14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 103.87 | 17.16 |
| 11 13 16 13-0054 | LF | 16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 108.51 | 17.16 |
| 11 13 16 13-0055 | LF | 18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 113.08 | 17.16 |
| 11 13 16 13-0056 | LF | 20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 117.72 | 17.16 |
| 11 13 16 13-0057 | LF | 22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 122.29 | 17.16 |
| 11 13 16 13-0058 | | 4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)* | | |
| 11 13 16 13-0059 | LF | 10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 105.20 | 17.16 |
| 11 13 16 13-0060 | LF | 12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 107.30 | 17.16 |
| 11 13 16 13-0061 | LF | 14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 112.00 | 17.16 |
| 11 13 16 13-0062 | LF | 16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 116.58 | 17.16 |
| 11 13 16 13-0063 | LF | 18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 121.21 | 17.16 |
| 11 13 16 13-0064 | LF | 20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 125.79 | 17.16 |
| 11 13 16 13-0065 | LF | 22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain | 130.49 | 17.16 |
| **11 13 16 23** | | **Loading Dock Shelters** *(11 13 16)* | | |
| 11 13 16 23-0001 | | Retractable Vinyl Loading Dock Shelter *(11 13 16 23)* | | |
| 11 13 16 23-0002 | LF | Retractable Vinyl Dock Shelters, Scissor Arms | 142.73 | 21.46 |
| 11 13 16 23-0003 | | Rigid Loading Dock Shelters *(11 13 16 23)* | | |
| 11 13 16 23-0004 | LF | 18" Projection, Rigid Loading Dock Shelter | 103.60 | 20.60 |
| 11 13 16 23-0005 | LF | 24" Projection, Rigid Loading Dock Shelter | 108.52 | 20.60 |
| 11 13 16 23-0006 | LF | 30" Projection, Rigid Loading Dock Shelter | 112.66 | 21.46 |
| 11 13 16 23-0007 | LF | 36" Projection, Rigid Loading Dock Shelter | 116.06 | 21.46 |
| **11 13 19** | | **Stationary Loading Dock Equipment** *(11 13)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| | | Note: Includes all anchor bolts and fasteners. | | |
| **11 13 19 13** | | **Loading Dock Levelers** *(11 13 19)* | | |
| 11 13 19 13-0001 | | Hydraulic Dock Levelers *(11 13 19 13)* | | |
| | | Note: Excludes control panel, remote operator, and electrical wiring. | | |
| 11 13 19 13-0002 | | 20,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)* | | |
| 11 13 19 13-0003 | EA | 6' x 6', 20,000 LB Hydraulic Dock Leveler | 6,813.42 | 721.26 |
| 11 13 19 13-0004 | EA | 6' x 8', 20,000 LB Hydraulic Dock Leveler | 7,285.28 | 801.40 |
| 11 13 19 13-0005 | EA | 6' x 10', 20,000 LB Hydraulic Dock Leveler | 8,925.06 | 961.68 |
| 11 13 19 13-0006 | EA | 7' x 6', 20,000 LB Hydraulic Dock Leveler | 7,249.97 | 801.40 |
| 11 13 19 13-0007 | EA | 7' x 8', 20,000 LB Hydraulic Dock Leveler | 7,877.87 | 881.54 |
| 11 13 19 13-0008 | EA | 7' x 10', 20,000 LB Hydraulic Dock Leveler | 9,446.66 | 1,041.82 |
| 11 13 19 13-0009 | | 25,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)* | | |
| 11 13 19 13-0010 | EA | 6' x 6', 25,000 LB Hydraulic Dock Leveler | 6,954.54 | 721.26 |
| 11 13 19 13-0011 | EA | 6' x 8', 25,000 LB Hydraulic Dock Leveler | 7,431.30 | 801.40 |
| 11 13 19 13-0012 | EA | 6' x 10', 25,000 LB Hydraulic Dock Leveler | 9,061.89 | 961.68 |
| 11 13 19 13-0013 | EA | 7' x 6', 25,000 LB Hydraulic Dock Leveler | 7,388.04 | 801.40 |
| 11 13 19 13-0014 | EA | 7' x 8', 25,000 LB Hydraulic Dock Leveler | 8,005.67 | 881.54 |
| 11 13 19 13-0015 | EA | 7' x 10', 25,000 LB Hydraulic Dock Leveler | 9,714.91 | 1,041.82 |
| 11 13 19 13-0016 | | 30,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)* | | |
| 11 13 19 13-0017 | EA | 6' x 6', 30,000 LB Hydraulic Dock Leveler | 7,280.26 | 841.47 |
| 11 13 19 13-0018 | EA | 6' x 8', 30,000 LB Hydraulic Dock Leveler | 7,743.40 | 961.68 |
| 11 13 19 13-0019 | EA | 6' x 10', 30,000 LB Hydraulic Dock Leveler | 9,435.68 | 1,121.95 |
| 11 13 19 13-0020 | EA | 7' x 6', 30,000 LB Hydraulic Dock Leveler | 7,743.40 | 961.68 |
| 11 13 19 13-0021 | EA | 7' x 8', 30,000 LB Hydraulic Dock Leveler | 8,337.93 | 1,081.89 |
| 11 13 19 13-0022 | EA | 7' x 10', 30,000 LB Hydraulic Dock Leveler | 10,030.21 | 1,162.03 |
| 11 13 19 13-0023 | | 35,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)* | | |
| 11 13 19 13-0024 | EA | 6' x 6', 35,000 LB Hydraulic Dock Leveler | 7,535.15 | 881.54 |
| 11 13 19 13-0025 | EA | 6' x 8', 35,000 LB Hydraulic Dock Leveler | 7,999.48 | 1,001.75 |
| 11 13 19 13-0026 | EA | 6' x 10', 35,000 LB Hydraulic Dock Leveler | 8,998.16 | 1,162.03 |
| 11 13 19 13-0027 | EA | 7' x 6', 35,000 LB Hydraulic Dock Leveler | 7,999.48 | 1,001.75 |
| 11 13 19 13-0028 | EA | 7' x 8', 35,000 LB Hydraulic Dock Leveler | 8,685.79 | 1,121.95 |
| 11 13 19 13-0029 | EA | 7' x 10', 35,000 LB Hydraulic Dock Leveler | 10,413.32 | 1,202.10 |
| 11 13 19 13-0030 | | 40,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)* | | |
| 11 13 19 13-0031 | EA | 6' x 6', 40,000 LB Hydraulic Dock Leveler | 7,980.78 | 881.54 |
| 11 13 19 13-0032 | EA | 6' x 8', 40,000 LB Hydraulic Dock Leveler | 8,444.53 | 1,001.75 |
| 11 13 19 13-0033 | EA | 6' x 10', 40,000 LB Hydraulic Dock Leveler | 10,161.47 | 1,162.03 |
| 11 13 19 13-0034 | EA | 7' x 6', 40,000 LB Hydraulic Dock Leveler | 8,444.53 | 1,001.75 |
| 11 13 19 13-0035 | EA | 7' x 8', 40,000 LB Hydraulic Dock Leveler | 9,131.54 | 1,121.95 |
| 11 13 19 13-0036 | EA | 7' x 10', 40,000 LB Hydraulic Dock Leveler | 10,858.83 | 1,202.10 |
| 11 13 19 13-0037 | | 45,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)* | | |
| 11 13 19 13-0038 | EA | 6' x 6', 45,000 LB Hydraulic Dock Leveler | 8,352.03 | 921.61 |
| 11 13 19 13-0039 | EA | 6' x 8', 45,000 LB Hydraulic Dock Leveler | 8,823.18 | 1,041.82 |
| 11 13 19 13-0040 | EA | 6' x 10', 45,000 LB Hydraulic Dock Leveler | 10,531.50 | 1,202.10 |
| 11 13 19 13-0041 | EA | 7' x 6', 45,000 LB Hydraulic Dock Leveler | 8,824.39 | 1,041.82 |
| 11 13 19 13-0042 | EA | 7' x 8', 45,000 LB Hydraulic Dock Leveler | 9,505.88 | 1,162.03 |
| 11 13 19 13-0043 | EA | 7' x 10', 45,000 LB Hydraulic Dock Leveler | 11,222.20 | 1,242.17 |
| 11 13 19 13-0044 | | Manual Dock Levelers *(11 13 19 13)* | | |
| 11 13 19 13-0045 | | 20,000 LB Manual Dock Levelers *(11 13 19 13-0044)* | | |
| 11 13 19 13-0046 | EA | 6' x 6', 20,000 LB Manual Dock Leveler | 5,363.17 | 721.26 |
| 11 13 19 13-0047 | EA | 6' x 8', 20,000 LB Manual Dock Leveler | 5,844.19 | 801.40 |
| 11 13 19 13-0048 | EA | 6' x 10', 20,000 LB Manual Dock Leveler | 7,474.81 | 961.68 |
| 11 13 19 13-0049 | EA | 7' x 6', 20,000 LB Manual Dock Leveler | 5,801.03 | 801.40 |
| 11 13 19 13-0050 | EA | 7' x 8', 20,000 LB Manual Dock Leveler | 6,427.62 | 881.54 |
| 11 13 19 13-0051 | EA | 7' x 10', 20,000 LB Manual Dock Leveler | 8,144.32 | 961.68 |
| 11 13 19 13-0052 | | 40,000 LB Manual Dock Levelers *(11 13 19 13-0044)* | | |
| 11 13 19 13-0053 | EA | 6' x 6', 40,000 LB Manual Dock Leveler | 6,658.80 | 801.40 |
| 11 13 19 13-0054 | EA | 6' x 8', 40,000 LB Manual Dock Leveler | 7,122.55 | 881.54 |
| 11 13 19 13-0055 | EA | 6' x 10', 40,000 LB Manual Dock Leveler | 7,716.47 | 1,041.82 |
| 11 13 19 13-0056 | EA | 7' x 6', 40,000 LB Manual Dock Leveler | 7,122.55 | 881.54 |
| 11 13 19 13-0057 | EA | 7' x 8', 40,000 LB Manual Dock Leveler | 8,109.30 | 961.68 |
| 11 13 19 13-0058 | EA | 7' x 10', 40,000 LB Manual Dock Leveler | 9,536.85 | 1,121.95 |
| 11 13 19 13-0059 | | Edge Of Dock Levelers *(11 13 19 13)* | | |
| | | Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 13 19 13-0060 | | Hydraulic Edge Of Dock Levelers *(11 13 19 13-0059)* | | |
| | | Note: Excludes control panel, remote operator, and electrical wiring. | | |
| 11 13 19 13-0061 | EA | 66" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2066) | 4,477.69 | 240.42 |
| 11 13 19 13-0062 | EA | 72" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2072) | 4,832.12 | 240.42 |
| 11 13 19 13-0063 | EA | 66" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2566) | 4,780.82 | 240.42 |
| 11 13 19 13-0064 | EA | 72" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2572) | 5,267.38 | 240.42 |
| 11 13 19 13-0065 | EA | 66" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620) | 4,488.10 | 240.42 |
| 11 13 19 13-0066 | EA | 72" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220) | 4,748.91 | 240.42 |
| 11 13 19 13-0067 | | Manual Edge Of Dock Levelers *(11 13 19 13-0059)* | | |
| 11 13 19 13-0068 | EA | 66" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2066) | 2,219.96 | 240.42 |
| 11 13 19 13-0069 | EA | 72" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2072) | 2,433.48 | 240.42 |
| 11 13 19 13-0070 | EA | 66" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2566) | 2,498.77 | 240.42 |
| 11 13 19 13-0071 | EA | 72" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2572) | 2,658.90 | 240.42 |
| 11 13 19 13-0072 | EA | 66" Usable Width, 25,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP66) | 2,401.60 | 240.42 |
| 11 13 19 13-0073 | EA | 72" Usable Width, 25,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP72) | 2,745.81 | 240.42 |
| 11 13 19 13-0074 | EA | 78" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78) | 2,999.04 | 240.42 |
| 11 13 19 13-0075 | EA | 72" Usable Width, 30,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 30EP72) | 3,035.44 | 240.42 |
| 11 13 19 13-0076 | EA | 66" Usable Width, 20,000 LB Refrigerated Truck, Edge of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R) | 2,689.71 | 240.42 |
| 11 13 19 13-0077 | EA | 78" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R) | 3,740.54 | 240.42 |
| 11 13 19 13-0078 | EA | 72" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R) | 3,514.60 | 240.42 |
| **11 13 19 23** | | **Stationary Loading Dock Lifts** *(11 13 19)* | | |
| 11 13 19 23-0001 | | Top Of Ground, Fixed Platform Lifts *(11 13 19 23)* | | |
| 11 13 19 23-0002 | EA | 6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift | 18,638.49 | 174.54 |
| 11 13 19 23-0003 | | Pit Mounted, Fixed Platform Lifts *(11 13 19 23)* | | |
| 11 13 19 23-0004 | EA | 6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted | 12,658.74 | 174.54 |
| 11 13 19 23-0005 | EA | 6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted | 22,926.91 | 261.80 |
| 11 13 19 23-0006 | EA | 7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted | 40,222.25 | 523.61 |
| 11 13 19 23-0007 | EA | 8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted | 42,072.57 | 698.15 |
| **11 13 19 26** | | **Loading Dock Truck Lifts** *(11 13 19)* | | |
| 11 13 19 26-0001 | | Hydraulic Truck Lifts *(11 13 19 26)* | | |
| 11 13 19 26-0002 | EA | 10' x 15', 60,000 LB Platform Truck Lift | 36,668.34 | 1,488.95 |
| 11 13 19 26-0003 | EA | 10' x 20', 60,000 LB Platform Truck Lift | 41,889.69 | 1,786.73 |
| **11 13 19 33** | | **Loading Dock Truck Restraints** *(11 13 19)* | | |
| 11 13 19 33-0001 | | Truck Restraint System *(11 13 19 33)* | | |
| 11 13 19 33-0002 | EA | Truck Restraint System (Poweramp Powerstop AAL)<br>Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed. | 8,528.90 | 300.52 |
| 11 13 19 33-0003 | EA | Rotating Hook Truck Restraint System (Kelley Star 4)<br>Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed. | 8,652.93 | 300.52 |
| **11 13 23** | | **Portable Dock Equipment** *(11 13)* | | |
| **11 13 23 23** | | **Portable Dock Platforms** *(11 13 23)* | | |
| 11 13 23 23-0001 | EA | 6' x 6', 5,000 LB Capacity Portable Platform Lift | 12,582.65 | 85.99 |
| **11 13 26** | | **Loading Dock Lights** *(11 13)* | | |
| 11 13 26 00-0001 | | Communication Lights *(11 13 26)* | | |
| 11 13 26 00-0002 | EA | Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC<br>Note: Excludes control console. | 346.63 | 82.64 |
| 11 13 26 00-0003 | EA | Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC | 432.64 | 82.64 |
| 11 13 26 00-0004 | EA | Dock Guide Light For Truck Backing | 188.83 | 66.11 |
| 11 13 26 00-0005 | | Communication Lights Controls *(11 13 26)* | | |
| 11 13 26 00-0006 | EA | Dock Communication Lights Control Console For Up To Two Docks | 367.83 | 110.19 |
| 11 13 26 00-0007 | | Loading Dock Lights *(11 13 26)* | | |
| 11 13 26 00-0008 | | Incandescent Loading Dock Lights *(11 13 26 00-0007)* | | |
| 11 13 26 00-0009 | EA | 24" Long, Single Arm Loading Dock Light, 300W Incandescent | 462.84 | 110.19 |
| 11 13 26 00-0010 | EA | 40" Long, Dual Arm Loading Dock Light, 300W Incandescent | 407.30 | 110.19 |
| 11 13 26 00-0011 | EA | 60" Long, Dual Arm Loading Dock Light, 300W Incandescent | 547.42 | 110.19 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 13 26 00-0012** | | **Metal Halide Loading Dock Lights** *(11 13 26 00-0007)* | | |
| 11 13 26 00-0013 | EA | 24" Long, Single Arm Loading Dock Light, 100W Metal Halide | 654.83 | 110.19 |
| 11 13 26 00-0014 | EA | 40" Long, Dual Arm Loading Dock Light, 100W Metal Halide | 720.66 | 110.19 |
| 11 13 26 00-0015 | EA | 60" Long, Dual Arm Loading Dock Light, 100W Metal Halide | 773.30 | 110.19 |
| **11 13 26 00-0016** | | **Quartz Halogen Loading Dock Lights** *(11 13 26 00-0007)* | | |
| 11 13 26 00-0017 | EA | 24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen | 399.90 | 110.19 |
| 11 13 26 00-0018 | EA | 40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen | 441.54 | 110.19 |
| 11 13 26 00-0019 | EA | 60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen | 477.09 | 110.19 |

## 11 14 Pedestrian Control Equipment *(11 10)*

### 11 14 13 Pedestrian Gates *(11 14)*

#### 11 14 13 16 Rotary Gates *(11 14 13)*

| | | | | |
|---|---|---|---|---|
| **11 14 13 16-0001** | | **Access Control Indoor Or Outdoor Impenetrability** *(11 14 13 16)* | | |
| **11 14 13 16-0002** | | **Mechanical** *(11 14 13 16-0001)* | | |
| **11 14 13 16-0003** | | **Galvanized Steel** *(11 14 13 16-0002)* | | |
| 11 14 13 16-0004 | EA | One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel | 10,571.86 | 1,160.49 |
| 11 14 13 16-0005 | EA | One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel | 11,997.68 | 1,160.49 |
| 11 14 13 16-0006 | EA | One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel | 24,137.47 | 1,731.39 |
| 11 14 13 16-0007 | EA | One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel | 23,351.17 | 1,731.39 |
| **11 14 13 16-0008** | | **Powder Coated Steel** *(11 14 13 16-0002)* | | |
| 11 14 13 16-0009 | EA | One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel | 12,016.03 | 1,160.49 |
| 11 14 13 16-0010 | EA | One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel | 13,386.81 | 1,160.49 |
| 11 14 13 16-0011 | EA | One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel | 28,622.00 | 1,731.39 |
| 11 14 13 16-0012 | EA | One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel | 25,720.55 | 1,731.39 |
| **11 14 13 16-0013** | | **Anodized Aluminum** *(11 14 13 16-0002)* | | |
| 11 14 13 16-0014 | EA | One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 12,642.45 | 1,160.49 |
| 11 14 13 16-0015 | EA | One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum | 22,237.93 | 1,160.49 |
| 11 14 13 16-0016 | EA | One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 25,605.23 | 1,731.39 |
| 11 14 13 16-0017 | EA | One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum | 43,679.64 | 1,731.39 |
| **11 14 13 16-0018** | | **Stainless Steel** *(11 14 13 16-0002)* | | |
| 11 14 13 16-0019 | EA | One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel | 20,230.24 | 1,160.49 |
| 11 14 13 16-0020 | EA | One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel | 22,762.13 | 1,160.49 |
| 11 14 13 16-0021 | EA | One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel | 32,524.67 | 1,731.39 |
| 11 14 13 16-0022 | EA | One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel | 40,754.61 | 1,731.39 |
| **11 14 13 16-0023** | | **Transparent** *(11 14 13 16-0002)* | | |
| 11 14 13 16-0024 | EA | One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent | 40,584.93 | 1,160.67 |
| **11 14 13 16-0025** | | **Mechanical Options** *(11 14 13 16-0001)* | | |
| 11 14 13 16-0026 | EA | Out-of-Use Lock Option, Add | 222.78 | |
| 11 14 13 16-0027 | EA | Heel Protector (Each Heel Protector), Add | 157.26 | |
| **11 14 13 16-0028** | | **Electrical, One-Way** *(11 14 13 16-0001)* | | |
| **11 14 13 16-0029** | | **Galvanized Steel** *(11 14 13 16-0028)* | | |
| 11 14 13 16-0030 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel | 11,203.52 | 1,160.49 |
| 11 14 13 16-0031 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel | 12,631.96 | 1,160.49 |
| 11 14 13 16-0032 | EA | One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel | 26,496.37 | 1,731.39 |
| 11 14 13 16-0033 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel | 24,370.74 | 1,731.39 |
| 11 14 13 16-0034 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel | 26,496.37 | 1,731.39 |
| **11 14 13 16-0035** | | **Powder Coated Steel** *(11 14 13 16-0028)* | | |
| 11 14 13 16-0036 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel | 12,645.07 | 1,160.49 |
| 11 14 13 16-0037 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel | 14,241.26 | 1,160.49 |
| 11 14 13 16-0038 | EA | One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel | 35,693.46 | 1,731.39 |
| 11 14 13 16-0039 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel | 26,753.23 | 1,731.39 |
| 11 14 13 16-0040 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel | 28,884.10 | 1,731.39 |
| **11 14 13 16-0041** | | **Anodized Aluminum** *(11 14 13 16-0028)* | | |
| 11 14 13 16-0042 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 12,907.17 | 1,160.49 |
| 11 14 13 16-0043 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 13,719.68 | 1,160.49 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 14 13 16-0044 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum | 23,024.23 | 1,160.49 |
| 11 14 13 16-0045 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 27,049.40 | 1,731.39 |
| 11 14 13 16-0046 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 30,165.77 | 1,731.39 |
| 11 14 13 16-0047 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum | 45,039.94 | 1,731.39 |
| **11 14 13 16-0048** | | **Stainless Steel** *(11 14 13 16-0028)* | | |
| 11 14 13 16-0049 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel | 21,553.85 | 1,160.49 |
| 11 14 13 16-0050 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel | 23,100.24 | 1,160.49 |
| 11 14 13 16-0051 | EA | One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel | 37,441.66 | 1,731.39 |
| 11 14 13 16-0052 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel | 42,775.40 | 1,731.39 |
| 11 14 13 16-0053 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel | 47,228.48 | 1,731.39 |
| **11 14 13 16-0054** | | **Transparent** *(11 14 13 16-0028)* | | |
| 11 14 13 16-0055 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms | 36,975.81 | 1,160.67 |
| 11 14 13 16-0056 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms | 39,166.97 | 1,160.67 |
| 11 14 13 16-0057 | EA | One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels | 40,123.63 | 1,160.67 |
| 11 14 13 16-0058 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms | 66,073.47 | 1,731.39 |
| 11 14 13 16-0059 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms | 70,293.28 | 1,731.39 |
| **11 14 13 16-0060** | | **Electrical, Two-Way** *(11 14 13 16-0001)* | | |
| **11 14 13 16-0061** | | **Galvanized Steel** *(11 14 13 16-0060)* | | |
| 11 14 13 16-0062 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel | 12,115.63 | 1,160.49 |
| 11 14 13 16-0063 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel | 13,586.01 | 1,160.49 |
| 11 14 13 16-0064 | EA | Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel | 31,507.72 | 1,731.39 |
| 11 14 13 16-0065 | EA | Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel | 25,998.38 | 1,731.39 |
| **11 14 13 16-0066** | | **Powder Coated Steel** *(11 14 13 16-0060)* | | |
| 11 14 13 16-0067 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel | 13,444.47 | 1,160.49 |
| 11 14 13 16-0068 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel | 15,132.40 | 1,160.49 |
| 11 14 13 16-0069 | EA | Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel | 36,485.00 | 1,731.39 |
| 11 14 13 16-0070 | EA | Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel | 28,393.97 | 1,731.39 |
| **11 14 13 16-0071** | | **Anodized Aluminum** *(11 14 13 16-0060)* | | |
| 11 14 13 16-0072 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 13,806.17 | 1,160.49 |
| 11 14 13 16-0073 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 14,581.99 | 1,160.49 |
| 11 14 13 16-0074 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum | 24,070.01 | 1,160.49 |
| 11 14 13 16-0075 | EA | Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms | 28,881.48 | 1,731.39 |
| 11 14 13 16-0076 | EA | Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum | 46,740.97 | 1,731.39 |
| **11 14 13 16-0077** | | **Stainless Steel** *(11 14 13 16-0060)* | | |
| 11 14 13 16-0078 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel | 22,439.75 | 1,160.49 |
| 11 14 13 16-0079 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel | 24,012.35 | 1,160.49 |
| 11 14 13 16-0080 | EA | Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel | 38,091.67 | 1,731.39 |
| 11 14 13 16-0081 | EA | Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel | 44,085.90 | 1,731.39 |
| 11 14 13 16-0082 | EA | Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel | 49,036.97 | 1,731.39 |
| **11 14 13 16-0083** | | **Transparent** *(11 14 13 16-0060)* | | |
| 11 14 13 16-0084 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms | 37,735.90 | 1,160.67 |
| 11 14 13 16-0085 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms | 39,796.01 | 1,160.67 |
| 11 14 13 16-0086 | EA | Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels | 40,978.08 | 1,160.67 |
| 11 14 13 16-0087 | EA | Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms | 67,672.28 | 1,731.39 |
| 11 14 13 16-0088 | EA | One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms | 71,603.78 | 1,731.39 |
| **11 14 13 16-0089** | | **Electrical Options** *(11 14 13 16-0001)* | | |
| 11 14 13 16-0090 | EA | Additional Set Of Electric Controls, Per Rotor, Add | 872.79 | |
| 11 14 13 16-0091 | EA | Indicator Lights, Set, Red/Green, Per Controlled Direction, Add | 613.31 | |
| 11 14 13 16-0092 | EA | Time-Out-Relay, Per Controlled Direction | 201.82 | |
| 11 14 13 16-0093 | EA | Pulse-Relay, Per Controlled Direction | 201.82 | |
| 11 14 13 16-0094 | EA | Pushbutton, Per Controlled Direction | 159.88 | |
| 11 14 13 16-0095 | EA | Heel Protectors, (Per Heel Protector), Add | 157.26 | |
| 11 14 13 16-0096 | EA | Card Reader Mounting Pad, Per Reader | 144.16 | |
| 11 14 13 16-0097 | EA | Hydraulic Speed Control (Per Rotor), Add | 3,661.54 | |
| **11 14 13 16-0098** | | **Relocate Rotary Gate** *(11 14 13 16-0001)* | | |
| 11 14 13 16-0099 | EA | Relocate Rotary Gate | 3,408.91 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 14 13 19** | | **Turnstiles** *(11 14 13)* | | |
| 11 14 13 19-0001 | | Turnstiles *(11 14 13 19)* | | |
| 11 14 13 19-0002 | EA | 24" Diameter Manual Turnstile, Three Arm, Two Way | 2,263.36 | 327.26 |
| 11 14 13 19-0003 | EA | 24" Diameter Manual Turnstile, Three Arm, Two Way With Counter | 3,001.37 | 327.26 |
| **11 14 16** | | **Pedestrian Control Devices** *(11 14)* | | |
| 11 14 16 00-0001 | | Retractable Barrier *(11 14 16)* | | |
| 11 14 16 00-0002 | EA | Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK) | 79.89 | 15.48 |
| 11 14 16 00-0003 | EA | Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791) | 149.44 | 15.48 |
| 11 14 16 00-0004 | EA | Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770) | 184.22 | 15.48 |
| 11 14 16 00-0005 | EA | Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771) | 305.94 | 15.48 |
| **11 20** | | **Commercial Equipment** *(11)* | | |
| **11 21** | | **Retail and Service Equipment** *(11 20)* | | |
| **11 21 63** | | **Refrigerated Display Equipment** *(11 21)* | | |
| 11 21 63 00-0001 | | Dairy Products *(11 21 63)* | | |
| 11 21 63 00-0002 | | Refrigerated Dairy Case *(11 21 63 00-0001)* | | |
| 11 21 63 00-0003 | LF | Refrigerated Case, Dairy, Multi-Deck | 1,946.63 | 348.49 |
| | | *For Rear Sliding Doors, Add* | *19.95* | |
| 11 21 63 00-0004 | | Refrigerated Milk Unit *(11 21 63 00-0001)* | | |
| 11 21 63 00-0005 | EA | 46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit | 9,652.58 | 252.94 |
| 11 21 63 00-0006 | | Refrigerated Ice Cream And Milk Dispenser *(11 21 63 00-0001)* | | |
| 11 21 63 00-0007 | EA | 63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser | 10,702.36 | 277.77 |
| 11 21 63 00-0008 | | Ice Cream Dispenser *(11 21 63 00-0001)* | | |
| 11 21 63 00-0009 | EA | 46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser | 8,938.61 | 233.89 |
| 11 21 63 00-0010 | | Drop-In Ice Cream Freezer *(11 21 63 00-0001)* | | |
| 11 21 63 00-0011 | EA | 27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer | 2,229.11 | 58.21 |
| 11 21 63 00-0012 | EA | 30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer | 2,912.92 | 76.11 |
| 11 21 63 00-0013 | | Ice Cream Cabinets *(11 21 63 00-0001)* | | |
| 11 21 63 00-0014 | EA | 46" x 32" x 42", 24 Gallon Ice Cream Cabinet | 6,981.80 | 181.91 |
| 11 21 63 00-0015 | EA | 68" x 32" x 42", 48 Gallon Ice Cream Cabinet | 9,945.28 | 262.52 |
| 11 21 63 00-0016 | | Delicatessen Case, Service Deli *(11 21 63)* | | |
| 11 21 63 00-0017 | LF | Delicatessen Case, Single-Deck | 1,946.44 | 290.41 |
| 11 21 63 00-0018 | LF | Delicatessen Case, Multi-Deck | 2,168.76 | 348.49 |
| 11 21 63 00-0019 | EA | Delicatessen Case, 3 Shelf, 32" x 23" x 23" | 2,544.26 | 60.52 |
| 11 21 63 00-0020 | | Meat Case *(11 21 63)* | | |
| 11 21 63 00-0021 | LF | Meat Case, Single - Deck | 1,416.37 | 348.49 |
| 11 21 63 00-0022 | LF | Meat Case, Multi - Deck | 1,535.68 | 348.49 |
| 11 21 63 00-0023 | | Produce Case *(11 21 63)* | | |
| 11 21 63 00-0024 | LF | Single Deck Produce Case | 1,477.96 | 348.49 |
| 11 21 63 00-0025 | LF | Multi-Deck Produce Case | 1,633.94 | 348.49 |
| 11 21 63 00-0026 | | Bottle Coolers *(11 21 63)* | | |
| 11 21 63 00-0027 | EA | Bottle Cooler, 6' Long | 5,515.50 | 1,161.62 |
| 11 21 63 00-0028 | EA | Bottle Cooler, 10' Long | 8,293.94 | 1,742.42 |
| 11 21 63 00-0029 | | Cold Pan Units *(11 21 63)* | | |
| 11 21 63 00-0030 | EA | 5" x 48", Iced, Cold Pan Units | 3,573.35 | 92.63 |
| 11 21 63 00-0031 | EA | 5" x 72", Iced, Cold Pan Units | 4,964.45 | 129.58 |
| 11 21 63 00-0032 | EA | 8" x 72", Iced, Cold Pan Units | 5,869.87 | 153.27 |
| 11 21 63 00-0033 | EA | 5" x 48", Mechanical, Cold Pan Units | 6,034.26 | 158.35 |
| 11 21 63 00-0034 | EA | 8" x 48", Mechanical, Cold Pan Units | 6,567.84 | 170.93 |
| 11 21 63 00-0035 | EA | 8" x 72", Mechanical, Cold Pan Units | 7,804.12 | 202.01 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 21 63 00-0036 | | Cold Cabinets (Insulated) *(11 21 63)* | | |
| 11 21 63 00-0037 | EA | 69-3/4" x 32" x 24", Insulated Cold Cabinet | 3,245.18 | 80.16 |

## 11 22 Banking Equipment *(11 20)*

### 11 22 13 Vault Equipment *(11 22)*

#### 11 22 13 16 Safes *(11 22 13)*

| | | | | |
|---|---|---|---|---|
| 11 22 13 16-0001 | | In Room Safes *(11 22 13 16)* | | |
| 11 22 13 16-0002 | EA | 8-1/8" x 7-3/16" x 10-3/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 25) | 710.94 | 8.58 |
| 11 22 13 16-0003 | EA | 8-1/8" x 7-3/16" x 16-5/8" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 41) | 664.97 | 8.58 |
| 11 22 13 16-0004 | EA | 8-1/8" x 7-3/16" x 19-13/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 49) | 692.55 | 8.58 |
| 11 22 13 16-0005 | EA | 8-1/8" x 7-3/16" x 10-3/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 25)<br>Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door. | 775.29 | 8.58 |
| 11 22 13 16-0006 | EA | 8-1/8" x 7-3/16" x 16-5/8" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 41)<br>Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door. | 802.86 | 8.58 |
| 11 22 13 16-0007 | EA | 8-1/8" x 7-3/16" x 19-13/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 49)<br>Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door. | 830.44 | 8.58 |
| 11 22 13 16-0008 | EA | 7-5/8" x 14" x 10-11/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 27)<br>Note: Includes security wire. | 524.75 | 10.73 |
| 11 22 13 16-0009 | EA | 7-5/8" x 14" x 17-1/2" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 43)<br>Note: Includes security wire. | 543.14 | 10.73 |
| 11 22 13 16-0010 | EA | 7-5/8" x 14" x 20-3/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 50)<br>Note: Includes security wire. | 561.52 | 10.73 |

## 11 30 Residential Equipment *(11)*

### 11 30 13 Residential Appliances *(11 30)*

#### 11 30 13 13 Residential Kitchen Appliances *(11 30 13)*

Note: Includes standard colors. Excludes stainless steel.

| | | | | |
|---|---|---|---|---|
| 11 30 13 13-0001 | | Ranges With Ovens *(11 30 13 13)*<br>Note: Free standing or slide in. | | |
| 11 30 13 13-0002 | | Electric Ranges With Ovens *(11 30 13 13-0001)* | | |
| 11 30 13 13-0003 | EA | 20" Electric Range With Oven | 811.51 | 68.79 |
| | | *For Stainless Steel, Add* | *168.48* | |
| 11 30 13 13-0004 | EA | 24" Electric Range With Oven | 850.13 | 68.79 |
| | | *For Stainless Steel, Add* | *178.14* | |
| 11 30 13 13-0005 | EA | 30" Electric Range With Oven | 839.26 | 68.79 |
| | | *For Stainless Steel, Add* | *192.62* | |
| 11 30 13 13-0006 | EA | 30" Free-Standing Electric Range With Oven (Hotpoint® RB525DHWW) | 838.04 | 68.79 |
| 11 30 13 13-0007 | | Gas Ranges With Ovens *(11 30 13 13-0001)* | | |
| 11 30 13 13-0008 | EA | 20" Gas Range With Oven | 908.06 | 68.79 |
| | | *For Stainless Steel, Add* | *192.62* | |
| 11 30 13 13-0009 | EA | 24" Gas Range With Oven | 958.27 | 68.79 |
| | | *For Stainless Steel, Add* | *205.17* | |
| 11 30 13 13-0010 | EA | 30" Gas Range With Oven | 1,004.61 | 68.79 |
| | | *For Stainless Steel, Add* | *216.76* | |
| 11 30 13 13-0011 | | Range Hoods *(11 30 13 13)* | | |
| 11 30 13 13-0012 | | Venting Range Hoods *(11 30 13 13-0011)* | | |
| 11 30 13 13-0013 | EA | 21" Venting Range Hood (Broan 40000) | 255.14 | 51.60 |
| | | *For Stainless Steel, Add* | *22.79* | |
| 11 30 13 13-0014 | EA | 24" Venting Range Hood (Broan 40000) | 232.57 | 51.60 |
| | | *For Stainless Steel, Add* | *19.41* | |
| 11 30 13 13-0015 | EA | 30" Venting Range Hood (Broan 40000) | 228.61 | 51.60 |
| | | *For Stainless Steel, Add* | *18.81* | |
| 11 30 13 13-0016 | EA | 36" Venting Range Hood (Broan 40000) | 232.57 | 51.60 |
| | | *For Stainless Steel, Add* | *19.41* | |
| 11 30 13 13-0017 | | Non-Ducted Range Hoods *(11 30 13 13-0011)* | | |
| 11 30 13 13-0018 | EA | 21" Non Ducted Range Hood (Broan 41000) | 258.06 | 51.60 |
| | | *For Stainless Steel, Add* | *23.23* | |
| 11 30 13 13-0019 | EA | 24" Non Ducted Range Hood (Broan 41000) | 235.56 | 51.60 |
| | | *For Stainless Steel, Add* | *19.86* | |
| 11 30 13 13-0020 | EA | 30" Non Ducted Range Hood (Broan 41000) | 231.58 | 51.60 |
| | | *For Stainless Steel, Add* | *19.26* | |
| 11 30 13 13-0021 | EA | 36" Non Ducted Range Hood (Broan 41000) | 235.56 | 51.60 |
| | | *For Stainless Steel, Add* | *19.86* | |
| 11 30 13 13-0022 | | Microwaves *(11 30 13 13)* | | |
| 11 30 13 13-0023 | | Countertop Microwaves *(11 30 13 13-0022)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 30 13 13-0024 | EA | 1.1 CF Countertop Microwave Oven | 175.54 | 8.60 |
| | | *For Stainless Steel, Add* | *23.75* | |
| 11 30 13 13-0025 | EA | 1.2 CF Countertop Microwave Oven | 210.28 | 8.60 |
| | | *For Stainless Steel, Add* | *28.96* | |
| 11 30 13 13-0026 | EA | 1.3 CF Countertop Microwave Oven | 216.07 | 8.60 |
| | | *For Stainless Steel, Add* | *29.83* | |
| 11 30 13 13-0027 | EA | 1.4 CF Countertop Microwave Oven | 266.30 | 8.60 |
| | | *For Stainless Steel, Add* | *37.37* | |
| 11 30 13 13-0028 | EA | 1.5 CF Countertop Microwave Oven | 285.61 | 8.60 |
| | | *For Stainless Steel, Add* | *40.26* | |
| 11 30 13 13-0029 | EA | 1.6 CF Countertop Microwave Oven | 304.92 | 8.60 |
| | | *For Stainless Steel, Add* | *43.16* | |
| 11 30 13 13-0030 | EA | 1.7 CF Countertop Microwave Oven | 324.23 | 8.60 |
| | | *For Stainless Steel, Add* | *46.05* | |
| 11 30 13 13-0031 | EA | 1.8 CF Countertop Microwave Oven | 343.54 | 8.60 |
| | | *For Stainless Steel, Add* | *48.95* | |
| 11 30 13 13-0032 | EA | 2.0 CF Countertop Microwave Oven | 364.76 | 8.60 |
| | | *For Stainless Steel, Add* | *52.13* | |

### 11 30 13 13-0033 Over-The-Range Microwaves *(11 30 13 13-0022)*

| | | | | |
|---|---|---|---|---|
| 11 30 13 13-0034 | EA | 1.5 CF Over-The Range Microwave | 596.71 | 68.78 |
| | | *For Stainless Steel, Add* | *74.03* | |
| 11 30 13 13-0035 | EA | 1.6 CF Over-The Range Microwave | 680.54 | 68.78 |
| | | *For Stainless Steel, Add* | *86.61* | |
| 11 30 13 13-0036 | EA | 1.7 CF Over-The Range Microwave | 707.55 | 68.78 |
| | | *For Stainless Steel, Add* | *90.66* | |
| 11 30 13 13-0037 | EA | 1.8 CF Over-The Range Microwave | 910.31 | 68.78 |
| | | *For Stainless Steel, Add* | *121.07* | |
| 11 30 13 13-0038 | EA | 2.0 CF Over-The Range Microwave | 719.16 | 68.78 |
| | | *For Stainless Steel, Add* | *92.40* | |
| 11 30 13 13-0039 | EA | 1.6 CF Over-the-Range Microwave (Hotpoint® RVM5160DHWW) | 416.88 | 51.59 |

### 11 30 13 13-0040 Trash Compactors *(11 30 13 13)*

| | | | | |
|---|---|---|---|---|
| 11 30 13 13-0041 | EA | 15" Built-In Trash Compactor, 4 To 1 Compaction | 1,390.81 | 68.79 |
| | | *For Stainless Steel, Add* | *225.58* | |

### 11 30 13 13-0042 Refrigerators *(11 30 13 13)*

### 11 30 13 13-0043 Top Freezer Refrigerators *(11 30 13 13-0042)*

| | | | | |
|---|---|---|---|---|
| 11 30 13 13-0044 | EA | Up To 10 CF Top Freezer Refrigerator | 686.69 | 34.40 |
| | | *For Stainless Steel, Add* | *92.69* | |
| 11 30 13 13-0045 | EA | >10 To 12 CF Top Freezer Refrigerator | 839.26 | 34.40 |
| | | *For Stainless Steel, Add* | *115.57* | |
| 11 30 13 13-0046 | EA | >12 To 14 CF Top Freezer Refrigerator | 937.72 | 34.40 |
| | | *For Stainless Steel, Add* | *130.34* | |
| 11 30 13 13-0047 | EA | >14 To 16 CF Top Freezer Refrigerator | 995.65 | 34.40 |
| | | *For Stainless Steel, Add* | *139.03* | |
| 11 30 13 13-0048 | EA | >16 To 18 CF Top Freezer Refrigerator | 1,150.13 | 34.40 |
| | | *For Stainless Steel, Add* | *162.20* | |
| 11 30 13 13-0049 | EA | >18 To 20 CF Top Freezer Refrigerator | 1,283.39 | 34.40 |
| | | *For Stainless Steel, Add* | *182.19* | |
| 11 30 13 13-0050 | EA | >20 To 22 CF Top Freezer Refrigerator | 1,381.85 | 34.40 |
| | | *For Stainless Steel, Add* | *196.96* | |
| 11 30 13 13-0051 | EA | 14.6 CF, Top-Freezer Refrigerator (Hotpoint® ENERGY STAR® HPE15BTHWW) | 1,146.03 | 34.40 |

### 11 30 13 13-0052 Side-By-Side Refrigerators *(11 30 13 13-0042)*

| | | | | |
|---|---|---|---|---|
| 11 30 13 13-0053 | EA | Up To 22 CF Side-By-Side Refrigerator | 1,420.26 | 34.40 |
| | | *For Stainless Steel, Add* | *202.72* | |
| 11 30 13 13-0054 | EA | >22 To 24 CF Side-By-Side Refrigerator | 1,768.05 | 34.40 |
| | | *For Stainless Steel, Add* | *254.89* | |
| 11 30 13 13-0055 | EA | >24 To 26 CF Side-By-Side Refrigerator | 1,999.77 | 34.40 |
| | | *For Stainless Steel, Add* | *289.65* | |

### 11 30 13 13-0056 Other Refrigerators *(11 30 13 13-0042)*

| | | | | |
|---|---|---|---|---|
| 11 30 13 13-0057 | EA | 1.7 CF Dormitory Sized Refrigerator | 223.83 | 17.20 |
| | | *For Stainless Steel, Add* | *28.41* | |
| 11 30 13 13-0058 | EA | 4.4 CF Dormitory Sized Refrigerator | 310.73 | 17.20 |
| | | *For Stainless Steel, Add* | *41.45* | |

### 11 30 13 13-0059 Freezers *(11 30 13 13)*

### 11 30 13 13-0060 Upright Freezers *(11 30 13 13-0059)*

| | | | | |
|---|---|---|---|---|
| 11 30 13 13-0061 | EA | Up To 10 CF Upright Freezer | 646.16 | 34.40 |
| | | *For Stainless Steel, Add* | *86.61* | |
| 11 30 13 13-0062 | EA | >10 To 12 CF Upright Freezer | 839.26 | 34.40 |
| | | *For Stainless Steel, Add* | *115.57* | |
| 11 30 13 13-0063 | EA | >12 To 14 CF Upright Freezer | 897.19 | 34.40 |
| | | *For Stainless Steel, Add* | *124.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 30 13 13-0064 | EA | >14 To 16 CF Upright Freezer | 1,032.36 | 34.40 |
| | | *For Stainless Steel, Add* | *144.54* | |
| 11 30 13 13-0065 | EA | >16 To 18 CF Upright Freezer | 1,188.75 | 34.40 |
| | | *For Stainless Steel, Add* | *167.99* | |
| 11 30 13 13-0066 | EA | >18 To 20 CF Upright Freezer | 1,266.01 | 34.40 |
| | | *For Stainless Steel, Add* | *179.58* | |
| 11 30 13 13-0067 | EA | >20 To 22 CF Upright Freezer | 1,323.92 | 34.40 |
| | | *For Stainless Steel, Add* | *188.27* | |
| **11 30 13 13-0068** | | **Chest Freezers** *(11 30 13 13-0059)* | | |
| 11 30 13 13-0069 | EA | Up To 8 CF Chest Freezer | 512.90 | 34.40 |
| | | *For Stainless Steel, Add* | *66.62* | |
| 11 30 13 13-0070 | EA | >8 To 10 CF Chest Freezer | 648.07 | 34.40 |
| | | *For Stainless Steel, Add* | *86.89* | |
| 11 30 13 13-0071 | EA | >10 To 12 CF Chest Freezer | 696.37 | 34.40 |
| | | *For Stainless Steel, Add* | *94.14* | |
| 11 30 13 13-0072 | EA | >12 To 14 CF Chest Freezer | 783.24 | 34.40 |
| | | *For Stainless Steel, Add* | *107.17* | |
| 11 30 13 13-0073 | EA | >14 To 16 CF Chest Freezer | 839.26 | 34.40 |
| | | *For Stainless Steel, Add* | *115.57* | |
| 11 30 13 13-0074 | EA | >16 To 18 CF Chest Freezer | 1,032.36 | 34.40 |
| | | *For Stainless Steel, Add* | *144.54* | |
| 11 30 13 13-0075 | EA | >18 To 20 CF Chest Freezer | 1,283.39 | 34.40 |
| | | *For Stainless Steel, Add* | *182.19* | |
| 11 30 13 13-0076 | EA | >20 To 22 CF Chest Freezer | 1,323.92 | 34.40 |
| | | *For Stainless Steel, Add* | *188.27* | |
| **11 30 13 13-0077** | | **Automatic Ice Makers** *(11 30 13 13)* | | |
| 11 30 13 13-0078 | EA | 15" Wide, 50 LB Per Day, Automatic Ice Maker | 2,450.93 | 68.79 |
| 11 30 13 13-0079 | EA | 18" Wide, 50 LB Per Day, Automatic Ice Maker | 2,740.58 | 68.79 |
| **11 30 13 13-0080** | | **Built-In Dishwashers** *(11 30 13 13)* | | |
| 11 30 13 13-0081 | EA | 18" Built-In Dishwasher | 1,161.00 | 68.79 |
| | | *For Stainless Steel, Add* | *153.51* | |
| 11 30 13 13-0082 | EA | 24" Built-In Dishwasher | 755.49 | 68.79 |
| | | *For Stainless Steel, Add* | *92.69* | |
| **11 30 13 13-0083** | | **Disposals** *(11 30 13 13)* | | |
| 11 30 13 13-0084 | EA | 1/3 HP Insulated Garbage Disposal (GE GFC320V) | 236.43 | 51.60 |
| 11 30 13 13-0085 | EA | 1/2 HP Insulated Garbage Disposal (GE GFC520V) | 275.05 | 51.60 |
| 11 30 13 13-0086 | EA | 3/4 HP Insulated Garbage Disposal (GE GFC720V) | 371.60 | 51.60 |
| 11 30 13 13-0087 | EA | 1 HP Insulated Garbage Disposal (GE GFC1020V) | 468.15 | 51.60 |
| **11 30 13 13-0088** | | **Automatic Water Softener** *(11 30 13 13)* | | |
| 11 30 13 13-0089 | EA | 30,000 Grain Capacity, Water Softener (Whirlpool WHES30) | 1,265.26 | 213.85 |
| 11 30 13 13-0090 | EA | 40,000 Grain Capacity, Water Softener (Whirlpool WHES40) | 1,502.46 | 213.85 |
| **11 30 13 13-0091** | | **Removal And Reinstallation Of Kitchen Equipment** *(11 30 13 13)*<br>Note: Includes storage, cleaning and final connections. | | |
| 11 30 13 13-0092 | EA | Removal And Reinstallation Of Garbage Disposal | 103.19 | |
| 11 30 13 13-0093 | EA | Removal And Reinstallation Of Stove/Range | 206.38 | |
| 11 30 13 13-0094 | EA | Removal And Reinstallation Of Dishwasher | 220.15 | |
| 11 30 13 13-0095 | EA | Removal And Reinstallation Of Range Hood | 103.19 | |
| 11 30 13 13-0096 | EA | Removal And Reinstallation Of Washer And Dryer | 171.99 | |
| **11 30 13 13-0097** | | **Appliance Repair** *(11 30 13 13)*<br>Note: Includes removal. | | |
| 11 30 13 13-0098 | EA | 8" Burner Replacement | 30.73 | |
| 11 30 13 13-0099 | EA | 4" Burner Element Replacement | 54.81 | |
| 11 30 13 13-0100 | EA | 8" Burner Element Replacement | 62.98 | |
| 11 30 13 13-0101 | EA | Burner Manifold Replacement | 208.79 | |
| 11 30 13 13-0102 | EA | Burner Switch Replacement | 86.60 | |
| 11 30 13 13-0103 | EA | Burner Tube, 5/8" x 4' Replacement | 39.58 | |
| 11 30 13 13-0104 | EA | Oven Control Replacement | 104.76 | |
| 11 30 13 13-0105 | EA | Oven Door Gasket Replacement | 40.93 | |
| 11 30 13 13-0106 | EA | Oven Element Replacement | 98.59 | |
| 11 30 13 13-0107 | EA | Oven Igniter Replacement | 71.18 | |
| 11 30 13 13-0108 | EA | Oven Knobs Replacement | 54.58 | |
| **11 30 13 13-0109** | | **Accessories** *(11 30 13 13)* | | |
| 11 30 13 13-0110 | SF | Colored Metal Range Splash Plate | 16.69 | 2.75 |
| 11 30 13 13-0111 | SF | Stainless Steel Range Splash Plate | 25.69 | 2.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 30 13 23** | | **Residential Laundry Appliances** *(11 30 13)* | | |
| 11 30 13 23-0001 | | Washing Machines And Dryers *(11 30 13 23)* | | |
| 11 30 13 23-0002 | | Washing Machines *(11 30 13 23-0001)* | | |
| 11 30 13 23-0003 | EA | Up To 3.5 CF, Top Load Washing Machine | 894.88 | 68.79 |
| 11 30 13 23-0004 | EA | >3.5 To 4 CF, Top Load Washing Machine | 1,454.87 | 68.79 |
| 11 30 13 23-0005 | EA | >4 To 5 CF, Top Load Washing Machine | 1,937.62 | 68.79 |
| 11 30 13 23-0006 | | Dryers *(11 30 13 23-0001)* | | |
| 11 30 13 23-0007 | | Electric Dryers *(11 30 13 23-0006)* | | |
| 11 30 13 23-0008 | EA | Up To 6 CF, Electric Dryer | 680.56 | 68.79 |
| 11 30 13 23-0009 | EA | >6 To 6.5 CF, Electric Dryer | 875.57 | 68.79 |
| 11 30 13 23-0010 | EA | >6.5 To 7 CF, Electric Dryer | 1,087.98 | 68.79 |
| 11 30 13 23-0011 | EA | >7 To 7.5 CF, Electric Dryer | 1,242.46 | 68.79 |
| 11 30 13 23-0012 | | Gas Dryers *(11 30 13 23-0006)* | | |
| 11 30 13 23-0013 | EA | Up To 6 CF, Gas Dryer | 817.64 | 68.79 |
| 11 30 13 23-0014 | EA | >6 To 6.5 CF, Gas Dryer | 1,010.74 | 68.79 |
| 11 30 13 23-0015 | EA | >6.5 To 7 CF, Gas Dryer | 1,203.63 | 68.79 |
| 11 30 13 23-0016 | EA | >7 To 7.5 CF, Gas Dryer | 1,377.63 | 68.79 |
| 11 30 33 | | Retractable Stairs *(11 30)* | | |
| 11 30 33 00-0001 | | Disappearing Folding Access Stairs *(11 30 33)* | | |
| 11 30 33 00-0002 | | 250 LB Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)* | | |
| 11 30 33 00-0003 | EA | 22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity | 564.93 | 171.78 |
| 11 30 33 00-0004 | EA | 22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity | 575.57 | 171.78 |
| 11 30 33 00-0005 | EA | 25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity | 575.57 | 171.78 |
| 11 30 33 00-0006 | EA | 25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity | 585.95 | 171.78 |
| 11 30 33 00-0007 | | 350 LB Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)* | | |
| 11 30 33 00-0008 | EA | 22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity | 662.08 | 171.78 |
| 11 30 33 00-0009 | EA | 22-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity | 683.60 | 171.78 |
| 11 30 33 00-0010 | EA | 25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity | 674.75 | 171.78 |
| 11 30 33 00-0011 | EA | 25-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity | 695.31 | 171.78 |
| 11 30 33 00-0012 | EA | 30" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity | 687.04 | 171.78 |
| 11 30 33 00-0013 | EA | 30" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity | 722.58 | 171.78 |
| 11 30 33 00-0014 | | 300 LB Capacity, Aluminum Folding Access Stairs *(11 30 33 00-0001)* | | |
| 11 30 33 00-0015 | EA | 22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity | 656.32 | 171.78 |
| 11 30 33 00-0016 | EA | 22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity | 685.42 | 171.78 |
| 11 30 33 00-0017 | EA | 25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity | 664.42 | 171.78 |
| 11 30 33 00-0018 | EA | 25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity | 693.51 | 171.78 |
| 11 30 33 00-0019 | EA | 25-1/2" x 54" Rough Opening, 10' 5" To 12' Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity | 855.53 | 171.78 |
| 11 30 33 00-0020 | | 300 LB Capacity, Steel Folding Access Stairs *(11 30 33 00-0001)* | | |
| 11 30 33 00-0021 | EA | 22-1/2" x 54" Rough Opening, 7' 3" To 8' 4" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity | 687.28 | 171.78 |
| 11 30 33 00-0022 | EA | 22-1/2" x 54" Rough Opening, 8' 4" To 10' 3" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity | 723.77 | 171.78 |
| 11 32 | | Unit Kitchens *(11 30)* | | |
| **11 32 13** | | **Metal Unit Kitchens** *(11 32)* | | |
| | | Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping. | | |
| 11 32 13 00-0001 | | 30" Compact Kitchen *(11 32 13)* | | |
| 11 32 13 00-0002 | EA | 30" Compact Unit Kitchen With Refrigerator, Range And Sink | 2,173.14 | 580.57 |
| | | *For Gas Unit, Add* | *209.86* | |
| 11 32 13 00-0003 | EA | 30" Compact Unit Kitchen With Refrigerator And Sink | 1,791.16 | 406.40 |
| 11 32 13 00-0004 | EA | 30" Compact Unit Kitchen With Refrigerator And Range | 1,623.55 | 348.35 |
| 11 32 13 00-0005 | EA | 30" Compact Unit Kitchen Cabinet For Upper Wall Section | 463.50 | 257.53 |
| 11 32 13 00-0006 | EA | 30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section | 926.09 | 171.68 |
| | | *For Range Hood In Upper Section, Add* | *179.00* | |
| 11 32 13 00-0007 | EA | 30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall | 59.60 | 13.76 |
| 11 32 13 00-0008 | EA | 30" Compact Unit Kitchen Stainless Steel Shield For Side Wall | 53.90 | 13.76 |
| 11 32 13 00-0009 | | 42" Compact Kitchen *(11 32 13)* | | |
| 11 32 13 00-0010 | EA | 42" Compact Unit Kitchen With Refrigerator, Range And Sink | 2,506.20 | 638.64 |
| | | *For Gas Unit, Add* | *248.20* | |
| 11 32 13 00-0011 | EA | 42" Compact Unit Kitchen With Refrigerator And Sink | 2,225.91 | 522.51 |
| 11 32 13 00-0012 | EA | 42" Compact Unit Kitchen Cabinet For Upper Wall Section | 583.66 | 145.93 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 32 13 00-0013 | EA | 42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section | 1,072.85 | 193.14 |
| | | *For Range Hood In Upper Section, Add* | *179.00* | |
| 11 32 13 00-0014 | EA | 42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall | 71.18 | 13.76 |
| 11 32 13 00-0015 | EA | 42" Compact Unit Kitchen Stainless Steel Shield For Side Wall | 59.95 | 13.76 |
| 11 32 13 00-0016 | | 54" Compact Kitchen *(11 32 13)* | | |
| 11 32 13 00-0017 | EA | 54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink | 3,359.17 | 812.81 |
| | | *For Gas Unit, Add* | *341.31* | |
| 11 32 13 00-0018 | EA | 54" Compact Unit Kitchen Cabinet For Upper Wall Section | 720.98 | 85.84 |
| 11 32 13 00-0019 | EA | 54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section | 1,193.01 | 214.61 |
| | | *For Range Hood In Upper Section, Add* | *179.00* | |
| 11 32 13 00-0020 | EA | 54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall | 82.61 | 13.76 |
| 11 32 13 00-0021 | EA | 54" Compact Unit Kitchen Stainless Steel Shield For Side Wall | 62.56 | 13.76 |
| 11 32 13 00-0022 | | 60" Compact Kitchen *(11 32 13)* | | |
| 11 32 13 00-0023 | EA | 60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink | 3,543.94 | 870.86 |
| | | *For Gas Unit, Add* | *357.42* | |
| 11 32 13 00-0024 | EA | 60" Compact Unit Kitchen Cabinet For Upper Wall Section | 858.31 | 214.61 |
| 11 32 13 00-0025 | EA | 60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall | 87.43 | 13.76 |
| 11 32 13 00-0026 | EA | 60" Compact Unit Kitchen Stainless Steel Shield For Side Wall | 62.56 | 13.76 |
| 11 32 13 00-0027 | | 72" Compact Kitchen *(11 32 13)* | | |
| 11 32 13 00-0028 | EA | 72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink | 3,797.36 | 928.92 |
| | | *For Gas Unit, Add* | *383.82* | |
| 11 32 13 00-0029 | EA | 72" Compact Unit Kitchen Cabinet For Upper Wall Section | 1,047.13 | 257.53 |
| 11 32 13 00-0030 | EA | 72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall | 101.78 | 17.20 |
| 11 32 13 00-0031 | EA | 72" Compact Unit Kitchen Stainless Steel Shield For Side Wall | 65.68 | 17.20 |

# 11 40 Foodservice Equipment *(11)*

## 11 41 Foodservice Storage Equipment *(11 40)*

### 11 41 13 Refrigerated Food Storage Cases *(11 41)*

| | | | | |
|---|---|---|---|---|
| 11 41 13 00-0001 | | Frozen Food Cases *(11 41 13)* | | |
| 11 41 13 00-0002 | LF | Chest Type Frozen Food Case | 1,467.08 | 348.49 |
| 11 41 13 00-0003 | LF | Reach-in Frozen Food Case (Glass Door) | 2,855.30 | 348.49 |
| 11 41 13 00-0004 | LF | Island Type Frozen Food Case | 1,711.38 | 348.49 |
| 11 41 13 00-0005 | LF | Multi-Deck Frozen Food Case | 2,737.07 | 348.49 |
| 11 41 13 00-0006 | | Reach-In Refrigerators *(11 41 13)* | | |
| 11 41 13 00-0007 | EA | Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator | 4,971.10 | 150.26 |
| 11 41 13 00-0008 | EA | Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator | 6,122.51 | 189.52 |
| 11 41 13 00-0009 | EA | Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator | 8,186.89 | 209.38 |
| 11 41 13 00-0010 | EA | Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator | 5,173.62 | 150.26 |
| 11 41 13 00-0011 | EA | Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator | 6,732.75 | 189.52 |
| 11 41 13 00-0012 | EA | Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator | 8,967.79 | 209.38 |
| 11 41 13 00-0013 | EA | Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator | 5,976.24 | 150.26 |
| 11 41 13 00-0014 | EA | Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator | 8,086.32 | 189.52 |
| 11 41 13 00-0015 | EA | Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator | 7,039.93 | 150.26 |
| 11 41 13 00-0016 | EA | Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator | 10,152.13 | 189.52 |
| 11 41 13 00-0017 | | Reach-In Freezers *(11 41 13)* | | |
| 11 41 13 00-0018 | EA | Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer | 5,594.37 | 150.44 |
| 11 41 13 00-0019 | EA | Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer | 7,419.79 | 189.25 |

### 11 41 23 Walk-In-Coolers *(11 41)*

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0001 | | Walk-In Refrigerated Boxes *(11 41 23)*<br>Note: Overall height includes 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting. | | |
| 11 41 23 00-0002 | | Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*<br>Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide. | | |
| 11 41 23 00-0003 | EA | 6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 7,248.06 | 1,047.22 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-1,462.88* | |
| 11 41 23 00-0004 | EA | 6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 8,642.69 | 1,178.12 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-1,767.97* | |
| 11 41 23 00-0005 | EA | 6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 9,168.30 | 1,309.02 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-1,855.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0006 | EA | 6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 10,390.77 | 1,570.82 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,074.37* | |
| 11 41 23 00-0007 | EA | 6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 11,991.53 | 1,832.62 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,387.33* | |
| 11 41 23 00-0008 | EA | 6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 13,273.69 | 2,094.43 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,620.16* | |
| 11 41 23 00-0009 | EA | 6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 14,533.58 | 2,356.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,847.98* | |
| 11 41 23 00-0010 | EA | 8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 9,526.73 | 1,309.02 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-1,945.34* | |
| 11 41 23 00-0011 | EA | 8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 10,428.12 | 1,439.92 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,127.19* | |
| 11 41 23 00-0012 | EA | 8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 11,770.96 | 1,701.73 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,375.25* | |
| 11 41 23 00-0013 | EA | 8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 13,520.15 | 1,963.53 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,725.53* | |
| 11 41 23 00-0014 | EA | 8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 14,883.55 | 2,225.34 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,979.37* | |
| 11 41 23 00-0015 | EA | 8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 16,289.57 | 2,487.14 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,243.20* | |
| 11 41 23 00-0016 | EA | 8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 17,651.47 | 2,748.95 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,497.04* | |
| 11 41 23 00-0017 | EA | 8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 19,053.62 | 3,010.74 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,759.56* | |
| 11 41 23 00-0018 | EA | 8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 20,422.25 | 3,272.54 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,014.72* | |

### 11 41 23 00-0019 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0020 | EA | 10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 11,805.57 | 1,570.82 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,428.07* | |
| 11 41 23 00-0021 | EA | 10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 13,266.53 | 1,832.62 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,706.08* | |
| 11 41 23 00-0022 | EA | 10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 14,789.39 | 2,094.43 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,999.08* | |
| 11 41 23 00-0023 | EA | 10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 16,230.07 | 2,356.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,272.11* | |
| 11 41 23 00-0024 | EA | 10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 17,773.25 | 2,618.04 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,571.41* | |
| 11 41 23 00-0025 | EA | 10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 19,215.00 | 2,879.84 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,843.12* | |
| 11 41 23 00-0026 | EA | 10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 20,762.62 | 3,141.65 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,144.00* | |
| 11 41 23 00-0027 | EA | 10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 22,196.51 | 3,403.45 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,415.45* | |
| 11 41 23 00-0028 | EA | 10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 23,743.42 | 3,665.26 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,714.76* | |
| 11 41 23 00-0029 | EA | 10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 25,187.20 | 3,927.06 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,987.78* | |
| 11 41 23 00-0030 | EA | 10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 26,907.53 | 4,319.76 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,287.35* | |
| 11 41 23 00-0031 | EA | 10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 28,508.43 | 4,712.47 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,558.80* | |
| 11 41 23 00-0032 | EA | 12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 14,639.59 | 1,963.53 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,005.39* | |
| 11 41 23 00-0033 | EA | 12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 16,318.31 | 2,225.34 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,338.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0034 | EA | 12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 17,866.23 | 2,487.14 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,637.37* | |
| 11 41 23 00-0035 | EA | 12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 19,537.16 | 2,748.95 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,968.47* | |
| 11 41 23 00-0036 | EA | 12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 21,092.77 | 3,010.74 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,269.35* | |
| 11 41 23 00-0037 | EA | 12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 22,764.12 | 3,272.54 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,600.18* | |
| 11 41 23 00-0038 | EA | 12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 24,306.65 | 3,534.35 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,899.49* | |
| 11 41 23 00-0039 | EA | 12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 25,989.29 | 3,796.15 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,232.16* | |
| 11 41 23 00-0040 | EA | 12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 27,625.95 | 4,123.41 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,531.47* | |
| 11 41 23 00-0041 | EA | 12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 29,473.35 | 4,516.12 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,862.57* | |
| 11 41 23 00-0042 | EA | 12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 31,198.89 | 4,908.83 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,163.45* | |
| 11 41 23 00-0043 | EA | 12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 33,040.18 | 5,301.53 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,494.28* | |
| 11 41 23 00-0044 | EA | 12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 34,755.54 | 5,694.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,793.59* | |

### 11 41 23 00-0045 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0046 | EA | 14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 19,248.86 | 2,356.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,026.80* | |
| 11 41 23 00-0047 | EA | 14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 21,113.67 | 2,618.04 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,406.52* | |
| 11 41 23 00-0048 | EA | 14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 23,129.34 | 2,879.84 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,821.71* | |
| 11 41 23 00-0049 | EA | 14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 24,993.34 | 3,141.65 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,201.68* | |
| 11 41 23 00-0050 | EA | 14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 26,995.88 | 3,403.45 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,615.29* | |
| 11 41 23 00-0051 | EA | 14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 28,871.78 | 3,665.26 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,996.85* | |
| 11 41 23 00-0052 | EA | 14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 30,877.91 | 3,927.06 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,410.46* | |
| 11 41 23 00-0053 | EA | 14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 32,919.88 | 4,319.76 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,790.43* | |
| 11 41 23 00-0054 | EA | 14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 35,095.74 | 4,712.47 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,205.62* | |
| 11 41 23 00-0055 | EA | 14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 37,159.15 | 5,105.18 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,585.34* | |
| 11 41 23 00-0056 | EA | 14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 39,323.44 | 5,497.88 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,999.21* | |
| 11 41 23 00-0057 | EA | 14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 41,376.11 | 5,825.14 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,380.50* | |

### 11 41 23 00-0058 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0059 | EA | 16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 23,069.94 | 2,748.95 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,851.66* | |
| 11 41 23 00-0060 | EA | 16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 25,218.38 | 3,010.74 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,300.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0061 | EA | 16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 27,297.56 | 3,272.54 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,733.54* | |
| 11 41 23 00-0062 | EA | 16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 29,445.52 | 3,534.35 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,184.21* | |
| 11 41 23 00-0063 | EA | 16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 31,528.64 | 3,796.15 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,617.00* | |
| 11 41 23 00-0064 | EA | 16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 33,764.43 | 4,123.41 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,066.09* | |
| 11 41 23 00-0065 | EA | 16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 36,024.92 | 4,516.12 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,500.46* | |
| 11 41 23 00-0066 | EA | 16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 38,343.28 | 4,908.83 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,949.55* | |
| 11 41 23 00-0067 | EA | 16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 40,592.41 | 5,301.53 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,382.34* | |
| 11 41 23 00-0068 | EA | 16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 42,913.20 | 5,694.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,833.00* | |
| 11 41 23 00-0069 | EA | 18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 26,984.14 | 3,141.65 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,699.38* | |
| 11 41 23 00-0070 | EA | 18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 29,186.39 | 3,403.45 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,162.92* | |
| 11 41 23 00-0071 | EA | 18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 31,502.71 | 3,665.26 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,654.58* | |
| 11 41 23 00-0072 | EA | 18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 33,703.29 | 3,927.06 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,116.80* | |
| 11 41 23 00-0073 | EA | 18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 36,197.24 | 4,319.76 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,609.77* | |
| 11 41 23 00-0074 | EA | 18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 38,561.25 | 4,712.47 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,072.00* | |
| 11 41 23 00-0075 | EA | 18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 41,072.43 | 5,105.18 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,563.66* | |
| 11 41 23 00-0076 | EA | 18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 43,435.38 | 5,497.88 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-9,027.20* | |
| 11 41 23 00-0077 | EA | 18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 45,929.52 | 5,890.58 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-9,518.85* | |
| 11 41 23 00-0078 | EA | 18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 48,461.40 | 6,370.56 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-9,981.08* | |

## 11 41 23 00-0079 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0080 | EA | 6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 7,628.56 | 1,047.22 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-1,558.01* | |
| 11 41 23 00-0081 | EA | 6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 8,789.84 | 1,178.12 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-1,804.76* | |
| 11 41 23 00-0082 | EA | 6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 9,651.81 | 1,309.02 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-1,976.61* | |
| 11 41 23 00-0083 | EA | 6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 10,945.76 | 1,570.82 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,213.11* | |
| 11 41 23 00-0084 | EA | 6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 12,578.05 | 1,832.62 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,533.96* | |
| 11 41 23 00-0085 | EA | 6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 13,931.68 | 2,094.43 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,784.65* | |
| 11 41 23 00-0086 | EA | 6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 15,223.11 | 2,356.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,020.37* | |
| 11 41 23 00-0087 | EA | 8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 10,050.18 | 1,309.02 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,076.21* | |
| 11 41 23 00-0088 | EA | 8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 10,983.10 | 1,439.92 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,265.93* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0089 | EA | 8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 12,397.42 | 1,701.73 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,531.86* | |
| 11 41 23 00-0090 | EA | 8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 14,178.15 | 1,963.53 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,890.03* | |
| 11 41 23 00-0091 | EA | 8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 15,613.02 | 2,225.34 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,161.74* | |
| 11 41 23 00-0092 | EA | 8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 17,050.57 | 2,487.14 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,433.45* | |
| 11 41 23 00-0093 | EA | 8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 18,483.95 | 2,748.95 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,705.16* | |
| 11 41 23 00-0094 | EA | 8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 19,917.63 | 3,010.74 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,975.56* | |
| 11 41 23 00-0095 | EA | 8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 21,357.74 | 3,272.54 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,248.59* | |

## 11 41 23 00-0096 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0097 | EA | 10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 12,392.09 | 1,570.82 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,574.70* | |
| 11 41 23 00-0098 | EA | 10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 13,924.53 | 1,832.62 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-2,870.58* | |
| 11 41 23 00-0099 | EA | 10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 15,478.92 | 2,094.43 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,171.46* | |
| 11 41 23 00-0100 | EA | 10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 16,991.08 | 2,356.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,462.36* | |
| 11 41 23 00-0101 | EA | 10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 18,565.78 | 2,618.04 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,769.54* | |
| 11 41 23 00-0102 | EA | 10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 20,079.02 | 2,879.84 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,059.13* | |
| 11 41 23 00-0103 | EA | 10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 21,658.17 | 3,141.65 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,367.89* | |
| 11 41 23 00-0104 | EA | 10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 23,163.53 | 3,403.45 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,657.21* | |
| 11 41 23 00-0105 | EA | 10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 24,741.97 | 3,665.26 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,964.39* | |
| 11 41 23 00-0106 | EA | 10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 26,257.23 | 3,927.06 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,255.29* | |
| 11 41 23 00-0107 | EA | 10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 28,009.10 | 4,319.76 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,562.74* | |
| 11 41 23 00-0108 | EA | 10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 29,681.47 | 4,647.02 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,852.06* | |
| 11 41 23 00-0109 | EA | 12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 15,369.06 | 1,963.53 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,187.76* | |
| 11 41 23 00-0110 | EA | 12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 17,079.31 | 2,225.34 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,528.31* | |
| 11 41 23 00-0111 | EA | 12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 18,698.71 | 2,487.14 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-3,845.49* | |
| 11 41 23 00-0112 | EA | 12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 20,401.18 | 2,748.95 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,184.47* | |
| 11 41 23 00-0113 | EA | 12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 22,028.26 | 3,010.74 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,503.22* | |
| 11 41 23 00-0114 | EA | 12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 23,731.14 | 3,272.54 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,841.94* | |
| 11 41 23 00-0115 | EA | 12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 25,345.14 | 3,534.35 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,159.11* | |
| 11 41 23 00-0116 | EA | 12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 27,059.32 | 3,796.15 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,499.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0117 | EA | 12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 28,767.45 | 4,123.41 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,816.84* | |
| 11 41 23 00-0118 | EA | 12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 30,646.39 | 4,516.12 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,155.83* | |
| 11 41 23 00-0119 | EA | 12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 32,443.40 | 4,908.83 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,474.58* | |
| 11 41 23 00-0120 | EA | 12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 34,316.23 | 5,301.53 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,813.30* | |
| 11 41 23 00-0121 | EA | 12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 36,103.06 | 5,694.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,130.47* | |

### 11 41 23 00-0122 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0123 | EA | 14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 20,041.40 | 2,356.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,224.94* | |
| 11 41 23 00-0124 | EA | 14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 21,977.69 | 2,618.04 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-4,622.52* | |
| 11 41 23 00-0125 | EA | 14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 24,024.88 | 2,879.84 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,045.59* | |
| 11 41 23 00-0126 | EA | 14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 25,960.36 | 3,141.65 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,443.44* | |
| 11 41 23 00-0127 | EA | 14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 27,994.43 | 3,403.45 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,864.93* | |
| 11 41 23 00-0128 | EA | 14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 29,941.81 | 3,665.26 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,264.35* | |
| 11 41 23 00-0129 | EA | 14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 31,979.47 | 3,927.06 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,685.85* | |
| 11 41 23 00-0130 | EA | 14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 34,092.92 | 4,319.76 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,083.69* | |
| 11 41 23 00-0131 | EA | 14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 36,300.31 | 4,712.47 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,506.77* | |
| 11 41 23 00-0132 | EA | 14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 38,435.20 | 5,105.18 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,904.35* | |
| 11 41 23 00-0133 | EA | 14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 40,631.02 | 5,497.88 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,326.11* | |
| 11 41 23 00-0134 | EA | 14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 42,755.17 | 5,890.58 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,725.27* | |

### 11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0136 | EA | 16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 24,005.43 | 2,748.95 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,085.53* | |
| 11 41 23 00-0137 | EA | 16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 26,185.40 | 3,010.74 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,542.50* | |
| 11 41 23 00-0138 | EA | 16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 28,336.06 | 3,272.54 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,993.17* | |
| 11 41 23 00-0139 | EA | 16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 30,515.55 | 3,534.35 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,451.71* | |
| 11 41 23 00-0140 | EA | 16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 32,670.15 | 3,796.15 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,902.38* | |
| 11 41 23 00-0141 | EA | 16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 34,937.47 | 4,123.41 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,359.35* | |
| 11 41 23 00-0142 | EA | 16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 37,269.44 | 4,516.12 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,811.59* | |
| 11 41 23 00-0143 | EA | 16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 39,619.33 | 4,908.83 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,268.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0144 | EA | 16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 41,939.93 | 5,301.53 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,719.22* | |
| 11 41 23 00-0145 | EA | 16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 44,292.26 | 5,694.23 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-9,177.77* | |
| 11 41 23 00-0146 | EA | 18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 27,982.70 | 3,141.65 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-5,949.02* | |
| 11 41 23 00-0147 | EA | 18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 30,256.42 | 3,403.45 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,430.43* | |
| 11 41 23 00-0148 | EA | 18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 32,604.27 | 3,665.26 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-6,929.97* | |
| 11 41 23 00-0149 | EA | 18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 34,876.33 | 3,927.06 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,410.06* | |
| 11 41 23 00-0150 | EA | 18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 37,401.82 | 4,319.76 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-7,910.92* | |
| 11 41 23 00-0151 | EA | 18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 39,837.29 | 4,712.47 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,391.01* | |
| 11 41 23 00-0152 | EA | 18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 42,380.01 | 5,105.18 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-8,890.55* | |
| 11 41 23 00-0153 | EA | 18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 44,814.44 | 5,497.88 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-9,371.96* | |
| 11 41 23 00-0154 | EA | 18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 47,340.11 | 5,890.58 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-9,871.50* | |
| 11 41 23 00-0155 | EA | 18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door | 49,943.47 | 6,370.56 |
| | | *For Refrigerated Boxes Without Floor, Deduct* | *-10,351.60* | |

### 11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons *(11 41 23 00-0001)*

| | | | |
|---|---|---|---|
| 11 41 23 00-0157 | SF | Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume® | 0.45 |
| 11 41 23 00-0158 | SF | Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume® | 0.83 |
| 11 41 23 00-0159 | SF | Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume® | 1.16 |
| 11 41 23 00-0160 | SF | Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume® | 8.20 |
| 11 41 23 00-0161 | SF | Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume® | 10.72 |
| 11 41 23 00-0162 | SF | Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume® | 1.32 |
| 11 41 23 00-0163 | SF | Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume® | 3.25 |
| 11 41 23 00-0164 | SF | Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume® | 4.20 |
| 11 41 23 00-0165 | SF | Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume® | 4.41 |
| 11 41 23 00-0166 | SF | Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor | -5.92 |
| 11 41 23 00-0167 | SF | Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor | 2.47 |
| 11 41 23 00-0168 | SF | Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor | 6.42 |
| 11 41 23 00-0169 | SF | Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor | 5.63 |
| 11 41 23 00-0170 | SF | Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor | 18.24 |

### 11 41 23 00-0171 Air Cooled Condensing Units For Walk-In Coolers And Freezers *(11 41 23)*

### 11 41 23 00-0172 Medium Temperature Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

### 11 41 23 00-0173 208/230 Volt, 1 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0174 | EA | 1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,248.64 | 160.39 |
| 11 41 23 00-0175 | EA | 3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,439.75 | 187.12 |
| 11 41 23 00-0176 | EA | 1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,962.55 | 213.85 |
| 11 41 23 00-0177 | EA | 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,278.80 | 240.59 |
| 11 41 23 00-0178 | EA | 2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,714.80 | 267.31 |
| 11 41 23 00-0179 | EA | 3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,309.01 | 320.77 |
| 11 41 23 00-0180 | EA | 4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 7,182.32 | 374.24 |
| 11 41 23 00-0181 | EA | 5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 7,717.82 | 427.70 |

### 11 41 23 00-0182 208/230 Volt, 3 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0183 | EA | 1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 3,968.03 | 213.85 |
| 11 41 23 00-0184 | EA | 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,278.80 | 240.59 |
| 11 41 23 00-0185 | EA | 2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,764.08 | 267.31 |
| 11 41 23 00-0186 | EA | 3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 5,250.34 | 320.77 |
| 11 41 23 00-0187 | EA | 4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 7,182.32 | 374.24 |
| 11 41 23 00-0188 | EA | 5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 7,649.76 | 427.70 |

### 11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 41 23 00-0190** | | **208/230 Volt, 1 Phase** *(11 41 23 00-0189)* Note: Pre-Assembled outdoor R404a. | | |
| 11 41 23 00-0191 | EA | 1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,154.38 | 160.39 |
| 11 41 23 00-0192 | EA | 3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,479.02 | 187.12 |
| 11 41 23 00-0193 | EA | 1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,010.96 | 213.85 |
| 11 41 23 00-0194 | EA | 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,189.44 | 240.59 |
| 11 41 23 00-0195 | EA | 2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,502.20 | 267.31 |
| 11 41 23 00-0196 | EA | 3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,137.44 | 320.77 |
| 11 41 23 00-0197 | EA | 4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 6,835.89 | 374.24 |
| 11 41 23 00-0198 | EA | 5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 7,329.86 | 427.70 |
| **11 41 23 00-0199** | | **208/230 Volt, 3 Phase** *(11 41 23 00-0189)* Note: Pre-Assembled outdoor R404a. | | |
| 11 41 23 00-0200 | EA | 1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,984.96 | 213.85 |
| 11 41 23 00-0201 | EA | 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,199.98 | 240.59 |
| 11 41 23 00-0202 | EA | 2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,557.00 | 267.31 |
| 11 41 23 00-0203 | EA | 3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,085.44 | 320.77 |
| 11 41 23 00-0204 | EA | 4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 6,852.05 | 374.24 |
| 11 41 23 00-0205 | EA | 5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 7,265.22 | 427.70 |
| **11 41 23 00-0206** | | **Low Temperature Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally. | | |
| **11 41 23 00-0207** | | **208/230 Volt, 1 Phase** *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a. | | |
| 11 41 23 00-0208 | EA | 1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,679.64 | 160.39 |
| 11 41 23 00-0209 | EA | 3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,826.17 | 187.12 |
| 11 41 23 00-0210 | EA | 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,017.31 | 213.85 |
| 11 41 23 00-0211 | EA | 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,296.01 | 240.59 |
| 11 41 23 00-0212 | EA | 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,676.47 | 267.31 |
| 11 41 23 00-0213 | EA | 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,524.12 | 320.77 |
| **11 41 23 00-0214** | | **208/230 Volt, 3 Phase** *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a. | | |
| 11 41 23 00-0215 | EA | 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,022.78 | 213.85 |
| 11 41 23 00-0216 | EA | 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,296.01 | 240.59 |
| 11 41 23 00-0217 | EA | 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,727.32 | 267.31 |
| 11 41 23 00-0218 | EA | 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 5,467.80 | 320.77 |
| **11 41 23 00-0219** | | **Low Temperature Hermetic System, Outdoor** *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally. | | |
| **11 41 23 00-0220** | | **208/230 Volt, 1 Phase** *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a. | | |
| 11 41 23 00-0221 | EA | 1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,698.89 | 160.39 |
| 11 41 23 00-0222 | EA | 3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,768.49 | 187.12 |
| 11 41 23 00-0223 | EA | 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 3,982.15 | 213.85 |
| 11 41 23 00-0224 | EA | 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,321.53 | 240.59 |
| 11 41 23 00-0225 | EA | 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,717.90 | 267.31 |
| 11 41 23 00-0226 | EA | 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,322.22 | 320.77 |
| **11 41 23 00-0227** | | **208/230 Volt, 3 Phase** *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a. | | |
| 11 41 23 00-0228 | EA | 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,109.32 | 213.85 |
| 11 41 23 00-0229 | EA | 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,384.06 | 240.59 |
| 11 41 23 00-0230 | EA | 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,768.49 | 267.31 |
| 11 41 23 00-0231 | EA | 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 5,270.93 | 320.77 |
| **11 41 23 00-0232** | | **Medium Temperature Semi-Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally. | | |
| **11 41 23 00-0233** | | **208/230 Volt, 1 Phase** *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a. | | |
| 11 41 23 00-0234 | EA | 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,199.56 | 213.85 |
| 11 41 23 00-0235 | EA | 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 9,585.76 | 427.70 |
| **11 41 23 00-0236** | | **208/230 Volt, 3 Phase** *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a. | | |
| 11 41 23 00-0237 | EA | 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,202.69 | 213.85 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0238 | EA | 2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 5,800.52 | 267.31 |
| 11 41 23 00-0239 | EA | 3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 7,235.61 | 320.77 |
| 11 41 23 00-0240 | EA | 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 9,458.26 | 427.70 |
| 11 41 23 00-0241 | | Medium Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)* | | |
| | | Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally. | | |
| 11 41 23 00-0242 | | 208/230 Volt, 1 Phase *(11 41 23 00-0241)* | | |
| | | Note: Pre-Assembled outdoor R404a. | | |
| 11 41 23 00-0243 | EA | 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,169.75 | 213.85 |
| 11 41 23 00-0244 | EA | 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 10,226.68 | 427.70 |
| 11 41 23 00-0245 | | 208/230 Volt, 3 Phase *(11 41 23 00-0241)* | | |
| | | Note: Pre-Assembled outdoor R404a. | | |
| 11 41 23 00-0246 | EA | 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,176.77 | 213.85 |
| 11 41 23 00-0247 | EA | 2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,939.92 | 267.31 |
| 11 41 23 00-0248 | EA | 3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 7,070.29 | 320.77 |
| 11 41 23 00-0249 | EA | 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 9,264.82 | 427.70 |
| 11 41 23 00-0250 | | Low Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)* | | |
| | | Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally. | | |
| 11 41 23 00-0251 | | 208/230 Volt, 1 Phase *(11 41 23 00-0250)* | | |
| | | Note: Pre-Assembled indoor R404a. | | |
| 11 41 23 00-0252 | EA | 3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,280.64 | 187.12 |
| 11 41 23 00-0253 | EA | 1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,579.72 | 213.85 |
| 11 41 23 00-0254 | EA | 1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,369.21 | 240.59 |
| 11 41 23 00-0255 | EA | 2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 6,215.10 | 267.31 |
| 11 41 23 00-0256 | EA | 3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 7,849.66 | 320.77 |
| 11 41 23 00-0257 | | 208/230 Volt, 3 Phase *(11 41 23 00-0250)* | | |
| | | Note: Pre-Assembled indoor R404a. | | |
| 11 41 23 00-0258 | EA | 3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,258.73 | 187.12 |
| 11 41 23 00-0259 | EA | 1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 4,576.59 | 213.85 |
| 11 41 23 00-0260 | EA | 1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 5,339.49 | 240.59 |
| 11 41 23 00-0261 | EA | 2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 6,163.48 | 267.31 |
| 11 41 23 00-0262 | EA | 3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 7,575.10 | 320.77 |
| 11 41 23 00-0263 | EA | 4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 10,556.82 | 374.24 |
| 11 41 23 00-0264 | EA | 6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 11,174.91 | 481.16 |
| 11 41 23 00-0265 | EA | 7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz | 16,045.88 | 561.36 |
| 11 41 23 00-0266 | | Low Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)* | | |
| | | Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally. | | |
| 11 41 23 00-0267 | | 208/230 Volt, 1 Phase *(11 41 23 00-0266)* | | |
| | | Note: Pre-Assembled outdoor R404a. | | |
| 11 41 23 00-0268 | EA | 3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,264.53 | 187.12 |
| 11 41 23 00-0269 | EA | 1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,481.70 | 213.85 |
| 11 41 23 00-0270 | EA | 1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,209.62 | 240.59 |
| 11 41 23 00-0271 | EA | 2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,979.77 | 267.31 |
| 11 41 23 00-0272 | EA | 3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 7,482.01 | 320.77 |
| 11 41 23 00-0273 | | 208/230 Volt, 3 Phase *(11 41 23 00-0266)* | | |
| | | Note: Pre-Assembled outdoor R404a. | | |
| 11 41 23 00-0274 | EA | 3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,202.70 | 187.12 |
| 11 41 23 00-0275 | EA | 1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 4,484.51 | 213.85 |
| 11 41 23 00-0276 | EA | 1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,199.08 | 240.59 |
| 11 41 23 00-0277 | EA | 2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 5,927.78 | 267.31 |
| 11 41 23 00-0278 | EA | 3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 7,259.29 | 320.77 |
| 11 41 23 00-0279 | EA | 4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 10,525.24 | 374.24 |
| 11 41 23 00-0280 | EA | 6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 11,164.00 | 481.16 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0281 | EA | 7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz | 15,637.00 | 561.36 |

## 11 41 23 00-0282 Walk-In Refrigerated Boxes Accessories *(11 41 23)*

See CSI section 08 71 00 00-0000 for additional door accessories.

## 11 41 23 00-0283 Accessories *(11 41 23 00-0282)*

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0284 | EA | Super Door Package, For 36" Or 42" Door<br>Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support. | 593.67 | |
| 11 41 23 00-0285 | EA | Super Door Package, For 48" Door<br>Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support. | 792.33 | |
| 11 41 23 00-0286 | EA | Super Door Package, For 60" Door<br>Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support. | 792.33 | |
| 11 41 23 00-0287 | EA | 14" x 24" Observation Window, Heated | 887.70 | |
| 11 41 23 00-0288 | EA | Heated Air Vent, Kason | 335.87 | |
| 11 41 23 00-0289 | EA | Heated Air Vent, Bally Polyvinyl Chloride (PVC) | 761.57 | |
| 11 41 23 00-0290 | EA | Interior Ramps For 36" Or 42" Wide Doors | 1,085.82 | |
| 11 41 23 00-0291 | EA | Interior Ramps For 48" Wide Doors | 1,185.68 | |
| 11 41 23 00-0292 | EA | Interior Ramps For 60" Wide Doors | 1,301.30 | |
| 11 41 23 00-0293 | EA | Exterior Ramps For 36" Or 42" Wide Doors | 448.85 | |
| 11 41 23 00-0294 | EA | Exterior Ramps For 48" Wide Doors | 810.43 | |
| 11 41 23 00-0295 | EA | Exterior Ramps For 60" Wide Doors | 810.43 | |
| 11 41 23 00-0296 | EA | Field Installed Extra Vapor-Proof Lights | 110.65 | |
| 11 41 23 00-0297 | EA | Field Installed Fluorescent Lights, 48", 2 Tubes | 485.89 | |
| 11 41 23 00-0298 | EA | Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted) | 1,064.00 | |
| 11 41 23 00-0299 | EA | Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted) | 1,117.61 | |
| 11 41 23 00-0300 | EA | Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted) | 538.45 | |
| 11 41 23 00-0301 | EA | Locking Devices, 36" Or 42" Wide Locking Bar | 308.26 | |
| 11 41 23 00-0302 | EA | Locking Devices, 48" Wide Locking Bar | 350.30 | |
| 11 41 23 00-0303 | EA | Locking Devices, 60" Wide Locking Bar | 350.30 | |
| 11 41 23 00-0304 | EA | Locking Devices, Mortise Dead Bolt (Cooler) | 615.18 | |
| 11 41 23 00-0305 | EA | Locking Devices, Mortise Dead Bolt (Freezer) | 753.93 | |
| 11 41 23 00-0306 | EA | Blast Freezer Kit, For 36" Or 42" Wide Doors | 1,216.16 | |
| 11 41 23 00-0307 | EA | Blast Freezer Kit, For 48" Wide Doors | 1,283.43 | |
| 11 41 23 00-0308 | EA | Blast Freezer Kit, For 60" Wide Doors | 1,319.17 | |
| 11 41 23 00-0309 | EA | Hardware Options, Polished For 36" Or 42" Door | 57.81 | |
| 11 41 23 00-0310 | EA | Hardware Options, Polished For 48" Or 60" Door | 47.30 | |
| 11 41 23 00-0311 | EA | Hardware Options, Chrome For 36" Or 42" Door | 146.10 | |
| 11 41 23 00-0312 | EA | Hardware Options, Chrome For 48" Or 60" Door | 78.83 | |
| 11 41 23 00-0313 | EA | Hardware Options, Positive Latch, 36" Or 42" Door | 189.99 | |
| 11 41 23 00-0314 | EA | Hardware Options, Strap Hinges, 36" Or 42" Door | 139.53 | |
| 11 41 23 00-0315 | EA | 4" Screed Door | 380.01 | |
| 11 41 23 00-0316 | EA | Doors Cut For Tile | 455.69 | |
| 11 41 23 00-0317 | EA | 84" High Doors (36" Wide) | 455.69 | |
| 11 41 23 00-0318 | EA | Doors Raised Or Lowered In Panel | 1,011.73 | |
| 11 41 23 00-0319 | EA | 57-1/2" Door Section | 299.08 | |
| 11 41 23 00-0320 | EA | 3 Way, Interior And Exterior, Light Switches | 250.45 | |
| 11 41 23 00-0321 | EA | 3 Way (1 Side Only) Light Switch | 127.41 | |
| 11 41 23 00-0322 | EA | Structural Support, 5" Reinforcing Ceilings (Every 23") | 227.57 | |
| 11 41 23 00-0323 | EA | Structural Support, 6" Reinforcing Ceilings (Every 23") | 286.44 | |
| 11 41 23 00-0324 | LF | Structural Support, Self-Supporting Standard Angle | 30.73 | |
| 11 41 23 00-0325 | LF | Structural Support, Self-Supporting 6" Channel | 39.40 | |
| 11 41 23 00-0326 | LF | Structural Support, Self-Supporting 8" Channel | 56.48 | |
| 11 41 23 00-0327 | LF | Structural Support, Self-Supporting 10" Channel | 89.32 | |
| 11 41 23 00-0328 | LF | Structural Support, Suspended Ceiling Support | 16.87 | |
| 11 41 23 00-0329 | LF | Factory Prepared Opening, Foam Cut Opening | 6.49 | |
| 11 41 23 00-0330 | LF | Factory Prepared Opening, Metal Capped Opening | 18.39 | |
| 11 41 23 00-0331 | LF | Factory Prepared Opening, Wood Framed Opening | 44.88 | |
| 11 41 23 00-0332 | LF | Factory Prepared Opening, Metal Capped Wood Framed Opening | 28.38 | |
| 11 41 23 00-0333 | LF | Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer) | 96.89 | |
| 11 41 23 00-0334 | SF | Outdoor Weather Roofs, Aluminum Roof Caps | 24.18 | |
| 11 41 23 00-0335 | SF | Outdoor Weather Roofs, Membrane Roof Caps | 5.78 | |
| 11 41 23 00-0336 | SF | Outdoor Weather Roofs, Painted Aluminum Roofs | 30.04 | |
| 11 41 23 00-0337 | SF | 1/8" Aluminum Tread Plate | 59.64 | |
| 11 41 23 00-0338 | SF | 3/16" Aluminum Tread Plate | 72.37 | |
| 11 41 23 00-0339 | EA | Digitemp Display Thermometer (Indoor Exterior Wall) | 241.98 | |
| 11 41 23 00-0340 | EA | 4-1/2" Dial Type Thermometer With 5' Cap Tube | 217.80 | |
| 11 41 23 00-0341 | EA | 6" Dial Type Thermometer With 5' Cap Tube | 691.85 | |
| 11 41 23 00-0342 | EA | 2" Dial Type Thermometer (Standard) | 79.06 | |
| 11 41 23 00-0343 | LF | Extra Capillary Tubing | 9.40 | |

## 11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0345 | EA | 5'-10" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 2,479.60 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *119.62* | |
| 11 41 23 00-0346 | EA | 6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 2,700.49 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *130.44* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0347 | EA | 7'-9" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 2,778.43 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *134.12* | |
| 11 41 23 00-0348 | EA | 8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 3,003.53 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *145.16* | |
| 11 41 23 00-0349 | EA | 9'-8" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 2,942.72 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *141.90* | |
| 11 41 23 00-0350 | EA | 10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 3,162.55 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *152.67* | |
| 11 41 23 00-0351 | EA | 11'-7" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 3,229.99 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *155.83* | |
| 11 41 23 00-0352 | EA | 12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 3,542.33 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *171.23* | |
| 11 41 23 00-0353 | EA | 13'-6" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 3,405.85 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *164.18* | |
| 11 41 23 00-0354 | EA | 14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 3,626.74 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *175.01* | |
| 11 41 23 00-0355 | EA | 15'-5" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 3,709.93 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *178.95* | |
| 11 41 23 00-0356 | EA | 16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 3,931.87 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *189.83* | |
| 11 41 23 00-0357 | EA | 17'-4" Length Partition Wall, 7'-2"/7'-6" High<br>Note: Galvalume both sides. | 4,527.08 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *219.37* | |
| 11 41 23 00-0358 | EA | 5'-10" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 2,704.53 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *130.86* | |
| 11 41 23 00-0359 | EA | 6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 2,891.79 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *140.01* | |
| 11 41 23 00-0360 | EA | 7'-9" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 2,983.40 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *144.37* | |
| 11 41 23 00-0361 | EA | 8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 3,232.67 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *156.62* | |
| 11 41 23 00-0362 | EA | 9'-8" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 3,159.25 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *152.73* | |
| 11 41 23 00-0363 | EA | 10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 3,407.46 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *164.92* | |
| 11 41 23 00-0364 | EA | 11'-7" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 3,500.13 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *169.33* | |
| 11 41 23 00-0365 | EA | 12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 3,748.34 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *181.53* | |
| 11 41 23 00-0366 | EA | 13'-6" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 3,674.93 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *177.64* | |
| 11 41 23 00-0367 | EA | 14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 3,923.15 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *189.83* | |
| 11 41 23 00-0368 | EA | 15'-5" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 4,015.80 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *194.25* | |
| 11 41 23 00-0369 | EA | 16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 4,264.02 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *206.44* | |
| 11 41 23 00-0370 | EA | 17'-4" Length Partition Wall, 8'-2"/8'-6" High<br>Note: Galvalume both sides. | 4,190.60 | |
| | | *For Embossed White Instead Of Galvalume® On Both Sides, Add* | *202.55* | |

### 11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Factory installed, includes lights and 5 tier shelves.

| | | | |
|---|---|---|---|
| 11 41 23 00-0372 | EA | 23" x 67" Glass Door, Displayrite, Coolrite Model | 1,043.75 |
| 11 41 23 00-0373 | EA | 23" x 73" Glass Door, Displayrite, Coolrite Model | 1,140.45 |
| 11 41 23 00-0374 | EA | 30" x 67" Glass Door, Displayrite, Coolrite Model | 1,149.91 |
| 11 41 23 00-0375 | EA | 30" x 73" Glass Door, Displayrite, Coolrite Model | 1,271.84 |
| 11 41 23 00-0376 | EA | 23" x 67" Glass Door, Displayrite, Freezerite Model | 1,395.87 |
| 11 41 23 00-0377 | EA | 23" x 73" Glass Door, Displayrite, Freezerite Model | 1,484.17 |
| 11 41 23 00-0378 | EA | 30" x 67" Glass Door, Displayrite, Freezerite Model | 1,489.42 |
| 11 41 23 00-0379 | EA | 30" x 73" Glass Door, Displayrite, Freezerite Model | 1,733.28 |
| 11 41 23 00-0380 | EA | 24" x 67" Glass Door, Anthony Model 101 | 1,419.00 |
| 11 41 23 00-0381 | EA | 26" x 67" Glass Door, Anthony Model 101 | 1,757.46 |
| 11 41 23 00-0382 | EA | 30" x 67" Glass Door, Anthony Model 101 | 1,876.23 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0383 | EA | 30x75 Glass Door, Anthony Model 101 | 1,916.17 | |
| 11 41 23 00-0384 | EA | 24" x 67" Glass Door, Anthony Model 101 | 2,161.08 | |
| 11 41 23 00-0385 | EA | 26" x 67" Glass Door, Anthony Model 101 | 2,398.63 | |
| 11 41 23 00-0386 | EA | 30" x 67" Glass Door, Anthony Model 101 | 2,442.78 | |
| 11 41 23 00-0387 | EA | 30" x 75" Glass Door, Anthony Model 101 | 2,605.70 | |
| 11 41 23 00-0388 | EA | 23" x 67" Glass Door, Anthony Model 401 | 1,120.48 | |
| 11 41 23 00-0389 | EA | 26-3/4" x 67" Glass Door, Anthony Model 401 | 1,180.40 | |
| 11 41 23 00-0390 | EA | 30-1/4" x 67" Glass Door, Anthony Model 401 | 1,587.18 | |
| 11 41 23 00-0391 | EA | 30-1/4" x 75" Glass Door, Anthony Model 401 | 1,361.19 | |
| 11 41 23 00-0392 | EA | 23" x 67" Glass Door, Anthony Model 401 | 1,511.50 | |
| 11 41 23 00-0393 | EA | 26-3/4" x 67" Glass Door, Anthony Model 401 | 1,581.92 | |
| 11 41 23 00-0394 | EA | 30-1/4" x 67" Glass Door, Anthony Model 401 | 1,587.18 | |
| 11 41 23 00-0395 | EA | 30-1/4" x 75" Glass Door, Anthony Model 401 | 1,889.90 | |

## 11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

| | | | | |
|---|---|---|---|---|
| 11 41 23 00-0397 | EA | 14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 389.19 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0398 | EA | 14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 410.38 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0399 | EA | 14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 456.77 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0400 | EA | 14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 482.17 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0401 | EA | 14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 524.53 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0402 | EA | 18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 448.22 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0403 | EA | 18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 459.93 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0404 | EA | 18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 507.39 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0405 | EA | 18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 530.67 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0406 | EA | 18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 605.62 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0407 | EA | 21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 488.31 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0408 | EA | 21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 494.78 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0409 | EA | 21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 563.26 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0410 | EA | 21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 567.63 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0411 | EA | 21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts | 653.09 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0412 | EA | 14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 334.53 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0413 | EA | 14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 351.52 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0414 | EA | 14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 385.30 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0415 | EA | 14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 393.87 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0416 | EA | 14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 448.85 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0417 | EA | 18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 368.34 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0418 | EA | 18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 394.76 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0419 | EA | 18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 418.05 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0420 | EA | 18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 424.51 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0421 | EA | 18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 499.46 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0422 | EA | 21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 404.22 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0423 | EA | 21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 420.15 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0424 | EA | 21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 450.79 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0425 | EA | 21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 467.77 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0426 | EA | 21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts | 544.82 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0427 | EA | 14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 1,789.02 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0428 | EA | 14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 1,996.57 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0429 | EA | 14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,035.96 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0430 | EA | 14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,075.36 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0431 | EA | 14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,511.48 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0432 | EA | 18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 1,877.47 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0433 | EA | 18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 1,993.92 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0434 | EA | 18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,208.48 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0435 | EA | 18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,296.92 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0436 | EA | 18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,810.11 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0437 | EA | 21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,028.95 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0438 | EA | 21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,215.49 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0439 | EA | 21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,430.04 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0440 | EA | 21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 2,518.48 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0441 | EA | 21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts | 3,199.83 | |
| | | *For Cantilever Shelving, Add* | *402.00* | |
| 11 41 23 00-0442 | EA | 14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 459.04 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0443 | EA | 14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 494.94 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0444 | EA | 14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 536.09 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0445 | EA | 14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 574.09 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0446 | EA | 14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 622.76 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0447 | EA | 18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 542.24 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0448 | EA | 18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 556.07 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0449 | EA | 18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 612.98 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0450 | EA | 18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 642.58 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0451 | EA | 18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 733.28 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0452 | EA | 21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 590.75 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0453 | EA | 21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 609.83 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0454 | EA | 21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 674.11 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0455 | EA | 21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 688.98 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0456 | EA | 21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts | 790.20 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0457 | EA | 14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 392.82 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0458 | EA | 14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 412.95 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0459 | EA | 14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 454.11 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0460 | EA | 14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 463.72 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0461 | EA | 14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 530.26 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0462 | EA | 18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 443.43 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0463 | EA | 18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 474.08 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0464 | EA | 18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 539.40 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0465 | EA | 18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 535.36 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0466 | EA | 18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 598.74 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0467 | EA | 21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 486.69 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0468 | EA | 21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 505.77 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0469 | EA | 21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 543.77 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0470 | EA | 21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 562.85 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0471 | EA | 21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts | 657.76 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0472 | EA | 14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,183.96 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0473 | EA | 14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,442.30 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 23 00-0474 | EA | 14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,490.46 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0475 | EA | 14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,538.61 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0476 | EA | 14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 3,081.57 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0477 | EA | 18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,293.41 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0478 | EA | 18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,437.91 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0479 | EA | 18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,705.01 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0480 | EA | 18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,814.48 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0481 | EA | 18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 3,453.77 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0482 | EA | 21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,481.70 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0483 | EA | 21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,713.77 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0484 | EA | 21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 2,980.88 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0485 | EA | 21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 3,090.33 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |
| 11 41 23 00-0486 | EA | 21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts | 3,939.82 | |
| | | *For Cantilever Shelving, Add* | *472.00* | |

## 11 41 31 Non-Refrigerated Storage Equipment *(11 41)*

### 11 41 31 00-0001 Wall Cabinets *(11 41 31)*

| | | | | |
|---|---|---|---|---|
| 11 41 31 00-0002 | EA | 48" Wall Cabinet With Sliding Doors<br>Note: 15" deep and 24" high. | 2,044.94 | 67.04 |
| 11 41 31 00-0003 | EA | 72" Wall Cabinet With Sliding Doors<br>Note: 15" deep and 24" high. | 2,698.26 | 88.50 |
| 11 41 31 00-0004 | EA | 72" Wall Cabinet With Hinged Doors<br>Note: 15" deep and 24" high. | 3,097.06 | 101.46 |
| 11 41 31 00-0005 | EA | 72" Wall Cabinet With Open Shelves<br>Note: 15" deep and 24" high. | 1,982.14 | 64.72 |

### 11 41 31 00-0006 Mobile Sheet Pan Truck *(11 41 31)*

| | | | | |
|---|---|---|---|---|
| 11 41 31 00-0007 | EA | 2 Level Mobile Sheet Pan Truck | 193.59 | 7.27 |

### 11 41 31 00-0008 Pot And Utensil Rack *(11 41 31)*

| | | | | |
|---|---|---|---|---|
| 11 41 31 00-0009 | EA | 70" Bench Type Pot And Utensil Rack | 565.01 | 22.18 |
| 11 41 31 00-0010 | EA | 94" Bench Type Pot And Utensil Rack | 654.68 | 25.06 |
| 11 41 31 00-0011 | EA | 94" Ceiling Type Pot And Utensil Rack | 778.36 | 30.03 |
| 11 41 31 00-0012 | EA | 96" Wall Type Pot And Utensil Rack | 423.31 | 16.40 |

### 11 41 31 00-0013 Tray And Silverware Cart *(11 41 31)*

| | | | | |
|---|---|---|---|---|
| 11 41 31 00-0014 | EA | 33" x 22-1/2" x 42" Tray And Silverware Cart | 1,953.76 | 74.85 |

### 11 41 31 00-0015 Flat Top Utility Units *(11 41 31)*

| | | | | |
|---|---|---|---|---|
| 11 41 31 00-0016 | EA | 39" x 28-1/2" x 35-3/8" Flat Top Utility Units | 1,332.12 | 51.16 |
| 11 41 31 00-0017 | EA | 79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units | 1,785.09 | 68.38 |

## 11 41 33 Foodservice Shelving *(11 41)*

### 11 41 33 00-0001 Shelving/Racks *(11 41 33)*

### 11 41 33 00-0002 Chrome Shelving Units *(11 41 33 00-0001)*

### 11 41 33 00-0003 54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*

| | | | | |
|---|---|---|---|---|
| 11 41 33 00-0004 | EA | 14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 256.35 | 27.71 |
| 11 41 33 00-0005 | EA | 14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 270.58 | 27.94 |
| 11 41 33 00-0006 | EA | 14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 288.23 | 28.17 |
| 11 41 33 00-0007 | EA | 14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 299.13 | 28.41 |
| 11 41 33 00-0008 | EA | 14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 320.10 | 28.64 |
| 11 41 33 00-0009 | EA | 14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 337.83 | 28.86 |
| 11 41 33 00-0010 | EA | 14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 352.06 | 29.09 |
| 11 41 33 00-0011 | EA | 14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 383.95 | 29.55 |
| 11 41 33 00-0012 | EA | 18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 280.73 | 27.94 |
| 11 41 33 00-0013 | EA | 18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 291.62 | 28.17 |
| 11 41 33 00-0014 | EA | 18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 302.54 | 28.41 |
| 11 41 33 00-0015 | EA | 18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 333.74 | 28.64 |
| 11 41 33 00-0016 | EA | 18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 354.78 | 28.86 |
| 11 41 33 00-0017 | EA | 18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 382.57 | 29.09 |
| 11 41 33 00-0018 | EA | 18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 393.41 | 29.32 |
| 11 41 33 00-0019 | EA | 18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 432.17 | 29.78 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 33 00-0020 | EA | 21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 295.03 | 28.17 |
| 11 41 33 00-0021 | EA | 21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 319.42 | 28.41 |
| 11 41 33 00-0022 | EA | 21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 337.14 | 28.64 |
| 11 41 33 00-0023 | EA | 21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 358.12 | 28.86 |
| 11 41 33 00-0024 | EA | 21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 372.42 | 29.09 |
| 11 41 33 00-0025 | EA | 21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 407.04 | 29.32 |
| 11 41 33 00-0026 | EA | 21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 424.67 | 29.55 |
| 11 41 33 00-0027 | EA | 21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 470.18 | 30.00 |
| 11 41 33 00-0028 | EA | 24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 326.31 | 28.41 |
| 11 41 33 00-0029 | EA | 24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 340.55 | 28.64 |
| 11 41 33 00-0030 | EA | 24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 351.38 | 28.86 |
| 11 41 33 00-0031 | EA | 24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 379.23 | 29.09 |
| 11 41 33 00-0032 | EA | 24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 396.88 | 29.32 |
| 11 41 33 00-0033 | EA | 24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 431.48 | 29.55 |
| 11 41 33 00-0034 | EA | 24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 455.87 | 29.78 |
| 11 41 33 00-0035 | EA | 24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 514.99 | 30.23 |
| 11 41 33 00-0036 | EA | 30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 435.55 | 28.64 |
| 11 41 33 00-0037 | EA | 30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 490.43 | 28.86 |
| 11 41 33 00-0038 | EA | 30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 525.10 | 29.09 |
| 11 41 33 00-0039 | EA | 30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 603.85 | 29.32 |
| 11 41 33 00-0040 | EA | 36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 482.36 | 29.55 |
| 11 41 33 00-0041 | EA | 36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 533.99 | 29.78 |
| 11 41 33 00-0042 | EA | 36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 599.04 | 30.00 |
| 11 41 33 00-0043 | EA | 36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit | 704.38 | 30.46 |
| **11 41 33 00-0044** | | **63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)* | | |
| 11 41 33 00-0045 | EA | 14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 259.68 | 27.71 |
| 11 41 33 00-0046 | EA | 14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 273.92 | 27.94 |
| 11 41 33 00-0047 | EA | 14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 291.55 | 28.17 |
| 11 41 33 00-0048 | EA | 14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 302.47 | 28.41 |
| 11 41 33 00-0049 | EA | 14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 323.44 | 28.64 |
| 11 41 33 00-0050 | EA | 14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 341.15 | 28.86 |
| 11 41 33 00-0051 | EA | 14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 355.40 | 29.09 |
| 11 41 33 00-0052 | EA | 14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 387.27 | 29.55 |
| 11 41 33 00-0053 | EA | 18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 284.06 | 27.94 |
| 11 41 33 00-0054 | EA | 18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 294.96 | 28.17 |
| 11 41 33 00-0055 | EA | 18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 305.88 | 28.41 |
| 11 41 33 00-0056 | EA | 18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 337.06 | 28.64 |
| 11 41 33 00-0057 | EA | 18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 358.12 | 28.86 |
| 11 41 33 00-0058 | EA | 18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 385.89 | 29.09 |
| 11 41 33 00-0059 | EA | 18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 396.75 | 29.32 |
| 11 41 33 00-0060 | EA | 18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 402.54 | 29.78 |
| 11 41 33 00-0061 | EA | 21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 298.37 | 28.17 |
| 11 41 33 00-0062 | EA | 21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 322.76 | 28.41 |
| 11 41 33 00-0063 | EA | 21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 340.46 | 28.64 |
| 11 41 33 00-0064 | EA | 21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 361.44 | 28.86 |
| 11 41 33 00-0065 | EA | 21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 375.76 | 29.09 |
| 11 41 33 00-0066 | EA | 21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 410.36 | 29.32 |
| 11 41 33 00-0067 | EA | 21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 428.01 | 29.55 |
| 11 41 33 00-0068 | EA | 21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 473.51 | 30.00 |
| 11 41 33 00-0069 | EA | 24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 329.65 | 28.41 |
| 11 41 33 00-0070 | EA | 24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 343.87 | 28.64 |
| 11 41 33 00-0071 | EA | 24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 354.72 | 28.86 |
| 11 41 33 00-0072 | EA | 24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 382.57 | 29.09 |
| 11 41 33 00-0073 | EA | 24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 400.22 | 29.32 |
| 11 41 33 00-0074 | EA | 24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 434.81 | 29.55 |
| 11 41 33 00-0075 | EA | 24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 459.19 | 29.78 |
| 11 41 33 00-0076 | EA | 24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 518.33 | 30.23 |
| 11 41 33 00-0077 | EA | 30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 438.87 | 28.64 |
| 11 41 33 00-0078 | EA | 30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 493.77 | 28.86 |
| 11 41 33 00-0079 | EA | 30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 528.43 | 29.09 |
| 11 41 33 00-0080 | EA | 30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 607.17 | 29.32 |
| 11 41 33 00-0081 | EA | 36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 485.68 | 29.55 |
| 11 41 33 00-0082 | EA | 36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 537.31 | 29.78 |
| 11 41 33 00-0083 | EA | 36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 602.42 | 30.00 |
| 11 41 33 00-0084 | EA | 36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit | 707.70 | 30.46 |
| **11 41 33 00-0085** | | **66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)* | | |
| 11 41 33 00-0086 | EA | 14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 261.42 | 27.71 |
| 11 41 33 00-0087 | EA | 14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 275.66 | 27.94 |
| 11 41 33 00-0088 | EA | 14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 293.29 | 28.17 |
| 11 41 33 00-0089 | EA | 14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 304.21 | 28.41 |
| 11 41 33 00-0090 | EA | 14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 325.18 | 28.64 |
| 11 41 33 00-0091 | EA | 14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 342.89 | 28.86 |
| 11 41 33 00-0092 | EA | 14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 357.13 | 29.09 |
| 11 41 33 00-0093 | EA | 14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 389.01 | 29.55 |
| 11 41 33 00-0094 | EA | 18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 285.81 | 27.94 |
| 11 41 33 00-0095 | EA | 18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 296.70 | 28.17 |
| 11 41 33 00-0096 | EA | 18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 307.62 | 28.41 |
| 11 41 33 00-0097 | EA | 18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 338.81 | 28.64 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 33 00-0098 | EA | 18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 359.86 | 28.86 |
| 11 41 33 00-0099 | EA | 18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 387.63 | 29.09 |
| 11 41 33 00-0100 | EA | 18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 398.48 | 29.32 |
| 11 41 33 00-0101 | EA | 18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 437.25 | 29.78 |
| 11 41 33 00-0102 | EA | 21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 300.10 | 28.17 |
| 11 41 33 00-0103 | EA | 21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 324.50 | 28.41 |
| 11 41 33 00-0104 | EA | 21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 342.20 | 28.64 |
| 11 41 33 00-0105 | EA | 21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 363.18 | 28.86 |
| 11 41 33 00-0106 | EA | 21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 377.49 | 29.09 |
| 11 41 33 00-0107 | EA | 21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 412.10 | 29.32 |
| 11 41 33 00-0108 | EA | 21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 429.75 | 29.55 |
| 11 41 33 00-0109 | EA | 21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 475.25 | 30.00 |
| 11 41 33 00-0110 | EA | 24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 331.39 | 28.41 |
| 11 41 33 00-0111 | EA | 24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 345.61 | 28.64 |
| 11 41 33 00-0112 | EA | 24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 356.45 | 28.86 |
| 11 41 33 00-0113 | EA | 24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 384.31 | 29.09 |
| 11 41 33 00-0114 | EA | 24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 401.96 | 29.32 |
| 11 41 33 00-0115 | EA | 24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 436.56 | 29.55 |
| 11 41 33 00-0116 | EA | 24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 460.93 | 29.78 |
| 11 41 33 00-0117 | EA | 24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 520.07 | 30.23 |
| 11 41 33 00-0118 | EA | 30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 440.61 | 28.64 |
| 11 41 33 00-0119 | EA | 30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 495.51 | 28.86 |
| 11 41 33 00-0120 | EA | 30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 530.18 | 29.09 |
| 11 41 33 00-0121 | EA | 30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 608.91 | 29.32 |
| 11 41 33 00-0122 | EA | 36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 487.42 | 29.55 |
| 11 41 33 00-0123 | EA | 36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 539.05 | 29.78 |
| 11 41 33 00-0124 | EA | 36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 604.14 | 30.00 |
| 11 41 33 00-0125 | EA | 36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit | 709.44 | 30.46 |
| **11 41 33 00-0126** | | **74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)* | | |
| 11 41 33 00-0127 | EA | 14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 266.48 | 27.71 |
| 11 41 33 00-0128 | EA | 14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 280.73 | 27.94 |
| 11 41 33 00-0129 | EA | 14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 298.37 | 28.17 |
| 11 41 33 00-0130 | EA | 14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 309.29 | 28.41 |
| 11 41 33 00-0131 | EA | 14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 330.26 | 28.64 |
| 11 41 33 00-0132 | EA | 14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 347.97 | 28.86 |
| 11 41 33 00-0133 | EA | 14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 362.21 | 29.09 |
| 11 41 33 00-0134 | EA | 14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 394.09 | 29.55 |
| 11 41 33 00-0135 | EA | 18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 290.87 | 27.94 |
| 11 41 33 00-0136 | EA | 18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 301.77 | 28.17 |
| 11 41 33 00-0137 | EA | 18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 312.70 | 28.41 |
| 11 41 33 00-0138 | EA | 18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 343.87 | 28.64 |
| 11 41 33 00-0139 | EA | 18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 364.92 | 28.86 |
| 11 41 33 00-0140 | EA | 18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 392.71 | 29.09 |
| 11 41 33 00-0141 | EA | 18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 403.56 | 29.32 |
| 11 41 33 00-0142 | EA | 18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 442.31 | 29.78 |
| 11 41 33 00-0143 | EA | 21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 305.18 | 28.17 |
| 11 41 33 00-0144 | EA | 21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 329.58 | 28.41 |
| 11 41 33 00-0145 | EA | 21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 347.28 | 28.64 |
| 11 41 33 00-0146 | EA | 21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 368.26 | 28.86 |
| 11 41 33 00-0147 | EA | 21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 382.57 | 29.09 |
| 11 41 33 00-0148 | EA | 21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 417.17 | 29.32 |
| 11 41 33 00-0149 | EA | 21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 434.81 | 29.55 |
| 11 41 33 00-0150 | EA | 21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 480.33 | 30.00 |
| 11 41 33 00-0151 | EA | 24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 336.46 | 28.41 |
| 11 41 33 00-0152 | EA | 24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 350.69 | 28.64 |
| 11 41 33 00-0153 | EA | 24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 361.53 | 28.86 |
| 11 41 33 00-0154 | EA | 24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 389.37 | 29.09 |
| 11 41 33 00-0155 | EA | 24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 407.04 | 29.32 |
| 11 41 33 00-0156 | EA | 24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 441.62 | 29.55 |
| 11 41 33 00-0157 | EA | 24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 466.01 | 29.78 |
| 11 41 33 00-0158 | EA | 24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 525.15 | 30.23 |
| 11 41 33 00-0159 | EA | 30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 445.69 | 28.64 |
| 11 41 33 00-0160 | EA | 30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 500.59 | 28.86 |
| 11 41 33 00-0161 | EA | 30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 535.24 | 29.09 |
| 11 41 33 00-0162 | EA | 30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 613.99 | 29.32 |
| 11 41 33 00-0163 | EA | 36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 492.49 | 29.55 |
| 11 41 33 00-0164 | EA | 36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 544.13 | 29.78 |
| 11 41 33 00-0165 | EA | 36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 609.23 | 30.00 |
| 11 41 33 00-0166 | EA | 36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit | 714.52 | 30.46 |
| **11 41 33 00-0167** | | **86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)* | | |
| 11 41 33 00-0168 | EA | 14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 280.04 | 27.71 |
| 11 41 33 00-0169 | EA | 14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 294.28 | 27.94 |
| 11 41 33 00-0170 | EA | 14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 311.91 | 28.17 |
| 11 41 33 00-0171 | EA | 14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 322.83 | 28.41 |
| 11 41 33 00-0172 | EA | 14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 343.80 | 28.64 |
| 11 41 33 00-0173 | EA | 14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 361.53 | 28.86 |
| 11 41 33 00-0174 | EA | 14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 375.76 | 29.09 |
| 11 41 33 00-0175 | EA | 14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 407.65 | 29.55 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 33 00-0176 | EA | 18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 304.43 | 27.94 |
| 11 41 33 00-0177 | EA | 18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 315.32 | 28.17 |
| 11 41 33 00-0178 | EA | 18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 326.24 | 28.41 |
| 11 41 33 00-0179 | EA | 18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 357.43 | 28.64 |
| 11 41 33 00-0180 | EA | 18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 378.48 | 28.86 |
| 11 41 33 00-0181 | EA | 18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 406.27 | 29.09 |
| 11 41 33 00-0182 | EA | 18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 417.11 | 29.32 |
| 11 41 33 00-0183 | EA | 18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 455.87 | 29.78 |
| 11 41 33 00-0184 | EA | 21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 318.72 | 28.17 |
| 11 41 33 00-0185 | EA | 21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 343.12 | 28.41 |
| 11 41 33 00-0186 | EA | 21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 360.84 | 28.64 |
| 11 41 33 00-0187 | EA | 21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 381.80 | 28.86 |
| 11 41 33 00-0188 | EA | 21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 396.11 | 29.09 |
| 11 41 33 00-0189 | EA | 21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 430.74 | 29.32 |
| 11 41 33 00-0190 | EA | 21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 448.37 | 29.55 |
| 11 41 33 00-0191 | EA | 21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 493.87 | 30.00 |
| 11 41 33 00-0192 | EA | 24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 350.01 | 28.41 |
| 11 41 33 00-0193 | EA | 24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 364.23 | 28.64 |
| 11 41 33 00-0194 | EA | 24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 375.08 | 28.86 |
| 11 41 33 00-0195 | EA | 24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 402.93 | 29.09 |
| 11 41 33 00-0196 | EA | 24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 420.58 | 29.32 |
| 11 41 33 00-0197 | EA | 24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 455.18 | 29.55 |
| 11 41 33 00-0198 | EA | 24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 479.55 | 29.78 |
| 11 41 33 00-0199 | EA | 24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 538.69 | 30.23 |
| 11 41 33 00-0200 | EA | 30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 459.23 | 28.64 |
| 11 41 33 00-0201 | EA | 30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 514.13 | 28.86 |
| 11 41 33 00-0202 | EA | 30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 548.80 | 29.09 |
| 11 41 33 00-0203 | EA | 30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 627.53 | 29.32 |
| 11 41 33 00-0204 | EA | 36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 506.04 | 29.55 |
| 11 41 33 00-0205 | EA | 36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 557.67 | 29.78 |
| 11 41 33 00-0206 | EA | 36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 622.79 | 30.00 |
| 11 41 33 00-0207 | EA | 36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit | 728.06 | 30.46 |
| 11 41 33 00-0208 | | 96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)* | | |
| 11 41 33 00-0209 | EA | 14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 330.09 | 27.71 |
| 11 41 33 00-0210 | EA | 14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 347.71 | 27.94 |
| 11 41 33 00-0211 | EA | 14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 369.60 | 28.17 |
| 11 41 33 00-0212 | EA | 14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 383.07 | 28.41 |
| 11 41 33 00-0213 | EA | 14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 409.12 | 28.64 |
| 11 41 33 00-0214 | EA | 14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 431.09 | 28.86 |
| 11 41 33 00-0215 | EA | 14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 448.71 | 29.09 |
| 11 41 33 00-0216 | EA | 14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 488.23 | 29.55 |
| 11 41 33 00-0217 | EA | 18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 360.40 | 27.94 |
| 11 41 33 00-0218 | EA | 18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 373.85 | 28.17 |
| 11 41 33 00-0219 | EA | 18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 387.32 | 28.41 |
| 11 41 33 00-0220 | EA | 18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 426.14 | 28.64 |
| 11 41 33 00-0221 | EA | 18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 452.28 | 28.86 |
| 11 41 33 00-0222 | EA | 18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 486.85 | 29.09 |
| 11 41 33 00-0223 | EA | 18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 500.21 | 29.32 |
| 11 41 33 00-0224 | EA | 18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 548.32 | 29.78 |
| 11 41 33 00-0225 | EA | 21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 378.12 | 28.17 |
| 11 41 33 00-0226 | EA | 21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 408.44 | 28.41 |
| 11 41 33 00-0227 | EA | 21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 430.40 | 28.64 |
| 11 41 33 00-0228 | EA | 21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 456.44 | 28.86 |
| 11 41 33 00-0229 | EA | 21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 474.16 | 29.09 |
| 11 41 33 00-0230 | EA | 21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 517.25 | 29.32 |
| 11 41 33 00-0231 | EA | 21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 539.13 | 29.55 |
| 11 41 33 00-0232 | EA | 21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 595.67 | 30.00 |
| 11 41 33 00-0233 | EA | 24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 417.04 | 28.41 |
| 11 41 33 00-0234 | EA | 24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 434.65 | 28.64 |
| 11 41 33 00-0235 | EA | 24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 448.03 | 28.86 |
| 11 41 33 00-0236 | EA | 24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 482.68 | 29.09 |
| 11 41 33 00-0237 | EA | 24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 504.57 | 29.32 |
| 11 41 33 00-0238 | EA | 24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 547.63 | 29.55 |
| 11 41 33 00-0239 | EA | 24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 577.94 | 29.78 |
| 11 41 33 00-0240 | EA | 24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 651.52 | 30.23 |
| 11 41 33 00-0241 | EA | 30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 553.40 | 28.64 |
| 11 41 33 00-0242 | EA | 30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 621.85 | 28.86 |
| 11 41 33 00-0243 | EA | 30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 665.00 | 29.09 |
| 11 41 33 00-0244 | EA | 30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 763.27 | 29.32 |
| 11 41 33 00-0245 | EA | 36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 611.23 | 29.55 |
| 11 41 33 00-0246 | EA | 36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 675.59 | 29.78 |
| 11 41 33 00-0247 | EA | 36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 756.81 | 30.00 |
| 11 41 33 00-0248 | EA | 36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit | 888.06 | 30.46 |
| 11 41 33 00-0249 | | Galvanized Shelving Units *(11 41 33 00-0001)* | | |
| 11 41 33 00-0250 | | 54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)* | | |
| 11 41 33 00-0251 | EA | 14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 311.14 | 27.71 |
| 11 41 33 00-0252 | EA | 14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 327.79 | 27.94 |
| 11 41 33 00-0253 | EA | 14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 348.50 | 28.17 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 33 00-0254 | EA | 14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 365.16 | 28.41 |
| 11 41 33 00-0255 | EA | 14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 389.87 | 28.64 |
| 11 41 33 00-0256 | EA | 14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 410.50 | 28.86 |
| 11 41 33 00-0257 | EA | 14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 431.21 | 29.09 |
| 11 41 33 00-0258 | EA | 14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 464.51 | 29.55 |
| 11 41 33 00-0259 | EA | 18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 339.77 | 27.94 |
| 11 41 33 00-0260 | EA | 18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 352.50 | 28.17 |
| 11 41 33 00-0261 | EA | 18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 377.14 | 28.41 |
| 11 41 33 00-0262 | EA | 18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 405.83 | 28.64 |
| 11 41 33 00-0263 | EA | 18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 430.53 | 28.86 |
| 11 41 33 00-0264 | EA | 18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 463.13 | 29.09 |
| 11 41 33 00-0265 | EA | 18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 487.86 | 29.32 |
| 11 41 33 00-0266 | EA | 18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 525.28 | 29.78 |
| 11 41 33 00-0267 | EA | 21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 356.48 | 28.17 |
| 11 41 33 00-0268 | EA | 21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 389.19 | 28.41 |
| 11 41 33 00-0269 | EA | 21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 409.81 | 28.64 |
| 11 41 33 00-0270 | EA | 21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 434.53 | 28.86 |
| 11 41 33 00-0271 | EA | 21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 451.17 | 29.09 |
| 11 41 33 00-0272 | EA | 21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 495.84 | 29.32 |
| 11 41 33 00-0273 | EA | 21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 516.56 | 29.55 |
| 11 41 33 00-0274 | EA | 21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 577.87 | 30.00 |
| 11 41 33 00-0275 | EA | 24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 397.17 | 28.41 |
| 11 41 33 00-0276 | EA | 24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 413.81 | 28.64 |
| 11 41 33 00-0277 | EA | 24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 426.55 | 28.86 |
| 11 41 33 00-0278 | EA | 24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 459.15 | 29.09 |
| 11 41 33 00-0279 | EA | 24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 495.84 | 29.32 |
| 11 41 33 00-0280 | EA | 24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 536.49 | 29.55 |
| 11 41 33 00-0281 | EA | 24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 569.20 | 29.78 |
| 11 41 33 00-0282 | EA | 24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 642.56 | 30.23 |
| **11 41 33 00-0283** | | **63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)* | | |
| 11 41 33 00-0284 | EA | 14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 319.12 | 27.71 |
| 11 41 33 00-0285 | EA | 14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 335.77 | 27.94 |
| 11 41 33 00-0286 | EA | 14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 356.48 | 28.17 |
| 11 41 33 00-0287 | EA | 14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 373.14 | 28.41 |
| 11 41 33 00-0288 | EA | 14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 397.85 | 28.64 |
| 11 41 33 00-0289 | EA | 14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 418.48 | 28.86 |
| 11 41 33 00-0290 | EA | 14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 439.19 | 29.09 |
| 11 41 33 00-0291 | EA | 14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 472.49 | 29.55 |
| 11 41 33 00-0292 | EA | 18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 347.75 | 27.94 |
| 11 41 33 00-0293 | EA | 18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 360.48 | 28.17 |
| 11 41 33 00-0294 | EA | 18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 385.12 | 28.41 |
| 11 41 33 00-0295 | EA | 18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 413.81 | 28.64 |
| 11 41 33 00-0296 | EA | 18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 438.51 | 28.86 |
| 11 41 33 00-0297 | EA | 18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 471.11 | 29.09 |
| 11 41 33 00-0298 | EA | 18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 495.84 | 29.32 |
| 11 41 33 00-0299 | EA | 18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 533.20 | 29.78 |
| 11 41 33 00-0300 | EA | 21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 364.46 | 28.17 |
| 11 41 33 00-0301 | EA | 21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 397.17 | 28.41 |
| 11 41 33 00-0302 | EA | 21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 417.79 | 28.64 |
| 11 41 33 00-0303 | EA | 21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 442.51 | 28.86 |
| 11 41 33 00-0304 | EA | 21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 459.15 | 29.09 |
| 11 41 33 00-0305 | EA | 21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 503.82 | 29.32 |
| 11 41 33 00-0306 | EA | 21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 524.54 | 29.55 |
| 11 41 33 00-0307 | EA | 21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 585.84 | 30.00 |
| 11 41 33 00-0308 | EA | 24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 405.15 | 28.41 |
| 11 41 33 00-0309 | EA | 24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 421.79 | 28.64 |
| 11 41 33 00-0310 | EA | 24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 434.53 | 28.86 |
| 11 41 33 00-0311 | EA | 24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 467.13 | 29.09 |
| 11 41 33 00-0312 | EA | 24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 503.82 | 29.32 |
| 11 41 33 00-0313 | EA | 24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 544.47 | 29.55 |
| 11 41 33 00-0314 | EA | 24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 577.18 | 29.78 |
| 11 41 33 00-0315 | EA | 24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 650.54 | 30.23 |
| **11 41 33 00-0316** | | **74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)* | | |
| 11 41 33 00-0317 | EA | 14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 327.10 | 27.71 |
| 11 41 33 00-0318 | EA | 14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 343.75 | 27.94 |
| 11 41 33 00-0319 | EA | 14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 364.46 | 28.17 |
| 11 41 33 00-0320 | EA | 14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 381.12 | 28.41 |
| 11 41 33 00-0321 | EA | 14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 405.83 | 28.64 |
| 11 41 33 00-0322 | EA | 14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 426.46 | 28.86 |
| 11 41 33 00-0323 | EA | 14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 447.17 | 29.09 |
| 11 41 33 00-0324 | EA | 14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 480.47 | 29.55 |
| 11 41 33 00-0325 | EA | 18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 355.72 | 27.94 |
| 11 41 33 00-0326 | EA | 18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 368.46 | 28.17 |
| 11 41 33 00-0327 | EA | 18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 393.10 | 28.41 |
| 11 41 33 00-0328 | EA | 18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 421.79 | 28.64 |
| 11 41 33 00-0329 | EA | 18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 446.49 | 28.86 |
| 11 41 33 00-0330 | EA | 18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 479.09 | 29.09 |
| 11 41 33 00-0331 | EA | 18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 503.82 | 29.32 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 33 00-0332 | EA | 18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 541.18 | 29.78 |
| 11 41 33 00-0333 | EA | 21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 372.44 | 28.17 |
| 11 41 33 00-0334 | EA | 21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 405.15 | 28.41 |
| 11 41 33 00-0335 | EA | 21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 425.77 | 28.64 |
| 11 41 33 00-0336 | EA | 21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 450.49 | 28.86 |
| 11 41 33 00-0337 | EA | 21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 467.13 | 29.09 |
| 11 41 33 00-0338 | EA | 21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 511.80 | 29.32 |
| 11 41 33 00-0339 | EA | 21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 532.51 | 29.55 |
| 11 41 33 00-0340 | EA | 21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 593.82 | 30.00 |
| 11 41 33 00-0341 | EA | 24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 413.13 | 28.41 |
| 11 41 33 00-0342 | EA | 24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 429.77 | 28.64 |
| 11 41 33 00-0343 | EA | 24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 442.51 | 28.86 |
| 11 41 33 00-0344 | EA | 24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 475.11 | 29.09 |
| 11 41 33 00-0345 | EA | 24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 511.80 | 29.32 |
| 11 41 33 00-0346 | EA | 24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 552.45 | 29.55 |
| 11 41 33 00-0347 | EA | 24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 585.15 | 29.78 |
| 11 41 33 00-0348 | EA | 24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 658.52 | 30.23 |
| **11 41 33 00-0349** | | **86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)* | | |
| 11 41 33 00-0350 | EA | 14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 347.13 | 27.71 |
| 11 41 33 00-0351 | EA | 14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 363.78 | 27.94 |
| 11 41 33 00-0352 | EA | 14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 384.49 | 28.17 |
| 11 41 33 00-0353 | EA | 14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 401.15 | 28.41 |
| 11 41 33 00-0354 | EA | 14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 425.86 | 28.64 |
| 11 41 33 00-0355 | EA | 14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 446.49 | 28.86 |
| 11 41 33 00-0356 | EA | 14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 467.21 | 29.09 |
| 11 41 33 00-0357 | EA | 14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 500.50 | 29.55 |
| 11 41 33 00-0358 | EA | 18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 375.76 | 27.94 |
| 11 41 33 00-0359 | EA | 18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 388.49 | 28.17 |
| 11 41 33 00-0360 | EA | 18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 413.13 | 28.41 |
| 11 41 33 00-0361 | EA | 18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 441.82 | 28.64 |
| 11 41 33 00-0362 | EA | 18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 466.53 | 28.86 |
| 11 41 33 00-0363 | EA | 18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 499.12 | 29.09 |
| 11 41 33 00-0364 | EA | 18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 523.86 | 29.32 |
| 11 41 33 00-0365 | EA | 18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 561.22 | 29.78 |
| 11 41 33 00-0366 | EA | 21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 392.47 | 28.17 |
| 11 41 33 00-0367 | EA | 21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 425.18 | 28.41 |
| 11 41 33 00-0368 | EA | 21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 445.80 | 28.64 |
| 11 41 33 00-0369 | EA | 21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 470.53 | 28.86 |
| 11 41 33 00-0370 | EA | 21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 487.16 | 29.09 |
| 11 41 33 00-0371 | EA | 21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 531.83 | 29.32 |
| 11 41 33 00-0372 | EA | 21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 552.55 | 29.55 |
| 11 41 33 00-0373 | EA | 21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 613.86 | 30.00 |
| 11 41 33 00-0374 | EA | 24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 433.16 | 28.41 |
| 11 41 33 00-0375 | EA | 24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 449.80 | 28.64 |
| 11 41 33 00-0376 | EA | 24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 462.55 | 28.86 |
| 11 41 33 00-0377 | EA | 24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 495.14 | 29.09 |
| 11 41 33 00-0378 | EA | 24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 531.83 | 29.32 |
| 11 41 33 00-0379 | EA | 24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 572.49 | 29.55 |
| 11 41 33 00-0380 | EA | 24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 605.19 | 29.78 |
| 11 41 33 00-0381 | EA | 24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 678.55 | 30.23 |
| **11 41 33 00-0382** | | **54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)* | | |
| 11 41 33 00-0383 | EA | 18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 605.05 | 28.41 |
| 11 41 33 00-0384 | EA | 18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 666.42 | 28.86 |
| 11 41 33 00-0385 | EA | 18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 747.77 | 29.32 |
| 11 41 33 00-0386 | EA | 18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 797.11 | 29.78 |
| 11 41 33 00-0387 | EA | 24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 662.37 | 28.86 |
| 11 41 33 00-0388 | EA | 24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 767.72 | 29.32 |
| 11 41 33 00-0389 | EA | 24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 849.06 | 29.78 |
| 11 41 33 00-0390 | EA | 24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit | 970.37 | 30.23 |
| **11 41 33 00-0391** | | **63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)* | | |
| 11 41 33 00-0392 | EA | 18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 613.03 | 28.41 |
| 11 41 33 00-0393 | EA | 18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 674.42 | 28.86 |
| 11 41 33 00-0394 | EA | 18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 755.75 | 29.32 |
| 11 41 33 00-0395 | EA | 18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 805.09 | 29.78 |
| 11 41 33 00-0396 | EA | 24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 670.35 | 28.86 |
| 11 41 33 00-0397 | EA | 24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 775.70 | 29.32 |
| 11 41 33 00-0398 | EA | 24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 857.04 | 29.78 |
| 11 41 33 00-0399 | EA | 24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit | 978.35 | 30.23 |
| **11 41 33 00-0400** | | **74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)* | | |
| 11 41 33 00-0401 | EA | 18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 621.01 | 28.41 |
| 11 41 33 00-0402 | EA | 18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 682.40 | 28.86 |
| 11 41 33 00-0403 | EA | 18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 763.74 | 29.32 |
| 11 41 33 00-0404 | EA | 18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 813.06 | 29.78 |
| 11 41 33 00-0405 | EA | 24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 678.33 | 28.86 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 33 00-0406 | EA | 24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 783.68 | 29.32 |
| 11 41 33 00-0407 | EA | 24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 865.01 | 29.78 |
| 11 41 33 00-0408 | EA | 24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit | 986.35 | 30.23 |
| **11 41 33 00-0409** | | **86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)* | | |
| 11 41 33 00-0410 | EA | 18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 641.04 | 28.41 |
| 11 41 33 00-0411 | EA | 18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 702.42 | 28.86 |
| 11 41 33 00-0412 | EA | 18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 783.76 | 29.32 |
| 11 41 33 00-0413 | EA | 18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 833.10 | 29.78 |
| 11 41 33 00-0414 | EA | 24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 698.36 | 28.86 |
| 11 41 33 00-0415 | EA | 24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 803.72 | 29.32 |
| 11 41 33 00-0416 | EA | 24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 885.05 | 29.78 |
| 11 41 33 00-0417 | EA | 24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit | 1,006.36 | 30.23 |
| **11 41 33 00-0418** | | **Stainless Steel Shelving Unit** *(11 41 33 00-0001)* | | |
| **11 41 33 00-0419** | | **63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)* | | |
| 11 41 33 00-0420 | EA | 18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 780.64 | 28.41 |
| 11 41 33 00-0421 | EA | 18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 913.28 | 28.86 |
| 11 41 33 00-0422 | EA | 18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,081.02 | 29.32 |
| 11 41 33 00-0423 | EA | 18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,256.71 | 29.78 |
| 11 41 33 00-0424 | EA | 24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 924.42 | 28.86 |
| 11 41 33 00-0425 | EA | 24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,076.64 | 29.32 |
| 11 41 33 00-0426 | EA | 24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,276.27 | 29.78 |
| 11 41 33 00-0427 | EA | 24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,540.12 | 30.23 |
| **11 41 33 00-0428** | | **74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)* | | |
| 11 41 33 00-0429 | EA | 18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 808.57 | 28.41 |
| 11 41 33 00-0430 | EA | 18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 941.21 | 28.86 |
| 11 41 33 00-0431 | EA | 18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,112.92 | 29.32 |
| 11 41 33 00-0432 | EA | 18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,284.63 | 29.78 |
| 11 41 33 00-0433 | EA | 24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 952.36 | 28.86 |
| 11 41 33 00-0434 | EA | 24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,104.56 | 29.32 |
| 11 41 33 00-0435 | EA | 24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,304.19 | 29.78 |
| 11 41 33 00-0436 | EA | 24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,568.05 | 30.23 |
| **11 41 33 00-0437** | | **86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)* | | |
| 11 41 33 00-0438 | EA | 18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 836.49 | 28.41 |
| 11 41 33 00-0439 | EA | 18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 969.13 | 28.86 |
| 11 41 33 00-0440 | EA | 18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,140.84 | 29.32 |
| 11 41 33 00-0441 | EA | 18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,312.56 | 29.78 |
| 11 41 33 00-0442 | EA | 24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 980.27 | 28.86 |
| 11 41 33 00-0443 | EA | 24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,132.49 | 29.32 |
| 11 41 33 00-0444 | EA | 24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,332.12 | 29.78 |
| 11 41 33 00-0445 | EA | 24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,595.97 | 30.23 |
| **11 41 33 00-0446** | | **63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)* | | |
| 11 41 33 00-0447 | EA | 18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,296.78 | 28.41 |
| 11 41 33 00-0448 | EA | 18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,435.93 | 28.86 |
| 11 41 33 00-0449 | EA | 18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,620.84 | 29.32 |
| 11 41 33 00-0450 | EA | 18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,732.32 | 29.78 |
| 11 41 33 00-0451 | EA | 24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,557.97 | 28.86 |
| 11 41 33 00-0452 | EA | 24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,839.23 | 29.32 |
| 11 41 33 00-0453 | EA | 24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 2,044.23 | 29.78 |
| 11 41 33 00-0454 | EA | 24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit | 2,351.04 | 30.23 |
| **11 41 33 00-0455** | | **74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)* | | |
| 11 41 33 00-0456 | EA | 18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,336.75 | 28.41 |
| 11 41 33 00-0457 | EA | 18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,478.33 | 28.86 |
| 11 41 33 00-0458 | EA | 18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,666.51 | 29.32 |
| 11 41 33 00-0459 | EA | 18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,779.89 | 29.78 |
| 11 41 33 00-0460 | EA | 24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,597.96 | 28.86 |
| 11 41 33 00-0461 | EA | 24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,879.20 | 29.32 |
| 11 41 33 00-0462 | EA | 24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 2,086.46 | 29.78 |
| 11 41 33 00-0463 | EA | 24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit | 2,396.72 | 30.23 |
| **11 41 33 00-0464** | | **86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)* | | |
| 11 41 33 00-0465 | EA | 18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,376.74 | 28.41 |
| 11 41 33 00-0466 | EA | 18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,517.55 | 28.86 |
| 11 41 33 00-0467 | EA | 18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,704.74 | 29.32 |
| 11 41 33 00-0468 | EA | 18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,817.59 | 29.78 |
| 11 41 33 00-0469 | EA | 24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,637.94 | 28.86 |
| 11 41 33 00-0470 | EA | 24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 1,919.19 | 29.32 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 41 33 00-0471 | EA | 24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 2,125.16 | 29.78 |
| 11 41 33 00-0472 | EA | 24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit | 2,433.41 | 30.23 |
| **11 41 33 00-0473** | | **Galvanized Steel Dunnage Rack** *(11 41 33 00-0001)* | | |
| 11 41 33 00-0474 | EA | 18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 222.32 | 20.43 |
| 11 41 33 00-0475 | EA | 18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 234.62 | 20.99 |
| 11 41 33 00-0476 | EA | 18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 248.68 | 21.57 |
| 11 41 33 00-0477 | EA | 18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 275.09 | 22.13 |
| 11 41 33 00-0478 | EA | 18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 297.95 | 22.70 |
| 11 41 33 00-0479 | EA | 24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 239.95 | 20.43 |
| 11 41 33 00-0480 | EA | 24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 262.83 | 20.99 |
| 11 41 33 00-0481 | EA | 24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 276.89 | 21.57 |
| 11 41 33 00-0482 | EA | 24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 301.53 | 22.13 |
| 11 41 33 00-0483 | EA | 24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack | 329.69 | 22.70 |
| **11 41 33 00-0484** | | **Stainless Steel Dunnage Rack** *(11 41 33 00-0001)* | | |
| 11 41 33 00-0485 | EA | 18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack | 616.11 | 21.57 |
| 11 41 33 00-0486 | EA | 18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack | 775.30 | 22.13 |
| 11 41 33 00-0487 | EA | 18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack | 1,318.75 | 22.70 |
| 11 41 33 00-0488 | EA | 24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack | 675.07 | 21.57 |
| 11 41 33 00-0489 | EA | 24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack | 843.57 | 22.13 |
| 11 41 33 00-0490 | EA | 24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack | 1,439.23 | 22.70 |
| **11 41 33 00-0491** | | **Mobile Racks** *(11 41 33 00-0001)* | | |
| 11 41 33 00-0492 | EA | Mobile Rack With Pan Slide | 1,641.99 | 34.39 |
| **11 41 33 00-0493** | | **Can Racks** *(11 41 33 00-0001)* | | |
| 11 41 33 00-0494 | EA | 27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack<br>Note: 156 #10 cans capacity | 3,519.69 | 34.39 |

## 11 42 Food Preparation Equipment *(11 40)*

### 11 42 13 Food Preparation Appliances *(11 42)*

| | | | | |
|---|---|---|---|---|
| **11 42 13 00-0001** | | **Vertical Cutter Mixers** *(11 42 13)* | | |
| 11 42 13 00-0002 | EA | Bench Type Mixers, 25 Quart | 9,698.04 | 203.05 |
| 11 42 13 00-0003 | EA | Bench Type Mixers, 40 Quart | 11,208.59 | 225.62 |
| 11 42 13 00-0004 | EA | Bench Type Mixers, 80 Quart | 13,924.52 | 324.89 |
| 11 42 13 00-0005 | EA | Bench Type Mixers, 130 Quart | 15,561.93 | 406.11 |
| **11 42 13 00-0006** | | **Choppers** *(11 42 13)* | | |
| 11 42 13 00-0007 | EA | Choppers, 5 LB | 2,459.07 | 180.49 |
| 11 42 13 00-0008 | EA | Choppers, 16 LB | 3,605.92 | 234.64 |
| 11 42 13 00-0009 | EA | Choppers, 35 LB - 40 LB | 6,947.41 | 288.78 |
| 11 42 13 00-0010 | EA | Choppers, 35 LB - 40 LB/Min, 2 HP | 5,761.26 | 256.57 |
| 11 42 13 00-0011 | EA | Choppers, 35 LB - 40 LB/Min, 3 HP | 6,531.00 | 256.57 |
| **11 42 13 00-0012** | | **Stand Model Mixer** *(11 42 13)* | | |
| 11 42 13 00-0013 | EA | 10 Quart, 120 Volt, 3/4 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX10) | 1,243.91 | 68.31 |
| 11 42 13 00-0014 | EA | 20 Quart, 120 Volt, 1-1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX20) | 1,560.73 | 68.31 |
| 11 42 13 00-0015 | EA | 10 Quart, 120 Volt, 1/3 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Globe SP10) | 4,209.37 | 68.31 |
| 11 42 13 00-0016 | EA | 20 Quart, 240 Voltage, 1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Stainless Steel Bowl Guard (Hobart HL-200-1) | 8,978.74 | 85.73 |
| **11 42 13 00-0017** | | **Floor Model Mixer** *(11 42 13)* | | |
| 11 42 13 00-0018 | EA | 30 Quart, 120 Voltage, 1-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX30) | 3,303.26 | 68.31 |
| 11 42 13 00-0019 | EA | 40 Quart, 240 Voltage, 2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX40) | 4,585.74 | 75.91 |
| 11 42 13 00-0020 | EA | 60 Quart, 240 Voltage, 2-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX60) | 7,931.33 | 85.39 |
| 11 42 13 00-0021 | EA | 30 Quart, 240 Voltage, 3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-300-1) | 17,093.50 | 85.73 |
| 11 42 13 00-0022 | EA | 40 Quart, 240 Voltage, 1-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-400-1) | 20,991.78 | 87.99 |
| 11 42 13 00-0023 | EA | 60 Quart, 220-240 Voltage, 2-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-600-1) | 26,742.53 | 90.25 |
| 11 42 13 00-0024 | EA | 80 Quart, 220-240 Voltage, 3 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL800-1) | 39,499.83 | 112.80 |
| 11 42 13 00-0025 | EA | 140 Quart, 220-240 Voltage, 5 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-1400-1) | 50,596.40 | 144.40 |
| **11 42 13 00-0026** | | **Slicers** *(11 42 13)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 42 13 00-0027 | EA | 1/3 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL312) | 800.86 | 21.35 |
| 11 42 13 00-0028 | EA | 1/2 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL512) | 1,178.45 | 21.35 |
| 11 42 13 00-0029 | EA | 1/2 HP, 13" Medium-Duty Manual Gravity Feed Meat Slicer (Avantco SL713MAN) | 1,709.17 | 21.35 |
| 11 42 13 00-0030 | EA | 1/2 HP, 12" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL612A) | 2,922.25 | 21.35 |
| 11 42 13 00-0031 | EA | 3/4 HP, 13" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL713A) | 3,225.52 | 21.35 |
| 11 42 13 00-0032 | EA | 1/2 HP, 13" Heavy-Duty Automatic Gravity Feed Meat Slicer (Hobart EDGE13A-11) | 5,944.33 | 21.35 |
| 11 42 13 00-0033 | | Peelers *(11 42 13)* | | |
| 11 42 13 00-0034 | EA | 22 Lb, 120 Voltage, Potato Peeler (Sammic PI-10) | 3,510.25 | 146.65 |
| 11 42 13 00-0035 | EA | 44 Lb, 120 Voltage, Potato Peeler (Sammic PI-20) | 4,051.33 | 171.02 |
| 11 42 13 00-0036 | EA | 66 Lb, 120 Voltage, Potato Peeler (Sammic PI-30) | 6,304.01 | 195.57 |
| 11 42 13 00-0037 | EA | 20 Lb, 115 Voltage, Potato Peeler (Hobart 6115) | 5,631.43 | 146.65 |
| 11 42 13 00-0038 | EA | 40 Lb, 115 Voltage, Potato Peeler (Hobart 6430-1) | 11,442.00 | 171.02 |
| 11 42 13 00-0039 | EA | 60 Lb, 115 Voltage, Potato Peeler (Hobart 6460-1) | 12,186.19 | 195.57 |
| 11 42 13 00-0040 | | Proof Boxes *(11 42 13)* | | |
| 11 42 13 00-0041 | EA | 30-1/2" x 22-1/2", Stainless Steel Proof Box | 3,205.58 | 74.85 |
| 11 42 13 00-0042 | EA | 30-1/2" x 45", Stainless Steel Proof Box | 5,363.86 | 125.44 |
| 11 42 13 00-0043 | EA | 30-1/2" x 45", Galvanized Proof Box | 3,291.07 | 56.94 |
| 11 42 13 00-0044 | | Non-Insulated Heated Proof Cabinet *(11 42 13)* | | |
| 11 42 13 00-0045 | EA | Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet | 1,863.73 | 71.72 |
| 11 42 13 00-0046 | EA | Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet | 1,999.24 | 76.69 |
| 11 42 13 00-0047 | EA | Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet | 1,851.08 | 71.15 |
| 11 42 13 00-0048 | EA | Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet | 1,961.89 | 75.42 |
| 11 42 13 00-0049 | | Insulated Heated Proof Cabinet *(11 42 13)* | | |
| 11 42 13 00-0050 | EA | 3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet | 2,992.72 | 98.21 |
| 11 42 13 00-0051 | EA | 3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet | 3,127.43 | 102.66 |
| 11 42 13 00-0052 | | Pass-Thru Hot Food Holding Cabinet *(11 42 13)* | | |
| 11 42 13 00-0053 | EA | Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet | 6,547.20 | 189.52 |
| 11 42 13 00-0054 | EA | Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet | 6,966.94 | 189.52 |
| 11 42 13 00-0055 | EA | Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet | 8,900.70 | 198.54 |
| 11 42 13 00-0056 | EA | Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet | 9,758.11 | 198.54 |
| **11 42 16** | | **Food Preparation Surfaces** *(11 42)* | | |
| 11 42 16 00-0001 | | Tables *(11 42 16)* | | |
| 11 42 16 00-0002 | | Baker's Table *(11 42 16 00-0001)* | | |
| 11 42 16 00-0003 | EA | 4' Open Base Baker's Table | 813.22 | 43.78 |
| 11 42 16 00-0004 | EA | 10' Open Base Baker's Table | 1,596.08 | 85.84 |
| 11 42 16 00-0005 | EA | 10' Undershelf Baker's Table | 1,969.31 | 105.93 |
| 11 42 16 00-0006 | EA | 10' Three Drawers Baker's Table | 2,112.14 | 113.74 |
| 11 42 16 00-0007 | EA | 10' Bins Baker's Table | 3,107.52 | 167.39 |
| 11 42 16 00-0008 | EA | 10' Bins And Drawers Baker's Table | 4,879.70 | 262.76 |
| 11 42 16 00-0009 | | Preparation Table, Stainless Steel, With Undershelf *(11 42 16 00-0001)* | | |
| 11 42 16 00-0010 | EA | 30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf | 1,165.21 | 23.09 |
| 11 42 16 00-0011 | EA | 30" x 72' Marine Edge Stainless Steel Preparation Table With Undershelf | 1,254.12 | 27.72 |
| 11 42 16 00-0012 | EA | 36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf | 1,898.05 | 37.69 |
| 11 42 16 00-0013 | | Preparation Table, Stainless Steel, With Open Front *(11 42 16 00-0001)* | | |
| 11 42 16 00-0014 | EA | 30" X 72" Round Edge Stainless Steel Preparation Table With Open Front | 1,226.91 | 24.29 |
| 11 42 16 00-0015 | EA | 36" X 96" Round Edge Stainless Steel Preparation Table With Open Front | 1,576.92 | 31.24 |
| 11 42 16 00-0016 | EA | 36" X 96" Square Edge Stainless Steel Preparation Table With Open Front | 1,354.57 | 26.87 |
| 11 42 16 00-0017 | EA | 36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front | 1,630.46 | 32.36 |
| 11 42 16 00-0018 | EA | Roller Utility Drawers Stainless Steel Preparation Table With Open Front | 329.38 | 6.52 |
| 11 42 16 00-0019 | | Mobile Tables *(11 42 16 00-0001)* | | |
| 11 42 16 00-0020 | EA | 21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top | 3,145.08 | 20.68 |
| 11 42 16 00-0021 | EA | 32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top | 1,691.20 | 24.81 |
| 11 42 16 00-0022 | EA | 32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top | 1,404.01 | 27.89 |
| 11 42 16 00-0023 | | Hot Food Tables, Stainless Steel, Gas Or Electric *(11 42 16 00-0001)* | | |
| 11 42 16 00-0024 | EA | 32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables | 2,507.54 | 49.79 |
| 11 42 16 00-0025 | EA | 32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables | 2,033.94 | 40.35 |
| 11 42 16 00-0026 | EA | Full Size Pan With Cover Stainless Steel Hot Food Tables | 168.82 | 3.35 |
| 11 42 16 00-0027 | EA | Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables | 247.02 | 4.89 |
| 11 42 16 00-0028 | EA | 58-1/2", 4 Openings Stainless Steel Hot Food Tables | 5,003.90 | 117.23 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 42 16 00-0029 | EA | 114-1/2", 8 Openings Stainless Steel Hot Food Tables | 9,954.94 | 233.89 |
| 11 42 16 00-0030 | | **Basic Table** *(11 42 16 00-0001)* | | |
| 11 42 16 00-0031 | LF | Table, Basic | 270.58 | 19.12 |
| 11 42 16 00-0032 | | **Table With Sink** *(11 42 16)* | | |
| 11 42 16 00-0033 | LF | Table With Sink | 355.49 | 44.59 |

### 11 42 23 Food Preparation Scullery Sinks *(11 42)*

| | | | | |
|---|---|---|---|---|
| 11 42 23 00-0001 | | **Stainless Steel Scullery Sinks** *(11 42 23)* | | |
| | | Note: Excludes faucet. See CSI section 22 42 39 00-0068 for service sink faucets. | | |
| 11 42 23 00-0002 | EA | Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard | 2,316.14 | 187.12 |
| | | *For Additional Drain Board, Add* | *210.23* | |
| 11 42 23 00-0003 | EA | Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard | 3,268.41 | 213.85 |
| | | *For Additional Drain Board, Add* | *300.11* | |
| 11 42 23 00-0004 | EA | Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard | 4,323.91 | 213.85 |
| | | *For Additional Drain Board, Add* | *400.31* | |
| 11 42 23 00-0005 | EA | Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard | 6,173.63 | 213.85 |
| | | *For Additional Drain Board, Add* | *574.59* | |
| 11 42 23 00-0006 | EA | Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard | 3,824.16 | 213.85 |

## 11 44 Food Cooking Equipment *(11 40)*

### 11 44 13 Commercial Ranges *(11 44)*

| | | | | |
|---|---|---|---|---|
| 11 44 13 00-0001 | | **Range** *(11 44 13)* | | |
| 11 44 13 00-0002 | EA | Heavy Duty Range, With 34" Open Top Oven | 2,434.68 | 90.25 |
| 11 44 13 00-0003 | EA | Range With Fry Top | 2,434.68 | 90.25 |
| 11 44 13 00-0004 | EA | Steel Finish Fry Top | 5,222.89 | 140.79 |
| 11 44 13 00-0005 | EA | Stainless Top Only Fry Top | 5,220.30 | 139.18 |
| 11 44 13 00-0006 | EA | Stainless Top And 2 Sides Fry Top | 6,032.41 | 162.05 |
| 11 44 13 00-0007 | EA | Gas Range, Vulcan #260L | 5,449.19 | 144.37 |
| | | Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks. | | |
| 11 44 13 00-0008 | EA | 48" Range With Casters (Vulcan 48C-4B24GN) | 13,141.91 | 68.79 |

### 11 44 16 Commercial Ovens *(11 44)*

| | | | | |
|---|---|---|---|---|
| 11 44 16 00-0001 | | **Bake Oven** *(11 44 16)* | | |
| 11 44 16 00-0002 | EA | 55", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836) | 14,156.90 | 318.90 |
| 11 44 16 00-0003 | EA | 55", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836) | 14,156.90 | 318.90 |
| 11 44 16 00-0004 | EA | 74", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736) | 19,154.55 | 318.90 |
| 11 44 16 00-0005 | EA | 74", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736) | 19,154.55 | 318.90 |
| 11 44 16 00-0006 | EA | 55", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836) | 27,324.93 | 364.46 |
| 11 44 16 00-0007 | EA | 55", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836) | 27,324.93 | 364.46 |
| 11 44 16 00-0008 | | **Rapid-Cook Countertop Bake Ovens** *(11 44 16)* | | |
| 11 44 16 00-0009 | EA | 6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Control, Stainless Steel Countertop Oven (TurboChef ECS-9500-1) | 9,720.40 | 17.20 |
| 11 44 16 00-0010 | EA | 800 To 2,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Control, Stainless Steel Classic Countertop Oven (MerryChef E1SM) | 5,761.95 | 17.20 |
| 11 44 16 00-0011 | EA | 4,700 Watts, 208/240 Volt, 1.2 CF, Rapid Cook Type, Touchscreen Control, Stainless Steel Countertop Oven (MerryChef E3-1330-H ) | 4,535.20 | 17.20 |
| 11 44 16 00-0012 | EA | 800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop High-Speed Oven (TurboChef ECO-9500-1) | 6,922.95 | 17.20 |
| 11 44 16 00-0013 | EA | 800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Black (TurboChef ECO-9500-5) | 7,205.87 | 17.20 |
| 11 44 16 00-0014 | EA | 800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Red (TurboChef ECO-9500-2) | 7,205.87 | 17.20 |
| 11 44 16 00-0015 | EA | 800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Blue (TurboChef ECO-9500) | 7,205.87 | 17.20 |
| 11 44 16 00-0016 | EA | 800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Green (TurboChef ECO-9500) | 7,205.87 | 17.20 |
| 11 44 16 00-0017 | EA | 800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven, White (TurboChef ECO-9500) | 7,205.87 | 17.20 |
| 11 44 16 00-0018 | EA | 1,600 To 1,700 Watts, 208/240 Volt, 1.05 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven (TurboChef NGC-1280-1) | 13,419.43 | 17.20 |
| 11 44 16 00-0019 | EA | 6,200 Watts, 208/240 Volt, 1.304 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E4S) | 12,440.38 | 17.20 |
| 11 44 16 00-0020 | EA | 4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Ventless Countertop Oven (Amana JET19V) | 6,637.69 | 17.20 |
| 11 44 16 00-0021 | EA | 3,200 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Countertop Oven (Amana JET14) | 5,422.68 | 17.20 |
| 11 44 16 00-0022 | EA | 4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven (Amana JET19) | 5,898.12 | 17.20 |
| 11 44 16 00-0023 | EA | 6,200 Watts, 208/240 Volt, 0.78 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef ENC-9600-601) | 14,123.78 | 17.20 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 44 16 00-0024 | EA | 5,700 Watts, 208/240 Volt, 1.38 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven With Teflon® Coating And Touch Screen Display (Amana MXP22TLT) | 12,607.07 | 17.20 |
| 11 44 16 00-0025 | EA | 1,000 To 2,200 Watts, 208/240 Volt, 0.58 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E2S STANDARD CLASSIC) | 8,812.96 | 17.20 |
| 11 44 16 00-0026 | EA | 9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5) | 17,752.36 | 17.20 |
| 11 44 16 00-0027 | EA | 9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5) | 17,752.36 | 17.20 |
| 11 44 16 00-0028 | EA | 9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5 Touch) | 18,409.76 | 17.20 |
| 11 44 16 00-0029 | EA | 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5-9500-414-DL) | 18,409.76 | 17.20 |
| 11 44 16 00-0030 | EA | 1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX1) | 9,754.45 | 17.20 |
| 11 44 16 00-0031 | EA | 5,000 Watts, 208/240 Volt, 1.45 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef HHB-8603-1) | 9,720.40 | 17.20 |
| 11 44 16 00-0032 | EA | 6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef I1-9500-400) | 11,860.46 | 17.20 |
| 11 44 16 00-0033 | EA | 4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Countertop Oven (TurboChef I1-9500-104) | 10,329.67 | 17.20 |
| 11 44 16 00-0034 | EA | 6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen, Countertop Oven With Panini Press (TurboChef PANINI) | 11,543.50 | 17.20 |
| 11 44 16 00-0035 | EA | 6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven With Panini Press (TurboChef PANINI TOUCH) | 12,105.81 | 17.20 |
| 11 44 16 00-0036 | EA | 4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven With Touch Controls (TurboChef SOTA SNGL MAG TOUCH) | 10,717.06 | 17.20 |
| 11 44 16 00-0037 | EA | 6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER) | 13,032.03 | 17.20 |
| 11 44 16 00-0038 | EA | 6,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER TCH) | 13,613.12 | 17.20 |
| 11 44 16 00-0039 | EA | 2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX2) | 10,282.71 | 17.20 |
| 11 44 16 00-0040 | EA | 2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX1 BLACK) | 9,871.84 | 17.20 |
| 11 44 16 00-0041 | EA | 2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX1 RED) | 9,871.84 | 17.20 |
| 11 44 16 00-0042 | EA | 1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX2 BLACK) | 10,400.10 | 17.20 |
| 11 44 16 00-0043 | EA | 1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX2 RED) | 10,400.10 | 17.20 |
| 11 44 16 00-0044 | EA | 4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Powder Coated, Countertop Oven (TurboChef I1-9500-1) | 11,302.85 | 17.20 |
| 11 44 16 00-0045 | EA | 8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3) | 15,148.61 | 17.20 |
| 11 44 16 00-0046 | EA | 8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3) | 15,148.61 | 17.20 |
| 11 44 16 00-0047 | EA | 8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch) | 15,782.53 | 17.20 |
| 11 44 16 00-0048 | EA | 8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch) | 15,782.53 | 17.20 |
| 11 44 16 00-0049 | EA | 10,720/12,480 Watts, 208/240 Volt, 1.18 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Double Batch Ventless Countertop Oven (TurboChef HHD-9500-1) | 14,198.91 | 17.20 |
| 11 44 16 00-0050 | EA | 5,616 Watts, 208/240 Volt, 0.99 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Single Batch Ventless Countertop Oven (TurboChef HHS-9500-1) | 10,670.11 | 17.20 |

## 11 44 16 00-0051 Combination Ovens *(11 44 16)*

Note: Convection, steam and combination modes.

| | | | | |
|---|---|---|---|---|
| 11 44 16 00-0052 | EA | 35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven | 21,215.89 | 157.93 |
| 11 44 16 00-0053 | EA | 35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven | 34,810.34 | 180.49 |
| 11 44 16 00-0054 | EA | 35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven | 28,755.28 | 180.49 |
| 11 44 16 00-0055 | EA | 35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven | 69,411.10 | 225.62 |
| 11 44 16 00-0056 | EA | 35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven | 52,692.57 | 225.62 |

## 11 44 16 00-0057 Countertop Electric Convection Type Ovens *(11 44 16)*

| | | | | |
|---|---|---|---|---|
| 11 44 16 00-0058 | EA | 1,440 Watts, 120 Volt, 0.8 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Quarter Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-14) | 287.93 | 8.60 |
| 11 44 16 00-0059 | EA | 1,600 Watts, 120 Volt, 1.5 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-16) | 471.91 | 8.60 |
| 11 44 16 00-0060 | EA | 2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Half Size, Stainless Steel Countertop Electric Convection Oven (Avantco CO-28) | 557.59 | 8.60 |
| 11 44 16 00-0061 | EA | 2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 550 Degrees Fahrenheit Temperature Range, 2.3 CF, One Glass Door, Half Size, Stainless Steel Countertop Electric Convection Oven With Steam Injection (Avantco CO-32) | 720.03 | 8.60 |
| 11 44 16 00-0062 | EA | 3,500 To 4,600 Watts, 208-240 Volt, 4.4 CF, 550 Degrees Fahrenheit, Two Glass Doors, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Avantco CO-38) | 1,315.66 | 8.60 |
| 11 44 16 00-0063 | EA | 3,500 To 4,600 Watts, 208 To 240 Volt, 4.4 CF, 150 To 550 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Full Size, Stainless Steel Countertop Electric Cooky Type Convection Oven With Steam Injection (Avantco CO-46) | 1,532.25 | 8.60 |
| 11 44 16 00-0064 | EA | 1,440 Watts, 120 Volt, 0.8 CF, 500 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Quarter Size, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3Q) | 255.44 | 8.60 |
| 11 44 16 00-0065 | EA | 1,600 Watts, 120 Volt, 1.5 CF, 500 Degrees Fahrenheit, One Glass Door, Half Size, Dial Control, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3H) | 428.71 | 8.60 |
| 11 44 16 00-0066 | EA | 1,700 Watts, 120 Volt, 27-15/16" Length x 23-5/8" Width x 24" Height, 200 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Stainless Steel 4 Pan Electric Countertop Convection Oven (Global Solutions GS1110-17) | 1,238.82 | 8.60 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 44 16 00-0067 | EA | 1,400 Watts, 120 Volt, 1.19 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40703) | 1,126.30 | 8.60 |
| 11 44 16 00-0068 | EA | 2,400 Watts, 230 Volt, 1.9 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40701) | 1,534.20 | 8.60 |
| 11 44 16 00-0069 | EA | 5,600 Watts, 230 Volt, 4.27 CF, 150 - 570 Degrees Fahrenheit Temperature Range, 1 Glass Door, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Vollrath 40702) | 2,492.93 | 8.60 |
| **11 44 16 00-0070** | | **Electric Convection Type Ovens** *(11 44 16)* | | |
| 11 44 16 00-0071 | EA | 11 kW, 240 Volt, Two Glass Doors, 41-1/2" x 38-1/8" x 54-1/8", Single Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC-100) | 3,530.60 | 34.40 |
| 11 44 16 00-0072 | EA | 22 kW, 240 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200DK) | 7,002.49 | 68.79 |
| 11 44 16 00-0073 | EA | 22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200CK) | 7,002.49 | 68.79 |
| 11 44 16 00-0074 | EA | 22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200EK) | 6,864.90 | |
| 11 44 16 00-0075 | EA | 22 kW, 208 Volt , 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200BK) | 7,002.49 | 68.79 |
| 11 44 16 00-0076 | EA | 24 kW, 208 Volt, 3 Phase, Four Glass Doors, 40" x 40-1/8" x 68-13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/3) | 11,566.54 | 68.79 |
| 11 44 16 00-0077 | EA | 12 kW, 208 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/3) | 5,783.26 | 34.40 |
| 11 44 16 00-0078 | EA | 12 kW, 240 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/1) | 5,783.26 | 34.40 |
| 11 44 16 00-0079 | EA | 12.5 kW, 208 Volt, 3 Phase, Two Glass Doors, 41-1/8" x 40-1/4" x 54-3/4", Single Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC4ED-11D1 208/3) | 6,347.93 | 34.40 |
| 11 44 16 00-0080 | EA | 12 kW, 208 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/1) | 5,783.26 | 34.40 |
| 11 44 16 00-0081 | EA | 12 kW, 240 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 24", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/3) | 5,783.26 | 34.40 |
| 11 44 16 00-0082 | EA | 25 kW, 208 Volt, 3 Phase, Four Glass Doors, 41-1/8" x 40" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC44ED-208/3) | 12,695.88 | 68.79 |
| 11 44 16 00-0083 | EA | 11 kW, 220/240 Volt, 1 Phase, Two Glass Doors, 36-7/8" x 38-1/4" x 57", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Blodgett SHO-100-E) | 5,399.29 | 34.40 |
| 11 44 16 00-0084 | EA | 22 kW, 208 Volt, 3 Phase, Four Glass Doors, 36-7/8" x 38-1/4" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Blodgett SHO-100-E) | 10,798.58 | 68.79 |
| 11 44 16 00-0085 | EA | 24 kW, 208 Volt, 1 Phase, Four Glass Doors, 40" x 40-1/8" x 68 13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/1) | 11,566.54 | 68.79 |
| 11 44 16 00-0086 | EA | 21 kW, 208 Volt, 1 Phase, Four Glass Doors, 46" x 40" x 74-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Bakers Pride BPCV-E2 208/1) | 14,636.62 | 68.79 |
| **11 44 16 00-0087** | | **Natural Gas Convection Type Ovens** *(11 44 16)* | | |
| 11 44 16 00-0088 | EA | 54,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC100N) | 3,892.74 | 34.40 |
| 11 44 16 00-0089 | EA | 108,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC200N) | 7,583.03 | |
| 11 44 16 00-0090 | EA | 100,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Solid State Controls (Vulcan VC44GD-NAT) | 13,327.64 | 68.79 |
| 11 44 16 00-0091 | EA | 100,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Vulcan VC55GD) | 12,762.11 | 68.79 |
| 11 44 16 00-0092 | EA | 100,000 BTU, 500 Degrees Fahrenheit, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G) | 11,913.82 | 68.79 |
| 11 44 16 00-0093 | EA | 50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven with Solid State Controls And Legs (Vulcan VC4GD-11D150K) | 6,663.81 | 34.40 |
| 11 44 16 00-0094 | EA | 120,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G) | 6,595.02 | |
| 11 44 16 00-0095 | EA | 120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Analog Controls (Garland MCO-GS-20S) | 18,631.93 | 68.79 |
| 11 44 16 00-0096 | EA | 50,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G) | 5,956.91 | 34.40 |
| 11 44 16 00-0097 | EA | 100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G-ES) | 16,338.23 | 68.79 |
| 11 44 16 00-0098 | EA | 120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Digital Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Digital Controls (Garland MCO-GS-20) | 24,288.85 | 68.79 |
| 11 44 16 00-0099 | EA | 120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Garland MCO-GS-20-ESS) | 18,494.34 | |
| 11 44 16 00-0100 | EA | 100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Standard Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-100-G) | 15,257.08 | 68.79 |
| 11 44 16 00-0101 | EA | 90,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett BDO-100-G-ES) | 13,577.13 | 68.79 |
| 11 44 16 00-0102 | EA | 50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Vulcan VC5GDN) | 6,381.05 | 34.40 |
| **11 44 16 00-0103** | | **Broiler, Without Oven** *(11 44 16)* | | |
| 11 44 16 00-0104 | EA | 69" x 26" x 39" Broiler Without Oven | 6,766.85 | 144.40 |
| 11 44 16 00-0105 | EA | Conveyor Broiler | 6,013.37 | 167.58 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 44 16 00-0106** | | **Oven Stands** *(11 44 16)* | | |
| 11 44 16 00-0107 | EA | Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand) | 1,688.38 | |
| **11 44 16 00-0108** | | **Triple Conveyor Oven** *(11 44 16)* | | |
| 11 44 16 00-0109 | EA | 30 kW, 208 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3)<br>Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range | 49,342.86 | 137.59 |
| 11 44 16 00-0110 | EA | 30 kW, 240 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3)<br>Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range | 49,342.86 | 137.59 |
| 11 44 16 00-0111 | EA | 22 kW, 208 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)<br>Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range | 100,772.38 | 137.59 |
| 11 44 16 00-0112 | EA | 22 kW, 220 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)<br>Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range | 91,255.02 | 137.59 |
| 11 44 16 00-0113 | EA | 22 kW, 240 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)<br>Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range | 91,255.02 | 137.59 |
| 11 44 16 00-0114 | EA | 330,000 BTU, Natural Gas, Three Door, Triple Conveyor, Low Profile FastBake Stainless Steel, Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)<br>Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range | 100,772.38 | 137.59 |
| 11 44 16 00-0115 | EA | 330,000 BTU, Liquid Propane, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3)<br>Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range | 100,772.38 | 137.59 |

## 11 44 19 Commercial Cooking Equipment *(11 44)*

| | | | | |
|---|---|---|---|---|
| **11 44 19 00-0001** | | **Drop-In Electric Griddle** *(11 44 19)* | | |
| 11 44 19 00-0002 | EA | 24" Wide x 24" Deep, Drop-In Electric Griddle | 3,719.45 | 124.09 |
| 11 44 19 00-0003 | EA | 36" Wide x 24" Deep, Drop-In Electric Griddle | 5,292.19 | 124.09 |
| 11 44 19 00-0004 | EA | 48" Wide x 24" Deep, Drop-In Electric Griddle | 6,057.44 | 135.37 |
| 11 44 19 00-0005 | EA | 60" Wide x 24" Deep, Drop-In Electric Griddle | 7,249.48 | 135.37 |
| 11 44 19 00-0006 | EA | 72" Wide x 24" Deep, Drop-In Electric Griddle | 9,292.90 | 146.65 |
| **11 44 19 00-0007** | | **Countertop Griddle** *(11 44 19)* | | |
| 11 44 19 00-0008 | EA | 16", 120 Voltage, 1750 Watt, Electric Countertop Griddle (Avantco EG16N) | 497.53 | 115.99 |
| 11 44 19 00-0009 | EA | 24", 208/240 Voltage, 2675 To 3560 Watt, Electric Countertop Griddle (Avantco EG24N) | 636.13 | 115.99 |
| 11 44 19 00-0010 | EA | 30", 208/240 Voltage, 3375 To 4500 Watt, Electric Countertop Griddle (Avantco EG30N) | 716.98 | 115.99 |
| 11 44 19 00-0011 | EA | 36", 208/240 Voltage, 7488 To 10080 Watt, Electric Countertop Griddle (Avantco EG36N) | 923.73 | 115.99 |
| 11 44 19 00-0012 | EA | 24", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40716) | 1,009.78 | 115.99 |
| 11 44 19 00-0013 | EA | 36", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40717) | 1,318.51 | 115.99 |
| **11 44 19 00-0014** | | **Panini Sandwich Grill** *(11 44 19)* | | |
| 11 44 19 00-0015 | EA | 3,500 Watts, 120 Volt, Double Commercial Panini Sandwich Grill With Smooth Plates (Avantco P85S) | 512.55 | 68.79 |
| 11 44 19 00-0016 | EA | 1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Plates (Avantco P78) | 389.61 | 68.79 |
| 11 44 19 00-0017 | EA | 1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Smooth Plates (Avantco P70S) | 389.61 | 68.79 |
| 11 44 19 00-0018 | EA | 1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Top and Smooth Bottom Plates (Avantco P75SG) | 389.61 | 68.79 |
| 11 44 19 00-0019 | EA | 2,392 Watts, 208 Volt, Panini Perfetto Grooved Top And Bottom Panini Sandwich Grill (Waring WPG150B) | 812.37 | 68.79 |
| **11 44 19 00-0020** | | **Electric Countertop Fryer, With Submerger** *(11 44 19)* | | |
| 11 44 19 00-0021 | EA | 30 LB Capacity, 208-240 Volt, Two Basket, Countertop Deep Fryer (Avantco F202)) | 794.15 | 68.79 |
| 11 44 19 00-0022 | EA | 30 LB Capacity, 208-240 Volt, Four Basket, Commercial Countertop Deep Fryer (Vollrath 40710) | 1,757.28 | 68.79 |
| 11 44 19 00-0023 | EA | 30 LB Capacity, 240 Volt, Two Basket, Countertop Electric Deep Fryer (Garland E24-31F) | 6,569.95 | 68.79 |
| **11 44 19 00-0024** | | **Electric Floor Fryer, With Submerger** *(11 44 19)* | | |
| 11 44 19 00-0025 | EA | 50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer | 5,871.84 | 180.49 |
| 11 44 19 00-0026 | EA | 50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer | 6,163.92 | 180.49 |
| 11 44 19 00-0027 | EA | 85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer | 19,707.95 | 234.64 |
| 11 44 19 00-0028 | EA | 85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer | 20,187.25 | 234.64 |
| **11 44 19 00-0029** | | **Kettles, Steam Jacketed** *(11 44 19)* | | |
| 11 44 19 00-0030 | EA | 5 Gallon Kettle, With Stand | 3,778.43 | 86.63 |
| 11 44 19 00-0031 | EA | 20 Gallon Kettle With Steam Jacket | 14,506.90 | 115.50 |
| 11 44 19 00-0032 | EA | 40 Gallon Kettle With Steam Jacket | 14,996.48 | 127.05 |
| 11 44 19 00-0033 | EA | 60 Gallon Kettle With Steam Jacket | 18,156.26 | 138.59 |
| **11 44 19 00-0034** | | **Steamers, Electric** *(11 44 19)* | | |
| **11 44 19 00-0035** | | **Cooking Equipment/ Steamers** *(11 44 19 00-0034)* | | |
| 11 44 19 00-0036 | EA | 3 Pan, Electric Countertop Convection Steamer | 8,065.52 | 189.52 |
| 11 44 19 00-0037 | EA | 5 Pan, Electric Countertop Convection Steamer | 10,627.42 | 198.54 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 44 19 00-0038 | EA | 3 Pan, Electric Countertop Boilerless/Connectionless Steamer | 7,461.37 | 189.52 |
| 11 44 19 00-0039 | EA | 5 Pan, Electric Countertop Boilerless/Connectionless Steamer | 10,888.28 | 198.54 |
| **11 44 19 00-0040** | | **Braising Pans** *(11 44 19)* | | |
| 11 44 19 00-0041 | EA | 24" x 24", 240 Volt, Tilting Braising Pan | 8,063.42 | 201.32 |
| 11 44 19 00-0042 | EA | 24" x 31", 240 Volt, Tilting Braising Pan | 8,508.91 | 211.71 |
| 11 44 19 00-0043 | EA | 24" x 41", 240 Volt, Tilting Braising Pan | 9,062.64 | 225.45 |
| 11 44 19 00-0044 | EA | 24" x 24", 62,000 BTU/Hour, Tilting Braising Pan | 10,511.66 | 262.52 |
| 11 44 19 00-0045 | EA | 24" x 31", 90,000 BTU/Hour, Tilting Braising Pan | 10,869.51 | 270.61 |
| 11 44 19 00-0046 | EA | 24" x 41", 120,000 BTU/Hour, Tilting Braising Pan | 11,291.44 | 277.77 |
| **11 44 19 00-0047** | | **Toasters** *(11 44 19)* | | |
| 11 44 19 00-0048 | EA | Bun Toaster 3.2 KW | 1,582.97 | 33.48 |
| 11 44 19 00-0049 | EA | Bun Toaster 4.3 KW | 1,727.61 | 36.49 |
| 11 44 19 00-0050 | EA | Pop-Up Toaster, 2 Slot | 512.14 | 97.73 |
| 11 44 19 00-0051 | EA | Conveyor Toaster | 879.32 | 146.65 |
| **11 44 19 00-0052** | | **Microwave Ovens** *(11 44 19)* | | |
| 11 44 19 00-0053 | EA | 120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Dial Controls (Galaxy MW1000PD) | 198.97 | 8.60 |
| 11 44 19 00-0054 | EA | 120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Push Button Controls (Galaxy MW1000PB) | 219.16 | 8.60 |
| 11 44 19 00-0055 | EA | 120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Stainless Steel Commercial Microwave With Push Button Controls (Solwave MW1000SS) | 286.49 | 8.60 |
| 11 44 19 00-0056 | EA | 120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13-1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112D) | 367.28 | 8.60 |
| 11 44 19 00-0057 | EA | 120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13 1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112T) | 461.53 | 8.60 |
| 11 44 19 00-0058 | EA | 120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwave With Dial Controls (Solwave RMS10DS) | 286.49 | 8.60 |
| 11 44 19 00-0059 | EA | 120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwaves With Push Button Controls (Amana RMS10TS) | 335.64 | 8.60 |
| 11 44 19 00-0060 | EA | 120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-3/4" Height, Medium Volume, Stainless Steel Commercial Microwave (Amana RCS10DSE) | 598.89 | 8.60 |
| 11 44 19 00-0061 | EA | 120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-7/8" Height, Stackable, Commercial Microwave With Push Button Controls (Amana RCS10TS) | 732.20 | 8.60 |
| 11 44 19 00-0062 | EA | 120 Volt, 1,000 Watt, 21-5/8" Length x 16-1/2" Width x 13-1/2" Height, Stainless Steel, Heavy Duty Commercial Microwave With Push Button Controls (Amana HDC12A2) | 1,544.14 | 8.60 |
| 11 44 19 00-0063 | EA | 120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Manual Controls (Vollrath 40830) | 420.88 | 8.60 |
| 11 44 19 00-0064 | EA | 120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Digital Controls (Vollrath 40819) | 576.07 | 8.60 |
| 11 44 19 00-0065 | EA | 120 Volt, 1,000 Watt, 17" Length x 20" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Waring WMO90) | 441.35 | 8.60 |
| 11 44 19 00-0066 | EA | 120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Panasonic NE-1054F) | 387.49 | 8.60 |
| 11 44 19 00-0067 | EA | 120 Volt, 1,000 Watt, 16-3/8" Length x 20-1/8" Width x 12" Height, Stainless Steel Microwave With Programmable Memory Pads (Panasonic NE-1064F) | 756.43 | 8.60 |
| 11 44 19 00-0068 | EA | 120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel Commercial Microwave With Dial Timer (Panasonic NE-1025) | 347.10 | 8.60 |
| 11 44 19 00-0069 | EA | 120 Volt, 1,200 Watt, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Stainless Steel Commercial Microwave With Programmable Menu And Auto Cool Down (Solwave MW1200T) | 729.50 | 8.60 |
| 11 44 19 00-0070 | EA | 120 Volt, 1,200 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, See-through Door, USB Port, Commercial Heavy Duty Stainless Steel Microwave (Solwave MWHD12) | 810.29 | 8.60 |
| 11 44 19 00-0071 | EA | 120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 15 Integrated Power Levels, See-through Door, Stainless Steel, Commercial, Medium Duty, Microwave With 90 Programmable Menu Pads (Panasonic NE-12523) | 1,363.71 | 8.60 |
| 11 44 19 00-0072 | EA | 120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, Programmable, 15 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Panasonic NE-12521) | 1,265.41 | 8.60 |
| 11 44 19 00-0073 | EA | 120 Volt, 2,000 Watt, 21" Length x 21-3/4" Width x 14-3/8" Height, 4 Cooking Stages, 5 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Amana RFS12TS) | 1,490.28 | 8.60 |
| 11 44 19 00-0074 | EA | 208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 3-Stage Cooking, See-through Door, Stainless Steel, Commerical Microwave With LCD Display (Panasonic NE-17521) | 1,396.03 | 8.60 |
| 11 44 19 00-0075 | EA | 208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13" Height, LCD Display With Digital Countdown, Stainless Steel, Commercial Microwave With 90 Programmable Memory Pads (Panasonic NE-17523) | 1,568.38 | 8.60 |
| 11 44 19 00-0076 | EA | 208/230-240 Volt, 2,100 Watt, 20-3/4" Length x 25-9/16" Width x 18-9/16" Height, Sonic Steamer, Stainless Steel, Commercial Microwave With 8 Programmable Memory Pads (Panasonic NE-2180) | 4,240.53 | 8.60 |
| 11 44 19 00-0077 | EA | 208/230-240 Volt, 3,200 Watt, 20-3/4" Length x 25-9/16" Width x 18-5/8" Height, Sonic Steamer, See-though Door, Stainless Steel, Commercial Microwave With 3-stage Cook (Panasonic NE-3280) | 5,622.05 | 8.60 |
| 11 44 19 00-0078 | EA | 208/230 Volt, 1,800 Watt, 20-1/4" Length x 21-3/4" Width x 14-1/4" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Amana RFS18TS) | 1,750.16 | 8.60 |
| 11 44 19 00-0079 | EA | 208/230 Volt, 2,200 Watt, 23-1/2" Length x 25-5/8" Width x 18-5/8" Height, Stainless Steel, Heavy Duty, 2 Pan Programmable Microwave (Amana AMSO22) | 5,470.57 | 8.60 |
| 11 44 19 00-0080 | EA | 208/230 Volt, 2,400 Watt, 19-3/16" Length x 13-5/8" Width x 17-5/8" Height, 11 Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana AOC24) | 3,374.05 | 8.60 |
| 11 44 19 00-0081 | EA | 208/240 Volt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, Space Saver, USB Port, Stainless Steel, Commercial, Heavy Duty Microwave (Solwave MWHD18) | 904.55 | 8.60 |
| 11 44 19 00-0082 | EA | 208/240 Volt, 2,100 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Stackable, Commercial Microwave With Push Button Controls (Solwave MW2100T) | 958.41 | 8.60 |
| 11 44 19 00-0083 | EA | 208/240 Volt, 2,100 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 15 Power Levels, USB Port, Space Saver, Stainless Steel, Heavy Duty, Commercial Microwave With Push Button Controls (Solwave MWHD21) | 1,025.74 | 8.60 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 44 19 00-0084 | EA | 208/240 Volt, 1,700 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, See-through Door, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC17S2) | 2,477.27 | 8.60 |
| 11 44 19 00-0085 | EA | 208/240 Volt, 1,800 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Commerical Microwave With Push Button Controls (Solwave MW1800T) | 823.76 | 8.60 |
| 11 44 19 00-0086 | EA | 208/240 Volt, 1,800 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana HDC182) | 1,810.75 | 8.60 |
| 11 44 19 00-0087 | EA | 208/240 Volt, 1,800 Watt, 31-5/8" Length x 16-1/2" Width x 13-1/3" Height, Stainless Steel Commercial, Heavy Duty Microwave With Push Button Controls, Canadian Use Only (Amana HDC1815) | 1,822.87 | 8.60 |
| 11 44 19 00-0088 | EA | 208/240 Volt, 1,800 Watt, 20-3/4" Length x 22-3/5" Width x 14-1/2" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Waring WMO120) | 1,700.34 | 8.60 |
| 11 44 19 00-0089 | EA | 208/240 Volt, 2,100 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, 11 Integrated Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave (Amana HDC212) | 1,895.58 | 8.60 |
| 11 44 19 00-0090 | EA | 208/240 Volt, 2,100 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 5 Cooking Stages, Half-size Pans, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Panasonic NE-21521) | 1,713.80 | 8.60 |
| 11 44 19 00-0091 | EA | 208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC22S2) | 3,095.32 | 8.60 |
| 11 44 19 00-0092 | EA | 208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC30S2) | 4,064.81 | 8.60 |
| **11 44 19 00-0093** | | **Ceramic Broiler On Storage Base With Doors** *(11 44 19)* | | |
| 11 44 19 00-0094 | EA | Standard Finish Ceramic Boiler On Storage Base With Doors | 6,643.59 | 165.05 |
| 11 44 19 00-0095 | EA | Stainless Steel Front Ceramic Boiler On Storage Base With Doors | 6,643.59 | 165.05 |
| 11 44 19 00-0096 | EA | Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors | 8,257.43 | 206.05 |
| **11 44 19 00-0097** | | **Gas Countertop Hot Plate** *(11 44 19)* | | |
| 11 44 19 00-0098 | EA | 2 Burners Gas Countertop Hot Plate | 847.00 | 21.02 |

## 11 46 Food Dispensing Equipment *(11 40)*

### 11 46 13 Bar Equipment *(11 46)*

**11 46 13 00-0001 Soft Serve Machines** *(11 46 13)*

| | | | | |
|---|---|---|---|---|
| 11 46 13 00-0002 | EA | Soft Serve Machines, Medium | 10,964.22 | 106.67 |
| 11 46 13 00-0003 | EA | Soft Serve Machines, Large | 18,492.23 | 130.32 |

**11 46 13 00-0004 Salad Bars** *(11 46 13)*

| | | | | |
|---|---|---|---|---|
| 11 46 13 00-0005 | EA | 96" Refrigerated Salad Bar With Light 54" Height | 13,604.66 | 447.56 |
| 11 46 13 00-0006 | EA | 96" Refrigerated Salad Bar Without Light 54" Height | 12,472.24 | 447.56 |
| 11 46 13 00-0007 | EA | 96" Iced Salad Bar Without Light 54" Height | 8,782.15 | 245.90 |
| 11 46 13 00-0008 | EA | 79" Iced Salad Bar Without Light 54" Height | 6,944.20 | 202.01 |
| 11 46 13 00-0009 | EA | 79" Refrigerated Salad Bar Without Light 54" Height | 10,551.24 | 296.37 |
| 11 46 13 00-0010 | EA | 114" Iced Salad Bar 34" Height | 11,633.34 | 262.52 |
| 11 46 13 00-0011 | EA | Salad Bar Tray Fixed | 1,389.25 | 44.46 |
| 11 46 13 00-0012 | EA | Salad Bar Tray Hinged | 1,477.64 | 44.46 |

### 11 46 16 Service Line Equipment *(11 46)*

**11 46 16 00-0001 Food Warmer Holding Station** *(11 46 16)*

| | | | | |
|---|---|---|---|---|
| 11 46 16 00-0002 | EA | Food Warmer Station And Heat Lamp | 584.88 | 12.36 |

**11 46 16 00-0003 Reach-In Food Warmers** *(11 46 16)*

| | | | | |
|---|---|---|---|---|
| 11 46 16 00-0004 | EA | One Drawer, 16 Roll Capacity Food Warmer | 1,258.61 | 26.61 |
| 11 46 16 00-0005 | EA | Three Drawer, 36 Roll Capacity Food Warmer | 2,880.26 | 60.95 |

**11 46 16 00-0006 Countertop Food Warmer** *(11 46 16)*

| | | | | |
|---|---|---|---|---|
| 11 46 16 00-0007 | EA | 12" x 20", 1500 Watt, 120 Voltage, Full Size Electric Countertop Food Cooker / Warmer (Avantco W50CKR) | 159.66 | 21.35 |
| 11 46 16 00-0008 | EA | 12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer (Avantco W50) | 138.25 | 21.35 |
| 11 46 16 00-0009 | EA | 12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Topping Station With 1 Condiment Pump And (1) 7 Quart Inset With Lid And Ladle (Avantco WK12007PL) | 452.11 | 21.35 |
| 11 46 16 00-0010 | EA | 12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Soup Station With 3 Insets, 3 Covers, And 3 (3 Ounce) Ladles (Avantco WK12004X3) | 307.99 | 21.35 |

**11 46 16 00-0011 Hot Cabinets With Top Wells Electric** *(11 46 16)*

| | | | | |
|---|---|---|---|---|
| 11 46 16 00-0012 | EA | 2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric | 6,792.69 | 165.05 |
| 11 46 16 00-0013 | EA | 3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric | 9,705.12 | 236.54 |

**11 46 16 00-0014 Portable Hot Food Units** *(11 46 16)*

| | | | | |
|---|---|---|---|---|
| 11 46 16 00-0015 | EA | 46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030) | 5,398.19 | |
| 11 46 16 00-0016 | EA | 60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040) | 6,180.41 | |
| 11 46 16 00-0017 | EA | 74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050) | 6,985.24 | |

**11 46 16 00-0018 Stationary Hot Food Units** *(11 46 16)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 46 16 00-0019 | EA | 46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203) | 1,637.59 | 33.61 |
| 11 46 16 00-0020 | EA | 61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204) | 2,197.45 | 38.69 |
| 11 46 16 00-0021 | EA | 76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205) | 2,736.43 | 49.55 |
| **11 46 16 00-0022** | | **Serving Counters** *(11 46 16)* | | |
| 11 46 16 00-0023 | LF | 11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section | 106.78 | 36.82 |
| 11 46 16 00-0024 | LF | 11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section | 136.66 | 56.40 |
| **11 46 16 00-0025** | | **Drop-In Equipment** *(11 46 16)* | | |
| 11 46 16 00-0026 | EA | Hot Food Well, Rectangular | 486.35 | 117.32 |
| 11 46 16 00-0027 | EA | Hot Food Well, Circular | 447.02 | 117.32 |
| 11 46 16 00-0028 | EA | Refrigerated Well, 2 Compartment | 1,832.96 | 117.32 |
| 11 46 16 00-0029 | EA | Refrigerated Well, 3 Compartment | 2,082.80 | 130.32 |
| 11 46 16 00-0030 | EA | Refrigerated Well, 4 Compartment | 2,366.55 | 146.65 |
| 11 46 16 00-0031 | EA | Frost Cold Plate | 1,853.58 | 130.32 |
| **11 46 16 00-0032** | | **Beverage Dispensing** *(11 46 16)* | | |
| 11 46 16 00-0033 | EA | Coffee Urn, Twin 3 Gallon | 3,059.66 | 207.38 |
| 11 46 16 00-0034 | EA | Coffee Urn, Twin 6 Gallon | 4,356.27 | 290.29 |
| 11 46 16 00-0035 | EA | Coffee Brewer, 5 Burner | 1,299.63 | 207.38 |
| 11 46 16 00-0036 | EA | Hot Chocolate Dispenser | 1,255.94 | 170.81 |
| 11 46 16 00-0037 | EA | Iced Tea Brewer | 1,816.39 | 170.81 |
| 11 46 16 00-0038 | EA | Juice Dispenser (Concentrate) | 1,307.55 | 260.45 |
| 11 46 16 00-0039 | EA | Jet Spray Dispenser | 1,848.82 | 260.72 |
| 11 46 16 00-0040 | EA | Milk Dispenser, Bulk, 2 Flavor | 1,547.93 | 146.65 |
| 11 46 16 00-0041 | EA | Milk Dispenser, Bulk, 3 Flavor | 2,108.39 | 146.65 |
| **11 46 16 00-0042** | | **Dish Dispensers** *(11 46 16)* | | |
| 11 46 16 00-0043 | EA | Heated Plate Lift; Adjustable Plate Storage And Transport (Adcraft ADC-LR-2) | 1,699.49 | 21.35 |
| 11 46 16 00-0044 | EA | 12" Diameter, Drop-in, Dish Dispenser | 611.56 | 24.56 |
| 11 46 16 00-0045 | EA | Drop-in, Cup And Glass Dispenser | 1,033.72 | 76.35 |
| 11 46 16 00-0046 | EA | Drop-in, Disposable Cup Dispenser | 378.53 | 17.20 |
| **11 46 16 00-0047** | | **Tray And Silver Dispensers** *(11 46 16)* | | |
| 11 46 16 00-0048 | EA | Tray And Silver Dispensers Mobile | 2,406.00 | 17.20 |
| **11 46 16 00-0049** | | **Condiment Dispensers** *(11 46 16)* | | |
| 11 46 16 00-0050 | EA | Butter Pat Dispenser | 135.42 | 21.52 |
| 11 46 16 00-0051 | EA | Bread Dispenser, Counter Top | 393.03 | 21.52 |
| **11 46 16 00-0052** | | **Sandwich Rack Warmer** *(11 46 16)* | | |
| 11 46 16 00-0053 | EA | 18 Compartment, 2 Tier Sandwich Rack Warmer | 3,010.01 | 98.63 |
| **11 46 16 00-0054** | | **Mobile Bread Counter** *(11 46 16)* | | |
| 11 46 16 00-0055 | EA | Mobile Bread And Roll Counter | 6,909.60 | 221.74 |
| **11 46 16 00-0056** | | **Open Service Stand** *(11 46 16)* | | |
| 11 46 16 00-0057 | EA | 6' Open Service Stand | 2,703.89 | 103.37 |
| 11 46 16 00-0058 | LF | Each Additional Foot Over 6 Foot Add | 369.88 | 13.97 |
| **11 46 16 00-0059** | | **Mobile Serving Stand Unit** *(11 46 16)* | | |
| 11 46 16 00-0060 | EA | 36" Mobile Serving Stand Unit | 2,363.80 | 98.87 |
| 11 46 16 00-0061 | EA | 96" Mobile Serving Stand Unit | 3,881.56 | 148.19 |
| **11 46 16 00-0062** | | **Reach-In Heated Cabinets** *(11 46 16)* | | |
| 11 46 16 00-0063 | EA | Heated Cabinet, Reach-in, 1 Compartment | 4,725.47 | 150.44 |
| 11 46 16 00-0064 | EA | Heated Cabinet, Reach-in, 2 Compartment | 6,808.94 | 189.25 |
| 11 46 16 00-0065 | EA | Heated Cabinet, 1 Compartment, Pass-Through Roll-In | 4,946.70 | 150.44 |
| 11 46 16 00-0066 | EA | Heated Cabinet, Pass-Through, Roll-In 2 Compartment | 7,130.46 | 189.25 |
| **11 46 16 00-0067** | | **Mobile Heated Cabinets** *(11 46 16)* | | |
| 11 46 16 00-0068 | EA | Mobile, Heated Cabinet | 5,297.23 | 42.99 |
| **11 46 16 00-0069** | | **Smoothie Machine** *(11 46 16)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 46 16 00-0070 | EA | Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And Two 64 Ounce Polycarbonate Containers (Avamix BX2000T2J) | 348.90 | 21.35 |
| 11 46 16 00-0071 | EA | Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And One 64 Ounce Polycarbonate Container (Avamix BX2000T) | 304.68 | 21.35 |
| 11 46 16 00-0072 | EA | Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2000V2J) | 371.58 | 21.35 |
| 11 46 16 00-0073 | EA | Smoothie Machines 3-1/2 HP Commercial Blender With Touchpad Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2100E2J) | 382.92 | 21.35 |
| 11 46 16 00-0074 | EA | Smoothie Machines 2 HP Commercial Blender With Toggle Control And 64 Ounce Polycarbonate Container (Avamix BL2T64) | 197.79 | 21.35 |
| **11 46 16 00-0075** | | **Refrigerated Buffet Display Table** *(11 46 16)* | | |
| 11 46 16 00-0076 | EA | 35" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-36-N) | 2,968.21 | 21.35 |
| 11 46 16 00-0077 | EA | 47" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-48-N) | 3,934.46 | 21.35 |
| 11 46 16 00-0078 | EA | 59" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-60-N) | 4,546.56 | 21.35 |
| 11 46 16 00-0079 | EA | 71" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-72-N) | 5,325.75 | 21.35 |
| **11 46 16 00-0080** | | **Refrigerated Bakery Display Case** *(11 46 16)* | | |
| 11 46 16 00-0081 | EA | 26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC36HCW) | 2,510.62 | 17.20 |
| 11 46 16 00-0082 | EA | 26-1/2" Length x 47-7/8" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC48HCB) | 2,882.22 | 17.20 |
| 11 46 16 00-0083 | EA | 26-1/2" Length x 59-2/3" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC48HCW) | 2,887.10 | 19.68 |
| 11 46 16 00-0084 | EA | 26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC60HCB) | 3,134.84 | 19.68 |
| 11 46 16 00-0085 | EA | 26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC60HCW) | 3,134.84 | 19.68 |
| 11 46 16 00-0086 | EA | 26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC72HCB) | 4,024.43 | 19.68 |
| 11 46 16 00-0087 | EA | 26-1/2" Length x 72-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Bakery Display Case, White (Avantco 193BC72HCW) | 4,024.43 | 19.68 |
| 11 46 16 00-0088 | EA | 27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3646NW) | 5,068.70 | 22.90 |
| 11 46 16 00-0089 | EA | 27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP3646FN) | 6,450.35 | 22.90 |
| 11 46 16 00-0090 | EA | 27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, Two Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3646NN) | 5,068.70 | 22.90 |
| 11 46 16 00-0091 | EA | 27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3646FW) | 6,450.35 | 22.90 |
| 11 46 16 00-0092 | EA | 27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Doors, R-290 Refrigerant, Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3654NW) | 5,370.72 | 22.90 |
| 11 46 16 00-0093 | EA | 27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654F) | 5,370.72 | 22.90 |
| 11 46 16 00-0094 | EA | 27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3654NN) | 5,370.72 | 22.90 |
| 11 46 16 00-0095 | EA | 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4846NN) | 5,709.78 | 22.90 |
| 11 46 16 00-0096 | EA | 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4846FW) | 7,267.78 | 22.90 |
| 11 46 16 00-0097 | EA | 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4846NW) | 5,709.78 | 22.90 |
| 11 46 16 00-0098 | EA | 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4846FD) | 6,842.87 | 22.90 |
| 11 46 16 00-0099 | EA | 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4846FN) | 7,267.78 | 22.90 |
| 11 46 16 00-0100 | EA | 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4854FW) | 7,700.50 | 22.90 |
| 11 46 16 00-0101 | EA | 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4854NW) | 6,049.63 | 22.90 |
| 11 46 16 00-0102 | EA | 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4854FD) | 7,250.23 | 22.90 |
| 11 46 16 00-0103 | EA | 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4854FN) | 7,700.50 | 22.90 |
| 11 46 16 00-0104 | EA | 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4854NN) | 6,049.63 | 22.90 |
| 11 46 16 00-0105 | EA | 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6046FW) | 7,968.55 | 22.90 |
| 11 46 16 00-0106 | EA | 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP6046FD) | 7,502.67 | 22.90 |
| 11 46 16 00-0107 | EA | 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP6046FN) | 7,968.55 | 22.90 |
| 11 46 16 00-0108 | EA | 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6046NN) | 7,968.55 | 22.90 |
| 11 46 16 00-0109 | EA | 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6054FD) | 7,949.82 | 22.90 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 46 16 00-0110 | EA | 27-1/2" Length x 59" Width x 52-3/8" Height, 36" Curved Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco 193BC36HCB) | 2,526.24 | 25.04 |
| 11 46 16 00-0111 | EA | 27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6054FW) | 8,447.92 | 25.04 |
| 11 46 16 00-0112 | EA | 27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP6054NW) | 6,636.70 | 25.04 |
| 11 46 16 00-0113 | EA | 27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654FW) | 6,835.46 | 22.90 |
| 11 46 16 00-0114 | EA | 34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB36RWN) | 2,367.89 | 25.04 |
| 11 46 16 00-0115 | EA | 34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB36FBN) | 8,727.29 | 25.04 |
| 11 46 16 00-0116 | EA | 34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB36FWN) | 8,727.29 | 25.04 |
| 11 46 16 00-0117 | EA | 34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB362WN) | 8,727.29 | 25.04 |
| 11 46 16 00-0118 | EA | 34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB48DWN) | 5,437.65 | 25.04 |
| 11 46 16 00-0119 | EA | 34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Refrigerated Bakery Display Case, Black (Turbo Air TCGB48FBN) | 10,513.55 | 25.04 |
| 11 46 16 00-0120 | EA | 34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB48FWN) | 10,513.55 | 25.04 |
| 11 46 16 00-0121 | EA | 34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB482WN) | 10,513.55 | 25.04 |
| 11 46 16 00-0122 | EA | 34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB60DWN) | 6,252.55 | 25.04 |
| 11 46 16 00-0123 | EA | 34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB60FBN) | 10,679.38 | 25.04 |
| 11 46 16 00-0124 | EA | 34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB60FWN) | 14,049.79 | 25.04 |
| 11 46 16 00-0125 | EA | 34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB602WN) | 14,049.79 | 25.04 |
| 11 46 16 00-0126 | EA | 34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB722WN) | 11,165.11 | 27.51 |
| 11 46 16 00-0127 | | Dry Bakery Display Case *(11 46 16)* | | |
| 11 46 16 00-0128 | EA | 26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD36B) | 1,683.21 | 17.20 |
| 11 46 16 00-0129 | EA | 26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD36W) | 1,683.21 | 17.20 |
| 11 46 16 00-0130 | EA | 26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD48B) | 1,866.51 | 17.20 |
| 11 46 16 00-0131 | EA | 26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD48W) | 1,866.51 | 17.20 |
| 11 46 16 00-0132 | EA | 26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD60B) | 2,146.35 | 19.68 |
| 11 46 16 00-0133 | EA | 26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD60W) | 2,558.78 | 19.68 |
| 11 46 16 00-0134 | EA | 26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD72B) | 2,503.79 | 19.68 |
| 11 46 16 00-0135 | EA | 26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD72W) | 2,503.79 | 19.68 |
| 11 46 16 00-0136 | EA | 27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air TBP3646FN) | 5,258.54 | 22.90 |
| 11 46 16 00-0137 | EA | 27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air TBP3646FW) | 10,471.20 | 22.90 |
| 11 46 16 00-0138 | EA | 34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Turbo Air TCGB72DWN) | 8,296.48 | 27.51 |
| 11 46 16 00-0139 | EA | 35-3/4" Length x 37-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Beverage-Air CDR3HCWD) | 5,098.20 | 25.04 |
| 11 46 16 00-0140 | EA | 35-3/4" Length x 36-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR3HCBD) | 5,098.20 | 25.04 |
| 11 46 16 00-0141 | EA | 35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR4HCBD) | 5,098.20 | 25.04 |
| 11 46 16 00-0142 | EA | 35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Doors, 2 Shelves, Dry Bakery Display Case, White (Beverage-Air CDR4HCWD) | 5,098.20 | 25.04 |
| 11 46 16 00-0143 | EA | 35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR5HCBD) | 5,303.04 | 25.04 |
| 11 46 16 00-0144 | EA | 35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR5HCWD) | 5,303.04 | 25.04 |
| 11 46 16 00-0145 | EA | 35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR6HCBD) | 5,733.33 | 27.51 |
| 11 46 16 00-0146 | EA | 35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White(Beverage-Air CDR6HCWD) | 5,733.33 | 27.51 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 46 16 00-0147** | | **Dual Dry/Refrigerated Bakery Display Case** *(11 46 16)* | | |
| 11 46 16 00-0148 | EA | 34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Dual Dry/Refrigerated Bakery Display Case, Black (Turbo Air TCGB60UFCBON) | 15,253.37 | 25.04 |
| 11 46 16 00-0149 | EA | 34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60UFCOWN) | 15,253.37 | 25.04 |
| 11 46 16 00-0150 | EA | 34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60COWN) | 15,253.37 | 25.04 |
| 11 46 16 00-0151 | EA | 34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72UFCOWN) | 15,258.39 | 27.51 |
| 11 46 16 00-0152 | EA | 34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72COWN) | 15,662.32 | 27.51 |
| **11 46 16 00-0153** | | **Refrigerated Deli Case** *(11 46 16)* | | |
| 11 46 16 00-0154 | EA | 30" Length x 72-1/2" Width x 41-7/8" Height, 72" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72LWN) | 10,705.24 | 91.71 |
| 11 46 16 00-0155 | EA | 30" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72HWN) | 10,705.24 | 91.71 |
| 11 46 16 00-0156 | EA | 30" Length x 96-1/2" Width x 41-7/8" Height, 96" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96LWN) | 12,280.11 | 91.71 |
| 11 46 16 00-0157 | EA | 30" Length x 96-1/2" Width x 5-1/8" Height, 96" Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degree Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96HWN) | 12,280.11 | 91.71 |
| 11 46 16 00-0158 | EA | 32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC36HCB) | 2,473.78 | 55.04 |
| 11 46 16 00-0159 | EA | 32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Doors, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC36HCS) | 2,697.33 | 55.04 |
| 11 46 16 00-0160 | EA | 32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahreheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC36HCW) | 2,473.78 | 55.04 |
| 11 46 16 00-0161 | EA | 32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC47HCB) | 2,795.44 | 68.79 |
| 11 46 16 00-0162 | EA | 32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC47HCS) | 3,042.52 | 68.79 |
| 11 46 16 00-0163 | EA | 32-1/2" Length x 64-1/3" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC64HCW) | 3,264.89 | 91.71 |
| 11 46 16 00-0164 | EA | 32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC64HCB) | 3,264.89 | 91.71 |
| 11 46 16 00-0165 | EA | 32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC64HCS) | 3,700.22 | 91.71 |
| 11 46 16 00-0166 | EA | 32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC47HCW) | 2,841.33 | 91.71 |
| 11 46 16 00-0167 | EA | 32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC82HCB) | 3,570.80 | 91.71 |
| 11 46 16 00-0168 | EA | 32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC82HCW) | 3,570.80 | 91.71 |
| 11 46 16 00-0169 | EA | 32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC82HCS) | 3,935.53 | 91.71 |
| **11 46 19** | | **Soda Fountain Equipment** *(11 46)* | | |
| **11 46 19 00-0001** | | **Carbonated Beverage Dispensing** *(11 46 19)* | | |
| 11 46 19 00-0002 | EA | Carbonated Beverage Dispenser | 3,307.41 | 366.67 |
| 11 46 19 00-0003 | EA | Carbonated Beverage Dispenser With 90 LB Ice | 5,248.88 | 419.01 |
| 11 46 19 00-0004 | EA | Carbonated Beverage Dispenser With 150 LB Ice | 9,652.79 | 586.59 |
| **11 46 19 00-0005** | | **Beverage Chilling Systems** *(11 46 19)* | | |
| 11 46 19 00-0006 | EA | Beverage Chiller, Small | 8,037.72 | 356.38 |
| 11 46 19 00-0007 | EA | Beverage Chiller, Large | 15,052.29 | 534.62 |
| **11 46 83** | | **Ice Machines** *(11 46)* | | |
| **11 46 83 00-0001** | | **Undercounter Ice Machines With Bin** *(11 46 83)* | | |
| 11 46 83 00-0002 | EA | 53 LB/Day, Air Cooled Undercounter Octagonal Cube Ice Machine Wiith 25 LB Capacity Bin (Manitowoc SM-50A 115/60/1) | 2,393.23 | 17.20 |
| 11 46 83 00-0003 | EA | 85 LB/Day, Air Cooled Undercounter Pearl/Nugget Ice Machine With 22 LB Capacity Bin (Ice-O-Matic GEMU090) | 3,814.69 | 157.93 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 46 83 00-0004 | EA | 137 LB/Day, Air Cooled Undercounter Half Dice Cube Ice Machine With 90 LB Capacity Bin (Manitowoc UYF0140A) | 2,895.28 | 157.93 |
| 11 46 83 00-0005 | EA | 100 LB/Day, Undercounter, Air Cooled Ice Machine With 57 LB Capacity Bin (Scotsman CU0920MA) | 2,824.97 | 157.93 |
| 11 46 83 00-0006 | EA | 227 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2024SA) | 3,043.29 | 169.22 |
| 11 46 83 00-0007 | EA | 282 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2724SA) | 3,410.01 | 169.22 |
| **11 46 83 00-0008** | | **Ice Cube Maker** *(11 46 83)* | | |
| 11 46 83 00-0009 | EA | 320 LB/Day, Modular Ice Maker Without Bin | 3,564.98 | 169.22 |
| 11 46 83 00-0010 | EA | 451 LB/Day, Modular Ice Maker Without Bin | 3,874.55 | 180.49 |
| 11 46 83 00-0011 | EA | 600 LB/Day, Modular Ice Maker Without Bin | 4,440.29 | 180.49 |
| 11 46 83 00-0012 | EA | 901 LB/Day, Modular Ice Maker Without Bin | 6,359.52 | 191.77 |
| 11 46 83 00-0013 | EA | 1301 LB/Day, Modular Ice Maker Without Bin | 7,220.78 | 191.77 |
| 11 46 83 00-0014 | EA | 1601 LB/Day, Modular Ice Maker Without Bin | 8,709.60 | 203.05 |
| 11 46 83 00-0015 | EA | 1900 LB/Day, Modular Ice Maker Without Bin | 9,624.87 | 203.05 |
| **11 46 83 00-0016** | | **Ice Flakers** *(11 46 83)* | | |
| 11 46 83 00-0017 | EA | 300 LB/Day, Ice Flakers | 6,092.85 | 580.80 |
| 11 46 83 00-0018 | EA | 600 LB/Day, Ice Flakers | 11,039.46 | 929.29 |
| 11 46 83 00-0019 | EA | 1,000 LB/Day, Ice Flakers | 13,644.56 | 1,277.78 |
| 11 46 83 00-0020 | EA | 2,000 LB/Day, Ice Flakers | 16,674.35 | 1,393.94 |
| **11 46 83 00-0021** | | **Ice Storage Bins** *(11 46 83)* | | |
| 11 46 83 00-0022 | EA | 260 LB Capacity, Stainless Steel Ice Storage Bin | 1,389.45 | 103.19 |
| 11 46 83 00-0023 | EA | 360 LB Capacity, Stainless Steel Ice Storage Bin | 1,527.73 | 103.19 |
| 11 46 83 00-0024 | EA | 550 LB Capacity, Stainless Steel Ice Storage Bin | 1,913.68 | 111.79 |
| 11 46 83 00-0025 | EA | 660 LB Capacity, Stainless Steel Ice Storage Bin | 2,067.33 | 111.79 |
| 11 46 83 00-0026 | EA | 1150 LB Capacity, Stainless Steel Ice Storage Bin | 4,005.11 | 120.39 |

## 11 48 Foodservice Cleaning and Disposal Equipment *(11 40)*

### 11 48 13 Commercial Dishwashers *(11 48)*

| | | | | |
|---|---|---|---|---|
| **11 48 13 00-0001** | | **Rack Type Dishwasher** *(11 48 13)* | | |
| 11 48 13 00-0002 | EA | Dishwasher, 1 Tank And 190 Racks/Hour | 10,470.66 | 232.23 |
| 11 48 13 00-0003 | EA | Dishwasher, 2 Tanks And 234 Racks/Hour | 18,061.21 | 609.60 |
| 11 48 13 00-0004 | EA | Dishwasher, 2 Tanks And 265 Racks/Hour | 21,684.03 | 696.69 |
| 11 48 13 00-0005 | EA | Dishwasher, Automatic - 100 Meals/Hour | 16,820.51 | 174.17 |
| 11 48 13 00-0006 | EA | Dishwasher, Machine Rack | 19,679.59 | 483.85 |
| 11 48 13 00-0007 | EA | Dishwasher, Hobart LX30-H | 5,249.78 | 203.20 |
| **11 48 13 00-0008** | | **Exhaust Hood Dishwasher** *(11 48 13)* | | |
| 11 48 13 00-0009 | EA | 4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides | 2,043.87 | 191.10 |
| 11 48 13 00-0010 | EA | 4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides | 3,508.87 | 229.32 |
| **11 48 13 00-0011** | | **Dish Tables** *(11 48 13)* | | |
| 11 48 13 00-0012 | LF | Clean/Soiled Dish Table, Basic | 254.63 | 44.59 |
| 11 48 13 00-0013 | LF | Clean/Soiled Dish Table With Trough | 399.23 | 66.83 |
| 11 48 13 00-0014 | LF | Clean/Soiled Dish Table, Maximum | 486.24 | 89.07 |
| **11 48 13 00-0015** | | **Sprays And Hoses** *(11 48 13)* | | |
| **11 48 13 00-0016** | | **Sprays, Fillers** *(11 48 13 00-0015)* | | |
| 11 48 13 00-0017 | EA | Pre-Rinse Spray | 415.21 | 84.66 |
| 11 48 13 00-0018 | EA | Kettle Fillers | 366.05 | 84.66 |
| **11 48 13 00-0019** | | **Hoses** *(11 48 13 00-0015)* | | |
| 11 48 13 00-0020 | EA | Hose Reel | 498.26 | 101.64 |
| 11 48 13 00-0021 | EA | Wash-Down Hose | 399.93 | 101.64 |
| 11 48 13 00-0022 | EA | Hose Reel And Spray System With Accessories (Chicago 535NF) | 1,292.93 | |

### 11 48 16 Foodservice Disposal Equipment *(11 48)*

| | | | | |
|---|---|---|---|---|
| **11 48 16 00-0001** | | **Garbage Disposals** *(11 48 16)*<br>Note: Manual switch. | | |
| 11 48 16 00-0002 | EA | 1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal | 1,401.49 | 156.76 |
| 11 48 16 00-0003 | EA | 3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal | 1,756.89 | 162.56 |
| 11 48 16 00-0004 | EA | 1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal | 2,450.03 | 174.17 |
| 11 48 16 00-0005 | EA | 1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal | 1,884.22 | 168.37 |
| 11 48 16 00-0006 | EA | 2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal | 2,668.24 | 191.59 |
| 11 48 16 00-0007 | EA | 3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal | 3,738.87 | 209.01 |
| 11 48 16 00-0008 | EA | 5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal | 4,457.48 | 232.23 |
| 11 48 16 00-0009 | EA | 7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal | 6,186.93 | 249.64 |
| 11 48 16 00-0010 | EA | 10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal | 8,132.07 | 261.26 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 48 16 00-0011 | | Pulper/Extractors *(11 48 16)* | | |
| 11 48 16 00-0012 | EA | 5 HP, Pulper/Extractor, Close-Coupled | 5,416.54 | 241.87 |

# 11 50 Educational and Scientific Equipment *(11)*

## 11 52 Audio-Visual Equipment *(11 50)*

### 11 52 13 Projection Screens *(11 52)*

### 11 52 13 13 Fixed Projection Screens *(11 52 13)*

| | | | | |
|---|---|---|---|---|
| 11 52 13 13-0001 | | Screens *(11 52 13 13)* | | |
| 11 52 13 13-0002 | | Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) *(11 52 13 13-0001)* | | |
| 11 52 13 13-0003 | EA | 40" x 40" Pull Down Projection Screen (Da-Lite B) | 306.68 | 60.12 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0004 | EA | 50" x 50" Pull Down Projection Screen (Da-Lite B) | 363.76 | 77.30 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0005 | EA | 60" x 60" Pull Down Projection Screen (Da-Lite B) | 455.19 | 107.36 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0006 | EA | 70" x 70" Pull Down Projection Screen (Da-Lite B) | 525.16 | 128.83 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0007 | EA | 84" x 84" Pull Down Projection Screen (Da-Lite B) | 816.10 | 193.25 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0008 | EA | 96" x 96" Pull Down Projection Screen (Da-Lite B) | 967.12 | 214.72 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0009 | EA | 64" x 84" Pull Down Projection Screen (Da-Lite B) | 704.45 | 137.42 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0010 | EA | 72" x 96" Pull Down Projection Screen (Da-Lite B) | 800.18 | 171.78 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0011 | EA | 43" x 57" Pull Down Projection Screen (Da-Lite B) | 440.52 | 73.00 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0012 | EA | 50" x 67" Pull Down Projection Screen (Da-Lite B) | 608.72 | 103.06 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0013 | EA | 55" x 77" Pull Down Projection Screen (Da-Lite B) | 661.51 | 115.95 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0014 | EA | 60" x 80" Pull Down Projection Screen (Da-Lite B) | 705.70 | 124.53 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0015 | EA | 69" x 92" Pull Down Projection Screen (Da-Lite B) | 811.27 | 150.31 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0016 | EA | 45" x 80" Pull Down Projection Screen (Da-Lite B) | 671.34 | 107.36 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0017 | EA | 52" x 92" Pull Down Projection Screen (Da-Lite B) | 759.74 | 124.53 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0018 | | Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)* | | |
| 11 52 13 13-0019 | EA | 50" x 50" Pull Down Projection Screen (Da-Lite C) | 742.03 | 77.30 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 52 13 13-0020 | EA | 60" x 60" Pull Down Projection Screen (Da-Lite C) | 860.47 | 107.36 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0021 | EA | 70" x 70" Pull Down Projection Screen (Da-Lite C) | 991.81 | 146.01 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0022 | EA | 84" x 84" Pull Down Projection Screen (Da-Lite C) | 1,140.33 | 193.25 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0023 | EA | 6' x 8' Pull Down Projection Screen (Da-Lite C) | 1,257.00 | 197.55 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0024 | EA | 8' x 8' Pull Down Projection Screen (Da-Lite C) | 1,345.38 | 214.72 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0025 | EA | 7' x 9' Pull Down Projection Screen (Da-Lite C) | 1,372.40 | 214.72 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0026 | EA | 9' x 9' Pull Down Projection Screen (Da-Lite C) | 1,479.23 | 227.61 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0027 | EA | 8' x 10' Pull Down Projection Screen (Da-Lite C) | 1,586.06 | 240.49 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0028 | EA | 10' x 10' Pull Down Projection Screen (Da-Lite C) | 1,701.46 | 257.67 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0029 | EA | 9' x 12' Pull Down Projection Screen (Da-Lite C) | 1,917.62 | 257.67 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0030 | EA | 12' x 12' Pull Down Projection Screen (Da-Lite C) | 2,197.47 | 343.56 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |

### 11 52 13 13-0031 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) *(11 52 13 13-0001)*

Note: With controlled screen return.

| | | | | |
|---|---|---|---|---|
| 11 52 13 13-0032 | EA | 60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 1,400.85 | 107.36 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0033 | EA | 70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 1,559.21 | 146.01 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0034 | EA | 84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 1,707.73 | 193.25 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0035 | EA | 6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 1,797.38 | 197.55 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0036 | EA | 8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 1,912.78 | 214.72 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0037 | EA | 7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 1,939.80 | 214.72 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0038 | EA | 9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 2,046.63 | 227.61 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0039 | EA | 8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 2,090.83 | 236.19 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0040 | EA | 10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 2,349.92 | 257.67 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 52 13 13-0041 | EA | 9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 2,593.09 | 257.67 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |
| 11 52 13 13-0042 | EA | 12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) | 2,926.99 | 343.56 |
| | | *For High Contrast Matte, Add* | *40.00* | |
| | | *For Video Spectra Fabric, Add* | *40.00* | |
| | | *For High Power Fabric, Add* | *120.00* | |

## 11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed installation.

| | | | | |
|---|---|---|---|---|
| 11 52 13 13-0044 | EA | 50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 2,148.39 | 96.62 |
| 11 52 13 13-0045 | EA | 60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 2,193.19 | 107.36 |
| 11 52 13 13-0046 | EA | 70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 2,280.47 | 128.83 |
| 11 52 13 13-0047 | EA | 84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 2,609.94 | 193.25 |
| 11 52 13 13-0048 | EA | 6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 2,674.53 | 197.55 |
| 11 52 13 13-0049 | EA | 8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 2,837.20 | 214.72 |
| 11 52 13 13-0050 | EA | 7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 2,895.53 | 214.72 |
| 11 52 13 13-0051 | EA | 9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 3,037.58 | 229.76 |
| 11 52 13 13-0052 | EA | 8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 3,215.37 | 240.49 |
| 11 52 13 13-0053 | EA | 10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 3,326.72 | 257.67 |
| 11 52 13 13-0054 | EA | 9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 3,431.71 | 257.67 |
| 11 52 13 13-0055 | EA | 12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) | 3,785.47 | 343.56 |

## 11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed or recessed installation without doors.

| | | | | |
|---|---|---|---|---|
| 11 52 13 13-0057 | EA | 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 5,105.86 | 257.67 |
| 11 52 13 13-0058 | EA | 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 5,493.79 | 343.56 |
| 11 52 13 13-0059 | EA | 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 6,822.55 | 386.50 |
| 11 52 13 13-0060 | EA | 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 7,178.64 | 429.44 |
| 11 52 13 13-0061 | EA | 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 7,620.61 | 515.33 |
| 11 52 13 13-0062 | EA | 13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 8,517.05 | 558.28 |
| 11 52 13 13-0063 | EA | 18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 9,332.47 | 601.22 |
| 11 52 13 13-0064 | EA | 15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 9,872.85 | 601.22 |
| 11 52 13 13-0065 | EA | 20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 10,612.03 | 687.11 |
| 11 52 13 13-0066 | EA | 11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 9,868.00 | 558.28 |
| 11 52 13 13-0067 | EA | 16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 10,395.87 | 687.11 |
| 11 52 13 13-0068 | EA | 22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 10,837.84 | 773.00 |
| 11 52 13 13-0069 | EA | 12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 10,494.28 | 601.22 |
| 11 52 13 13-0070 | EA | 18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)<br>Note: Heavy-duty screen for exposed or recessed installation without doors. | 13,539.74 | 773.00 |

## 11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

| | | | | |
|---|---|---|---|---|
| 11 52 13 13-0072 | EA | 50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,783.78 | 96.62 |
| 11 52 13 13-0073 | EA | 60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,886.31 | 107.36 |
| 11 52 13 13-0074 | EA | 70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,983.29 | 128.83 |
| 11 52 13 13-0075 | EA | 84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,301.26 | 193.25 |
| 11 52 13 13-0076 | EA | 6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,363.88 | 197.55 |
| 11 52 13 13-0077 | EA | 8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,560.35 | 214.72 |
| 11 52 13 13-0078 | EA | 7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,722.46 | 214.72 |
| 11 52 13 13-0079 | EA | 9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,833.58 | 229.76 |
| 11 52 13 13-0080 | EA | 8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,990.15 | 240.49 |
| 11 52 13 13-0081 | EA | 10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 6,132.58 | 257.67 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 52 13 13-0082 | EA | 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 6,186.62 | 257.67 |
| 11 52 13 13-0083 | EA | 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 6,628.59 | 343.56 |
| 11 52 13 13-0084 | EA | 10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 7,103.84 | 365.03 |
| 11 52 13 13-0085 | EA | 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 7,416.97 | 386.50 |
| 11 52 13 13-0086 | EA | 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 8,097.29 | 429.44 |
| 11 52 13 13-0087 | EA | 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 8,404.17 | 515.33 |

## 11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

| | | | | |
|---|---|---|---|---|
| 11 52 13 13-0089 | EA | 50" x 50" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 3,962.40 | 96.62 |
| 11 52 13 13-0090 | EA | 60" x 60" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,043.17 | 118.10 |
| 11 52 13 13-0091 | EA | 70" x 70" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,088.96 | 128.83 |
| 11 52 13 13-0092 | EA | 84" x 84" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,296.15 | 193.25 |
| 11 52 13 13-0093 | EA | 6' x 8' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,329.06 | 197.55 |
| 11 52 13 13-0094 | EA | 8' x 8' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,466.08 | 214.72 |
| 11 52 13 13-0095 | EA | 7' x 9' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,609.28 | 214.72 |
| 11 52 13 13-0096 | EA | 9' x 9' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,831.17 | 229.76 |
| 11 52 13 13-0097 | EA | 8' x 10' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,890.48 | 240.49 |
| 11 52 13 13-0098 | EA | 10' x 10' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 5,041.01 | 257.67 |
| 11 52 13 13-0099 | EA | 9' x 12' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 5,018.83 | 300.61 |
| 11 52 13 13-0100 | EA | 12' x 12' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 5,482.98 | 343.56 |
| 11 52 13 13-0101 | EA | 10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 6,871.48 | 365.03 |
| 11 52 13 13-0102 | EA | 14' x 14' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 7,171.10 | 386.50 |
| 11 52 13 13-0103 | EA | 12' x 16' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 7,756.85 | 429.44 |
| 11 52 13 13-0104 | EA | 16' x 16' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 8,042.11 | 515.33 |
| 11 52 13 13-0105 | EA | 13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 8,762.94 | 558.28 |
| 11 52 13 13-0106 | EA | 18' x 18' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 9,300.04 | 601.22 |
| 11 52 13 13-0107 | EA | 15' x 20' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 9,694.52 | 601.22 |
| 11 52 13 13-0108 | EA | 20' x 20' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 10,709.29 | 687.11 |
| 11 52 13 13-0109 | EA | 50" x 67" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,088.96 | 128.83 |
| 11 52 13 13-0110 | EA | 60" x 80" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,253.21 | 171.78 |
| 11 52 13 13-0111 | EA | 69" x 92" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,320.47 | 193.25 |
| 11 52 13 13-0112 | EA | 87" x 116" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,917.50 | 240.49 |
| 11 52 13 13-0113 | EA | 105" x 140" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 5,243.08 | 300.61 |
| 11 52 13 13-0114 | EA | 123" x 164" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 6,492.92 | 386.50 |
| 11 52 13 13-0115 | EA | 141" x 188" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 6,870.06 | 472.39 |
| 11 52 13 13-0116 | EA | 12' x 24' Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 12,168.89 | 644.17 |
| 11 52 13 13-0117 | EA | 45" x 80" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,266.72 | 171.78 |
| 11 52 13 13-0118 | EA | 52" x 92" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,360.99 | 193.25 |
| 11 52 13 13-0119 | EA | 54" x 96" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,465.12 | 206.14 |
| 11 52 13 13-0120 | EA | 58" x 104" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,523.80 | 223.31 |
| 11 52 13 13-0121 | EA | 65" x 116" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 4,787.81 | 240.49 |
| 11 52 13 13-0122 | EA | 78" x 139" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 5,140.41 | 300.61 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 52 13 13-0123 | EA | 92" x 164" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 6,419.97 | 386.50 |
| 11 52 13 13-0124 | EA | 106" x 188" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 7,407.73 | 472.39 |
| 11 52 13 13-0125 | EA | 119" x 212" Electric Projection Screen (Da-Lite Senior Electrol)<br>Note: Heavy duty screen for recessed or exposed installation. | 8,998.00 | 558.28 |
| 11 52 13 13-0126 | | Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) *(11 52 13 13-0001)*<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | | |
| 11 52 13 13-0127 | EA | 50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,259.84 | 96.62 |
| 11 52 13 13-0128 | EA | 60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,337.31 | 107.36 |
| 11 52 13 13-0129 | EA | 70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,422.25 | 128.83 |
| 11 52 13 13-0130 | EA | 84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,695.74 | 193.25 |
| 11 52 13 13-0131 | EA | 6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,750.99 | 197.55 |
| 11 52 13 13-0132 | EA | 8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 4,885.66 | 214.72 |
| 11 52 13 13-0133 | EA | 7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,041.98 | 214.72 |
| 11 52 13 13-0134 | EA | 9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,172.36 | 229.76 |
| 11 52 13 13-0135 | EA | 8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,268.50 | 240.49 |
| 11 52 13 13-0136 | EA | 10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,421.84 | 257.67 |
| 11 52 13 13-0137 | EA | 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,582.82 | 257.67 |
| 11 52 13 13-0138 | EA | 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)<br>Note: In-the-ceiling screen with automatically operated door to conceal screen. | 5,889.92 | 343.56 |
| 11 52 13 13-0139 | | Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) *(11 52 13 13-0001)*<br>Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated. | | |
| 11 52 13 13-0140 | EA | 60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 12,261.06 | 214.72 |
| 11 52 13 13-0141 | EA | 69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 13,103.48 | 257.67 |
| 11 52 13 13-0142 | EA | 87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 15,198.44 | 386.50 |
| 11 52 13 13-0143 | EA | 105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 19,130.71 | 515.33 |
| 11 52 13 13-0144 | EA | 120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 21,193.81 | 601.22 |
| 11 52 13 13-0145 | EA | 52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 13,017.59 | 214.72 |
| 11 52 13 13-0146 | EA | 58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 14,211.26 | 257.67 |
| 11 52 13 13-0147 | EA | 65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 15,026.66 | 300.61 |
| 11 52 13 13-0148 | EA | 78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 18,873.03 | 386.50 |
| 11 52 13 13-0149 | | Electric Rear Projection Screen (Da-Lite DA-View) *(11 52 13 13-0001)*<br>Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed. | | |
| 11 52 13 13-0150 | EA | 60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 4,000.81 | 214.72 |
| 11 52 13 13-0151 | EA | 67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 5,036.36 | 236.19 |
| 11 52 13 13-0152 | EA | 72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 5,774.12 | 257.67 |
| 11 52 13 13-0153 | EA | 84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 10,482.29 | 279.14 |
| 11 52 13 13-0154 | EA | 90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 11,617.09 | 11,316.48 |
| 11 52 13 13-0155 | EA | 96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 12,894.10 | 343.56 |
| 11 52 13 13-0156 | EA | 100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 16,553.35 | 386.50 |
| 11 52 13 13-0157 | EA | 120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 22,396.33 | 429.44 |
| 11 52 13 13-0158 | EA | 125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 25,062.98 | 472.39 |
| 11 52 13 13-0159 | EA | 135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)<br>Note: Includes a motorized spring assisted scissors mechanism and trap door housing. | 33,585.97 | 515.33 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 52 13 13-0160 | | Screen Accessories *(11 52 13 13-0001)* | | |
| 11 52 13 13-0161 | | Manual Pull Down Accessories *(11 52 13 13-0160)* | | |
| 11 52 13 13-0162 | EA | 6" Mounting Bracket (Pair) | 61.52 | 6.44 |
| 11 52 13 13-0163 | EA | 14" Wall Mounting Bracket (Pair) | 88.54 | 6.87 |
| 11 52 13 13-0164 | EA | 14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair) | 104.75 | 7.73 |
| 11 52 13 13-0165 | | Electric Powered Screen Accessories *(11 52 13 13-0160)* | | |
| 11 52 13 13-0166 | EA | Single Motor Low Voltage Remote Control System - Infrared | 667.21 | |
| 11 52 13 13-0167 | EA | Single Motor Low Voltage Remote Control System - Radio Frequency | 964.42 | |
| 11 52 13 13-0168 | | Relocate Existing Fixed Projection Screen *(11 52 13 13)* | | |
| 11 52 13 13-0169 | EA | Relocate Electric Controlled Projection Screen, Including Storage And Cleaning | 1,263.08 | |
| **11 52 13 16** | | **Portable Projection Screens** *(11 52 13)* | | |
| 11 52 13 16-0001 | | Motion Picture Screen And Case *(11 52 13 16)* | | |
| 11 52 13 16-0002 | SF | Screen, Riser Projection With Anodized Aluminum Frame | 41.86 | 3.09 |
| **11 52 16** | | **Projectors** *(11 52)* | | |
| **11 52 16 26** | | **Video Projectors** *(11 52 16)* | | |
| 11 52 16 26-0001 | | Projectors *(11 52 16 26)* | | |
| 11 52 16 26-0002 | EA | 2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector | 1,166.97 | 42.94 |
| 11 52 16 26-0003 | EA | 2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector | 1,356.16 | 42.94 |
| 11 52 16 26-0004 | EA | 2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector | 1,802.10 | 42.94 |
| 11 52 16 26-0005 | EA | 3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector | 2,856.16 | 42.94 |
| 11 52 16 26-0006 | EA | 3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector | 3,329.13 | 42.94 |
| 11 52 16 26-0007 | EA | 3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector | 4,234.53 | 42.94 |
| 11 52 16 26-0008 | EA | 4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector | 6,748.05 | 42.94 |
| 11 52 16 26-0009 | EA | 5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector | 9,153.45 | 42.94 |
| 11 52 16 26-0010 | EA | 6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector | 13,599.39 | 42.94 |
| 11 52 16 26-0011 | | Projector Mounts *(11 52 16 26)* | | |
| 11 52 16 26-0012 | | Universal Projector Mounts *(11 52 16 26-0011)*<br>Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector. | | |
| 11 52 16 26-0013 | EA | Flush Ceiling, Universal Projector Mount (Peerless PPF) | 234.55 | 47.22 |
| 11 52 16 26-0014 | EA | Wall Arm, Universal Projector Mount (Peerless PWA-14) | 402.31 | 47.22 |
| 11 52 16 26-0015 | | Projector Mount Components *(11 52 16 26-0011)*<br>Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector. | | |
| 11 52 16 26-0016 | | Ceiling Attachment Plates For Projector Mounts *(11 52 16 26-0015)* | | |
| 11 52 16 26-0017 | EA | Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570) | 82.82 | 21.46 |
| 11 52 16 26-0018 | EA | Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557) | 117.24 | 21.46 |
| 11 52 16 26-0019 | EA | I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559) | 168.21 | 21.46 |
| 11 52 16 26-0020 | EA | Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455) | 206.61 | 21.46 |
| 11 52 16 26-0021 | | Projector Attachment Plates For Projector Mounts *(11 52 16 26-0015)* | | |
| 11 52 16 26-0022 | EA | Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV) | 318.96 | 21.46 |
| 11 52 16 26-0023 | EA | High Security Projector Enclosure For Projector Mounts (Peerless ALB) | 720.33 | 21.46 |
| 11 52 16 26-0024 | | Threaded Extension Columns For Projector Mounts *(11 52 16 26-0015)* | | |
| 11 52 16 26-0025 | | Fixed Length, Threaded Extension Column For Projector Mounts *(11 52 16 26-0024)*<br>Note: Peerless EXT series. | | |
| 11 52 16 26-0026 | EA | 6" Fixed Length, Threaded Extension Column For Projector Mounts | 53.23 | 6.43 |
| 11 52 16 26-0027 | EA | 12" Fixed Length, Threaded Extension Column For Projector Mounts | 70.22 | 6.43 |
| 11 52 16 26-0028 | EA | 18" Fixed Length, Threaded Extension Column For Projector Mounts | 76.59 | 6.43 |
| 11 52 16 26-0029 | EA | 24" Fixed Length, Threaded Extension Column For Projector Mounts | 80.83 | 6.43 |
| 11 52 16 26-0030 | EA | 36" Fixed Length, Threaded Extension Column For Projector Mounts | 95.73 | 8.58 |
| 11 52 16 26-0031 | EA | 48" Fixed Length, Threaded Extension Column For Projector Mounts | 116.97 | 8.58 |
| 11 52 16 26-0032 | EA | 60" Fixed Length, Threaded Extension Column For Projector Mounts | 150.94 | 8.58 |
| 11 52 16 26-0033 | EA | 72" Fixed Length, Threaded Extension Column For Projector Mounts | 174.30 | 8.58 |
| 11 52 16 26-0034 | EA | 84" Fixed Length, Threaded Extension Column For Projector Mounts | 204.09 | 10.73 |
| 11 52 16 26-0035 | EA | 96" Fixed Length, Threaded Extension Column For Projector Mounts | 233.82 | 10.73 |
| 11 52 16 26-0036 | EA | 108" Fixed Length, Threaded Extension Column For Projector Mounts | 259.35 | 12.88 |
| 11 52 16 26-0037 | EA | 120" Fixed Length, Threaded Extension Column For Projector Mounts | 272.09 | 12.88 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 52 16 26-0038 | | Adjustable Length, Threaded Extension Columns For Projector Mounts *(11 52 16 26-0024)* | | |
| | | Note: Peerless ADJ series. Adjustable at 1" increments. | | |
| 11 52 16 26-0039 | EA | 6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts | 110.65 | 10.73 |
| 11 52 16 26-0040 | EA | 12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts | 174.36 | 10.73 |
| 11 52 16 26-0041 | EA | 18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts | 178.60 | 10.73 |
| 11 52 16 26-0042 | EA | 24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts | 184.97 | 10.73 |
| 11 52 16 26-0043 | EA | 36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts | 199.89 | 12.88 |
| 11 52 16 26-0044 | EA | 48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts | 210.51 | 12.88 |
| 11 52 16 26-0045 | EA | 60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts | 233.87 | 12.88 |
| 11 52 16 26-0046 | EA | 72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts | 255.10 | 12.88 |
| 11 52 16 26-0047 | EA | 84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts | 282.74 | 15.03 |
| 11 52 16 26-0048 | EA | 96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts | 303.98 | 15.03 |
| 11 52 16 26-0049 | EA | 108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts | 331.64 | 17.16 |
| 11 52 16 26-0050 | EA | 120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts | 346.50 | 17.16 |

# 11 60 Entertainment and Recreation Equipment *(11)*

## 11 61 Broadcast, Theater, and Stage Equipment *(11 60)*

### 11 61 23 Folding and Portable Stages *(11 61)*

11 61 23 00-0001 Auditorium Seating *(11 61 23)*
See CSI section 12 61 00 00-0000 for seating.

## 11 66 Athletic Equipment *(11 60)*

### 11 66 13 Exercise Equipment *(11 66)*

11 66 13 00-0001 Fitness Systems *(11 66 13)*

11 66 13 00-0002 Components For Physical Fitness Activities *(11 66 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 11 66 13 00-0003 | EA | Sit And Reach | 1,153.77 | 86.51 |
| 11 66 13 00-0004 | EA | Isometric Squat | 430.17 | 34.61 |
| 11 66 13 00-0005 | EA | Log Jump | 2,789.99 | 138.41 |
| 11 66 13 00-0006 | EA | Step Up | 628.78 | 69.20 |
| 11 66 13 00-0007 | EA | Hip Rotation | 3,061.86 | 121.11 |
| 11 66 13 00-0008 | EA | Body Curl | 1,132.78 | 69.20 |
| 11 66 13 00-0009 | EA | Horizontal Ladder | 3,702.63 | 138.41 |
| 11 66 13 00-0010 | EA | Chin Up | 2,803.61 | 138.41 |
| 11 66 13 00-0011 | EA | Push Up | 1,711.69 | 69.20 |
| 11 66 13 00-0012 | EA | Leg Raise | 2,393.88 | 103.81 |
| 11 66 13 00-0013 | EA | Log Hop | 1,084.00 | 34.61 |
| 11 66 13 00-0014 | EA | Parallel Bar | 2,301.93 | 103.81 |
| 11 66 13 00-0015 | EA | Leg Stretch | 969.32 | 69.20 |
| 11 66 13 00-0016 | EA | Balance Beam | 870.02 | 51.90 |
| 11 66 13 00-0017 | EA | Log Roll | 2,747.48 | 86.51 |

## 11 68 Play Field Equipment and Structures *(11 60)*

### 11 68 13 Playground Equipment *(11 68)*

See CSI section 32 31 13 13-0001 for augering holes and fill for posts.

11 68 13 00-0001 Standalone Playground Equipment *(11 68 13)*

11 68 13 00-0002 Ground Socket For Movable Posts *(11 68 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 11 68 13 00-0003 | PR | Ground Socket For 2-3/8" Post For Playground Equipment | 226.49 | 46.73 |
| 11 68 13 00-0004 | PR | Ground Socket For 3-1/2" Post For Playground Equipment | 351.59 | 46.73 |

11 68 13 00-0005 See-Saws *(11 68 13 00-0001)*

11 68 13 00-0006 Steel See-Saw *(11 68 13 00-0005)*

| | | | | |
|---|---|---|---|---|
| 11 68 13 00-0007 | EA | 2 Unit Steel See-Saw | 1,924.42 | 287.58 |
| 11 68 13 00-0008 | EA | 4 Unit Steel See-Saw | 3,136.34 | 339.83 |
| 11 68 13 00-0009 | EA | 6 Unit Steel See-Saw | 4,357.25 | 415.36 |

11 68 13 00-0010 14' Long Laminated Beam *(11 68 13 00-0005)*

| | | | | |
|---|---|---|---|---|
| 11 68 13 00-0011 | EA | Beam Is Supported By Two 12 In x 12 In Stepping Column Posts | 2,065.09 | 254.28 |
| 11 68 13 00-0012 | EA | Beam Is Supported By Two 8 In x 8 In Posts | 1,425.49 | 226.51 |

11 68 13 00-0013 Slides *(11 68 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 11 68 13 00-0014 | EA | 8' Long x 4' High Slide With Stainless Steel Bed | 1,843.28 | 328.83 |
| 11 68 13 00-0015 | EA | 12' Long x 6' High Slide With Stainless Steel Bed | 2,595.88 | 467.29 |
| 11 68 13 00-0016 | EA | 16' Long x 8' High Slide With Stainless Steel Bed | 2,876.26 | 519.21 |
| 11 68 13 00-0017 | EA | 20' Long x 10' High Slide With Stainless Steel Bed | 3,554.27 | 575.14 |
| 11 68 13 00-0018 | EA | 6' High, 360 Degree One Piece Molded Polyethylene Slide | 14,007.73 | 904.73 |
| 11 68 13 00-0019 | EA | 7' High, 360 Degree Slide, Stainless Steel Bed | 10,323.48 | 933.33 |
| 11 68 13 00-0020 | EA | 9' High, 360 Degree Slide, Stainless Steel Bed | 12,883.69 | 980.96 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 68 13 00-0021** | | **Whirlers** *(11 68 13 00-0001)* | | |
| 11 68 13 00-0022 | EA | 8' Diameter Whirler | 5,203.24 | 623.05 |
| 11 68 13 00-0023 | EA | 10' Diameter Whirler | 6,038.86 | 747.66 |
| **11 68 13 00-0024** | | **Other Standalone Playground Equipment** *(11 68 13 00-0001)* | | |
| **11 68 13 00-0025** | | **Miscellaneous Standalone Playground Equipment** *(11 68 13 00-0024)* | | |
| 11 68 13 00-0026 | EA | Horizontal Ladder | 1,666.88 | 166.44 |
| 11 68 13 00-0027 | EA | Tether Ball Post | 281.79 | 32.54 |
| 11 68 13 00-0028 | PR | 10'-6" Long Multiple Purpose Post | 428.92 | 57.53 |
| 11 68 13 00-0029 | EA | 3-Person Fiberglass Golf Tee Shelter Turntable | 3,000.59 | 162.54 |
| 11 68 13 00-0030 | EA | Horizontal Turning Bars, 1 Bar | 528.55 | 86.85 |
| 11 68 13 00-0031 | EA | Horizontal Turning Bars, 2 Bars | 716.14 | 103.81 |
| 11 68 13 00-0032 | EA | Horizontal Turning Bars, 3 Bars | 965.78 | 138.41 |
| 11 68 13 00-0033 | EA | Horizontal Turning Bars, 5 Bars | 1,414.04 | 190.32 |
| 11 68 13 00-0034 | EA | Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole | 1,498.80 | 79.24 |
| 11 68 13 00-0035 | EA | Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole | 1,650.41 | 85.54 |
| 11 68 13 00-0036 | EA | Coil Spring With Single Riding Aluminum Saddle Devices | 1,613.69 | 91.70 |
| 11 68 13 00-0037 | EA | "C" Spring With Single Riding Aluminum Saddle Devices | 1,376.36 | 78.89 |
| 11 68 13 00-0038 | EA | Rubber Spring With Single Riding Aluminum Saddle Devices | 1,696.28 | 103.32 |
| 11 68 13 00-0039 | EA | Coil Spring Assembly Only | 408.41 | 38.00 |
| 11 68 13 00-0040 | EA | "C" Spring Assembly Only | 271.37 | 25.33 |
| 11 68 13 00-0041 | EA | Rubber Spring Assembly Only | 208.32 | 49.41 |
| 11 68 13 00-0042 | EA | Footbuck Assembly Only | 70.52 | 6.64 |
| 11 68 13 00-0043 | EA | Two Seat, Two Spring Action Cars (4'-8" x 2'-8") | 1,835.58 | 95.02 |
| **11 68 13 00-0044** | | **Freestanding Panels** *(11 68 13 00-0024)*<br>Note: Rotomolded polyethylene. | | |
| 11 68 13 00-0045 | EA | Tic-Tac-Toe Panel | 781.58 | 40.69 |
| 11 68 13 00-0046 | EA | 24" Bubble Panel | 1,170.85 | 60.97 |
| 11 68 13 00-0047 | EA | Fire Engine Panel | 1,718.27 | 89.49 |
| 11 68 13 00-0048 | EA | Flat Mirror Panel | 1,374.61 | 71.63 |
| 11 68 13 00-0049 | EA | Wavy Mirror Panel | 2,034.53 | 106.03 |
| 11 68 13 00-0050 | EA | Paint Time Panel | 1,319.86 | 68.79 |
| 11 68 13 00-0051 | EA | Phone Time Panel | 936.68 | 48.79 |
| 11 68 13 00-0052 | EA | Phone Time With Graphic Panel | 936.68 | 48.79 |
| 11 68 13 00-0053 | EA | Race Time Panel | 1,642.23 | 85.54 |
| 11 68 13 00-0054 | EA | Rescue 911 Panel | 1,666.75 | 85.54 |
| 11 68 13 00-0055 | EA | Eastern/Central/Western States Panel | 897.15 | 46.72 |
| 11 68 13 00-0056 | EA | Career People Panel | 1,018.79 | 53.08 |
| 11 68 13 00-0057 | EA | Solar System Panel | 1,018.79 | 53.08 |
| 11 68 13 00-0058 | EA | Animals Panel | 1,018.79 | 53.08 |
| **11 68 13 00-0059** | | **Freestanding Panels Uprights** *(11 68 13 00-0024)* | | |
| 11 68 13 00-0060 | EA | 3-1/2" Outside Diameter End Panel Upright | 241.76 | 22.84 |
| 11 68 13 00-0061 | EA | 3-1/2" Outside Diameter 90 Degree Upright | 261.92 | 24.71 |
| 11 68 13 00-0062 | EA | 3-1/2" Outside Diameter 180 Degree Upright | 261.92 | 24.71 |
| 11 68 13 00-0063 | EA | 3-1/2" Outside Diameter "T-Shaped" Upright | 278.71 | 26.30 |
| **11 68 13 00-0064** | | **Coasters** *(11 68 13 00-0024)* | | |
| 11 68 13 00-0065 | EA | 12' Single Metal Coaster With Four Posts | 6,048.82 | 276.83 |
| 11 68 13 00-0066 | EA | 18' Single Metal Coaster With Four Posts | 6,761.36 | 346.03 |
| 11 68 13 00-0067 | EA | 12' Double Metal Coaster With Four Posts | 9,786.88 | 415.23 |
| 11 68 13 00-0068 | EA | 18' Double Metal Coaster With Four Posts | 11,126.55 | 519.05 |
| **11 68 13 00-0069** | | **Climbers** *(11 68 13 00-0024)* | | |
| 11 68 13 00-0070 | EA | Tower Climber, 3.17' Diameter x 7.25' High | 1,099.13 | 184.92 |
| 11 68 13 00-0071 | EA | Arch Climber, 2' x 12' x 4.5' High | 1,000.24 | 226.44 |
| 11 68 13 00-0072 | EA | Arch Climber, 2' x 15' x 5.83' High | 1,087.66 | 184.92 |
| 11 68 13 00-0073 | EA | Arch Climber, 2' x 17' x 6.58' High | 1,170.44 | 226.44 |
| 11 68 13 00-0074 | EA | Rainbow Climber, 2' x 10'-5" x 4' High | 1,254.95 | 184.71 |
| 11 68 13 00-0075 | EA | Rainbow Climber, 2' x 10'-5" x 5' High | 1,408.19 | 184.78 |
| 11 68 13 00-0076 | EA | Rainbow Climber, 2' x 12'-5" x 6' High | 1,642.97 | 184.78 |
| 11 68 13 00-0077 | EA | Rainbow Climber, 2' x 15'-4" x 7' High | 1,796.46 | 184.71 |
| 11 68 13 00-0078 | EA | Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section | 2,168.03 | 216.26 |
| 11 68 13 00-0079 | EA | 12' Long Horizontal Ladder Climber | 1,766.57 | 161.51 |
| 11 68 13 00-0080 | EA | 14' Long Horizontal Ladder Climber | 1,792.40 | 161.51 |
| 11 68 13 00-0081 | EA | 16' Long Horizontal Ladder Climber | 1,963.41 | 161.51 |
| 11 68 13 00-0082 | EA | Bell Climber, 7'-5" High With Double Bars | 1,842.31 | 207.62 |
| 11 68 13 00-0083 | EA | 2-Way Climber | 1,545.07 | 166.44 |
| 11 68 13 00-0084 | EA | 4-Way Climber | 2,473.40 | 166.44 |
| **11 68 13 00-0085** | | **Swings** *(11 68 13 00-0001)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 68 13 00-0086** | | **Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-0085)* Note: Legs, 1-7/8" diameter, traditional. | | |
| 11 68 13 00-0087 | EA | 8' High Top Rail, One Section Two Seats | 1,443.95 | 254.28 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *168.38* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *192.12* | |
| 11 68 13 00-0088 | EA | 8' High Top Rail, Two Sections Four Seats | 2,307.50 | 363.86 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *270.26* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *312.94* | |
| 11 68 13 00-0089 | EA | 8' High Top Rail, Three Sections, Six Seats | 3,191.94 | 535.41 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *373.49* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *431.06* | |
| 11 68 13 00-0090 | EA | 8' High Top Rail, Four Sections, Eight Seats | 4,002.17 | 623.05 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *469.11* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *544.58* | |
| 11 68 13 00-0091 | EA | 10' High Top Rail, One Section Two Seats | 1,542.88 | 254.28 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *180.75* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *209.43* | |
| 11 68 13 00-0092 | EA | 10' High Top Rail, Two Section Four Seats | 2,408.95 | 387.54 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *281.21* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *322.04* | |
| 11 68 13 00-0093 | EA | 10' High Top Rail, Three Sections, Six Seats | 3,323.09 | 601.79 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *386.72* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *438.20* | |
| 11 68 13 00-0094 | EA | 10' High Top Rail, Four Sections, Eight Seats | 4,406.99 | 726.89 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *514.51* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *589.43* | |
| **11 68 13 00-0095** | | **Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-0085)* Note: Legs, 1-7/8" diameter, traditional. | | |
| 11 68 13 00-0096 | EA | 8' High Top Rail, One Section, Two Seats | 1,661.51 | 224.58 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *196.46* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *234.61* | |
| 11 68 13 00-0097 | EA | 8' High Top Rail, Two Sections, Four Seats | 2,411.57 | 325.86 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *285.15* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *340.56* | |
| 11 68 13 00-0098 | EA | 8' High Top Rail, Three Sections, Six Seats | 3,217.20 | 435.79 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *380.36* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *454.06* | |
| 11 68 13 00-0099 | EA | 8' High Top Rail, Four Sections, Eight Seats | 4,024.00 | 519.21 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *477.04* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *574.38* | |
| 11 68 13 00-0100 | EA | 10' High Top Rail, One Section, Two Seats | 1,873.75 | 253.09 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *221.57* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *264.64* | |
| 11 68 13 00-0101 | EA | 10' High Top Rail, One Section Three Seats | 1,958.47 | 268.40 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *232.02* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *278.81* | |
| 11 68 13 00-0102 | EA | 10' High Top Rail, Two Sections, Four Seats | 2,615.69 | 354.31 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *309.24* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *369.16* | |
| 11 68 13 00-0103 | EA | 10' High Top Rail, Two Sections, Six Seats | 3,152.60 | 408.44 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *374.62* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *454.41* | |
| 11 68 13 00-0104 | EA | 10' High Top Rail, Three Section, Six Seats | 3,481.83 | 471.38 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *411.66* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *491.47* | |
| 11 68 13 00-0105 | EA | 10' High Top Rail, Three Sections, Nine Seats | 4,346.84 | 519.41 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *517.39* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *630.88* | |
| 11 68 13 00-0106 | EA | 10' High Top Rail, Four Section, Eight Seats | 4,412.26 | 623.05 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *520.37* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *616.35* | |
| 11 68 13 00-0107 | EA | 12' High Top Rail, One Section Three Seats | 2,049.22 | 274.90 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *243.06* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *293.13* | |
| 11 68 13 00-0108 | EA | 12' High Top Rail, Two Sections, Six Seats | 3,334.34 | 442.30 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *395.72* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *478.16* | |
| 11 68 13 00-0109 | EA | 12' High Top Rail, Three Sections, Nine Seats | 4,844.64 | 708.40 |
| | | *For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add* | *570.97* | |
| | | *For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add* | *674.74* | |
| **11 68 13 00-0110** | | **Swing Accessories** *(11 68 13 00-0085)* | | |
| 11 68 13 00-0111 | EA | Enclosed Tot Seat With Chain And Hardware | 493.94 | 20.82 |
| 11 68 13 00-0112 | EA | Bucket Seat With Chain And Hardware | 410.63 | 17.32 |
| 11 68 13 00-0113 | EA | Belt Seat With Chain And Hardware | 437.41 | 18.49 |
| 11 68 13 00-0114 | EA | Seat With Chain And Hardware | 431.46 | 18.21 |
| 11 68 13 00-0115 | EA | Wide Seat With Chain And Hardware | 455.44 | 19.24 |
| 11 68 13 00-0116 | EA | Handi Seat With Chain And Hardware | 1,359.82 | 57.39 |
| 11 68 13 00-0117 | LF | 0.4 LB/LF Replacement Chain | 5.65 | 0.41 |
| 11 68 13 00-0118 | LF | 1 LB/LF Replacement Chain | 10.49 | 0.82 |
| 11 68 13 00-0119 | EA | Swing Hanger Replacement | 61.31 | 4.74 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 68 23** | | **Exterior Court Athletic Equipment** *(11 68)* | | |
| **11 68 23 13** | | **Exterior Basketball Equipment** *(11 68 23)* | | |
| 11 68 23 13-0001 | | Basketball Components *(11 68 23 13)* | | |
| 11 68 23 13-0002 | EA | Anti-Whip, Nylon Cord Basketball Net (Porter Athletic 09608-120) | 26.00 | 6.92 |
| 11 68 23 13-0003 | EA | Chain Basketball Net (Porter Athletic 00161-000) | 47.44 | 6.92 |
| 11 68 23 13-0004 | EA | Heavy Duty Goal Ring (Porter Athletic 00235-000) | 108.84 | 34.61 |
| 11 68 23 13-0005 | EA | Goal Ring For Steel Net (Porter Athletic 00251-H00) | 200.19 | 15.58 |
| 11 68 23 13-0006 | EA | 42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000)<br>Note: Includes perimeter and target markings. Excludes pole and goal. | 1,171.77 | 29.41 |
| 11 68 23 13-0007 | EA | 42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300)<br>Note: Includes perimeter and target markings. Excludes pole and goal. | 1,507.77 | 29.41 |
| 11 68 23 13-0008 | EA | 54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300)<br>Note: Includes perimeter and target markings. Excludes pole and goal. | 765.85 | 25.96 |
| 11 68 23 13-0009 | EA | 54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000)<br>Note: Includes perimeter and target markings. Excludes pole and goal. | 838.35 | 25.96 |
| 11 68 23 13-0010 | | Basketball Systems *(11 68 23 13)*<br>See CSI section 32 31 13 13-0001 for auguring holes and concrete. | | |
| 11 68 23 13-0011 | EA | 4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System (Sportsplay 541-616) | 2,075.00 | 218.79 |
| 11 68 23 13-0012 | EA | 5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00176-230) | 3,531.63 | 240.67 |
| | | *For Fan Shaped Fiberglass Backboard, Deduct* | *-133.00* | |
| | | *For 42" x 72" Perforated Steel Backboard, Add* | *350.00* | |
| 11 68 23 13-0013 | EA | 4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00164-230) | 2,280.80 | 218.79 |
| | | *For Fan Shaped Fiberglass Backboard, Deduct* | *-133.00* | |
| | | *For 42" x 72" Perforated Steel Backboard, Add* | *350.00* | |
| 11 68 23 13-0014 | EA | 5-9/16" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00166-230) | 3,531.63 | 240.67 |
| | | *For Fan Shaped Fiberglass Backboard, Deduct* | *-133.00* | |
| | | *For 42" x 72" Perforated Steel Backboard, Add* | *350.00* | |
| 11 68 23 13-0015 | EA | Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582) | 6,332.09 | 353.93 |
| | | *For Fan Shaped Fiberglass Backboard, Deduct* | *-498.00* | |
| | | *For 42" x 72" Perforated Steel Backboard, Add* | *700.00* | |
| **11 68 23 33** | | **Tennis Equipment** *(11 68 23)* | | |
| 11 68 23 33-0001 | | Tennis Court Net Posts *(11 68 23 33)* | | |
| 11 68 23 33-0002 | PR | Round, Powder Coated Steel, Tennis Court Net Posts With External Winder | 907.31 | 117.68 |
| 11 68 23 33-0003 | PR | Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder | 1,177.15 | 117.68 |
| 11 68 23 33-0004 | PR | Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder | 1,222.13 | 117.68 |
| 11 68 23 33-0005 | PR | Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder | 1,299.90 | 117.68 |
| 11 68 23 33-0006 | PR | Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder | 1,576.83 | 117.68 |
| 11 68 23 33-0007 | PR | Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts | 226.15 | |
| 11 68 23 33-0008 | PR | Galvanized Steel Ground Sleeves For Tennis Court Net Posts | 259.77 | |
| 11 68 23 33-0009 | | Tennis Court Nets *(11 68 23 33)* | | |
| 11 68 23 33-0010 | EA | 42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net | 509.16 | 116.30 |
| 11 68 23 33-0011 | EA | 42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net | 562.83 | 116.30 |
| 11 68 23 33-0012 | EA | 42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net | 1,240.53 | 178.95 |
| 11 68 23 33-0013 | EA | Galvanized Steel Anchor For Tennis Court Net Center Strap | 64.77 | |
| **11 68 33** | | **Athletic Field Equipment** *(11 68)* | | |
| **11 68 33 13** | | **Football Field Equipment** *(11 68 33)* | | |
| 11 68 33 13-0001 | | Football Goal Posts *(11 68 33 13)*<br>Note: Includes augering for post(s), set in concrete and backfill. | | |
| 11 68 33 13-0002 | PR | Double Steel Football Goal Posts, "H Shape" | 4,114.81 | 311.42 |
| 11 68 33 13-0003 | PR | Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights | 5,905.65 | 460.31 |
| 11 68 33 13-0004 | PR | Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights | 7,051.83 | 552.38 |
| **11 68 33 23** | | **Soccer and Field Hockey Equipment** *(11 68 33)* | | |
| 11 68 33 23-0001 | | Soccer Goal Posts *(11 68 33 23)*<br>Note: Includes augering for post(s), set in concrete and backfill. | | |
| 11 68 33 23-0002 | PR | Regulation Soccer Goal Posts | 4,113.49 | 207.69 |
| 11 68 33 23-0003 | PR | Combination Football/Soccer Goal Post | 4,931.97 | 311.42 |
| **11 68 33 33** | | **Baseball Field Equipment** *(11 68 33)* | | |
| 11 68 33 33-0001 | | Bases *(11 68 33 33)* | | |
| 11 68 33 33-0002 | SET | Bases For Baseball Or Softball | 513.58 | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| | | | **11 80 Facility Maintenance and Operation Equipment** *(11)* | | |
| | | | **11 81 Maintenance Equipment** *(11 80)* | | |
| | | | **11 81 29 Facility Fall Protection** *(11 81)* | | |
| | 11 81 29 00-0001 | | **Safety And Tie-Back Anchors** *(11 81 29)* | | |
| | | | Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0040 for engineering testing and inspection. | | |
| | 11 81 29 00-0002 | | **Roof Mounted, Safety And Tie-Back Anchors** *(11 81 29 00-0001)* | | |
| | | | Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish. | | |
| | 11 81 29 00-0003 | EA | Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) | 656.37 | 64.42 |
| | | | Note: Includes drilling in concrete, anchor bolts and bottom plate or plates. | | |
| | | | *For Stainless Steel Pad Eye, Add* | *40.00* | |
| | | | *For Foam Insulation Filled HSS Tube, Add* | *10.00* | |
| | 11 81 29 00-0004 | EA | Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) | 556.27 | 64.42 |
| | | | Note: Includes drilling in concrete and adhesive anchor systems. | | |
| | | | *For Stainless Steel Pad Eye, Add* | *40.00* | |
| | | | *For Foam Insulation Filled HSS Tube, Add* | *10.00* | |
| | 11 81 29 00-0005 | EA | Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) | 430.47 | 71.89 |
| | | | *For Stainless Steel Pad Eye, Add* | *40.00* | |
| | | | *For Foam Insulation Filled HSS Tube, Add* | *10.00* | |
| | 11 81 29 00-0006 | | **Wall Mounted, Safety And Tie-Back Anchor** *(11 81 29 00-0001)* | | |
| | | | Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish. | | |
| | 11 81 29 00-0007 | EA | Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) | 461.38 | 64.42 |
| | | | Note: Includes drilling in concrete, anchor bolts and bottom plate or plates. | | |
| | | | *For Stainless Steel Pad Eye, Add* | *40.00* | |
| | 11 81 29 00-0008 | EA | Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) | 412.24 | 64.42 |
| | | | Note: Includes drilling in concrete and adhesive anchor systems. | | |
| | | | *For Stainless Steel Pad Eye, Add* | *40.00* | |
| | 11 81 29 00-0009 | EA | Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) | 377.38 | 71.89 |
| | | | *For Stainless Steel Pad Eye, Add* | *40.00* | |
| | 11 81 29 00-0010 | | **Safety And Tie-Back Anchor Accessories** *(11 81 29 00-0001)* | | |
| | 11 81 29 00-0011 | EA | Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor) | 386.10 | |
| | | | Note: One cut sheet required per order. | | |
| | | | **11 82 Facility Solid Waste Handling Equipment** *(11 80)* | | |
| | | | **11 82 19 Packaged Incinerators** *(11 82)* | | |
| | 11 82 19 00-0001 | | **Electric Incinerator** *(11 82 19)* | | |
| | 11 82 19 00-0002 | EA | Electric Package Incinerator, 100 LB/Hour | 33,299.51 | 835.01 |
| | 11 82 19 00-0003 | EA | Electric Package Incinerator, 400 LB/Hour | 68,141.74 | 1,670.02 |
| | 11 82 19 00-0004 | EA | Electric Package Incinerator, 1,000 LB/Hour | 230,913.54 | 2,505.03 |
| | | | **11 82 26 Facility Waste Compactors** *(11 82)* | | |
| | 11 82 26 00-0001 | | **Exterior Waste Compactors** *(11 82 26)* | | |
| | 11 82 26 00-0002 | | **110 Volt Compactors** *(11 82 26 00-0001)* | | |
| | 11 82 26 00-0003 | EA | Waste Compactor, 110 Volt At 75 LB/Hour | 18,050.09 | 400.70 |
| | 11 82 26 00-0004 | EA | Waste Compactor, 110 Volt At 250 LB/Hour | 22,494.04 | 961.68 |
| | 11 82 26 00-0005 | | **230 Volt Compactors** *(11 82 26 00-0001)* | | |
| | 11 82 26 00-0006 | EA | Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed | 22,280.60 | 1,282.24 |
| | 11 82 26 00-0007 | EA | Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed | 24,996.31 | 1,682.94 |
| | 11 82 26 00-0008 | | **Interior Food Service Trash Compactors** *(11 82 26)* | | |
| | 11 82 26 00-0009 | EA | Trash Compactor, Small | 3,756.93 | 272.81 |
| | 11 82 26 00-0010 | EA | Trash Compactor, Large | 4,636.96 | 308.73 |
| | | | **11 90 Other Equipment** *(11)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **11 97 Security Equipment** *(11 90)* | | | | |
| **11 97 26 Detention Gun Lockers** *(11 97)* | | | | |
| 11 97 26 00-0001 | | Hinged Door Gun Lock *(11 97 26)* Note: Two keys per locker with one master. | | |
| 11 97 26 00-0002 | EA | 8 Compartment Pistol Locker, 20-1/8" High x 15-1/8" Wide x 17-1/4" Deep, Double Welded 20 Gauge Steel Body, 10 Gauge Steel Door | 3,467.85 | 47.78 |
| 11 97 26 00-0003 | | Hinged-Door Gun Locker *(11 97 26)* Note: Includes master key for each set of 4 compartments, two keys per compartment. | | |
| 11 97 26 00-0004 | EA | 4 Compartment Pistol Locker, 11-1/4" High x 16-1/4" Wide x 16-3/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish | 1,345.00 | 33.45 |
| 11 97 26 00-0005 | EA | 8 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish | 3,078.83 | 47.78 |
| 11 97 26 00-0006 | EA | 16 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish | 5,655.05 | 57.32 |
| 11 97 26 00-0007 | EA | 24 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish | 8,212.15 | 57.32 |
| **11 98 Detention Equipment** *(11 90)* | | | | |
| **11 98 12 Detention Doors and Frames** *(11 98)* | | | | |
| 11 98 12 00-0001 | | Metal Frames *(11 98 12)* Note: Combination buck, jamb, and trim, fully seam welded. | | |
| 11 98 12 00-0002 | | Metal Frames 4-3/4" Depth x 7 Gauge x 1-3/4" *(11 98 12 00-0001)* | | |
| 11 98 12 00-0003 | EA | 2' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 431.50 | 134.16 |
| 11 98 12 00-0004 | EA | 2'-4" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 431.50 | 134.16 |
| 11 98 12 00-0005 | EA | 2'-6" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 431.50 | 134.16 |
| 11 98 12 00-0006 | EA | 2'-8" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 431.50 | 134.16 |
| 11 98 12 00-0007 | EA | 3' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 434.70 | 134.16 |
| 11 98 12 00-0008 | EA | 3'-4" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 434.70 | 134.16 |
| 11 98 12 00-0009 | EA | 6' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 627.72 | 214.72 |
| 11 98 12 00-0010 | EA | 2' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.10 | 134.16 |
| 11 98 12 00-0011 | EA | 2'-4" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.10 | 134.16 |
| 11 98 12 00-0012 | EA | 2'-6" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.10 | 134.16 |
| 11 98 12 00-0013 | EA | 2'-8" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 450.69 | 134.16 |
| 11 98 12 00-0014 | EA | 3' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 540.16 | 178.91 |
| 11 98 12 00-0015 | EA | 3'-4" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 540.16 | 178.91 |
| 11 98 12 00-0016 | EA | 6' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 646.91 | 214.72 |
| 11 98 12 00-0017 | EA | 2' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.10 | 134.16 |
| 11 98 12 00-0018 | EA | 2'-4" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.10 | 134.16 |
| 11 98 12 00-0019 | EA | 2'-6" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.10 | 134.16 |
| 11 98 12 00-0020 | EA | 2'-8" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.10 | 134.16 |
| 11 98 12 00-0021 | EA | 3' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 444.30 | 134.16 |
| 11 98 12 00-0022 | EA | 3'-4" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 444.30 | 134.16 |
| 11 98 12 00-0023 | EA | 6' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 637.32 | 214.72 |
| 11 98 12 00-0024 | | Metal Frames 6-3/4" Depth x 7 Gauge x 1-3/4" *(11 98 12 00-0001)* | | |
| 11 98 12 00-0025 | EA | 2' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.09 | 134.16 |
| 11 98 12 00-0026 | EA | 2'-4" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.09 | 134.16 |
| 11 98 12 00-0027 | EA | 2'-6" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.09 | 134.16 |
| 11 98 12 00-0028 | EA | 2'-8" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.09 | 134.16 |
| 11 98 12 00-0029 | EA | 3' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 447.49 | 134.16 |
| 11 98 12 00-0030 | EA | 3'-4" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 447.49 | 134.16 |
| 11 98 12 00-0031 | EA | 6' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 637.31 | 214.72 |
| 11 98 12 00-0032 | EA | 2' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.09 | 134.16 |
| 11 98 12 00-0033 | EA | 2'-4" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 441.09 | 134.16 |
| 11 98 12 00-0034 | EA | 2'-6" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 450.68 | 134.16 |
| 11 98 12 00-0035 | EA | 2'-8" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 450.68 | 134.16 |
| 11 98 12 00-0036 | EA | 3' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 540.15 | 178.91 |
| 11 98 12 00-0037 | EA | 3'-4" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 540.15 | 178.91 |
| 11 98 12 00-0038 | EA | 6' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 763.30 | 238.42 |
| 11 98 12 00-0039 | EA | 2' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 450.68 | 134.16 |
| 11 98 12 00-0040 | EA | 2'-4" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 450.68 | 134.16 |
| 11 98 12 00-0041 | EA | 2'-6" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 450.68 | 134.16 |
| 11 98 12 00-0042 | EA | 2'-8" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 450.68 | 134.16 |
| 11 98 12 00-0043 | EA | 3' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 453.88 | 134.16 |
| 11 98 12 00-0044 | EA | 3'-4" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 453.88 | 134.16 |
| 11 98 12 00-0045 | EA | 6' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door | 646.90 | 214.72 |
| 11 98 12 00-0046 | | Metal Detention Doors *(11 98 12)* Note: Flush type reinforced with stiffeners. | | |
| 11 98 12 00-0047 | | 10 Gauge 1-3/4" Metal Detention Door *(11 98 12 00-0046)* | | |
| 11 98 12 00-0048 | EA | 2' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door | 912.26 | 47.67 |
| 11 98 12 00-0049 | EA | 2'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door | 923.93 | 47.67 |
| 11 98 12 00-0050 | EA | 2'-6" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door | 935.60 | 47.67 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 11 98 12 00-0051 | EA | 2'-8" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door | 947.27 | 47.67 |
| 11 98 12 00-0052 | EA | 3' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door | 958.94 | 47.67 |
| 11 98 12 00-0053 | EA | 3'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door | 1,017.28 | 47.67 |
| 11 98 12 00-0054 | EA | 2' x 7' x 1-3/4" 10 Gauge Metal Detention Door | 984.84 | 47.67 |
| 11 98 12 00-0055 | EA | 2'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door | 996.97 | 47.67 |
| 11 98 12 00-0056 | EA | 2'-6" x 7' x 1-3/4" 10 Gauge Metal Detention Door | 1,004.60 | 47.67 |
| 11 98 12 00-0057 | EA | 2'-8" x 7' x 1-3/4" 10 Gauge Metal Detention Door | 1,110.86 | 47.67 |
| 11 98 12 00-0058 | EA | 3' x 7' x 1-3/4" 10 Gauge Metal Detention Door | 1,367.36 | 47.67 |
| 11 98 12 00-0059 | EA | 3'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door | 1,499.29 | 47.67 |
| 11 98 12 00-0060 | EA | 2' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door | 953.10 | 47.67 |
| 11 98 12 00-0061 | EA | 2'-4" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door | 964.77 | 47.67 |
| 11 98 12 00-0062 | EA | 2'-6" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door | 976.44 | 47.67 |
| 11 98 12 00-0063 | EA | 2'-8" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door | 988.11 | 47.67 |
| 11 98 12 00-0064 | EA | 3' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door | 999.78 | 47.67 |
| 11 98 12 00-0065 | EA | 3'-4" x 7-2" x 1-3/4" 10 Gauge Metal Detention Door | 1,058.12 | 47.67 |

## 11 98 12 00-0066 Pneumatic Door Operators *(11 98 12)*

| | | | |
|---|---|---|---|
| 11 98 12 00-0067 | EA | Pneumatic Detention Cell Entry Door Operator With Hardware Set | 6,494.74 |
| 11 98 12 00-0068 | EA | Pneumatic Special Housing Detention Cell Door Operator With Hardware Set | 7,307.92 |
| 11 98 12 00-0069 | EA | Pneumatic MS Detention Cell Door Operator With Hardware Set | 9,765.82 |
| 11 98 12 00-0070 | EA | Pneumatic Sally Port Detention Door Operator With Hardware Set | 11,395.52 |
| 11 98 12 00-0071 | EA | Pneumatic Corridor Detention Door Operator With Hardware Set | 14,852.67 |
| 11 98 12 00-0072 | EA | Emergency Release Cabinet With Seven Gallon Storage Tank, Check Valve, Pressure Gauge, Three Way Valves And Four Release Valves | 7,060.74 |

**END OF SECTION 11**

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 12 Furnishings

## 12 01 Operation and Maintenance of Furnishings *(12)*

### 12 01 60 Operation and Maintenance of Multiple Seating *(12 01)*

#### 12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

| | | | | |
|---|---|---|---|---|
| 12 01 60 00-0002 | EA | Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part | 164.58 | |
| 12 01 60 00-0003 | EA | Removal And Replacement Of Auditorium Seat Armrest Part | 74.50 | |
| 12 01 60 00-0004 | EA | Removal And Replacement Of End Armrest Part | 106.11 | |
| 12 01 60 00-0005 | EA | Removal And Replacement Of Auditorium Seat Kick Plate Part | 126.59 | |
| 12 01 60 00-0006 | EA | Removal And Replacement Of Auditorium Seat Long Back Part | 202.12 | |
| 12 01 60 00-0007 | EA | Removal And Replacement Of Auditorium Seat Center Standard Part | 149.35 | |
| 12 01 60 00-0008 | EA | Removal And Replacement Of Auditorium Seat Back Bracket Part | 54.68 | |
| 12 01 60 00-0009 | EA | Removal And Replacement Of Auditorium Seat Bracket Part | 59.29 | |
| 12 01 60 00-0010 | EA | Secure Seat To Floor | 57.51 | |
| 12 01 60 00-0011 | EA | Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor<br>Note: Includes drilling and fasteners. | 56.17 | |
| | | *For Epoxy Anchoring, Add* | *20.60* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |
| 12 01 60 00-0012 | EA | Reupholster Auditorium Seat And Back<br>Note: Includes removal of existing upholstery. | 172.38 | |

## 12 20 Window Treatments *(12)*

### 12 21 Window Blinds *(12 20)*

#### 12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

#### 12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

##### 12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

| | | | | |
|---|---|---|---|---|
| 12 21 13 13-0002 | SF | 1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds | 10.21 | 0.74 |
| 12 21 13 13-0003 | SF | 1" x 0.006" Slats, Aluminum Horizontal Louver Blinds | 8.32 | 0.74 |
| 12 21 13 13-0004 | SF | 1" x 0.008" Slats, Aluminum Horizontal Louver Blinds | 9.05 | 0.74 |
| 12 21 13 13-0005 | SF | 2" x 0.008" Slats, Aluminum Horizontal Louver Blinds | 10.50 | 0.74 |

#### 12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

##### 12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

| | | | | |
|---|---|---|---|---|
| 12 21 13 33-0002 | SF | 1" Slats, Vinyl Horizontal Louver Blinds | 8.61 | 0.74 |
| 12 21 13 33-0003 | SF | 2" Slats, Vinyl Horizontal Louver Blinds | 9.99 | 0.74 |

#### 12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

#### 12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

##### 12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

| | | | | |
|---|---|---|---|---|
| 12 21 16 13-0002 | SF | 3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds | 11.70 | 1.56 |

#### 12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

##### 12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

| | | | | |
|---|---|---|---|---|
| 12 21 16 33-0002 | SF | 2" Slats, Vinyl Vertical Louver Blinds | 7.39 | 1.56 |
| 12 21 16 33-0003 | SF | 3-1/2" Slats, Vinyl Vertical Louver Blinds | 10.53 | 1.56 |

### 12 22 Curtains and Drapes *(12 20)*

#### 12 22 13 Draperies *(12 22)*

##### 12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

##### 12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 12 22 13 00-0003 | EA | Up To 39" Long, Up To 48" Wide Lined Draperies | 316.15 | 10.74 |
| 12 22 13 00-0004 | EA | >39" To 63" Long, Up To 48" Wide Lined Draperies | 329.39 | 10.74 |
| 12 22 13 00-0005 | EA | >63" To 72" Long, Up To 48" Wide Lined Draperies | 350.91 | 10.74 |
| 12 22 13 00-0006 | EA | >72" To 81" Long, Up To 48" Wide Lined Draperies | 359.19 | 10.74 |
| 12 22 13 00-0007 | EA | >81" To 90" Long, Up To 48" Wide Lined Draperies | 379.06 | 10.74 |
| 12 22 13 00-0008 | EA | >90" To 99" Long, Up To 48" Wide Lined Draperies | 405.55 | 10.74 |
| 12 22 13 00-0009 | EA | >99" To 108" Long, Up To 48" Wide Lined Draperies | 422.10 | 10.74 |
| 12 22 13 00-0010 | EA | >108" To 120" Long, Up To 48" Wide Lined Draperies | 445.27 | 10.74 |
| 12 22 13 00-0011 | EA | >120" To 130" Long, Up To 48" Wide Lined Draperies | 481.70 | 10.74 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **12 22 13 00-0012** | | **>48" To 72" Wide Lined Draperies** *(12 22 13 00-0001)* | | |
| 12 22 13 00-0013 | EA | Up To 39" Long, >48" To 72" Wide Lined Draperies | 459.63 | 14.60 |
| 12 22 13 00-0014 | EA | >39" To 63" Long, >48" To 72" Wide Lined Draperies | 489.43 | 14.60 |
| 12 22 13 00-0015 | EA | >63" To 72" Long, >48" To 72" Wide Lined Draperies | 512.60 | 14.60 |
| 12 22 13 00-0016 | EA | >72" To 81" Long, >48" To 72" Wide Lined Draperies | 532.47 | 14.60 |
| 12 22 13 00-0017 | EA | >81" To 90" Long, >48" To 72" Wide Lined Draperies | 578.82 | 14.60 |
| 12 22 13 00-0018 | EA | >90" To 99" Long, >48" To 72" Wide Lined Draperies | 602.00 | 14.60 |
| 12 22 13 00-0019 | EA | >99" To 108" Long, >48" To 72" Wide Lined Draperies | 621.87 | 14.60 |
| 12 22 13 00-0020 | EA | >108" To 120" Long, >48" To 72" Wide Lined Draperies | 664.91 | 14.60 |
| 12 22 13 00-0021 | EA | >120" To 130" Long, >48" To 72" Wide Lined Draperies | 711.26 | 14.60 |
| **12 22 13 00-0022** | | **>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)* | | |
| 12 22 13 00-0023 | EA | Up To 39" Long, >72" To 96" Wide Lined Draperies | 609.73 | 18.47 |
| 12 22 13 00-0024 | EA | >39" To 63" Long, >72" To 96" Wide Lined Draperies | 652.78 | 18.47 |
| 12 22 13 00-0025 | EA | >63" To 72" Long, >72" To 96" Wide Lined Draperies | 672.64 | 18.47 |
| 12 22 13 00-0026 | EA | >72" To 81" Long, >72" To 96" Wide Lined Draperies | 718.99 | 18.47 |
| 12 22 13 00-0027 | EA | >81" To 90" Long, >72" To 96" Wide Lined Draperies | 762.04 | 18.47 |
| 12 22 13 00-0028 | EA | >90" To 99" Long, >72" To 96" Wide Lined Draperies | 805.08 | 18.47 |
| 12 22 13 00-0029 | EA | >99" To 108" Long, >72" To 96" Wide Lined Draperies | 828.26 | 18.47 |
| 12 22 13 00-0030 | EA | >108" To 120" Long, >72" To 96" Wide Lined Draperies | 874.61 | 18.47 |
| 12 22 13 00-0031 | EA | >120" To 130" Long, >72" To 96" Wide Lined Draperies | 937.52 | 18.47 |
| **12 22 13 00-0032** | | **>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)* | | |
| 12 22 13 00-0033 | EA | Up To 39" Long, >96" To 120" Wide Lined Draperies | 769.77 | 22.33 |
| 12 22 13 00-0034 | EA | >39" To 63" Long, >96" To 120" Wide Lined Draperies | 812.81 | 22.33 |
| 12 22 13 00-0035 | EA | >63" To 72" Long, >96" To 120" Wide Lined Draperies | 835.99 | 22.33 |
| 12 22 13 00-0036 | EA | >72" To 81" Long, >96" To 120" Wide Lined Draperies | 902.20 | 22.33 |
| 12 22 13 00-0037 | EA | >81" To 90" Long, >96" To 120" Wide Lined Draperies | 945.25 | 22.33 |
| 12 22 13 00-0038 | EA | >90" To 99" Long, >96" To 120" Wide Lined Draperies | 991.60 | 22.33 |
| 12 22 13 00-0039 | EA | >99" To 108" Long, >96" To 120" Wide Lined Draperies | 889.86 | 22.33 |
| 12 22 13 00-0040 | EA | >108" To 120" Long, >96" To 120" Wide Lined Draperies | 1,104.18 | 22.33 |
| 12 22 13 00-0041 | EA | >120" To 130" Long, >96" To 120" Wide Lined Draperies | 1,137.28 | 22.33 |
| **12 22 13 00-0042** | | **>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)* | | |
| 12 22 13 00-0043 | EA | Up To 39" Long, >120" To 144" Wide Lined Draperies | 909.93 | 26.19 |
| 12 22 13 00-0044 | EA | >39" To 63" Long, >120" To 144" Wide Lined Draperies | 972.84 | 26.19 |
| 12 22 13 00-0045 | EA | >63" To 72" Long, >120" To 144" Wide Lined Draperies | 996.02 | 26.19 |
| 12 22 13 00-0046 | EA | >72" To 81" Long, >120" To 144" Wide Lined Draperies | 1,062.24 | 26.19 |
| 12 22 13 00-0047 | EA | >81" To 90" Long, >120" To 144" Wide Lined Draperies | 1,128.46 | 26.19 |
| 12 22 13 00-0048 | EA | >90" To 99" Long, >120" To 144" Wide Lined Draperies | 1,194.68 | 26.19 |
| 12 22 13 00-0049 | EA | >99" To 108" Long, >120" To 144" Wide Lined Draperies | 1,260.90 | 26.19 |
| 12 22 13 00-0050 | EA | >108" To 120" Long, >120" To 144" Wide Lined Draperies | 1,327.12 | 26.19 |
| 12 22 13 00-0051 | EA | >120" To 130" Long, >120" To 144" Wide Lined Draperies | 1,409.90 | 26.19 |
| **12 22 13 00-0052** | | **>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)* | | |
| 12 22 13 00-0053 | EA | Up To 39" Long, >144" To 168" Wide Lined Draperies | 1,069.97 | 30.06 |
| 12 22 13 00-0054 | EA | >39" To 63" Long, >144" To 168" Wide Lined Draperies | 1,136.19 | 30.06 |
| 12 22 13 00-0055 | EA | >63" To 72" Long, >144" To 168" Wide Lined Draperies | 1,185.86 | 30.06 |
| 12 22 13 00-0056 | EA | >72" To 81" Long, >144" To 168" Wide Lined Draperies | 1,252.07 | 30.06 |
| 12 22 13 00-0057 | EA | >81" To 90" Long, >144" To 168" Wide Lined Draperies | 1,318.30 | 30.06 |
| 12 22 13 00-0058 | EA | >90" To 99" Long, >144" To 168" Wide Lined Draperies | 1,401.07 | 30.06 |
| 12 22 13 00-0059 | EA | >99" To 108" Long, >144" To 168" Wide Lined Draperies | 1,467.29 | 30.06 |
| 12 22 13 00-0060 | EA | >108" To 120" Long, >144" To 168" Wide Lined Draperies | 1,533.51 | 30.06 |
| 12 22 13 00-0061 | EA | >120" To 130" Long, >144" To 168" Wide Lined Draperies | 1,649.39 | 30.06 |
| **12 22 13 00-0062** | | **>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)* | | |
| 12 22 13 00-0063 | EA | Up To 39" Long, >168" To 192" Wide Lined Draperies | 1,210.15 | 33.92 |
| 12 22 13 00-0064 | EA | >39" To 63" Long, >168" To 192" Wide Lined Draperies | 1,292.93 | 33.92 |
| 12 22 13 00-0065 | EA | >63" To 72" Long, >168" To 192" Wide Lined Draperies | 1,342.59 | 33.92 |
| 12 22 13 00-0066 | EA | >72" To 81" Long, >168" To 192" Wide Lined Draperies | 1,425.37 | 33.92 |
| 12 22 13 00-0067 | EA | >81" To 90" Long, >168" To 192" Wide Lined Draperies | 1,491.58 | 33.92 |
| 12 22 13 00-0068 | EA | >90" To 99" Long, >168" To 192" Wide Lined Draperies | 1,574.36 | 33.92 |
| 12 22 13 00-0069 | EA | >99" To 108" Long, >168" To 192" Wide Lined Draperies | 1,706.80 | 33.92 |
| 12 22 13 00-0070 | EA | >108" To 120" Long, >168" To 192" Wide Lined Draperies | 1,756.46 | 33.92 |
| 12 22 13 00-0071 | EA | >120" To 130" Long, >168" To 192" Wide Lined Draperies | 1,872.35 | 33.92 |
| **12 22 13 00-0072** | | **>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)* | | |
| 12 22 13 00-0073 | EA | Up To 39" Long, >192" To 216" Wide Lined Draperies | 1,366.87 | 37.79 |
| 12 22 13 00-0074 | EA | >39" To 63" Long, >192" To 216" Wide Lined Draperies | 1,433.10 | 37.79 |
| 12 22 13 00-0075 | EA | >63" To 72" Long, >192" To 216" Wide Lined Draperies | 1,499.31 | 37.79 |
| 12 22 13 00-0076 | EA | >72" To 81" Long, >192" To 216" Wide Lined Draperies | 1,598.64 | 37.79 |
| 12 22 13 00-0077 | EA | >81" To 90" Long, >192" To 216" Wide Lined Draperies | 1,697.97 | 37.79 |
| 12 22 13 00-0078 | EA | >90" To 99" Long, >192" To 216" Wide Lined Draperies | 1,797.30 | 37.79 |
| 12 22 13 00-0079 | EA | >99" To 108" Long, >192" To 216" Wide Lined Draperies | 1,880.08 | 37.79 |
| 12 22 13 00-0080 | EA | >108" To 120" Long, >192" To 216" Wide Lined Draperies | 1,962.85 | 37.79 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 22 13 00-0081 | EA | >120" To 130" Long, >192" To 216" Wide Lined Draperies | 2,111.85 | 37.79 |
| 12 22 13 00-0082 | | >216" To 240" Wide Lined Draperies *(12 22 13 00-0001)* | | |
| 12 22 13 00-0083 | EA | Up To 39" Long, >216" To 240" Wide Lined Draperies | 1,507.04 | 41.65 |
| 12 22 13 00-0084 | EA | >39" To 63" Long, >216" To 240" Wide Lined Draperies | 1,622.93 | 41.65 |
| 12 22 13 00-0085 | EA | >63" To 72" Long, >216" To 240" Wide Lined Draperies | 1,672.59 | 41.65 |
| 12 22 13 00-0086 | EA | >72" To 81" Long, >216" To 240" Wide Lined Draperies | 1,771.92 | 41.65 |
| 12 22 13 00-0087 | EA | >81" To 90" Long, >216" To 240" Wide Lined Draperies | 1,887.81 | 41.65 |
| 12 22 13 00-0088 | EA | >90" To 99" Long, >216" To 240" Wide Lined Draperies | 1,987.14 | 41.65 |
| 12 22 13 00-0089 | EA | >99" To 108" Long, >216" To 240" Wide Lined Draperies | 2,086.47 | 41.65 |
| 12 22 13 00-0090 | EA | >108" To 120" Long, >216" To 240" Wide Lined Draperies | 2,185.80 | 41.65 |
| 12 22 13 00-0091 | EA | >120" To 130" Long, >216" To 240" Wide Lined Draperies | 2,351.34 | 41.65 |
| **12 22 16** | | **Drapery Track and Accessories** *(12 22)* | | |
| 12 22 16 00-0001 | | Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)* | | |
| 12 22 16 00-0002 | | Basic Traverse Rod *(12 22 16 00-0001)* | | |
| 12 22 16 00-0003 | EA | Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track | 102.07 | 35.10 |
| 12 22 16 00-0004 | EA | Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track | 118.89 | 35.10 |
| 12 22 16 00-0005 | EA | Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track | 141.06 | 39.00 |
| 12 22 16 00-0006 | EA | Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track | 193.58 | 39.00 |
| 12 22 16 00-0007 | EA | Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track | 201.26 | 42.90 |
| 12 22 16 00-0008 | | Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)* | | |
| 12 22 16 00-0009 | EA | Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track | 118.19 | 35.10 |
| 12 22 16 00-0010 | EA | Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track | 129.05 | 35.10 |
| 12 22 16 00-0011 | EA | Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track | 166.63 | 39.00 |
| 12 22 16 00-0012 | EA | Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track | 191.10 | 42.90 |
| 12 22 16 00-0013 | | Double Traverse Rod *(12 22 16 00-0001)* | | |
| 12 22 16 00-0014 | EA | Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track | 145.87 | 35.10 |
| 12 22 16 00-0015 | EA | Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track | 178.80 | 35.10 |
| 12 22 16 00-0016 | EA | Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track | 224.27 | 39.00 |
| 12 22 16 00-0017 | EA | Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track | 242.60 | 42.90 |
| 12 22 16 00-0018 | | Curtain Rods *(12 22 16 00-0001)* | | |
| 12 22 16 00-0019 | LF | Standard Metal Curtain Rod, White | 8.13 | 1.54 |
| 12 22 16 00-0020 | | Relocate Drapery And Rod *(12 22 16 00-0001)* | | |
| 12 22 16 00-0021 | LF | Relocate Any Type Of Drapery And Any Type Rod<br>Note: Includes storage and cleaning. | 23.40 | |
| 12 22 16 00-0022 | | Motorized Drapery Track *(12 22 16)* | | |
| 12 22 16 00-0023 | EA | 2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,275.38 | 87.27 |
| 12 22 16 00-0024 | EA | >4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,327.68 | 96.00 |
| 12 22 16 00-0025 | EA | >5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,379.99 | 104.72 |
| 12 22 16 00-0026 | EA | >6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,432.28 | 113.45 |
| 12 22 16 00-0027 | EA | >7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,484.59 | 122.18 |
| 12 22 16 00-0028 | EA | >8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,536.88 | 130.90 |
| 12 22 16 00-0029 | EA | >9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,589.17 | 139.63 |
| 12 22 16 00-0030 | EA | >10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,641.48 | 148.36 |
| 12 22 16 00-0031 | EA | >11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,693.78 | 157.09 |
| 12 22 16 00-0032 | EA | >12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,746.07 | 165.81 |
| 12 22 16 00-0033 | EA | >13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,798.38 | 174.54 |
| 12 22 16 00-0034 | EA | >14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,850.68 | 183.27 |
| 12 22 16 00-0035 | EA | >15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,902.98 | 191.99 |
| 12 22 16 00-0036 | EA | >16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 1,955.28 | 200.72 |
| 12 22 16 00-0037 | EA | >17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 2,007.58 | 209.45 |
| 12 22 16 00-0038 | EA | >18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 2,059.88 | 218.17 |
| 12 22 16 00-0039 | EA | >19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 2,112.18 | 226.90 |
| 12 22 16 00-0040 | EA | >20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 2,164.49 | 235.63 |
| 12 22 16 00-0041 | EA | >21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 2,216.79 | 244.36 |
| 12 22 16 00-0042 | EA | >22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 2,269.08 | 253.07 |
| 12 22 16 00-0043 | EA | >23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E) | 2,321.39 | 261.80 |
| 12 23 | | Interior Shutters *(12 20)* | | |
| 12 23 00 00-0001 | | Interior Plantation Shutters *(12 23)*<br>Note: Mixture of white pine and poplar wood, stile: 1-3/4" x 1-1/8" thick, blade: 3/8" x 2-3/8", top and bottom rail: 4" x 1-5/16" thick. 36" To 48" heights do not have center rail, 52" to 80" with center rail. Center rail: 2" x 15/16" | | |
| 12 23 00 00-0002 | | 12" Wide *(12 23 00 00-0001)* | | |
| 12 23 00 00-0003 | PR | 12" x 36" Plantation Shutter | 258.15 | 26.18 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 23 00 00-0004 | PR | 12" x 40" Plantation Shutter | 287.81 | 27.49 |
| 12 23 00 00-0005 | PR | 12" x 44" Plantation Shutter | 314.66 | 28.80 |
| 12 23 00 00-0006 | PR | 12" x 48" Plantation Shutter | 341.52 | 30.11 |
| 12 23 00 00-0007 | PR | 12" x 52" Plantation Shutter | 368.38 | 31.41 |
| 12 23 00 00-0008 | PR | 12" x 56" Plantation Shutter | 395.24 | 32.73 |
| 12 23 00 00-0009 | PR | 12" x 60" Plantation Shutter | 396.99 | 34.03 |
| 12 23 00 00-0010 | PR | 12" x 64" Plantation Shutter | 448.96 | 35.34 |
| 12 23 00 00-0011 | PR | 12" x 68" Plantation Shutter | 475.82 | 36.66 |
| 12 23 00 00-0012 | PR | 12" x 72" Plantation Shutter | 502.68 | 37.96 |
| 12 23 00 00-0013 | PR | 12" x 76" Plantation Shutter | 529.54 | 39.27 |
| 12 23 00 00-0014 | PR | 12" x 80" Plantation Shutter | 556.41 | 40.58 |
| **12 23 00 00-0015** | | **14" Wide** *(12 23 00 00-0001)* | | |
| 12 23 00 00-0016 | PR | 14" x 36" Plantation Shutter | 269.32 | 26.18 |
| 12 23 00 00-0017 | PR | 14" x 40" Plantation Shutter | 298.97 | 27.49 |
| 12 23 00 00-0018 | PR | 14" x 44" Plantation Shutter | 325.82 | 28.80 |
| 12 23 00 00-0019 | PR | 14" x 48" Plantation Shutter | 352.69 | 30.11 |
| 12 23 00 00-0020 | PR | 14" x 52" Plantation Shutter | 382.34 | 31.41 |
| 12 23 00 00-0021 | PR | 14" x 56" Plantation Shutter | 409.19 | 32.73 |
| 12 23 00 00-0022 | PR | 14" x 60" Plantation Shutter | 436.06 | 34.03 |
| 12 23 00 00-0023 | PR | 14" x 64" Plantation Shutter | 465.70 | 35.34 |
| 12 23 00 00-0024 | PR | 14" x 68" Plantation Shutter | 492.57 | 36.66 |
| 12 23 00 00-0025 | PR | 14" x 72" Plantation Shutter | 519.42 | 37.96 |
| 12 23 00 00-0026 | PR | 14" x 76" Plantation Shutter | 549.08 | 39.27 |
| 12 23 00 00-0027 | PR | 14" x 80" Plantation Shutter | 575.94 | 40.58 |
| **12 23 00 00-0028** | | **15" Wide** *(12 23 00 00-0001)* | | |
| 12 23 00 00-0029 | PR | 15" x 36" Plantation Shutter | 280.48 | 26.18 |
| 12 23 00 00-0030 | PR | 15" x 40" Plantation Shutter | 310.13 | 27.49 |
| 12 23 00 00-0031 | PR | 15" x 44" Plantation Shutter | 336.98 | 28.80 |
| 12 23 00 00-0032 | PR | 15" x 48" Plantation Shutter | 363.85 | 30.11 |
| 12 23 00 00-0033 | PR | 15" x 52" Plantation Shutter | 393.50 | 31.41 |
| 12 23 00 00-0034 | PR | 15" x 56" Plantation Shutter | 423.14 | 32.73 |
| 12 23 00 00-0035 | PR | 15" x 60" Plantation Shutter | 452.80 | 34.03 |
| 12 23 00 00-0036 | PR | 15" x 64" Plantation Shutter | 482.44 | 35.34 |
| 12 23 00 00-0037 | PR | 15" x 68" Plantation Shutter | 512.10 | 36.66 |
| 12 23 00 00-0038 | PR | 15" x 72" Plantation Shutter | 538.96 | 37.96 |
| 12 23 00 00-0039 | PR | 15" x 76" Plantation Shutter | 568.61 | 39.27 |
| 12 23 00 00-0040 | PR | 15" x 80" Plantation Shutter | 598.27 | 40.58 |
| **12 23 00 00-0041** | | **16" Wide** *(12 23 00 00-0001)* | | |
| 12 23 00 00-0042 | PR | 16" x 36" Plantation Shutter | 297.22 | 26.18 |
| 12 23 00 00-0043 | PR | 16" x 40" Plantation Shutter | 329.67 | 27.49 |
| 12 23 00 00-0044 | PR | 16" x 44" Plantation Shutter | 359.30 | 28.80 |
| 12 23 00 00-0045 | PR | 16" x 48" Plantation Shutter | 391.76 | 30.11 |
| 12 23 00 00-0046 | PR | 16" x 52" Plantation Shutter | 421.40 | 31.41 |
| 12 23 00 00-0047 | PR | 16" x 56" Plantation Shutter | 451.05 | 32.73 |
| 12 23 00 00-0048 | PR | 16" x 60" Plantation Shutter | 480.70 | 34.03 |
| 12 23 00 00-0049 | PR | 16" x 64" Plantation Shutter | 515.93 | 35.34 |
| 12 23 00 00-0050 | PR | 16" x 68" Plantation Shutter | 545.59 | 36.66 |
| 12 23 00 00-0051 | PR | 16" x 72" Plantation Shutter | 575.23 | 37.96 |
| 12 23 00 00-0052 | PR | 16" x 76" Plantation Shutter | 607.68 | 39.27 |
| 12 23 00 00-0053 | PR | 16" x 80" Plantation Shutter | 637.33 | 40.58 |
| **12 23 00 00-0054** | | **18" Wide** *(12 23 00 00-0001)* | | |
| 12 23 00 00-0055 | PR | 18" x 36" Plantation Shutter | 322.34 | 26.18 |
| 12 23 00 00-0056 | PR | 18" x 40" Plantation Shutter | 354.78 | 27.49 |
| 12 23 00 00-0057 | PR | 18" x 44" Plantation Shutter | 387.21 | 28.80 |
| 12 23 00 00-0058 | PR | 18" x 48" Plantation Shutter | 422.45 | 30.11 |
| 12 23 00 00-0059 | PR | 18" x 52" Plantation Shutter | 454.89 | 31.41 |
| 12 23 00 00-0060 | PR | 18" x 56" Plantation Shutter | 490.12 | 32.73 |
| 12 23 00 00-0061 | PR | 18" x 60" Plantation Shutter | 522.56 | 34.03 |
| 12 23 00 00-0062 | PR | 18" x 64" Plantation Shutter | 555.00 | 35.34 |
| 12 23 00 00-0063 | PR | 18" x 68" Plantation Shutter | 587.45 | 36.66 |
| 12 23 00 00-0064 | PR | 18" x 72" Plantation Shutter | 622.67 | 37.96 |
| 12 23 00 00-0065 | PR | 18" x 76" Plantation Shutter | 655.12 | 39.27 |
| 12 23 00 00-0066 | PR | 18" x 80" Plantation Shutter | 690.35 | 40.58 |
| **12 23 00 00-0067** | | **20" Wide** *(12 23 00 00-0001)* | | |
| 12 23 00 00-0068 | PR | 20" x 36" Plantation Shutter | 350.24 | 26.18 |
| 12 23 00 00-0069 | PR | 20" x 40" Plantation Shutter | 388.27 | 27.49 |
| 12 23 00 00-0070 | PR | 20" x 44" Plantation Shutter | 423.49 | 28.80 |
| 12 23 00 00-0071 | PR | 20" x 48" Plantation Shutter | 458.73 | 30.11 |
| 12 23 00 00-0072 | PR | 20" x 52" Plantation Shutter | 496.75 | 31.41 |
| 12 23 00 00-0073 | PR | 20" x 56" Plantation Shutter | 531.98 | 32.73 |
| 12 23 00 00-0074 | PR | 20" x 60" Plantation Shutter | 570.00 | 34.03 |
| 12 23 00 00-0075 | PR | 20" x 64" Plantation Shutter | 605.23 | 35.34 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 23 00 00-0076 | PR | 20" x 68" Plantation Shutter | 643.26 | 36.66 |
| 12 23 00 00-0077 | PR | 20" x 72" Plantation Shutter | 678.48 | 37.96 |
| 12 23 00 00-0078 | PR | 20" x 76" Plantation Shutter | 716.51 | 39.27 |
| 12 23 00 00-0079 | PR | 20" x 80" Plantation Shutter | 751.75 | 40.58 |
| 12 23 00 00-0080 | | 22" Wide *(12 23 00 00-0001)* | | |
| 12 23 00 00-0081 | PR | 22" x 36" Plantation Shutter | 372.57 | 26.18 |
| 12 23 00 00-0082 | PR | 22" x 40" Plantation Shutter | 413.38 | 27.49 |
| 12 23 00 00-0083 | PR | 22" x 44" Plantation Shutter | 451.39 | 28.80 |
| 12 23 00 00-0084 | PR | 22" x 48" Plantation Shutter | 4,675.24 | 30.11 |
| 12 23 00 00-0085 | PR | 22" x 52" Plantation Shutter | 530.24 | 31.41 |
| 12 23 00 00-0086 | PR | 22" x 56" Plantation Shutter | 568.25 | 32.73 |
| 12 23 00 00-0087 | PR | 22" x 60" Plantation Shutter | 606.28 | 34.03 |
| 12 23 00 00-0088 | PR | 22" x 64" Plantation Shutter | 647.09 | 35.34 |
| 12 23 00 00-0089 | PR | 22" x 68" Plantation Shutter | 685.11 | 36.66 |
| 12 23 00 00-0090 | PR | 22" x 72" Plantation Shutter | 725.92 | 37.96 |
| 12 23 00 00-0091 | PR | 22" x 76" Plantation Shutter | 763.95 | 39.27 |
| 12 23 00 00-0092 | PR | 22" x 80" Plantation Shutter | 804.77 | 40.58 |
| 12 23 00 00-0093 | | 24" Wide *(12 23 00 00-0001)* | | |
| 12 23 00 00-0094 | PR | 24" x 36" Plantation Shutter | 394.89 | 26.18 |
| 12 23 00 00-0095 | PR | 24" x 40" Plantation Shutter | 438.50 | 27.49 |
| 12 23 00 00-0096 | PR | 24" x 44" Plantation Shutter | 479.30 | 28.80 |
| 12 23 00 00-0097 | PR | 24" x 48" Plantation Shutter | 522.91 | 30.11 |
| 12 23 00 00-0098 | PR | 24" x 52" Plantation Shutter | 563.72 | 31.41 |
| 12 23 00 00-0099 | PR | 24" x 56" Plantation Shutter | 604.53 | 32.73 |
| 12 23 00 00-0100 | PR | 24" x 60" Plantation Shutter | 645.35 | 34.03 |
| 12 23 00 00-0101 | PR | 24" x 64" Plantation Shutter | 688.95 | 35.34 |
| 12 23 00 00-0102 | PR | 24" x 68" Plantation Shutter | 729.76 | 36.66 |
| 12 23 00 00-0103 | PR | 24" x 72" Plantation Shutter | 773.36 | 37.96 |
| 12 23 00 00-0104 | PR | 24" x 76" Plantation Shutter | 814.18 | 39.27 |
| 12 23 00 00-0105 | PR | 24" x 80" Plantation Shutter | 857.79 | 40.58 |

## 12 24 Window Shades *(12 20)*

### 12 24 13 Roller Window Shades *(12 24)*

12 24 13 00-0001 Roller Window Shades *(12 24 13)*

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

| | | | | |
|---|---|---|---|---|
| 12 24 13 00-0003 | SF | 0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades | 13.11 | 0.51 |
| 12 24 13 00-0004 | SF | 1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades | 13.11 | 0.51 |

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

| | | | | |
|---|---|---|---|---|
| 12 24 13 00-0006 | SF | 0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades | 16.82 | 0.51 |

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

| | | | | |
|---|---|---|---|---|
| 12 24 13 00-0008 | SF | 1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades | 13.11 | 0.51 |

12 24 13 00-0009 Motorized Lightproof Shades *(12 24 13)*

| | | | | |
|---|---|---|---|---|
| 12 24 13 00-0010 | SF | Motorized Lightproof Shades, Up To 144" Width | 40.09 | 1.95 |

## 12 30 Casework *(12)*

## 12 31 Manufactured Metal Casework *(12 30)*

### 12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

12 31 16 00-0001 34-1/2" High x 24" Deep, Stainless Steel Cabinets *(12 31 16)*

12 31 16 00-0002 18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets *(12 31 16 00-0001)*

12 31 16 00-0003 18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 12 31 16 00-0004 | EA | 18" Stainless Steel Base Cabinet, No Doors Or Drawers | 1,558.74 | 207.05 |
| | | *For 16 Gauge Stainless Steel, Add* | *246.07* | |
| | | *For >5 To 9, Deduct* | *-60.09* | |
| | | *For >9, Deduct* | *-120.17* | |
| 12 31 16 00-0005 | EA | 18" Stainless Steel Base Cabinet, With 4 Drawers | 2,530.85 | 207.05 |
| | | *For 16 Gauge Stainless Steel, Add* | *455.07* | |
| | | *For >5 To 9, Deduct* | *-111.12* | |
| | | *For >9, Deduct* | *-222.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 31 16 00-0006 | EA | 18" Stainless Steel Base Cabinet, With 3 Drawers | 2,347.42 | 207.05 |
| | | *For 16 Gauge Stainless Steel, Add* | *415.64* | |
| | | *For >5 To 9, Deduct* | *-101.49* | |
| | | *For >9, Deduct* | *-202.98* | |
| 12 31 16 00-0007 | EA | 18" Stainless Steel Base Cabinet, With 2 Drawers | 2,163.99 | 207.05 |
| | | *For 16 Gauge Stainless Steel, Add* | *376.20* | |
| | | *For >5 To 9, Deduct* | *-91.86* | |
| | | *For >9, Deduct* | *-183.72* | |
| 12 31 16 00-0008 | EA | 18" Stainless Steel Base Cabinet, With Doors And Drawers | 2,101.74 | 207.05 |
| | | *For 16 Gauge Stainless Steel, Add* | *362.81* | |
| | | *For >5 To 9, Deduct* | *-88.59* | |
| | | *For >9, Deduct* | *-177.19* | |
| **12 31 16 00-0009** | | **24" Stainless Steel Base Cabinet** *(12 31 16 00-0002)* | | |
| 12 31 16 00-0010 | EA | 24" Stainless Steel Base Cabinet, With Doors And Locks | 2,252.35 | 223.78 |
| | | *For 16 Gauge Stainless Steel, Add* | *387.96* | |
| | | *For >5 To 9, Deduct* | *-94.73* | |
| | | *For >9, Deduct* | *-189.47* | |
| 12 31 16 00-0011 | EA | 24" Stainless Steel Base Cabinet, With Door, No Locks | 2,028.52 | 223.78 |
| | | *For 16 Gauge Stainless Steel, Add* | *339.84* | |
| | | *For >5 To 9, Deduct* | *-82.98* | |
| | | *For >9, Deduct* | *-165.97* | |
| 12 31 16 00-0012 | EA | 24" Stainless Steel Base Cabinet, With Two Doors, No Locks | 2,077.52 | 223.78 |
| | | *For 16 Gauge Stainless Steel, Add* | *350.37* | |
| | | *For >5 To 9, Deduct* | *-85.56* | |
| | | *For >9, Deduct* | *-171.11* | |
| 12 31 16 00-0013 | EA | 24" Stainless Steel Base Cabinet, No Doors, 2 Drawers | 2,305.32 | 223.78 |
| | | *For 16 Gauge Stainless Steel, Add* | *399.35* | |
| | | *For >5 To 9, Deduct* | *-97.52* | |
| | | *For >9, Deduct* | *-195.03* | |
| 12 31 16 00-0014 | EA | 24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks | 2,996.00 | 223.78 |
| | | *For 16 Gauge Stainless Steel, Add* | *547.84* | |
| | | *For >5 To 9, Deduct* | *-133.78* | |
| | | *For >9, Deduct* | *-267.55* | |
| 12 31 16 00-0015 | EA | 24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks | 3,292.00 | 223.78 |
| | | *For 16 Gauge Stainless Steel, Add* | *611.48* | |
| | | *For >5 To 9, Deduct* | *-149.32* | |
| | | *For >9, Deduct* | *-298.63* | |
| **12 31 16 00-0016** | | **30" Stainless Steel Base Cabinet** *(12 31 16 00-0002)* | | |
| 12 31 16 00-0017 | EA | 30" Stainless Steel Base Cabinet, No Doors, No Drawers | 1,982.76 | 235.82 |
| | | *For 16 Gauge Stainless Steel, Add* | *324.93* | |
| | | *For >5 To 9, Deduct* | *-79.34* | |
| | | *For >9, Deduct* | *-158.69* | |
| 12 31 16 00-0018 | EA | 30" Stainless Steel Base Cabinet, With 4 Full Size Drawers | 2,880.70 | 235.82 |
| | | *For 16 Gauge Stainless Steel, Add* | *517.99* | |
| | | *For >5 To 9, Deduct* | *-126.49* | |
| | | *For >9, Deduct* | *-252.97* | |
| 12 31 16 00-0019 | EA | 30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks | 3,706.46 | 235.82 |
| | | *For 16 Gauge Stainless Steel, Add* | *695.53* | |
| | | *For >5 To 9, Deduct* | *-169.84* | |
| | | *For >9, Deduct* | *-339.68* | |
| 12 31 16 00-0020 | EA | 30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks | 3,410.46 | 235.82 |
| | | *For 16 Gauge Stainless Steel, Add* | *631.89* | |
| | | *For >5 To 9, Deduct* | *-154.30* | |
| | | *For >9, Deduct* | *-308.60* | |
| 12 31 16 00-0021 | EA | 30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer | 3,227.03 | 235.82 |
| | | *For 16 Gauge Stainless Steel, Add* | *592.45* | |
| | | *For >5 To 9, Deduct* | *-144.67* | |
| | | *For >9, Deduct* | *-289.34* | |
| 12 31 16 00-0022 | EA | 30" Stainless Steel Base Cabinet, With Doors, No Locks | 2,482.72 | 235.82 |
| | | *For 16 Gauge Stainless Steel, Add* | *432.42* | |
| | | *For >5 To 9, Deduct* | *-105.59* | |
| | | *For >9, Deduct* | *-211.18* | |
| 12 31 16 00-0023 | EA | 30" Stainless Steel Base Cabinet, With Doors And Locks | 2,460.20 | 235.82 |
| | | *For 16 Gauge Stainless Steel, Add* | *427.58* | |
| | | *For >5 To 9, Deduct* | *-104.41* | |
| | | *For >9, Deduct* | *-208.82* | |
| **12 31 16 00-0024** | | **36" Stainless Steel Base Cabinet** *(12 31 16 00-0002)* | | |
| 12 31 16 00-0025 | EA | 36" Stainless Steel Base Cabinet, No Doors, No Drawers | 2,190.27 | 245.17 |
| | | *For 16 Gauge Stainless Steel, Add* | *365.38* | |
| | | *For >5 To 9, Deduct* | *-89.22* | |
| | | *For >9, Deduct* | *-178.44* | |
| 12 31 16 00-0026 | EA | 36" Stainless Steel Base Cabinet, With Doors And Locks | 2,668.38 | 245.17 |
| | | *For 16 Gauge Stainless Steel, Add* | *468.17* | |
| | | *For >5 To 9, Deduct* | *-114.32* | |
| | | *For >9, Deduct* | *-228.64* | |
| 12 31 16 00-0027 | EA | 36" Stainless Steel Base Cabinet, With Door, No Lock | 2,492.24 | 245.17 |
| | | *For 16 Gauge Stainless Steel, Add* | *430.30* | |
| | | *For >5 To 9, Deduct* | *-105.07* | |
| | | *For >9, Deduct* | *-210.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 31 16 00-0028 | EA | 36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock | 3,911.99 | 245.17 |
| | | *For 16 Gauge Stainless Steel, Add* | *735.55* | |
| | | *For >5 To 9, Deduct* | *-179.61* | |
| | | *For >9, Deduct* | *-359.22* | |
| 12 31 16 00-0029 | EA | 36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks | 3,616.65 | 245.17 |
| | | *For 16 Gauge Stainless Steel, Add* | *672.05* | |
| | | *For >5 To 9, Deduct* | *-164.11* | |
| | | *For >9, Deduct* | *-328.21* | |
| **12 31 16 00-0030** | | **42" Stainless Steel Base Cabinet** *(12 31 16 00-0002)* | | |
| 12 31 16 00-0031 | EA | 42" Stainless Steel Base Cabinet, No Doors, No Drawers | 2,299.30 | 260.56 |
| | | *For 16 Gauge Stainless Steel, Add* | *382.30* | |
| | | *For >5 To 9, Deduct* | *-93.35* | |
| | | *For >9, Deduct* | *-186.70* | |
| 12 31 16 00-0032 | EA | 42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock | 4,126.31 | 260.56 |
| | | *For 16 Gauge Stainless Steel, Add* | *775.10* | |
| | | *For >5 To 9, Deduct* | *-189.27* | |
| | | *For >9, Deduct* | *-378.54* | |
| 12 31 16 00-0033 | EA | 42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock | 3,830.31 | 260.56 |
| | | *For 16 Gauge Stainless Steel, Add* | *711.46* | |
| | | *For >5 To 9, Deduct* | *-173.73* | |
| | | *For >9, Deduct* | *-347.46* | |
| 12 31 16 00-0034 | EA | 42" Stainless Steel Base Cabinet, No Doors, 2 Drawers | 3,523.71 | 260.56 |
| | | *For 16 Gauge Stainless Steel, Add* | *645.54* | |
| | | *For >5 To 9, Deduct* | *-157.63* | |
| | | *For >9, Deduct* | *-315.27* | |
| 12 31 16 00-0035 | EA | 42" Stainless Steel Base Cabinet, With Doors, No Lock | 2,707.21 | 260.56 |
| | | *For 16 Gauge Stainless Steel, Add* | *470.00* | |
| | | *For >5 To 9, Deduct* | *-114.77* | |
| | | *For >9, Deduct* | *-229.53* | |
| 12 31 16 00-0036 | EA | 42" Stainless Steel Base Cabinet, With Doors And Lock | 2,880.71 | 260.56 |
| | | *For 16 Gauge Stainless Steel, Add* | *507.30* | |
| | | *For >5 To 9, Deduct* | *-123.88* | |
| | | *For >9, Deduct* | *-247.75* | |
| **12 31 16 00-0037** | | **48" Stainless Steel Base Cabinet** *(12 31 16 00-0002)* | | |
| 12 31 16 00-0038 | EA | 48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock | 4,327.48 | 266.58 |
| | | *For 16 Gauge Stainless Steel, Add* | *815.86* | |
| | | *For >5 To 9, Deduct* | *-199.22* | |
| | | *For >9, Deduct* | *-398.44* | |
| 12 31 16 00-0039 | EA | 48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock | 4,032.14 | 266.58 |
| | | *For 16 Gauge Stainless Steel, Add* | *752.36* | |
| | | *For >5 To 9, Deduct* | *-183.72* | |
| | | *For >9, Deduct* | *-367.43* | |
| 12 31 16 00-0040 | EA | 48" Stainless Steel Base Cabinet, No Doors, No Drawers | 2,500.47 | 266.58 |
| | | *For 16 Gauge Stainless Steel, Add* | *423.05* | |
| | | *For >5 To 9, Deduct* | *-103.30* | |
| | | *For >9, Deduct* | *-206.61* | |
| 12 31 16 00-0041 | EA | 48" Stainless Steel Base Cabinet, No Doors, 2 Drawers | 3,725.54 | 266.58 |
| | | *For 16 Gauge Stainless Steel, Add* | *686.44* | |
| | | *For >5 To 9, Deduct* | *-167.62* | |
| | | *For >9, Deduct* | *-335.24* | |
| 12 31 16 00-0042 | EA | 48" Stainless Steel Base Cabinet, With Doors, And Lock | 3,083.87 | 266.58 |
| | | *For 16 Gauge Stainless Steel, Add* | *548.48* | |
| | | *For >5 To 9, Deduct* | *-133.93* | |
| | | *For >9, Deduct* | *-267.86* | |
| 12 31 16 00-0043 | EA | 48" Stainless Steel Base Cabinet, With Doors, No Locks | 3,036.19 | 266.58 |
| | | *For 16 Gauge Stainless Steel, Add* | *538.23* | |
| | | *For >5 To 9, Deduct* | *-131.43* | |
| | | *For >9, Deduct* | *-262.86* | |
| **12 31 16 00-0044** | | **60" Stainless Steel Base Cabinet** *(12 31 16 00-0002)* | | |
| 12 31 16 00-0045 | EA | 24" Deep x 60" Wide Stainless Steel Sink Base Cabinet | 3,004.28 | 274.70 |
| | | *For 16 Gauge Stainless Steel, Add* | *527.86* | |
| | | *For >5 To 9, Deduct* | *-128.90* | |
| | | *For >9, Deduct* | *-257.79* | |
| **12 31 16 00-0046** | | **18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets** *(12 31 16 00-0001)* | | |
| **12 31 16 00-0047** | | **12" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)* | | |
| 12 31 16 00-0048 | EA | 12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,206.64 | 78.83 |
| | | *For 16 Gauge Stainless Steel, Add* | *225.53* | |
| | | *For >5 To 9, Deduct* | *-55.07* | |
| | | *For >9, Deduct* | *-110.14* | |
| 12 31 16 00-0049 | EA | 12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,202.07 | 83.60 |
| | | *For 16 Gauge Stainless Steel, Add* | *222.49* | |
| | | *For >5 To 9, Deduct* | *-54.33* | |
| | | *For >9, Deduct* | *-108.66* | |
| **12 31 16 00-0050** | | **18" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 31 16 00-0051 | EA | 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,264.97 | 84.75 |
| | | *For 16 Gauge Stainless Steel, Add* | *235.50* | |
| | | *For >5 To 9, Deduct* | *-57.51* | |
| | | *For >9, Deduct* | *-115.01* | |
| 12 31 16 00-0052 | EA | 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,192.80 | 84.75 |
| | | *For 16 Gauge Stainless Steel, Add* | *219.99* | |
| | | *For >5 To 9, Deduct* | *-53.72* | |
| | | *For >9, Deduct* | *-107.43* | |
| 12 31 16 00-0053 | EA | 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,399.10 | 92.20 |
| | | *For 16 Gauge Stainless Steel, Add* | *261.15* | |
| | | *For >5 To 9, Deduct* | *-63.77* | |
| | | *For >9, Deduct* | *-127.54* | |
| 12 31 16 00-0054 | EA | 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,354.73 | 92.20 |
| | | *For 16 Gauge Stainless Steel, Add* | *251.61* | |
| | | *For >5 To 9, Deduct* | *-61.44* | |
| | | *For >9, Deduct* | *-122.88* | |

### 12 31 16 00-0055 24" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

| | | | | |
|---|---|---|---|---|
| 12 31 16 00-0056 | EA | 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door | 1,050.55 | 93.83 |
| | | *For 16 Gauge Stainless Steel, Add* | *185.53* | |
| | | *For >5 To 9, Deduct* | *-45.30* | |
| | | *For >9, Deduct* | *-90.61* | |
| 12 31 16 00-0057 | EA | 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,428.01 | 93.83 |
| | | *For 16 Gauge Stainless Steel, Add* | *266.69* | |
| | | *For >5 To 9, Deduct* | *-65.12* | |
| | | *For >9, Deduct* | *-130.24* | |
| 12 31 16 00-0058 | EA | 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,356.49 | 93.83 |
| | | *For 16 Gauge Stainless Steel, Add* | *251.31* | |
| | | *For >5 To 9, Deduct* | *-61.37* | |
| | | *For >9, Deduct* | *-122.73* | |
| 12 31 16 00-0059 | EA | 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,344.38 | 87.62 |
| | | *For 16 Gauge Stainless Steel, Add* | *251.33* | |
| | | *For >5 To 9, Deduct* | *-61.37* | |
| | | *For >9, Deduct* | *-122.74* | |
| 12 31 16 00-0060 | EA | 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,268.22 | 87.62 |
| | | *For 16 Gauge Stainless Steel, Add* | *234.95* | |
| | | *For >5 To 9, Deduct* | *-57.37* | |
| | | *For >9, Deduct* | *-114.74* | |
| 12 31 16 00-0061 | EA | 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock | 1,625.15 | 87.62 |
| | | *For 16 Gauge Stainless Steel, Add* | *311.69* | |
| | | *For >5 To 9, Deduct* | *-76.11* | |
| | | *For >9, Deduct* | *-152.22* | |
| 12 31 16 00-0062 | EA | 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors | 962.29 | 87.62 |
| | | *For 16 Gauge Stainless Steel, Add* | *169.18* | |
| | | *For >5 To 9, Deduct* | *-41.31* | |
| | | *For >9, Deduct* | *-82.62* | |
| 12 31 16 00-0063 | EA | 24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors | 906.06 | 83.60 |
| | | *For 16 Gauge Stainless Steel, Add* | *158.85* | |
| | | *For >5 To 9, Deduct* | *-38.79* | |
| | | *For >9, Deduct* | *-77.58* | |

### 12 31 16 00-0064 30" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

| | | | | |
|---|---|---|---|---|
| 12 31 16 00-0065 | EA | 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,853.07 | 99.66 |
| | | *For 16 Gauge Stainless Steel, Add* | *355.55* | |
| | | *For >5 To 9, Deduct* | *-86.82* | |
| | | *For >9, Deduct* | *-173.64* | |
| 12 31 16 00-0066 | EA | 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,679.57 | 99.66 |
| | | *For 16 Gauge Stainless Steel, Add* | *318.25* | |
| | | *For >5 To 9, Deduct* | *-77.71* | |
| | | *For >9, Deduct* | *-155.43* | |
| 12 31 16 00-0067 | EA | 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors | 1,127.96 | 99.66 |
| | | *For 16 Gauge Stainless Steel, Add* | *199.66* | |
| | | *For >5 To 9, Deduct* | *-48.75* | |
| | | *For >9, Deduct* | *-97.51* | |
| 12 31 16 00-0068 | EA | 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,762.78 | 91.73 |
| | | *For 16 Gauge Stainless Steel, Add* | *339.54* | |
| | | *For >5 To 9, Deduct* | *-82.91* | |
| | | *For >9, Deduct* | *-165.82* | |
| 12 31 16 00-0069 | EA | 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock | 1,589.28 | 91.73 |
| | | *For 16 Gauge Stainless Steel, Add* | *302.24* | |
| | | *For >5 To 9, Deduct* | *-73.80* | |
| | | *For >9, Deduct* | *-147.61* | |
| 12 31 16 00-0070 | EA | 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors | 1,037.67 | 91.73 |
| | | *For 16 Gauge Stainless Steel, Add* | *183.64* | |
| | | *For >5 To 9, Deduct* | *-44.84* | |
| | | *For >9, Deduct* | *-89.69* | |
| 12 31 16 00-0071 | EA | 30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors | 981.13 | 87.43 |
| | | *For 16 Gauge Stainless Steel, Add* | *173.37* | |
| | | *For >5 To 9, Deduct* | *-42.33* | |
| | | *For >9, Deduct* | *-84.67* | |

### 12 31 16 00-0072 36" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 31 16 00-0073 | EA | 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,927.11 | 102.53 |
| | | *For 16 Gauge Stainless Steel, Add* | *370.25* | |
| | | *For >5 To 9, Deduct* | *-90.41* | |
| | | *For >9, Deduct* | *-180.82* | |
| 12 31 16 00-0074 | EA | 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,749.64 | 102.53 |
| | | *For 16 Gauge Stainless Steel, Add* | *332.09* | |
| | | *For >5 To 9, Deduct* | *-81.09* | |
| | | *For >9, Deduct* | *-162.18* | |
| 12 31 16 00-0075 | EA | 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors | 1,202.01 | 102.53 |
| | | *For 16 Gauge Stainless Steel, Add* | *214.35* | |
| | | *For >5 To 9, Deduct* | *-52.34* | |
| | | *For >9, Deduct* | *-104.68* | |
| 12 31 16 00-0076 | EA | 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,835.92 | 93.83 |
| | | *For 16 Gauge Stainless Steel, Add* | *354.39* | |
| | | *For >5 To 9, Deduct* | *-86.54* | |
| | | *For >9, Deduct* | *-173.07* | |
| 12 31 16 00-0077 | EA | 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,663.09 | 93.83 |
| | | *For 16 Gauge Stainless Steel, Add* | *317.23* | |
| | | *For >5 To 9, Deduct* | *-77.46* | |
| | | *For >9, Deduct* | *-154.93* | |
| 12 31 16 00-0078 | EA | 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors | 1,110.81 | 93.83 |
| | | *For 16 Gauge Stainless Steel, Add* | *198.49* | |
| | | *For >5 To 9, Deduct* | *-48.47* | |
| | | *For >9, Deduct* | *-96.94* | |
| 12 31 16 00-0079 | EA | 36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,055.50 | 89.34 |
| | | *For 16 Gauge Stainless Steel, Add* | *188.51* | |
| | | *For >5 To 9, Deduct* | *-46.03* | |
| | | *For >9, Deduct* | *-92.06* | |
| 12 31 16 00-0080 | | 42" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)* | | |
| 12 31 16 00-0081 | EA | 42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks | 2,018.87 | 128.99 |
| | | *For 16 Gauge Stainless Steel, Add* | *378.63* | |
| | | *For >5 To 9, Deduct* | *-92.46* | |
| | | *For >9, Deduct* | *-184.91* | |
| 12 31 16 00-0082 | EA | 42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks | 2,022.71 | 121.73 |
| | | *For 16 Gauge Stainless Steel, Add* | *382.57* | |
| | | *For >5 To 9, Deduct* | *-93.42* | |
| | | *For >9, Deduct* | *-186.83* | |
| 12 31 16 00-0083 | EA | 42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,846.56 | 121.73 |
| | | *For 16 Gauge Stainless Steel, Add* | *344.69* | |
| | | *For >5 To 9, Deduct* | *-84.17* | |
| | | *For >9, Deduct* | *-168.34* | |
| 12 31 16 00-0084 | EA | 42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors | 1,296.27 | 121.73 |
| | | *For 16 Gauge Stainless Steel, Add* | *226.38* | |
| | | *For >5 To 9, Deduct* | *-55.28* | |
| | | *For >9, Deduct* | *-110.56* | |
| 12 31 16 00-0085 | EA | 42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,907.59 | 102.23 |
| | | *For 16 Gauge Stainless Steel, Add* | *366.18* | |
| | | *For >5 To 9, Deduct* | *-89.41* | |
| | | *For >9, Deduct* | *-178.83* | |
| 12 31 16 00-0086 | EA | 42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,732.77 | 102.23 |
| | | *For 16 Gauge Stainless Steel, Add* | *328.59* | |
| | | *For >5 To 9, Deduct* | *-80.24* | |
| | | *For >9, Deduct* | *-160.47* | |
| 12 31 16 00-0087 | EA | 42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors | 1,182.48 | 102.23 |
| | | *For 16 Gauge Stainless Steel, Add* | *210.28* | |
| | | *For >5 To 9, Deduct* | *-51.35* | |
| | | *For >9, Deduct* | *-102.69* | |
| 12 31 16 00-0088 | | 48" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)* | | |
| 12 31 16 00-0089 | EA | 48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks | 1,776.09 | 128.99 |
| | | *For 16 Gauge Stainless Steel, Add* | *325.32* | |
| | | *For >5 To 9, Deduct* | *-79.44* | |
| | | *For >9, Deduct* | *-158.88* | |
| 12 31 16 00-0090 | EA | 48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks | 2,095.32 | 124.41 |
| | | *For 16 Gauge Stainless Steel, Add* | *397.00* | |
| | | *For >5 To 9, Deduct* | *-96.94* | |
| | | *For >9, Deduct* | *-193.88* | |
| 12 31 16 00-0091 | EA | 48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,921.82 | 124.41 |
| | | *For 16 Gauge Stainless Steel, Add* | *359.69* | |
| | | *For >5 To 9, Deduct* | *-87.83* | |
| | | *For >9, Deduct* | *-175.66* | |
| 12 31 16 00-0092 | EA | 48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors | 1,370.21 | 124.41 |
| | | *For 16 Gauge Stainless Steel, Add* | *241.10* | |
| | | *For >5 To 9, Deduct* | *-58.87* | |
| | | *For >9, Deduct* | *-117.74* | |
| 12 31 16 00-0093 | EA | 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks | 1,979.61 | 103.19 |
| | | *For 16 Gauge Stainless Steel, Add* | *381.21* | |
| | | *For >5 To 9, Deduct* | *-93.09* | |
| | | *For >9, Deduct* | *-186.17* | |
| 12 31 16 00-0094 | EA | 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks | 1,806.77 | 103.19 |
| | | *For 16 Gauge Stainless Steel, Add* | *344.05* | |
| | | *For >5 To 9, Deduct* | *-84.01* | |
| | | *For >9, Deduct* | *-168.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 31 16 00-0095 | EA | 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors | 1,254.50 | 103.19 |
| | | *For 16 Gauge Stainless Steel, Add* | *225.32* | |
| | | *For >5 To 9, Deduct* | *-55.02* | |
| | | *For >9, Deduct* | *-110.04* | |
| 12 31 16 00-0096 | | Accessories *(12 31 16 00-0001)* | | |
| 12 31 16 00-0097 | | Stainless Steel Countertops *(12 31 16 00-0096)* | | |
| | | Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks. | | |
| 12 31 16 00-0098 | SF | 16 Gauge Stainless Steel Countertop With Backsplash | 125.20 | 5.26 |
| | | *For 14 Gauge Stainless Steel, Add* | *25.35* | |
| 12 31 16 00-0099 | SF | 16 Gauge Stainless Steel Countertop Without Backsplash | 114.47 | 5.26 |
| | | *For 14 Gauge Stainless Steel, Add* | *22.98* | |
| 12 31 16 00-0100 | EA | Cutout For Sink And/Or Faucet In Stainless Steel Countertop | 128.76 | |
| 12 31 16 00-0101 | | Stainless Steel Wall Panels *(12 31 16 00-0096)* | | |
| 12 31 16 00-0102 | SF | 20 Gauge Stainless Steel Wall Panel | 30.56 | 7.83 |
| | | *For 18 Gauge Stainless Steel, Add* | *4.05* | |
| | | *For 16 Gauge Stainless Steel, Add* | *7.79* | |
| 12 31 16 00-0103 | | Pedestal Legs *(12 31 16 00-0096)* | | |
| 12 31 16 00-0104 | EA | Type #304 Stainless Steel Pedestal Leg | 263.18 | 11.94 |
| 12 31 16 00-0105 | | Stainless Steel Slanted Cabinet Top Enclosure *(12 31 16 00-0096)* | | |
| 12 31 16 00-0106 | EA | Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections | 285.48 | 21.47 |

## 12 36 Countertops *(12 30)*

### 12 36 23 Plastic Countertops *(12 36)*

### 12 36 23 13 Plastic-Laminate-Clad Countertops *(12 36 23)*

| | | | | |
|---|---|---|---|---|
| 12 36 23 13-0001 | | Plastic Laminate Countertops *(12 36 23 13)* | | |
| | | Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc. | | |
| 12 36 23 13-0002 | SF | Plastic Laminate Countertop Without Backsplash | 15.19 | 8.58 |
| 12 36 23 13-0003 | SF | Plastic Laminate Countertop With 4" Backsplash | 19.70 | 8.58 |
| 12 36 23 13-0004 | LF | Plastic Laminate End Splash For Plastic Laminate Countertops | 25.95 | 2.57 |
| 12 36 23 13-0005 | EA | Cutout For Sink And/Or Faucet In Plastic Laminate Countertop | 71.53 | |

### 12 36 61 Simulated Stone Countertops *(12 36)*

### 12 36 61 16 Solid Surfacing Countertops *(12 36 61)*

| | | | | |
|---|---|---|---|---|
| 12 36 61 16-0001 | | Solid Surface Countertops *(12 36 61 16)* | | |
| 12 36 61 16-0002 | | Solid Surface Countertops *(12 36 61 16-0001)* | | |
| | | Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc. | | |
| 12 36 61 16-0003 | SF | 1/4" Thick, Solid Color, Solid Surface Backsplash | 39.40 | 5.73 |
| | | Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board. | | |
| | | *For Up To 50, Add* | *13.06* | |
| | | *For >50 To 100, Add* | *7.38* | |
| 12 36 61 16-0004 | SF | 1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash | 60.54 | 8.58 |
| | | Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used). | | |
| | | *For Up To 50, Add* | *19.73* | |
| | | *For >50 To 100, Add* | *11.48* | |
| | | *For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add* | *218.18* | |
| | | *For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add* | *275.87* | |
| | | *For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add* | *201.39* | |
| | | *For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add* | *191.95* | |
| | | *For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add* | *275.87* | |
| | | *For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add* | *275.87* | |
| | | *For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add* | *275.87* | |
| | | *For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add* | *275.87* | |
| | | *For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add* | *248.59* | |
| | | *Note: Single or double bowl.* | | |
| | | *For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add* | *432.16* | |
| | | *Note: Single or double bowl.* | | |
| | | *For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add* | *579.00* | |
| | | *Note: Single or double bowl.* | | |
| | | *For >3 SF Integral Single Basin Kitchen Sink, Add* | *627.25* | |
| | | *Note: Single or double bowl.* | | |
| | | *For >3 SF Integral Double Basin Kitchen Sink, Add* | *627.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 36 61 16-0005 | SF | 1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash | 65.69 | 8.58 |
| | | *For Up To 50, Add* | *21.27* | |
| | | *For >50 To 100, Add* | *12.51* | |
| | | *For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add* | *218.18* | |
| | | *For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add* | *275.87* | |
| | | *For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add* | *201.39* | |
| | | *For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add* | *191.95* | |
| | | *For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add* | *275.87* | |
| | | *For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add* | *275.87* | |
| | | *For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add* | *275.87* | |
| | | *For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add* | *275.87* | |
| | | *For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add*<br>*Note: Single or double bowl.* | *248.59* | |
| | | *For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add*<br>*Note: Single or double bowl.* | *432.16* | |
| | | *For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add*<br>*Note: Single or double bowl.* | *579.00* | |
| | | *For >3 SF Integral Single Basin Kitchen Sink, Add*<br>*Note: Single or double bowl.* | *627.25* | |
| | | *For >3 SF Integral Double Basin Kitchen Sink, Add* | *627.25* | |
| 12 36 61 16-0006 | LF | 1/2" Thick, Solid Color, Solid Surface End Splash For Solid Surface Countertops | 22.97 | 3.65 |
| 12 36 61 16-0007 | EA | Cutout For Undercounter Sink In Solid Surface Countertop<br>Note: Not including integral seamed sinks | 128.76 | |

12 36 61 16-0008 Integral Seamless Solid Surface Lavatory *(12 36 61 16-0001)*

Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.

| | | | | |
|---|---|---|---|---|
| 12 36 61 16-0009 | EA | 16-1/2" x 13-1/8"" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810) | 247.37 | |
| 12 36 61 16-0010 | EA | 20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815) | 305.06 | |
| 12 36 61 16-0011 | EA | 17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816) | 230.58 | |
| 12 36 61 16-0012 | EA | 14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820) | 221.14 | |
| 12 36 61 16-0013 | EA | 18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830) | 305.06 | |
| 12 36 61 16-0014 | EA | 20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831) | 305.06 | |
| 12 36 61 16-0015 | EA | 19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835) | 305.06 | |
| 12 36 61 16-0016 | EA | 17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837) | 305.06 | |

12 36 61 16-0017 Integral Seamless Solid Surface Kitchen Sink *(12 36 61 16-0001)*

Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.

| | | | | |
|---|---|---|---|---|
| 12 36 61 16-0018 | EA | Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink | 317.27 | |
| 12 36 61 16-0019 | EA | >1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink | 500.84 | |
| 12 36 61 16-0020 | EA | >2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink | 647.68 | |
| 12 36 61 16-0021 | EA | >3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink | 695.93 | |
| 12 36 61 16-0022 | EA | >3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink | 695.93 | |

### 12 36 61 19 Quartz Agglomerate Countertops *(12 36 61)*

12 36 61 19-0001 Quartz Agglomerate Countertops *(12 36 61 19)*

Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.

| | | | | |
|---|---|---|---|---|
| 12 36 61 19-0002 | SF | 3/4" Thick, Quartz Agglomerate Countertop Without Backsplash | 93.02 | 18.89 |
| 12 36 61 19-0003 | SF | 1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash | 114.82 | 18.89 |
| 12 36 61 19-0004 | SF | 3/4" Thick, Quartz Agglomerate Countertop With Backsplash | 103.51 | 21.98 |
| 12 36 61 19-0005 | SF | 1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash | 125.29 | 21.98 |
| 12 36 61 19-0006 | LF | Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops | 16.65 | 3.65 |
| 12 36 61 19-0007 | EA | Cutout For Sink And/Or Faucet In Quartz Agglomerate Countertop | 128.76 | |

## 12 40 Furnishings and Accessories *(12)*

### 12 41 Office Accessories *(12 40)*

#### 12 41 11 Office Accessories *(12 41)*

12 41 11 00-0001 Wall Mounted Office Accessories *(12 41 11)*

| | | | | |
|---|---|---|---|---|
| 12 41 11 00-0002 | EA | Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK) | 21.62 | 3.15 |
| 12 41 11 00-0003 | EA | Wall Mounted Flag | 15.74 | 3.15 |

12 41 11 00-0004 Desk Edge Mounted Clamps *(12 41 11)*

| | | | | |
|---|---|---|---|---|
| 12 41 11 00-0005 | EA | Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels<br>Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and table tops, clamp adjusts to support 1/8" to 3/8" thick panels. | 35.14 | |
| | | *For >10 To 50, Deduct* | *-8.62* | |
| | | *For >50, Deduct* | *-13.78* | |

### 12 48 Rugs and Mats *(12 40)*

#### 12 48 13 Entrance Floor Mats and Frames *(12 48)*

#### 12 48 13 13 Entrance Floor Mats *(12 48 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **12 48 13 13-0001** | | **Floor Mats** *(12 48 13 13)* | | |
| 12 48 13 13-0002 | SF | 3/8" Thick Solid Recessable Floor Mat | 30.11 | 1.95 |
| | | *For Colors, Add* | *5.24* | |
| 12 48 13 13-0003 | SF | 1/2" Thick Solid Recessable Floor Mat | 38.17 | 1.95 |
| | | *For Colors, Add* | *6.85* | |
| 12 48 13 13-0004 | SF | 3/8" Thick Perforated Recessable Floor Mat | 32.12 | 1.95 |
| | | *For Colors, Add* | *5.64* | |
| 12 48 13 13-0005 | SF | 1/2" Thick Perforated Recessable Floor Mat | 40.19 | 1.95 |
| | | *For Colors, Add* | *7.26* | |
| **12 48 13 13-0006** | | **Link Mats** *(12 48 13 13)* | | |
| | | Note: Includes nosing. | | |
| 12 48 13 13-0007 | SF | 3/8" Link Mats, Aluminum | 30.04 | 1.95 |
| 12 48 13 13-0008 | SF | Black Rubber Link Mats With Galvanized Tie Rods | 31.62 | 1.95 |
| 12 48 13 13-0009 | SF | 3/8" Thick, Galvanized Steel Link Mats | 17.02 | 1.95 |
| 12 48 13 13-0010 | SF | Vinyl Link Mats, Color | 34.61 | 1.95 |
| 12 48 13 13-0011 | LF | Rubber Nosing | 3.84 | 0.85 |
| **12 48 13 13-0012** | | **Duckboard** *(12 48 13 13)* | | |
| 12 48 13 13-0013 | SF | Aluminum Slats | 43.24 | 2.23 |
| 12 48 13 13-0014 | SF | Hardwood Strips On Rubber Base | 12.54 | 2.23 |
| 12 48 13 13-0015 | SF | Assembled With Brass Rods And Vinyl Spacers | 13.73 | 2.23 |
| 12 48 13 13-0016 | SF | Tire Fabric, 3/4" Thick | 19.65 | 2.23 |
| 12 48 13 13-0017 | SF | Vinyl, 36" Wide, Hollow Top And Bottom | 14.85 | 2.23 |
| 12 48 13 13-0018 | SF | Vinyl, 36" Wide, Solid Top And Bottom | 23.06 | 2.23 |
| **12 48 13 16** | | **Entrance Floor Mat Frames** *(12 48 13)* | | |
| 12 48 13 16-0001 | | Recessed Frames *(12 48 13 16)* | | |
| 12 48 13 16-0002 | LF | Aluminum Recessed Embedded Frame | 19.18 | 3.43 |
| 12 48 13 16-0003 | LF | Bronze Recessed Embedded Frame | 19.79 | 3.43 |
| **12 50 Furniture** *(12)* | | | | |
| **12 55 Detention Furniture** *(12 50)* | | | | |
| **12 55 13** | | **Detention Bunks** *(12 55)* | | |
| 12 55 13 00-0001 | | Wall Mounted Single Bunks *(12 55 13)* | | |
| | | Note: 14 Gauge center pan, 7 gauge bracket, painted. | | |
| 12 55 13 00-0002 | EA | 27" Wide x 80" Long x 12" High Wall Mounted Bunk | 471.47 | 78.04 |
| 12 55 13 00-0003 | EA | 32" Wide x 80" Long x 12" High Wall Mounted Bunk | 537.85 | 78.04 |
| 12 55 13 00-0004 | EA | 38" Wide x 80" Long x 12" High Wall Mounted Bunk | 584.32 | 78.04 |
| 12 55 13 00-0005 | | Floor Supported Single Bunks *(12 55 13)* | | |
| | | Note: 14 Gauge center pan, 10 gauge steel brackets, 10 gauge formed steel legs, painted. | | |
| 12 55 13 00-0006 | EA | 27" Wide x 80" Long x 12" High Floor Mounted Bunk | 471.47 | 78.04 |
| 12 55 13 00-0007 | EA | 32" Wide x 80" Long x 12" High Floor Mounted Bunk | 537.85 | 78.04 |
| 12 55 13 00-0008 | EA | 38" Wide x 80" Long x 12" High Floor Mounted Bunk | 584.32 | 78.04 |
| 12 55 13 00-0009 | | Floor Mounted Single Bunks *(12 55 13)* | | |
| | | Note: 14 Gauge center pan, 10 gauge formed steel legs, painted. | | |
| 12 55 13 00-0010 | EA | 27" Wide x 80" Long x 16" High Floor Mounted Bunk | 471.47 | 78.04 |
| 12 55 13 00-0011 | EA | 32" Wide x 80" Long x 16" High Floor Mounted Bunk | 537.85 | 78.04 |
| 12 55 13 00-0012 | EA | 38" Wide x 80" Long x 16" High Floor Mounted Bunk | 584.32 | 78.04 |
| 12 55 13 00-0013 | | Single Stackable Bunks *(12 55 13)* | | |
| | | Note: One piece, 10 gauge formed pan, 10 gauge formed steel legs, painted. | | |
| 12 55 13 00-0014 | EA | 26" Wide x 76" Long x 32" High Stackable Bunk | 484.74 | 78.04 |
| 12 55 13 00-0015 | EA | 31" Wide x 76" Long x 32" High Stackable Bunk | 504.66 | 78.04 |
| 12 55 13 00-0016 | | Double Bunks *(12 55 13)* | | |
| | | Note: 14 Gauge center pans, 10 gauge formed steel legs, painted. | | |
| 12 55 13 00-0017 | EA | 27" Wide x 80" Long x 52" High Double Bunk | 855.42 | 104.06 |
| 12 55 13 00-0018 | EA | 32" Wide x 80" Long x 52" High Double Bunk | 868.69 | 104.06 |
| 12 55 13 00-0019 | EA | 38" Wide x 80" Long x 52" High Double Bunk | 925.12 | 104.06 |
| 12 55 13 00-0020 | | Non-Removable Storage Drawers For Bunks/Beds *(12 55 13)* | | |
| | | Note: 14 Gauge drawer with 10 gauge formed steel guides, painted. | | |
| 12 55 13 00-0021 | EA | 16" Long x 15" Wide x 7.75" Deep Non Removable Storage Drawer | 207.49 | 39.03 |
| 12 55 13 00-0022 | EA | 24" Long x 23" Wide x 10" Deep Non Removable Storage Drawer | 345.46 | 41.62 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 55 13 00-0023 | | **Expanded Metal Convertible Beds** *(12 55 13)*<br>Note: 1/2" #13 Flattened expanded metal pans, welded inside 2" x 1-1/2" x 3/16" angle iron frames, 10 gauge formed steel legs with floor mount, 1-1/2" 10 gauge bracing between leg assembly and frame. | | |
| 12 55 13 00-0024 | EA | 27" Wide x 80" Long x 24" High Expanded Metal Convertible Bed | 486.24 | 78.04 |
| 12 55 13 00-0025 | EA | 32" Wide x 80" Long x 24" High Expanded Metal Convertible Bed | 513.77 | 78.04 |
| 12 55 13 00-0026 | EA | 38" Wide x 80" Long x 24" High Expanded Metal Convertible Bed | 541.28 | 78.04 |
| 12 55 13 00-0027 | EA | Adapter Kit For Converting Single Bed To Double Deck | 67.27 | |
| **12 55 16** | | **Detention Desks** *(12 55)* | | |
| 12 55 16 00-0001 | | **Heavy Duty Desk With Swing Arm Seat** *(12 55 16)*<br>Note: Includes 12" diameter 11 gauge stainless steel seat, cast iron swing arm, 10 gauge shelves, stainless steel towel bar, 10 gauge steel foot rest, painted. | | |
| 12 55 16 00-0002 | EA | 36.5" Long x 15.5" Deep x 30" High Desk With Swing Arm Seat, 10 Gauge Steel Top | 858.42 | 83.25 |
| 12 55 16 00-0003 | EA | 36.5" Long x 15.5" Deep x 30" High Desk With Swing Arm Seat, 11 Gauge Stainless Steel Top | 1,082.05 | 83.25 |
| **12 55 19** | | **Detention Stools** *(12 55)* | | |
| 12 55 19 00-0001 | | **Heavy Duty Steel Bench** *(12 55 19)*<br>Note: 10 Gauge formed steel seat with rounded corners and edges, painted. | | |
| 12 55 19 00-0002 | EA | 48" Long x 18" High x 12" Wide Steel Bench | 453.55 | 62.44 |
| 12 55 19 00-0003 | EA | 72" Long x 18" High x 12" Wide Steel Bench | 550.24 | 67.64 |
| 12 55 19 00-0004 | EA | 96" Long x 18" High x 12" Wide Steel Bench | 610.34 | 72.84 |
| 12 55 19 00-0005 | | **Stationary Stools** *(12 55 19)*<br>Note: 12" Diameter 11 gauge stainless steel seat, 18" high, 2" schedule 40 steel pipe with welded 6" x 6" 10 gauge steel base plate bolted to floor. | | |
| 12 55 19 00-0006 | EA | 12" Diameter Stainless Steel Stationary Stool, 18" High | 342.31 | 62.44 |
| 12 55 19 00-0007 | | **Cell Bench** *(12 55 19)*<br>Note: 1-3/4" Thick red oak bench top, polyurethane finish. | | |
| 12 55 19 00-0008 | EA | 48" Long x 12" Wide Cell Bench, Red Oak | 377.76 | 62.54 |
| 12 55 19 00-0009 | EA | 72" Long x 12" Wide Cell Bench, Red Oak | 454.54 | 67.64 |
| 12 55 19 00-0010 | EA | 96" Long x 12" Wide Cell Bench, Red Oak | 503.16 | 72.84 |
| **12 55 23** | | **Detention Tables** *(12 55)* | | |
| 12 55 23 00-0001 | | **Wall Mounted Table And Seat Set** *(12 55 23)*<br>Note: 7 Gauge steel, painted. | | |
| 12 55 23 00-0002 | EA | 18" x 12" Wall Mounted Table And Seat Set | 228.06 | 44.23 |
| 12 55 23 00-0003 | | **Heavy Duty Picnic Style Table** *(12 55 23)*<br>Note: 10 Gauge steel, painted. | | |
| 12 55 23 00-0004 | EA | 48" Long x 50" Wide x 30" High Steel Picnic - Style Table | 1,234.86 | 78.04 |
| 12 55 23 00-0005 | EA | 72" Long x 50" Wide x 30" High Steel Picnic - Style Table | 1,577.17 | 83.25 |
| 12 55 23 00-0006 | EA | 96" Long x 50" Wide x 30" High Steel Picnic - Style Table | 1,758.76 | 91.06 |
| 12 55 23 00-0007 | | **Heavy Duty Picnic Style Table** *(12 55 23)*<br>Note: 11 Gauge stainless steel top and benches with 10 gauge steel table base parts, painted. | | |
| 12 55 23 00-0008 | EA | 48" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table | 2,147.62 | 78.04 |
| 12 55 23 00-0009 | EA | 72" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table | 3,070.77 | 83.25 |
| 12 55 23 00-0010 | EA | 96" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table | 3,252.36 | 91.06 |
| 12 55 23 00-0011 | | **Heavy Duty Pedestal Style Table** *(12 55 23)*<br>Note: 10 Gauge steel table top with 11 gauge stainless steel, 12" diameter table seats, painted. | | |
| 12 55 23 00-0012 | EA | 24" Long x 59" Wide x 30" High Steel Pedestal Table | 1,092.61 | 65.04 |
| 12 55 23 00-0013 | EA | 65" Long x 65" Wide x 30" High Steel Pedestal Table | 1,783.43 | 70.24 |
| 12 55 23 00-0014 | EA | 65" Long x 87" Wide x 30" High Steel Pedestal Table | 2,645.48 | 78.04 |
| 12 55 23 00-0015 | EA | 12" Diameter Stainless Steel Replacement Seat | 83.97 | 10.41 |
| 12 55 23 00-0016 | | **Heavy Duty Pedestal Style Table** *(12 55 23)*<br>Note: 11 Gauge stainless steel table top with 11 gauge stainless steel, 12" diameter table seats, painted. | | |
| 12 55 23 00-0017 | EA | 24" Long x 59" Wide x 30" High Stainless Steel Pedestal Table | 1,374.74 | 65.04 |
| 12 55 23 00-0018 | EA | 65" Long x 65" Wide x 30" High Stainless Steel Pedestal Table | 2,380.87 | 70.24 |
| 12 55 23 00-0019 | EA | 65" Long x 87" Wide x 30" High Stainless Steel Pedestal Table | 3,458.67 | 78.04 |
| 12 55 23 00-0020 | EA | 12" Diameter Gray-Primed Steel Replacement Seats | 59.19 | 10.41 |
| **12 55 26** | | **Detention Safety Clothes Hooks** *(12 55)* | | |
| 12 55 26 00-0001 | EA | Collapsible Clothes Hook, Screw Type | 61.36 | 19.10 |
| 12 55 26 00-0002 | EA | Collapsible Clothes Hook, Weld-On Type | 62.09 | 20.82 |
| 12 55 26 00-0003 | EA | 8" x 18" Storage Shelf<br>Note: With four collapsible clothes hooks on 11" x 18" back plate, welded steel plates, anchors. | 291.99 | 41.62 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **12 55 86** | | **Detention Control Room Furniture** *(12 55)* | | |
| 12 55 86 00-0001 | EA | 22-1/4" Wide x 13-1/2" Deep Tray, Single-Arm, TV Wall Mount | 233.54 | 71.67 |
| **12 59** | | **Systems Furniture** *(12 50)* | | |
| **12 59 13** | | **Panel-Hung Component System Furniture** *(12 59)* | | |
| 12 59 13 00-0001 | | Open Office Systems Furniture Components *(12 59 13)*<br>Note: Excludes electrical wire and wiring devices. See CSI section 26 05 19 13-0001 for wire, 26 05 19 16-0011 for wire, 26 27 26 00-0000 for wiring devices. | | |
| 12 59 13 00-0002 | EA | 34H 24W Fabric Covered Panel - Component Systems Furniture | 255.24 | 18.92 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *47.83* | |
| | | *For Acoustical Panel, Add* | *51.99* | |
| | | *For Enameled Surface, Deduct* | *-20.80* | |
| 12 59 13 00-0003 | EA | 34H 30W Fabric Covered Panel - Component Systems Furniture | 283.67 | 21.06 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *53.16* | |
| | | *For Acoustical Panel, Add* | *57.79* | |
| | | *For Enameled Surface, Deduct* | *-23.11* | |
| 12 59 13 00-0004 | EA | 34H 36W Fabric Covered Panel - Component Systems Furniture | 303.32 | 22.42 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *56.84* | |
| | | *For Acoustical Panel, Add* | *61.79* | |
| | | *For Enameled Surface, Deduct* | *-24.72* | |
| 12 59 13 00-0005 | EA | 34H 48W Fabric Covered Panel - Component Systems Furniture | 339.87 | 25.18 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *63.70* | |
| | | *For Acoustical Panel, Add* | *69.24* | |
| | | *For Enameled Surface, Deduct* | *-27.69* | |
| 12 59 13 00-0006 | EA | 42H 24W Fabric Covered Panel - Component Systems Furniture | 259.30 | 19.20 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *48.59* | |
| | | *For Acoustical Panel, Add* | *52.82* | |
| | | *For Enameled Surface, Deduct* | *-21.13* | |
| 12 59 13 00-0007 | EA | 42H 30W Fabric Covered Panel - Component Systems Furniture | 293.13 | 21.67 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *54.94* | |
| | | *For Acoustical Panel, Add* | *59.72* | |
| | | *For Enameled Surface, Deduct* | *-23.89* | |
| 12 59 13 00-0008 | EA | 42H 36W Fabric Covered Panel - Component Systems Furniture | 328.35 | 24.35 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *61.54* | |
| | | *For Acoustical Panel, Add* | *66.89* | |
| | | *For Enameled Surface, Deduct* | *-26.76* | |
| 12 59 13 00-0009 | EA | 42H 48W Fabric Covered Panel - Component Systems Furniture | 385.91 | 28.55 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *72.32* | |
| | | *For Acoustical Panel, Add* | *78.61* | |
| | | *For Enameled Surface, Deduct* | *-31.45* | |
| 12 59 13 00-0010 | EA | 62H 12W Fabric Covered Panel - Component Systems Furniture | 249.81 | 18.50 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *46.82* | |
| | | *For Acoustical Panel, Add* | *50.89* | |
| | | *For Enameled Surface, Deduct* | *-20.36* | |
| 12 59 13 00-0011 | EA | 62H 24W Fabric Covered Panel - Component Systems Furniture | 307.37 | 22.77 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *57.61* | |
| | | *For Acoustical Panel, Add* | *62.62* | |
| | | *For Enameled Surface, Deduct* | *-25.05* | |
| 12 59 13 00-0012 | EA | 62H 36W Fabric Covered Panel - Component Systems Furniture | 384.57 | 28.48 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *72.07* | |
| | | *For Acoustical Panel, Add* | *78.34* | |
| | | *For Enameled Surface, Deduct* | *-31.34* | |
| 12 59 13 00-0013 | EA | 62H 48W Fabric Covered Panel - Component Systems Furniture | 460.36 | 34.06 |
| | | *For Tackable Acoustical Barrier Panel, Add* | *86.28* | |
| | | *For Acoustical Panel, Add* | *93.78* | |
| | | *For Enameled Surface, Deduct* | *-37.51* | |
| 12 59 13 00-0014 | EA | 34" Draw Rod Panel Connector Hardware | 13.94 | 1.03 |
| 12 59 13 00-0015 | EA | 42" Draw Rod Panel Connector Hardware | 13.94 | 1.03 |
| 12 59 13 00-0016 | EA | 62" Draw Rod Panel Connector Hardware | 14.87 | 1.10 |
| 12 59 13 00-0017 | EA | 34" Two-Way 90 Degree Panel Connector Hardware | 64.12 | 4.75 |
| 12 59 13 00-0018 | EA | 42" Two-Way 90 Degree Panel Connector Hardware | 74.34 | 5.51 |
| 12 59 13 00-0019 | EA | 62" Two-Way 90 Degree Panel Connector Hardware | 85.49 | 6.33 |
| 12 59 13 00-0020 | EA | 34" Three-Way 90 Degree Panel Connector Hardware | 99.43 | 7.36 |
| 12 59 13 00-0021 | EA | 42" Three-Way 90 Degree Panel Connector Hardware | 115.23 | 8.53 |
| 12 59 13 00-0022 | EA | 62" Three-Way 90 Degree Panel Connector Hardware | 133.82 | 9.91 |
| 12 59 13 00-0023 | EA | 34" Four-Way 90 Degree Panel Connector Hardware | 125.45 | 9.28 |
| 12 59 13 00-0024 | EA | 42" Four-Way 90 Degree Panel Connector Hardware | 146.82 | 10.87 |
| 12 59 13 00-0025 | EA | 62" Four-Way 90 Degree Panel Connector Hardware | 176.56 | 13.07 |
| 12 59 13 00-0026 | EA | 34" Panel End Cap Hardware | 21.38 | 1.59 |
| 12 59 13 00-0027 | EA | 42" Panel End Cap Hardware | 24.16 | 1.79 |
| 12 59 13 00-0028 | EA | 62" Panel End Cap Hardware | 26.02 | 1.93 |
| 12 59 13 00-0029 | EA | 28" Variable Height Panel End Filler<br>Note: Field cut to appropriate length. | 23.58 | 1.79 |
| 12 59 13 00-0030 | EA | Two-Way Trim Cover For Cable Management Raceway | 12.14 | 0.89 |
| 12 59 13 00-0031 | EA | Three-Way Trim Cover For Cable Management Raceway | 12.80 | 0.96 |
| 12 59 13 00-0032 | EA | Four-Way Trim Cover For Cable Management Raceway | 14.81 | 1.10 |
| 12 59 13 00-0033 | EA | Finished End Trim Cover For Cable Management Raceway | 12.14 | 0.89 |
| 12 59 13 00-0034 | EA | 12" Cable Management Raceway Assembly<br>Note: Includes base plate, two side covers, and 2 side cover fillers. | 24.93 | 1.86 |
| 12 59 13 00-0035 | EA | 24" Cable Management Raceway Assembly<br>Note: Includes base plate, two side covers, and 2 side cover fillers. | 28.30 | 2.06 |
| 12 59 13 00-0036 | EA | 30" Cable Management Raceway Assembly<br>Note: Includes base plate, two side covers, and 2 side cover fillers. | 28.96 | 2.13 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 59 13 00-0037 | EA | 36" Cable Management Raceway Assembly<br>Note: Includes base plate, two side covers, and 2 side cover fillers. | 32.34 | 2.41 |
| 12 59 13 00-0038 | EA | 48" Cable Management Raceway Assembly<br>Note: Includes base plate, two side covers, and 2 side cover fillers. | 36.37 | 2.68 |
| 12 59 13 00-0039 | EA | 24" x 36" Radiused Edge Rectangular Hanging Work Surface | 195.66 | 14.45 |
| 12 59 13 00-0040 | EA | 30" x 36" Radiused Edge Rectangular Hanging Work Surface | 241.01 | 17.82 |
| 12 59 13 00-0041 | EA | 24" x 48" Radiused Edge Rectangular Hanging Work Surface | 227.48 | 16.86 |
| 12 59 13 00-0042 | EA | 30" x 48" Radiused Edge Rectangular Hanging Work Surface | 284.36 | 21.06 |
| 12 59 13 00-0043 | EA | 24" x 60" Radiused Edge Rectangular Hanging Work Surface | 287.06 | 21.26 |
| 12 59 13 00-0044 | EA | 30" x 60" Radiused Edge Rectangular Hanging Work Surface | 361.54 | 26.83 |
| 12 59 13 00-0045 | EA | 24" x 72" Radiused Edge Rectangular Hanging Work Surface | 348.67 | 25.80 |
| 12 59 13 00-0046 | EA | 30" x 72" Radiused Edge Rectangular Hanging Work Surface | 438.01 | 32.40 |
| 12 59 13 00-0047 | EA | 30" x 60" Radiused Edge Table | 778.10 | 57.65 |
| 12 59 13 00-0048 | EA | 30" x 72" Radiused Edge Table | 850.29 | 63.02 |
| 12 59 13 00-0049 | EA | 14" x 24" Radiused Edge Transaction Surface | 93.43 | 6.95 |
| 12 59 13 00-0050 | EA | 14" x 36" Radiused Edge Transaction Surface | 106.28 | 7.85 |
| 12 59 13 00-0051 | EA | 14" x 48" Radiused Edge Transaction Surface | 119.15 | 8.81 |
| 12 59 13 00-0052 | EA | 14" x 60" Radiused Edge Transaction Surface | 148.26 | 11.01 |
| 12 59 13 00-0053 | EA | 14" x 72" Radiused Edge Transaction Surface | 178.05 | 13.21 |
| 12 59 13 00-0054 | EA | 14" Right Angle Corner Transaction Surface | 311.44 | 23.05 |
| 12 59 13 00-0055 | EA | Transaction Surface Support | 24.67 | 1.82 |
| 12 59 13 00-0056 | EA | Plastic Pencil Drawer | 27.08 | 1.79 |
| 12 59 13 00-0057 | EA | 15-1/2" x 24" Hanging Shelf | 90.97 | 6.74 |
| 12 59 13 00-0058 | EA | 15-1/2" x 36" Hanging Shelf | 99.02 | 7.29 |
| 12 59 13 00-0059 | EA | 15-1/2" x 48" Hanging Shelf | 105.78 | 7.85 |
| 12 59 13 00-0060 | EA | 24" Flipper Door - Top And Front Closure<br>Note: Used with hanging shelf. | 156.96 | 11.62 |
| 12 59 13 00-0061 | EA | 36" Flipper Door - Top And Front Closure<br>Note: Used with hanging shelf. | 183.25 | 13.62 |
| 12 59 13 00-0062 | EA | 48" Flipper Door - Top And Front Closure<br>Note: Used with hanging shelf. | 210.20 | 15.55 |
| 12 59 13 00-0063 | EA | 24" Suspended Lateral File, Lockable | 541.39 | 39.86 |
| 12 59 13 00-0064 | EA | 30" Suspended Lateral File, Lockable | 571.82 | 42.11 |
| 12 59 13 00-0065 | EA | 36" Suspended Lateral File, Lockable | 603.35 | 44.42 |
| 12 59 13 00-0066 | EA | 48" Suspended Lateral File, Lockable | 659.90 | 48.59 |
| 12 59 13 00-0067 | EA | Fully Adjustable Vinyl Keyboard Tray | 245.25 | 18.16 |
| 12 59 13 00-0068 | EA | Palm Rest For Vinyl Keyboard Tray | 38.39 | 2.89 |
| 12 59 13 00-0069 | EA | 24" x 36" Radiused Edge Corner Work Surface | 309.84 | 22.97 |
| 12 59 13 00-0070 | EA | File Drawer Organizer | 99.72 | 7.36 |
| 12 59 13 00-0071 | EA | Suspended Lateral File Converter Bracket | 21.56 | 1.59 |
| 12 59 13 00-0072 | EA | Utility Task Light | 107.79 | 7.98 |

## 12 59 13 00-0073 Disassemble And Store Systems Furniture Components *(12 59 13)*

| | | | |
|---|---|---|---|
| 12 59 13 00-0074 | EA | Disassemble And Store 34H 24W Fabric Covered Panel | 23.64 |
| 12 59 13 00-0075 | EA | Disassemble And Store 34H 30W Fabric Covered Panel | 26.27 |
| 12 59 13 00-0076 | EA | Disassemble And Store 34H 36W Fabric Covered Panel | 28.10 |
| 12 59 13 00-0077 | EA | Disassemble And Store 34H 48W Fabric Covered Panel | 31.48 |
| 12 59 13 00-0078 | EA | Disassemble And Store 42H 24W Fabric Covered Panel | 24.02 |
| 12 59 13 00-0079 | EA | Disassemble And Store 42H 30W Fabric Covered Panel | 27.15 |
| 12 59 13 00-0080 | EA | Disassemble And Store 42H 36W Fabric Covered Panel | 30.42 |
| 12 59 13 00-0081 | EA | Disassemble And Store 42H 48W Fabric Covered Panel | 35.74 |
| 12 59 13 00-0082 | EA | Disassemble And Store 62H 12W Fabric Covered Panel | 23.14 |
| 12 59 13 00-0083 | EA | Disassemble And Store 62H 24W Fabric Covered Panel | 28.47 |
| 12 59 13 00-0084 | EA | Disassemble And Store 62H 36W Fabric Covered Panel | 35.62 |
| 12 59 13 00-0085 | EA | Disassemble And Store 62H 48W Fabric Covered Panel | 42.65 |
| 12 59 13 00-0086 | EA | Disassemble And Store 34" Draw Rod Panel Connector Hardware | 1.30 |
| 12 59 13 00-0087 | EA | Disassemble And Store 42" Draw Rod Panel Connector Hardware | 1.30 |
| 12 59 13 00-0088 | EA | Disassemble And Store 62" Draw Rod Panel Connector Hardware | 1.38 |
| 12 59 13 00-0089 | EA | Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware | 5.94 |
| 12 59 13 00-0090 | EA | Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware | 6.88 |
| 12 59 13 00-0091 | EA | Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware | 7.92 |
| 12 59 13 00-0092 | EA | Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware | 9.21 |
| 12 59 13 00-0093 | EA | Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware | 10.67 |
| 12 59 13 00-0094 | EA | Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware | 12.40 |
| 12 59 13 00-0095 | EA | Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware | 11.62 |
| 12 59 13 00-0096 | EA | Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware | 13.60 |
| 12 59 13 00-0097 | EA | Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware | 16.35 |
| 12 59 13 00-0098 | EA | Disassemble And Store 34" Panel End Cap Hardware | 1.98 |
| 12 59 13 00-0099 | EA | Disassemble And Store 42" Panel End Cap Hardware | 2.24 |
| 12 59 13 00-0100 | EA | Disassemble And Store 62" Panel End Cap Hardware | 2.41 |
| 12 59 13 00-0101 | EA | Disassemble And Store Variable Height Panel End Filler | 2.18 |
| 12 59 13 00-0102 | EA | Disassemble And Store Two-Way Trim Cover For Cable Management Raceway | 1.13 |
| 12 59 13 00-0103 | EA | Disassemble And Store Three-Way Trim Cover For Cable Management Raceway | 1.19 |
| 12 59 13 00-0104 | EA | Disassemble And Store Four-Way Trim Cover For Cable Management Raceway | 1.38 |
| 12 59 13 00-0105 | EA | Disassemble And Store Finished End Trim Cover For Cable Management Raceway | 1.13 |
| 12 59 13 00-0106 | EA | Disassemble And Store 12" Cable Management Raceway Assembly | 2.31 |
| 12 59 13 00-0107 | EA | Disassemble And Store 24" Cable Management Raceway Assembly | 2.62 |
| 12 59 13 00-0108 | EA | Disassemble And Store 30" Cable Management Raceway Assembly | 2.68 |
| 12 59 13 00-0109 | EA | Disassemble And Store 36" Cable Management Raceway Assembly | 2.99 |
| 12 59 13 00-0110 | EA | Disassemble And Store 48" Cable Management Raceway Assembly | 3.37 |
| 12 59 13 00-0111 | EA | Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface | 18.12 |
| 12 59 13 00-0112 | EA | Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface | 22.32 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 59 13 00-0113 | EA | Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface | 21.08 | |
| 12 59 13 00-0114 | EA | Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface | 26.34 | |
| 12 59 13 00-0115 | EA | Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface | 26.59 | |
| 12 59 13 00-0116 | EA | Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface | 33.48 | |
| 12 59 13 00-0117 | EA | Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface | 32.30 | |
| 12 59 13 00-0118 | EA | Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface | 40.58 | |
| 12 59 13 00-0119 | EA | Disassemble And Store 30" x 60" Radiused Edge Table | 62.66 | |
| 12 59 13 00-0120 | EA | Disassemble And Store 30" x 72" Radiused Edge Table | 78.74 | |
| 12 59 13 00-0121 | EA | Disassemble And Store 14" x 24" Radiused Edge Transaction Surface | 8.65 | |
| 12 59 13 00-0122 | EA | Disassemble And Store 14" x 36" Radiused Edge Transaction Surface | 9.84 | |
| 12 59 13 00-0123 | EA | Disassemble And Store 14" x 48" Radiused Edge Transaction Surface | 11.04 | |
| 12 59 13 00-0124 | EA | Disassemble And Store 14" x 60" Radiused Edge Transaction Surface | 13.73 | |
| 12 59 13 00-0125 | EA | Disassemble And Store 14" x 72" Radiused Edge Transaction Surface | 16.50 | |
| 12 59 13 00-0126 | EA | Disassemble And Store 14" Right Angle Corner Transaction Surface | 28.85 | |
| 12 59 13 00-0127 | EA | Disassemble And Store Transaction Surface Support | 2.28 | |
| 12 59 13 00-0128 | EA | Disassemble And Store Plastic Pencil Drawer | 2.25 | |
| 12 59 13 00-0129 | EA | Disassemble And Store 15-1/2" x 24" Hanging Shelf | 8.43 | |
| 12 59 13 00-0130 | EA | Disassemble And Store 15-1/2" x 36" Hanging Shelf | 9.17 | |
| 12 59 13 00-0131 | EA | Disassemble And Store 15-1/2" x 48" Hanging Shelf | 9.79 | |
| 12 59 13 00-0132 | EA | Disassemble And Store 24" Flipper Door And Shelf | 14.54 | |
| 12 59 13 00-0133 | EA | Disassemble And Store 36" Flipper Door And Shelf | 16.98 | |
| 12 59 13 00-0134 | EA | Disassemble And Store 48" Flipper Door And Shelf | 19.47 | |
| 12 59 13 00-0135 | EA | Disassemble And Store 24" Suspended Lateral File | 49.84 | |
| 12 59 13 00-0136 | EA | Disassemble And Store 30" Suspended Lateral File | 52.63 | |
| 12 59 13 00-0137 | EA | Disassemble And Store 36" Suspended Lateral File | 55.53 | |
| 12 59 13 00-0138 | EA | Disassemble And Store 48" Suspended Lateral File | 60.74 | |
| 12 59 13 00-0139 | EA | Disassemble And Store Fully Adjustable Vinyl Keyboard Tray | 22.71 | |
| 12 59 13 00-0140 | EA | Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface | 28.70 | |
| 12 59 13 00-0141 | EA | Disassemble And Store Utility Task Light | 9.99 | |

## 12 59 13 00-0142 Reconfigure Systems Furniture Components *(12 59 13)*

| | | | | |
|---|---|---|---|---|
| 12 59 13 00-0143 | EA | Reconfigure 34H 24W Fabric Covered Panel | 25.21 | |
| 12 59 13 00-0144 | EA | Reconfigure 34H 30W Fabric Covered Panel | 28.02 | |
| 12 59 13 00-0145 | EA | Reconfigure 34H 36W Fabric Covered Panel | 29.96 | |
| 12 59 13 00-0146 | EA | Reconfigure 34H 48W Fabric Covered Panel | 33.56 | |
| 12 59 13 00-0147 | EA | Reconfigure 42H 24W Fabric Covered Panel | 25.61 | |
| 12 59 13 00-0148 | EA | Reconfigure 42H 30W Fabric Covered Panel | 28.95 | |
| 12 59 13 00-0149 | EA | Reconfigure 42H 36W Fabric Covered Panel | 32.43 | |
| 12 59 13 00-0150 | EA | Reconfigure 42H 48W Fabric Covered Panel | 38.11 | |
| 12 59 13 00-0151 | EA | Reconfigure 62H 12W Fabric Covered Panel | 24.67 | |
| 12 59 13 00-0152 | EA | Reconfigure 62H 24W Fabric Covered Panel | 30.36 | |
| 12 59 13 00-0153 | EA | Reconfigure 62H 36W Fabric Covered Panel | 37.97 | |
| 12 59 13 00-0154 | EA | Reconfigure 62H 48W Fabric Covered Panel | 45.47 | |
| 12 59 13 00-0155 | EA | Reconfigure 34" Draw Rod Panel Connector Hardware | 1.38 | |
| 12 59 13 00-0156 | EA | Reconfigure 42" Draw Rod Panel Connector Hardware | 1.38 | |
| 12 59 13 00-0157 | EA | Reconfigure 62" Draw Rod Panel Connector Hardware | 1.47 | |
| 12 59 13 00-0158 | EA | Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware | 6.33 | |
| 12 59 13 00-0159 | EA | Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware | 7.34 | |
| 12 59 13 00-0160 | EA | Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware | 8.44 | |
| 12 59 13 00-0161 | EA | Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware | 9.81 | |
| 12 59 13 00-0162 | EA | Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware | 11.38 | |
| 12 59 13 00-0163 | EA | Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware | 13.21 | |
| 12 59 13 00-0164 | EA | Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware | 12.39 | |
| 12 59 13 00-0165 | EA | Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware | 14.50 | |
| 12 59 13 00-0166 | EA | Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware | 17.44 | |
| 12 59 13 00-0167 | EA | Reconfigure 34" Panel End Cap Hardware | 2.11 | |
| 12 59 13 00-0168 | EA | Reconfigure 42" Panel End Cap Hardware | 2.39 | |
| 12 59 13 00-0169 | EA | Reconfigure 62" Panel End Cap Hardware | 2.57 | |
| 12 59 13 00-0170 | EA | Reconfigure Variable Height Panel End Filler | 2.33 | |
| 12 59 13 00-0171 | EA | Reconfigure Two-Way Trim Cover For Cable Management Raceway | 1.20 | |
| 12 59 13 00-0172 | EA | Reconfigure Three-Way Trim Cover For Cable Management Raceway | 1.27 | |
| 12 59 13 00-0173 | EA | Reconfigure Four-Way Trim Cover For Cable Management Raceway | 1.47 | |
| 12 59 13 00-0174 | EA | Reconfigure Finished End Trim Cover For Cable Management Raceway | 1.20 | |
| 12 59 13 00-0175 | EA | Reconfigure 12" Cable Management Raceway Assembly | 2.46 | |
| 12 59 13 00-0176 | EA | Reconfigure 24" Cable Management Raceway Assembly | 2.79 | |
| 12 59 13 00-0177 | EA | Reconfigure 30" Cable Management Raceway Assembly | 2.86 | |
| 12 59 13 00-0178 | EA | Reconfigure 36" Cable Management Raceway Assembly | 3.19 | |
| 12 59 13 00-0179 | EA | Reconfigure 48" Cable Management Raceway Assembly | 3.60 | |
| 12 59 13 00-0180 | EA | Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface | 19.32 | |
| 12 59 13 00-0181 | EA | Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface | 23.80 | |
| 12 59 13 00-0182 | EA | Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface | 22.46 | |
| 12 59 13 00-0183 | EA | Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface | 28.08 | |
| 12 59 13 00-0184 | EA | Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface | 28.35 | |
| 12 59 13 00-0185 | EA | Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface | 35.70 | |
| 12 59 13 00-0186 | EA | Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface | 34.44 | |
| 12 59 13 00-0187 | EA | Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface | 43.26 | |
| 12 59 13 00-0188 | EA | Reconfigure 30" x 60" Radiused Edge Table | 76.85 | |
| 12 59 13 00-0189 | EA | Reconfigure 30" x 72" Radiused Edge Table | 83.98 | |
| 12 59 13 00-0190 | EA | Reconfigure 14" x 24" Radiused Edge Transaction Surface | 9.22 | |
| 12 59 13 00-0191 | EA | Reconfigure 14" x 36" Radiused Edge Transaction Surface | 10.50 | |
| 12 59 13 00-0192 | EA | Reconfigure 14" x 48" Radiused Edge Transaction Surface | 11.76 | |
| 12 59 13 00-0193 | EA | Reconfigure 14" x 60" Radiused Edge Transaction Surface | 14.64 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 59 13 00-0194 | EA | Reconfigure 14" x 72" Radiused Edge Transaction Surface | 17.58 | |
| 12 59 13 00-0195 | EA | Reconfigure 14" Right Angle Corner Transaction Surface | 30.76 | |
| 12 59 13 00-0196 | EA | Reconfigure Transaction Surface Support | 2.43 | |
| 12 59 13 00-0197 | EA | Reconfigure 15-1/2" x 24" Hanging Shelf | 8.98 | |
| 12 59 13 00-0198 | EA | Reconfigure 15-1/2" x 36" Hanging Shelf | 9.78 | |
| 12 59 13 00-0199 | EA | Reconfigure 15-1/2" x 48" Hanging Shelf | 10.45 | |
| 12 59 13 00-0200 | EA | Reconfigure 24" Flipper Door And Shelf | 15.50 | |
| 12 59 13 00-0201 | EA | Reconfigure 36" Flipper Door And Shelf | 18.09 | |
| 12 59 13 00-0202 | EA | Reconfigure 48" Flipper Door And Shelf | 20.75 | |
| 12 59 13 00-0203 | EA | Reconfigure 24" Suspended Lateral File | 53.16 | |
| 12 59 13 00-0204 | EA | Reconfigure 30" Suspended Lateral File | 56.14 | |
| 12 59 13 00-0205 | EA | Reconfigure 36" Suspended Lateral File | 59.24 | |
| 12 59 13 00-0206 | EA | Reconfigure 48" Suspended Lateral File | 64.80 | |
| 12 59 13 00-0207 | EA | Reconfigure 24" x 36" Radiused Edge Corner Work Surface | 30.60 | |

# 12 60 Multiple Seating *(12)*

## 12 61 Fixed Audience Seating *(12 60)*

See CSI section 12 01 60 00-0001 for seat repairs.

### 12 61 13 Upholstered Audience Seating *(12 61)*

#### 12 61 13 00-0001 Upholstered Audience Seating *(12 61 13)*

| | | | | |
|---|---|---|---|---|
| 12 61 13 00-0002 | EA | Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4)<br>Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms. | 487.89 | 36.85 |
| | | *For >100 To 249, Deduct* | *-61.17* | |
| | | *For >249 To 749, Deduct* | *-73.40* | |
| | | *For >749, Deduct* | *-81.56* | |
| | | *For Up To 9, Add* | *664.68* | |
| | | *For >9 To 24, Add* | *265.06* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |
| 12 61 13 00-0003 | EA | Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4)<br>Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms. | 514.27 | 36.85 |
| | | *For >100 To 249, Deduct* | *-65.12* | |
| | | *For >249 To 749, Deduct* | *-78.15* | |
| | | *For >749, Deduct* | *-86.83* | |
| | | *For Up To 9, Add* | *664.26* | |
| | | *For >9 To 24, Add* | *264.84* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |
| 12 61 13 00-0004 | EA | Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4)<br>Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms. | 633.99 | 36.85 |
| | | *For >100 To 249, Deduct* | *-83.08* | |
| | | *For >249 To 749, Deduct* | *-99.70* | |
| | | *For >749, Deduct* | *-110.78* | |
| | | *For Up To 9, Add* | *664.66* | |
| | | *For >9 To 24, Add* | *265.86* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |
| 12 61 13 00-0005 | EA | Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4)<br>Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms | 660.72 | 36.85 |
| | | *For >100 To 249, Deduct* | *-87.09* | |
| | | *For >249 To 749, Deduct* | *-104.51* | |
| | | *For >749, Deduct* | *-116.12* | |
| | | *For Up To 9, Add* | *661.90* | |
| | | *For >9 To 24, Add* | *267.08* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |
| 12 61 13 00-0006 | EA | Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4)<br>Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms. | 425.17 | 36.85 |
| | | *For >100 To 249, Deduct* | *-51.76* | |
| | | *For >249 To 749, Deduct* | *-62.11* | |
| | | *For >749, Deduct* | *-69.01* | |
| | | *For Up To 9, Add* | *665.97* | |
| | | *For >9 To 24, Add* | *265.70* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 61 13 00-0007 | EA | Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4) | 430.44 | 36.85 |
| | | Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms. | | |
| | | *For >100 To 249, Deduct* | *-52.55* | |
| | | *For >249 To 749, Deduct* | *-63.06* | |
| | | *For >749, Deduct* | *-70.07* | |
| | | *For Up To 9, Add* | *665.63* | |
| | | *For >9 To 24, Add* | *266.25* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |
| 12 61 13 00-0008 | EA | Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4) | 453.10 | 36.85 |
| | | Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms. | | |
| | | *For >100 To 249, Deduct* | *-55.95* | |
| | | *For >249 To 749, Deduct* | *-67.14* | |
| | | *For >749, Deduct* | *-74.60* | |
| | | *For Up To 9, Add* | *663.92* | |
| | | *For >9 To 24, Add* | *264.82* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |

## 12 61 16 Molded-Plastic Audience Seating *(12 61)*

### 12 61 16 00-0001 Molded-Plastic Audience Seating *(12 61 16)*

| | | | | |
|---|---|---|---|---|
| 12 61 16 00-0002 | EA | Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30) | 319.18 | 36.85 |
| | | Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms. | | |
| | | *For >100 To 249, Deduct* | *-35.86* | |
| | | *For >249 To 749, Deduct* | *-43.03* | |
| | | *For >749, Deduct* | *-47.81* | |
| | | *For Up To 9, Add* | *655.05* | |
| | | *For >9 To 24, Add* | *262.98* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |
| 12 61 16 00-0003 | EA | Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30) | 359.05 | 36.85 |
| | | Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms. | | |
| | | *For >100 To 249, Deduct* | *-41.84* | |
| | | *For >249 To 749, Deduct* | *-50.21* | |
| | | *For >749, Deduct* | *-55.79* | |
| | | *For Up To 9, Add* | *655.51* | |
| | | *For >9 To 24, Add* | *262.20* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |

## 12 61 19 Plywood/Hardwood Audience Seating *(12 61)*

### 12 61 19 00-0001 Plywood/Hardwood Audience Seating *(12 61 19)*

| | | | | |
|---|---|---|---|---|
| 12 61 19 00-0002 | EA | Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4) | 512.71 | 36.85 |
| | | Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms. | | |
| | | *For >100 To 249, Deduct* | *-64.89* | |
| | | *For >249 To 749, Deduct* | *-77.87* | |
| | | *For >749, Deduct* | *-86.52* | |
| | | *For Up To 9, Add* | *687.83* | |
| | | *For >9 To 24, Add* | *276.86* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |
| 12 61 19 00-0003 | EA | Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4) | 534.11 | 36.85 |
| | | Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms. | | |
| | | *For >100 To 249, Deduct* | *-68.10* | |
| | | *For >249 To 749, Deduct* | *-81.72* | |
| | | *For >749, Deduct* | *-90.80* | |
| | | *For Up To 9, Add* | *658.30* | |
| | | *For >9 To 24, Add* | *263.32* | |
| | | *For Expansion Anchor Mounting With Anchor Caps, Add* | *19.75* | |
| | | *For Epoxy Anchor Mounting With Anchor Caps, Add* | *23.41* | |

## 12 61 21 Fixed Audience Seating Accessories *(12 61)*

### 12 61 21 00-0001 Fixed Audience Seating Accessories *(12 61 21)*

| | | | | |
|---|---|---|---|---|
| 12 61 21 00-0002 | EA | 100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin) | 169.56 | |
| | | *For >100 To 249, Deduct* | *-24.23* | |
| | | *For >249 To 749, Deduct* | *-29.08* | |
| | | *For >749, Deduct* | *-32.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 12 61 21 00-0003 | EA | 120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin) | 172.67 | |
| | | *For >100 To 249, Deduct* | *-24.70* | |
| | | *For >249 To 749, Deduct* | *-29.64* | |
| | | *For >749, Deduct* | *-32.93* | |
| 12 61 21 00-0004 | EA | 151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin) | 180.78 | |
| | | *For >100 To 249, Deduct* | *-25.92* | |
| | | *For >249 To 749, Deduct* | *-31.10* | |
| | | *For >749, Deduct* | *-34.55* | |
| 12 61 21 00-0005 | EA | 98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin) | 169.56 | |
| | | *For >100 To 249, Deduct* | *-24.23* | |
| | | *For >249 To 749, Deduct* | *-29.08* | |
| | | *For >749, Deduct* | *-32.31* | |
| 12 61 21 00-0006 | EA | 105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin) | 181.46 | |
| | | *For >100 To 249, Deduct* | *-26.02* | |
| | | *For >249 To 749, Deduct* | *-31.22* | |
| | | *For >749, Deduct* | *-34.69* | |
| 12 61 21 00-0007 | EA | Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin) | 13.92 | |

## 12 62 Portable-Audience Seating *(12 60)*

### 12 62 23 Portable Bleachers *(12 62)*

#### 12 62 23 00-0001 Metal Bleachers, Outdoor, Portable *(12 62 23)*

Note: Average seating is 18".

#### 12 62 23 00-0002 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 12 62 23 00-0003 | SEA | 2 To 5 Rows, Non Elevated Portable Aluminum Bleacher Price Per Seat | 113.65 | 3.85 |
| | | *For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure* | *165.00* | |
| | | *For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure* | *335.00* | |

#### 12 62 23 00-0004 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

Note: Includes side and back fence.

| | | | | |
|---|---|---|---|---|
| 12 62 23 00-0005 | SEA | 5 Rows, Non Elevated Portable Aluminum Bleacher | 148.98 | 3.85 |
| | | Note: Including side and back fence. | | |
| | | *For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add* | *35.00* | |
| 12 62 23 00-0006 | SEA | 6 To 10 Rows, Non Elevated Portable Aluminum Bleacher | 169.72 | 4.04 |
| | | Note: Including side and back fence. | | |
| | | *For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add* | *35.00* | |
| 12 62 23 00-0007 | SEA | 11 To 15 Rows, Non Elevated Portable Aluminum Bleacher | 177.18 | 4.24 |
| | | Note: Including side and back fence. | | |
| | | *For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add* | *35.00* | |

#### 12 62 23 00-0008 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

Note: Includes side and back fence and center aisle with rails.

| | | | | |
|---|---|---|---|---|
| 12 62 23 00-0009 | SEA | 5 Rows, Non Elevated Portable Aluminum Bleacher | 232.62 | 4.33 |
| | | Note: Including side and back fence and center aisle with hand rails. | | |
| | | *For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add* | *35.00* | |
| 12 62 23 00-0010 | SEA | 6 To 10 Rows, Non Elevated Portable Aluminum Bleacher | 265.86 | 4.55 |
| | | Note: Including side and back fence and center aisle with hand rails. | | |
| | | *For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add* | *35.00* | |
| 12 62 23 00-0011 | SEA | 11 To 15 Rows, Non Elevated Portable Aluminum Bleacher | 288.32 | 4.81 |
| | | Note: Including side and back fence and center aisle with hand rails. | | |
| | | *For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add* | *35.00* | |

**END OF SECTION 12**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 13 Special Construction

## 13 10 Special Facility Components *(13)*

### 13 11 Swimming Pools *(13 10)*

#### 13 11 46 Swimming Pool Accessories *(13 11)*

See CSI section 22 51 19 00-0043 for diatomite type filter system.

**13 11 46 00-0001 Diving Stand** *(13 11 46)*

| | | | | |
|---|---|---|---|---|
| 13 11 46 00-0002 | EA | Diving Stand, 3 M Galvanized Steel Swimming Pool Equipment | 24,530.65 | 2,147.23 |
| 13 11 46 00-0003 | EA | Diving Stand, 3 M Stainless Steel Swimming Pool Equipment | 20,819.54 | 2,147.23 |
| 13 11 46 00-0004 | EA | Diving Stand, 1 M Galvanized Steel Swimming Pool Equipment | 14,691.61 | 858.90 |
| 13 11 46 00-0005 | EA | Diving Stand, 1 M Stainless Steel Swimming Pool Equipment | 12,695.27 | 858.90 |
| 13 11 46 00-0006 | EA | Diving Stand, 1/2 M Galvanized Steel With Stainless Steel Rails | 5,391.44 | 398.53 |

**13 11 46 00-0007 Diving Boards** *(13 11 46)*

| | | | | |
|---|---|---|---|---|
| 13 11 46 00-0008 | EA | 14' Long, Aluminum Diving Boards | 4,345.40 | 317.79 |
| | | *For Wheel Adjuster, Add* | *106.76* | |
| 13 11 46 00-0009 | EA | 14' Long, Fiberglass Diving Boards | 2,015.92 | 317.79 |
| | | *For Wheel Adjuster, Add* | *106.76* | |
| 13 11 46 00-0010 | EA | 8' Long, Fiberglass Diving Board | 1,204.37 | 263.68 |
| | | *For Wheel Adjuster, Add* | *100.75* | |
| 13 11 46 00-0011 | EA | 10' Long, Fiberglass Diving Board | 1,512.41 | 281.72 |
| | | *For Wheel Adjuster, Add* | *102.74* | |
| 13 11 46 00-0012 | EA | 12' Long, Fiberglass Diving Board | 1,815.18 | 300.61 |
| | | *For Wheel Adjuster, Add* | *104.82* | |

**13 11 46 00-0013 Heavy Duty Ladders** *(13 11 46)*

| | | | | |
|---|---|---|---|---|
| 13 11 46 00-0014 | EA | Ladders, 2 Tread, Galvanized Steel Swimming Pool Equipment | 1,318.03 | 122.82 |
| 13 11 46 00-0015 | EA | Ladders, 2 Tread, Stainless Steel Swimming Pool Equipment | 1,471.15 | 122.82 |
| 13 11 46 00-0016 | EA | Ladders, 4 Tread, Galvanized Steel Swimming Pool Equipment | 1,512.17 | 141.72 |
| 13 11 46 00-0017 | EA | Ladders, 4 Tread, Stainless Steel Swimming Pool Equipment | 1,807.18 | 141.72 |

**13 11 46 00-0018 Lifeguard Chair** *(13 11 46)*

| | | | | |
|---|---|---|---|---|
| 13 11 46 00-0019 | EA | Lifeguard Chair, Galvanized Swimming Pool Equipment | 3,148.33 | 317.79 |
| 13 11 46 00-0020 | EA | Lifeguard Chair, Stainless Steel Swimming Pool Equipment | 3,333.96 | 317.79 |

**13 11 46 00-0021 Underwater Lights** *(13 11 46)*

| | | | | |
|---|---|---|---|---|
| 13 11 46 00-0022 | EA | Lights, Underwater, 12 Volt, With Transformer Swimming Pool Equipment | 447.91 | 137.74 |
| 13 11 46 00-0023 | EA | Lights, Underwater, 110 Volt, Swimming Pool Equipment | 439.99 | 137.74 |

**13 11 46 00-0024 Pool Covers** *(13 11 46)*

Note: Includes cover straps and tension springs.

| | | | | |
|---|---|---|---|---|
| 13 11 46 00-0025 | SF | Pool Covers, Reinforced Polyethylene | 11.68 | 4.81 |
| 13 11 46 00-0026 | SF | Pool Cover, Vinyl Water Tube | 11.27 | 4.81 |

**13 11 46 00-0027 Slides With Water Tube** *(13 11 46)*

| | | | | |
|---|---|---|---|---|
| 13 11 46 00-0028 | EA | Swim Pool Slide | 4,713.76 | 483.12 |

**13 11 46 00-0029 Curved Slides With Water Tube** *(13 11 46)*

| | | | | |
|---|---|---|---|---|
| 13 11 46 00-0030 | EA | 8 Ft Curved With Continuous Flowing Water | 2,954.33 | 657.31 |

### 13 12 Fountains *(13 10)*

#### 13 12 13 Exterior Fountains *(13 12)*

**13 12 13 00-0001 Fountains/Aerators** *(13 12 13)*

| | | | | |
|---|---|---|---|---|
| 13 12 13 00-0002 | EA | 1/2 HP Pump, Single Phase With 100' Cord | 2,340.90 | 169.06 |
| 13 12 13 00-0003 | EA | 3/4 HP Pump, Single Phase With 100' Cord | 2,587.04 | 172.78 |
| 13 12 13 00-0004 | EA | 1 HP Pump, Single Phase With 100' Cord | 2,621.12 | 176.96 |
| 13 12 13 00-0005 | EA | 1-1/2 HP Pump, Single Phase With 100' Cord | 2,750.02 | 181.14 |
| 13 12 13 00-0006 | EA | 2 HP Pump, Single Phase With 100' Cord | 2,880.02 | 185.79 |
| 13 12 13 00-0007 | EA | 5 HP Pump, Three Phase With 200' Cord | 6,159.72 | 190.43 |
| 13 12 13 00-0008 | EA | 7-1/2 HP Pump, Three Phase With 200' Cord | 7,048.78 | 195.53 |
| 13 12 13 00-0009 | EA | 10 HP Pump, Three Phase With 200' Cord | 7,819.44 | 200.65 |
| 13 12 13 00-0010 | EA | 15 HP Pump, Three Phase With 200' Cord | 9,893.68 | 206.22 |
| 13 12 13 00-0011 | EA | Aerator Nozzle | 730.93 | 92.89 |

## 13 30 Special Structures *(13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 13 34 Fabricated Engineered Structures *(13 30)*

### 13 34 16 Grandstands and Bleachers *(13 34)*

#### 13 34 16 13 Grandstands *(13 34 16)*

13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame *(13 34 16 13)*

13 34 16 13-0002 3 To 15 Tiers *(13 34 16 13-0001)*

13 34 16 13-0003 SEA 3-15 Tier Permanent Grandstand Price Per Seat ..... 73.55 7.69

13 34 16 13-0004 16 To 30 Tiers *(13 34 16 13-0001)*

13 34 16 13-0005 SEA 16-30 Tier Permanent Grandstand Price Per Seat ..... 112.46 8.65

### 13 34 19 Metal Building Systems *(13 34)*

Note: Includes material, delivery to site, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site.

13 34 19 00-0001 Pre-Engineered Metal Buildings *(13 34 19)*

Note: Free standing base buildings have a live load of 12 PSF and a wind load of 16.4 PSF (80 MPH). Includes anchoring and fasteners to concrete foundation. Includes design for foundation footings and piers. Includes a prime coated structural frame, painted steel wall panels 26 gauge, standing seam roof panels 26 gauge, roof 1 in 12 slope. Includes material, delivery to site, lifting equipment (crane) for erection, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site. Eave height is measured from the top of slab to the underside of the roof deck. Excludes foundations and slab. See CSI section 03 31 13 00-0001 for concrete slab, 03 31 13 00-0010 for concrete foundations, 13 34 19 00-0109 for metal building options.

13 34 19 00-0002 Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0003 20' To 30' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0002)*

13 34 19 00-0004 GSF 10' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding ..... 30.14 6.74

| | |
|---|---|
| *For 30' To 49' In Length Only, Add* | *3.53* |
| *For 50' To 69' In Length Only, Add* | *1.93* |
| *For 70' To 99' In Length Only, Add* | *0.79* |
| *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.90* |
| *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.51* |
| *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.26* |
| *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.94* |
| *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.62* |
| *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.73* |
| *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.23* |
| *For Single Slope Frame Roof, Add* | *2.21* |
| *For Each SF Of 24 Gauge Wall Panel, Add* | *0.90* |
| *For Each SF Of Lap Roof, Deduct* | *-0.76* |
| *For Each SF Of Hip Roof, Add* | *0.95* |
| *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* |

13 34 19 00-0005 GSF 12' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding ..... 32.10 7.41

| | |
|---|---|
| *For 30' To 49' In Length Only, Add* | *3.64* |
| *For 50' To 69' In Length Only, Add* | *1.98* |
| *For 70' To 99' In Length Only, Add* | *0.82* |
| *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.96* |
| *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.61* |
| *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.41* |
| *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.13* |
| *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.85* |
| *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.10* |
| *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.70* |
| *For Single Slope Frame Roof, Add* | *2.27* |
| *For Each SF Of 24 Gauge Wall Panel, Add* | *0.95* |
| *For Each SF Of Lap Roof, Deduct* | *-0.76* |
| *For Each SF Of Hip Roof, Add* | *1.03* |
| *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* |

13 34 19 00-0006 GSF 14' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding ..... 34.28 8.17

| | |
|---|---|
| *For 30' To 49' In Length Only, Add* | *3.74* |
| *For 50' To 69' In Length Only, Add* | *2.04* |
| *For 70' To 99' In Length Only, Add* | *0.84* |
| *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.03* |
| *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.71* |
| *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.57* |
| *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.34* |
| *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.11* |
| *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.51* |
| *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *8.23* |
| *For Single Slope Frame Roof, Add* | *2.34* |
| *For Each SF Of 24 Gauge Wall Panel, Add* | *1.01* |
| *For Each SF Of Lap Roof, Deduct* | *-0.76* |
| *For Each SF Of Hip Roof, Add* | *1.13* |
| *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0007 | GSF | 16' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 36.76 | 8.94 |
| | | *For 30' To 49' In Length Only, Add* | *3.91* | |
| | | *For 50' To 69' In Length Only, Add* | *2.14* | |
| | | *For 70' To 99' In Length Only, Add* | *0.88* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.10* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.84* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.76* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.58* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.41* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.98* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *8.82* | |
| | | *For Single Slope Frame Roof, Add* | *2.45* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.08* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.23* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0008 | GSF | 18' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 39.35 | 9.70 |
| | | *For 30' To 49' In Length Only, Add* | *4.11* | |
| | | *For 50' To 69' In Length Only, Add* | *2.24* | |
| | | *For 70' To 99' In Length Only, Add* | *0.93* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.18* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.97* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.95* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.84* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.72* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *7.48* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *9.44* | |
| | | *For Single Slope Frame Roof, Add* | *2.57* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.16* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.32* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0009 | GSF | 20' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 43.62 | 10.42 |
| | | *For 30' To 49' In Length Only, Add* | *4.74* | |
| | | *For 50' To 69' In Length Only, Add* | *2.59* | |
| | | *For 70' To 99' In Length Only, Add* | *1.07* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.31* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *2.18* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *3.27* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *4.25* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.23* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *8.29* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *10.47* | |
| | | *For Single Slope Frame Roof, Add* | *2.96* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.29* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.41* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0010 | GSF | 24' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 48.74 | 11.95 |
| | | *For 30' To 49' In Length Only, Add* | *5.16* | |
| | | *For 50' To 69' In Length Only, Add* | *2.82* | |
| | | *For 70' To 99' In Length Only, Add* | *1.16* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.46* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *2.44* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *3.66* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *4.75* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.85* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *9.26* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *11.70* | |
| | | *For Single Slope Frame Roof, Add* | *3.22* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.43* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.60* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

## 13 34 19 00-0011 >30' To 50' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings

*(13 34 19 00-0002)*

| | | | | |
|---|---|---|---|---|
| 13 34 19 00-0012 | GSF | 10' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 26.00 | 5.36 |
| | | *For 30' To 49' In Length Only, Add* | *3.30* | |
| | | *For 50' To 69' In Length Only, Add* | *1.80* | |
| | | *For 70' To 99' In Length Only, Add* | *0.74* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.78* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.30* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.95* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.54* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.12* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.94* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.24* | |
| | | *For Single Slope Frame Roof, Add* | *2.06* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.79* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.77* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0013 | GSF | 12' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 27.59 | 5.85 |
| | | *For 30' To 49' In Length Only, Add* | *3.39* | |
| | | *For 50' To 69' In Length Only, Add* | *1.85* | |
| | | *For 70' To 99' In Length Only, Add* | *0.76* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.83* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.38* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.07* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.69* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.31* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.24* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.62* | |
| | | *For Single Slope Frame Roof, Add* | *2.12* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.83* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.84* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0014 | GSF | 14' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 28.93 | 6.33 |
| | | *For 30' To 49' In Length Only, Add* | *3.47* | |
| | | *For 50' To 69' In Length Only, Add* | *1.89* | |
| | | *For 70' To 99' In Length Only, Add* | *0.78* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.87* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.45* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.17* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.82* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.47* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.50* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.94* | |
| | | *For Single Slope Frame Roof, Add* | *2.17* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.87* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.90* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0015 | GSF | 16' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 30.98 | 6.90 |
| | | *For 30' To 49' In Length Only, Add* | *3.65* | |
| | | *For 50' To 69' In Length Only, Add* | *1.99* | |
| | | *For 70' To 99' In Length Only, Add* | *0.82* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.93* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.55* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.32* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.02* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.72* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.89* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.44* | |
| | | *For Single Slope Frame Roof, Add* | *2.28* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.93* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.97* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0016 | GSF | 18' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 33.62 | 7.41 |
| | | *For 30' To 49' In Length Only, Add* | *4.00* | |
| | | *For 50' To 69' In Length Only, Add* | *2.18* | |
| | | *For 70' To 99' In Length Only, Add* | *0.90* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.01* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.68* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.52* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.28* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.03* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.39* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *8.07* | |
| | | *For Single Slope Frame Roof, Add* | *2.50* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.01* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.03* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0017 | GSF | 20' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 35.96 | 7.92 |
| | | *For 30' To 49' In Length Only, Add* | *4.25* | |
| | | *For 50' To 69' In Length Only, Add* | *2.32* | |
| | | *For 70' To 99' In Length Only, Add* | *0.96* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.08* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.80* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.70* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.51* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.32* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.83* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *8.63* | |
| | | *For Single Slope Frame Roof, Add* | *2.66* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.08* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.10* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0018 | GSF | 24' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 39.18 | 8.94 |
| | | *For 30' To 49' In Length Only, Add* | *4.49* | |
| | | *For 50' To 69' In Length Only, Add* | *2.45* | |
| | | *For 70' To 99' In Length Only, Add* | *1.01* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.18* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.96* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.94* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.82* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.70* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *7.44* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *9.40* | |
| | | *For Single Slope Frame Roof, Add* | *2.81* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.17* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.23* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0019 | | >50' To 100' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings<br>*(13 34 19 00-0002)* | | |
| 13 34 19 00-0020 | GSF | 10' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 20.55 | 3.73 |
| | | *For 30' To 49' In Length Only, Add* | *2.88* | |
| | | *For 50' To 69' In Length Only, Add* | *1.57* | |
| | | *For 70' To 99' In Length Only, Add* | *0.65* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.62* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.03* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.54* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.00* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.47* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.90* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.93* | |
| | | *For Single Slope Frame Roof, Add* | *1.80* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.63* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.57* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0021 | GSF | 12' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 21.36 | 3.92 |
| | | *For 30' To 49' In Length Only, Add* | *2.97* | |
| | | *For 50' To 69' In Length Only, Add* | *1.62* | |
| | | *For 70' To 99' In Length Only, Add* | *0.67* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.64* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.07* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.60* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.08* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.56* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.06* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.13* | |
| | | *For Single Slope Frame Roof, Add* | *1.86* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.66* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.59* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0022 | GSF | 14' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 22.16 | 4.10 |
| | | *For 30' To 49' In Length Only, Add* | *3.06* | |
| | | *For 50' To 69' In Length Only, Add* | *1.67* | |
| | | *For 70' To 99' In Length Only, Add* | *0.69* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.66* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.11* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.66* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.16* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.66* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.21* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.32* | |
| | | *For Single Slope Frame Roof, Add* | *1.91* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.68* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.62* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0023 | GSF | 16' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 24.36 | 4.75 |
| | | *For 30' To 49' In Length Only, Add* | *3.24* | |
| | | *For 50' To 69' In Length Only, Add* | *1.77* | |
| | | *For 70' To 99' In Length Only, Add* | *0.73* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.73* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.22* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.83* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.38* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.92* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.63* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.85* | |
| | | *For Single Slope Frame Roof, Add* | *2.02* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.74* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.70* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0024 | GSF | 18' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 26.07 | 5.29 |
| | | *For 30' To 49' In Length Only, Add* | *3.35* | |
| | | *For 50' To 69' In Length Only, Add* | *1.83* | |
| | | *For 70' To 99' In Length Only, Add* | *0.75* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.78* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.30* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.96* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.54* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.13* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.95* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.26* | |
| | | *For Single Slope Frame Roof, Add* | *2.09* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.79* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.77* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0025 | GSF | 20' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 27.66 | 5.83 |
| | | *For 30' To 49' In Length Only, Add* | *3.44* | |
| | | *For 50' To 69' In Length Only, Add* | *1.88* | |
| | | *For 70' To 99' In Length Only, Add* | *0.77* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.83* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.38* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.07* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.70* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.32* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.26* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.64* | |
| | | *For Single Slope Frame Roof, Add* | *2.15* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.83* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.83* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0026 | GSF | 24' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding | 30.78 | 6.59 |
| | | *For 30' To 49' In Length Only, Add* | *3.77* | |
| | | *For 50' To 69' In Length Only, Add* | *2.06* | |
| | | *For 70' To 99' In Length Only, Add* | *0.85* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.92* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.54* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.31* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.00* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.69* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.85* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.39* | |
| | | *For Single Slope Frame Roof, Add* | *2.35* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.93* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.93* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

13 34 19 00-0027 Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*
Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0028 20' To 30' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*

| | | | | |
|---|---|---|---|---|
| 13 34 19 00-0029 | GSF | 10' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 26.44 | 5.36 |
| | | *For 30' To 49' In Length Only, Add* | *3.40* | |
| | | *For 50' To 69' In Length Only, Add* | *1.86* | |
| | | *For 70' To 99' In Length Only, Add* | *0.77* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.79* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.32* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.98* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.58* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.17* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.02* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.35* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.80* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.77* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0030 | GSF | 12' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 28.35 | 5.85 |
| | | *For 30' To 49' In Length Only, Add* | *3.59* | |
| | | *For 50' To 69' In Length Only, Add* | *1.96* | |
| | | *For 70' To 99' In Length Only, Add* | *0.81* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.85* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.42* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.13* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.76* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.40* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.39* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.80* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.86* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.84* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0031 | GSF | 14' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 30.20 | 6.33 |
| | | *For 30' To 49' In Length Only, Add* | *3.77* | |
| | | *For 50' To 69' In Length Only, Add* | *2.06* | |
| | | *For 70' To 99' In Length Only, Add* | *0.85* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.91* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.51* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.27* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.94* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.62* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.74* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.25* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.91* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.90* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0032 | GSF | 16' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 32.67 | 6.90 |
| | | *For 30' To 49' In Length Only, Add* | *4.05* | |
| | | *For 50' To 69' In Length Only, Add* | *2.21* | |
| | | *For 70' To 99' In Length Only, Add* | *0.91* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.98* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.63* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.45* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.19* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.92* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.21* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.84* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.99* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.97* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0033 | GSF | 18' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 34.80 | 7.44 |
| | | *For 30' To 49' In Length Only, Add* | *4.27* | |
| | | *For 50' To 69' In Length Only, Add* | *2.33* | |
| | | *For 70' To 99' In Length Only, Add* | *0.96* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.04* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.74* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.61* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.39* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.18* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.61* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *8.35* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.05* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.04* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0034 | GSF | 20' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 36.90 | 7.97 |
| | | *For 30' To 49' In Length Only, Add* | *4.48* | |
| | | *For 50' To 69' In Length Only, Add* | *2.44* | |
| | | *For 70' To 99' In Length Only, Add* | *1.01* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.11* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.85* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.77* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.60* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.43* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *7.01* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *8.86* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.11* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.10* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0035 | GSF | 24' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 41.24 | 9.10 |
| | | *For 30' To 49' In Length Only, Add* | *4.90* | |
| | | *For 50' To 69' In Length Only, Add* | *2.68* | |
| | | *For 70' To 99' In Length Only, Add* | *1.10* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.24* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *2.06* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *3.09* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *4.02* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.95* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *7.84* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *9.90* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.24* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.24* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0036 | | >30' To 50' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)* | | |
| 13 34 19 00-0037 | GSF | 10' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 23.90 | 4.75 |
| | | *For 30' To 49' In Length Only, Add* | *3.12* | |
| | | *For 50' To 69' In Length Only, Add* | *1.71* | |
| | | *For 70' To 99' In Length Only, Add* | *0.70* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.72* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.20* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.79* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.33* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.87* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.54* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.74* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.73* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.70* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0038 | GSF | 12' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 25.43 | 5.19 |
| | | *For 30' To 49' In Length Only, Add* | *3.25* | |
| | | *For 50' To 69' In Length Only, Add* | *1.78* | |
| | | *For 70' To 99' In Length Only, Add* | *0.73* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.76* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.27* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.91* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.48* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.05* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.83* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.10* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.77* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.75* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0039 | GSF | 14' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 26.94 | 5.62 |
| | | *For 30' To 49' In Length Only, Add* | *3.38* | |
| | | *For 50' To 69' In Length Only, Add* | *1.84* | |
| | | *For 70' To 99' In Length Only, Add* | *0.76* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.81* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.35* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.02* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.63* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.23* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.12* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.47* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.81* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.81* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0040 | GSF | 16' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 28.62 | 6.03 |
| | | *For 30' To 49' In Length Only, Add* | *3.56* | |
| | | *For 50' To 69' In Length Only, Add* | *1.94* | |
| | | *For 70' To 99' In Length Only, Add* | *0.80* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.86* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.43* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.15* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.79* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.43* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.44* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.87* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.86* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.86* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0041 | GSF | 18' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 30.31 | 6.47 |
| | | *For 30' To 49' In Length Only, Add* | *3.72* | |
| | | *For 50' To 69' In Length Only, Add* | *2.03* | |
| | | *For 70' To 99' In Length Only, Add* | *0.84* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.91* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.52* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.27* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.96* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.64* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.76* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.27* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.91* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.91* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0042 | GSF | 20' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 31.98 | 6.90 |
| | | *For 30' To 49' In Length Only, Add* | *3.89* | |
| | | *For 50' To 69' In Length Only, Add* | *2.12* | |
| | | *For 70' To 99' In Length Only, Add* | *0.87* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.96* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.60* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.40* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.12* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.84* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.08* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.68* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.96* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.97* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0043 | GSF | 24' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 35.73 | 7.87 |
| | | *For 30' To 49' In Length Only, Add* | *4.25* | |
| | | *For 50' To 69' In Length Only, Add* | *2.32* | |
| | | *For 70' To 99' In Length Only, Add* | *0.96* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *1.07* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.79* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.68* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *3.48* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.29* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *6.79* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *8.58* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *1.07* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *1.09* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0044 | | >50' To 80' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)* | | |
| 13 34 19 00-0045 | GSF | 10' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 20.97 | 3.73 |
| | | *For 30' To 49' In Length Only, Add* | *2.98* | |
| | | *For 50' To 69' In Length Only, Add* | *1.63* | |
| | | *For 70' To 99' In Length Only, Add* | *0.67* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.63* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.05* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.57* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.04* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.52* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.98* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.03* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.65* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.57* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0046 | GSF | 12' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 22.07 | 3.99 |
| | | *For 30' To 49' In Length Only, Add* | *3.11* | |
| | | *For 50' To 69' In Length Only, Add* | *1.70* | |
| | | *For 70' To 99' In Length Only, Add* | *0.70* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.66* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.10* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.66* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.15* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.65* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.19* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.30* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.68* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.60* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0047 | GSF | 14' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 23.14 | 4.24 |
| | | *For 30' To 49' In Length Only, Add* | *3.22* | |
| | | *For 50' To 69' In Length Only, Add* | *1.76* | |
| | | *For 70' To 99' In Length Only, Add* | *0.73* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.69* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.16* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.74* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.26* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.78* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.40* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.55* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.71* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.63* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0048 | GSF | 16' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 24.31 | 4.49 |
| | | *For 30' To 49' In Length Only, Add* | *3.36* | |
| | | *For 50' To 69' In Length Only, Add* | *1.84* | |
| | | *For 70' To 99' In Length Only, Add* | *0.76* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.73* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.22* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.82* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.37* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.92* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.62* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.83* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.75* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.67* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0049 | GSF | 18' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 25.78 | 4.80 |
| | | *For 30' To 49' In Length Only, Add* | *3.55* | |
| | | *For 50' To 69' In Length Only, Add* | *1.94* | |
| | | *For 70' To 99' In Length Only, Add* | *0.80* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.77* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.29* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.93* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.51* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.09* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.90* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.19* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.79* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.70* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0050 | GSF | 20' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 27.14 | 5.06 |
| | | *For 30' To 49' In Length Only, Add* | *3.74* | |
| | | *For 50' To 69' In Length Only, Add* | *2.04* | |
| | | *For 70' To 99' In Length Only, Add* | *0.84* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.81* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.36* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.04* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.65* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.26* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.16* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.51* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.83* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.74* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0051 | GSF | 24' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding | 30.22 | 5.75 |
| | | *For 30' To 49' In Length Only, Add* | *4.10* | |
| | | *For 50' To 69' In Length Only, Add* | *2.24* | |
| | | *For 70' To 99' In Length Only, Add* | *0.92* | |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.91* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.51* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.27* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.95* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.63* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.74* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *7.25* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.93* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.82* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

13 34 19 00-0052 Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*
Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0053 Up To 60' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings
*(13 34 19 00-0052)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0054 | GSF | 14' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 21.69 | 4.40 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.65* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.08* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.63* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.11* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.60* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.12* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.21* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.66* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.65* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0055 | GSF | 16' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 23.15 | 4.70 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.69* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.16* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.74* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.26* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.78* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.40* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.56* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.70* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.69* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0056 | GSF | 18' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 24.29 | 4.96 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.73* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.21* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.82* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.37* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.91* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.62* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.83* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.74* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.72* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0057 | GSF | 20' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 25.42 | 5.21 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.76* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.27* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.91* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.48* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.05* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.83* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.10* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.77* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.75* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0058 | GSF | 24' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 27.53 | 5.66 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.83* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.38* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *2.06* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.68* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.30* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *5.23* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.61* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.83* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.81* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0059 | | >60' To 80' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)* | | |
| 13 34 19 00-0060 | GSF | 14' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 20.20 | 3.89 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.61* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.01* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.52* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.97* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.42* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.84* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.85* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.62* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.59* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0061 | GSF | 16' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 21.50 | 4.14 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.65* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.08* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.61* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.10* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.58* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.09* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.16* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.66* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.62* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0062 | GSF | 18' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 22.65 | 4.40 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.68* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.13* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.70* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.21* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.72* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.30* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.44* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.69* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.65* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0063 | GSF | 20' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 23.66 | 4.59 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.71* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.18* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.77* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.31* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.84* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.50* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.68* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.72* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.68* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0064 | GSF | 24' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 25.60 | 5.01 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.77* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.28* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.92* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.50* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.07* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.86* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *6.14* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.78* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.73* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

### 13 34 19 00-0065 >80' To 100' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*

| | | | | |
|---|---|---|---|---|
| 13 34 19 00-0066 | GSF | 14' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 18.82 | 3.43 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.56* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.94* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.41* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.83* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.26* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.58* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.52* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.58* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.53* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0067 | GSF | 16' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 19.74 | 3.58 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.59* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.99* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.48* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.92* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.37* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.75* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.74* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.61* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.55* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0068 | GSF | 18' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 20.77 | 3.78 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.62* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.04* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.56* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.03* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.49* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.95* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.98* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.64* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.58* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0069 | GSF | 20' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 21.66 | 3.93 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.65* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.08* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.62* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.11* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.60* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.12* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.20* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.67* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.60* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0070 | GSF | 24' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 23.44 | 4.30 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.70* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.17* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.76* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.29* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.81* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.45* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.63* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.72* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.64* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0071 | | >100' To 120' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)* | | |
| 13 34 19 00-0072 | GSF | 14' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 18.38 | 3.27 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.55* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.92* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.38* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.79* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.21* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.49* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.41* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.57* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.51* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0073 | GSF | 16' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 19.09 | 3.43 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.57* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.95* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.43* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.86* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.29* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.63* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.58* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.59* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.53* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0074 | GSF | 18' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 19.99 | 3.58 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.60* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.00* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.50* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.95* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.40* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.80* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.80* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.62* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.55* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0075 | GSF | 20' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 20.83 | 3.73 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.62* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.04* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.56* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.03* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.50* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.96* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.00* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.64* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.57* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0076 | GSF | 24' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding | 22.59 | 4.03 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.68* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.13* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.69* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.20* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.71* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.29* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.42* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.70* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.61* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0077 | | Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)* | | |
| | | Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof. | | |
| 13 34 19 00-0078 | | Up To 120' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0079 | GSF | 14' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 18.13 | 3.43 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.54* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.91* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.36* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.77* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.18* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.44* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.35* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.56* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.53* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0080 | GSF | 16' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 18.85 | 3.58 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.57* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.94* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.41* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.84* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.26* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.58* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.52* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.58* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.55* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0081 | GSF | 18' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 18.99 | 3.47 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.57* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.95* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.42* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.85* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.28* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.61* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.56* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.59* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.54* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0082 | GSF | 20' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 19.73 | 3.62 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.59* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.99* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.48* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.92* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.37* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.75* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.74* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.61* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.56* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0083 | GSF | 24' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 22.25 | 3.89 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.67* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.11* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.67* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.17* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.67* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.23* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.34* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.69* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.59* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0084 | | >120' To 150' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)* | | |
| 13 34 19 00-0085 | GSF | 14' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 17.18 | 3.12 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.52* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.86* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.29* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.68* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.06* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.26* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.12* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.53* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.49* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0086 | GSF | 16' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 17.76 | 3.22 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.53* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.89* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.33* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.73* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.13* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.37* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.26* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.55* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.50* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0087 | GSF | 18' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 18.43 | 3.35 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.55* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.92* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.38* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.80* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.21* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.50* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.42* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.57* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.52* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0088 | GSF | 20' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 19.10 | 3.47 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.57* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.96* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.43* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.86* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.29* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.63* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.58* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.59* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.54* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0089 | GSF | 24' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding | 21.60 | 3.73 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.65* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.08* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.62* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.11* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.59* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *4.10* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.18* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.67* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.57* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

## 13 34 19 00-0090 Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

## 13 34 19 00-0091 Up To 160' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*

| | | | | |
|---|---|---|---|---|
| 13 34 19 00-0092 | GSF | 14' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 16.52 | 2.96 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.50* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.83* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.24* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.61* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *1.98* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.14* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *3.96* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.51* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.47* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0093 | GSF | 16' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 17.22 | 3.06 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.52* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.86* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.29* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.68* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.07* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.27* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.13* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.53* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.49* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0094 | GSF | 18' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 17.80 | 3.17 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.53* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.89* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.34* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.74* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.14* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.38* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.27* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.55* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.50* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0095 | GSF | 20' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 18.35 | 3.27 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.55* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.92* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.38* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.79* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.20* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.49* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.40* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.57* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.51* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0096 | GSF | 24' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 20.85 | 3.58 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.63* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.04* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.56* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.03* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.50* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.96* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *5.00* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.65* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.55* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

## 13 34 19 00-0097 >160' To 180' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*

| | | | | |
|---|---|---|---|---|
| 13 34 19 00-0098 | GSF | 14' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 16.31 | 2.86 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.49* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.82* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.22* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.59* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *1.96* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.10* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *3.91* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.51* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.46* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0099 | GSF | 16' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 16.89 | 2.96 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.51* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.84* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.27* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.65* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.03* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.21* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.05* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.52* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.47* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0100 | GSF | 18' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 17.53 | 3.06 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.53* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.88* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.31* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.71* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.10* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.33* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.21* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.54* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.49* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0101 | GSF | 20' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 18.11 | 3.17 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.54* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.91* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.36* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.77* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.17* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.44* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.35* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.56* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.50* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0102 | GSF | 24' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 20.49 | 3.43 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.61* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.02* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.54* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *2.00* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.46* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.89* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.92* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.64* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.53* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0103 | | >180' To 200' Wide Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0090)* | | |
| 13 34 19 00-0104 | GSF | 14' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 16.14 | 2.75 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.48* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.81* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.21* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.57* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *1.94* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.07* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *3.87* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.50* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.45* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0105 | GSF | 16' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 16.60 | 2.86 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.50* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.83* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.25* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.62* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *1.99* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.15* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *3.98* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.52* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.46* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0106 | GSF | 18' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 17.25 | 2.96 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.52* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.86* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.29* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.68* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.07* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.28* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.14* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.54* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.47* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0107 | GSF | 20' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 17.88 | 3.06 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.54* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *0.89* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.34* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.74* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.15* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.40* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.29* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.56* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.49* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0108 | GSF | 24' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding | 20.28 | 3.33 |
| | | *For >1 In 12 Slope To 3 In 12 Slope, Add* | *0.61* | |
| | | *For >3 In 12 Slope To 5 In 12 Slope, Add* | *1.01* | |
| | | *For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add* | *1.52* | |
| | | *For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add* | *1.98* | |
| | | *For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *2.43* | |
| | | *For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add* | *3.85* | |
| | | *For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add* | *4.87* | |
| | | *For Each SF Of 24 Gauge Wall Panel, Add* | *0.63* | |
| | | *For Each SF Of Lap Roof, Deduct* | *-0.76* | |
| | | *For Each SF Of Hip Roof, Add* | *0.52* | |
| | | *For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)* | *-1.97* | |
| 13 34 19 00-0109 | | Metal Building Options *(13 34 19 00-0001)*<br>Note: For use with metal buildings only. See CSI section 08 12 13 13-0000 for metal door frames, 08 13 13 13-0000 for metal doors, 08 33 23 00-0000 for coiling roll-up doors, 08 36 13 00-0000 for sectional doors, 08 51 13 00-0065 for sliding windows, 08 71 11 00-0000 for door hardware. | | |
| 13 34 19 00-0110 | | Metal Framing For Rough Openings *(13 34 19 00-0109)*<br>Note: Excludes doors See CSI section 08 13 00 00-0000 for metal doors, 08 14 00 00-0000 for wood doors, 08 33 23 00-0000 for overhead coiling doors. | | |
| 13 34 19 00-0111 | EA | Single Door, Metal Frame Rough Opening | 555.66 | 114.46 |
| 13 34 19 00-0112 | EA | Double Door, Metal Frame Rough Opening | 864.50 | 148.18 |
| 13 34 19 00-0113 | EA | 10' x 10' Overhead Door, Metal Frame Rough Opening | 1,060.17 | 140.52 |
| 13 34 19 00-0114 | EA | 12' x 12' Overhead Door, Metal Frame Rough Opening | 1,150.45 | 143.08 |
| 13 34 19 00-0115 | EA | 14' x 14' Overhead Door, Metal Frame Rough Opening | 1,225.16 | 148.18 |
| 13 34 19 00-0116 | EA | Up To 12 SF, Window Opening, Metal Frame Rough Opening | 530.52 | 114.46 |
| 13 34 19 00-0117 | EA | >12 To 18 SF, Window Opening, Metal Frame Rough Opening | 594.39 | 130.09 |
| 13 34 19 00-0118 | LF | Additional Girts | 12.02 | |
| 13 34 19 00-0119 | | Wall Panel Options For Metal Buildings *(13 34 19 00-0109)*<br>Note: Upgrade from 26 gauge wall panels. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0120 | SF | Upgrade To 2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile<br>Note: 24 gauge exterior and 24 gauge interior panels. | 12.78 | |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 13 34 19 00-0121 | SF | Upgrade To 2-1/2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile<br>Note: 24 gauge exterior and 24 gauge interior panels. | 15.34 | |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 13 34 19 00-0122 | SF | Upgrade To 3" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile<br>Note: 24 gauge exterior and 24 gauge interior panels. | 17.64 | |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 13 34 19 00-0123 | SF | Upgrade To 4" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile<br>Note: 24 gauge exterior and 24 gauge interior panels. | 20.25 | |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| **13 34 19 00-0124** | | **Roofing Options For Metal Buildings** *(13 34 19 00-0109)*<br>Note: Upgrade from 26 gauge standing seam roof panels. | | |
| 13 34 19 00-0125 | SF | Upgrade To 24 Gauge Galvanized Steel Standing Seam Roof | 1.33 | |
| 13 34 19 00-0126 | SF | Upgrade To 4" Thick Insulated Roof Panel, Metal-Span III, CFR-42<br>Note: 24 gauge exterior and 24 gauge interior panels. | 21.85 | |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 13 34 19 00-0127 | SF | Upgrade To 5" Thick Insulated Roof Panel, Metal-Span III, CFR-42<br>Note: 24 gauge exterior and 24 gauge interior panels. | 23.21 | |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 13 34 19 00-0128 | SF | Upgrade To 6" Thick Insulated Roof Panel, Metal-Span III, CFR-42<br>Note: 24 gauge exterior and 24 gauge interior panels. | 24.32 | |
| | | *For AZ-50 Aluminum-Zinc Coated Exterior, Add* | *0.24* | |
| | | *For Premium Exterior Colors, Add* | *0.12* | |
| 13 34 19 00-0129 | EA | 3' x 10' Translucent Fiberglass Panels | 156.87 | 43.94 |
| 13 34 19 00-0130 | LF | Vented Ridge Vent For Standing Seam Roof | 19.06 | |
| **13 34 19 00-0131** | | **Insulation For Metal Buildings** *(13 34 19 00-0109)* | | |
| 13 34 19 00-0132 | SF | 1-1/2" Thick, R-5.5, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation | 1.08 | 0.31 |
| 13 34 19 00-0133 | SF | 2-1/2" Thick, R-8, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation | 1.20 | 0.31 |
| 13 34 19 00-0134 | SF | 3-1/2" Thick, R-11, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation | 1.36 | 0.41 |
| 13 34 19 00-0135 | SF | 3-1/2" Thick, R-13, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation | 1.56 | 0.41 |
| 13 34 19 00-0136 | SF | 6" Thick, R-19, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation | 1.94 | 0.41 |
| 13 34 19 00-0137 | SF | 1-1/2" Thick, R-5.5, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation | 1.30 | 0.31 |
| 13 34 19 00-0138 | SF | 2-1/2" Thick, R-8, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation | 1.42 | 0.31 |
| 13 34 19 00-0139 | SF | 3-1/2" Thick, R-11, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation | 1.54 | 0.41 |
| 13 34 19 00-0140 | SF | 3-1/2" Thick, R-13, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation | 1.70 | 0.41 |
| 13 34 19 00-0141 | SF | 6" Thick, R-19, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation | 2.00 | 0.41 |
| 13 34 19 00-0142 | SF | 1-1/2" Thick, R-5.5, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation | 1.24 | 0.31 |
| 13 34 19 00-0143 | SF | 2-1/2" Thick, R-8, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation | 1.38 | 0.31 |
| 13 34 19 00-0144 | SF | 3-1/2" Thick, R-11, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation | 1.63 | 0.41 |
| 13 34 19 00-0145 | SF | 3-1/2" Thick, R-13, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation | 1.79 | 0.41 |
| 13 34 19 00-0146 | SF | 6" Thick, R-19, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation | 2.07 | 0.41 |
| 13 34 19 00-0147 | SF | 2" Thick, R-6.5, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation | 1.16 | 0.31 |
| 13 34 19 00-0148 | SF | 3" Thick, R-10, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation | 1.23 | 0.31 |
| 13 34 19 00-0149 | SF | 4" Thick, R-13, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation | 1.38 | 0.41 |
| 13 34 19 00-0150 | SF | 6" Thick, R-19, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation | 1.70 | 0.41 |
| 13 34 19 00-0151 | SF | 2" Thick, R-6.5, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation | 1.16 | 0.31 |
| 13 34 19 00-0152 | SF | 3" Thick, R-10, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation | 1.24 | 0.31 |
| 13 34 19 00-0153 | SF | 4" Thick, R-13, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation | 1.40 | 0.41 |
| 13 34 19 00-0154 | SF | 6" Thick, R-19, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation | 1.74 | 0.41 |
| 13 34 19 00-0155 | SF | 2" Thick, R-6.5, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation | 1.53 | 0.31 |
| 13 34 19 00-0156 | SF | 3" Thick, R-10, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation | 1.64 | 0.31 |
| 13 34 19 00-0157 | SF | 4" Thick, R-13, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation | 1.80 | 0.41 |
| 13 34 19 00-0158 | SF | 6" Thick, R-19, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation | 2.13 | 0.41 |
| **13 34 19 00-0159** | | **Eave And Overhang Options For Metal Buildings** *(13 34 19 00-0109)* | | |
| 13 34 19 00-0160 | LF | 2' End Wall Roof Overhang And 26 Gauge Soffit | 39.35 | 7.97 |
| 13 34 19 00-0161 | LF | 4' End Wall Roof Overhang And 26 Gauge Soffit | 59.55 | 5.73 |
| 13 34 19 00-0162 | SF | Up To 20 SF, Prefinished Aluminum, Wall Hung Canopy<br>Note: Up to 7' projection from wall. Includes finished underside and edges. | 80.61 | 12.78 |
| | | *For End Braced (Up To 16' Wall Projection), Add* | *18.88* | |
| | | *For Overhead Braced (Up To 10' Wall Projection), Add* | *10.81* | |
| 13 34 19 00-0163 | SF | >20 To 50 SF, Prefinished Aluminum, Wall Hung Canopy<br>Note: Up to 7' projection from wall. Includes finished underside and edges. | 67.34 | 10.73 |
| | | *For End Braced (Up To 16' Wall Projection), Add* | *15.76* | |
| | | *For Overhead Braced (Up To 10' Wall Projection), Add* | *9.03* | |
| 13 34 19 00-0164 | SF | >50 SF, Prefinished Aluminum, Wall Hung Canopy<br>Note: Up to 7' projection from wall. Includes finished underside and edges. | 51.07 | 9.20 |
| | | *For End Braced (Up To 16' Wall Projection), Add* | *11.85* | |
| | | *For Overhead Braced (Up To 10' Wall Projection), Add* | *6.74* | |
| 13 34 19 00-0165 | SF | Up To 50 SF, Prefinished Aluminum, Free Standing Canopy<br>Note: Includes finished underside and edges. | 98.35 | 19.42 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 34 19 00-0166 | SF | >50 SF, Prefinished Aluminum, Free Standing Canopy<br>Note: Includes finished underside and edges. | 66.11 | 11.75 |
| 13 34 19 00-0167 | LF | 1' Standard Eave Overhang Without Soffit | 36.90 | |
| 13 34 19 00-0168 | LF | 2' Standard Eave Overhang Without Soffit | 46.18 | |
| 13 34 19 00-0169 | LF | 3' Standard Eave Overhang Without Soffit | 55.66 | |
| 13 34 19 00-0170 | LF | 4' Standard Eave Overhang Without Soffit | 65.03 | |
| 13 34 19 00-0171 | LF | 6' Standard Eave Overhang Without Soffit | 83.40 | |
| 13 34 19 00-0172 | LF | 1' Standard Eave Overhang And 26 Gauge Soffit | 49.22 | |
| | | *For 24 Gauge, Add* | *5.42* | |
| 13 34 19 00-0173 | LF | 2' Standard Eave Overhang And 26 Gauge Soffit | 61.53 | |
| | | *For 24 Gauge, Add* | *6.84* | |
| 13 34 19 00-0174 | LF | 3' Standard Eave Overhang And 26 Gauge Soffit | 74.02 | |
| | | *For 24 Gauge, Add* | *8.19* | |
| 13 34 19 00-0175 | LF | 4' Standard Eave Overhang And 26 Gauge Soffit | 86.52 | |
| | | *For 24 Gauge, Add* | *9.55* | |
| 13 34 19 00-0176 | LF | 6' Standard Eave Overhang And 26 Gauge Soffit | 110.61 | |
| | | *For 24 Gauge, Add* | *12.30* | |

### 13 34 19 00-0177 Louvers And Vents For Metal Buildings *(13 34 19 00-0109)*

| | | | | |
|---|---|---|---|---|
| 13 34 19 00-0178 | EA | 4' x 3' Fixed Louver | 614.27 | 159.42 |
| 13 34 19 00-0179 | EA | 12" Rotary Vent With Damper | 372.37 | 102.20 |
| 13 34 19 00-0180 | EA | 20" Rotary Vent With Damper | 660.77 | 136.44 |
| 13 34 19 00-0181 | EA | 24" Rotary Vent With Damper | 878.20 | 153.29 |
| 13 34 19 00-0182 | EA | Gravity Ridge Ventilator With Birdscreen, 9" Throat x 10' | 1,003.73 | 204.39 |
| 13 34 19 00-0183 | EA | Gravity Ridge Ventilator With Birdscreen, 12" Throat x 10' | 1,071.44 | 204.39 |
| 13 34 19 00-0184 | EA | Ridge Ventilator - 9" Throat X 10 Ft, Manually Operated Damper With Birdscreen | 1,248.70 | 204.39 |
| 13 34 19 00-0185 | EA | Ridge Ventilator - 12" Throat X 10 Ft, Manually Operated Damper With Birdscreen | 1,365.35 | 204.39 |
| 13 34 19 00-0186 | EA | Ridge Ventilator - 15" Throat X 10 Ft, Manually Operated Damper With Birdscreen | 1,493.67 | 204.39 |
| 13 34 19 00-0187 | EA | Ridge Ventilator - 18" Throat X 10 Ft, Manually Operated Damper With Birdscreen | 1,621.99 | 204.39 |
| 13 34 19 00-0188 | EA | Ridge Ventilator - 9" Throat X 10 Ft, Motor Operated Damper With Birdscreen | 2,132.48 | 255.49 |
| 13 34 19 00-0189 | EA | Ridge Ventilator - 12" Throat X 10 Ft, Motor Operated Damper With Birdscreen | 2,342.46 | 255.49 |

### 13 34 19 00-0190 Gutters And Downspouts For Metal Buildings *(13 34 19 00-0109)*

| | | | | |
|---|---|---|---|---|
| 13 34 19 00-0191 | LF | Pre-Engineered Standard Type Gutter, Painted | 11.65 | 2.56 |
| | | *For Galvanized Instead Of Painted, Deduct* | *-1.64* | |
| 13 34 19 00-0192 | LF | Pre-Engineered Standard Type Downspout, Painted | 9.76 | 3.58 |
| | | *For Galvanized Instead Of Painted, Deduct* | *-0.65* | |

## 13 34 23 Fabricated Structures *(13 34)*

### 13 34 23 13 Portable and Mobile Buildings *(13 34 23)*

### 13 34 23 13-0001 Temporary Trailers 1 To 6 Years Life *(13 34 23 13)*

Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.

| | | | | |
|---|---|---|---|---|
| 13 34 23 13-0002 | SF | Single Trailer Up To 14' x 73' | 59.04 | |
| | | *For Each Delivery And Set-Up (Block And Level), Add* | *1,263.41* | |
| | | *For Each Knock-Down And Pick-Up, Add* | *983.41* | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *110.00* | |
| 13 34 23 13-0003 | SF | Modular Trailers, Connected | 82.65 | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *110.00* | |
| | | *For Each Delivery And Set-Up (Block And Level), Add* | *2,744.11* | |
| | | *For Each Knock-Down And Pick-Up, Add* | *2,094.11* | |
| 13 34 23 13-0004 | EA | Add Per Additional Exterior Door With Frame And Hardware | 885.55 | |

### 13 34 23 13-0005 Accessories *(13 34 23 13)*

### 13 34 23 13-0006 Skirting *(13 34 23 13-0005)*

Note: Includes 2" x 4" wood framing 16" on center.

### 13 34 23 13-0007 Vinyl Covered, Exterior Only *(13 34 23 13-0006)*

| | | | | |
|---|---|---|---|---|
| 13 34 23 13-0008 | SF | 1'-8" High Vinyl Covered Skirt | 4.26 | 1.48 |
| 13 34 23 13-0009 | SF | 3' High Vinyl Covered Skirt | 6.16 | 2.45 |

### 13 34 23 13-0010 Fiberglass, Exterior Only *(13 34 23 13-0006)*

| | | | | |
|---|---|---|---|---|
| 13 34 23 13-0011 | SF | 1'-8" High Fiberglass Skirt | 7.27 | 2.80 |
| 13 34 23 13-0012 | SF | 3' High Fiberglass Skirt | 8.43 | 3.40 |

### 13 34 23 13-0013 Plywood, Exterior Only *(13 34 23 13-0006)*

| | | | | |
|---|---|---|---|---|
| 13 34 23 13-0014 | SF | 1'-8" High 5/8" Plywood Skirt | 7.19 | 2.97 |
| 13 34 23 13-0015 | SF | 3' High 5/8" Plywood Skirt | 8.50 | 3.58 |

### 13 34 23 13-0016 Steel, Painted, Exterior Only *(13 34 23 13-0006)*

| | | | | |
|---|---|---|---|---|
| 13 34 23 13-0017 | SF | 1'-8" High 26 Gauge Steel Skirt | 8.42 | 2.80 |
| 13 34 23 13-0018 | SF | 3' High 26 Gauge Steel Skirt | 9.72 | 3.40 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **13 34 23 13-0019** | | **14" x 14" Access Hatch** *(13 34 23 13-0005)* | | |
| | | Note: Simple design. | | |
| 13 34 23 13-0020 | EA | 14" x 14" Vinyl Covered Access Hatch | 213.07 | 65.54 |
| 13 34 23 13-0021 | EA | 14" x 14" Fiberglass Access Hatch | 171.22 | 65.54 |
| 13 34 23 13-0022 | EA | 14" x 14" Plywood Access Hatch | 211.40 | 65.54 |
| 13 34 23 13-0023 | EA | 14" x 14" 26 Gauge Steel Access Hatch | 212.77 | 65.54 |
| **13 34 23 13-0024** | | **Aluminum Modular Access Ramp** *(13 34 23 13-0005)* | | |
| | | Note: Includes picketed guardrails, inside grabrails, legs and hardware. | | |
| 13 34 23 13-0025 | EA | 72" Long x 52-1/4" Wide Ramp Section, Aluminum Modular Access Ramp | 3,202.64 | 21.81 |
| 13 34 23 13-0026 | EA | 60-1/4" Long x 61-3/4" Wide Door Landing Section, Aluminum Modular Access Ramp | 3,228.82 | 28.36 |
| 13 34 23 13-0027 | EA | 60-1/4" Long x 123-1/2" Wide Switchback Landing Section, Aluminum Modular Access Ramp | 6,662.06 | 43.63 |
| 13 34 23 13-0028 | EA | 110-3/4" Long x 72" Wide Switchback Landing Section, Aluminum Modular Access Ramp | 7,182.10 | 43.63 |
| 13 34 23 13-0029 | EA | 60-1/4" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp | 3,358.83 | 28.36 |
| 13 34 23 13-0030 | EA | 71-3/4" Long x 52-1/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp | 3,332.65 | 21.81 |
| 13 34 23 13-0031 | EA | 84-1/2" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp | 4,655.69 | 28.36 |
| 13 34 23 13-0032 | EA | 30" High x 82" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp | 3,295.45 | 28.36 |
| 13 34 23 13-0033 | EA | 35" High x 96" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp | 3,295.45 | 28.36 |
| 13 34 23 13-0034 | EA | 42" High x 110" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp | 3,755.37 | 28.36 |
| 13 34 23 13-0035 | EA | 49" High x 124" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp | 4,212.03 | 28.36 |
| **13 34 23 13-0036** | | **Relocate Portable And Mobile Trailer** *(13 34 23 13)* | | |
| | | Note: Excludes anchors, skirting, steps, ramps, utility hook-ups and foundation. See CSI section 01 22 16 00-0002 for reimbursable permit fees, 13 34 23 13-0006 for skirting, 26 05 46 00-0060 for anchors. | | |
| 13 34 23 13-0037 | EA | Prepare, Up To 12' Wide, Single Trailer For Transposrtation<br>Note: Includes securing interior, mounting tires, and mounting trailer hitch | 695.84 | |
| 13 34 23 13-0038 | EA | Separate, 24' Wide Double Trailer And Prepare For Transposrtation<br>Note: Includes separating trailers, securing interior, installing plastic and boards to open side of each (2) trailers, mounting tires, and mounting trailer hitch. | 4,017.21 | |
| 13 34 23 13-0039 | EA | Remove Blocking From 8' Wide x Up To 35' Long Trailer<br>Note: Per trailer | 306.17 | |
| 13 34 23 13-0040 | EA | Remove Blocking From 10' Wide x 40' To 50' Long Trailer<br>Note: Per trailer | 389.68 | |
| 13 34 23 13-0041 | EA | Remove Blocking From 12' Wide x 45' To 60' Long Trailer<br>Note: Per trailer | 473.17 | |
| 13 34 23 13-0042 | EA | Remove Blocking From 24' Wide x 45' To 60' Long Trailer<br>Note: Per trailer | 946.35 | |
| 13 34 23 13-0043 | MI | Transportation And Delivery Of Trailer | 14.77 | |
| 13 34 23 13-0044 | EA | Re-connect 24' Wide Double Trailer<br>Note: Includes removal of temporay plastic and boards, caulking, installtion of flooring, ceiling and roofing seams. Excludes blocking and leveling. See CSI section 13 34 23 13-0047 for blocking and leveling of each section. | 6,977.52 | |
| 13 34 23 13-0045 | EA | Set-Up (Block And Level) Trailer, 8' Wide x Up To 35' Long<br>Note: Per trailer | 382.72 | |
| 13 34 23 13-0046 | EA | Set-Up (Block And Level) Trailer, 10' Wide x 40' To 50' Long<br>Note: Per trailer | 487.09 | |
| 13 34 23 13-0047 | EA | Set-Up (Block And Level) Trailer, 12' Wide x 45' To 60' Long<br>Note: Per trailer | 591.46 | |
| 13 34 23 13-0048 | EA | Set-Up (Block And Level) Trailer, 24' Wide x 45' To 60' Long<br>Note: Per trailer | 1,182.93 | |
| 13 34 23 13-0049 | EA | Connection Straps To Anchor<br>Note: Includes straps per each anchor See CSI section 26 05 46 00-0060 for anchors. | 17.40 | |
| **13 34 23 13-0050** | | **Prefabricated Signal, Communication Or Electrical Building** *(13 34 23 13)* | | |
| | | Note: Complete, includes door, roof, lights and wiring, insulation, painted. | | |
| 13 34 23 13-0051 | SF | 15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building | 541.02 | |
| 13 34 23 13-0052 | SF | 30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building | 464.03 | |
| 13 34 23 13-0053 | SF | 50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building | 371.39 | |
| 13 34 23 13-0054 | SF | 80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building | 293.87 | |
| 13 34 23 13-0055 | SF | 100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building | 262.69 | |
| **13 34 23 14** | | **Fabricated Classroom Buildings** *(13 34 23)* | | |
| **13 34 23 14-0001** | | **Semi Permanent Modular Transportable Buildings** *(13 34 23 14)* | | |
| 13 34 23 14-0002 | SF | Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom | 87.97 | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *110.00* | |
| | | *For Each Delivery And Set-Up (Block And Level), Add* | *2,744.11* | |
| | | *For Each Knock-Down And Pick-Up, Add* | *2,094.11* | |
| 13 34 23 14-0003 | SF | Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room | 90.57 | |
| | | *For Each Anchoring Into Asphalt Or Concrete, Add* | *110.00* | |
| | | *For Each Delivery And Set-Up (Block And Level), Add* | *2,744.11* | |
| | | *For Each Knock-Down And Pick-Up, Add* | *2,094.11* | |
| **13 34 23 16** | | **Fabricated Control Booths** *(13 34 23)* | | |
| **13 34 23 16-0001** | | **Fabricated Parking Attendant Booths** *(13 34 23 16)* | | |
| | | Note: Excludes foundations and slab. | | |
| 13 34 23 16-0002 | EA | Parking Booth For Attendant | 1,328.98 | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **13 34 23 31** | | **Fabricated Pavilion Style Buildings** *(13 34 23)* | | |
| 13 34 23 31-0001 | | Pavilion Style Metal Shelter Structures *(13 34 23 31)* | | |
| | | Note: Prefabricated open structure system, complete with all necessary hardware. Hip roof, steel structural rafters and columns, urethane/polyester (TGIC) powder finish, aluminum roof decking, 8' height at perimeter. Excludes foundations and slab. Americana or equal. | | |
| 13 34 23 31-0002 | EA | 12' x 12' Pavilion Style Metal Shelter Structure | 10,587.17 | 1,959.69 |
| 13 34 23 31-0003 | EA | 16' x 16' Pavilion Style Metal Shelter Structure | 12,462.72 | 2,044.92 |
| 13 34 23 31-0004 | EA | 16' x 32' Pavilion Style Metal Shelter Structure | 15,945.51 | 2,181.26 |
| 13 34 23 31-0005 | EA | 20' x 20' Pavilion Style Metal Shelter Structure | 14,969.94 | 2,113.08 |
| 13 34 23 31-0006 | EA | 20' x 30' Pavilion Style Metal Shelter Structure | 18,554.42 | 2,317.58 |
| 13 34 23 31-0007 | EA | 20' x 40' Pavilion Style Metal Shelter Structure | 22,153.74 | 2,385.75 |
| 13 34 23 31-0008 | EA | 24' x 24' Pavilion Style Metal Shelter Structure | 18,349.58 | 2,181.26 |
| 13 34 23 31-0009 | EA | 24' x 48' Pavilion Style Metal Shelter Structure | 25,943.00 | 2,726.56 |
| 13 34 23 31-0010 | EA | 30' x 30' Pavilion Style Metal Shelter Structure | 24,927.38 | 2,726.56 |
| 13 34 23 31-0011 | EA | 30' x 60' Pavilion Style Metal Shelter Structure | 49,825.49 | 3,408.20 |
| 13 34 23 31-0012 | EA | 40' x 40' Pavilion Style Metal Shelter Structure | 45,983.67 | 4,259.49 |
| 13 34 23 31-0013 | EA | 40' x 60' Pavilion Style Metal Shelter Structure | 66,774.65 | 4,771.49 |

# 13 40 Integrated Construction *(13)*

## 13 42 Building Modules *(13 40)*

### 13 42 63 Detention Cell Modules *(13 42)*

#### 13 42 63 16 Steel Detention Cell Modules *(13 42 63)*

| | | | | |
|---|---|---|---|---|
| 13 42 63 16-0001 | EA | Cells, Prefabricated, 5'-6' Wide, 7'-8' High, Bar Front, Cot<br>Note: Not including plumbing. | 25,297.31 | 1,102.31 |
| 13 42 63 16-0002 | SF | Temporary Holding Cell, 1/4" Woven Rod Panels On 2" Centers<br>Note: Includes 12 gauge steel frame and concealment plates. | 108.16 | 7.80 |
| 13 42 63 16-0003 | EA | Bar Front, Rolling, 7/8" Bars, 4" On Center, 7' High, 5' Wide<br>Note: With hardware. | 21,753.33 | 823.22 |
| 13 42 63 16-0004 | SF | Solid Security Ceiling, 14 Gauge Formed Steel Channels<br>Note: 20" wide, 14 gauge galvannealed steel face sheet, 10 gauge steel wall angle, backed polyester powder finish. | 81.65 | 7.80 |
| 13 42 63 16-0005 | SF | Perforated Metal Crime Shield | 77.69 | 3.23 |

## 13 47 Facility Protection *(13 40)*

### 13 47 13 Cathodic Protection *(13 47)*

#### 13 47 13 13 Cathodic Protection for Underground and Submerged Piping *(13 47 13)*

13 47 13 13-0001 Anodes *(13 47 13 13)*

13 47 13 13-0002 Magnesium Type, Conventional *(13 47 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 13 47 13 13-0003 | EA | 9 LB Magnesium Type Anodes | 365.18 | 160.27 |
| 13 47 13 13-0004 | EA | 17 LB Magnesium Type Anodes | 541.40 | 231.66 |
| 13 47 13 13-0005 | EA | 32 LB Magnesium Type Anode | 737.96 | 298.02 |
| 13 47 13 13-0006 | EA | 48 LB Magnesium Type Anode | 1,050.31 | 416.98 |

13 47 13 13-0007 Graphite Type *(13 47 13 13-0001)*

Note: Includes epoxy cap.

| | | | | |
|---|---|---|---|---|
| 13 47 13 13-0008 | EA | 3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap | 541.29 | 223.07 |
| 13 47 13 13-0009 | EA | 4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap | 842.84 | 311.50 |
| 13 47 13 13-0010 | EA | 6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap | 633.57 | 194.94 |
| 13 47 13 13-0011 | EA | 6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap | 970.29 | 260.26 |

13 47 13 13-0012 Rectifiers *(13 47 13 13)*

13 47 13 13-0013 Air Cooled, Silicon Type *(13 47 13 13-0012)*

| | | | | |
|---|---|---|---|---|
| 13 47 13 13-0014 | EA | Air Cooled Rectifiers, 28 Volt, 10 Amperes, Silicon Type | 1,888.67 | 316.78 |
| 13 47 13 13-0015 | EA | Air Cooled Rectifiers, 20 Volt / 20 Amperes, Silicon Type | 2,045.27 | 316.78 |

13 47 13 13-0016 Oil Immersed, Silicon Type *(13 47 13 13-0012)*

| | | | | |
|---|---|---|---|---|
| 13 47 13 13-0017 | EA | Oil Immersed Rectifiers, 28 Volt, 10 Amperes, Silicon Type | 2,856.71 | 366.27 |
| 13 47 13 13-0018 | EA | Oil Immersed Rectifiers, 20 Volt / 20 Amperes, Silicon Type | 3,024.49 | 366.27 |

13 47 13 13-0019 Anode Backfill *(13 47 13 13)*

| | | | | |
|---|---|---|---|---|
| 13 47 13 13-0020 | LB | Anode Backfill, Coke Breeze | 1.05 | 0.40 |

13 47 13 13-0021 Cathodic Protection Cable *(13 47 13 13)*

| | | | | |
|---|---|---|---|---|
| 13 47 13 13-0022 | MLF | Cathodic Protection Cable, OR2 - No 8 | 1,998.10 | 779.76 |
| 13 47 13 13-0023 | MLF | Cathodic Protection Cable, OR2 - No 6 | 2,192.44 | 779.76 |
| 13 47 13 13-0024 | MLF | Cathodic Protection Cable, OR2 - No 4 | 2,483.93 | 779.76 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 13 47 13 13-0025 | MLF | Cathodic Protection Cable, OR2 - No 2 | 2,969.76 | 779.76 |
| 13 47 13 13-0026 | MLF | Cathodic Protection Cable, OR2 - No 1 | 3,658.54 | 859.14 |
| 13 47 13 13-0027 | MLF | Cathodic Protection Cable, OR2-No 1/0 | 4,022.91 | 859.14 |
| 13 47 13 13-0028 | MLF | Cathodic Protection Cable, OR2-No 2/0 | 4,630.19 | 859.14 |
| 13 47 13 13-0029 | MLF | Cathodic Protection Cable, OR2-No 4/0 | 6,241.74 | 936.52 |

13 47 13 13-0030 Cathodic Test Stations *(13 47 13 13)*

13 47 13 13-0031 Flush Curb Box Type With Lockable Cover And Terminal Box *(13 47 13 13-0030)*

| | | | | |
|---|---|---|---|---|
| 13 47 13 13-0032 | EA | Cathodic Test Station, Flush Curb Type With Lockable Cover | 277.85 | 91.29 |

### 13 47 13 16 Cathodic Protection for Underground Storage Tanks *(13 47 13)*

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

## 13 48 Sound, Vibration, and Seismic Control *(13 40)*

### 13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

13 48 63 00-0001 Seismic Bracing Assembly *(13 48 63)*

| | | | |
|---|---|---|---|
| 13 48 63 00-0002 | EA | 4-Bolt Deck Anchor Connection For Seismic Brace<br>Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer. | 134.65 |
| 13 48 63 00-0003 | EA | 2 Cable Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors. | 126.69 |
| 13 48 63 00-0004 | EA | 3 Cable Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors. | 189.49 |
| 13 48 63 00-0005 | EA | 4 Cable Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors. | 245.75 |
| 13 48 63 00-0006 | EA | 2 Channel Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors. | 271.50 |
| 13 48 63 00-0007 | EA | 3 Channel Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors. | 403.43 |
| 13 48 63 00-0008 | EA | 4 Channel Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors. | 535.36 |
| 13 48 63 00-0009 | EA | 2 Rod Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors. | 153.77 |
| 13 48 63 00-0010 | EA | 3 Rod Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors. | 226.83 |
| 13 48 63 00-0011 | EA | 4 Rod Seismic Brace With Center Threaded Rod Stiffener<br>Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors. | 299.89 |

13 48 63 00-0012 Seismic Brace Components *(13 48 63)*

| | | | |
|---|---|---|---|
| 13 48 63 00-0013 | EA | 1/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-1)<br>Note: To be used with 7x19 stranded cable. | 30.88 |
| 13 48 63 00-0014 | EA | 3/16" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-2)<br>Note: To be used with 7x19 stranded cable. | 42.39 |
| 13 48 63 00-0015 | EA | 1/4" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-3)<br>Note: To be used with 7x19 stranded cable. | 56.22 |
| 13 48 63 00-0016 | EA | 3/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-4)<br>Note: To be used with 7x19 stranded cable. | 76.92 |
| 13 48 63 00-0017 | EA | Seismic Solid Brace Swivel Anchor (Mason SSB-1)<br>Note: To be used with angle or channel. | 29.00 |
| 13 48 63 00-0018 | EA | Seismic Solid Brace Swivel Anchor (Mason SSB-2)<br>Note: To be used with angle or channel. | 39.13 |
| 13 48 63 00-0019 | EA | Seismic Solid Brace Swivel Anchor (Mason SSB-3)<br>Note: To be used with angle or channel. | 51.44 |
| 13 48 63 00-0020 | EA | Seismic Solid Brace Swivel Anchor (Mason SSB-4)<br>Note: To be used with angle or channel. | 69.54 |
| 13 48 63 00-0021 | EA | 1/8" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-1)<br>Note: To be used with 7x19 stranded cable. | 35.15 |
| 13 48 63 00-0022 | EA | 3/16" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-2)<br>Note: To be used with 7x19 stranded cable. | 46.37 |
| 13 48 63 00-0023 | EA | 1/4" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-3)<br>Note: To be used with 7x19 stranded cable. | 64.47 |
| 13 48 63 00-0024 | EA | 1/8" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-1)<br>Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable. | 61.58 |
| 13 48 63 00-0025 | EA | 3/16" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-2)<br>Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable. | 86.55 |
| 13 48 63 00-0026 | EA | 1/4" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-3)<br>Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable. | 118.04 |
| 13 48 63 00-0027 | EA | Seismic Rod Clamp (Mason SRC-1)<br>Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included. | 26.08 |
| 13 48 63 00-0028 | EA | Seismic Rod Clamp (Mason SRC-1 1/2)<br>Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included. | 31.88 |
| 13 48 63 00-0029 | EA | Seismic Rod Clamp (Mason SRC-2)<br>Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included. | 39.84 |

**END OF SECTION 13**

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 14 Conveying Equipment

## 14 01 Operation and Maintenance of Conveying Equipment *(14)*

### 14 01 20 Operation and Maintenance of Elevators *(14 01)*

**14 01 20 71 Elevator Rehabilitation** *(14 01 20)*

#### 14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

| | | | | |
|---|---|---|---|---|
| 14 01 20 71-0002 | EA | Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit) | 315.66 | |
| 14 01 20 71-0003 | EA | Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit) | 473.49 | |
| 14 01 20 71-0004 | EA | Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit) | 315.66 | |
| 14 01 20 71-0005 | EA | Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit) | 315.66 | |
| 14 01 20 71-0006 | EA | Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit) | 236.75 | |
| 14 01 20 71-0007 | HR | Elevator Servicing - Hydraulic, Labor Only | 154.92 | |
| 14 01 20 71-0008 | HR | Elevator Servicing - Traction, Labor Only | 193.65 | |
| 14 01 20 71-0009 | EA | Annual Category 1 Test for Traction Up to 10 floors | 1,127.06 | |
| 14 01 20 71-0010 | EA | Annual Category 1 Test for Traction Over 10 floors | 1,408.82 | |
| 14 01 20 71-0011 | EA | Annual Category 1 Test for Hydraulic Elevator | 563.52 | |
| 14 01 20 71-0012 | EA | Annual Category 1 Test for Roped Hydraulic Elevator | 1,267.94 | |
| 14 01 20 71-0013 | EA | Annual Category 1 Test for Dumbwaiter/Cart Lifts | 845.30 | |
| 14 01 20 71-0014 | EA | Full Load Test for Traction Up to 10 floors | 1,972.36 | |
| 14 01 20 71-0015 | EA | Full Load Test for Traction Over 10 floors | 2,254.12 | |
| 14 01 20 71-0016 | EA | Full Load Test for Hydraulic Elevator | 1,690.58 | |
| 14 01 20 71-0017 | EA | Full Load Test for Roped Hydraulic Elevator | 2,113.23 | |
| 14 01 20 71-0018 | EA | Full Load Test for Dumbwaiter/Cart Lifts | 1,127.06 | |
| 14 01 20 71-0019 | EA | Acceptance Test for Traction Up to 10 floors | 1,777.14 | |
| 14 01 20 71-0020 | EA | Acceptance Test for Traction Over 10 floors | 1,999.29 | |
| 14 01 20 71-0021 | EA | Acceptance Test for Hydraulic Elevator | 1,777.14 | |
| 14 01 20 71-0022 | EA | Acceptance Test for Roped Hydraulic Elevator | 1,777.14 | |
| 14 01 20 71-0023 | EA | Acceptance Test for Dumbwaiter/Cart Lifts | 1,777.14 | |

#### 14 01 20 71-0024 Elevator Modernization *(14 01 20 71)*

| | | | | |
|---|---|---|---|---|
| 14 01 20 71-0025 | EA | 5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)<br>Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers. | 34,052.99 | 7,056.69 |
| | | *For Union-Guard Cathotic Protection, Add*<br>*Note: Includes Pump.* | *8,074.72* | |
| | | *For An Additional Stop, Add*<br>*Note: Includes Removal.* | *7,157.34* | |
| 14 01 20 71-0026 | EA | 6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)<br>Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers. | 36,781.62 | 8,526.84 |
| | | *For Union-Guard Cathotic Protection, Add*<br>*Note: Includes Pump.* | *8,156.76* | |
| | | *For An Additional Stop, Add*<br>*Note: Includes Removal.* | *7,540.34* | |
| 14 01 20 71-0027 | EA | 8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)<br>Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers. | 44,069.72 | 9,702.95 |
| | | *For Union-Guard Cathotic Protection, Add*<br>*Note: Includes Pump.* | *9,469.40* | |
| | | *For An Additional Stop, Add*<br>*Note: Includes Removal.* | *9,403.34* | |
| 14 01 20 71-0028 | EA | Removal And Replacement Of Hydraulic Control (Maxton) Valve | 4,574.53 | |
| 14 01 20 71-0029 | EA | 5 Gallon Container Of Hydraulic Oil For Elevator Modernization | 64.96 | |
| 14 01 20 71-0030 | EA | 55 Gallon Container Of Hydraulic Oil For Elevator Modernization | 715.11 | |
| 14 01 20 71-0031 | SET | Car Roller Guide Assembly, Set Of Four<br>Note: Includes cover plate. | 3,630.42 | 588.05 |
| 14 01 20 71-0032 | SET | CWT Roller Guide Assembly, Set Of Four<br>Note: Includes cover plate. | 3,045.63 | 588.05 |
| 14 01 20 71-0033 | EA | 8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish<br>Note: Excludes buildback. | 6,555.29 | |
| 14 01 20 71-0034 | EA | 8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish<br>Note: Excludes buildback. | 7,211.61 | |
| 14 01 20 71-0035 | EA | 8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish<br>Note: Excludes buildback. | 6,976.98 | |
| 14 01 20 71-0036 | EA | 8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish<br>Note: Excludes buildback. | 7,633.30 | |
| 14 01 20 71-0037 | SF | Cab Flooring, Epoxy Aggregate<br>Note: SF cost not applicable for partial cab flooring. | 75.02 | 16.81 |
| 14 01 20 71-0038 | SF | Cab Flooring, Aluminum Diamond Plate<br>Note: SF cost not applicable for partial cab flooring. | 63.37 | 16.81 |
| 14 01 20 71-0039 | EA | Solid State Starting (Soft Start) | 5,425.13 | 441.05 |
| 14 01 20 71-0040 | EA | Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings) | 17,366.18 | 2,462.50 |
| 14 01 20 71-0041 | EA | Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing) | 1,995.19 | 588.05 |
| 14 01 20 71-0042 | EA | Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing) | 381.98 | 147.02 |
| 14 01 20 71-0043 | EA | Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL) | 367.87 | 294.03 |
| 14 01 20 71-0044 | EA | Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing) | 522.96 | 257.28 |
| 14 01 20 71-0045 | EA | Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing) | 2,425.58 | 588.05 |
| 14 01 20 71-0046 | EA | Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing) | 521.38 | 271.98 |
| 14 01 20 71-0047 | EA | Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL) | 367.87 | 294.03 |
| 14 01 20 71-0048 | EA | Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing) | 646.80 | 294.03 |
| 14 01 20 71-0049 | EA | Fire Service Key Switch Controller | 3,257.30 | 588.05 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 01 20 71-0050 | EA | ADA Telephone (Rath Microtech) | 1,039.12 | 294.03 |
| 14 01 20 71-0051 | EA | Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing) | 7,417.05 | 1,176.12 |
| 14 01 20 71-0052 | EA | Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing) | 8,040.55 | 1,176.12 |
| 14 01 20 71-0053 | EA | Car Door Safety Edge (Infrared Proximity Type Edge) | 2,275.12 | 294.03 |
| 14 01 20 71-0054 | EA | Car Operating Panel (ADA, Fire, Position, Chime) | 7,860.06 | 1,176.12 |
| 14 01 20 71-0055 | EA | Car Position LED Indicator And Cover Plate, Stainless Steel | 1,695.59 | 294.03 |
| 14 01 20 71-0056 | EA | Car Traveling Lanterns With Audible Signal | 1,423.55 | 294.03 |
| 14 01 20 71-0057 | EA | Hoistway Door Jamb Floor Tags (Braille) | 206.09 | 147.02 |
| 14 01 20 71-0058 | EA | Lobby Vandal Resistant Call Station | 1,333.31 | 294.03 |
| 14 01 20 71-0059 | LF | Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial)<br>Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0060 for Removal and Replacement of Traveling Cable. | 18.97 | |
| 14 01 20 71-0060 | EA | Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial)<br>Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0059 for Traveling Cable material. | 4,704.47 | 2,352.23 |
| 14 01 20 71-0061 | LF | Governor Cable<br>Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement. | 1.48 | |
| 14 01 20 71-0062 | EA | Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels | 5,667.97 | 588.05 |
| 14 01 20 71-0063 | EA | Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels | 8,293.25 | 588.05 |
| 14 01 20 71-0064 | EA | Removal And Replacement Of Governor | 4,750.43 | 588.05 |
| 14 01 20 71-0065 | EA | Removal And Replacement Of Car Station | 7,466.27 | 1,176.12 |
| 14 01 20 71-0066 | EA | Removal And Replacement Of Telephone | 1,546.61 | 294.03 |
| 14 01 20 71-0067 | EA | Removal And Replacement Of Hall Lanterns | 1,162.33 | 294.03 |
| 14 01 20 71-0068 | EA | Hall Call Buttons, Vandal Resistant | 916.21 | 294.03 |
| 14 01 20 71-0069 | EA | Hall Traveling Lanterns With Audible Signal | 1,456.37 | 294.03 |
| 14 01 20 71-0070 | EA | Add Raised Character (Braille) Signage To Control Panel | 166.22 | 147.02 |
| 14 01 20 71-0071 | EA | New Microprocessor Based Controller (Non-Proprietary) | 41,349.41 | 4,704.47 |
| 14 01 20 71-0072 | EA | New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab | 23,464.69 | 4,704.47 |
| 14 01 20 71-0073 | EA | New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab | 36,373.16 | 4,704.47 |
| 14 01 20 71-0074 | EA | Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangment), Baked Enamel | 2,847.10 | |
| 14 01 20 71-0075 | EA | Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangment), Baked Enamel | 3,027.59 | |
| 14 01 20 71-0076 | EA | Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangment), Stainless Steel | 3,226.12 | |
| 14 01 20 71-0077 | EA | Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangment), Stainless Steel | 3,442.71 | |
| 14 01 20 71-0078 | EA | Elevator Pit Ladder, Steel<br>Note: Labor cost is for bolting to concrete pit wall. | 2,666.61 | 294.03 |
| 14 01 20 71-0079 | EA | New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab | 45,288.60 | 4,704.47 |
| 14 01 20 71-0080 | LF | Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5<br>Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet. | 108.06 | |
| 14 01 20 71-0081 | LF | Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7<br>Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet. | 115.25 | |
| 14 01 20 71-0082 | LF | Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4<br>Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet. | 120.19 | |
| 14 01 20 71-0083 | EA | Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP) | 8,373.31 | 588.05 |
| 14 01 20 71-0084 | EA | 6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening)<br>Note: Cladding typically done by metal company. | 3,240.89 | 588.05 |
| 14 01 20 71-0085 | EA | 8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening)<br>Note: Cladding typically done by metal company. | 3,322.93 | 588.05 |
| 14 01 20 71-0086 | EA | 10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening)<br>Note: Cladding typically done by metal company. | 3,404.97 | 588.05 |
| 14 01 20 71-0087 | EA | 12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening)<br>Note: Cladding typically done by metal company. | 3,503.42 | 588.05 |
| 14 01 20 71-0088 | EA | "Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable | 7,506.97 | 588.05 |
| 14 01 20 71-0089 | EA | "Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable | 7,506.97 | 588.05 |
| 14 01 20 71-0090 | EA | "Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable | 10,788.57 | 588.05 |
| 14 01 20 71-0091 | EA | "Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable | 12,429.37 | 588.05 |
| 14 01 20 71-0092 | EA | 60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock | 3,682.66 | 147.61 |
| 14 01 20 71-0093 | EA | 100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock | 3,851.99 | 177.14 |
| 14 01 20 71-0094 | EA | 200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock | 5,073.38 | 206.65 |
| 14 01 20 71-0095 | EA | Aluminum Handrail Spacers With Set Screw | 181.10 | 147.02 |
| 14 01 20 71-0096 | EA | Bronze Handrail Spacers With Set Screw | 185.64 | 147.02 |
| 14 01 20 71-0097 | LF | 1/2" x 2" Round Stainless Steel Elevator Handrail | 129.07 | 34.60 |
| 14 01 20 71-0098 | LF | 3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish | 123.72 | 34.60 |
| 14 01 20 71-0099 | LF | 3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish | 148.73 | 34.60 |
| 14 01 20 71-0100 | LF | 3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish | 165.66 | 34.60 |
| 14 01 20 71-0101 | LF | 3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish | 190.86 | 34.60 |
| 14 01 20 71-0102 | LF | 3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish | 151.88 | 34.60 |
| 14 01 20 71-0103 | LF | 3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish | 174.13 | 34.60 |
| 14 01 20 71-0104 | LF | 3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish | 276.22 | 34.60 |
| 14 01 20 71-0105 | LF | 3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish | 311.53 | 34.60 |
| 14 01 20 71-0106 | LF | 3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish | 122.87 | 34.60 |
| 14 01 20 71-0107 | LF | 3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish | 124.23 | 34.60 |
| 14 01 20 71-0108 | LF | 3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish | 161.20 | 34.60 |
| 14 01 20 71-0109 | LF | 3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish | 150.30 | 34.60 |
| 14 01 20 71-0110 | LF | 3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish | 161.92 | 34.60 |
| 14 01 20 71-0111 | LF | 3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish | 205.25 | 34.60 |
| 14 01 20 71-0112 | LF | 3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish | 155.81 | 34.60 |
| 14 01 20 71-0113 | LF | 3/8" x 2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish | 159.56 | 34.60 |
| 14 01 20 71-0114 | LF | 3/8" x 2-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish | 273.56 | 34.60 |
| 14 01 20 71-0115 | LF | 3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Mirror Finish | 176.29 | 34.60 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 01 20 71-0116 | LF | 3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish | 274.28 | 34.60 |
| 14 01 20 71-0117 | LF | 3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish | 311.53 | 34.60 |

## 14 01 30 Operation and Maintenance of Escalators and Moving Walks *(14 01)*

### 14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

#### 14 01 30 71-0001 Maintenance *(14 01 30 71)*

| | | | |
|---|---|---|---|
| 14 01 30 71-0002 | EA | Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit) | 659.13 |
| 14 01 30 71-0003 | HR | Escalator Servicing, Labor Only | 154.92 |
| 14 01 30 71-0004 | EA | Acceptance Test Of Escalators And Moving Walks | 3,625.21 |

#### 14 01 30 71-0005 Modernization *(14 01 30 71)*

| | | | |
|---|---|---|---|
| 14 01 30 71-0006 | EA | Removal And Replacement Of 28" Wide Escalator Stair Tread | 1,667.97 |
| 14 01 30 71-0007 | EA | Removal And Replacement Of 36" Wide Escalator Stair Tread | 1,790.41 |
| 14 01 30 71-0008 | EA | Removal And Replacement Of 48" Wide Escalator Stair Tread | 1,881.21 |
| 14 01 30 71-0009 | EA | Removal And Replacement Of 54" Wide Escalator Stair Tread | 2,030.59 |
| 14 01 30 71-0010 | LF | Removal And Replacement Of Sliding Handrail | 155.56 |

## 14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

## 14 21 Electric Traction Elevators *(14 20)*

### 14 21 13 Electric Traction Freight Elevators *(14 21)*

#### 14 21 13 00-0001 Electric Traction Freight Elevators *(14 21 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

| | | | |
|---|---|---|---|
| 14 21 13 00-0002 | EA | Electric Traction Freight Elevator, 4,000 LB x 200 FPM | 447,537.81 |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* |
| | | *For Class "C-1" Loading, Add* | *1,666.00* |
| | | *For Class "C-2" Loading, Add* | *2,000.00* |
| | | *For Class "C-3" Loading, Add* | *2,736.00* |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* |
| | | *For Each Additional Stop, Add* | *32,177.50* |
| | | *For Each Floor < 6 Stops, Deduct* | *-27,633.08* |
| | | *For Each Additional 50 FPM, Add* | *6,000.00* |
| | | *For Removal Of Existing Elevator, Add* | *36,354.99* |
| 14 21 13 00-0003 | EA | Electric Traction Freight Elevator, 5,000 LB x 200 FPM | 481,586.05 |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* |
| | | *For Class "C-1" Loading, Add* | *1,666.00* |
| | | *For Class "C-2" Loading, Add* | *2,000.00* |
| | | *For Class "C-3" Loading, Add* | *2,736.00* |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* |
| | | *For Each Additional Stop, Add* | *32,177.50* |
| | | *For Each Floor < 6 Stops, Deduct* | *-27,633.08* |
| | | *For Each Additional 50 FPM, Add* | *6,000.00* |
| | | *For Removal Of Existing Elevator, Add* | *36,354.99* |
| 14 21 13 00-0004 | EA | Electric Traction Freight Elevator, 6,000 LB x 200 FPM | 515,634.29 |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* |
| | | *For Class "C-1" Loading, Add* | *3,332.00* |
| | | *For Class "C-2" Loading, Add* | *4,000.00* |
| | | *For Class "C-3" Loading, Add* | *5,544.00* |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *5,000.00* |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *7,000.00* |
| | | *For Stainless Steel Cab Interior, Add* | *9,000.00* |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* |
| | | *For Each Additional Stop, Add* | *33,177.50* |
| | | *For Each Additional 50 FPM, Add* | *6,000.00* |
| | | *For Each Opening With Bonderized Steel Door, Add* | *300.00* |
| | | *For Each Opening With Stainless Steel Doors, Add* | *600.00* |
| | | *For Each Opening With Two Speed Doors, Add* | *700.00* |
| | | *For Removal Of Existing Elevator, Add* | *36,354.99* |
| | | *For Each Floor < 6 Stops, Deduct* | *-28,633.08* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 21 13 00-0005 | EA | Electric Traction Freight Elevator, 7,000 LB x 200 FPM | 531,891.72 | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *3,332.00* | |
| | | *For Class "C-2" Loading, Add* | *4,000.00* | |
| | | *For Class "C-3" Loading, Add* | *5,544.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *5,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *7,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *9,000.00* | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| | | *For Each Additional Stop, Add* | *33,177.50* | |
| | | *For Each Additional 50 FPM, Add* | *6,000.00* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *300.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *600.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *700.00* | |
| | | *For Removal Of Existing Elevator, Add* | *36,354.99* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-28,633.08* | |
| 14 21 13 00-0006 | EA | Electric Traction Freight Elevator, 8,000 LB x 200 FPM | 548,148.59 | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *6,666.00* | |
| | | *For Class "C-2" Loading, Add* | *8,000.00* | |
| | | *For Class "C-3" Loading, Add* | *10,944.00* | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| | | *For Each Additional Stop, Add* | *33,177.50* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *400.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *700.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *800.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *6,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *8,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *10,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *36,354.99* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-28,633.08* | |
| 14 21 13 00-0007 | EA | Electric Traction Freight Elevator, 10,000 LB x 200 FPM | 567,671.08 | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *6,666.00* | |
| | | *For Class "C-2" Loading, Add* | *8,000.00* | |
| | | *For Class "C-3" Loading, Add* | *10,944.00* | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| | | *For Each Additional Stop, Add* | *33,177.50* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *400.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *700.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *800.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *6,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *8,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *10,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *36,354.99* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-28,633.08* | |
| 14 21 13 00-0008 | EA | Electric Traction Freight Elevator, 12,000 LB x 200 FPM | 583,255.16 | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *6,666.00* | |
| | | *For Class "C-2" Loading, Add* | *8,000.00* | |
| | | *For Class "C-3" Loading, Add* | *10,944.00* | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| | | *For Each Additional Stop, Add* | *33,177.50* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *400.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *700.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *800.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *6,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *8,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *10,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *36,354.99* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-28,633.08* | |

## 14 21 23 Electric Traction Passenger Elevators *(14 21)*

### 14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001 Electric Traction Passenger Elevators *(14 21 23 13)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

| | | | | |
|---|---|---|---|---|
| 14 21 23 13-0002 | EA | Electric Traction Passenger Elevator, 2,000 LB x 200 FPM | 360,700.66 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For Each Additional Stop, Add* | *32,177.50* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-19,088.73* | |
| | | *For Removal Of Existing Elevator, Add* | *27,266.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 21 23 13-0003 | EA | Electric Traction Passenger Elevator, 2,500 LB x 200 FPM | 370,092.53 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For Each Additional Stop, Add* | *32,177.50* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-19,088.73* | |
| | | *For Removal Of Existing Elevator, Add* | *27,266.25* | |
| 14 21 23 13-0004 | EA | Electric Traction Passenger Elevator, 3,000 LB x 200 FPM | 377,110.38 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For Each Additional Stop, Add* | *32,177.50* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-19,088.73* | |
| | | *For Removal Of Existing Elevator, Add* | *27,266.25* | |
| 14 21 23 13-0005 | EA | Electric Traction Passenger Elevator, 3,500 LB x 200 FPM | 379,469.85 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For Each Additional Stop, Add* | *32,177.50* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-19,088.73* | |
| | | *For Removal Of Existing Elevator, Add* | *27,266.25* | |
| 14 21 23 13-0006 | EA | Electric Traction Passenger Elevator, 4,000 LB x 200 FPM | 385,826.50 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For Each Additional Stop, Add* | *32,177.50* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-19,088.73* | |
| | | *For Removal Of Existing Elevator, Add* | *27,266.25* | |
| 14 21 23 13-0007 | EA | Electric Traction Passenger Elevator, 4,500 LB x 200 FPM | 392,509.50 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For Each Additional Stop, Add* | *32,177.50* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-19,088.73* | |
| | | *For Removal Of Existing Elevator, Add* | *27,266.25* | |
| 14 21 23 13-0008 | EA | Electric Traction Passenger Elevator, 5,000 LB x 200 FPM | 399,440.10 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For Each Additional Stop, Add* | *32,177.50* | |
| | | *For Each Floor < 6 Stops, Deduct* | *-19,088.73* | |
| | | *For Removal Of Existing Elevator, Add* | *27,266.25* | |

## 14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

### 14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 24 13 00-0002 | EA | Hydraulic Freight Elevator, 3,000 LB x 50 FPM | 186,747.74 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For 2 Stops, Deduct* | *-15,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *2,000.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *1,666.00* | |
| | | *For Class "C-2" Loading, Add* | *2,000.00* | |
| | | *For Class "C-3" Loading, Add* | *2,736.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| 14 24 13 00-0003 | EA | Hydraulic Freight Elevator, 3,500 LB x 50 FPM | 192,842.74 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For 2 Stops, Deduct* | *-15,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *2,000.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *1,666.00* | |
| | | *For Class "C-2" Loading, Add* | *2,000.00* | |
| | | *For Class "C-3" Loading, Add* | *2,736.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| 14 24 13 00-0004 | EA | Hydraulic Freight Elevator, 4,000 LB x 50 FPM | 199,503.76 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For 2 Stops, Deduct* | *-15,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *2,000.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *1,666.00* | |
| | | *For Class "C-2" Loading, Add* | *2,000.00* | |
| | | *For Class "C-3" Loading, Add* | *2,736.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| 14 24 13 00-0005 | EA | Hydraulic Freight Elevator, 5,000 LB x 50 FPM | 204,596.56 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *2,000.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional Stop, Add* | *20,449.94* | |
| | | *For 2 Stops, Deduct* | *-16,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Class "C-1" Loading, Add* | *3,332.00* | |
| | | *For Class "C-2" Loading, Add* | *4,000.00* | |
| | | *For Class "C-3" Loading, Add* | *5,544.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 24 13 00-0006 | EA | Hydraulic Freight Elevator, 6,000 LB x 50 FPM | 216,618.58 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional Stop, Add* | *20,449.94* | |
| | | *For 2 Stops, Deduct* | *-16,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Each Additional 50 FPM, Add* | *10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *6,666.00* | |
| | | *For Class "C-2" Loading, Add* | *8,000.00* | |
| | | *For Class "C-3" Loading, Add* | *10,944.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| 14 24 13 00-0007 | EA | Hydraulic Freight Elevator, 7,000 LB x 50 FPM | 222,374.91 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional Stop, Add* | *20,449.94* | |
| | | *For 2 Stops, Deduct* | *-16,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Each Additional 50 FPM, Add* | *10,000.00* | |
| | | *For Class "C-1" Loading, Add* | *6,666.00* | |
| | | *For Class "C-2" Loading, Add* | *8,000.00* | |
| | | *For Class "C-3" Loading, Add* | *10,944.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| 14 24 13 00-0008 | EA | Hydraulic Freight Elevator, 8,000 LB x 50 FPM | 231,187.00 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional Stop, Add* | *20,449.94* | |
| | | *For 2 Stops, Deduct* | *-16,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *5,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *7,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *9,000.00* | |
| | | *For Each Additional 50 FPM, Add* | *11,000.00* | |
| | | *For Class "C-1" Loading, Add* | *8,330.00* | |
| | | *For Class "C-2" Loading, Add* | *10,000.00* | |
| | | *For Class "C-3" Loading, Add* | *13,680.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| 14 24 13 00-0009 | EA | Hydraulic Freight Elevator, 10,000 LB x 50 FPM | 237,355.17 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional Stop, Add* | *20,449.94* | |
| | | *For 2 Stops, Deduct* | *-16,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *5,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *7,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *9,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| | | *For Each Additional 50 FPM, Add* | *12,000.00* | |
| | | *For Class "C-1" Loading, Add* | *11,079.00* | |
| | | *For Class "C-2" Loading, Add* | *13,300.00* | |
| | | *For Class "C-3" Loading, Add* | *18,194.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 24 13 00-0010 | EA | Hydraulic Freight Elevator, 12,000 LB x 50 FPM | 248,224.12 | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Elevator With Manual Door, Deduct* | *-10,000.00* | |
| | | *For Each Additional Stop, Add* | *20,449.94* | |
| | | *For 2 Stops, Deduct* | *-16,179.10* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *5,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *7,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *9,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Removal Of Existing Stop, Add* | *7,271.00* | |
| | | *For Each Additional 50 FPM, Add* | *12,000.00* | |
| | | *For Class "C-1" Loading, Add* | *11,079.00* | |
| | | *For Class "C-2" Loading, Add* | *13,300.00* | |
| | | *For Class "C-3" Loading, Add* | *18,194.00* | |

### 14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

| | | | | |
|---|---|---|---|---|
| 14 24 13 00-0012 | VLF | Up To 6" Diameter Piston Drilling<br>Note: Includes casing. | 81.45 | |
| 14 24 13 00-0013 | VLF | 8" To 10" Diameter Piston Drilling<br>Note: Includes casing. | 97.38 | |

## 14 24 23 Hydraulic Passenger Elevators *(14 24)*

### 14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

| | | | | |
|---|---|---|---|---|
| 14 24 23 00-0002 | EA | Hydraulic Passenger Elevator, 2,100 LB x 100 FPM | 133,491.68 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *18,164.65* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For 2 Stops, Deduct* | *-10,000.00* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| 14 24 23 00-0003 | EA | Hydraulic Passenger Elevator, 2,500 LB x 100 FPM | 136,038.08 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *18,164.65* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For 2 Stops, Deduct* | *-10,000.00* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| 14 24 23 00-0004 | EA | Hydraulic Passenger Elevator, 3,000 LB x 100 FPM | 137,788.73 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *18,164.65* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For 2 Stops, Deduct* | *-10,000.00* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 24 23 00-0005 | EA | Hydraulic Passenger Elevator, 3,500 LB x 100 FPM | 144,240.50 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *18,164.65* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For 2 Stops, Deduct* | *-10,000.00* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| 14 24 23 00-0006 | EA | Hydraulic Passenger Elevator, 4,000 LB x 100 FPM | 146,902.64 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *18,164.65* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For 2 Stops, Deduct* | *-10,000.00* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| 14 24 23 00-0007 | EA | Hydraulic Passenger Elevator, 4,500 LB x 100 FPM | 150,626.75 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *18,164.65* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For 2 Stops, Deduct* | *-10,000.00* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |
| 14 24 23 00-0008 | EA | Hydraulic Passenger Elevator, 5,000 LB x 100 FPM | 154,175.23 | |
| | | *For Each Additional Stop, Add* | *19,449.94* | |
| | | *For Each Opening With Bonderized Steel Door, Add* | *200.00* | |
| | | *For Each Opening With Stainless Steel Doors, Add* | *500.00* | |
| | | *For Each Opening With Two Speed Doors, Add* | *500.00* | |
| | | *For Custom Plastic Laminated Cab Interiors, Add* | *4,000.00* | |
| | | *For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add* | *6,000.00* | |
| | | *For Stainless Steel Cab Interior, Add* | *8,000.00* | |
| | | *For Well Hole Drilling (12" Diameter Hole), Add* | *170.00* | |
| | | *Note: Includes Labor and Equipment.* | | |
| | | *For 12" Steel Liner, Add* | *90.00* | |
| | | *Note: Liner for Hydraulic Elevator Well Hole if necessary.* | | |
| | | *For Each Additional 50 FPM, Add* | *1,000.00* | |
| | | *For Removal Of Existing Elevator, Add* | *18,164.65* | |
| | | *For Removal Of Existing Stop, Add* | *3,635.50* | |
| | | *For 2 Stops, Deduct* | *-10,000.00* | |
| | | *Note: Would be holeless hydraulic at 2 stops.* | | |

### 14 24 23 00-0009 Twin Jack Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.

| | | | | |
|---|---|---|---|---|
| 14 24 23 00-0010 | EA | Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 3 Stops, 3 Openings | 76,448.83 | 8,426.57 |
| 14 24 23 00-0011 | EA | Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 2 Stops, 2 Openings | 57,738.18 | 7,199.63 |

## 14 26 Limited-Use/Limited-Application Elevators *(14 20)*

### 14 26 00 00-0001 Small Elevators (LULA) *(14 26)*

| | | | |
|---|---|---|---|
| 14 26 00 00-0002 | EA | Small Elevators (LULA), 1,400 LB x 30 FPM | 79,924.20 |
| | | Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise. | |
| | | *For Each Additional Stop, Add* | *16,453.25* |
| | | *For Removal Of Existing Elevator, Add* | *5,453.25* |

## 14 30 Escalators and Moving Walks *(14)*

## 14 31 Escalators *(14 30)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **14 31 00 00-0001** | | **Stainless Steel Escalator Construction** *(14 31)*<br>Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED. | | |
| 14 31 00 00-0002 | EA | Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height | 141,171.06 | 10,999.42 |
| 14 31 00 00-0003 | EA | Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height | 156,099.59 | 12,999.32 |
| 14 31 00 00-0004 | EA | Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height | 169,933.17 | 14,999.22 |
| 14 31 00 00-0005 | EA | Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height | 187,591.79 | 17,999.07 |
| 14 31 00 00-0006 | EA | Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height | 207,212.40 | 19,998.96 |
| 14 31 00 00-0007 | EA | Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height | 149,339.78 | 11,699.39 |
| 14 31 00 00-0008 | EA | Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height | 165,409.91 | 13,999.27 |
| 14 31 00 00-0009 | EA | Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height | 179,214.68 | 15,999.17 |
| 14 31 00 00-0010 | EA | Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height | 201,609.60 | 20,098.95 |
| 14 31 00 00-0011 | EA | Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height | 217,395.16 | 21,598.88 |
| 14 31 00 00-0012 | EA | Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height | 157,823.62 | 12,399.36 |
| 14 31 00 00-0013 | EA | Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height | 175,304.97 | 14,999.22 |
| 14 31 00 00-0014 | EA | Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height | 188,690.58 | 16,999.12 |
| 14 31 00 00-0015 | EA | Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height | 216,541.71 | 21,198.90 |
| 14 31 00 00-0016 | EA | Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height | 229,890.06 | 23,198.80 |
| 14 31 00 00-0017 | EA | Escalator Fire Shutter Fusible Link | 21,149.53 | 399.98 |

## 14 32 Moving Walks *(14 30)*

| | | | | |
|---|---|---|---|---|
| **14 32 00 00-0001** | | **Moving Sidewalks** *(14 32)*<br>Note: Prices are medians. Includes safety rails. | | |
| 14 32 00 00-0002 | LF | Moving Sidewalks, 28" Wide | 1,460.47 | 239.99 |
| | | *For Each LF Of Ramp Or Sloped Sections, Add* | *234.50* | |
| 14 32 00 00-0003 | LF | Moving Sidewalks, 36" Wide | 1,969.18 | 244.99 |
| | | *For Each LF Of Ramp Or Sloped Sections, Add* | *335.05* | |
| 14 32 00 00-0004 | LF | Moving Sidewalks, 48" Wide | 2,225.75 | 254.99 |
| | | *For Each LF Of Ramp Or Sloped Sections, Add* | *383.96* | |
| 14 32 00 00-0005 | LF | Moving Sidewalks, 54" Wide | 2,563.14 | 276.59 |
| | | *For Each LF Of Ramp Or Sloped Sections, Add* | *446.25* | |

## 14 40 Lifts *(14)*

## 14 42 Wheelchair Lifts *(14 40)*

### 14 42 13 Inclined Wheelchair Lifts *(14 42)*

| | | | | |
|---|---|---|---|---|
| **14 42 13 00-0001** | | **Chair Lift-Stair Climber** *(14 42 13)*<br>Note: Includes landing, rails, lifting device and gates. | | |
| 14 42 13 00-0002 | EA | Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity<br>Note: Includes top and bottom call button, safety chair, track, and power unit. | 6,653.77 | 878.84 |

### 14 42 16 Vertical Wheelchair Lifts *(14 42)*

| | | | | |
|---|---|---|---|---|
| **14 42 16 00-0001** | | **Wheelchair Lift (Shorty)** *(14 42 16)* | | |
| 14 42 16 00-0002 | EA | 36" Vertical Travel Wheelchair Platform Scissor Lift<br>Note: 1000 LB capacity. Includes handrails and manual ramp. | 8,629.01 | 615.19 |
| | | *For Accordion Safety Skirt, Add* | *998.00* | |
| | | *For Removable Handrails, Add* | *100.00* | |
| | | *For Power Operated Ramp, Add* | *885.00* | |
| 14 42 16 00-0003 | EA | 42" Vertical Travel Wheelchair Platform Scissor Lift<br>Note: 1000 LB capacity. Includes handrails and manual ramp. | 10,607.46 | 768.98 |
| | | *For 2,000 LB Capacity, Add* | *600.00* | |
| | | *For 3,000 LB Capacity, Add* | *1,000.00* | |
| | | *For 4,000 LB Capacity, Add* | *1,500.00* | |
| | | *For Accordion Safety Skirt, Add* | *998.00* | |
| | | *For Removable Handrails, Add* | *100.00* | |
| | | *For Power Operated Ramp, Add* | *885.00* | |
| 14 42 16 00-0004 | EA | 70" Vertical Travel Wheelchair Platform Scissor Lift<br>Note: 1000 LB capacity. Includes handrails and manual ramp. | 12,607.64 | 999.68 |
| | | *For 2,000 LB Capacity, Add* | *600.00* | |
| | | *For 3,000 LB Capacity, Add* | *1,000.00* | |
| | | *For 4,000 LB Capacity, Add* | *1,500.00* | |
| | | *For Accordion Safety Skirt, Add* | *998.00* | |
| | | *For Removable Handrails, Add* | *100.00* | |
| | | *For Power Operated Ramp, Add* | *885.00* | |
| 14 42 16 00-0005 | EA | 84" Vertical Travel Wheelchair Platform Scissor Lift<br>Note: 1000 LB capacity. Includes handrails and manual ramp. | 14,151.84 | 1,153.47 |
| | | *For 2,000 LB Capacity, Add* | *600.00* | |
| | | *For 3,000 LB Capacity, Add* | *1,000.00* | |
| | | *For 4,000 LB Capacity, Add* | *1,500.00* | |
| | | *For Accordion Safety Skirt, Add* | *998.00* | |
| | | *For Removable Handrails, Add* | *100.00* | |
| | | *For Power Operated Ramp, Add* | *885.00* | |
| 14 42 16 00-0006 | EA | 18' Travel Wheelchair Incline Lift<br>Note: 500 LB capacity, interior installation. | 14,834.99 | 549.27 |

## 14 90 Other Conveying Equipment *(14)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 14 91 | | **Facility Chutes** *(14 90)* | | |
| **14 91 82** | | **Trash Chutes** *(14 91)* | | |
| 14 91 82 00-0001 | | Trash Chutes *(14 91 82)* | | |
| 14 91 82 00-0002 | LF | 18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports | 30.73 | 4.16 |
| | | *For Aluminum, Add* | *2.28* | |
| | | *For Stainless Steel, Add* | *7.98* | |
| 14 91 82 00-0003 | LF | 24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports | 39.48 | 4.16 |
| | | *For Aluminum, Add* | *3.08* | |
| | | *For Stainless Steel, Add* | *10.79* | |
| 14 91 82 00-0004 | LF | 30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports | 43.52 | 5.20 |
| | | *For Aluminum, Add* | *3.42* | |
| | | *For Stainless Steel, Add* | *11.96* | |
| 14 91 82 00-0005 | LF | 36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports | 66.44 | 5.20 |
| | | *For Aluminum, Add* | *5.63* | |
| | | *For Stainless Steel, Add* | *19.71* | |
| 14 91 82 00-0006 | EA | Trash Chutes, Hopper | 674.34 | 29.10 |
| | | *For Aluminum, Add* | *61.58* | |
| | | *For Stainless Steel, Add* | *215.52* | |
| 14 91 82 00-0007 | EA | Trash Chutes, Skylight | 328.78 | 57.17 |
| | | *For Aluminum, Add* | *21.42* | |
| | | *For Stainless Steel, Add* | *74.96* | |
| 14 91 82 00-0008 | EA | Trash Chutes, Sprinkler Unit At Top | 225.48 | 62.36 |
| | | *For Aluminum, Add* | *9.37* | |
| | | *For Stainless Steel, Add* | *32.80* | |
| 14 91 82 00-0009 | EA | Trash Chutes, Sprinkler Unit At Intake Hopper | 59.99 | 21.82 |
| | | *For Aluminum, Add* | *1.61* | |
| | | *For Stainless Steel, Add* | *5.62* | |
| 14 91 82 00-0010 | EA | Refuse Type Bottom Storage Hopper Unit | 560.96 | 77.95 |
| | | *For Aluminum, Add* | *39.62* | |
| | | *For Stainless Steel, Add* | *138.68* | |
| 14 91 82 00-0011 | EA | Hopper Doors | 1,285.97 | 52.21 |

**END OF SECTION 14**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 21 Fire Suppression

## 21 01 Operation and Maintenance of Fire Suppression *(21)*

### 21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems *(21 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

**21 01 10 91 Water-Based Fire-Suppression Systems Restoration** ***(21 01 10)***

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping *(21 01 10 91)*

| | | | |
|---|---|---|---|
| 21 01 10 91-0002 | EA | Relocate Existing Sprinkler Head And Branch Piping | 65.14 |
| | | Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location. | |

21 01 10 91-0003 Sprinkler Upgrades *(21 01 10 91)*

| | | | |
|---|---|---|---|
| 21 01 10 91-0004 | LF | Purging Existing Lines Of Water (For Sprinkler Upgrades) | 0.58 |
| | | Note: Includes system water main risers and branch piping to a valve. | |
| 21 01 10 91-0005 | LF | Refill Existing Lines With Water (For Sprinkler Upgrades) | 0.71 |
| | | Note: Includes system water main risers and branch piping. | |

### 21 01 30 Operation and Maintenance of Fire-Suppression Equipment *(21 01)*

**21 01 30 91 Fire-Suppression Equipment Restoration** ***(21 01 30)***

21 01 30 91-0001 Inspection And Recharge *(21 01 30 91)*

| | | | |
|---|---|---|---|
| 21 01 30 91-0002 | EA | Inspection, CO2, Carbon Dioxide | 233.43 |
| 21 01 30 91-0003 | LB | Refill/Recharge, CO2, Carbon Dioxide | 2.54 |
| 21 01 30 91-0004 | EA | Inspection, Halon 1301 | 233.43 |
| 21 01 30 91-0005 | LB | Refill/Recharge, Halon 1301 | 60.84 |
| 21 01 30 91-0006 | EA | Inspection, WC, Wet Chemical | 141.15 |
| 21 01 30 91-0007 | GAL | Refill/Recharge, WC, Wet Chemical | 57.04 |
| 21 01 30 91-0008 | EA | Inspection, DC, Dry Chemical | 141.15 |
| 21 01 30 91-0009 | LB | Refill/Recharge, DC, Dry Chemical | 5.07 |
| 21 01 30 91-0010 | EA | Hydrostatic Testing, All Sizes, All Agents | 43.43 |
| | | See CSI section 23 05 93 00-0046 for testing existing piping systems. | |
| 21 01 30 91-0011 | EA | Disarm/Arm System | 76.00 |

## 21 05 Common Work Results for Fire Suppression *(21)*

### 21 05 13 Common Motor Requirements for Fire-Suppression Equipment *(21 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

### 21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

### 21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

### 21 05 19 Meters and Gages for Fire-Suppression Systems *(21 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge *(21 05 19)*

| | | | | |
|---|---|---|---|---|
| 21 05 19 00-0002 | EA | 2" Diameter Dial, 0-200 PSI, Water Pressure Gauge | 45.47 | 12.80 |
| | | Note: For fire sprinkler systems | | |
| 21 05 19 00-0003 | EA | 2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge | 47.11 | 12.80 |
| | | Note: For fire sprinkler systems | | |
| 21 05 19 00-0004 | EA | 3" Diameter Dial, 0-300 PSI, Water Pressure Gauge | 54.73 | 12.80 |
| | | Note: For fire sprinkler systems | | |
| 21 05 19 00-0005 | EA | 3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge | 57.86 | 12.80 |
| | | Note: For fire sprinkler systems | | |
| 21 05 19 00-0006 | EA | 4" Diameter Dial, 0-300 PSI, Water Pressure Gauge | 60.98 | 12.80 |
| | | Note: For fire sprinkler systems | | |

21 05 19 00-0007 Fire Service Meter Cast Iron Housing *(21 05 19)*

| | | | | |
|---|---|---|---|---|
| 21 05 19 00-0008 | EA | 3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing | 4,265.65 | 181.78 |
| | | *For >10 To 25, Deduct* | *-213.28* | |
| | | *For >25, Deduct* | *-617.10* | |
| 21 05 19 00-0009 | EA | 4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing | 8,677.89 | 304.73 |
| | | *For >10 To 25, Deduct* | *-433.89* | |
| | | *For >25, Deduct* | *-1,263.50* | |
| 21 05 19 00-0010 | EA | 6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing | 11,726.78 | 406.87 |
| | | *For >10 To 25, Deduct* | *-586.34* | |
| | | *For >25, Deduct* | *-1,707.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 05 19 00-0011 | EA | 8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing | 15,290.25 | 519.89 |
| | | *For >10 To 25, Deduct* | *-764.51* | |
| | | *For >25, Deduct* | *-2,228.95* | |
| 21 05 19 00-0012 | EA | 10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing | 21,515.18 | 632.91 |
| | | *For >10 To 25, Deduct* | *-1,075.76* | |
| | | *For >25, Deduct* | *-3,148.16* | |

## 21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping *(21 05)*

See CSI section 23 05 23 00-0000 for valves.

## 21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

## 21 05 48 Vibration and Seismic Controls for Fire-Suppresion Piping and Equipment *(21 05)*

### 21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

## 21 05 53 Identification for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

# 21 07 Fire-Suppression Systems Insulation *(21)*

## 21 07 16 Fire-Suppression Equipment Insulation *(21 07)*

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

## 21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

# 21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0368 for copper pipe, 22 11 16 00-0834 for CPVC pipe, 23 05 23 00-0057 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

## 21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

### 21 11 19 Fire-Department Connections *(21 11)*

#### 21 11 19 00-0001 Fire Department Connections *(21 11 19)*

| | | | | |
|---|---|---|---|---|
| 21 11 19 00-0002 | EA | 4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass | 952.00 | 329.83 |
| | | *For Polished Chrome, Add* | *56.54* | |
| 21 11 19 00-0003 | EA | 6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass | 1,317.25 | 412.29 |
| | | *For Polished Chrome, Add* | *86.55* | |
| 21 11 19 00-0004 | EA | 4" x 3" x 3" Siamese Connection, Polished Brass | 1,376.84 | 329.83 |
| | | *For Polished Chrome, Add* | *109.62* | |
| 21 11 19 00-0005 | EA | 6" x 3" x 3" Siamese Connection, Polished Brass | 1,815.75 | 412.29 |
| | | *For Polished Chrome, Add* | *148.86* | |
| 21 11 19 00-0006 | EA | 6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass | 1,937.61 | 412.29 |
| | | *For Polished Chrome, Add* | *164.09* | |
| 21 11 19 00-0007 | EA | Sidewalk Type Connection With Plug And Chain, Polished Brass | 1,673.23 | 436.35 |
| | | *For Polished Chrome, Add* | *126.55* | |
| 21 11 19 00-0008 | EA | Wall Type Connection With Plug And Chain, Polished Brass | 1,080.54 | 329.83 |
| | | *For Polished Chrome, Add* | *72.61* | |

#### 21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated *(21 11 19)*

See CSI section 33 14 19 00-0159 for adjustable indicator post accessory for ground valves.

| | | | | |
|---|---|---|---|---|
| 21 11 19 00-0010 | EA | Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773) | 1,461.85 | 304.73 |

## 21 12 Fire-Suppression Standpipes *(21 10)*

See CSI section 23 21 13 23-0000 for black steel pipe.

### 21 12 13 Fire-Suppression Hoses and Nozzles *(21 12)*

#### 21 12 13 00-0001 Fire Hose *(21 12 13)*

#### 21 12 13 00-0002 Fire Hose Without Couplings *(21 12 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 21 12 13 00-0003 | LF | 1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings | 2.73 | 2.17 |
| 21 12 13 00-0004 | LF | 2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings | 3.16 | 2.17 |
| 21 12 13 00-0005 | LF | 2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings | 2.90 | 2.17 |
| 21 12 13 00-0006 | LF | 3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings | 3.37 | 2.17 |
| 21 12 13 00-0007 | LF | 1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings | 3.01 | 2.17 |
| 21 12 13 00-0008 | LF | 2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings | 3.67 | 2.17 |
| 21 12 13 00-0009 | LF | 1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings | 3.09 | 2.17 |
| 21 12 13 00-0010 | LF | 2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings | 3.86 | 2.17 |

#### 21 12 13 00-0011 Fire Hose With Aluminum Couplings *(21 12 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 21 12 13 00-0012 | LF | 1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings | 5.82 | 1.20 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 12 13 00-0013 | LF | 2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings | 7.20 | 1.41 |
| 21 12 13 00-0014 | LF | 3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings | 11.80 | 1.41 |
| 21 12 13 00-0015 | | Fire Hose Accessories *(21 12 13 00-0001)* | | |
| 21 12 13 00-0016 | EA | Hose Coupling With 1-1/2" Pin Lug | 134.90 | 35.83 |
| 21 12 13 00-0017 | EA | Hose Coupling With 2-1/2" Pin Lug | 199.56 | 40.17 |
| 21 12 13 00-0018 | EA | 1-1/2" x 10" Brass Straight Nozzle | 84.63 | 28.23 |
| 21 12 13 00-0019 | EA | 2-1/2" x 12" Brass Straight Nozzle | 162.19 | 28.23 |
| 21 12 13 00-0020 | EA | 1-1/2" Brass Fog Type Nozzle | 129.67 | 28.23 |
| 21 12 13 00-0021 | EA | 2-1/2" Brass Fog Type Nozzle | 184.23 | 28.23 |
| 21 12 13 00-0022 | EA | 1-1/2" Brass 100' Hose Rack | 295.95 | 119.43 |
| 21 12 13 00-0023 | EA | 2-1/2" Brass 100' Hose Rack | 401.36 | 119.43 |
| **21 12 23** | | **Fire-Suppression Hose Valves** *(21 12)* | | |
| 21 12 23 00-0001 | | Standpipe Valves *(21 12 23)* | | |
| 21 12 23 00-0002 | EA | 2-1/2" Fire Department Valve, Polished Brass With Plug And Chain | 589.30 | 218.18 |
| | | *For Polished Chrome, Add* | *38.83* | |
| 21 12 23 00-0003 | EA | 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass | 895.73 | 218.08 |
| | | *For Polished Chrome, Add* | *84.80* | |
| 21 12 23 00-0004 | EA | 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass | 1,137.18 | 235.90 |
| | | *For Polished Chrome, Add* | *116.95* | |
| 21 12 23 00-0005 | EA | 3" x 3" x 4" Fire Department Valve, Flush, Polished Brass | 1,337.30 | 218.08 |
| | | *For Polished Chrome, Add* | *151.03* | |
| 21 12 23 00-0006 | EA | 3" x 3" x 6" Fire Department Valve, Flush, Polished Brass | 1,562.76 | 235.90 |
| | | *For Polished Chrome, Add* | *180.79* | |
| 21 12 23 00-0007 | EA | 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass | 848.80 | 218.08 |
| | | *For Polished Chrome, Add* | *77.76* | |
| 21 12 23 00-0008 | EA | 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass | 1,210.78 | 235.90 |
| | | *For Polished Chrome, Add* | *127.99* | |
| 21 12 23 00-0009 | EA | 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass | 1,519.70 | 225.14 |
| | | *For Polished Chrome, Add* | *141.43* | |
| 21 12 23 00-0010 | EA | 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass | 2,146.92 | 250.14 |
| | | *For Polished Chrome, Add* | *212.15* | |
| 21 12 23 00-0011 | EA | 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass | 1,625.30 | 225.14 |
| | | *For Polished Chrome, Add* | *154.10* | |
| 21 12 23 00-0012 | EA | 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass | 2,306.01 | 250.14 |
| | | *For Polished Chrome, Add* | *231.24* | |
| 21 12 23 00-0013 | EA | 2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass | 5,326.24 | 300.12 |
| | | *For Polished Chrome, Add* | *487.14* | |
| 21 12 23 00-0014 | | Fire Hose Angle Valves *(21 12 23)* | | |
| 21 12 23 00-0015 | EA | 1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve | 207.27 | 29.32 |
| 21 12 23 00-0016 | EA | 1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve | 246.55 | 29.32 |
| 21 12 23 00-0017 | EA | 1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve | 232.27 | 29.32 |
| 21 12 23 00-0018 | EA | 1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve | 271.55 | 29.32 |
| 21 12 23 00-0019 | EA | 2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve | 368.14 | 48.86 |
| 21 12 23 00-0020 | EA | 2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve | 425.29 | 48.86 |
| 21 12 23 00-0021 | EA | 2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve | 430.05 | 48.86 |
| 21 12 23 00-0022 | EA | 2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve | 487.19 | 48.86 |
| **21 12 29** | | **Fire-Suppression Fire Hose Equipment** *(21 12)* | | |
| 21 12 29 00-0001 | | Standpipe And Fire Hose Equipment *(21 12 29)* | | |
| 21 12 29 00-0002 | EA | 2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass | 2,144.87 | 540.84 |
| 21 12 29 00-0003 | EA | Water Motor Gong | 734.34 | 153.00 |
| 21 12 29 00-0004 | EA | Fire Riser Flow Switch (National Fire Protection Association 13) | 590.66 | 17.80 |
| 21 12 29 00-0005 | EA | Water Flow Supervisory (Tamper) Switch Mounted On Valve | 217.26 | 30.45 |
| 21 12 29 00-0006 | | Water Flow Detector *(21 12 29)* | | |
| 21 12 29 00-0007 | | Pressure-Type Wazter Flow Detector *(21 12 29 00-0006)* | | |
| 21 12 29 00-0008 | EA | Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe | 348.41 | 93.69 |
| 21 12 29 00-0009 | EA | Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe | 505.26 | 124.15 |
| 21 12 29 00-0010 | EA | Pressure-Type Water Flow Detector For >4" To 8" Pipe | 786.83 | 140.53 |
| 21 12 29 00-0011 | | Vane-Type Water Flow Detector *(21 12 29 00-0006)* | | |
| 21 12 29 00-0012 | EA | Vane-Type Water Flow Detector For Up To 2-1/2" Pipe | 435.54 | 93.69 |
| 21 12 29 00-0013 | EA | Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe | 612.01 | 124.15 |
| 21 12 29 00-0014 | EA | Vane-Type Water Flow Detector For >4" To 8" Pipe | 956.05 | 140.53 |

## 21 13 Fire-Suppression Sprinkler Systems *(21 10)*

### 21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **21 13 13 00-0001** | | **Complete Wet Pipe Sprinkler Systems** *(21 13 13)*<br>Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1351 for individual grooved pipe, 23 21 13 23-1424 for individual grooved pipe fittings. | | |
| **21 13 13 00-0002** | | **Light Hazard, Complete Wet-Pipe Sprinkler Systems** *(21 13 13 00-0001)* | | |
| 21 13 13 00-0003 | EA | Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head<br>Note: Includes branch pipe and fittings, supports and sprinkler heads. | 465.90 | |
| | | *For Copper Pipe, Add* | *55.96* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-79.26* | |
| | | *For Up To 5, Add* | *214.21* | |
| | | *For >5 To 10, Add* | *134.95* | |
| | | *For >10 To 20, Add* | *88.36* | |
| | | *For >20 To 40, Add* | *37.22* | |
| | | *For >100 To 150, Deduct* | *-46.59* | |
| | | *For >150, Deduct* | *-93.18* | |
| 21 13 13 00-0004 | EA | Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head<br>Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. | 612.81 | |
| | | *For Copper Pipe, Add* | *71.42* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-102.06* | |
| | | *For Up To 5, Add* | *286.13* | |
| | | *For >5 To 10, Add* | *184.07* | |
| | | *For >10 To 20, Add* | *122.79* | |
| | | *For >20 To 40, Add* | *51.14* | |
| | | *For >100 To 150, Deduct* | *-61.28* | |
| | | *For >150, Deduct* | *-122.56* | |
| **21 13 13 00-0005** | | **Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems** *(21 13 13 00-0001)* | | |
| 21 13 13 00-0006 | EA | Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head<br>Note: Includes branch pipe and fittings, supports and sprinkler heads. | 464.30 | |
| | | *For Copper Pipe, Add* | *55.89* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-79.10* | |
| | | *For Up To 5, Add* | *213.23* | |
| | | *For >5 To 10, Add* | *134.13* | |
| | | *For >10 To 20, Add* | *87.70* | |
| | | *For >20 To 40, Add* | *36.97* | |
| | | *For >100 To 150, Deduct* | *-46.43* | |
| | | *For >150, Deduct* | *-92.86* | |
| 21 13 13 00-0007 | EA | Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head<br>Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. | 607.53 | |
| | | *For Copper Pipe, Add* | *70.90* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-101.27* | |
| | | *For Up To 5, Add* | *283.48* | |
| | | *For >5 To 10, Add* | *182.21* | |
| | | *For >10 To 20, Add* | *121.45* | |
| | | *For >20 To 40, Add* | *50.61* | |
| | | *For >100 To 150, Deduct* | *-60.75* | |
| | | *For >150, Deduct* | *-121.51* | |
| **21 13 13 00-0008** | | **Extra Hazard, Complete Wet-Pipe Sprinkler Systems** *(21 13 13 00-0001)* | | |
| 21 13 13 00-0009 | EA | Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head<br>Note: Includes branch pipe and fittings, supports and sprinkler heads. | 429.48 | |
| | | *For Copper Pipe, Add* | *51.61* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-73.08* | |
| | | *For Up To 5, Add* | *197.42* | |
| | | *For >5 To 10, Add* | *124.33* | |
| | | *For >10 To 20, Add* | *81.38* | |
| | | *For >20 To 40, Add* | *34.29* | |
| | | *For >100 To 150, Deduct* | *-42.95* | |
| | | *For >150, Deduct* | *-85.90* | |
| 21 13 13 00-0010 | EA | Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head<br>Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. | 563.07 | |
| | | *For Copper Pipe, Add* | *65.61* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-93.77* | |
| | | *For Up To 5, Add* | *262.93* | |
| | | *For >5 To 10, Add* | *169.16* | |
| | | *For >10 To 20, Add* | *112.85* | |
| | | *For >20 To 40, Add* | *47.00* | |
| | | *For >100 To 150, Deduct* | *-56.31* | |
| | | *For >150, Deduct* | *-112.61* | |
| **21 13 13 00-0011** | | **Wet Pipe Sprinkler Components** *(21 13 13)*<br>Note: Excludes hydraulic calculations. | | |
| **21 13 13 00-0012** | | **Wet Pipe Alarm Check Valves** *(21 13 13 00-0011)*<br>Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim. | | |
| 21 13 13 00-0013 | EA | 2-1/2" Wet Pipe Alarm Check Valve | 1,346.46 | 128.83 |
| 21 13 13 00-0014 | EA | 3" Wet Pipe Alarm Check Valve | 1,383.94 | 147.56 |
| 21 13 13 00-0015 | EA | 4" Wet Pipe Alarm Check Valve | 1,590.06 | 250.63 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0016 | EA | 6" Wet Pipe Alarm Check Valve | 1,571.06 | 316.22 |
| 21 13 13 00-0017 | EA | 8" Wet Pipe Alarm Check Valve | 2,726.58 | 400.54 |
| 21 13 13 00-0018 | | **Wet Pipe Valve Trim** *(21 13 13 00-0011)* | | |
| | | Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber. | | |
| 21 13 13 00-0019 | EA | 2-1/2" Wet Pipe Valve Trim | 1,232.49 | 272.65 |
| 21 13 13 00-0020 | EA | 3" Wet Pipe Valve Trim | 1,296.03 | 272.65 |
| 21 13 13 00-0021 | EA | 4" Wet Pipe Valve Trim | 1,579.44 | 373.83 |
| 21 13 13 00-0022 | EA | 6" Wet Pipe Valve Trim | 1,886.58 | 519.99 |
| 21 13 13 00-0023 | EA | 8" Wet Pipe Valve Trim | 2,092.71 | 643.67 |
| 21 13 13 00-0024 | | **Wet Pipe Sprinkler Heads** *(21 13 13 00-0011)* | | |
| 21 13 13 00-0025 | | **Upright Wet Pipe Sprinkler Heads** *(21 13 13 00-0024)* | | |
| 21 13 13 00-0026 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head | 70.77 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-5.98* | |
| | | *For >100 To 500, Deduct* | *-10.07* | |
| | | *For >500 To 1,000, Deduct* | *-21.04* | |
| | | *For >1,000, Deduct* | *-30.82* | |
| 21 13 13 00-0027 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head | 73.00 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.09* | |
| | | *For >100 To 500, Deduct* | *-10.35* | |
| | | *For >500 To 1,000, Deduct* | *-21.45* | |
| | | *For >1,000, Deduct* | *-31.22* | |
| 21 13 13 00-0028 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head | 74.43 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.16* | |
| | | *For >100 To 500, Deduct* | *-10.53* | |
| | | *For >500 To 1,000, Deduct* | *-21.70* | |
| | | *For >1,000, Deduct* | *-31.48* | |
| 21 13 13 00-0029 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head | 71.89 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.04* | |
| | | *For >100 To 500, Deduct* | *-10.21* | |
| | | *For >500 To 1,000, Deduct* | *-21.25* | |
| | | *For >1,000, Deduct* | *-31.02* | |
| 21 13 13 00-0030 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head | 74.21 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.15* | |
| | | *For >100 To 500, Deduct* | *-10.50* | |
| | | *For >500 To 1,000, Deduct* | *-21.66* | |
| | | *For >1,000, Deduct* | *-31.44* | |
| 21 13 13 00-0031 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head | 75.69 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.23* | |
| | | *For >100 To 500, Deduct* | *-10.68* | |
| | | *For >500 To 1,000, Deduct* | *-21.93* | |
| | | *For >1,000, Deduct* | *-31.70* | |
| 21 13 13 00-0032 | EA | 1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head | 86.50 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.77* | |
| | | *For >100 To 500, Deduct* | *-12.03* | |
| | | *For >500 To 1,000, Deduct* | *-23.88* | |
| | | *For >1,000, Deduct* | *-33.65* | |
| 21 13 13 00-0033 | EA | 1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head | 92.48 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-7.07* | |
| | | *For >100 To 500, Deduct* | *-12.78* | |
| | | *For >500 To 1,000, Deduct* | *-24.95* | |
| | | *For >1,000, Deduct* | *-34.72* | |
| 21 13 13 00-0034 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head | 86.50 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.77* | |
| | | *For >100 To 500, Deduct* | *-12.03* | |
| | | *For >500 To 1,000, Deduct* | *-23.88* | |
| | | *For >1,000, Deduct* | *-33.65* | |
| 21 13 13 00-0035 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head | 92.48 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-7.07* | |
| | | *For >100 To 500, Deduct* | *-12.78* | |
| | | *For >500 To 1,000, Deduct* | *-24.95* | |
| | | *For >1,000, Deduct* | *-34.72* | |
| 21 13 13 00-0036 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head | 78.76 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.38* | |
| | | *For >100 To 500, Deduct* | *-11.07* | |
| | | *For >500 To 1,000, Deduct* | *-22.48* | |
| | | *For >1,000, Deduct* | *-32.26* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0037 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head | 81.68 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.53* | |
| | | *For >100 To 500, Deduct* | *-11.43* | |
| | | *For >500 To 1,000, Deduct* | *-23.01* | |
| | | *For >1,000, Deduct* | *-32.78* | |
| 21 13 13 00-0038 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head | 80.94 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.76* | |
| | | *For >100 To 500, Deduct* | *-11.47* | |
| | | *For >500 To 1,000, Deduct* | *-23.80* | |
| | | *For >1,000, Deduct* | *-34.66* | |
| 21 13 13 00-0039 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head | 84.35 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.93* | |
| | | *For >100 To 500, Deduct* | *-11.90* | |
| | | *For >500 To 1,000, Deduct* | *-24.41* | |
| | | *For >1,000, Deduct* | *-35.27* | |
| 21 13 13 00-0040 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head | 85.04 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.97* | |
| | | *For >100 To 500, Deduct* | *-11.99* | |
| | | *For >500 To 1,000, Deduct* | *-24.54* | |
| | | *For >1,000, Deduct* | *-35.39* | |
| 21 13 13 00-0041 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head | 80.94 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.76* | |
| | | *For >100 To 500, Deduct* | *-11.47* | |
| | | *For >500 To 1,000, Deduct* | *-23.80* | |
| | | *For >1,000, Deduct* | *-34.66* | |
| 21 13 13 00-0042 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head | 84.35 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.93* | |
| | | *For >100 To 500, Deduct* | *-11.90* | |
| | | *For >500 To 1,000, Deduct* | *-24.41* | |
| | | *For >1,000, Deduct* | *-35.27* | |
| 21 13 13 00-0043 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head | 85.04 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.97* | |
| | | *For >100 To 500, Deduct* | *-11.99* | |
| | | *For >500 To 1,000, Deduct* | *-24.54* | |
| | | *For >1,000, Deduct* | *-35.39* | |
| 21 13 13 00-0044 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head | 77.22 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.30* | |
| | | *For >100 To 500, Deduct* | *-10.87* | |
| | | *For >500 To 1,000, Deduct* | *-22.21* | |
| | | *For >1,000, Deduct* | *-31.98* | |
| 21 13 13 00-0045 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head | 79.45 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.42* | |
| | | *For >100 To 500, Deduct* | *-11.15* | |
| | | *For >500 To 1,000, Deduct* | *-22.61* | |
| | | *For >1,000, Deduct* | *-32.38* | |
| 21 13 13 00-0046 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head | 79.88 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.44* | |
| | | *For >100 To 500, Deduct* | *-11.21* | |
| | | *For >500 To 1,000, Deduct* | *-22.68* | |
| | | *For >1,000, Deduct* | *-32.46* | |
| 21 13 13 00-0047 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head | 77.22 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.30* | |
| | | *For >100 To 500, Deduct* | *-10.87* | |
| | | *For >500 To 1,000, Deduct* | *-22.21* | |
| | | *For >1,000, Deduct* | *-31.98* | |
| 21 13 13 00-0048 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head | 79.45 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.42* | |
| | | *For >100 To 500, Deduct* | *-11.15* | |
| | | *For >500 To 1,000, Deduct* | *-22.61* | |
| | | *For >1,000, Deduct* | *-32.38* | |
| 21 13 13 00-0049 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head | 79.88 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.44* | |
| | | *For >100 To 500, Deduct* | *-11.21* | |
| | | *For >500 To 1,000, Deduct* | *-22.68* | |
| | | *For >1,000, Deduct* | *-32.46* | |
| 21 13 13 00-0050 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head | 79.87 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.44* | |
| | | *For >100 To 500, Deduct* | *-11.21* | |
| | | *For >500 To 1,000, Deduct* | *-22.68* | |
| | | *For >1,000, Deduct* | *-32.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0051 | EA | 3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head | 104.87 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.96* | |
| | | *For >100 To 500, Deduct* | *-14.47* | |
| | | *For >500 To 1,000, Deduct* | *-28.11* | |
| | | *For >1,000, Deduct* | *-38.96* | |
| 21 13 13 00-0052 | EA | 3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head | 107.44 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-8.09* | |
| | | *For >100 To 500, Deduct* | *-14.79* | |
| | | *For >500 To 1,000, Deduct* | *-28.57* | |
| | | *For >1,000, Deduct* | *-39.43* | |
| 21 13 13 00-0053 | EA | 3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head | 107.44 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-8.09* | |
| | | *For >100 To 500, Deduct* | *-14.79* | |
| | | *For >500 To 1,000, Deduct* | *-28.57* | |
| | | *For >1,000, Deduct* | *-39.43* | |
| 21 13 13 00-0054 | EA | 3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head | 87.56 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.09* | |
| | | *For >100 To 500, Deduct* | *-12.30* | |
| | | *For >500 To 1,000, Deduct* | *-24.99* | |
| | | *For >1,000, Deduct* | *-35.85* | |
| 21 13 13 00-0055 | EA | 3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head | 89.32 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.18* | |
| | | *For >100 To 500, Deduct* | *-12.52* | |
| | | *For >500 To 1,000, Deduct* | *-25.31* | |
| | | *For >1,000, Deduct* | *-36.16* | |
| 21 13 13 00-0056 | EA | 3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head | 89.32 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.18* | |
| | | *For >100 To 500, Deduct* | *-12.52* | |
| | | *For >500 To 1,000, Deduct* | *-25.31* | |
| | | *For >1,000, Deduct* | *-36.16* | |
| 21 13 13 00-0057 | EA | 1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head | 231.71 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-14.03* | |
| | | *For >100 To 500, Deduct* | *-30.19* | |
| | | *For >500 To 1,000, Deduct* | *-50.01* | |
| | | *For >1,000, Deduct* | *-59.79* | |
| 21 13 13 00-0058 | EA | 3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head | 255.26 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-15.48* | |
| | | *For >100 To 500, Deduct* | *-33.26* | |
| | | *For >500 To 1,000, Deduct* | *-55.18* | |
| | | *For >1,000, Deduct* | *-66.03* | |
| 21 13 13 00-0059 | EA | 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head | 128.92 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-8.89* | |
| | | *For >100 To 500, Deduct* | *-17.34* | |
| | | *For >500 To 1,000, Deduct* | *-31.51* | |
| | | *For >1,000, Deduct* | *-41.28* | |
| 21 13 13 00-0060 | EA | 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head | 155.70 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-10.23* | |
| | | *For >100 To 500, Deduct* | *-20.68* | |
| | | *For >500 To 1,000, Deduct* | *-36.33* | |
| | | *For >1,000, Deduct* | *-46.10* | |
| 21 13 13 00-0061 | EA | 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head | 267.68 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-15.83* | |
| | | *For >100 To 500, Deduct* | *-34.68* | |
| | | *For >500 To 1,000, Deduct* | *-56.49* | |
| | | *For >1,000, Deduct* | *-66.26* | |
| 21 13 13 00-0062 | EA | 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head | 337.47 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-19.32* | |
| | | *For >100 To 500, Deduct* | *-43.41* | |
| | | *For >500 To 1,000, Deduct* | *-69.05* | |
| | | *For >1,000, Deduct* | *-78.82* | |
| 21 13 13 00-0063 | EA | 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head | 161.13 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-10.77* | |
| | | *For >100 To 500, Deduct* | *-21.50* | |
| | | *For >500 To 1,000, Deduct* | *-38.23* | |
| | | *For >1,000, Deduct* | *-49.09* | |
| 21 13 13 00-0064 | EA | 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head | 161.94 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-10.81* | |
| | | *For >100 To 500, Deduct* | *-21.60* | |
| | | *For >500 To 1,000, Deduct* | *-38.38* | |
| | | *For >1,000, Deduct* | *-49.24* | |

21 13 13 00-0065 Conventional Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0066 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head | 70.77 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-5.98* | |
| | | *For >100 To 500, Deduct* | *-10.07* | |
| | | *For >500 To 1,000, Deduct* | *-21.04* | |
| | | *For >1,000, Deduct* | *-30.82* | |
| 21 13 13 00-0067 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head | 73.00 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.09* | |
| | | *For >100 To 500, Deduct* | *-10.35* | |
| | | *For >500 To 1,000, Deduct* | *-21.45* | |
| | | *For >1,000, Deduct* | *-31.22* | |
| 21 13 13 00-0068 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head | 74.43 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.16* | |
| | | *For >100 To 500, Deduct* | *-10.53* | |
| | | *For >500 To 1,000, Deduct* | *-21.70* | |
| | | *For >1,000, Deduct* | *-31.48* | |
| 21 13 13 00-0069 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head | 81.73 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.80* | |
| | | *For >100 To 500, Deduct* | *-11.57* | |
| | | *For >500 To 1,000, Deduct* | *-23.94* | |
| | | *For >1,000, Deduct* | *-34.80* | |
| 21 13 13 00-0070 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head | 84.35 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.93* | |
| | | *For >100 To 500, Deduct* | *-11.90* | |
| | | *For >500 To 1,000, Deduct* | *-24.41* | |
| | | *For >1,000, Deduct* | *-35.27* | |
| 21 13 13 00-0071 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head | 84.76 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.95* | |
| | | *For >100 To 500, Deduct* | *-11.95* | |
| | | *For >500 To 1,000, Deduct* | *-24.49* | |
| | | *For >1,000, Deduct* | *-35.34* | |
| 21 13 13 00-0072 | EA | 1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head | 231.71 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-14.03* | |
| | | *For >100 To 500, Deduct* | *-30.19* | |
| | | *For >500 To 1,000, Deduct* | *-50.01* | |
| | | *For >1,000, Deduct* | *-59.79* | |

### 21 13 13 00-0073 Pendant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

See CSI section 21 13 13 00-0209 for escutcheon for recessed pendent sprinkler head.

| | | | | |
|---|---|---|---|---|
| 21 13 13 00-0074 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head | 70.77 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-5.98* | |
| | | *For >100 To 500, Deduct* | *-10.07* | |
| | | *For >500 To 1,000, Deduct* | *-21.04* | |
| | | *For >1,000, Deduct* | *-30.82* | |
| 21 13 13 00-0075 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head | 73.00 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.09* | |
| | | *For >100 To 500, Deduct* | *-10.35* | |
| | | *For >500 To 1,000, Deduct* | *-21.45* | |
| | | *For >1,000, Deduct* | *-31.22* | |
| 21 13 13 00-0076 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 74.43 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.16* | |
| | | *For >100 To 500, Deduct* | *-10.53* | |
| | | *For >500 To 1,000, Deduct* | *-21.70* | |
| | | *For >1,000, Deduct* | *-31.48* | |
| 21 13 13 00-0077 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head | 80.94 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.76* | |
| | | *For >100 To 500, Deduct* | *-11.47* | |
| | | *For >500 To 1,000, Deduct* | *-23.80* | |
| | | *For >1,000, Deduct* | *-34.66* | |
| 21 13 13 00-0078 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head | 84.35 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.93* | |
| | | *For >100 To 500, Deduct* | *-11.90* | |
| | | *For >500 To 1,000, Deduct* | *-24.41* | |
| | | *For >1,000, Deduct* | *-35.27* | |
| 21 13 13 00-0079 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 85.04 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.97* | |
| | | *For >100 To 500, Deduct* | *-11.99* | |
| | | *For >500 To 1,000, Deduct* | *-24.54* | |
| | | *For >1,000, Deduct* | *-35.39* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0080 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head | 77.22 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.30* | |
| | | *For >100 To 500, Deduct* | *-10.87* | |
| | | *For >500 To 1,000, Deduct* | *-22.21* | |
| | | *For >1,000, Deduct* | *-31.98* | |
| 21 13 13 00-0081 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head | 79.45 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.42* | |
| | | *For >100 To 500, Deduct* | *-11.15* | |
| | | *For >500 To 1,000, Deduct* | *-22.61* | |
| | | *For >1,000, Deduct* | *-32.38* | |
| 21 13 13 00-0082 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 79.88 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.44* | |
| | | *For >100 To 500, Deduct* | *-11.21* | |
| | | *For >500 To 1,000, Deduct* | *-22.68* | |
| | | *For >1,000, Deduct* | *-32.46* | |
| 21 13 13 00-0083 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head | 77.22 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.30* | |
| | | *For >100 To 500, Deduct* | *-10.87* | |
| | | *For >500 To 1,000, Deduct* | *-22.21* | |
| | | *For >1,000, Deduct* | *-31.98* | |
| 21 13 13 00-0084 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head | 79.45 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.42* | |
| | | *For >100 To 500, Deduct* | *-11.15* | |
| | | *For >500 To 1,000, Deduct* | *-22.61* | |
| | | *For >1,000, Deduct* | *-32.38* | |
| 21 13 13 00-0085 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 79.88 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.44* | |
| | | *For >100 To 500, Deduct* | *-11.21* | |
| | | *For >500 To 1,000, Deduct* | *-22.68* | |
| | | *For >1,000, Deduct* | *-32.46* | |
| 21 13 13 00-0086 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead | 77.22 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.30* | |
| | | *For >100 To 500, Deduct* | *-10.87* | |
| | | *For >500 To 1,000, Deduct* | *-22.21* | |
| | | *For >1,000, Deduct* | *-31.98* | |
| 21 13 13 00-0087 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead | 79.45 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.42* | |
| | | *For >100 To 500, Deduct* | *-11.15* | |
| | | *For >500 To 1,000, Deduct* | *-22.61* | |
| | | *For >1,000, Deduct* | *-32.38* | |
| 21 13 13 00-0088 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead | 79.88 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.44* | |
| | | *For >100 To 500, Deduct* | *-11.21* | |
| | | *For >500 To 1,000, Deduct* | *-22.68* | |
| | | *For >1,000, Deduct* | *-32.46* | |
| 21 13 13 00-0089 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead | 70.77 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-5.98* | |
| | | *For >100 To 500, Deduct* | *-10.07* | |
| | | *For >500 To 1,000, Deduct* | *-21.04* | |
| | | *For >1,000, Deduct* | *-30.82* | |
| 21 13 13 00-0090 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead | 73.00 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.09* | |
| | | *For >100 To 500, Deduct* | *-10.35* | |
| | | *For >500 To 1,000, Deduct* | *-21.45* | |
| | | *For >1,000, Deduct* | *-31.22* | |
| 21 13 13 00-0091 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead | 74.43 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.16* | |
| | | *For >100 To 500, Deduct* | *-10.53* | |
| | | *For >500 To 1,000, Deduct* | *-21.70* | |
| | | *For >1,000, Deduct* | *-31.48* | |
| 21 13 13 00-0092 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head | 71.89 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.04* | |
| | | *For >100 To 500, Deduct* | *-10.21* | |
| | | *For >500 To 1,000, Deduct* | *-21.25* | |
| | | *For >1,000, Deduct* | *-31.02* | |
| 21 13 13 00-0093 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head | 73.47 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.12* | |
| | | *For >100 To 500, Deduct* | *-10.41* | |
| | | *For >500 To 1,000, Deduct* | *-21.53* | |
| | | *For >1,000, Deduct* | *-31.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0094 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 74.91 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.19* | |
| | | *For >100 To 500, Deduct* | *-10.59* | |
| | | *For >500 To 1,000, Deduct* | *-21.79* | |
| | | *For >1,000, Deduct* | *-31.56* | |
| 21 13 13 00-0095 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head | 83.05 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.87* | |
| | | *For >100 To 500, Deduct* | *-11.74* | |
| | | *For >500 To 1,000, Deduct* | *-24.18* | |
| | | *For >1,000, Deduct* | *-35.04* | |
| 21 13 13 00-0096 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head | 85.94 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.01* | |
| | | *For >100 To 500, Deduct* | *-12.10* | |
| | | *For >500 To 1,000, Deduct* | *-24.70* | |
| | | *For >1,000, Deduct* | *-35.56* | |
| 21 13 13 00-0097 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 85.94 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.01* | |
| | | *For >100 To 500, Deduct* | *-12.10* | |
| | | *For >500 To 1,000, Deduct* | *-24.70* | |
| | | *For >1,000, Deduct* | *-35.56* | |
| 21 13 13 00-0098 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head | 78.76 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.38* | |
| | | *For >100 To 500, Deduct* | *-11.07* | |
| | | *For >500 To 1,000, Deduct* | *-22.48* | |
| | | *For >1,000, Deduct* | *-32.26* | |
| 21 13 13 00-0099 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head | 81.68 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.53* | |
| | | *For >100 To 500, Deduct* | *-11.43* | |
| | | *For >500 To 1,000, Deduct* | *-23.01* | |
| | | *For >1,000, Deduct* | *-32.78* | |
| 21 13 13 00-0100 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head | 86.06 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.75* | |
| | | *For >100 To 500, Deduct* | *-11.98* | |
| | | *For >500 To 1,000, Deduct* | *-23.80* | |
| | | *For >1,000, Deduct* | *-33.57* | |
| 21 13 13 00-0101 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head | 90.84 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.99* | |
| | | *For >100 To 500, Deduct* | *-12.58* | |
| | | *For >500 To 1,000, Deduct* | *-24.66* | |
| | | *For >1,000, Deduct* | *-34.43* | |
| 21 13 13 00-0102 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head | 86.06 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.75* | |
| | | *For >100 To 500, Deduct* | *-11.98* | |
| | | *For >500 To 1,000, Deduct* | *-23.80* | |
| | | *For >1,000, Deduct* | *-33.57* | |
| 21 13 13 00-0103 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head | 90.84 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.99* | |
| | | *For >100 To 500, Deduct* | *-12.58* | |
| | | *For >500 To 1,000, Deduct* | *-24.66* | |
| | | *For >1,000, Deduct* | *-34.43* | |
| 21 13 13 00-0104 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head | 74.98 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.19* | |
| | | *For >100 To 500, Deduct* | *-10.59* | |
| | | *For >500 To 1,000, Deduct* | *-21.80* | |
| | | *For >1,000, Deduct* | *-31.57* | |
| 21 13 13 00-0105 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head | 77.49 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.32* | |
| | | *For >100 To 500, Deduct* | *-10.91* | |
| | | *For >500 To 1,000, Deduct* | *-22.25* | |
| | | *For >1,000, Deduct* | *-32.03* | |
| 21 13 13 00-0106 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 78.81 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.38* | |
| | | *For >100 To 500, Deduct* | *-11.07* | |
| | | *For >500 To 1,000, Deduct* | *-22.49* | |
| | | *For >1,000, Deduct* | *-32.26* | |
| 21 13 13 00-0107 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head | 82.00 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.81* | |
| | | *For >100 To 500, Deduct* | *-11.61* | |
| | | *For >500 To 1,000, Deduct* | *-23.99* | |
| | | *For >1,000, Deduct* | *-34.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0108 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head | 84.48 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.94* | |
| | | *For >100 To 500, Deduct* | *-11.92* | |
| | | *For >500 To 1,000, Deduct* | *-24.44* | |
| | | *For >1,000, Deduct* | *-35.29* | |
| 21 13 13 00-0109 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 86.88 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.06* | |
| | | *For >100 To 500, Deduct* | *-12.22* | |
| | | *For >500 To 1,000, Deduct* | *-24.87* | |
| | | *For >1,000, Deduct* | *-35.73* | |
| 21 13 13 00-0110 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head | 76.40 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.26* | |
| | | *For >100 To 500, Deduct* | *-10.77* | |
| | | *For >500 To 1,000, Deduct* | *-22.06* | |
| | | *For >1,000, Deduct* | *-31.83* | |
| 21 13 13 00-0111 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head | 78.86 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.39* | |
| | | *For >100 To 500, Deduct* | *-11.08* | |
| | | *For >500 To 1,000, Deduct* | *-22.50* | |
| | | *For >1,000, Deduct* | *-32.27* | |
| 21 13 13 00-0112 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 80.20 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.45* | |
| | | *For >100 To 500, Deduct* | *-11.25* | |
| | | *For >500 To 1,000, Deduct* | *-22.74* | |
| | | *For >1,000, Deduct* | *-32.51* | |
| 21 13 13 00-0113 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head | 83.05 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.87* | |
| | | *For >100 To 500, Deduct* | *-11.74* | |
| | | *For >500 To 1,000, Deduct* | *-24.18* | |
| | | *For >1,000, Deduct* | *-35.04* | |
| 21 13 13 00-0114 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head | 85.63 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.00* | |
| | | *For >100 To 500, Deduct* | *-12.06* | |
| | | *For >500 To 1,000, Deduct* | *-24.64* | |
| | | *For >1,000, Deduct* | *-35.50* | |
| 21 13 13 00-0115 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 88.13 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 500, Deduct* | *-12.37* | |
| | | *For >500 To 1,000, Deduct* | *-25.09* | |
| | | *For >1,000, Deduct* | *-35.95* | |
| 21 13 13 00-0116 | EA | 1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head | 115.52 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-8.22* | |
| | | *For >100 To 500, Deduct* | *-15.66* | |
| | | *For >500 To 1,000, Deduct* | *-29.10* | |
| | | *For >1,000, Deduct* | *-38.87* | |
| 21 13 13 00-0117 | EA | 1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head | 115.52 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-8.22* | |
| | | *For >100 To 500, Deduct* | *-15.66* | |
| | | *For >500 To 1,000, Deduct* | *-29.10* | |
| | | *For >1,000, Deduct* | *-38.87* | |
| 21 13 13 00-0118 | EA | 3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head | 90.13 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.22* | |
| | | *For >100 To 500, Deduct* | *-12.62* | |
| | | *For >500 To 1,000, Deduct* | *-25.45* | |
| | | *For >1,000, Deduct* | *-36.31* | |
| 21 13 13 00-0119 | EA | 3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head | 92.02 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.32* | |
| | | *For >100 To 500, Deduct* | *-12.86* | |
| | | *For >500 To 1,000, Deduct* | *-25.79* | |
| | | *For >1,000, Deduct* | *-36.65* | |
| 21 13 13 00-0120 | EA | 3/4" NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 92.02 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.32* | |
| | | *For >100 To 500, Deduct* | *-12.86* | |
| | | *For >500 To 1,000, Deduct* | *-25.79* | |
| | | *For >1,000, Deduct* | *-36.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0121 | EA | 3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head | 87.56 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.09* | |
| | | *For >100 To 500, Deduct* | *-12.30* | |
| | | *For >500 To 1,000, Deduct* | *-24.99* | |
| | | *For >1,000, Deduct* | *-35.85* | |
| 21 13 13 00-0122 | EA | 3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head | 89.32 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.18* | |
| | | *For >100 To 500, Deduct* | *-12.52* | |
| | | *For >500 To 1,000, Deduct* | *-25.31* | |
| | | *For >1,000, Deduct* | *-36.16* | |
| 21 13 13 00-0123 | EA | 3/4" NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head | 89.32 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.18* | |
| | | *For >100 To 500, Deduct* | *-12.52* | |
| | | *For >500 To 1,000, Deduct* | *-25.31* | |
| | | *For >1,000, Deduct* | *-36.16* | |
| 21 13 13 00-0124 | EA | 1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head | 231.71 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-14.03* | |
| | | *For >100 To 500, Deduct* | *-30.19* | |
| | | *For >500 To 1,000, Deduct* | *-50.01* | |
| | | *For >1,000, Deduct* | *-59.79* | |
| 21 13 13 00-0125 | EA | 3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head | 255.26 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-15.48* | |
| | | *For >100 To 500, Deduct* | *-33.26* | |
| | | *For >500 To 1,000, Deduct* | *-55.18* | |
| | | *For >1,000, Deduct* | *-66.03* | |
| 21 13 13 00-0126 | EA | 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head | 128.92 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-8.89* | |
| | | *For >100 To 500, Deduct* | *-17.34* | |
| | | *For >500 To 1,000, Deduct* | *-31.51* | |
| | | *For >1,000, Deduct* | *-41.28* | |
| 21 13 13 00-0127 | EA | 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head | 155.70 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-10.23* | |
| | | *For >100 To 500, Deduct* | *-20.68* | |
| | | *For >500 To 1,000, Deduct* | *-36.33* | |
| | | *For >1,000, Deduct* | *-46.10* | |
| 21 13 13 00-0128 | EA | 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head | 267.68 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-15.83* | |
| | | *For >100 To 500, Deduct* | *-34.68* | |
| | | *For >500 To 1,000, Deduct* | *-56.49* | |
| | | *For >1,000, Deduct* | *-66.26* | |
| 21 13 13 00-0129 | EA | 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head | 337.47 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-19.32* | |
| | | *For >100 To 500, Deduct* | *-43.41* | |
| | | *For >500 To 1,000, Deduct* | *-69.05* | |
| | | *For >1,000, Deduct* | *-78.82* | |
| 21 13 13 00-0130 | EA | 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head | 161.13 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-10.77* | |
| | | *For >100 To 500, Deduct* | *-21.50* | |
| | | *For >500 To 1,000, Deduct* | *-38.23* | |
| | | *For >1,000, Deduct* | *-49.09* | |
| 21 13 13 00-0131 | EA | 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head | 161.94 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-10.81* | |
| | | *For >100 To 500, Deduct* | *-21.60* | |
| | | *For >500 To 1,000, Deduct* | *-38.38* | |
| | | *For >1,000, Deduct* | *-49.24* | |

21 13 13 00-0132 Sidewall Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0133 Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*

| | | | | |
|---|---|---|---|---|
| 21 13 13 00-0134 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 74.11 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.15* | |
| | | *For >100 To 500, Deduct* | *-10.49* | |
| | | *For >500 To 1,000, Deduct* | *-21.65* | |
| | | *For >1,000, Deduct* | *-31.42* | |
| 21 13 13 00-0135 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 75.90 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.24* | |
| | | *For >100 To 500, Deduct* | *-10.71* | |
| | | *For >500 To 1,000, Deduct* | *-21.97* | |
| | | *For >1,000, Deduct* | *-31.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0136 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head | 78.72 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.38* | |
| | | *For >100 To 500, Deduct* | *-11.06* | |
| | | *For >500 To 1,000, Deduct* | *-22.48* | |
| | | *For >1,000, Deduct* | *-32.25* | |
| 21 13 13 00-0137 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 75.12 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.20* | |
| | | *For >100 To 500, Deduct* | *-10.61* | |
| | | *For >500 To 1,000, Deduct* | *-21.83* | |
| | | *For >1,000, Deduct* | *-31.60* | |
| 21 13 13 00-0138 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 76.94 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.29* | |
| | | *For >100 To 500, Deduct* | *-10.84* | |
| | | *For >500 To 1,000, Deduct* | *-22.16* | |
| | | *For >1,000, Deduct* | *-31.93* | |
| 21 13 13 00-0139 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head | 79.82 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.43* | |
| | | *For >100 To 500, Deduct* | *-11.20* | |
| | | *For >500 To 1,000, Deduct* | *-22.67* | |
| | | *For >1,000, Deduct* | *-32.45* | |
| 21 13 13 00-0140 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 81.68 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.53* | |
| | | *For >100 To 500, Deduct* | *-11.43* | |
| | | *For >500 To 1,000, Deduct* | *-23.01* | |
| | | *For >1,000, Deduct* | *-32.78* | |
| 21 13 13 00-0141 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 84.59 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.67* | |
| | | *For >100 To 500, Deduct* | *-11.80* | |
| | | *For >500 To 1,000, Deduct* | *-23.53* | |
| | | *For >1,000, Deduct* | *-33.30* | |
| 21 13 13 00-0142 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 88.59 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.14* | |
| | | *For >100 To 500, Deduct* | *-12.43* | |
| | | *For >500 To 1,000, Deduct* | *-25.18* | |
| | | *For >1,000, Deduct* | *-36.03* | |
| 21 13 13 00-0143 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 92.95 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.36* | |
| | | *For >100 To 500, Deduct* | *-12.98* | |
| | | *For >500 To 1,000, Deduct* | *-25.96* | |
| | | *For >1,000, Deduct* | *-36.82* | |
| 21 13 13 00-0144 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 87.96 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.84* | |
| | | *For >100 To 500, Deduct* | *-12.22* | |
| | | *For >500 To 1,000, Deduct* | *-24.14* | |
| | | *For >1,000, Deduct* | *-33.91* | |
| 21 13 13 00-0145 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 90.84 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.99* | |
| | | *For >100 To 500, Deduct* | *-12.58* | |
| | | *For >500 To 1,000, Deduct* | *-24.66* | |
| | | *For >1,000, Deduct* | *-34.43* | |
| 21 13 13 00-0146 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 87.96 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.84* | |
| | | *For >100 To 500, Deduct* | *-12.22* | |
| | | *For >500 To 1,000, Deduct* | *-24.14* | |
| | | *For >1,000, Deduct* | *-33.91* | |
| 21 13 13 00-0147 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 90.84 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.99* | |
| | | *For >100 To 500, Deduct* | *-12.58* | |
| | | *For >500 To 1,000, Deduct* | *-24.66* | |
| | | *For >1,000, Deduct* | *-34.43* | |
| 21 13 13 00-0148 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 72.59 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.07* | |
| | | *For >100 To 500, Deduct* | *-10.30* | |
| | | *For >500 To 1,000, Deduct* | *-21.37* | |
| | | *For >1,000, Deduct* | *-31.14* | |
| 21 13 13 00-0149 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 74.06 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.15* | |
| | | *For >100 To 500, Deduct* | *-10.48* | |
| | | *For >500 To 1,000, Deduct* | *-21.64* | |
| | | *For >1,000, Deduct* | *-31.41* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0150 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head | 75.90 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.24* | |
| | | *For >100 To 500, Deduct* | *-10.71* | |
| | | *For >500 To 1,000, Deduct* | *-21.97* | |
| | | *For >1,000, Deduct* | *-31.74* | |
| 21 13 13 00-0151 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 79.75 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.70* | |
| | | *For >100 To 500, Deduct* | *-11.33* | |
| | | *For >500 To 1,000, Deduct* | *-23.58* | |
| | | *For >1,000, Deduct* | *-34.44* | |
| 21 13 13 00-0152 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 81.33 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.78* | |
| | | *For >100 To 500, Deduct* | *-11.52* | |
| | | *For >500 To 1,000, Deduct* | *-23.87* | |
| | | *For >1,000, Deduct* | *-34.73* | |
| 21 13 13 00-0153 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head | 83.04 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.87* | |
| | | *For >100 To 500, Deduct* | *-11.74* | |
| | | *For >500 To 1,000, Deduct* | *-24.18* | |
| | | *For >1,000, Deduct* | *-35.03* | |
| 21 13 13 00-0154 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 81.00 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.76* | |
| | | *For >100 To 500, Deduct* | *-11.48* | |
| | | *For >500 To 1,000, Deduct* | *-23.81* | |
| | | *For >1,000, Deduct* | *-34.67* | |
| 21 13 13 00-0155 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 82.65 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.85* | |
| | | *For >100 To 500, Deduct* | *-11.69* | |
| | | *For >500 To 1,000, Deduct* | *-24.11* | |
| | | *For >1,000, Deduct* | *-34.96* | |
| 21 13 13 00-0156 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head | 84.43 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.94* | |
| | | *For >100 To 500, Deduct* | *-11.91* | |
| | | *For >500 To 1,000, Deduct* | *-24.43* | |
| | | *For >1,000, Deduct* | *-35.28* | |
| 21 13 13 00-0157 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 84.45 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-6.94* | |
| | | *For >100 To 500, Deduct* | *-11.91* | |
| | | *For >500 To 1,000, Deduct* | *-24.43* | |
| | | *For >1,000, Deduct* | *-35.29* | |
| 21 13 13 00-0158 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 86.88 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.06* | |
| | | *For >100 To 500, Deduct* | *-12.22* | |
| | | *For >500 To 1,000, Deduct* | *-24.87* | |
| | | *For >1,000, Deduct* | *-35.73* | |
| 21 13 13 00-0159 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head | 86.88 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-7.06* | |
| | | *For >100 To 500, Deduct* | *-12.22* | |
| | | *For >500 To 1,000, Deduct* | *-24.87* | |
| | | *For >1,000, Deduct* | *-35.73* | |
| 21 13 13 00-0160 | EA | 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 131.62 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-9.02* | |
| | | *For >100 To 500, Deduct* | *-17.67* | |
| | | *For >500 To 1,000, Deduct* | *-32.00* | |
| | | *For >1,000, Deduct* | *-41.77* | |
| 21 13 13 00-0161 | EA | 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head | 131.62 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-9.02* | |
| | | *For >100 To 500, Deduct* | *-17.67* | |
| | | *For >500 To 1,000, Deduct* | *-32.00* | |
| | | *For >1,000, Deduct* | *-41.77* | |
| 21 13 13 00-0162 | EA | 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 73.20 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.10* | |
| | | *For >100 To 500, Deduct* | *-10.37* | |
| | | *For >500 To 1,000, Deduct* | *-21.48* | |
| | | *For >1,000, Deduct* | *-31.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0163 | EA | 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 73.20 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.10* | |
| | | *For >100 To 500, Deduct* | *-10.37* | |
| | | *For >500 To 1,000, Deduct* | *-21.48* | |
| | | *For >1,000, Deduct* | *-31.25* | |
| 21 13 13 00-0164 | EA | 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head | 73.20 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.10* | |
| | | *For >100 To 500, Deduct* | *-10.37* | |
| | | *For >500 To 1,000, Deduct* | *-21.48* | |
| | | *For >1,000, Deduct* | *-31.25* | |

## 21 13 13 00-0165 Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*

| | | | | |
|---|---|---|---|---|
| 21 13 13 00-0166 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head | 76.43 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.26* | |
| | | *For >100 To 500, Deduct* | *-10.78* | |
| | | *For >500 To 1,000, Deduct* | *-22.06* | |
| | | *For >1,000, Deduct* | *-31.84* | |
| 21 13 13 00-0167 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head | 78.66 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.38* | |
| | | *For >100 To 500, Deduct* | *-11.05* | |
| | | *For >500 To 1,000, Deduct* | *-22.47* | |
| | | *For >1,000, Deduct* | *-32.24* | |
| 21 13 13 00-0168 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head | 79.61 | 12.21 |
| | | *For >25 To 50, Deduct* | *-2.44* | |
| | | *For >50 To 100, Deduct* | *-6.42* | |
| | | *For >100 To 500, Deduct* | *-11.17* | |
| | | *For >500 To 1,000, Deduct* | *-22.64* | |
| | | *For >1,000, Deduct* | *-32.41* | |

## 21 13 13 00-0169 Concealed Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

## 21 13 13 00-0170 Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*

| | | | | |
|---|---|---|---|---|
| 21 13 13 00-0171 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead<br>Note: Excludes coverplate | 108.98 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-8.71* | |
| | | *For >100 To 500, Deduct* | *-15.25* | |
| | | *For >500 To 1,000, Deduct* | *-30.69* | |
| | | *For >1,000, Deduct* | *-43.72* | |
| 21 13 13 00-0172 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 82.81 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-7.40* | |
| | | *For >100 To 500, Deduct* | *-11.98* | |
| | | *For >500 To 1,000, Deduct* | *-25.98* | |
| | | *For >1,000, Deduct* | *-39.01* | |
| 21 13 13 00-0173 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 83.77 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-7.45* | |
| | | *For >100 To 500, Deduct* | *-12.10* | |
| | | *For >500 To 1,000, Deduct* | *-26.15* | |
| | | *For >1,000, Deduct* | *-39.18* | |
| 21 13 13 00-0174 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 102.18 | 17.65 |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-8.64* | |
| | | *For >100 To 500, Deduct* | *-14.54* | |
| | | *For >500 To 1,000, Deduct* | *-30.39* | |
| | | *For >1,000, Deduct* | *-44.51* | |
| 21 13 13 00-0175 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 96.74 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-8.09* | |
| | | *For >100 To 500, Deduct* | *-13.72* | |
| | | *For >500 To 1,000, Deduct* | *-28.49* | |
| | | *For >1,000, Deduct* | *-41.52* | |
| 21 13 13 00-0176 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 96.74 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-8.09* | |
| | | *For >100 To 500, Deduct* | *-13.72* | |
| | | *For >500 To 1,000, Deduct* | *-28.49* | |
| | | *For >1,000, Deduct* | *-41.52* | |
| 21 13 13 00-0177 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 102.18 | 17.65 |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-8.64* | |
| | | *For >100 To 500, Deduct* | *-14.54* | |
| | | *For >500 To 1,000, Deduct* | *-30.39* | |
| | | *For >1,000, Deduct* | *-44.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0178 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 90.62 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-7.79* | |
| | | *For >100 To 500, Deduct* | *-12.96* | |
| | | *For >500 To 1,000, Deduct* | *-27.39* | |
| | | *For >1,000, Deduct* | *-40.41* | |
| 21 13 13 00-0179 | EA | 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 96.74 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-8.09* | |
| | | *For >100 To 500, Deduct* | *-13.72* | |
| | | *For >500 To 1,000, Deduct* | *-28.49* | |
| | | *For >1,000, Deduct* | *-41.52* | |
| 21 13 13 00-0180 | EA | 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 96.74 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-8.09* | |
| | | *For >100 To 500, Deduct* | *-13.72* | |
| | | *For >500 To 1,000, Deduct* | *-28.49* | |
| | | *For >1,000, Deduct* | *-41.52* | |
| 21 13 13 00-0181 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 92.07 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-7.86* | |
| | | *For >100 To 500, Deduct* | *-13.14* | |
| | | *For >500 To 1,000, Deduct* | *-27.65* | |
| | | *For >1,000, Deduct* | *-40.67* | |
| 21 13 13 00-0182 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 144.09 | 19.00 |
| | | *For >25 To 50, Deduct* | *-3.80* | |
| | | *For >50 To 100, Deduct* | *-11.00* | |
| | | *For >100 To 500, Deduct* | *-19.91* | |
| | | *For >500 To 1,000, Deduct* | *-38.86* | |
| | | *For >1,000, Deduct* | *-54.06* | |
| 21 13 13 00-0183 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 87.57 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-7.64* | |
| | | *For >100 To 500, Deduct* | *-12.57* | |
| | | *For >500 To 1,000, Deduct* | *-26.84* | |
| | | *For >1,000, Deduct* | *-39.86* | |
| 21 13 13 00-0184 | EA | 3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 92.61 | 17.65 |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-8.16* | |
| | | *For >100 To 500, Deduct* | *-13.34* | |
| | | *For >500 To 1,000, Deduct* | *-28.67* | |
| | | *For >1,000, Deduct* | *-42.78* | |
| 21 13 13 00-0185 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 88.43 | 16.29 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-7.68* | |
| | | *For >100 To 500, Deduct* | *-12.68* | |
| | | *For >500 To 1,000, Deduct* | *-26.99* | |
| | | *For >1,000, Deduct* | *-40.02* | |
| 21 13 13 00-0186 | EA | 3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 93.87 | 17.65 |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-8.22* | |
| | | *For >100 To 500, Deduct* | *-13.50* | |
| | | *For >500 To 1,000, Deduct* | *-28.90* | |
| | | *For >1,000, Deduct* | *-43.01* | |
| 21 13 13 00-0187 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head<br>Note: Excludes coverplate | 102.58 | 17.65 |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-8.66* | |
| | | *For >100 To 500, Deduct* | *-14.59* | |
| | | *For >500 To 1,000, Deduct* | *-30.46* | |
| | | *For >1,000, Deduct* | *-44.58* | |
| 21 13 13 00-0188 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate | 163.95 | 19.00 |
| | | *For >25 To 50, Deduct* | *-3.80* | |
| | | *For >50 To 100, Deduct* | *-12.00* | |
| | | *For >100 To 500, Deduct* | *-22.39* | |
| | | *For >500 To 1,000, Deduct* | *-42.43* | |
| | | *For >1,000, Deduct* | *-57.63* | |
| 21 13 13 00-0189 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate | 163.95 | 19.00 |
| | | *For >25 To 50, Deduct* | *-3.80* | |
| | | *For >50 To 100, Deduct* | *-12.00* | |
| | | *For >100 To 500, Deduct* | *-22.39* | |
| | | *For >500 To 1,000, Deduct* | *-42.43* | |
| | | *For >1,000, Deduct* | *-57.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **21 13 13 00-0190** | | **Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads** *(21 13 13 00-0169)* | | |
| 21 13 13 00-0191 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 116.26 | 16.29 |
| | | Note: Excludes coverplate | | |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-9.07* | |
| | | *For >100 To 500, Deduct* | *-16.16* | |
| | | *For >500 To 1,000, Deduct* | *-32.00* | |
| | | *For >1,000, Deduct* | *-45.03* | |
| 21 13 13 00-0192 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 130.22 | 17.65 |
| | | Note: Excludes coverplate | | |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-10.04* | |
| | | *For >100 To 500, Deduct* | *-18.04* | |
| | | *For >500 To 1,000, Deduct* | *-35.44* | |
| | | *For >1,000, Deduct* | *-49.55* | |
| 21 13 13 00-0193 | EA | 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 94.98 | 16.29 |
| | | Note: Excludes coverplate | | |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-8.01* | |
| | | *For >100 To 500, Deduct* | *-13.50* | |
| | | *For >500 To 1,000, Deduct* | *-28.17* | |
| | | *For >1,000, Deduct* | *-41.20* | |
| 21 13 13 00-0194 | EA | 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head | 97.18 | 17.65 |
| | | Note: Excludes coverplate | | |
| | | *For >25 To 50, Deduct* | *-3.53* | |
| | | *For >50 To 100, Deduct* | *-8.39* | |
| | | *For >100 To 500, Deduct* | *-13.91* | |
| | | *For >500 To 1,000, Deduct* | *-29.49* | |
| | | *For >1,000, Deduct* | *-43.61* | |
| **21 13 13 00-0195** | | **Institutional Tamper Resistant Wet Pipe Sprinkler Heads** *(21 13 13 00-0024)* | | |
| 21 13 13 00-0196 | EA | 1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head | 252.28 | 13.57 |
| | | Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet. | | |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-15.33* | |
| | | *For >100 To 500, Deduct* | *-32.89* | |
| | | *For >500 To 1,000, Deduct* | *-54.64* | |
| | | *For >1,000, Deduct* | *-65.50* | |
| 21 13 13 00-0197 | EA | 1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 246.56 | 13.57 |
| | | Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet. | | |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-15.04* | |
| | | *For >100 To 500, Deduct* | *-32.18* | |
| | | *For >500 To 1,000, Deduct* | *-53.61* | |
| | | *For >1,000, Deduct* | *-64.47* | |
| 21 13 13 00-0198 | EA | 1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head | 114.83 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-8.46* | |
| | | *For >100 To 500, Deduct* | *-15.71* | |
| | | *For >500 To 1,000, Deduct* | *-29.90* | |
| | | *For >1,000, Deduct* | *-40.76* | |
| 21 13 13 00-0199 | EA | 1/2" NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head | 126.70 | 13.57 |
| | | *For >25 To 50, Deduct* | *-2.71* | |
| | | *For >50 To 100, Deduct* | *-9.05* | |
| | | *For >100 To 500, Deduct* | *-17.19* | |
| | | *For >500 To 1,000, Deduct* | *-32.04* | |
| | | *For >1,000, Deduct* | *-42.89* | |
| **21 13 13 00-0200** | | **Wet Pipe Sprinkler Head Accessories** *(21 13 13 00-0011)* | | |
| **21 13 13 00-0201** | | **Sprinkler Adjustable Steel Drop Nipple** *(21 13 13 00-0200)* | | |
| 21 13 13 00-0202 | EA | 1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150) | 44.39 | 12.92 |
| | | *For >25 To 50, Deduct* | *-1.08* | |
| | | *For >50 To 100, Deduct* | *-3.30* | |
| | | *For >100 To 500, Deduct* | *-6.09* | |
| | | *For >500 To 1,000, Deduct* | *-11.65* | |
| | | *For >1,000, Deduct* | *-15.96* | |
| 21 13 13 00-0203 | EA | 1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150) | 44.39 | 12.92 |
| | | *For >25 To 50, Deduct* | *-1.08* | |
| | | *For >50 To 100, Deduct* | *-3.30* | |
| | | *For >100 To 500, Deduct* | *-6.09* | |
| | | *For >500 To 1,000, Deduct* | *-11.65* | |
| | | *For >1,000, Deduct* | *-15.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0204 | EA | 1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150) | 44.86 | 12.92 |
| | | *For >25 To 50, Deduct* | *-1.08* | |
| | | *For >50 To 100, Deduct* | *-3.32* | |
| | | *For >100 To 500, Deduct* | *-6.15* | |
| | | *For >500 To 1,000, Deduct* | *-11.74* | |
| | | *For >1,000, Deduct* | *-16.05* | |
| 21 13 13 00-0205 | EA | 1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150) | 40.05 | 12.92 |
| | | *For >25 To 50, Deduct* | *-1.08* | |
| | | *For >50 To 100, Deduct* | *-3.08* | |
| | | *For >100 To 500, Deduct* | *-5.55* | |
| | | *For >500 To 1,000, Deduct* | *-10.87* | |
| | | *For >1,000, Deduct* | *-15.18* | |
| 21 13 13 00-0206 | EA | 1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150) | 40.05 | 12.92 |
| | | *For >25 To 50, Deduct* | *-1.08* | |
| | | *For >50 To 100, Deduct* | *-3.08* | |
| | | *For >100 To 500, Deduct* | *-5.55* | |
| | | *For >500 To 1,000, Deduct* | *-10.87* | |
| | | *For >1,000, Deduct* | *-15.18* | |
| 21 13 13 00-0207 | EA | 1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150) | 40.05 | 12.92 |
| | | *For >25 To 50, Deduct* | *-1.08* | |
| | | *For >50 To 100, Deduct* | *-3.08* | |
| | | *For >100 To 500, Deduct* | *-5.55* | |
| | | *For >500 To 1,000, Deduct* | *-10.87* | |
| | | *For >1,000, Deduct* | *-15.18* | |
| 21 13 13 00-0208 | EA | 1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175) | 44.63 | 14.06 |
| | | *For >25 To 50, Deduct* | *-1.17* | |
| | | *For >50 To 100, Deduct* | *-3.40* | |
| | | *For >100 To 500, Deduct* | *-6.16* | |
| | | *For >500 To 1,000, Deduct* | *-12.02* | |
| | | *For >1,000, Deduct* | *-16.70* | |

### 21 13 13 00-0209 Sprinkler Head Escutcheon *(21 13 13 00-0200)*

| | | | | |
|---|---|---|---|---|
| 21 13 13 00-0210 | EA | 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon | 17.50 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.28* | |
| | | *For >100 To 500, Deduct* | *-2.39* | |
| | | *For >500 To 1,000, Deduct* | *-4.53* | |
| | | *For >1,000, Deduct* | *-6.16* | |
| 21 13 13 00-0211 | EA | 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon | 12.78 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100 To 500, Deduct* | *-1.80* | |
| | | *For >500 To 1,000, Deduct* | *-3.68* | |
| | | *For >1,000, Deduct* | *-5.31* | |
| 21 13 13 00-0212 | EA | 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon | 12.78 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100 To 500, Deduct* | *-1.80* | |
| | | *For >500 To 1,000, Deduct* | *-3.68* | |
| | | *For >1,000, Deduct* | *-5.31* | |
| 21 13 13 00-0213 | EA | 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon | 17.50 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.28* | |
| | | *For >100 To 500, Deduct* | *-2.39* | |
| | | *For >500 To 1,000, Deduct* | *-4.53* | |
| | | *For >1,000, Deduct* | *-6.16* | |
| 21 13 13 00-0214 | EA | 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon | 12.78 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100 To 500, Deduct* | *-1.80* | |
| | | *For >500 To 1,000, Deduct* | *-3.68* | |
| | | *For >1,000, Deduct* | *-5.31* | |
| 21 13 13 00-0215 | EA | 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon | 12.78 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100 To 500, Deduct* | *-1.80* | |
| | | *For >500 To 1,000, Deduct* | *-3.68* | |
| | | *For >1,000, Deduct* | *-5.31* | |
| 21 13 13 00-0216 | EA | 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon | 16.65 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.24* | |
| | | *For >100 To 500, Deduct* | *-2.28* | |
| | | *For >500 To 1,000, Deduct* | *-4.38* | |
| | | *For >1,000, Deduct* | *-6.01* | |
| 21 13 13 00-0217 | EA | 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon | 12.78 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100 To 500, Deduct* | *-1.80* | |
| | | *For >500 To 1,000, Deduct* | *-3.68* | |
| | | *For >1,000, Deduct* | *-5.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0218 | EA | 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon | 12.78 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100 To 500, Deduct* | *-1.80* | |
| | | *For >500 To 1,000, Deduct* | *-3.68* | |
| | | *For >1,000, Deduct* | *-5.31* | |
| 21 13 13 00-0219 | EA | 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon | 16.65 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.24* | |
| | | *For >100 To 500, Deduct* | *-2.28* | |
| | | *For >500 To 1,000, Deduct* | *-4.38* | |
| | | *For >1,000, Deduct* | *-6.01* | |
| 21 13 13 00-0220 | EA | 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon | 12.78 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100 To 500, Deduct* | *-1.80* | |
| | | *For >500 To 1,000, Deduct* | *-3.68* | |
| | | *For >1,000, Deduct* | *-5.31* | |
| 21 13 13 00-0221 | EA | 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon | 12.78 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.05* | |
| | | *For >100 To 500, Deduct* | *-1.80* | |
| | | *For >500 To 1,000, Deduct* | *-3.68* | |
| | | *For >1,000, Deduct* | *-5.31* | |
| 21 13 13 00-0222 | EA | 3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon | 17.08 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.26* | |
| | | *For >100 To 500, Deduct* | *-2.34* | |
| | | *For >500 To 1,000, Deduct* | *-4.46* | |
| | | *For >1,000, Deduct* | *-6.09* | |
| 21 13 13 00-0223 | EA | 3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon | 17.08 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.26* | |
| | | *For >100 To 500, Deduct* | *-2.34* | |
| | | *For >500 To 1,000, Deduct* | *-4.46* | |
| | | *For >1,000, Deduct* | *-6.09* | |
| 21 13 13 00-0224 | EA | 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon | 7.32 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.64* | |
| | | *For >100 To 500, Deduct* | *-1.05* | |
| | | *For >500 To 1,000, Deduct* | *-2.24* | |
| | | *For >1,000, Deduct* | *-3.33* | |
| 21 13 13 00-0225 | EA | 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon | 6.73 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 500, Deduct* | *-0.98* | |
| | | *For >500 To 1,000, Deduct* | *-2.13* | |
| | | *For >1,000, Deduct* | *-3.22* | |
| 21 13 13 00-0226 | EA | 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon | 6.89 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.62* | |
| | | *For >100 To 500, Deduct* | *-1.00* | |
| | | *For >500 To 1,000, Deduct* | *-2.16* | |
| | | *For >1,000, Deduct* | *-3.25* | |
| 21 13 13 00-0227 | EA | 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon | 7.43 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.64* | |
| | | *For >100 To 500, Deduct* | *-1.06* | |
| | | *For >500 To 1,000, Deduct* | *-2.26* | |
| | | *For >1,000, Deduct* | *-3.35* | |
| 21 13 13 00-0228 | EA | 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon | 6.84 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 500, Deduct* | *-0.99* | |
| | | *For >500 To 1,000, Deduct* | *-2.15* | |
| | | *For >1,000, Deduct* | *-3.24* | |
| 21 13 13 00-0229 | EA | 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon | 6.84 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 500, Deduct* | *-0.99* | |
| | | *For >500 To 1,000, Deduct* | *-2.15* | |
| | | *For >1,000, Deduct* | *-3.24* | |
| 21 13 13 00-0230 | EA | 2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon | 8.05 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.67* | |
| | | *For >100 To 500, Deduct* | *-1.14* | |
| | | *For >500 To 1,000, Deduct* | *-2.37* | |
| | | *For >1,000, Deduct* | *-3.46* | |
| 21 13 13 00-0231 | EA | 2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon | 6.82 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 500, Deduct* | *-0.99* | |
| | | *For >500 To 1,000, Deduct* | *-2.15* | |
| | | *For >1,000, Deduct* | *-3.24* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0232 | EA | 2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon | 6.82 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 500, Deduct* | *-0.99* | |
| | | *For >500 To 1,000, Deduct* | *-2.15* | |
| | | *For >1,000, Deduct* | *-3.24* | |
| 21 13 13 00-0233 | EA | 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon | 10.90 | 5.02 |
| | | *For >25 To 50, Deduct* | *-0.38* | |
| | | *For >50 To 100, Deduct* | *-0.93* | |
| | | *For >100 To 500, Deduct* | *-1.55* | |
| | | *For >500 To 1,000, Deduct* | *-3.25* | |
| | | *For >1,000, Deduct* | *-4.77* | |
| 21 13 13 00-0234 | EA | 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon | 10.58 | 5.02 |
| | | *For >25 To 50, Deduct* | *-0.38* | |
| | | *For >50 To 100, Deduct* | *-0.91* | |
| | | *For >100 To 500, Deduct* | *-1.51* | |
| | | *For >500 To 1,000, Deduct* | *-3.20* | |
| | | *For >1,000, Deduct* | *-4.72* | |
| 21 13 13 00-0235 | EA | 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon | 10.68 | 5.02 |
| | | *For >25 To 50, Deduct* | *-0.38* | |
| | | *For >50 To 100, Deduct* | *-0.91* | |
| | | *For >100 To 500, Deduct* | *-1.53* | |
| | | *For >500 To 1,000, Deduct* | *-3.21* | |
| | | *For >1,000, Deduct* | *-4.73* | |
| 21 13 13 00-0236 | EA | 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon | 11.01 | 5.02 |
| | | *For >25 To 50, Deduct* | *-0.38* | |
| | | *For >50 To 100, Deduct* | *-0.93* | |
| | | *For >100 To 500, Deduct* | *-1.57* | |
| | | *For >500 To 1,000, Deduct* | *-3.27* | |
| | | *For >1,000, Deduct* | *-4.79* | |
| 21 13 13 00-0237 | EA | 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon | 10.68 | 5.02 |
| | | *For >25 To 50, Deduct* | *-0.38* | |
| | | *For >50 To 100, Deduct* | *-0.91* | |
| | | *For >100 To 500, Deduct* | *-1.53* | |
| | | *For >500 To 1,000, Deduct* | *-3.21* | |
| | | *For >1,000, Deduct* | *-4.73* | |
| 21 13 13 00-0238 | EA | 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon | 10.90 | 5.02 |
| | | *For >25 To 50, Deduct* | *-0.38* | |
| | | *For >50 To 100, Deduct* | *-0.93* | |
| | | *For >100 To 500, Deduct* | *-1.55* | |
| | | *For >500 To 1,000, Deduct* | *-3.25* | |
| | | *For >1,000, Deduct* | *-4.77* | |
| 21 13 13 00-0239 | EA | Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head | 20.97 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.46* | |
| | | *For >100 To 500, Deduct* | *-2.82* | |
| | | *For >500 To 1,000, Deduct* | *-5.16* | |
| | | *For >1,000, Deduct* | *-6.79* | |
| 21 13 13 00-0240 | EA | Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head | 20.97 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.46* | |
| | | *For >100 To 500, Deduct* | *-2.82* | |
| | | *For >500 To 1,000, Deduct* | *-5.16* | |
| | | *For >1,000, Deduct* | *-6.79* | |
| 21 13 13 00-0241 | EA | Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head | 20.97 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.46* | |
| | | *For >100 To 500, Deduct* | *-2.82* | |
| | | *For >500 To 1,000, Deduct* | *-5.16* | |
| | | *For >1,000, Deduct* | *-6.79* | |
| 21 13 13 00-0242 | EA | Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head | 20.97 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.46* | |
| | | *For >100 To 500, Deduct* | *-2.82* | |
| | | *For >500 To 1,000, Deduct* | *-5.16* | |
| | | *For >1,000, Deduct* | *-6.79* | |
| 21 13 13 00-0243 | EA | Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head | 20.97 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.46* | |
| | | *For >100 To 500, Deduct* | *-2.82* | |
| | | *For >500 To 1,000, Deduct* | *-5.16* | |
| | | *For >1,000, Deduct* | *-6.79* | |
| 21 13 13 00-0244 | EA | White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head | 20.97 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.46* | |
| | | *For >100 To 500, Deduct* | *-2.82* | |
| | | *For >500 To 1,000, Deduct* | *-5.16* | |
| | | *For >1,000, Deduct* | *-6.79* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0245 | EA | 2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head | 23.90 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.60* | |
| | | *For >100 To 500, Deduct* | *-3.19* | |
| | | *For >500 To 1,000, Deduct* | *-5.69* | |
| | | *For >1,000, Deduct* | *-7.31* | |
| 21 13 13 00-0246 | EA | 2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head | 24.59 | 4.89 |
| | | *For >25 To 50, Deduct* | *-0.41* | |
| | | *For >50 To 100, Deduct* | *-1.64* | |
| | | *For >100 To 500, Deduct* | *-3.28* | |
| | | *For >500 To 1,000, Deduct* | *-5.81* | |
| | | *For >1,000, Deduct* | *-7.44* | |
| 21 13 13 00-0247 | | Coverplate For Sprinkler Heads *(21 13 13 00-0200)* | | |
| 21 13 13 00-0248 | EA | Chrome Coverplate For Concealed Pendent Sprinkler Head | 47.37 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.83* | |
| | | *For >100 To 500, Deduct* | *-6.15* | |
| | | *For >500 To 1,000, Deduct* | *-10.10* | |
| | | *For >1,000, Deduct* | *-11.94* | |
| 21 13 13 00-0249 | EA | White Coverplate For Concealed Pendent Sprinkler Head | 24.10 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-1.67* | |
| | | *For >100 To 500, Deduct* | *-3.24* | |
| | | *For >500 To 1,000, Deduct* | *-5.91* | |
| | | *For >1,000, Deduct* | *-7.75* | |
| 21 13 13 00-0250 | EA | Specialty Coverplate For Concealed Pendent Sprinkler Head | 34.19 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.17* | |
| | | *For >100 To 500, Deduct* | *-4.50* | |
| | | *For >500 To 1,000, Deduct* | *-7.72* | |
| | | *For >1,000, Deduct* | *-9.57* | |
| 21 13 13 00-0251 | EA | Brass Coverplate For Concealed Sidewall Sprinkler Head | 31.57 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.04* | |
| | | *For >100 To 500, Deduct* | *-4.18* | |
| | | *For >500 To 1,000, Deduct* | *-7.25* | |
| | | *For >1,000, Deduct* | *-9.10* | |
| 21 13 13 00-0252 | EA | Chrome Coverplate For Concealed Sidewall Sprinkler Head | 25.63 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-1.74* | |
| | | *For >100 To 500, Deduct* | *-3.43* | |
| | | *For >500 To 1,000, Deduct* | *-6.18* | |
| | | *For >1,000, Deduct* | *-8.03* | |
| 21 13 13 00-0253 | EA | White Coverplate For Concealed Sidewall Sprinkler Head | 25.63 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-1.74* | |
| | | *For >100 To 500, Deduct* | *-3.43* | |
| | | *For >500 To 1,000, Deduct* | *-6.18* | |
| | | *For >1,000, Deduct* | *-8.03* | |
| 21 13 13 00-0254 | EA | Off-White Coverplate For Concealed Sidewall Sprinkler Head | 31.57 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.04* | |
| | | *For >100 To 500, Deduct* | *-4.18* | |
| | | *For >500 To 1,000, Deduct* | *-7.25* | |
| | | *For >1,000, Deduct* | *-9.10* | |
| 21 13 13 00-0255 | EA | Black Painted Coverplate For Concealed Sidewall Sprinkler Head | 31.57 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.04* | |
| | | *For >100 To 500, Deduct* | *-4.18* | |
| | | *For >500 To 1,000, Deduct* | *-7.25* | |
| | | *For >1,000, Deduct* | *-9.10* | |
| 21 13 13 00-0256 | EA | Black Plated Coverplate For Concealed Sidewall Sprinkler Head | 36.28 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.28* | |
| | | *For >100 To 500, Deduct* | *-4.77* | |
| | | *For >500 To 1,000, Deduct* | *-8.10* | |
| | | *For >1,000, Deduct* | *-9.95* | |
| 21 13 13 00-0257 | EA | Bright Brass Coverplate For Concealed Sidewall Sprinkler Head | 36.28 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.28* | |
| | | *For >100 To 500, Deduct* | *-4.77* | |
| | | *For >500 To 1,000, Deduct* | *-8.10* | |
| | | *For >1,000, Deduct* | *-9.95* | |
| 21 13 13 00-0258 | EA | Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head | 36.28 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.28* | |
| | | *For >100 To 500, Deduct* | *-4.77* | |
| | | *For >500 To 1,000, Deduct* | *-8.10* | |
| | | *For >1,000, Deduct* | *-9.95* | |
| 21 13 13 00-0259 | EA | Specialty Coverplate For Concealed Sidewall Sprinkler Head | 31.60 | 5.53 |
| | | *For >25 To 50, Deduct* | *-0.46* | |
| | | *For >50 To 100, Deduct* | *-2.04* | |
| | | *For >100 To 500, Deduct* | *-4.18* | |
| | | *For >500 To 1,000, Deduct* | *-7.26* | |
| | | *For >1,000, Deduct* | *-9.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0260 | EA | White Coverplate For Quick Release Concealed Sidewall Sprinkler Head | 52.81 | 6.51 |
| | | *For >25 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-3.18* | |
| | | *For >100 To 500, Deduct* | *-6.87* | |
| | | *For >500 To 1,000, Deduct* | *-11.35* | |
| | | *For >1,000, Deduct* | *-13.52* | |
| **21 13 13 00-0261** | | **Sprinkler Escutcheon Extension Tube** *(21 13 13 00-0200)* | | |
| 21 13 13 00-0262 | EA | 2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube<br>Note: For use with 2 piece escutcheons | 12.81 | 3.26 |
| | | *For >25 To 50, Deduct* | *-0.27* | |
| | | *For >50 To 100, Deduct* | *-0.91* | |
| | | *For >100 To 500, Deduct* | *-1.74* | |
| | | *For >500 To 1,000, Deduct* | *-3.23* | |
| | | *For >1,000, Deduct* | *-4.31* | |
| 21 13 13 00-0263 | EA | 2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube<br>Note: For use with 2 piece escutcheons | 16.36 | 3.42 |
| | | *For >25 To 50, Deduct* | *-0.29* | |
| | | *For >50 To 100, Deduct* | *-1.10* | |
| | | *For >100 To 500, Deduct* | *-2.19* | |
| | | *For >500 To 1,000, Deduct* | *-3.91* | |
| | | *For >1,000, Deduct* | *-5.05* | |
| 21 13 13 00-0264 | EA | 2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube<br>Note: For use with 2 piece escutcheons | 20.32 | 3.59 |
| | | *For >25 To 50, Deduct* | *-0.30* | |
| | | *For >50 To 100, Deduct* | *-1.32* | |
| | | *For >100 To 500, Deduct* | *-2.69* | |
| | | *For >500 To 1,000, Deduct* | *-4.67* | |
| | | *For >1,000, Deduct* | *-5.87* | |
| 21 13 13 00-0265 | EA | 2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube<br>Note: For use with 2 piece escutcheons | 23.86 | 3.75 |
| | | *For >25 To 50, Deduct* | *-0.31* | |
| | | *For >50 To 100, Deduct* | *-1.51* | |
| | | *For >100 To 500, Deduct* | *-3.14* | |
| | | *For >500 To 1,000, Deduct* | *-5.36* | |
| | | *For >1,000, Deduct* | *-6.60* | |
| **21 13 13 00-0266** | | **Sprinkler Head Guards** *(21 13 13 00-0200)* | | |
| 21 13 13 00-0267 | EA | Universal Sprinkler Head Guard, C-1 | 20.99 | 9.78 |
| | | *For >25 To 50, Deduct* | *-0.81* | |
| | | *For >50 To 100, Deduct* | *-1.86* | |
| | | *For >100 To 500, Deduct* | *-3.03* | |
| | | *For >500 To 1,000, Deduct* | *-6.55* | |
| | | *For >1,000, Deduct* | *-9.81* | |
| 21 13 13 00-0268 | EA | Dry Pendent Sprinkler Head Guard, C-2 | 22.80 | 9.78 |
| | | *For >25 To 50, Deduct* | *-0.81* | |
| | | *For >50 To 100, Deduct* | *-1.95* | |
| | | *For >100 To 500, Deduct* | *-3.26* | |
| | | *For >500 To 1,000, Deduct* | *-6.87* | |
| | | *For >1,000, Deduct* | *-10.13* | |
| 21 13 13 00-0269 | EA | Upright Sprinkler Head Guard With Water Shield, C-3 | 25.90 | 9.78 |
| | | *For >25 To 50, Deduct* | *-0.81* | |
| | | *For >50 To 100, Deduct* | *-2.11* | |
| | | *For >100 To 500, Deduct* | *-3.64* | |
| | | *For >500 To 1,000, Deduct* | *-7.43* | |
| | | *For >1,000, Deduct* | *-10.69* | |
| 21 13 13 00-0270 | EA | Pendent Sprinkler Head Guard With Water Shield, C-5 | 29.73 | 9.78 |
| | | *For >25 To 50, Deduct* | *-0.81* | |
| | | *For >50 To 100, Deduct* | *-2.30* | |
| | | *For >100 To 500, Deduct* | *-4.12* | |
| | | *For >500 To 1,000, Deduct* | *-8.12* | |
| | | *For >1,000, Deduct* | *-11.38* | |
| 21 13 13 00-0271 | EA | Universal Sprinkler Head Guard, D-1 | 22.73 | 9.78 |
| | | *For >25 To 50, Deduct* | *-0.81* | |
| | | *For >50 To 100, Deduct* | *-1.95* | |
| | | *For >100 To 500, Deduct* | *-3.25* | |
| | | *For >500 To 1,000, Deduct* | *-6.86* | |
| | | *For >1,000, Deduct* | *-10.12* | |
| 21 13 13 00-0272 | EA | Upright Sprinkler Head Guard With Water Shield, D-3 | 23.91 | 9.78 |
| | | *For >25 To 50, Deduct* | *-0.81* | |
| | | *For >50 To 100, Deduct* | *-2.01* | |
| | | *For >100 To 500, Deduct* | *-3.40* | |
| | | *For >500 To 1,000, Deduct* | *-7.07* | |
| | | *For >1,000, Deduct* | *-10.33* | |
| 21 13 13 00-0273 | EA | Pendent Sprinkler Head Guard With Large Water Shield, D-4 | 32.68 | 9.78 |
| | | *For >25 To 50, Deduct* | *-0.81* | |
| | | *For >50 To 100, Deduct* | *-2.45* | |
| | | *For >100 To 500, Deduct* | *-4.49* | |
| | | *For >500 To 1,000, Deduct* | *-8.65* | |
| | | *For >1,000, Deduct* | *-11.91* | |
| 21 13 13 00-0274 | EA | Pendent Sprinkler Head Guard With Small Water Shield, D-5 | 30.92 | 9.78 |
| | | *For >25 To 50, Deduct* | *-0.81* | |
| | | *For >50 To 100, Deduct* | *-2.36* | |
| | | *For >100 To 500, Deduct* | *-4.27* | |
| | | *For >500 To 1,000, Deduct* | *-8.33* | |
| | | *For >1,000, Deduct* | *-11.59* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 13 00-0275 | | Flexible Sprinkler Piping *(21 13 13 00-0011)* | | |
| | | Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet. | | |
| 21 13 13 00-0276 | EA | 2' Long Stainless Steel Flexible Sprinkler Piping | 70.16 | 16.83 |
| | | Note: Includes ceiling mounting bracket. | | |
| | | *For >25 To 50, Deduct* | *-1.70* | |
| | | *For >50 To 100, Deduct* | *-5.20* | |
| | | *For >100 To 500, Deduct* | *-9.62* | |
| | | *For >500 To 1,000, Deduct* | *-18.40* | |
| | | *For >1,000, Deduct* | *-25.18* | |
| 21 13 13 00-0277 | EA | 3' Long Stainless Steel Flexible Sprinkler Piping | 77.47 | 17.37 |
| | | Note: Includes ceiling mounting bracket. | | |
| | | *For >25 To 50, Deduct* | *-1.79* | |
| | | *For >50 To 100, Deduct* | *-5.66* | |
| | | *For >100 To 500, Deduct* | *-10.58* | |
| | | *For >500 To 1,000, Deduct* | *-20.02* | |
| | | *For >1,000, Deduct* | *-27.16* | |
| 21 13 13 00-0278 | EA | 4' Long Stainless Steel Flexible Sprinkler Piping | 84.94 | 18.45 |
| | | Note: Includes ceiling mounting bracket. | | |
| | | *For >25 To 50, Deduct* | *-1.89* | |
| | | *For >50 To 100, Deduct* | *-6.13* | |
| | | *For >100 To 500, Deduct* | *-11.56* | |
| | | *For >500 To 1,000, Deduct* | *-21.70* | |
| | | *For >1,000, Deduct* | *-29.24* | |
| 21 13 13 00-0279 | EA | 5' Long Stainless Steel Flexible Sprinkler Piping | 92.68 | 19.54 |
| | | Note: Includes ceiling mounting bracket. | | |
| | | *For >25 To 50, Deduct* | *-2.00* | |
| | | *For >50 To 100, Deduct* | *-6.63* | |
| | | *For >100 To 500, Deduct* | *-12.58* | |
| | | *For >500 To 1,000, Deduct* | *-23.47* | |
| | | *For >1,000, Deduct* | *-31.45* | |
| 21 13 13 00-0280 | EA | 6' Long Stainless Steel Flexible Sprinkler Piping | 100.67 | 21.72 |
| | | Note: Includes ceiling mounting bracket. | | |
| | | *For >25 To 50, Deduct* | *-2.12* | |
| | | *For >50 To 100, Deduct* | *-7.15* | |
| | | *For >100 To 500, Deduct* | *-13.64* | |
| | | *For >500 To 1,000, Deduct* | *-25.33* | |
| | | *For >1,000, Deduct* | *-33.81* | |
| 21 13 13 00-0281 | | Sprinkler Emergency Cabinets *(21 13 13 00-0011)* | | |
| 21 13 13 00-0282 | EA | 3 Capacity Emergency Sprinkler Cabinet, A4 | 99.36 | |
| 21 13 13 00-0283 | EA | 6 Capacity Emergency Sprinkler Cabinet, A4 | 104.78 | |
| 21 13 13 00-0284 | EA | 12 Capacity Emergency Sprinkler Cabinet, A4 | 109.23 | |
| 21 13 13 00-0285 | EA | 12 Capacity Emergency Sprinkler Cabinet, A3 | 325.24 | |
| 21 13 13 00-0286 | EA | Sprinkler Wrench, RC1 | 149.08 | |
| 21 13 13 00-0287 | EA | Sprinkler Wrench, FC | 148.50 | |
| 21 13 13 00-0288 | EA | Sprinkler Wrench, W2 | 49.31 | |

## 21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

| | | | | |
|---|---|---|---|---|
| 21 13 16 00-0001 | | Complete Dry Pipe Sprinkler Systems *(21 13 16)* | | |
| | | Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1351 for individual grooved pipe, 23 21 13 23-1424 for individual grooved pipe fittings. | | |
| 21 13 16 00-0002 | | Light Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)* | | |
| 21 13 16 00-0003 | EA | Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head | 505.07 | |
| | | Note: Includes branch pipe and fittings, supports and sprinkler heads. | | |
| | | *For Up To 5, Add* | *232.52* | |
| | | *For >5 To 10, Add* | *126.73* | |
| | | *For >10 To 20, Add* | *96.24* | |
| | | *For >20 To 40, Add* | *40.50* | |
| | | *For >100 To 150, Deduct* | *-50.51* | |
| | | *For >150, Deduct* | *-101.01* | |
| | | *For Copper Pipe, Add* | *60.52* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-85.77* | |
| 21 13 16 00-0004 | EA | Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head | 631.67 | |
| | | Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. | | |
| | | *For Up To 5, Add* | *294.02* | |
| | | *For >5 To 10, Add* | *166.55* | |
| | | *For >10 To 20, Add* | *125.20* | |
| | | *For >20 To 40, Add* | *52.26* | |
| | | *For >100 To 150, Deduct* | *-63.17* | |
| | | *For >150, Deduct* | *-126.33* | |
| | | *For Copper Pipe, Add* | *74.07* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-105.66* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **21 13 16 00-0005** | | **Ordinary Hazard, Dry-Pipe Sprinkler Systems** *(21 13 16 00-0001)* | | |
| 21 13 16 00-0006 | EA | Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head | 512.99 | |
| | | Note: Includes branch pipe and fittings, supports and sprinkler heads. | | |
| | | *For Up To 5, Add* | *235.30* | |
| | | *For >5 To 10, Add* | *126.57* | |
| | | *For >10 To 20, Add* | *96.46* | |
| | | *For >20 To 40, Add* | *40.70* | |
| | | *For >100 To 150, Deduct* | *-51.30* | |
| | | *For >150, Deduct* | *-102.60* | |
| | | *For Copper Pipe, Add* | *61.89* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-87.54* | |
| 21 13 16 00-0007 | EA | Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head | 636.36 | |
| | | Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. | | |
| | | *For Up To 5, Add* | *295.40* | |
| | | *For >5 To 10, Add* | *165.78* | |
| | | *For >10 To 20, Add* | *124.92* | |
| | | *For >20 To 40, Add* | *52.25* | |
| | | *For >100 To 150, Deduct* | *-63.64* | |
| | | *For >150, Deduct* | *-127.27* | |
| | | *For Copper Pipe, Add* | *75.03* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-106.84* | |
| **21 13 16 00-0008** | | **Extra Hazard, Dry-Pipe Sprinkler Systems** *(21 13 16 00-0001)* | | |
| 21 13 16 00-0009 | EA | Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head | 481.35 | |
| | | Note: Includes branch pipe and fittings, supports and sprinkler heads. | | |
| | | *For Up To 5, Add* | *220.60* | |
| | | *For >5 To 10, Add* | *118.28* | |
| | | *For >10 To 20, Add* | *90.22* | |
| | | *For >20 To 40, Add* | *38.10* | |
| | | *For >100 To 150, Deduct* | *-48.14* | |
| | | *For >150, Deduct* | *-96.27* | |
| | | *For Copper Pipe, Add* | *58.17* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-82.24* | |
| 21 13 16 00-0010 | EA | Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head | 592.39 | |
| | | Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. | | |
| | | *For Up To 5, Add* | *275.01* | |
| | | *For >5 To 10, Add* | *154.38* | |
| | | *For >10 To 20, Add* | *116.32* | |
| | | *For >20 To 40, Add* | *48.65* | |
| | | *For >100 To 150, Deduct* | *-59.24* | |
| | | *For >150, Deduct* | *-118.48* | |
| | | *For Copper Pipe, Add* | *69.83* | |
| | | *For Polyvinyl Chloride (PVC) Pipe, Deduct* | *-99.45* | |
| **21 13 16 00-0011** | | **Dry-Pipe Sprinkler System Equipment** *(21 13 16 00-0001)* | | |
| 21 13 16 00-0012 | EA | Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge | 2,451.70 | 314.47 |
| 21 13 16 00-0013 | EA | Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge | 2,560.52 | 314.47 |
| 21 13 16 00-0014 | EA | Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge | 2,652.35 | 314.47 |
| 21 13 16 00-0015 | EA | Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge | 3,009.43 | 314.47 |
| **21 13 16 00-0016** | | **Dry Pipe Sprinkler System Components** *(21 13 16)* | | |
| | | Note: Excludes hydraulic calculations. | | |
| **21 13 16 00-0017** | | **Dry Pipe Valves** *(21 13 16 00-0016)* | | |
| | | Note: Excludes trim package See CSI section 21 13 16 00-0022 for Dry Pipe Valve Trim. | | |
| 21 13 16 00-0018 | EA | 2-1/2" Dry Pipe Valve | 2,762.56 | 128.83 |
| 21 13 16 00-0019 | EA | 3" Dry Pipe Valve | 3,077.42 | 147.56 |
| 21 13 16 00-0020 | EA | 4" Dry Pipe Valve | 3,466.96 | 250.63 |
| 21 13 16 00-0021 | EA | 6" Dry Pipe Valve | 4,395.94 | 316.22 |
| **21 13 16 00-0022** | | **Dry Pipe Valve Trim** *(21 13 16 00-0016)* | | |
| | | Note: Includes gauges, pressure switch, air supply and drain lines. | | |
| 21 13 16 00-0023 | EA | 2-1/2" Dry Pipe Valve Trim | 1,413.39 | 272.65 |
| 21 13 16 00-0024 | EA | 3" Dry Pipe Valve Trim | 1,413.39 | 272.65 |
| 21 13 16 00-0025 | EA | 4" Dry Pipe Valve Trim | 1,652.06 | 373.83 |
| 21 13 16 00-0026 | EA | 6" Dry Pipe Valve Trim | 1,895.66 | 519.99 |
| **21 13 16 00-0027** | | **Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response** *(21 13 16 00-0016)* | | |
| 21 13 16 00-0028 | EA | 3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 189.40 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-12.73* | |
| | | *For >100 To 500, Deduct* | *-25.30* | |
| | | *For >500 To 1,000, Deduct* | *-45.17* | |
| | | *For >1,000, Deduct* | *-58.19* | |
| 21 13 16 00-0029 | EA | 6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 196.56 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-13.09* | |
| | | *For >100 To 500, Deduct* | *-26.20* | |
| | | *For >500 To 1,000, Deduct* | *-46.45* | |
| | | *For >1,000, Deduct* | *-59.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 16 00-0030 | EA | 9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 203.72 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-13.44* | |
| | | *For >100 To 500, Deduct* | *-27.09* | |
| | | *For >500 To 1,000, Deduct* | *-47.74* | |
| | | *For >1,000, Deduct* | *-60.77* | |
| 21 13 16 00-0031 | EA | 12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 210.90 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-13.80* | |
| | | *For >100 To 500, Deduct* | *-27.99* | |
| | | *For >500 To 1,000, Deduct* | *-49.04* | |
| | | *For >1,000, Deduct* | *-62.06* | |
| 21 13 16 00-0032 | EA | 15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 218.06 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-14.16* | |
| | | *For >100 To 500, Deduct* | *-28.89* | |
| | | *For >500 To 1,000, Deduct* | *-50.32* | |
| | | *For >1,000, Deduct* | *-63.35* | |
| 21 13 16 00-0033 | EA | 18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 225.22 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-14.52* | |
| | | *For >100 To 500, Deduct* | *-29.78* | |
| | | *For >500 To 1,000, Deduct* | *-51.61* | |
| | | *For >1,000, Deduct* | *-64.64* | |
| 21 13 16 00-0034 | EA | 21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 232.38 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-14.88* | |
| | | *For >100 To 500, Deduct* | *-30.68* | |
| | | *For >500 To 1,000, Deduct* | *-52.90* | |
| | | *For >1,000, Deduct* | *-65.93* | |
| 21 13 16 00-0035 | EA | 24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 239.56 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-15.24* | |
| | | *For >100 To 500, Deduct* | *-31.57* | |
| | | *For >500 To 1,000, Deduct* | *-54.19* | |
| | | *For >1,000, Deduct* | *-67.22* | |
| 21 13 16 00-0036 | EA | 27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 246.71 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-15.59* | |
| | | *For >100 To 500, Deduct* | *-32.47* | |
| | | *For >500 To 1,000, Deduct* | *-55.48* | |
| | | *For >1,000, Deduct* | *-68.51* | |
| 21 13 16 00-0037 | EA | 30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 253.88 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-15.95* | |
| | | *For >100 To 500, Deduct* | *-33.36* | |
| | | *For >500 To 1,000, Deduct* | *-56.77* | |
| | | *For >1,000, Deduct* | *-69.80* | |
| 21 13 16 00-0038 | EA | 33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 261.05 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-16.31* | |
| | | *For >100 To 500, Deduct* | *-34.26* | |
| | | *For >500 To 1,000, Deduct* | *-58.06* | |
| | | *For >1,000, Deduct* | *-71.09* | |
| 21 13 16 00-0039 | EA | 36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 268.21 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-16.67* | |
| | | *For >100 To 500, Deduct* | *-35.15* | |
| | | *For >500 To 1,000, Deduct* | *-59.35* | |
| | | *For >1,000, Deduct* | *-72.38* | |
| 21 13 16 00-0040 | EA | 39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 275.39 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-17.03* | |
| | | *For >100 To 500, Deduct* | *-36.05* | |
| | | *For >500 To 1,000, Deduct* | *-60.64* | |
| | | *For >1,000, Deduct* | *-73.67* | |
| 21 13 16 00-0041 | EA | 42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 282.54 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-17.38* | |
| | | *For >100 To 500, Deduct* | *-36.95* | |
| | | *For >500 To 1,000, Deduct* | *-61.93* | |
| | | *For >1,000, Deduct* | *-74.96* | |
| 21 13 16 00-0042 | EA | 45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head | 289.71 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-17.74* | |
| | | *For >100 To 500, Deduct* | *-37.84* | |
| | | *For >500 To 1,000, Deduct* | *-63.22* | |
| | | *For >1,000, Deduct* | *-76.25* | |

### 21 13 16 00-0043 Sidewall Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

| | | | | |
|---|---|---|---|---|
| 21 13 16 00-0044 | EA | 3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 187.67 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-12.64* | |
| | | *For >100 To 500, Deduct* | *-25.09* | |
| | | *For >500 To 1,000, Deduct* | *-44.85* | |
| | | *For >1,000, Deduct* | *-57.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 16 00-0045 | EA | 6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 194.85 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-13.00* | |
| | | *For >100 To 500, Deduct* | *-25.98* | |
| | | *For >500 To 1,000, Deduct* | *-46.15* | |
| | | *For >1,000, Deduct* | *-59.17* | |
| 21 13 16 00-0046 | EA | 9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 202.03 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-13.36* | |
| | | *For >100 To 500, Deduct* | *-26.88* | |
| | | *For >500 To 1,000, Deduct* | *-47.44* | |
| | | *For >1,000, Deduct* | *-60.47* | |
| 21 13 16 00-0047 | EA | 12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 209.17 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-13.72* | |
| | | *For >100 To 500, Deduct* | *-27.77* | |
| | | *For >500 To 1,000, Deduct* | *-48.72* | |
| | | *For >1,000, Deduct* | *-61.75* | |
| 21 13 16 00-0048 | EA | 15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 216.34 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-14.07* | |
| | | *For >100 To 500, Deduct* | *-28.67* | |
| | | *For >500 To 1,000, Deduct* | *-50.02* | |
| | | *For >1,000, Deduct* | *-63.04* | |
| 21 13 16 00-0049 | EA | 18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 223.49 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-14.43* | |
| | | *For >100 To 500, Deduct* | *-29.56* | |
| | | *For >500 To 1,000, Deduct* | *-51.30* | |
| | | *For >1,000, Deduct* | *-64.33* | |
| 21 13 16 00-0050 | EA | 21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 230.68 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-14.79* | |
| | | *For >100 To 500, Deduct* | *-30.46* | |
| | | *For >500 To 1,000, Deduct* | *-52.60* | |
| | | *For >1,000, Deduct* | *-65.62* | |
| 21 13 16 00-0051 | EA | 24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 237.84 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-15.15* | |
| | | *For >100 To 500, Deduct* | *-31.36* | |
| | | *For >500 To 1,000, Deduct* | *-53.89* | |
| | | *For >1,000, Deduct* | *-66.91* | |
| 21 13 16 00-0052 | EA | 27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 244.99 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-15.51* | |
| | | *For >100 To 500, Deduct* | *-32.25* | |
| | | *For >500 To 1,000, Deduct* | *-55.17* | |
| | | *For >1,000, Deduct* | *-68.20* | |
| 21 13 16 00-0053 | EA | 30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 252.15 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-15.86* | |
| | | *For >100 To 500, Deduct* | *-33.15* | |
| | | *For >500 To 1,000, Deduct* | *-56.46* | |
| | | *For >1,000, Deduct* | *-69.49* | |
| 21 13 16 00-0054 | EA | 33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 259.33 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-16.22* | |
| | | *For >100 To 500, Deduct* | *-34.04* | |
| | | *For >500 To 1,000, Deduct* | *-57.75* | |
| | | *For >1,000, Deduct* | *-70.78* | |
| 21 13 16 00-0055 | EA | 36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 266.49 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-16.58* | |
| | | *For >100 To 500, Deduct* | *-34.94* | |
| | | *For >500 To 1,000, Deduct* | *-59.04* | |
| | | *For >1,000, Deduct* | *-72.07* | |
| 21 13 16 00-0056 | EA | 39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 287.99 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-17.66* | |
| | | *For >100 To 500, Deduct* | *-37.63* | |
| | | *For >500 To 1,000, Deduct* | *-62.91* | |
| | | *For >1,000, Deduct* | *-75.94* | |
| 21 13 16 00-0057 | EA | 42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 295.16 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-18.02* | |
| | | *For >100 To 500, Deduct* | *-38.52* | |
| | | *For >500 To 1,000, Deduct* | *-64.20* | |
| | | *For >1,000, Deduct* | *-77.23* | |
| 21 13 16 00-0058 | EA | 45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head | 298.02 | 21.50 |
| | | *For >25 To 50, Deduct* | *-3.26* | |
| | | *For >50 To 100, Deduct* | *-18.16* | |
| | | *For >100 To 500, Deduct* | *-38.88* | |
| | | *For >500 To 1,000, Deduct* | *-64.72* | |
| | | *For >1,000, Deduct* | *-77.75* | |

## 21 13 19 Preaction Sprinkler Systems *(21 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 19 00-0001 | | Complete Preaction Sprinkler Systems *(21 13 19)* | | |
| | | Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. See CSI section 23 21 13 23-1351 for individual grooved pipe, 23 21 13 23-1424 for individual grooved pipe fittings. | | |
| 21 13 19 00-0002 | | Ordinary Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)* | | |
| 21 13 19 00-0003 | EA | Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head | 483.44 | |
| | | Note: Includes branch pipe and fittings, supports and sprinkler heads. | | |
| | | *For Up To 5, Add* | *223.48* | |
| | | *For >5 To 10, Add* | *141.85* | |
| | | *For >10 To 20, Add* | *93.51* | |
| | | *For >20 To 40, Add* | *39.23* | |
| | | *For >100 To 150, Deduct* | *-48.34* | |
| | | *For >150, Deduct* | *-96.69* | |
| 21 13 19 00-0004 | | Extra Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)* | | |
| 21 13 19 00-0005 | EA | Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head | 450.11 | |
| | | Note: Includes branch pipe and fittings, supports and sprinkler heads. | | |
| | | *For Up To 5, Add* | *208.10* | |
| | | *For >5 To 10, Add* | *132.11* | |
| | | *For >10 To 20, Add* | *87.10* | |
| | | *For >20 To 40, Add* | *36.53* | |
| | | *For >100 To 150, Deduct* | *-45.01* | |
| | | *For >150, Deduct* | *-90.02* | |
| **21 13 26** | | **Deluge Fire-Suppression Sprinkler Systems** *(21 13)* | | |
| 21 13 26 00-0001 | | Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)* | | |
| | | See CSI section 23 21 13 23-0000 for pipe and fittings. | | |
| 21 13 26 00-0002 | | Deluge Valves With Required Trim And Release Equipment *(21 13 26 00-0001)* | | |
| 21 13 26 00-0003 | EA | 3" Deluge Valve With Trim And Release Equipment | 6,139.70 | 603.23 |
| 21 13 26 00-0004 | EA | 4" Deluge Valve With Trim And Release Equipment | 7,036.68 | 678.58 |
| 21 13 26 00-0005 | EA | 6" Deluge Valve With Trim And Release Equipment | 8,762.92 | 987.05 |
| **21 13 39** | | **Foam-Water Systems** *(21 13)* | | |
| 21 13 39 00-0001 | | Foam Control Valves And Monitors *(21 13 39)* | | |
| 21 13 39 00-0002 | | Control Valves *(21 13 39 00-0001)* | | |
| 21 13 39 00-0003 | EA | 3" Foam Control Valve | 2,996.33 | 603.23 |
| 21 13 39 00-0004 | | Supply Valves *(21 13 39 00-0001)* | | |
| 21 13 39 00-0005 | EA | 2-1/2" Foam Supply Valve | 2,749.35 | 678.58 |
| 21 13 39 00-0006 | | Proportioners *(21 13 39 00-0001)* | | |
| 21 13 39 00-0007 | EA | 8" Foam Proportioner | 2,419.13 | 987.05 |
| 21 13 39 00-0008 | | Monitors *(21 13 39 00-0001)* | | |
| 21 13 39 00-0009 | EA | Oscillating Foam Monitor | 2,937.41 | 135.72 |
| **21 13 41** | | **Fire-Suppression Sprinkler Piping** *(21 13)* | | |
| | | See CSI section 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0374 for welded black steel piping, 23 21 13 23-0753 for flanged black steel pipe fittings, 23 21 13 23-1351 for grooved pipe, 23 21 13 23-1424 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings. | | |
| 21 13 41 00-0001 | | Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41)* | | |
| | | Note: SDR 13.5 | | |
| 21 13 41 00-0002 | | Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41 00-0001)* | | |
| 21 13 41 00-0003 | LF | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe | 5.72 | 1.73 |
| 21 13 41 00-0004 | LF | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe | 6.78 | 1.84 |
| 21 13 41 00-0005 | LF | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe | 8.42 | 2.07 |
| 21 13 41 00-0006 | LF | 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe | 10.23 | 2.28 |
| 21 13 41 00-0007 | LF | 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe | 13.04 | 2.50 |
| 21 13 41 00-0008 | LF | 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe | 17.67 | 2.82 |
| 21 13 41 00-0009 | LF | 3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe | 24.46 | 3.37 |
| 21 13 41 00-0010 | | Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)* | | |
| 21 13 41 00-0011 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping | 27.85 | 10.42 |
| 21 13 41 00-0012 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping | 36.57 | 13.03 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 41 00-0013 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping | 45.75 | 16.29 |
| 21 13 41 00-0014 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping | 52.14 | 18.02 |
| 21 13 41 00-0015 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping | 59.06 | 20.20 |
| 21 13 41 00-0016 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping | 74.00 | 22.91 |
| 21 13 41 00-0017 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping | 90.44 | 27.14 |
| 21 13 41 00-0018 | | **Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping** *(21 13 41 00-0001)* | | |
| 21 13 41 00-0019 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping | 28.48 | 10.42 |
| 21 13 41 00-0020 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping | 35.56 | 13.03 |
| 21 13 41 00-0021 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping | 44.99 | 16.29 |
| 21 13 41 00-0022 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping | 50.91 | 18.02 |
| 21 13 41 00-0023 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping | 57.54 | 20.20 |
| 21 13 41 00-0024 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping | 70.16 | 22.91 |
| 21 13 41 00-0025 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping | 86.22 | 27.14 |
| 21 13 41 00-0026 | | **Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)* | | |
| 21 13 41 00-0027 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping | 41.50 | 15.63 |
| 21 13 41 00-0028 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping | 53.87 | 19.65 |
| 21 13 41 00-0029 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping | 68.44 | 24.54 |
| 21 13 41 00-0030 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping | 78.36 | 27.14 |
| 21 13 41 00-0031 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping | 91.29 | 30.18 |
| 21 13 41 00-0032 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping | 111.54 | 34.42 |
| 21 13 41 00-0033 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping | 131.78 | 40.60 |
| 21 13 41 00-0034 | | **Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)* | | |
| 21 13 41 00-0035 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping | 49.79 | 18.35 |
| 21 13 41 00-0036 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping | 64.59 | 22.91 |
| 21 13 41 00-0037 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping | 72.26 | 25.30 |
| 21 13 41 00-0038 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping | 85.03 | 28.23 |
| 21 13 41 00-0039 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping | 100.11 | 32.14 |
| 21 13 41 00-0040 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping | 117.83 | 37.89 |
| 21 13 41 00-0041 | | **Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping** *(21 13 41 00-0001)* | | |
| 21 13 41 00-0042 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping | 55.95 | 20.85 |
| 21 13 41 00-0043 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping | 70.15 | 26.16 |
| 21 13 41 00-0044 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping | 88.29 | 32.68 |
| 21 13 41 00-0045 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping | 99.41 | 36.16 |
| 21 13 41 00-0046 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping | 115.70 | 40.28 |
| 21 13 41 00-0047 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping | 147.24 | 45.81 |
| 21 13 41 00-0048 | | **Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping** *(21 13 41 00-0001)* | | |
| 21 13 41 00-0049 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping | 19.09 | 6.95 |
| 21 13 41 00-0050 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping | 25.57 | 9.34 |
| 21 13 41 00-0051 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping | 33.88 | 12.26 |
| 21 13 41 00-0052 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping | 38.53 | 13.57 |
| 21 13 41 00-0053 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping | 44.10 | 15.10 |
| 21 13 41 00-0054 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping | 52.65 | 17.15 |
| 21 13 41 00-0055 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping | 63.41 | 20.31 |
| 21 13 41 00-0056 | | **Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping** *(21 13 41 00-0001)* | | |
| 21 13 41 00-0057 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping | 9.72 | 3.48 |
| 21 13 41 00-0058 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping | 15.48 | 5.64 |
| 21 13 41 00-0059 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping | 17.68 | 6.08 |
| 21 13 41 00-0060 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping | 20.20 | 6.73 |
| 21 13 41 00-0061 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping | 23.82 | 7.60 |
| 21 13 41 00-0062 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping | 28.60 | 8.58 |
| 21 13 41 00-0063 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping | 36.92 | 10.21 |
| 21 13 41 00-0064 | | **Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping** *(21 13 41 00-0001)* | | |
| 21 13 41 00-0065 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping | 27.07 | 10.31 |
| 21 13 41 00-0066 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping | 35.84 | 13.46 |
| 21 13 41 00-0067 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping | 39.61 | 14.87 |
| 21 13 41 00-0068 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping | 45.03 | 16.61 |
| 21 13 41 00-0069 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping | 53.28 | 18.90 |
| 21 13 41 00-0070 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping | 64.86 | 22.36 |
| 21 13 41 00-0071 | | **Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 13 41 00-0072 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping | 23.58 | 7.60 |
| 21 13 41 00-0073 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping | 30.46 | 10.31 |
| 21 13 41 00-0074 | | Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)* | | |
| 21 13 41 00-0075 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 23.58 | 7.60 |
| 21 13 41 00-0076 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 30.46 | 10.31 |
| 21 13 41 00-0077 | | Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)* | | |
| 21 13 41 00-0078 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 27.61 | 9.34 |
| 21 13 41 00-0079 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 35.25 | 11.73 |
| 21 13 41 00-0080 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 36.53 | 11.73 |
| 21 13 41 00-0081 | | Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)* | | |
| 21 13 41 00-0082 | EA | 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 45.40 | 15.63 |
| 21 13 41 00-0083 | EA | 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 55.91 | 19.65 |
| 21 13 41 00-0084 | EA | 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 72.60 | 24.54 |
| 21 13 41 00-0085 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 82.77 | 27.14 |
| 21 13 41 00-0086 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping | 96.65 | 30.18 |

# 21 20 Fire-Extinguishing Systems *(21)*

## 21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

### 21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

| | | | | |
|---|---|---|---|---|
| 21 21 16 00-0001 | | Carbon Dioxide Cylinders *(21 21 16)* | | |
| 21 21 16 00-0002 | EA | Carbon Dioxide Simplex Cylinder, 75 LB | 2,106.18 | 235.24 |
| 21 21 16 00-0003 | EA | Carbon Dioxide Duplex Cylinder, 75 LB (Each) | 4,212.34 | 470.47 |
| 21 21 16 00-0004 | EA | Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket | 306.02 | 116.80 |
| 21 21 16 00-0005 | EA | Carbon Dioxide Cylinder, Dispersion Nozzle | 139.78 | 42.98 |
| 21 21 16 00-0006 | LF | Carbon Dioxide Cylinder, 1/2" Rubber Tubing | 36.68 | 17.43 |

## 21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

### 21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

| | | | | |
|---|---|---|---|---|
| 21 22 16 00-0001 | | Ansul Fire Control Systems *(21 22 16)* | | |
| 21 22 16 00-0002 | | Sapphire® Fire Suppression Systems *(21 22 16 00-0001)*<br>Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications. | | |
| 21 22 16 00-0003 | | Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)* | | |
| 21 22 16 00-0004 | EA | 20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635)<br>Note: 10 to 21 LB tank capacity. Excludes Sapphire agent. | 1,498.84 | 80.20 |
| 21 22 16 00-0005 | EA | 40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636)<br>Note: 20 to 46 LB tank capacity. Excludes Sapphire agent. | 1,707.51 | 80.20 |
| 21 22 16 00-0006 | EA | 80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637)<br>Note: 41 to 80 LB tank capacity. Excludes Sapphire agent. | 1,734.94 | 80.20 |
| 21 22 16 00-0007 | EA | 140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638)<br>Note: 58 to 138 LB tank capacity. Excludes Sapphire agent. | 2,461.80 | 106.92 |
| 21 22 16 00-0008 | EA | 280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639)<br>Note: 116 to 280 LB tank capacity. Excludes Sapphire agent. | 2,599.74 | 106.92 |
| 21 22 16 00-0009 | EA | 390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640)<br>Note: 161 to 388 LB tank capacity. Excludes Sapphire agent. | 2,781.36 | 133.66 |
| 21 22 16 00-0010 | EA | 450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641)<br>Note: 194 to 459 LB tank capacity. Excludes Sapphire agent. | 2,949.55 | 133.66 |
| 21 22 16 00-0011 | EA | 850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586)<br>Note: 375 to 851 LB tank capacity. Excludes Sapphire agent. | 4,443.81 | 160.39 |
| 21 22 16 00-0012 | LB | Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230)<br>Note: Add to empty tank cost. | 37.27 | 160.39 |
| 21 22 16 00-0013 | | Nozzles, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 22 16 00-0014 | EA | 1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515) | 144.21 | 13.37 |
| 21 22 16 00-0015 | EA | 3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516) | 147.76 | 13.37 |
| 21 22 16 00-0016 | EA | 1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517) | 156.67 | 13.37 |
| 21 22 16 00-0017 | EA | 1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518) | 162.90 | 13.37 |
| 21 22 16 00-0018 | EA | 1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519) | 171.80 | 13.37 |
| 21 22 16 00-0019 | EA | 2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520) | 198.49 | 13.37 |
| 21 22 16 00-0020 | EA | 1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602) | 144.21 | 13.37 |
| 21 22 16 00-0021 | EA | 3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603) | 147.76 | 13.37 |
| 21 22 16 00-0022 | EA | 1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604) | 156.67 | 13.37 |
| 21 22 16 00-0023 | EA | 1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605) | 162.90 | 13.37 |
| 21 22 16 00-0024 | EA | 1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606) | 171.80 | 13.37 |
| 21 22 16 00-0025 | EA | 2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607) | 198.49 | 13.37 |
| **21 22 16 00-0026** | | **Actuation Attachments, Sapphire® Fire Suppression System** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0027 | EA | 7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810) | 13.51 | 4.01 |
| 21 22 16 00-0028 | EA | 7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811) | 15.04 | 4.01 |
| 21 22 16 00-0029 | EA | 1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338) | 21.22 | 9.36 |
| 21 22 16 00-0030 | EA | 16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597) | 48.13 | 11.98 |
| 21 22 16 00-0031 | EA | 32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142) | 70.22 | 11.98 |
| 21 22 16 00-0032 | EA | 42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815) | 84.31 | 11.98 |
| 21 22 16 00-0033 | EA | 24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336) | 43.04 | 11.98 |
| 21 22 16 00-0034 | EA | Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537) | 303.73 | 106.92 |
| 21 22 16 00-0035 | EA | Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549) | 288.53 | 80.20 |
| 21 22 16 00-0036 | EA | Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537) | 634.79 | 106.92 |
| **21 22 16 00-0037** | | **Nameplates, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0038 | EA | Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580) | 48.10 | 13.37 |
| 21 22 16 00-0039 | EA | Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581) | 52.11 | 13.37 |
| **21 22 16 00-0040** | | **Cylinder Bracketing, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0041 | EA | Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085) | 147.84 | 40.09 |
| 21 22 16 00-0042 | EA | Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085) | 155.84 | 40.09 |
| 21 22 16 00-0043 | EA | Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336) | 166.08 | 40.09 |
| **21 22 16 00-0044** | | **Check Valves, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0045 | EA | 1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566) | 384.16 | 42.56 |
| 21 22 16 00-0046 | EA | 2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568) | 541.39 | 73.03 |
| **21 22 16 00-0047** | | **Discharge Hose, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0048 | EA | 1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539) | 123.76 | 26.74 |
| 21 22 16 00-0049 | EA | 2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538) | 451.27 | 26.74 |
| 21 22 16 00-0050 | EA | 3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990) | 380.95 | 26.74 |
| 21 22 16 00-0051 | EA | 3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841) | 1,662.65 | 106.92 |
| **21 22 16 00-0052** | | **Swivel Adaptors, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0053 | EA | 1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557) | 45.08 | 18.72 |
| 21 22 16 00-0054 | EA | 2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558) | 78.35 | 18.72 |
| 21 22 16 00-0055 | EA | 3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471) | 213.63 | 13.37 |
| 21 22 16 00-0056 | EA | 3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470) | 276.82 | 13.37 |
| **21 22 16 00-0057** | | **Pressure Switches, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0058 | EA | Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585) | 166.10 | 53.46 |
| 21 22 16 00-0059 | EA | Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156) | 161.49 | 22.45 |
| 21 22 16 00-0060 | EA | Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250) | 501.26 | 93.56 |
| **21 22 16 00-0061** | | **Level Indicators, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0062 | EA | Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277) | 569.59 | 18.72 |
| 21 22 16 00-0063 | EA | Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278) | 596.30 | 18.72 |
| 21 22 16 00-0064 | EA | Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589) | 639.91 | 26.74 |
| **21 22 16 00-0065** | | **Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0066 | EA | Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342) | 46.31 | 16.04 |
| 21 22 16 00-0067 | EA | Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642) | 57.79 | 18.72 |
| 21 22 16 00-0068 | EA | Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579) | 196.16 | 80.20 |
| 21 22 16 00-0069 | EA | 1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576) | 226.69 | 80.20 |
| 21 22 16 00-0070 | EA | 2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592) | 252.05 | 80.20 |
| 21 22 16 00-0071 | EA | 3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891) | 333.93 | 80.20 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **21 22 16 00-0072** | | **Replacement Parts, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)* | | |
| 21 22 16 00-0073 | EA | O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559) | 55.57 | 21.39 |
| 21 22 16 00-0074 | EA | Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553) | 87.70 | 13.37 |
| 21 22 16 00-0075 | EA | Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053) | 119.77 | 26.74 |
| 21 22 16 00-0076 | EA | Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543) | 322.43 | 106.92 |
| 21 22 16 00-0077 | EA | Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551) | 478.16 | 106.92 |
| 21 22 16 00-0078 | EA | 1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535) | 1,570.09 | 106.92 |
| **21 22 16 00-0079** | | **Inergen® Fire Suppression System** *(21 22 16 00-0001)* | | |
| **21 22 16 00-0080** | | **Actuation Attachments, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0081 | EA | Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082) | 171.35 | 26.48 |
| 21 22 16 00-0082 | EA | Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958) | 198.85 | 28.46 |
| 21 22 16 00-0083 | EA | Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309) | 355.81 | 51.52 |
| 21 22 16 00-0084 | EA | Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876) | 717.98 | 117.33 |
| **21 22 16 00-0085** | | **Check Valves, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0086 | EA | 2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794) | 1,696.77 | 154.85 |
| **21 22 16 00-0087** | | **Components, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0088 | EA | 1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378) | 50.95 | 8.12 |
| 21 22 16 00-0089 | EA | Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700) | 597.64 | 87.01 |
| 21 22 16 00-0090 | EA | 30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169) | 1,860.67 | 272.23 |
| 21 22 16 00-0091 | EA | 60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170) | 1,776.55 | 277.33 |
| **21 22 16 00-0092** | | **Cylinders, Inergen® Fire Suppression System** *(21 22 16 00-0079)*<br>Note: Includes CV98 valve. Factory filled with Inergen agent. | | |
| 21 22 16 00-0093 | EA | 200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147) | 1,555.52 | 249.14 |
| 21 22 16 00-0094 | EA | 250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148) | 1,764.51 | 282.27 |
| 21 22 16 00-0095 | EA | 350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620) | 2,518.14 | 365.79 |
| 21 22 16 00-0096 | EA | 435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150) | 2,526.97 | 446.99 |
| 21 22 16 00-0097 | EA | 250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257) | 1,829.17 | 314.74 |
| 21 22 16 00-0098 | EA | 350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621) | 2,583.28 | 398.38 |
| 21 22 16 00-0099 | EA | 435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259) | 2,678.65 | 480.33 |
| **21 22 16 00-0100** | | **Inspection/Maintenance Devices, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0101 | EA | CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657) | 58.67 | 9.06 |
| 21 22 16 00-0102 | EA | CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181) | 58.67 | 9.06 |
| 21 22 16 00-0103 | EA | CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954) | 70.60 | 10.06 |
| 21 22 16 00-0104 | EA | Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923) | 1,117.94 | 172.89 |
| **21 22 16 00-0105** | | **Multiple Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0106 | EA | 13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502)<br>Note: For single row 435 cubic foot cylinders. | 18.78 | 2.65 |
| 21 22 16 00-0107 | EA | 27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503)<br>Note: For double row 435 cubic foot cylinders. | 26.66 | 3.78 |
| **21 22 16 00-0108** | | **Nameplates, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0109 | EA | Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265) | 20.71 | 2.96 |
| 21 22 16 00-0110 | EA | Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266) | 19.18 | 2.96 |
| **21 22 16 00-0111** | | **Nozzle Deflector Shields, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0112 | EA | 1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708) | 83.37 | 12.76 |
| 21 22 16 00-0113 | EA | 3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711) | 87.50 | 13.36 |
| 21 22 16 00-0114 | EA | 1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714) | 101.62 | 15.43 |
| 21 22 16 00-0115 | EA | 1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717) | 113.32 | 17.43 |
| 21 22 16 00-0116 | EA | 1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720) | 129.99 | 20.03 |
| **21 22 16 00-0117** | | **Nozzles, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0118 | EA | 1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908) | 127.73 | 19.74 |
| 21 22 16 00-0119 | EA | 3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723) | 132.49 | 20.33 |
| 21 22 16 00-0120 | EA | 1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362) | 122.21 | 18.82 |
| 21 22 16 00-0121 | EA | 3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363) | 125.37 | 20.33 |
| 21 22 16 00-0122 | EA | 1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364) | 145.29 | 22.36 |
| 21 22 16 00-0123 | EA | 1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365) | 155.31 | 23.81 |
| 21 22 16 00-0124 | EA | 1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366) | 167.22 | 25.55 |
| 21 22 16 00-0125 | EA | 2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155) | 287.91 | 44.72 |
| 21 22 16 00-0126 | EA | 2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156) | 380.66 | 58.66 |
| 21 22 16 00-0127 | EA | 3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137) | 415.01 | 64.47 |
| 21 22 16 00-0128 | EA | 1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138) | 148.77 | 23.21 |
| 21 22 16 00-0129 | EA | 3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139) | 175.46 | 27.19 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 22 16 00-0130 | EA | 1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140) | 144.39 | 22.36 |
| 21 22 16 00-0131 | EA | 3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141) | 154.20 | 23.70 |
| 21 22 16 00-0132 | EA | 1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142) | 155.56 | 23.81 |
| 21 22 16 00-0133 | EA | 1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143) | 187.78 | 28.93 |
| 21 22 16 00-0134 | EA | 1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157) | 202.43 | 31.36 |
| 21 22 16 00-0135 | EA | 2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144) | 310.73 | 48.13 |
| 21 22 16 00-0136 | EA | 2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145) | 362.85 | 56.34 |
| 21 22 16 00-0137 | EA | 3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146) | 397.58 | 61.56 |
| **21 22 16 00-0138** | | **Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0139 | EA | 1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677) | 167.22 | 25.55 |
| 21 22 16 00-0140 | EA | 3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678) | 205.20 | 31.83 |
| 21 22 16 00-0141 | EA | 1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679) | 220.72 | 34.27 |
| 21 22 16 00-0142 | EA | 1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680) | 310.73 | 48.13 |
| 21 22 16 00-0143 | EA | 1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681) | 339.54 | 52.74 |
| 21 22 16 00-0144 | EA | 2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682) | 398.95 | 61.56 |
| 21 22 16 00-0145 | EA | 2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057) | 463.86 | 72.19 |
| 21 22 16 00-0146 | EA | 3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058) | 548.44 | 85.38 |
| 21 22 16 00-0147 | EA | 2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823) | 698.89 | 168.44 |
| 21 22 16 00-0148 | EA | 3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824) | 897.68 | 197.48 |
| 21 22 16 00-0149 | EA | 4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825) | 1,157.07 | 331.06 |
| 21 22 16 00-0150 | EA | 2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847) | 681.97 | 168.44 |
| 21 22 16 00-0151 | EA | 3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848) | 755.01 | 117.64 |
| 21 22 16 00-0152 | EA | 4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849) | 1,157.07 | 331.06 |
| 21 22 16 00-0153 | EA | 2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853) | 696.21 | 168.44 |
| 21 22 16 00-0154 | EA | 3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854) | 784.72 | 122.26 |
| 21 22 16 00-0155 | EA | 4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855) | 1,135.71 | 331.06 |
| **21 22 16 00-0156** | | **Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0157 | EA | 3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344) | 786.79 | 128.36 |
| **21 22 16 00-0158** | | **Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0159 | EA | 12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728) | 1,288.40 | 199.13 |
| 21 22 16 00-0160 | EA | 24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492) | 1,830.57 | 265.35 |
| 21 22 16 00-0161 | EA | 120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525) | 1,938.58 | 269.93 |
| 21 22 16 00-0162 | EA | Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310) | 90.89 | 13.73 |
| 21 22 16 00-0163 | EA | LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373) | 108.98 | 18.18 |
| 21 22 16 00-0164 | EA | Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939) | 1,037.91 | 142.07 |
| **21 22 16 00-0165** | | **Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0166 | EA | 1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095) | 113.11 | 13.49 |
| 21 22 16 00-0167 | EA | 3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096) | 118.56 | 14.20 |
| 21 22 16 00-0168 | EA | 1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097) | 124.40 | 14.44 |
| 21 22 16 00-0169 | EA | 1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098) | 133.37 | 14.93 |
| 21 22 16 00-0170 | EA | 1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099) | 138.96 | 16.38 |
| 21 22 16 00-0171 | EA | 2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100) | 139.85 | 17.70 |
| 21 22 16 00-0172 | EA | 2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984) | 308.45 | 47.43 |
| 21 22 16 00-0173 | EA | 3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985) | 311.21 | 47.92 |
| 21 22 16 00-0174 | EA | 4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986) | 398.95 | 61.40 |
| **21 22 16 00-0175** | | **Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0176 | EA | Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704) | 145.29 | 22.36 |
| 21 22 16 00-0177 | EA | Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705)<br>Note: Includes saddle, padding and fasteners. | 203.14 | 51.11 |
| **21 22 16 00-0178** | | **Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0179 | EA | 2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856)<br>Note: Includes gasket and fasteners. | 373.65 | 33.05 |
| 21 22 16 00-0180 | EA | 3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857)<br>Note: Includes gasket and fasteners. | 318.50 | 49.35 |
| 21 22 16 00-0181 | EA | 4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858)<br>Note: Includes gasket and fasteners. | 664.09 | 331.06 |
| 21 22 16 00-0182 | EA | 2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859)<br>Note: Includes gasket and fasteners. | 199.68 | 30.87 |
| 21 22 16 00-0183 | EA | 3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860)<br>Note: Includes gasket and fasteners. | 234.39 | 36.01 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 22 16 00-0184 | EA | 4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861)<br>Note: Includes gasket and fasteners. | 659.60 | 331.06 |
| 21 22 16 00-0185 | EA | 2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862)<br>Note: Includes gasket and fasteners. | 207.93 | 32.32 |
| 21 22 16 00-0186 | EA | 3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863)<br>Note: Includes gasket and fasteners. | 243.56 | 37.67 |
| 21 22 16 00-0187 | EA | 4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864)<br>Note: Includes gasket and fasteners. | 681.84 | 331.06 |
| 21 22 16 00-0188 | EA | 2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828)<br>Note: Includes a stainless steel inner ring and a carbon steel outer ring. | 39.96 | 2.45 |
| 21 22 16 00-0189 | EA | 3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829)<br>Note: Includes a stainless steel inner ring and a carbon steel outer ring. | 40.45 | 2.70 |
| 21 22 16 00-0190 | EA | 4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830)<br>Note: Includes a stainless steel inner ring and a carbon steel outer ring. | 43.63 | 3.19 |
| **21 22 16 00-0191** | | **Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)* | | |
| 21 22 16 00-0192 | EA | Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508) | 25.46 | 3.93 |
| 21 22 16 00-0193 | EA | Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027) | 208.90 | 29.86 |
| 21 22 16 00-0194 | EA | 85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592)<br>Note: Includes upright, left, right and center. | 157.31 | 29.86 |
| **21 22 16 00-0195** | | **Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0001)* | | |
| **21 22 16 00-0196** | | **Accessory Switches, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0197 | EA | Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495) | 164.15 | 25.77 |
| 21 22 16 00-0198 | EA | Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494) | 186.58 | 29.37 |
| 21 22 16 00-0199 | EA | Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497) | 237.31 | 37.32 |
| 21 22 16 00-0200 | EA | Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496) | 255.61 | 40.21 |
| 21 22 16 00-0201 | EA | Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499) | 320.12 | 50.57 |
| 21 22 16 00-0202 | EA | Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498) | 340.69 | 53.70 |
| 21 22 16 00-0203 | EA | Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956) | 653.13 | 103.54 |
| 21 22 16 00-0204 | EA | Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490) | 52.46 | 7.71 |
| **21 22 16 00-0205** | | **Alarm Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0206 | EA | Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698) | 142.21 | 22.39 |
| 21 22 16 00-0207 | EA | Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699) | 208.51 | 32.75 |
| 21 22 16 00-0208 | EA | Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702) | 19.01 | 2.98 |
| **21 22 16 00-0209** | | **Annunciators, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0210 | EA | 80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492) | 1,638.94 | 259.82 |
| 21 22 16 00-0211 | EA | 16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496) | 1,373.89 | 217.67 |
| 21 22 16 00-0212 | EA | 16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497) | 1,066.54 | 169.03 |
| 21 22 16 00-0213 | EA | 32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500) | 928.88 | 147.12 |
| 21 22 16 00-0214 | EA | Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501) | 928.88 | 147.12 |
| 21 22 16 00-0215 | EA | Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502) | 744.09 | 117.75 |
| 21 22 16 00-0216 | EA | Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650) | 1,373.89 | 217.67 |
| 21 22 16 00-0217 | EA | 24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651) | 279.40 | 44.07 |
| 21 22 16 00-0218 | EA | 48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652) | 350.30 | 55.38 |
| 21 22 16 00-0219 | EA | 8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653) | 702.48 | 111.24 |
| 21 22 16 00-0220 | EA | Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660) | 118.66 | 18.66 |
| 21 22 16 00-0221 | EA | Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576)<br>Note: For up to 4 LDM modules. | 161.47 | 25.77 |
| 21 22 16 00-0222 | EA | Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657) | 279.41 | 44.07 |
| **21 22 16 00-0223** | | **Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0224 | EA | CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586) | 217.49 | 35.88 |
| 21 22 16 00-0225 | EA | REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639) | 13.50 | 2.46 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 22 16 00-0226 | EA | REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640) | 91.46 | 2.98 |
| 21 22 16 00-0227 | EA | REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765) | 14.66 | 2.98 |
| **21 22 16 00-0228** | | **Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0229 | EA | Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564) | 483.63 | 80.42 |
| 21 22 16 00-0230 | EA | Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566) | 289.86 | 47.92 |
| **21 22 16 00-0231** | | **Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0232 | EA | 7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692) | 212.69 | 30.82 |
| 21 22 16 00-0233 | EA | 12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693) | 444.95 | 65.25 |
| 21 22 16 00-0234 | EA | 18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694) | 502.20 | 73.92 |
| 21 22 16 00-0235 | EA | 25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695) | 654.93 | 90.05 |
| 21 22 16 00-0236 | EA | 55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997) | 1,058.30 | 156.27 |
| 21 22 16 00-0237 | EA | BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578) | 158.65 | 24.80 |
| 21 22 16 00-0238 | EA | BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079)<br>Note: Holds six XP5 modules or 25AH battery pack. | 283.54 | 44.78 |
| 21 22 16 00-0239 | EA | BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410)<br>Note: For mounting in BB-55 battery box. | 576.70 | 91.26 |
| 21 22 16 00-0240 | EA | Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207)<br>Note: For mounting in BB-55 battery box. | 1,676.69 | 265.83 |
| 21 22 16 00-0241 | EA | 120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563) | 1,226.17 | 194.31 |
| **21 22 16 00-0242** | | **Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0243 | EA | Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097) | 129.22 | 20.59 |
| 21 22 16 00-0244 | EA | Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098) | 120.97 | 20.47 |
| 21 22 16 00-0245 | EA | Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480) | 164.32 | 29.37 |
| 21 22 16 00-0246 | EA | 2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100) | 242.83 | 38.29 |
| 21 22 16 00-0247 | EA | NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101) | 189.08 | 31.06 |
| 21 22 16 00-0248 | EA | Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102) | 177.76 | 29.86 |
| 21 22 16 00-0249 | EA | Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487) | 28.32 | 4.76 |
| 21 22 16 00-0250 | EA | Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125) | 104.33 | 16.85 |
| 21 22 16 00-0251 | EA | Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066) | 104.25 | 16.38 |
| 21 22 16 00-0252 | EA | HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067) | 38.73 | 13.49 |
| 21 22 16 00-0253 | EA | Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138)<br>Note: Converts BX501 to low profile base. | 9.58 | 1.49 |
| 21 22 16 00-0254 | EA | Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945) | 100.35 | 15.77 |
| 21 22 16 00-0255 | EA | EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699) | 58.81 | 9.30 |
| 21 22 16 00-0256 | EA | XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078) | 159.04 | 24.56 |
| 21 22 16 00-0257 | EA | BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080) | 83.20 | 13.00 |
| **21 22 16 00-0258** | | **Manual Pull Stations, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0259 | EA | Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661) | 23.90 | 3.50 |
| 21 22 16 00-0260 | EA | Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336) | 14.77 | 1.92 |
| **21 22 16 00-0261** | | **Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)* | | |
| 21 22 16 00-0262 | EA | Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470)<br>Note: Includes municipal box and remote station connection. | 208.51 | 32.75 |
| 21 22 16 00-0263 | EA | Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471) | 626.15 | 94.15 |
| 21 22 16 00-0264 | EA | Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411) | 1,197.37 | 189.74 |
| 21 22 16 00-0265 | EA | Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635) | 31.91 | 4.92 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 22 16 00-0266 | | Vesda® Aspirating Smoke Detection System *(21 22 16 00-0001)* | | |
| 21 22 16 00-0267 | | Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)* | | |
| 21 22 16 00-0268 | EA | Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482) | 161.78 | 23.12 |
| 21 22 16 00-0269 | EA | Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379) | 313.53 | 34.85 |
| 21 22 16 00-0270 | EA | 120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374) | 900.98 | 134.84 |
| 21 22 16 00-0271 | EA | 220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375) | 900.98 | 134.84 |
| 21 22 16 00-0272 | EA | 120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376)<br>Note: Includes housing and battery cab. | 1,353.65 | 202.26 |
| 21 22 16 00-0273 | EA | 220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377)<br>Note: Includes housing and battery cab. | 1,353.65 | 202.26 |
| 21 22 16 00-0274 | EA | 48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378) | 1,970.17 | 257.64 |
| 21 22 16 00-0275 | | Blank Plates, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)* | | |
| 21 22 16 00-0276 | EA | Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459) | 29.05 | 4.33 |
| 21 22 16 00-0277 | EA | Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458) | 43.39 | 4.33 |
| 21 22 16 00-0278 | EA | Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484) | 63.34 | 8.19 |
| 21 22 16 00-0279 | EA | Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446) | 97.95 | 9.15 |
| 21 22 16 00-0280 | EA | Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447) | 124.50 | 18.30 |
| 21 22 16 00-0281 | EA | Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480) | 228.53 | 23.12 |
| 21 22 16 00-0282 | | Detectors, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)* | | |
| 21 22 16 00-0283 | EA | LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350)<br>Note: Includes 3 blank plates. | 6,826.36 | 1,131.71 |
| 21 22 16 00-0284 | EA | LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354)<br>Note: Includes centrally mounted LCD programmer module and standard display. | 8,700.51 | 1,396.57 |
| 21 22 16 00-0285 | EA | LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356)<br>Note: Includes centrally mounted LCD programmer. | 7,869.82 | 1,276.18 |
| 21 22 16 00-0286 | EA | 7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357) | 10,925.60 | 1,685.52 |
| 21 22 16 00-0287 | EA | 12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358) | 11,504.23 | 1,781.84 |
| 21 22 16 00-0288 | EA | 7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359)<br>Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs. | 11,046.90 | 1,709.60 |
| 21 22 16 00-0289 | EA | 12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360)<br>Note: Includes 1 fire alarm (any SCT) and OK/FOK LED. | 11,666.95 | 1,805.92 |
| 21 22 16 00-0290 | EA | 7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361)<br>Note: Includes 2 blank plates and scan display module at far right. | 12,004.33 | 1,878.16 |
| 21 22 16 00-0291 | EA | 12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363)<br>Note: Includes 2 blank plates and scanner display. | 12,528.08 | 1,974.48 |
| 21 22 16 00-0292 | EA | 7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365)<br>Note: Includes centrally mounted programmer module. | 13,167.25 | 2,070.79 |
| 21 22 16 00-0293 | EA | 12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367)<br>Note: Includes centrally mounted LCD programmer module and scanner display module. | 13,731.05 | 2,167.11 |
| 21 22 16 00-0294 | EA | 12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369)<br>Note: Includes centrally mounted LCD programmer. | 12,892.37 | 1,974.48 |
| 21 22 16 00-0295 | | Displays, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)* | | |
| 21 22 16 00-0296 | EA | VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381)<br>Note: Includes a remote termination card and 7 relays. | 2,061.04 | 264.87 |
| 21 22 16 00-0297 | EA | VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385)<br>Note: Includes a remote termination card and 7 relays. | 2,070.84 | 264.87 |
| 21 22 16 00-0298 | EA | VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383)<br>Note: Includes a remote termination card without relays. | 1,866.71 | 240.79 |
| 21 22 16 00-0299 | EA | VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387)<br>Note: Includes a remote termination card. | 1,878.09 | 240.79 |
| 21 22 16 00-0300 | EA | VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389)<br>Note: Includes a remote termination card and 12 relays. | 2,319.72 | 288.95 |
| 21 22 16 00-0301 | EA | VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391) | 1,972.27 | 250.42 |
| 21 22 16 00-0302 | EA | VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393) | 2,160.35 | 281.24 |
| 21 22 16 00-0303 | | Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)* | | |
| 21 22 16 00-0304 | EA | LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370) | 5,208.49 | 794.61 |
| 21 22 16 00-0305 | EA | LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372) | 4,285.83 | 635.68 |
| 21 22 16 00-0306 | EA | Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380) | 1,518.53 | 240.79 |
| 21 22 16 00-0307 | EA | VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395) | 1,089.83 | 156.51 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 22 16 00-0308 | EA | System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399) | 1,516.98 | 210.93 |
| 21 22 16 00-0309 | EA | PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442)<br>Note: Interface connects PC and LaserPLUS system. | 2,160.54 | 260.05 |
| 21 22 16 00-0310 | EA | Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443) | 285.99 | 39.01 |
| 21 22 16 00-0311 | EA | Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444) | 1,908.34 | 240.79 |
| 21 22 16 00-0312 | EA | Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460) | 1,368.66 | 199.85 |
| 21 22 16 00-0313 | EA | VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463) | 1,074.34 | 154.10 |
| 21 22 16 00-0314 | EA | Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461) | 1,370.79 | 199.85 |
| 21 22 16 00-0315 | EA | Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464) | 1,368.66 | 199.85 |
| 21 22 16 00-0316 | EA | Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487) | 1,351.34 | 187.82 |
| 21 22 16 00-0317 | EA | Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466) | 160.55 | 16.85 |
| 21 22 16 00-0318 | EA | Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467) | 6,532.70 | 924.63 |
| 21 22 16 00-0319 | EA | Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470) | 11,384.67 | 1,618.10 |
| 21 22 16 00-0320 | EA | Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475) | 888.42 | 120.40 |
| 21 22 16 00-0321 | EA | Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477) | 20.16 | 2.41 |
| 21 22 16 00-0322 | EA | Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478) | 11.20 | 0.48 |
| 21 22 16 00-0323 | EA | US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481) | 490.14 | 69.82 |
| 21 22 16 00-0324 | EA | Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483) | 593.84 | 84.76 |
| 21 22 16 00-0325 | EA | Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486) | 857.34 | 122.81 |
| 21 22 16 00-0326 | EA | RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488) | 126.37 | 18.30 |
| 21 22 16 00-0327 | EA | Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502) | 19.94 | 3.85 |
| **21 22 16 00-0328** | | **Labels And Decals, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)* | | |
| 21 22 16 00-0329 | EA | Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509) | 17.99 | 2.89 |
| 21 22 16 00-0330 | EA | Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505) | 18.97 | 3.37 |
| 21 22 16 00-0331 | EA | Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506) | 29.05 | 4.33 |
| 21 22 16 00-0332 | EA | Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507) | 29.10 | 4.33 |
| 21 22 16 00-0333 | EA | Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508) | 105.60 | 16.38 |
| **21 22 16 00-0334** | | **Mounting Hardware, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)* | | |
| 21 22 16 00-0335 | EA | Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456) | 259.60 | 34.67 |
| 21 22 16 00-0336 | EA | Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472) | 349.66 | 46.23 |
| 21 22 16 00-0337 | EA | Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471) | 358.42 | 50.57 |
| 21 22 16 00-0338 | EA | Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457) | 861.20 | 72.24 |
| 21 22 16 00-0339 | EA | Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445) | 1,278.49 | 158.92 |
| **21 22 16 00-0340** | | **Pipe And Fittings, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)* | | |
| 21 22 16 00-0341 | LF | 3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491) | 5.66 | 1.73 |
| 21 22 16 00-0342 | EA | 3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497) | 9.79 | 3.48 |
| 21 22 16 00-0343 | EA | 3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494) | 27.14 | 10.42 |
| 21 22 16 00-0344 | EA | 3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493) | 27.95 | 10.42 |
| 21 22 16 00-0345 | EA | 3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495) | 19.20 | 6.95 |
| 21 22 16 00-0346 | EA | 3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496) | 30.74 | 10.42 |
| 21 22 16 00-0347 | EA | 3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498) | 41.60 | 15.63 |
| 21 22 16 00-0348 | EA | 3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499) | 51.71 | 18.35 |
| 21 22 16 00-0349 | LF | 1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500) | 4.95 | 1.74 |
| 21 22 16 00-0350 | EA | Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479) | 19.36 | 5.30 |
| 21 22 16 00-0351 | EA | Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503) | 23.07 | 3.85 |
| 21 22 16 00-0352 | EA | Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504) | 33.04 | 5.30 |
| **21 22 16 00-0353** | | **Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)* | | |
| 21 22 16 00-0354 | EA | VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396)<br>Note: Remote box includes 7 relays for VLP/VLC. | 1,495.44 | 184.93 |
| 21 22 16 00-0355 | EA | VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490) | 1,529.57 | 212.86 |
| 21 22 16 00-0356 | EA | 12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485) | 926.09 | 130.03 |
| 21 22 16 00-0357 | EA | RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489) | 1,057.81 | 146.88 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 22 16 00-0358 | EA | VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) | 1,495.44 | 184.93 |
| | | Note: Remote box includes 7 relays for VLS. | | |
| 21 22 16 00-0359 | EA | VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) | 1,802.36 | 212.86 |
| | | Note: Remote box includes 12 relays for VLS. | | |
| 21 22 16 00-0360 | EA | Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468) | 512.37 | 65.49 |
| 21 22 16 00-0361 | EA | Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469) | 771.02 | 100.17 |
| 21 22 16 00-0362 | EA | 7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474) | 1,456.11 | 207.08 |
| 21 22 16 00-0363 | EA | 12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476) | 2,136.05 | 303.39 |
| 21 22 16 00-0364 | | Preferred® Low Pressure CO2 System *(21 22 16 00-0001)* | | |
| 21 22 16 00-0365 | | Manual Pull Stations, Preferred® Low Pressure CO2 System *(21 22 16 00-0364)* | | |
| 21 22 16 00-0366 | EA | Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) | 115.41 | 16.85 |
| | | Note: Excludes FMM-101. | | |
| 21 22 16 00-0367 | EA | Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659) | 86.32 | 12.52 |
| 21 22 16 00-0368 | | Industrial Fire Control System *(21 22 16 00-0001)* | | |
| 21 22 16 00-0369 | | Alarm Devices, Industrial Fire Control System *(21 22 16 00-0368)* | | |
| 21 22 16 00-0370 | EA | Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947) | 2,801.35 | 444.26 |
| 21 22 16 00-0371 | EA | 6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751) | 84.95 | 10.21 |
| 21 22 16 00-0372 | EA | 24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697) | 84.58 | 13.25 |
| 21 22 16 00-0373 | EA | Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700) | 50.40 | 7.95 |
| 21 22 16 00-0374 | EA | Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701) | 20.59 | 3.22 |
| 21 22 16 00-0375 | | Manual Pull Stations, Industrial Fire Control System *(21 22 16 00-0368)* | | |
| 21 22 16 00-0376 | EA | SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655) | 95.38 | 13.96 |
| 21 22 16 00-0377 | EA | DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656) | 134.49 | 19.74 |
| 21 22 16 00-0378 | EA | Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657) | 1,050.20 | 155.07 |
| 21 22 16 00-0379 | EA | Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660) | 30.53 | 4.48 |
| 21 22 16 00-0380 | EA | Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654) | 13.69 | 1.99 |
| 21 22 16 00-0381 | | Marine Fire Control System *(21 22 16 00-0001)* | | |
| 21 22 16 00-0382 | | Alarm Devices, Marine Fire Control System *(21 22 16 00-0381)* | | |
| 21 22 16 00-0383 | EA | Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747) | 55.32 | 8.09 |
| 21 22 16 00-0384 | EA | 6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805) | 102.09 | 15.65 |
| 21 22 16 00-0385 | EA | 10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806) | 102.09 | 15.65 |
| 21 22 16 00-0386 | | FM200 System Equipment *(21 22 16)* | | |
| 21 22 16 00-0387 | EA | 26 LB Cylinder, Filled, For FM200 Fire Protection system | 3,184.92 | 116.16 |
| 21 22 16 00-0388 | EA | 44 LB Cylinder, Filled, For FM200 Fire Protection system | 4,560.66 | 133.00 |
| 21 22 16 00-0389 | EA | 63 LB Cylinder, Filled, For FM200 Fire Protection system | 5,413.53 | 156.82 |
| 21 22 16 00-0390 | EA | 101 LB Cylinder, Filled, For FM200 Fire Protection system | 7,171.58 | 185.86 |
| 21 22 16 00-0391 | EA | 196 LB Cylinder, Filled, For FM200 Fire Protection system | 11,201.32 | 232.33 |
| 21 22 16 00-0392 | EA | Electro/Mechanical Release, For FM200 Fire Protection system | 733.07 | 232.33 |
| 21 22 16 00-0393 | EA | Manual Pull Station, For FM200 Fire Protection system | 255.13 | 77.25 |
| 21 22 16 00-0394 | EA | Pneumatic Damper Release, For FM200 Fire Protection system | 306.29 | 58.08 |
| 21 22 16 00-0395 | LB | FM200 Gas | 24.92 | |
| 21 22 16 00-0396 | EA | Master Cylinder, For FM200 Fire Protection system | 5,178.22 | 62.49 |
| 21 22 16 00-0397 | EA | Shuttle Check Valve, For FM200 Fire Protection system | 755.42 | 87.35 |
| 21 22 16 00-0398 | EA | Flex Head Cylinder, For FM200 Fire Protection system | 753.80 | 93.63 |
| 21 22 16 00-0399 | EA | Nozzles, For FM200 Fire Protection system | 189.25 | 33.11 |
| 21 22 16 00-0400 | EA | Cylinder Support, For FM200 Fire Protection system | 225.28 | 62.49 |
| 21 22 16 00-0401 | EA | Solenoid Valve, For FM200 Fire Protection system | 972.49 | 93.63 |
| 21 22 16 00-0402 | EA | Battery Back-Up, For FM200 Fire Protection system | 759.19 | 246.96 |
| 21 22 16 00-0403 | EA | Control Panel, Single Zone, For FM200 Fire Protection system | 3,835.66 | 463.95 |
| 21 22 16 00-0404 | EA | Control Panel, Multi Zone, For FM200 Fire Protection system | 6,242.13 | 928.95 |
| 21 22 16 00-0405 | EA | Smoke Or Heat Detector, For FM200 Fire Protection system | 316.73 | 93.63 |
| 21 22 16 00-0406 | EA | Annunciator, For FM200 Fire Protection system | 3,102.63 | 351.62 |
| 21 22 16 00-0407 | EA | Pressure Switch, For FM200 Fire Protection system | 342.53 | 93.63 |
| 21 22 16 00-0408 | EA | Alarm Horn, For FM200 Fire Protection system | 314.25 | 93.63 |
| 21 22 16 00-0409 | EA | Testing, For FM200 Fire Protection system | 1,416.76 | |
| 21 22 16 00-0410 | EA | Abort Switch, For FM200 Fire Protection system | 214.02 | 43.56 |

## 21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

### 21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001 Kidde Fire Systems *(21 23 16)*

Note: Kidde or equal.

21 23 16 00-0002 Cylinders And Hardware *(21 23 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 21 23 16 00-0003 | EA | 125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent | 1,051.76 | 96.23 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 23 16 00-0004 | EA | 260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent | 1,205.68 | 119.86 |
| 21 23 16 00-0005 | EA | 400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent | 1,477.08 | 147.88 |
| 21 23 16 00-0006 | EA | 600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent | 1,743.99 | 175.46 |
| 21 23 16 00-0007 | EA | Discharge Adapter Kit (One Required Per Cylinder) | 59.06 | 5.03 |
| 21 23 16 00-0008 | EA | System Valve Actuator | 211.57 | 20.00 |
| 21 23 16 00-0009 | EA | Vent Plug | 39.60 | 4.06 |
| 21 23 16 00-0010 | EA | Gauge Shield | 84.59 | 10.69 |
| 21 23 16 00-0011 | EA | 125 Cylinder Wall Mounting Bracket | 108.92 | 10.69 |
| 21 23 16 00-0012 | EA | 260 Cylinder Wall Mounting Bracket | 115.46 | 11.33 |
| 21 23 16 00-0013 | EA | 400S And M Cylinder Wall Mounting Bracket | 219.52 | 21.39 |
| 21 23 16 00-0014 | EA | 600 And 400M Cylinder Shelf Bracket | 214.78 | 24.27 |
| 21 23 16 00-0015 | EA | 600 And 400M Cylinder Floor Mounting Kit | 249.09 | 24.33 |
| 21 23 16 00-0016 | EA | 125 And 260 Cylinder Replacement Bracket Strap | 34.16 | |
| 21 23 16 00-0017 | EA | 400 And 600 Cylinder Replacement Bracket Strap | 35.97 | |

## 21 23 16 00-0018 Nozzles And Accessories *(21 23 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 21 23 16 00-0019 | EA | ADP, F, GRW Or R Nozzle | 97.62 | 9.84 |
| 21 23 16 00-0020 | EA | LPF Or DM Nozzle | 106.37 | 9.84 |
| 21 23 16 00-0021 | EA | LPR Nozzle | 124.39 | 9.84 |
| 21 23 16 00-0022 | EA | 3/8" Swivel Adapter For Nozzles | 73.37 | 6.95 |
| 21 23 16 00-0023 | EA | Removal And Replacement Of Nozzle Seals | 11.55 | |
| 21 23 16 00-0024 | EA | Chrome Nozzle Disc Cap | 7.13 | 0.64 |
| 21 23 16 00-0025 | EA | LPR Nozzle Disc Cap | 34.01 | 9.78 |

## 21 23 16 00-0026 Control Systems *(21 23 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 21 23 16 00-0027 | EA | XV Control System<br>Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit. | 1,051.02 | 64.16 |
| 21 23 16 00-0028 | EA | 7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System) | 90.01 | 10.69 |
| 21 23 16 00-0029 | EA | 24" High Pressure Hose | 106.26 | 10.69 |
| 21 23 16 00-0030 | EA | 60" High Pressure Hose | 142.37 | 10.69 |
| 21 23 16 00-0031 | EA | XV Solenoid Kit (Electric Actuator), 24 Volt DC | 207.09 | 21.39 |
| 21 23 16 00-0032 | EA | XV Microswitch Kit, SPDT | 68.86 | 10.05 |
| 21 23 16 00-0033 | EA | XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release | 74.28 | 10.05 |
| 21 23 16 00-0034 | EA | EMT Connector Kit (EMT Connector And O-Ring) | 30.49 | 8.02 |
| 21 23 16 00-0035 | EA | KRS-50 Control Box Assembly<br>Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label. | 592.07 | 41.43 |
| 21 23 16 00-0036 | EA | SPDT Microswitch For KRS-50 | 102.34 | 10.05 |
| 21 23 16 00-0037 | EA | DPDT Microswitch For KRS-50 | 185.38 | 17.43 |
| 21 23 16 00-0038 | EA | SPDT Pressure Switch (Fire Department Tie-In) | 568.53 | 55.92 |

## 21 23 16 00-0039 Mechanical Actuation Components *(21 23 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 21 23 16 00-0040 | EA | Universal Detector Link Housing Kit, Mechanical Actuation Systems<br>Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves. | 61.82 | 16.04 |
| 21 23 16 00-0041 | EA | XV Low Profile Link Detector Housing Kit<br>Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook. | 79.02 | 16.04 |
| 21 23 16 00-0042 | EA | XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip | 209.18 | 10.69 |
| 21 23 16 00-0043 | EA | XV Remote Manual Release, Pull-To-Trip | 160.43 | 10.69 |
| 21 23 16 00-0044 | EA | Corner Pulley, Mechanical Actuation Systems | 28.52 | 2.89 |
| 21 23 16 00-0045 | EA | Double Tee Pulley, Mechanical Actuation Systems | 400.97 | 17.64 |
| 21 23 16 00-0046 | EA | In-Line Tee Pulley, Mechanical Actuation Systems | 47.84 | 4.70 |
| 21 23 16 00-0047 | EA | Corner Pulley / Quik-Seal Adapter Combination | 84.72 | 5.35 |
| 21 23 16 00-0048 | LF | 1/16" Cable, Mechanical Actuation Systems | 2.68 | 1.07 |
| 21 23 16 00-0049 | EA | Cable Clamp | 11.90 | 0.53 |
| 21 23 16 00-0050 | EA | Cable Crimp Sleeve, Mechanical Actuation Systems | 1.80 | 0.42 |
| 21 23 16 00-0051 | EA | "S" Hook, Mechanical Actuation Systems | 1.73 | 0.42 |
| 21 23 16 00-0052 | EA | 1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems | 102.09 | 9.94 |

## 21 23 16 00-0053 Mechanical Detection Links *(21 23 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 21 23 16 00-0054 | EA | KGS Standard Response Link | 20.84 | 5.35 |
| 21 23 16 00-0055 | EA | KGS Rapid Response Link | 30.99 | 5.35 |
| 21 23 16 00-0056 | EA | KFA Type "A" Fusible Link | 26.44 | 5.35 |
| 21 23 16 00-0057 | EA | KML Type "ML" Fusible Link | 23.33 | 5.35 |
| 21 23 16 00-0058 | EA | 500 Degree, KML Type "ML" Fusible Link | 34.16 | 5.35 |

## 21 23 16 00-0059 Gas Valves *(21 23 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 21 23 16 00-0060 | EA | 3/4" NPT Mechanical Cable Operated Gas Shut-off Valve | 467.92 | 23.10 |
| 21 23 16 00-0061 | EA | 1" NPT Mechanical Cable Operated Gas Shut-off Valve | 508.41 | 28.44 |
| 21 23 16 00-0062 | EA | 1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve | 582.94 | 35.92 |
| 21 23 16 00-0063 | EA | 1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve | 639.17 | 41.38 |
| 21 23 16 00-0064 | EA | 2" NPT Mechanical Cable Operated Gas Shut-off Valve | 689.20 | 48.87 |
| 21 23 16 00-0065 | EA | 2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve | 1,145.54 | 71.42 |
| 21 23 16 00-0066 | EA | 3" NPT Mechanical Cable Operated Gas Shut-off Valve | 1,278.35 | 82.65 |
| 21 23 16 00-0067 | EA | Pneumatic Release (Single Unit) | 531.58 | 26.09 |
| 21 23 16 00-0068 | EA | Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve | 55.77 | |
| 21 23 16 00-0069 | EA | 1/2" Electric Solenoid Gas Shut-off Valve | 489.19 | 21.50 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 23 16 00-0070 | EA | 3/4" Electric Solenoid Gas Shut-off Valve | 492.42 | 23.10 |
| 21 23 16 00-0071 | EA | 1" Electric Solenoid Gas Shut-off Valve | 762.16 | 28.44 |
| 21 23 16 00-0072 | EA | 1-1/4" Electric Solenoid Gas Shut-off Valve | 805.19 | 35.92 |
| 21 23 16 00-0073 | EA | 1-1/2" Electric Solenoid Gas Shut-off Valve | 924.42 | 41.38 |
| 21 23 16 00-0074 | EA | 2" Electric Solenoid Gas Shut-off Valve | 1,189.70 | 48.87 |
| 21 23 16 00-0075 | EA | 2-1/2" Electric Solenoid Gas Shut-off Valve | 1,969.79 | 71.42 |
| 21 23 16 00-0076 | EA | 3" Electric Solenoid Gas Shut-off Valve | 2,477.10 | 82.65 |
| 21 23 16 00-0077 | EA | Manual Reset Relay | 643.70 | 107.46 |
| **21 23 16 00-0078** | | **Liquid Tight Sealing Adapters** *(21 23 16 00-0001)* | | |
| 21 23 16 00-0079 | EA | 3/8" Tubing, Compression Seal Adapter | 52.72 | 4.49 |
| 21 23 16 00-0080 | EA | 1/2" Tubing, 1/4" Pipe, Compression Seal Adapter | 51.76 | 4.92 |
| 21 23 16 00-0081 | EA | 5/8" Tubing, 3/8" Pipe, Compression Seal Adapter | 60.74 | 5.88 |
| 21 23 16 00-0082 | EA | 3/4" Tubing, 1/2" Pipe, Compression Seal Adapter | 70.28 | 6.31 |
| 21 23 16 00-0083 | EA | 1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter | 60.74 | 5.88 |
| 21 23 16 00-0084 | EA | 3/8" NPT Female, Quik-Seal Adapter | 51.76 | 4.92 |
| 21 23 16 00-0085 | EA | 1/2" NPT Female, Quik-Seal Adapter | 51.76 | 4.92 |
| 21 23 16 00-0086 | EA | 3/4" NPT Female, Quik-Seal Adapter | 84.89 | 8.34 |
| 21 23 16 00-0087 | EA | 1" NPT Female, Quik-Seal Adapter | 113.05 | 11.01 |
| 21 23 16 00-0088 | EA | Quik-Patch For Hole Patching Up To 1-1/8" Diameter | 51.76 | |
| **21 23 16 00-0089** | | **Pressure Operated Releasing Systems** *(21 23 16 00-0001)* | | |
| 21 23 16 00-0090 | EA | KRS-100 Nitrogen Cylinder | 377.79 | 32.30 |
| 21 23 16 00-0091 | EA | KRS-100 Actuator Assembly | 337.09 | 32.93 |
| 21 23 16 00-0092 | EA | KRS-100 Mounting Bracket | 271.66 | 8.13 |
| 21 23 16 00-0093 | EA | KRS-700S Nitrogen Cylinder | 968.47 | 93.13 |
| 21 23 16 00-0094 | EA | KRS-700 Mounting Bracket | 206.11 | 19.89 |
| 21 23 16 00-0095 | EA | KRS-700S Discharge Adapter Kit | 316.18 | 19.89 |
| 21 23 16 00-0096 | EA | Check Valve, Pressure Operated Releasing Systems | 315.19 | 14.11 |
| 21 23 16 00-0097 | EA | Vent Check, Pressure Operated Releasing Systems | 95.05 | 8.99 |
| 21 23 16 00-0098 | EA | Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly | 12.59 | |
| 21 23 16 00-0099 | EA | 3 Pole, Double Throw Pressure Switch | 776.19 | 74.85 |
| **21 23 16 00-0100** | | **Pyro-Chem Kitchen Fire Suppression Systems** *(21 23 16)* | | |
| **21 23 16 00-0101** | | **Cylinders, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0102 | EA | 3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194) | 680.91 | 75.91 |
| 21 23 16 00-0103 | EA | 4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193) | 980.84 | 109.39 |
| 21 23 16 00-0104 | EA | 6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196) | 1,290.96 | 149.59 |
| 21 23 16 00-0105 | EA | Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053) | 140.65 | 17.86 |
| 21 23 16 00-0106 | EA | Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208) | 925.70 | 116.76 |
| 21 23 16 00-0107 | EA | Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966) | 565.20 | 71.21 |
| **21 23 16 00-0108** | | **Fusible Links, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0109 | EA | 165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522) | 18.25 | 2.36 |
| 21 23 16 00-0110 | EA | 212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523) | 18.25 | 2.36 |
| 21 23 16 00-0111 | EA | 280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524) | 18.66 | 2.36 |
| 21 23 16 00-0112 | EA | 360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525) | 18.25 | 2.36 |
| 21 23 16 00-0113 | EA | 450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526) | 18.25 | 2.36 |
| 21 23 16 00-0114 | EA | 500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527) | 19.74 | 2.36 |
| 21 23 16 00-0115 | EA | Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131) | 31.62 | 3.96 |
| 21 23 16 00-0116 | EA | Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132) | 41.07 | 5.24 |
| 21 23 16 00-0117 | EA | Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876) | 60.44 | 27.05 |
| 21 23 16 00-0118 | EA | 225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6) | 399.98 | 60.20 |
| **21 23 16 00-0119** | | **Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0120 | EA | 3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593) | 320.69 | 23.10 |
| 21 23 16 00-0121 | EA | 1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594) | 366.33 | 28.44 |
| 21 23 16 00-0122 | EA | 1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595) | 397.99 | 35.92 |
| 21 23 16 00-0123 | EA | 1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596) | 438.67 | 41.27 |
| 21 23 16 00-0124 | EA | 2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049) | 505.25 | 48.76 |
| 21 23 16 00-0125 | EA | 2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185) | 1,156.02 | 71.32 |
| 21 23 16 00-0126 | EA | 3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186) | 1,236.75 | 82.54 |
| 21 23 16 00-0127 | EA | 3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358) | 254.11 | 23.10 |
| 21 23 16 00-0128 | EA | 1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359) | 427.91 | 28.44 |
| 21 23 16 00-0129 | EA | 1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360) | 449.58 | 35.92 |
| 21 23 16 00-0130 | EA | 1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361) | 511.88 | 41.27 |
| 21 23 16 00-0131 | EA | 2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362) | 704.95 | 48.76 |
| 21 23 16 00-0132 | EA | 2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363) | 1,352.38 | 71.32 |
| 21 23 16 00-0133 | EA | 3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643) | 1,429.81 | 82.54 |
| **21 23 16 00-0134** | | **Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0135 | EA | Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem) | 65.27 | 7.91 |
| 21 23 16 00-0136 | EA | Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem) | 92.11 | 10.05 |
| 21 23 16 00-0137 | EA | Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem) | 341.66 | 10.05 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **21 23 16 00-0138** | | **Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0139 | EA | Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059) | 24.17 | 3.10 |
| 21 23 16 00-0140 | EA | PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104) | 791.65 | 100.40 |
| 21 23 16 00-0141 | EA | PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690) | 1,008.97 | 128.42 |
| **21 23 16 00-0142** | | **Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0143 | EA | 24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303) | 517.54 | 65.76 |
| 21 23 16 00-0144 | EA | 120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302) | 624.44 | 79.23 |
| **21 23 16 00-0145** | | **Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0146 | EA | Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203) | 570.98 | 72.50 |
| 21 23 16 00-0147 | EA | Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200) | 596.04 | 75.81 |
| 21 23 16 00-0148 | EA | 24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201) | 776.29 | 98.59 |
| 21 23 16 00-0149 | EA | 120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202) | 890.64 | 113.34 |
| 21 23 16 00-0150 | EA | Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853) | 72.34 | 9.20 |
| **21 23 16 00-0151** | | **Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0152 | EA | Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670) | 17.72 | 1.50 |
| 21 23 16 00-0153 | EA | Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250) | 18.40 | 1.92 |
| 21 23 16 00-0154 | EA | Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166) | 58.01 | 7.37 |
| 21 23 16 00-0155 | EA | Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272) | 0.77 | |
| **21 23 16 00-0156** | | **Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0157 | EA | SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227) | 63.07 | 8.02 |
| 21 23 16 00-0158 | EA | DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237) | 126.30 | 15.94 |
| 21 23 16 00-0159 | EA | Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978) | 267.27 | 33.79 |
| **21 23 16 00-0160** | | **Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0161 | LF | 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821) | 1.34 | 0.32 |
| 21 23 16 00-0162 | EA | Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122) | 0.86 | 0.32 |
| 21 23 16 00-0163 | EA | High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551) | 3.13 | 0.42 |
| 21 23 16 00-0164 | EA | "S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121) | 0.59 | |
| **21 23 16 00-0165** | | **Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0166 | EA | Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698) | 59.96 | 7.70 |
| 21 23 16 00-0167 | EA | Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831) | 62.59 | 8.02 |
| 21 23 16 00-0168 | EA | Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705) | 7.32 | 0.97 |
| 21 23 16 00-0169 | EA | 225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236) | 85.80 | 10.48 |
| 21 23 16 00-0170 | EA | Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716) | 12.06 | 1.50 |
| 21 23 16 00-0171 | EA | Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707) | 16.79 | 2.14 |
| 21 23 16 00-0172 | EA | Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715) | 7.32 | 0.97 |
| 21 23 16 00-0173 | EA | Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528) | 10.33 | 1.28 |
| 21 23 16 00-0174 | EA | Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529) | 10.10 | 1.28 |
| 21 23 16 00-0175 | EA | Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530) | 2.89 | 0.32 |
| 21 23 16 00-0176 | EA | Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257) | 4.89 | |
| 21 23 16 00-0177 | EA | O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063) | 93.52 | |
| 21 23 16 00-0178 | EA | 3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024) | 631.64 | |
| 21 23 16 00-0179 | EA | 4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902) | 822.60 | |
| 21 23 16 00-0180 | EA | 6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901) | 951.42 | |
| **21 23 16 00-0181** | | **Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0182 | EA | 3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857) | 29.33 | 3.64 |
| 21 23 16 00-0183 | EA | 1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859) | 30.39 | 3.85 |
| 21 23 16 00-0184 | EA | Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788) | 58.51 | 7.37 |
| 21 23 16 00-0185 | EA | Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240) | 82.79 | |
| 21 23 16 00-0186 | EA | 3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188) | 177.96 | |
| **21 23 16 00-0187** | | **Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)* | | |
| 21 23 16 00-0188 | EA | Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074) | 118.29 | 15.08 |
| 21 23 16 00-0189 | EA | Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166) | 128.93 | 21.17 |
| 21 23 16 00-0190 | EA | Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088) | 31.62 | 3.96 |
| 21 23 16 00-0191 | EA | Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661) | 4.61 | 1.39 |
| **21 23 16 00-0192** | | **Asco Gas Valve Control Panels** *(21 23 16)* | | |
| 21 23 16 00-0193 | EA | Relay Control Panel For AC Solenoid Valves (Asco 108D90C) | 2,256.70 | 235.24 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 23 16 00-0194 | EA | Relay Control Panel For DC Solenoid Valves (Asco 108D10C) | 2,330.86 | 235.24 |
| 21 23 16 00-0195 | EA | Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89) | 755.60 | 53.46 |
| 21 23 16 00-0196 | EA | Emergency Stop Station For Relay Control Panel (Asco 173A19) | 707.15 | 53.46 |

## 21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

### 21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

#### 21 24 16 00-0001 Amerex KP Restaurant Fire Suppression Systems *(21 24 16)*

Note: Amerex or equal.

| | | | | |
|---|---|---|---|---|
| 21 24 16 00-0002 | EA | 3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve | 650.61 | 82.98 |
| 21 24 16 00-0003 | EA | 6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve | 909.14 | 104.62 |
| 21 24 16 00-0004 | EA | Recharge - KP Liquid Agent (3.75 Gallon) | 215.92 | |
| 21 24 16 00-0005 | EA | Recharge - KP Liquid Agent (6 Gallon) | 379.57 | |
| 21 24 16 00-0006 | EA | 3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet | 151.15 | 17.42 |
| 21 24 16 00-0007 | EA | 6 Gallon, Bracket Assembly Agent Cylinder | 88.05 | 10.10 |
| 21 24 16 00-0008 | EA | 6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit | 38.18 | |
| 21 24 16 00-0009 | EA | 6 Gallon, Pneumatic Actuator, Agent Cylinder | 151.15 | 17.42 |
| 21 24 16 00-0010 | EA | MRM Actuator (Less N2 Cylinder And Enclosure) | 379.57 | 43.66 |
| 21 24 16 00-0011 | EA | Painted Steel, MRM Enclosure | 202.29 | 23.22 |
| 21 24 16 00-0012 | EA | Stainless Steel, MRM Enclosure | 247.79 | 23.22 |
| 21 24 16 00-0013 | EA | Stainless Steel, Single Cylinder System Cabinet | 602.32 | 69.32 |
| 21 24 16 00-0014 | EA | N2 - 1/4" x 16" Actuation Hose | 45.46 | 5.23 |
| 21 24 16 00-0015 | EA | 10 CU. Inch, Nitrogen Cylinder | 202.29 | 23.22 |
| | | Note: Use For 1-10 Agent Cylinders | | |
| 21 24 16 00-0016 | EA | Vent Check | 36.37 | 4.18 |
| 21 24 16 00-0017 | EA | Detector | 27.27 | 3.13 |
| | | Note: Includes bracket, linkage and conduit fittings. | | |
| 21 24 16 00-0018 | EA | 280 To 450 Degree F, Fusible Link | 10.24 | 1.16 |
| 21 24 16 00-0019 | EA | Test Link | 3.15 | |
| 21 24 16 00-0020 | EA | Corner Pulley | 14.09 | 1.62 |
| 21 24 16 00-0021 | EA | 1/16", 500 Foot Spool, Cable | 227.28 | 26.13 |
| 21 24 16 00-0022 | EA | Pulley Tee | 102.27 | 11.73 |
| 21 24 16 00-0023 | EA | Manual Pull Station (Standard) | 90.91 | 10.45 |
| 21 24 16 00-0024 | EA | Manual Pull Station, Adapter Kit (Recess Standard Pull Station) | 42.64 | 4.87 |
| 21 24 16 00-0025 | EA | Manual Pull Station (Oversized) | 101.37 | 11.61 |
| 21 24 16 00-0026 | EA | Conduit Offset | 20.23 | 2.33 |
| 21 24 16 00-0027 | EA | 3/8" Pipe Thread, Seal (Quick-Seal) | 27.87 | 3.25 |
| 21 24 16 00-0028 | EA | 1/2" Pipe Thread, Seal (Quick-Seal | 22.73 | 2.67 |
| 21 24 16 00-0029 | EA | 3/8" Pipe Compression Seal | 37.95 | 4.41 |
| 21 24 16 00-0030 | EA | 1/2" Pipe Compression Seal | 37.95 | 4.41 |
| 21 24 16 00-0031 | EA | Cap, Nozzle Blow-Off (Standard) | 10.39 | 3.02 |
| 21 24 16 00-0032 | EA | Cap, Nozzle Blow-Off (High Temperature) | 25.26 | 3.02 |
| 21 24 16 00-0033 | EA | 2 Flow Points, Fryer/Griddle Nozzle | 45.45 | 5.23 |
| 21 24 16 00-0034 | EA | 1 Flow Point Each, Appliance, Plenum Nozzle | 45.45 | 5.23 |
| 21 24 16 00-0035 | EA | Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each | 45.45 | 5.23 |
| 21 24 16 00-0036 | EA | 1/2 Flow Points Each, Upright Charbroiler Nozzle | 45.45 | 5.23 |
| 21 24 16 00-0037 | EA | 2 Flow Points Each, Duct (Only) Nozzle | 45.45 | 5.23 |
| 21 24 16 00-0038 | EA | 2 Flow Points Each, Four Burner Range Nozzle | 65.36 | 7.55 |
| 21 24 16 00-0039 | EA | 3/4" Or 1" Mechanical Gas Valve | 364.29 | 30.77 |
| 21 24 16 00-0040 | EA | 1-1/4" Or 1-1/2" Mechanical Gas Valve | 427.16 | 44.70 |
| 21 24 16 00-0041 | EA | 2" Mechanical Gas Valve | 532.67 | 52.83 |
| 21 24 16 00-0042 | EA | Manual Reset Relay (Required With Every Electric Gas Valve) | 572.75 | 65.84 |
| 21 24 16 00-0043 | EA | SPDT Microswitch With 18" Leads | 30.15 | 3.48 |
| 21 24 16 00-0044 | EA | Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve | 48.64 | 5.58 |
| 21 24 16 00-0045 | EA | Gas Valve Trip Assembly | 102.28 | 11.73 |

#### 21 24 16 00-0046 Range Guard Fire Suppression Systems *(21 24 16)*

Note: Range Guard or equal.

| | | | | |
|---|---|---|---|---|
| 21 24 16 00-0047 | EA | 1-1/4 Gallon Charged Cylinder With Valve | 690.37 | 89.71 |
| 21 24 16 00-0048 | EA | 2-1/2 Gallon Charged Cylinder With Valve | 861.78 | 111.95 |
| 21 24 16 00-0049 | EA | 4 Gallon Charged Cylinder With Valve | 1,063.91 | 138.26 |
| 21 24 16 00-0050 | EA | 6 Gallon Charged Cylinder With Valve | 1,263.70 | 164.13 |
| 21 24 16 00-0051 | EA | Vent Plug | 29.00 | 3.75 |
| 21 24 16 00-0052 | EA | Discharge Adapter Kit | 37.35 | |
| 21 24 16 00-0053 | EA | 1-1/4 Gallon Wall Bracket | 76.85 | 9.94 |
| 21 24 16 00-0054 | EA | 2-1/2 Gallon Wall Bracket | 81.33 | 10.59 |
| 21 24 16 00-0055 | EA | 4 Gallon Wall Bracket | 153.58 | 20.00 |
| 21 24 16 00-0056 | EA | 6 Gallon Wall Bracket | 170.22 | 22.13 |
| 21 24 16 00-0057 | EA | Mechanical Control Head, No Microswitch | 600.52 | 78.06 |
| 21 24 16 00-0058 | EA | Mechanical Control Head, 1 Microswitch | 626.53 | 81.37 |
| 21 24 16 00-0059 | EA | Mechanical Control Head, 2 Microswitches | 718.73 | 93.34 |
| 21 24 16 00-0060 | EA | Tandem Control Head | 546.15 | 71.00 |
| 21 24 16 00-0061 | EA | Electric Control Head, 120 Volt AC / 24 Volt DC | 924.42 | 120.08 |
| 21 24 16 00-0062 | EA | Mechanical Control Box | 411.38 | 53.46 |
| 21 24 16 00-0063 | EA | Tandem Control Box | 411.38 | 53.46 |
| 21 24 16 00-0064 | EA | Mechanical Control Box Adapter | 120.58 | 15.71 |
| 21 24 16 00-0065 | EA | A+ Control head With 1 Pressure Operated Actuator | 362.36 | 47.04 |
| 21 24 16 00-0066 | EA | Pressure Operated Actuator | 148.95 | 19.35 |
| 21 24 16 00-0067 | EA | BMCS-1 Nitrogen Cylinder | 241.16 | 31.33 |
| 21 24 16 00-0068 | EA | BMCS-1 Actuator Assembly | 245.89 | 31.97 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 24 16 00-0069 | EA | BMCS-1 Mounting Bracket | 60.28 | 7.81 |
| 21 24 16 00-0070 | EA | BMCS-7 Nitrogen Cylinder | 695.84 | 90.35 |
| 21 24 16 00-0071 | EA | BMCS-7 Mounting Bracket | 148.95 | 19.35 |
| 21 24 16 00-0072 | EA | BMCS-7 Discharge Adapter Kit | 148.95 | 19.35 |
| 21 24 16 00-0073 | EA | Check Valve | 123.74 | 22.99 |
| 21 24 16 00-0074 | EA | Vent Check For Use With BMCS Systems | 67.39 | 8.76 |
| 21 24 16 00-0075 | EA | Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator | 29.32 | 3.81 |
| 21 24 16 00-0076 | EA | Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly | 7.71 | |
| 21 24 16 00-0077 | EA | Pneumatic Control Head For Slave Cylinders | 153.67 | 20.00 |
| 21 24 16 00-0078 | EA | Nozzles; ADP, F, R And GRW | 70.45 | 9.20 |
| 21 24 16 00-0079 | EA | Nozzles; DM And LPF | 78.49 | 10.15 |
| 21 24 16 00-0080 | EA | Swivel Adapter | 49.64 | 6.42 |
| 21 24 16 00-0081 | EA | Corner Pulley | 21.28 | 2.78 |
| 21 24 16 00-0082 | LF | 1/16" Stainless Steel Cable | 0.91 | 0.32 |
| 21 24 16 00-0083 | EA | Cable Crimp Sleeve | 1.11 | 0.32 |
| 21 24 16 00-0084 | EA | "S" Hook | 0.87 | 0.21 |
| 21 24 16 00-0085 | EA | Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT | 73.27 | 9.52 |
| 21 24 16 00-0086 | EA | Cable Clamp | 6.53 | 0.86 |
| 21 24 16 00-0087 | EA | Nico Sleeves - 1/16" Cable | 0.89 | 0.21 |
| 21 24 16 00-0088 | EA | 3/8" Cable Anchor | 77.42 | 10.05 |
| 21 24 16 00-0089 | EA | 1/2" Cable Anchor | 77.42 | 10.05 |
| 21 24 16 00-0090 | EA | Mechanical Remote Manual Release (Pull Cable) | 125.25 | 16.25 |
| 21 24 16 00-0091 | EA | Tee Pulley, Use For Mechanical Pull And Gas Valve | 133.66 | 17.33 |
| 21 24 16 00-0092 | EA | Surface Remote Manual Release, End-of-line | 156.59 | 20.32 |
| 21 24 16 00-0093 | EA | Surface Remote Manual Release, In line Conservation Kit | 49.06 | 6.42 |
| 21 24 16 00-0094 | EA | Surface Remote Manual Release, In line And End Of Line | 205.59 | 26.62 |
| 21 24 16 00-0095 | EA | Recessed Remote Manual Release, End-of-line | 156.59 | 20.32 |
| 21 24 16 00-0096 | EA | Recessed Remote Manual Release, In Line Kit | 186.68 | 24.27 |
| 21 24 16 00-0097 | EA | Pulley Tee, Remote In Line Only | 33.55 | 4.38 |
| 21 24 16 00-0098 | EA | Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve | 37.25 | 4.82 |
| 21 24 16 00-0099 | EA | Fusible Link 165F To 360F | 12.19 | 1.60 |
| 21 24 16 00-0100 | EA | Fusible Link 500F | 19.46 | 1.60 |
| 21 24 16 00-0101 | EA | Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves | 37.25 | 4.82 |
| 21 24 16 00-0102 | EA | Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve | 27.19 | 4.82 |
| 21 24 16 00-0103 | EA | Quartzoid Link 400 F | 200.86 | 26.09 |
| 21 24 16 00-0104 | EA | Quartzoid Link 500 F | 200.86 | 26.09 |
| 21 24 16 00-0105 | EA | SPDT Micro Switch For Use With A Plus Control Box | 71.99 | 9.30 |
| 21 24 16 00-0106 | EA | DPDT Micro Switch For Use With A Plus Control Box | 125.25 | 16.25 |
| 21 24 16 00-0107 | EA | SPDT Micro Switch For Use With A Mechanical Control Box | 74.43 | 9.62 |
| 21 24 16 00-0108 | EA | DPDT Micro Switch For Use With A Mechanical Control Box | 129.00 | 16.78 |
| 21 24 16 00-0109 | EA | SPDT Micro Switch For Use With PRCB | 94.52 | 12.30 |
| 21 24 16 00-0110 | EA | DPDT Micro Switch For Use With PRCB | 136.36 | 17.64 |
| 21 24 16 00-0111 | EA | Pressure Switch, SPDT (Fire Dept. Tie In) | 399.37 | 51.86 |
| 21 24 16 00-0112 | EA | Circuit Monitor 12 Or 24 Volt DC | 179.60 | 23.31 |
| 21 24 16 00-0113 | EA | Circuit Monitor 120 Volt AC | 179.60 | 23.31 |
| 21 24 16 00-0114 | EA | Electric Manual Pull Station | 131.15 | 17.00 |
| 21 24 16 00-0115 | EA | 6", 24 Volt DC, Motor Bell | 73.26 | 9.52 |
| 21 24 16 00-0116 | EA | 10", 115 Volt AC Motor Bell | 103.98 | 13.47 |
| 21 24 16 00-0117 | EA | Fuse, 1.2 For ECH | 8.42 | 1.07 |
| 21 24 16 00-0118 | EA | Indicator Lamp 12 Or 24 Volt DC | 37.25 | 4.82 |
| 21 24 16 00-0119 | EA | Indicator Lamp 120 Volt AC | 37.25 | 4.82 |
| 21 24 16 00-0120 | EA | B-10 Manual Station Dual Action, SPDT | 137.06 | 17.75 |
| 21 24 16 00-0121 | EA | B-11 Manual Station Dual Action, DPDT | 151.24 | 19.67 |
| 21 24 16 00-0122 | EA | Break Rods For B10/B11 Manual Pull Station | 3.84 | 1.39 |
| 21 24 16 00-0123 | EA | Spare Key For B10/B11 Manual Stations | 18.91 | 2.46 |
| 21 24 16 00-0124 | EA | MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill | 203.22 | 26.41 |
| 21 24 16 00-0125 | EA | Suppression Abort Station | 215.05 | 27.90 |
| 21 24 16 00-0126 | EA | Suppression Abort Station With Surface Mount Back Box | 250.48 | 32.51 |
| 21 24 16 00-0127 | EA | Surface Mount Back Box | 82.71 | 10.69 |
| 21 24 16 00-0128 | EA | Single Hazard Control Unit, 120 Volt AC IP | 1,536.00 | 199.20 |
| 21 24 16 00-0129 | EA | Single Hazard Control Unit, 240 Volt AC IP | 1,536.00 | 199.20 |
| 21 24 16 00-0130 | EA | 1 Lead Acid Battery; 24 Volt DC, 1.2 A.H. | 127.60 | 16.57 |
| 21 24 16 00-0131 | EA | Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W) | 4.89 | 0.75 |
| 21 24 16 00-0132 | EA | Spare Scorpio Circuit Board | 1,110.58 | |
| 21 24 16 00-0133 | EA | Extra Scorpio Key | 18.91 | |
| 21 24 16 00-0134 | EA | Extra Scorpio Manual | 11.81 | |
| 21 24 16 00-0135 | EA | Compression Seal Adapter 3/8" Pipe | 32.14 | 4.17 |
| 21 24 16 00-0136 | EA | Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe | 34.89 | 4.49 |
| 21 24 16 00-0137 | EA | Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe | 41.97 | 5.45 |
| 21 24 16 00-0138 | EA | Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe | 44.89 | 5.77 |
| 21 24 16 00-0139 | EA | Quik Seal Adapter 3/8" NPT Female | 34.89 | 4.49 |
| 21 24 16 00-0140 | EA | Quik Seal Adapter 1/2" NPT Female | 34.89 | 4.49 |
| 21 24 16 00-0141 | EA | Quik Seal Adapter 3/4" NPT Female | 59.69 | 7.81 |
| 21 24 16 00-0142 | EA | Quik Seal Adapter 1" NPT Female | 79.15 | 10.26 |
| 21 24 16 00-0143 | EA | Quik Patch (Up To 1-1/8" Diameter) | 34.89 | 4.49 |
| 21 24 16 00-0144 | EA | 1-1/4 Gallon Karbaloy Charge | 77.66 | |
| 21 24 16 00-0145 | EA | 2-1/2 Gallon Karbaloy Charge | 133.51 | |
| 21 24 16 00-0146 | EA | 4 Gallon Karbaloy Charge | 201.79 | |
| 21 24 16 00-0147 | EA | 6 Gallon Karbaloy Charge | 295.28 | |
| 21 24 16 00-0148 | EA | Inlet Flushing Adapter | 57.90 | 7.48 |
| 21 24 16 00-0149 | EA | 1/2" Flushing Adapter (Outlet) | 57.90 | 7.48 |
| 21 24 16 00-0150 | EA | 1/8" Flushing Adapter (Outlet) | 57.90 | 7.48 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 21 24 16 00-0151 | EA | 1/4" Flushing Adapter (Outlet) | 57.90 | 7.48 |
| 21 24 16 00-0152 | EA | 3/8" Flushing Adapter (Outlet) | 57.90 | 7.48 |
| 21 24 16 00-0153 | EA | Recharge Adapter (Old Style Cylinder Valve Assembly Only) | 80.34 | |
| 21 24 16 00-0154 | EA | Instruction Label (In Case Of Fire) - MCB | 6.40 | |
| 21 24 16 00-0155 | EA | Caution Sign (Turn On Fan) | 7.71 | |
| 21 24 16 00-0156 | EA | Inspection Label (Authorized installers only) | 5.34 | |
| 21 24 16 00-0157 | EA | Label, Warning, A+ Control Box | 3.77 | |
| 21 24 16 00-0158 | EA | Wet Chemical System Kits, RG-1.25G Kit; #23315 | 1,016.07 | 131.84 |
| 21 24 16 00-0159 | EA | Wet Chemical System Kits, RG-2.5G Kit; #23316 | 1,186.22 | 153.86 |
| 21 24 16 00-0160 | EA | Wet Chemical System Kits, RG-4GS Kit; #23317 | 1,476.89 | 191.61 |
| 21 24 16 00-0161 | EA | Wet Chemical System Kits, RG-4GT Kit; #23318 | 1,476.89 | 191.61 |
| 21 24 16 00-0162 | EA | Wet Chemical System Kits, RG-6G Kit; #23319 | 1,857.32 | 240.90 |
| 21 24 16 00-0163 | EA | Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320 | 880.22 | 114.19 |
| 21 24 16 00-0164 | EA | Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321 | 827.04 | 107.24 |
| 21 24 16 00-0165 | EA | Wet Chemical System Kits, A Plus Control Box Kit; #23322 | 668.72 | 86.71 |
| 21 24 16 00-0166 | EA | Wet Chemical System Kits, Valve Rebuild Kit; #23210 | 1,157.85 | 150.23 |
| 21 24 16 00-0167 | EA | Wet Chemical System Kits, BMCS-1 Package; #23208 | 1,060.96 | 137.61 |

## 21 30 Fire Pumps *(21)*

### 21 31 Centrifugal Fire Pumps *(21 30)*

#### 21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

##### 21 31 13 00-0001 Electric-Drive Fire Pumps *(21 31 13)*

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

| | | | | |
|---|---|---|---|---|
| 21 31 13 00-0002 | EA | 20 HP Electric Fire Pump | 52,859.03 | 2,048.62 |
| | | *For Duplex Pumping System, Add* | *50,810.41* | |
| 21 31 13 00-0003 | EA | 30 HP Electric Fire Pump | 61,662.22 | 2,304.69 |
| | | *For Duplex Pumping System, Add* | *59,528.24* | |
| 21 31 13 00-0004 | EA | 40 HP Electric Fire Pump | 84,067.57 | 2,560.77 |
| | | *For Duplex Pumping System, Add* | *81,696.49* | |
| 21 31 13 00-0005 | EA | 50 HP Electric Fire Pump | 103,760.38 | 2,885.10 |
| | | *For Duplex Pumping System, Add* | *100,875.29* | |
| 21 31 13 00-0006 | EA | 75 HP Electric Fire Pump | 115,833.80 | 3,147.37 |
| | | *For Duplex Pumping System, Add* | *112,686.42* | |

#### 21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

##### 21 31 16 00-0001 Diesel-Drive Fire Pumps *(21 31 16)*

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.

| | | | | |
|---|---|---|---|---|
| 21 31 16 00-0002 | EA | 30 HP Diesel Driven Fire Pump, NFPA-20 Specific | 77,881.29 | 2,360.53 |
| 21 31 16 00-0003 | EA | 40 HP Diesel Driven Fire Pump, NFPA-20 Specific | 88,104.97 | 2,622.81 |
| 21 31 16 00-0004 | EA | 50 HP Diesel Driven Fire Pump, NFPA-20 Specific | 92,562.13 | 2,885.10 |
| 21 31 16 00-0005 | EA | 75 HP Diesel Driven Fire Pump, NFPA-20 Specific | 105,345.46 | 3,147.37 |
| 21 31 16 00-0006 | EA | 150 HP Diesel Driven Fire Pump, NFPA-20 Specific | 111,788.51 | 3,671.94 |
| 21 31 16 00-0007 | EA | 175 HP Diesel Driven Fire Pump, NFPA-20 Specific | 120,261.23 | 4,721.07 |
| 21 31 16 00-0008 | EA | 200 HP Diesel Driven Fire Pump, NFPA-20 Specific | 130,528.94 | 5,245.63 |
| 21 31 16 00-0009 | EA | 250 HP Diesel Driven Fire Pump, NFPA-20 Specific | 149,258.15 | 5,980.01 |
| 21 31 16 00-0010 | EA | 300 HP Diesel Driven Fire Pump, NFPA-20 Specific | 178,838.82 | 6,452.12 |
| 21 31 16 00-0011 | EA | 350 HP Diesel Driven Fire Pump , NFPA-20 Specific | 209,846.84 | 7,343.88 |
| 21 31 16 00-0012 | EA | 400 HP Diesel Driven Fire Pump , NFPA-20 Specific | 249,143.49 | 7,868.44 |
| 21 31 16 00-0013 | EA | 500 HP Diesel Driven Fire Pump , NFPA-20 Specific | 280,594.31 | 8,393.01 |

### 21 34 Fire Pump Accessories *(21 30)*

#### 21 34 13 Pressure Maintenance Pumps *(21 34)*

##### 21 34 13 00-0001 Jockey Pumps *(21 34 13)*

Note: Includes pump and controller.

| | | | | |
|---|---|---|---|---|
| 21 34 13 00-0002 | EA | Up To 3 HP, 1" Pipe Connection, Jockey Pump And Controller | 5,467.25 | 524.56 |

**END OF SECTION 21**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

## 22 01 Operation and Maintenance of Plumbing *(22)*

### 22 01 10 Operation and Maintenance of Plumbing Piping and Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

#### 22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

##### 22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

| | | | |
|---|---|---|---|
| 22 01 10 61-0002 | EA | 1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 40.96 |
| 22 01 10 61-0003 | EA | 3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 42.72 |
| 22 01 10 61-0004 | EA | 1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 46.98 |
| 22 01 10 61-0005 | EA | 1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 50.17 |
| 22 01 10 61-0006 | EA | 1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 54.40 |
| 22 01 10 61-0007 | EA | 2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 69.44 |
| 22 01 10 61-0008 | EA | 2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 88.68 |
| 22 01 10 61-0009 | EA | 3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 103.25 |
| 22 01 10 61-0010 | EA | 4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt<br>Note: Includes neoprene gasket | 118.41 |
| 22 01 10 61-0011 | EA | 1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 64.47 |
| 22 01 10 61-0012 | EA | 3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 68.05 |
| 22 01 10 61-0013 | EA | 1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 75.33 |
| 22 01 10 61-0014 | EA | 1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 82.80 |
| 22 01 10 61-0015 | EA | 1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 91.34 |
| 22 01 10 61-0016 | EA | 2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 118.03 |
| 22 01 10 61-0017 | EA | 2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 143.86 |
| 22 01 10 61-0018 | EA | 3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 164.26 |
| 22 01 10 61-0019 | EA | 4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt<br>Note: Includes neoprene gasket | 186.44 |
| 22 01 10 61-0020 | EA | 1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 91.43 |
| 22 01 10 61-0021 | EA | 3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 95.27 |
| 22 01 10 61-0022 | EA | 1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 105.28 |
| 22 01 10 61-0023 | EA | 1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 115.48 |
| 22 01 10 61-0024 | EA | 1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 130.41 |
| 22 01 10 61-0025 | EA | 2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 159.70 |
| 22 01 10 61-0026 | EA | 2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 188.49 |
| 22 01 10 61-0027 | EA | 3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 227.33 |
| 22 01 10 61-0028 | EA | 4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 279.64 |
| 22 01 10 61-0029 | EA | 5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 287.04 |
| 22 01 10 61-0030 | EA | 6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt<br>Note: Includes Buna rubber gasket | 307.56 |

### 22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

#### 22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

##### 22 01 40 81-0001 Removal And Replacement Of Fixture And/Or Trim *(22 01 40 81)*

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

| | | | |
|---|---|---|---|
| 22 01 40 81-0002 | EA | Removal And Replacement Of 3/8" To 1/2" Compression Shut-off Valve With 15" Polybutylene Supply Tube | 59.95 |
| 22 01 40 81-0003 | EA | Removal And Replacement Of 3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory | 19.71 |
| 22 01 40 81-0004 | EA | Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair | 29.06 |
| 22 01 40 81-0005 | EA | Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line | 40.68 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 01 40 81-0006 | EA | Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line | 63.14 | |
| 22 01 40 81-0007 | EA | Removal And Replacement Of Shower Head, Polished Chrome | 40.54 | |
| 22 01 40 81-0008 | EA | Removal And Replacement Of Shower Arm | 39.72 | |
| 22 01 40 81-0009 | EA | Removal And Replacement Of Shower Head | 46.29 | |
| 22 01 40 81-0010 | EA | Removal And Replacement Of Shower Knob | 37.04 | |
| 22 01 40 81-0011 | EA | Removal And Replacement Of Shower and Tub Control Trim<br>Note: Excludes balancing valve. | 109.62 | |
| 22 01 40 81-0012 | EA | Removal And Replacement Of Sink Basket Strainer | 29.43 | |
| 22 01 40 81-0013 | EA | Removal And Replacement Of 1-1/2" Sink Drain Without Stopper | 16.02 | |
| 22 01 40 81-0014 | EA | Removal And Replacement Of 4-1/2" Sink Drain Without Stopper | 16.80 | |
| 22 01 40 81-0015 | EA | Removal And Replacement Of 1-1/2" Sink Drain With Stopper | 16.02 | |
| 22 01 40 81-0016 | EA | Removal And Replacement Of 1" Sink Rubber Stopper | 9.01 | |
| 22 01 40 81-0017 | EA | Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" x 8" | 26.50 | |
| 22 01 40 81-0018 | EA | Removal And Replacement Of Sink Trap, Adjustable, 1-1/2" | 43.45 | |
| 22 01 40 81-0019 | EA | Removal And Replacement Of Lavatory Pop-Up Rod | 29.78 | |
| 22 01 40 81-0020 | EA | Removal And Replacement Of Lavatory Pop-up Drain Stopper | 31.09 | |
| 22 01 40 81-0021 | EA | Removal And Replacement Of Faucet Handle | 34.75 | |
| 22 01 40 81-0022 | EA | Removal And Replacement Of Faucet O-Ring | 26.68 | |
| 22 01 40 81-0023 | EA | Removal And Replacement Of 1-1/2" Faucet Hole Cover | 19.52 | |
| 22 01 40 81-0024 | EA | Removal And Replacement Of Toilet Ballcock | 38.23 | |
| 22 01 40 81-0025 | EA | Removal And Replacement Of Toilet Bowl Ring, Flat Wax<br>Note: Excludes removal of toilet. | 7.31 | |
| 22 01 40 81-0026 | EA | Removal And Replacement Of Toilet Tank | 151.12 | |
| 22 01 40 81-0027 | EA | Removal And Replacement Of 10" Toilet Bowl | 190.65 | |
| 22 01 40 81-0028 | EA | Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl | 204.68 | |
| 22 01 40 81-0029 | EA | Removal And Replacement Of 12" Toilet Bowl | 218.22 | |
| 22 01 40 81-0030 | EA | Removal And Replacement Of 18", Elongated, Toilet Bowl | 195.37 | |
| 22 01 40 81-0031 | EA | Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers | 23.79 | |
| 22 01 40 81-0032 | EA | Removal And Replacement Of Toilet Flapper With Chain | 17.50 | |
| 22 01 40 81-0033 | EA | Removal And Replacement Of Toilet Flush Tank Lever | 18.91 | |
| 22 01 40 81-0034 | EA | Removal And Replacement Of Elongated Toilet Seat With Lid | 98.80 | |
| 22 01 40 81-0035 | EA | Removal And Replacement Of Elongated Toilet Seat Without Lid | 97.42 | |
| 22 01 40 81-0036 | EA | Removal And Replacement Of Handicap Toilet Seat, Complete With Rails | 145.19 | |
| 22 01 40 81-0037 | EA | Removal And Replacement Of Diverter Tub Spout | 57.25 | |
| 22 01 40 81-0038 | EA | Removal And Replacement Of Tub Spout | 40.92 | |
| 22 01 40 81-0039 | EA | Removal And Replacement Of 2" Tub Stopper | 10.76 | |
| 22 01 40 81-0040 | EA | Removal And Replacement Of Tub Waste/Overflow | 73.92 | |
| 22 01 40 81-0041 | EA | Removal And Replacement Of Tub Stem Bonnet Assembly | 38.18 | |
| 22 01 40 81-0042 | EA | Removal And Replacement Of Faucet Bonnet | 42.00 | |
| 22 01 40 81-0043 | EA | Removal And Replacement Of Faucet Diverter Stem | 26.40 | |
| 22 01 40 81-0044 | EA | Removal And Replacement Of Faucet Diverter Stem And Bonnet | 34.98 | |
| 22 01 40 81-0045 | EA | Removal And Replacement Of Faucet Spout | 39.60 | |
| 22 01 40 81-0046 | EA | Removal And Replacement Of Faucet Stem | 29.17 | |
| 22 01 40 81-0047 | EA | Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard | 199.31 | |
| 22 01 40 81-0048 | EA | Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve | 249.33 | |
| 22 01 40 81-0049 | EA | Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve | 153.33 | |

## 22 05 Common Work Results for Plumbing *(22)*

### 22 05 13 Common Motor Requirements for Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

### 22 05 16 Expansion Fittings and Loops for Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

### 22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

### 22 05 19 Meters and Gages for Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

### 22 05 23 General-Duty Valves for Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for valves.

#### 22 05 23 00-0001 Earthquake-Sensitive Gas Shut-Off Valve *(22 05 23)*

#### 22 05 23 00-0002 0.5 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 05 23 00-0003 | EA | 3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve | 164.84 | 12.78 |
| 22 05 23 00-0004 | EA | 1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve | 187.02 | 14.52 |

#### 22 05 23 00-0005 7 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 05 23 00-0006 | EA | 1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve | 219.05 | 15.45 |
| 22 05 23 00-0007 | EA | 1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve | 293.91 | 17.88 |

#### 22 05 23 00-0008 60 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 05 23 00-0009 | EA | 3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve | 202.61 | 12.78 |
| 22 05 23 00-0010 | EA | 1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve | 213.25 | 14.52 |
| 22 05 23 00-0011 | EA | 1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve | 240.04 | 15.45 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 05 23 00-0012 | EA | 1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve | 325.39 | 17.88 |
| 22 05 23 00-0013 | EA | 2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve | 735.08 | 21.13 |
| 22 05 23 00-0014 | EA | 2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve | 876.51 | 28.44 |
| 22 05 23 00-0015 | EA | 3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve | 1,135.01 | 33.14 |
| 22 05 23 00-0016 | EA | 4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve | 1,315.02 | 37.42 |

### 22 05 23 00-0017 60 PSI Flanged Earthquake Gas Shutoff Valves *(22 05 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 05 23 00-0018 | EA | 2" Flanged, 60 PSI Earthquake Gas Shutoff Valve | 1,032.88 | 154.79 |
| 22 05 23 00-0019 | EA | 3" Flanged, 60 PSI Earthquake Gas Shutoff Valve | 1,271.45 | 181.78 |
| 22 05 23 00-0020 | EA | 4" Flanged, 60 PSI Earthquake Gas Shutoff Valve | 1,798.30 | 304.73 |
| 22 05 23 00-0021 | EA | 6" Flanged, 60 PSI Earthquake Gas Shutoff Valve | 2,899.80 | 346.10 |
| 22 05 23 00-0022 | EA | 8" Flanged, 60 PSI Earthquake Gas Shutoff Valve | 7,788.84 | 442.24 |

### 22 05 23 00-0023 Emergency Shut-Off Valve With Fusible Link *(22 05 23)*

### 22 05 23 00-0024 Threaded, Fusible Brass Gate Valves (Morrison Bros. 939) *(22 05 23 00-0023)*

Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165º F.

| | | | | |
|---|---|---|---|---|
| 22 05 23 00-0025 | EA | 1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series) | 71.26 | 18.70 |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| 22 05 23 00-0026 | EA | 3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series) | 73.08 | 19.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 05 23 00-0027 | EA | 1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series) | 114.52 | 18.70 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 22 05 23 00-0028 | EA | 3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series) | 221.59 | 25.19 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 22 05 23 00-0029 | EA | 1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series) | 546.23 | 30.54 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |

### 22 05 23 00-0030 Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(22 05 23 00-0023)*

Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.

| | | | | |
|---|---|---|---|---|
| 22 05 23 00-0031 | EA | 1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) | 424.40 | 17.88 |
| 22 05 23 00-0032 | EA | 2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) | 459.54 | 21.13 |
| 22 05 23 00-0033 | EA | 3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) | 769.49 | 33.14 |

### 22 05 23 00-0034 Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(22 05 23 00-0023)*

Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.

| | | | | |
|---|---|---|---|---|
| 22 05 23 00-0035 | EA | 2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) | 627.52 | 154.79 |
| 22 05 23 00-0036 | EA | 3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) | 1,005.30 | 181.78 |
| 22 05 23 00-0037 | EA | 4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) | 2,272.95 | 304.73 |

## 22 05 29 Hangers and Supports for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

## 22 05 33 Heat Tracing for Plumbing Piping *(22 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

## 22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment *(22 05)*

### 22 05 48 13 Vibration Controls for Plumbing Piping and Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

## 22 05 53 Identification for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

## 22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

### 22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover *(22 05 76)*

Note: For floor installation.

### 22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 05 76 00-0003 | EA | 2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 634.36 | 61.77 |
| 22 05 76 00-0004 | EA | 3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 686.88 | 77.45 |
| 22 05 76 00-0005 | EA | 4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 857.28 | 93.59 |
| 22 05 76 00-0006 | EA | 5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 1,226.51 | 104.73 |
| 22 05 76 00-0007 | EA | 6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 1,507.70 | 113.44 |

### 22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 05 76 00-0009 | EA | 2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 729.86 | 61.77 |
| 22 05 76 00-0010 | EA | 3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 783.81 | 77.33 |
| 22 05 76 00-0011 | EA | 4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 954.30 | 93.59 |
| 22 05 76 00-0012 | EA | 5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 1,323.58 | 104.73 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 05 76 00-0013 | EA | 6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover | 1,604.69 | 113.44 |
| 22 05 76 00-0014 | | **Wall Cover For Cleanout** *(22 05 76)* Note: Cover and screw only. | | |
| 22 05 76 00-0015 | | **Round Access Cover, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only. | | |
| 22 05 76 00-0016 | EA | 4-1/4" Diameter Wall Cover For Cleanout, Screwed | 96.30 | 19.39 |
| 22 05 76 00-0017 | EA | 5-1/2" Diameter Wall Cover For Cleanout, Screwed | 104.05 | 23.22 |
| 22 05 76 00-0018 | EA | 7" Diameter Wall Cover For Cleanout, Screwed | 132.60 | 26.13 |
| 22 05 76 00-0019 | EA | 9-1/4" Diameter Wall Cover For Cleanout, Screwed | 223.29 | 29.03 |
| 22 05 76 00-0020 | EA | 11-1/4" Diameter Wall Cover For Cleanout, Screwed | 335.21 | 31.93 |
| 22 05 76 00-0021 | | **Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only. | | |
| 22 05 76 00-0022 | EA | 7" x 7" Bronze Wall Or Floor Access Cover | 513.58 | 19.39 |
| 22 05 76 00-0023 | EA | 9" x 9" Bronze Wall Or Floor Access Cover | 739.76 | 20.32 |
| 22 05 76 00-0024 | EA | 10" x 10" Bronze Wall Or Floor Access Cover | 790.45 | 21.48 |
| 22 05 76 00-0025 | EA | 14" x 14" Bronze Wall Or Floor Access Cover | 884.20 | 24.39 |
| 22 05 76 00-0026 | | **Secured Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only. | | |
| 22 05 76 00-0027 | EA | 6" x 6" Bronze Secured Wall Access Panel | 522.92 | 19.39 |
| 22 05 76 00-0028 | EA | 8" x 8" Bronze Secured Wall Access Panel | 753.52 | 20.32 |
| 22 05 76 00-0029 | EA | 10" x 10" Bronze Secured Wall Access Panel | 805.16 | 21.48 |
| 22 05 76 00-0030 | EA | 12" x 12" Bronze Secured Wall Access Panel | 900.63 | 24.39 |
| 22 05 76 00-0031 | | **Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated** *(22 05 76 00-0014)* Note: Cover and screw only. | | |
| 22 05 76 00-0032 | EA | 6" x 6" Bronze Secured Hinged Access Panel, Scoriated | 507.23 | 19.39 |
| 22 05 76 00-0033 | EA | 8" x 8" Bronze Secured Hinged Access Panel, Scoriated | 701.96 | 20.32 |
| 22 05 76 00-0034 | EA | 10" x 10" Bronze Secured Hinged Access Panel, Scoriated | 995.70 | 21.48 |
| 22 05 76 00-0035 | EA | 12" x 12" Bronze Secured Hinged Access Panel, Scoriated | 1,205.51 | 24.39 |
| 22 05 76 00-0036 | | **Cast Iron Cleanout Tee** *(22 05 76)* | | |
| 22 05 76 00-0037 | | **Cast Iron Cleanout Tee And Round Access Cover** *(22 05 76 00-0036)* Note: Satin smooth secured cover. | | |
| 22 05 76 00-0038 | EA | 2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover | 462.64 | 61.77 |
| 22 05 76 00-0039 | EA | 3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover | 529.22 | 77.33 |
| 22 05 76 00-0040 | EA | 4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover | 690.34 | 93.59 |
| 22 05 76 00-0041 | EA | 6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover | 1,639.54 | 113.44 |
| 22 05 76 00-0042 | | **Cast Iron Cleanout Tee And Square Access Cover** *(22 05 76 00-0036)* Note: Satin smooth secured cover. | | |
| 22 05 76 00-0043 | EA | 2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover | 801.77 | 61.77 |
| 22 05 76 00-0044 | EA | 3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover | 868.35 | 77.33 |
| 22 05 76 00-0045 | EA | 4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover | 1,006.96 | 93.59 |
| 22 05 76 00-0046 | EA | 6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover | 2,097.59 | 113.44 |
| 22 05 76 00-0047 | | **Cast Iron Cleanout Tee With Brass Plug** *(22 05 76 00-0036)* | | |
| 22 05 76 00-0048 | EA | 2" Cleanout Tee With Cast Bronze Screw Plug | 379.14 | 50.51 |
| 22 05 76 00-0049 | EA | 3" Cleanout Tee With Cast Bronze Screw Plug | 423.80 | 55.16 |
| 22 05 76 00-0050 | EA | 4" Cleanout Tee With Cast Bronze Screw Plug | 564.73 | 72.58 |
| 22 05 76 00-0051 | EA | 5" Cleanout Tee With Cast Bronze Screw Plug | 847.06 | 85.93 |
| 22 05 76 00-0052 | EA | 6" Cleanout Tee With Cast Bronze Screw Plug | 1,441.08 | 101.60 |
| 22 05 76 00-0053 | | **Removable Cleanout Plug** *(22 05 76)* | | |
| 22 05 76 00-0054 | | **Threaded Bronze Plugs** *(22 05 76 00-0053)* | | |
| 22 05 76 00-0055 | EA | 1-1/4", 1-1/2" Or 2" Threaded Bronze Plug | 78.10 | 14.52 |
| 22 05 76 00-0056 | EA | 2-1/2" Threaded Bronze Plug | 93.78 | 15.79 |
| 22 05 76 00-0057 | EA | 3" Threaded Bronze Plug | 161.76 | 17.42 |
| 22 05 76 00-0058 | EA | 3-1/2" Threaded Bronze Plug | 180.94 | 20.32 |
| 22 05 76 00-0059 | EA | 4" Threaded Bronze Plug | 204.55 | 23.22 |
| 22 05 76 00-0060 | EA | 5" Threaded Bronze Plug | 288.27 | 26.13 |
| 22 05 76 00-0061 | EA | 6" Threaded Bronze Plug | 425.39 | 29.03 |
| 22 05 76 00-0062 | EA | 8" Threaded Bronze Plug | 720.45 | 31.93 |
| 22 05 76 00-0063 | EA | 10" Threaded Bronze Plug | 1,037.85 | 34.84 |
| 22 05 76 00-0064 | | **Threaded Brass Plugs** *(22 05 76 00-0053)* | | |
| 22 05 76 00-0065 | EA | 1-1/2" Threaded Brass Plug, Raised Head | 32.09 | 14.51 |
| 22 05 76 00-0066 | EA | 2" Threaded Brass Plug, Raised Head | 32.62 | 14.51 |
| 22 05 76 00-0067 | EA | 2-1/2" Threaded Brass Plug, Raised Head | 35.55 | 15.79 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 05 76 00-0068 | EA | 3" Threaded Brass Plug, Raised Head | 40.20 | 17.42 |
| 22 05 76 00-0069 | EA | 3-1/2" Threaded Brass Plug, Raised Head | 47.44 | 20.32 |
| 22 05 76 00-0070 | EA | 4" Threaded Brass Plug, Raised Head | 55.65 | 23.22 |
| 22 05 76 00-0071 | EA | 4-1/2" Threaded Brass Plug, Raised Head | 59.74 | 24.46 |
| 22 05 76 00-0072 | EA | 5" Threaded Brass Plug, Raised Head | 64.17 | 26.13 |
| 22 05 76 00-0073 | EA | 6" Threaded Brass Plug, Raised Head | 82.87 | 29.03 |
| 22 05 76 00-0074 | EA | 1-1/2" Threaded Brass Plug, Countersunk Head | 31.67 | 14.51 |
| 22 05 76 00-0075 | EA | 2" Threaded Brass Plug, Countersunk Head | 32.25 | 14.51 |
| 22 05 76 00-0076 | EA | 2-1/2" Threaded Brass Plug, Countersunk Head | 36.71 | 15.79 |
| 22 05 76 00-0077 | EA | 3" Threaded Brass Plug, Countersunk Head | 40.37 | 17.42 |
| 22 05 76 00-0078 | EA | 3-1/2" Threaded Brass Plug, Countersunk Head | 46.94 | 20.32 |
| 22 05 76 00-0079 | EA | 4" Threaded Brass Plug, Countersunk Head | 54.87 | 23.22 |
| 22 05 76 00-0080 | EA | 5" Threaded Brass Plug, Countersunk Head | 63.74 | 26.13 |
| 22 05 76 00-0081 | EA | 6" Threaded Brass Plug, Countersunk Head | 75.95 | 29.03 |

# 22 07 Plumbing Insulation *(22)*

## 22 07 16 Plumbing Equipment Insulation *(22 07)*

### 22 07 16 00-0001 Lavatory Insulation *(22 07 16)*

| | | | | |
|---|---|---|---|---|
| 22 07 16 00-0002 | EA | Neoprene Insulation Kit For Under Lavatories | 312.02 | 23.09 |

## 22 07 19 Plumbing Piping Insulation *(22 07)*

### 22 07 19 00-0001 Fiberglass (Glass Fiber) Pipe Insulation *(22 07 19)*

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

### 22 07 19 00-0002 1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0003 | LF | 1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 7.65 | 2.26 |
| 22 07 19 00-0004 | LF | 3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 7.82 | 2.26 |
| 22 07 19 00-0005 | LF | 1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 8.30 | 2.36 |
| 22 07 19 00-0006 | LF | 1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 8.61 | 2.46 |
| 22 07 19 00-0007 | LF | 1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 8.86 | 2.46 |
| 22 07 19 00-0008 | LF | 2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 9.38 | 2.57 |
| 22 07 19 00-0009 | LF | 2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 9.84 | 2.67 |
| 22 07 19 00-0010 | LF | 3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 10.39 | 2.77 |
| 22 07 19 00-0011 | LF | 4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 11.83 | 2.97 |
| 22 07 19 00-0012 | LF | 6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 13.97 | 3.49 |

### 22 07 19 00-0013 1" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0014 | LF | 1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 10.26 | 3.07 |
| 22 07 19 00-0015 | LF | 3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 10.53 | 3.07 |
| 22 07 19 00-0016 | LF | 1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 10.69 | 3.07 |
| 22 07 19 00-0017 | LF | 1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 11.09 | 3.18 |
| 22 07 19 00-0018 | LF | 1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 11.41 | 3.18 |
| 22 07 19 00-0019 | LF | 2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 11.88 | 3.29 |
| 22 07 19 00-0020 | LF | 2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 12.54 | 3.49 |
| 22 07 19 00-0021 | LF | 3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 13.18 | 3.59 |
| 22 07 19 00-0022 | LF | 4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 14.94 | 3.80 |
| 22 07 19 00-0023 | LF | 6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 17.30 | 4.41 |
| 22 07 19 00-0024 | LF | 8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 21.41 | 4.93 |
| 22 07 19 00-0025 | LF | 10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 25.18 | 5.85 |
| 22 07 19 00-0026 | LF | 12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 28.89 | 6.67 |
| 22 07 19 00-0027 | LF | 14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 31.22 | 7.29 |

### 22 07 19 00-0028 1-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0029 | LF | 1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 12.51 | 3.17 |
| 22 07 19 00-0030 | LF | 3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 12.67 | 3.17 |
| 22 07 19 00-0031 | LF | 1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 13.39 | 3.36 |
| 22 07 19 00-0032 | LF | 1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 13.88 | 3.43 |
| 22 07 19 00-0033 | LF | 1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 14.29 | 3.49 |
| 22 07 19 00-0034 | LF | 2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 15.25 | 3.67 |
| 22 07 19 00-0035 | LF | 2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 15.92 | 3.74 |
| 22 07 19 00-0036 | LF | 3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 16.44 | 3.87 |
| 22 07 19 00-0037 | LF | 4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 18.15 | 4.18 |
| 22 07 19 00-0038 | LF | 6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 21.01 | 4.89 |
| 22 07 19 00-0039 | LF | 8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 23.65 | 5.15 |
| 22 07 19 00-0040 | LF | 10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 28.91 | 6.17 |
| 22 07 19 00-0041 | LF | 12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 32.78 | 7.19 |
| 22 07 19 00-0042 | LF | 14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 36.72 | 7.87 |

### 22 07 19 00-0043 2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0044 | LF | 1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 15.48 | 3.49 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0045 | LF | 3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 15.68 | 3.49 |
| 22 07 19 00-0046 | LF | 1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 16.24 | 3.59 |
| 22 07 19 00-0047 | LF | 1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 16.72 | 3.59 |
| 22 07 19 00-0048 | LF | 1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 17.23 | 3.69 |
| 22 07 19 00-0049 | LF | 2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 17.87 | 3.80 |
| 22 07 19 00-0050 | LF | 2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 18.80 | 3.90 |
| 22 07 19 00-0051 | LF | 3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 19.80 | 4.10 |
| 22 07 19 00-0052 | LF | 4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 21.66 | 4.31 |
| 22 07 19 00-0053 | LF | 6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 25.62 | 5.06 |
| 22 07 19 00-0054 | LF | 8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 29.13 | 5.34 |
| 22 07 19 00-0055 | LF | 10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 34.86 | 6.39 |
| 22 07 19 00-0056 | LF | 12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 40.04 | 7.66 |
| 22 07 19 00-0057 | LF | 14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 50.91 | 8.36 |
| 22 07 19 00-0058 | LF | 16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 53.85 | 9.80 |
| 22 07 19 00-0059 | LF | 18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 59.88 | 10.29 |
| 22 07 19 00-0060 | LF | 20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 67.85 | 11.76 |
| 22 07 19 00-0061 | LF | 24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 78.76 | 14.21 |
| **22 07 19 00-0062** | | **2-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)* | | |
| 22 07 19 00-0063 | LF | 1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 19.25 | 4.10 |
| 22 07 19 00-0064 | LF | 3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 19.53 | 4.10 |
| 22 07 19 00-0065 | LF | 1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 20.32 | 4.10 |
| 22 07 19 00-0066 | LF | 1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 20.90 | 4.20 |
| 22 07 19 00-0067 | LF | 1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 21.52 | 4.20 |
| 22 07 19 00-0068 | LF | 2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 22.41 | 4.41 |
| 22 07 19 00-0069 | LF | 2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 23.69 | 4.51 |
| 22 07 19 00-0070 | LF | 3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 24.85 | 4.72 |
| 22 07 19 00-0071 | LF | 4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 27.52 | 4.93 |
| 22 07 19 00-0072 | LF | 6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 31.56 | 5.23 |
| 22 07 19 00-0073 | LF | 8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 42.33 | 6.26 |
| 22 07 19 00-0074 | LF | 10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 50.60 | 7.19 |
| 22 07 19 00-0075 | LF | 12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 57.39 | 8.93 |
| 22 07 19 00-0076 | LF | 14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 64.95 | 9.85 |
| 22 07 19 00-0077 | LF | 16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 76.28 | 12.52 |
| 22 07 19 00-0078 | LF | 18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 82.09 | 13.13 |
| 22 07 19 00-0079 | LF | 20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 93.14 | 14.98 |
| 22 07 19 00-0080 | LF | 24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 109.48 | 18.10 |
| **22 07 19 00-0081** | | **3" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)* | | |
| 22 07 19 00-0082 | LF | 1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 21.23 | 4.54 |
| 22 07 19 00-0083 | LF | 3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 21.54 | 4.54 |
| 22 07 19 00-0084 | LF | 1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 22.34 | 4.58 |
| 22 07 19 00-0085 | LF | 1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 22.97 | 4.61 |
| 22 07 19 00-0086 | LF | 1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 23.68 | 4.66 |
| 22 07 19 00-0087 | LF | 2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 24.61 | 4.84 |
| 22 07 19 00-0088 | LF | 2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 26.01 | 5.00 |
| 22 07 19 00-0089 | LF | 3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 27.29 | 5.18 |
| 22 07 19 00-0090 | LF | 4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 30.24 | 5.47 |
| 22 07 19 00-0091 | LF | 6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 34.67 | 6.21 |
| 22 07 19 00-0092 | LF | 8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 46.49 | 6.91 |
| 22 07 19 00-0093 | LF | 10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 55.58 | 7.98 |
| 22 07 19 00-0094 | LF | 12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 63.05 | 9.92 |
| 22 07 19 00-0095 | LF | 14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 71.36 | 10.83 |
| 22 07 19 00-0096 | LF | 16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 83.80 | 13.84 |
| 22 07 19 00-0097 | LF | 18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 90.17 | 14.54 |
| 22 07 19 00-0098 | LF | 20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 102.34 | 16.62 |
| 22 07 19 00-0099 | LF | 24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 120.28 | 20.06 |
| **22 07 19 00-0100** | | **3-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)* | | |
| 22 07 19 00-0101 | LF | 1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 22.87 | 4.93 |
| 22 07 19 00-0102 | LF | 3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 23.23 | 4.93 |
| 22 07 19 00-0103 | LF | 1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 24.40 | 4.93 |
| 22 07 19 00-0104 | LF | 1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 25.08 | 5.03 |
| 22 07 19 00-0105 | LF | 1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 25.90 | 5.03 |
| 22 07 19 00-0106 | LF | 2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 26.86 | 5.23 |
| 22 07 19 00-0107 | LF | 2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 28.38 | 5.44 |
| 22 07 19 00-0108 | LF | 3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 29.69 | 5.64 |
| 22 07 19 00-0109 | LF | 4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 33.05 | 5.95 |
| 22 07 19 00-0110 | LF | 6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 37.85 | 6.77 |
| 22 07 19 00-0111 | LF | 8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 50.76 | 7.49 |
| 22 07 19 00-0112 | LF | 10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 60.71 | 8.62 |
| 22 07 19 00-0113 | LF | 12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 68.86 | 10.77 |
| 22 07 19 00-0114 | LF | 14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 77.96 | 11.80 |
| 22 07 19 00-0115 | LF | 16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 91.56 | 14.98 |
| 22 07 19 00-0116 | LF | 18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 98.50 | 15.80 |
| 22 07 19 00-0117 | LF | 20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 111.82 | 18.06 |
| 22 07 19 00-0118 | LF | 24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 131.39 | 21.75 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0119 | | 4" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)* | | |
| 22 07 19 00-0120 | LF | 1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 25.95 | 5.54 |
| 22 07 19 00-0121 | LF | 3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 26.34 | 5.54 |
| 22 07 19 00-0122 | LF | 1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 27.41 | 5.54 |
| 22 07 19 00-0123 | LF | 1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 28.27 | 5.64 |
| 22 07 19 00-0124 | LF | 1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 29.46 | 5.85 |
| 22 07 19 00-0125 | LF | 2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 30.53 | 6.06 |
| 22 07 19 00-0126 | LF | 2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 31.93 | 6.06 |
| 22 07 19 00-0127 | LF | 3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 33.53 | 6.36 |
| 22 07 19 00-0128 | LF | 4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 37.15 | 6.67 |
| 22 07 19 00-0129 | LF | 6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 42.57 | 7.59 |
| 22 07 19 00-0130 | LF | 8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 57.12 | 8.20 |
| 22 07 19 00-0131 | LF | 10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 68.32 | 9.75 |
| 22 07 19 00-0132 | LF | 12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 77.49 | 12.10 |
| 22 07 19 00-0133 | LF | 14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 87.73 | 13.23 |
| 22 07 19 00-0134 | LF | 16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 103.04 | 16.93 |
| 22 07 19 00-0135 | LF | 18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 110.77 | 17.75 |
| 22 07 19 00-0136 | LF | 20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 124.17 | 20.32 |
| 22 07 19 00-0137 | LF | 24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ) | 147.83 | 24.52 |
| 22 07 19 00-0138 | | Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell *(22 07 19)* | | |
| | | Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. | | |
| 22 07 19 00-0139 | | 1" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)* | | |
| 22 07 19 00-0140 | LF | 1/2" Diameter Pipe, 1" Thick Foamglas Insulation | 18.00 | 5.01 |
| | | *For Work In Restricted Working Space, Add* | *4.55* | |
| 22 07 19 00-0141 | LF | 3/4" Diameter Pipe, 1" Thick Foamglas Insulation | 18.72 | 5.01 |
| | | *For Work In Restricted Working Space, Add* | *4.55* | |
| 22 07 19 00-0142 | LF | 1" Diameter Pipe, 1" Thick Foamglas Insulation | 19.66 | 5.08 |
| | | *For Work In Restricted Working Space, Add* | *4.61* | |
| 22 07 19 00-0143 | LF | 1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation | 20.12 | 5.15 |
| | | *For Work In Restricted Working Space, Add* | *4.68* | |
| 22 07 19 00-0144 | LF | 1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation | 20.83 | 5.22 |
| | | *For Work In Restricted Working Space, Add* | *4.75* | |
| 22 07 19 00-0145 | LF | 2" Diameter Pipe, 1" Thick Foamglas Insulation | 22.19 | 5.36 |
| | | *For Work In Restricted Working Space, Add* | *4.88* | |
| 22 07 19 00-0146 | LF | 2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation | 23.89 | 5.59 |
| | | *For Work In Restricted Working Space, Add* | *5.08* | |
| 22 07 19 00-0147 | LF | 3" Diameter Pipe, 1" Thick Foamglas Insulation | 25.73 | 5.73 |
| | | *For Work In Restricted Working Space, Add* | *5.21* | |
| 22 07 19 00-0148 | LF | 4" Diameter Pipe, 1" Thick Foamglas Insulation | 29.70 | 6.17 |
| | | *For Work In Restricted Working Space, Add* | *5.61* | |
| 22 07 19 00-0149 | LF | 6" Diameter Pipe, 1" Thick Foamglas Insulation | 37.73 | 6.95 |
| | | *For Work In Restricted Working Space, Add* | *6.33* | |
| 22 07 19 00-0150 | | 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)* | | |
| 22 07 19 00-0151 | LF | 1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 21.28 | 5.55 |
| | | *For Work In Restricted Working Space, Add* | *4.88* | |
| 22 07 19 00-0152 | LF | 3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 21.73 | 5.55 |
| | | *For Work In Restricted Working Space, Add* | *4.88* | |
| 22 07 19 00-0153 | LF | 1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 22.40 | 5.62 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| 22 07 19 00-0154 | LF | 1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 22.94 | 5.69 |
| | | *For Work In Restricted Working Space, Add* | *5.01* | |
| 22 07 19 00-0155 | LF | 1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 23.45 | 5.77 |
| | | *For Work In Restricted Working Space, Add* | *5.08* | |
| 22 07 19 00-0156 | LF | 2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 25.42 | 5.96 |
| | | *For Work In Restricted Working Space, Add* | *5.25* | |
| 22 07 19 00-0157 | LF | 2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 28.73 | 6.19 |
| | | *For Work In Restricted Working Space, Add* | *5.45* | |
| 22 07 19 00-0158 | LF | 3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 31.69 | 6.37 |
| | | *For Work In Restricted Working Space, Add* | *5.61* | |
| 22 07 19 00-0159 | LF | 4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 35.86 | 6.78 |
| | | *For Work In Restricted Working Space, Add* | *5.97* | |
| 22 07 19 00-0160 | LF | 6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 42.21 | 7.69 |
| | | *For Work In Restricted Working Space, Add* | *6.76* | |
| 22 07 19 00-0161 | LF | 8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 47.20 | 8.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| 22 07 19 00-0162 | LF | 10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 57.23 | 9.88 |
| | | *For Work In Restricted Working Space, Add* | *8.69* | |
| 22 07 19 00-0163 | LF | 12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 67.94 | 12.28 |
| | | *For Work In Restricted Working Space, Add* | *10.80* | |
| 22 07 19 00-0164 | LF | 14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 75.48 | 12.92 |
| | | *For Work In Restricted Working Space, Add* | *11.74* | |
| 22 07 19 00-0165 | LF | 16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 83.11 | 14.42 |
| | | *For Work In Restricted Working Space, Add* | *13.12* | |
| 22 07 19 00-0166 | LF | 18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 94.23 | 17.06 |
| | | *For Work In Restricted Working Space, Add* | *15.51* | |
| 22 07 19 00-0167 | LF | 20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation | 105.26 | 18.89 |
| | | *For Work In Restricted Working Space, Add* | *17.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0168 | LF | 24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation | 131.27 | 20.93 |
| | | *For Work In Restricted Working Space, Add* | *19.02* | |

## 22 07 19 00-0169 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0170 | LF | 1/2" Diameter Pipe, 2" Thick Foamglas Insulation | 23.90 | 5.73 |
| | | *For Work In Restricted Working Space, Add* | *5.21* | |
| 22 07 19 00-0171 | LF | 3/4" Diameter Pipe, 2" Thick Foamglas Insulation | 24.61 | 5.73 |
| | | *For Work In Restricted Working Space, Add* | *5.21* | |
| 22 07 19 00-0172 | LF | 1" Diameter Pipe, 2" Thick Foamglas Insulation | 25.52 | 5.79 |
| | | *For Work In Restricted Working Space, Add* | *5.28* | |
| 22 07 19 00-0173 | LF | 1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation | 26.84 | 5.88 |
| | | *For Work In Restricted Working Space, Add* | *5.34* | |
| 22 07 19 00-0174 | LF | 1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation | 28.19 | 5.95 |
| | | *For Work In Restricted Working Space, Add* | *5.41* | |
| 22 07 19 00-0175 | LF | 2" Diameter Pipe, 2" Thick Foamglas Insulation | 31.48 | 6.17 |
| | | *For Work In Restricted Working Space, Add* | *5.61* | |
| 22 07 19 00-0176 | LF | 2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation | 33.01 | 6.39 |
| | | *For Work In Restricted Working Space, Add* | *5.81* | |
| 22 07 19 00-0177 | LF | 3" Diameter Pipe, 2" Thick Foamglas Insulation | 35.41 | 6.60 |
| | | *For Work In Restricted Working Space, Add* | *6.00* | |
| 22 07 19 00-0178 | LF | 4" Diameter Pipe, 2" Thick Foamglas Insulation | 39.85 | 6.96 |
| | | *For Work In Restricted Working Space, Add* | *6.33* | |
| 22 07 19 00-0179 | LF | 6" Diameter Pipe, 2" Thick Foamglas Insulation | 47.64 | 7.91 |
| | | *For Work In Restricted Working Space, Add* | *7.19* | |
| 22 07 19 00-0180 | LF | 8" Diameter Pipe, 2" Thick Foamglas Insulation | 53.04 | 8.83 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |
| 22 07 19 00-0181 | LF | 10" Diameter Pipe, 2" Thick Foamglas Insulation | 64.53 | 10.17 |
| | | *For Work In Restricted Working Space, Add* | *9.25* | |
| 22 07 19 00-0182 | LF | 12" Diameter Pipe, 2" Thick Foamglas Insulation | 79.93 | 12.64 |
| | | *For Work In Restricted Working Space, Add* | *11.49* | |
| 22 07 19 00-0183 | LF | 14" Diameter Pipe, 2" Thick Foamglas Insulation | 85.40 | 13.80 |
| | | *For Work In Restricted Working Space, Add* | *12.54* | |
| 22 07 19 00-0184 | LF | 16" Diameter Pipe, 2" Thick Foamglas Insulation | 101.02 | 17.64 |
| | | *For Work In Restricted Working Space, Add* | *16.03* | |
| 22 07 19 00-0185 | LF | 18" Diameter Pipe, 2" Thick Foamglas Insulation | 110.11 | 18.52 |
| | | *For Work In Restricted Working Space, Add* | *16.83* | |
| 22 07 19 00-0186 | LF | 20" Diameter Pipe, 2" Thick Foamglas Insulation | 121.84 | 21.16 |
| | | *For Work In Restricted Working Space, Add* | *19.24* | |
| 22 07 19 00-0187 | LF | 24" Diameter Pipe, 2" Thick Foamglas Insulation | 152.78 | 25.57 |
| | | *For Work In Restricted Working Space, Add* | *23.25* | |

## 22 07 19 00-0188 2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0189 | LF | 1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 29.00 | 6.22 |
| | | *For Work In Restricted Working Space, Add* | *5.65* | |
| 22 07 19 00-0190 | LF | 3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 30.19 | 6.21 |
| | | *For Work In Restricted Working Space, Add* | *5.65* | |
| 22 07 19 00-0191 | LF | 1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 31.71 | 6.31 |
| | | *For Work In Restricted Working Space, Add* | *5.74* | |
| 22 07 19 00-0192 | LF | 1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 33.05 | 6.36 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| 22 07 19 00-0193 | LF | 1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 34.41 | 6.41 |
| | | *For Work In Restricted Working Space, Add* | *5.83* | |
| 22 07 19 00-0194 | LF | 2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 36.89 | 6.67 |
| | | *For Work In Restricted Working Space, Add* | *6.07* | |
| 22 07 19 00-0195 | LF | 2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 39.24 | 6.90 |
| | | *For Work In Restricted Working Space, Add* | *6.28* | |
| 22 07 19 00-0196 | LF | 3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 42.61 | 7.15 |
| | | *For Work In Restricted Working Space, Add* | *6.50* | |
| 22 07 19 00-0197 | LF | 4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 47.74 | 7.53 |
| | | *For Work In Restricted Working Space, Add* | *6.85* | |
| 22 07 19 00-0198 | LF | 6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 57.08 | 8.57 |
| | | *For Work In Restricted Working Space, Add* | *7.79* | |
| 22 07 19 00-0199 | LF | 8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 63.59 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *8.68* | |
| 22 07 19 00-0200 | LF | 10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 72.56 | 11.00 |
| | | *For Work In Restricted Working Space, Add* | *10.01* | |
| 22 07 19 00-0201 | LF | 12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 90.35 | 13.69 |
| | | *For Work In Restricted Working Space, Add* | *12.44* | |
| 22 07 19 00-0202 | LF | 14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 94.23 | 14.94 |
| | | *For Work In Restricted Working Space, Add* | *13.58* | |
| 22 07 19 00-0203 | LF | 16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 111.12 | 19.10 |
| | | *For Work In Restricted Working Space, Add* | *17.36* | |
| 22 07 19 00-0204 | LF | 18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 120.82 | 20.04 |
| | | *For Work In Restricted Working Space, Add* | *18.23* | |
| 22 07 19 00-0205 | LF | 20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 138.91 | 22.91 |
| | | *For Work In Restricted Working Space, Add* | *20.83* | |
| 22 07 19 00-0206 | LF | 24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation | 173.96 | 27.69 |
| | | *For Work In Restricted Working Space, Add* | *25.17* | |

## 22 07 19 00-0207 3" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0208 | LF | 1/2" Diameter Pipe, 3" Thick Foamglas Insulation | 35.02 | 6.61 |
| | | *For Work In Restricted Working Space, Add* | *6.01* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0209 | LF | 3/4" Diameter Pipe, 3" Thick Foamglas Insulation | 35.74 | 6.61 |
| | | *For Work In Restricted Working Space, Add* | *6.01* | |
| 22 07 19 00-0210 | LF | 1" Diameter Pipe, 3" Thick Foamglas Insulation | 36.80 | 6.72 |
| | | *For Work In Restricted Working Space, Add* | *6.11* | |
| 22 07 19 00-0211 | LF | 1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation | 37.66 | 6.76 |
| | | *For Work In Restricted Working Space, Add* | *6.15* | |
| 22 07 19 00-0212 | LF | 1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation | 38.56 | 6.82 |
| | | *For Work In Restricted Working Space, Add* | *6.20* | |
| 22 07 19 00-0213 | LF | 2" Diameter Pipe, 3" Thick Foamglas Insulation | 41.44 | 7.09 |
| | | *For Work In Restricted Working Space, Add* | *6.46* | |
| 22 07 19 00-0214 | LF | 2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation | 44.20 | 7.35 |
| | | *For Work In Restricted Working Space, Add* | *6.68* | |
| 22 07 19 00-0215 | LF | 3" Diameter Pipe, 3" Thick Foamglas Insulation | 50.21 | 7.60 |
| | | *For Work In Restricted Working Space, Add* | *6.91* | |
| 22 07 19 00-0216 | LF | 4" Diameter Pipe, 3" Thick Foamglas Insulation | 57.32 | 8.01 |
| | | *For Work In Restricted Working Space, Add* | *7.29* | |
| 22 07 19 00-0217 | LF | 6" Diameter Pipe, 3" Thick Foamglas Insulation | 62.76 | 9.11 |
| | | *For Work In Restricted Working Space, Add* | *8.28* | |
| 22 07 19 00-0218 | LF | 8" Diameter Pipe, 3" Thick Foamglas Insulation | 70.89 | 10.16 |
| | | *For Work In Restricted Working Space, Add* | *9.24* | |
| 22 07 19 00-0219 | LF | 10" Diameter Pipe, 3" Thick Foamglas Insulation | 84.57 | 11.72 |
| | | *For Work In Restricted Working Space, Add* | *10.65* | |
| 22 07 19 00-0220 | LF | 12" Diameter Pipe, 3" Thick Foamglas Insulation | 98.23 | 14.56 |
| | | *For Work In Restricted Working Space, Add* | *13.24* | |
| 22 07 19 00-0221 | LF | 14" Diameter Pipe, 3" Thick Foamglas Insulation | 105.16 | 15.89 |
| | | *For Work In Restricted Working Space, Add* | *14.45* | |
| 22 07 19 00-0222 | LF | 16" Diameter Pipe, 3" Thick Foamglas Insulation | 125.53 | 20.32 |
| | | *For Work In Restricted Working Space, Add* | *18.47* | |
| 22 07 19 00-0223 | LF | 18" Diameter Pipe, 3" Thick Foamglas Insulation | 134.39 | 21.32 |
| | | *For Work In Restricted Working Space, Add* | *19.39* | |
| 22 07 19 00-0224 | LF | 20" Diameter Pipe, 3" Thick Foamglas Insulation | 157.50 | 24.38 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 22 07 19 00-0225 | LF | 24" Diameter Pipe, 3" Thick Foamglas Insulation | 192.56 | 29.46 |
| | | *For Work In Restricted Working Space, Add* | *26.78* | |

## 22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0227 | LF | 1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 42.19 | 8.01 |
| | | *For Work In Restricted Working Space, Add* | *7.29* | |
| 22 07 19 00-0228 | LF | 3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 43.09 | 8.01 |
| | | *For Work In Restricted Working Space, Add* | *7.29* | |
| 22 07 19 00-0229 | LF | 1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 44.16 | 8.06 |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| 22 07 19 00-0230 | LF | 1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 45.21 | 8.11 |
| | | *For Work In Restricted Working Space, Add* | *7.38* | |
| 22 07 19 00-0231 | LF | 1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 46.43 | 8.21 |
| | | *For Work In Restricted Working Space, Add* | *7.47* | |
| 22 07 19 00-0232 | LF | 2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 51.10 | 8.51 |
| | | *For Work In Restricted Working Space, Add* | *7.73* | |
| 22 07 19 00-0233 | LF | 2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 55.83 | 8.80 |
| | | *For Work In Restricted Working Space, Add* | *8.00* | |
| 22 07 19 00-0234 | LF | 3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 58.98 | 9.11 |
| | | *For Work In Restricted Working Space, Add* | *8.28* | |
| 22 07 19 00-0235 | LF | 4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 63.16 | 9.63 |
| | | *For Work In Restricted Working Space, Add* | *8.75* | |
| 22 07 19 00-0236 | LF | 6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 72.72 | 10.93 |
| | | *For Work In Restricted Working Space, Add* | *9.94* | |
| 22 07 19 00-0237 | LF | 8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 82.69 | 12.17 |
| | | *For Work In Restricted Working Space, Add* | *11.07* | |
| 22 07 19 00-0238 | LF | 10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 98.93 | 14.06 |
| | | *For Work In Restricted Working Space, Add* | *12.78* | |
| 22 07 19 00-0239 | LF | 12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 116.86 | 17.47 |
| | | *For Work In Restricted Working Space, Add* | *15.88* | |
| 22 07 19 00-0240 | LF | 14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 121.87 | 19.08 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 07 19 00-0241 | LF | 16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 146.02 | 24.38 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 22 07 19 00-0242 | LF | 18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 160.54 | 25.60 |
| | | *For Work In Restricted Working Space, Add* | *23.27* | |
| 22 07 19 00-0243 | LF | 20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 182.77 | 29.27 |
| | | *For Work In Restricted Working Space, Add* | *26.61* | |
| 22 07 19 00-0244 | LF | 24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation | 224.47 | 35.34 |
| | | *For Work In Restricted Working Space, Add* | *32.13* | |

## 22 07 19 00-0245 4" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0246 | LF | 1/2" Diameter Pipe, 4" Thick Foamglas Insulation | 51.35 | 9.85 |
| | | *For Work In Restricted Working Space, Add* | *8.95* | |
| 22 07 19 00-0247 | LF | 3/4" Diameter Pipe, 4" Thick Foamglas Insulation | 52.52 | 9.85 |
| | | *For Work In Restricted Working Space, Add* | *8.95* | |
| 22 07 19 00-0248 | LF | 1" Diameter Pipe, 4" Thick Foamglas Insulation | 54.20 | 10.02 |
| | | *For Work In Restricted Working Space, Add* | *9.11* | |
| 22 07 19 00-0249 | LF | 1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation | 55.73 | 10.14 |
| | | *For Work In Restricted Working Space, Add* | *9.21* | |
| 22 07 19 00-0250 | LF | 1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation | 57.86 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *9.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0251 | LF | 2" Diameter Pipe, 4" Thick Foamglas Insulation | 62.53 | 10.77 |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 22 07 19 00-0252 | LF | 2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation | 66.72 | 10.94 |
| | | *For Work In Restricted Working Space, Add* | *9.95* | |
| 22 07 19 00-0253 | LF | 3" Diameter Pipe, 4" Thick Foamglas Insulation | 70.06 | 11.35 |
| | | *For Work In Restricted Working Space, Add* | *10.31* | |
| 22 07 19 00-0254 | LF | 4" Diameter Pipe, 4" Thick Foamglas Insulation | 76.55 | 12.65 |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| 22 07 19 00-0255 | LF | 6" Diameter Pipe, 4" Thick Foamglas Insulation | 88.62 | 13.58 |
| | | *For Work In Restricted Working Space, Add* | *12.35* | |
| 22 07 19 00-0256 | LF | 8" Diameter Pipe, 4" Thick Foamglas Insulation | 100.09 | 14.73 |
| | | *For Work In Restricted Working Space, Add* | *13.39* | |
| 22 07 19 00-0257 | LF | 10" Diameter Pipe, 4" Thick Foamglas Insulation | 114.60 | 17.51 |
| | | *For Work In Restricted Working Space, Add* | *15.91* | |
| 22 07 19 00-0258 | LF | 12" Diameter Pipe, 4" Thick Foamglas Insulation | 133.80 | 21.74 |
| | | *For Work In Restricted Working Space, Add* | *19.76* | |
| 22 07 19 00-0259 | LF | 14" Diameter Pipe, 4" Thick Foamglas Insulation | 145.49 | 23.74 |
| | | *For Work In Restricted Working Space, Add* | *21.59* | |
| 22 07 19 00-0260 | LF | 16" Diameter Pipe, 4" Thick Foamglas Insulation | 172.54 | 30.35 |
| | | *For Work In Restricted Working Space, Add* | *27.60* | |
| 22 07 19 00-0261 | LF | 18" Diameter Pipe, 4" Thick Foamglas Insulation | 192.09 | 31.82 |
| | | *For Work In Restricted Working Space, Add* | *28.92* | |
| 22 07 19 00-0262 | LF | 20" Diameter Pipe, 4" Thick Foamglas Insulation | 215.28 | 36.41 |
| | | *For Work In Restricted Working Space, Add* | *33.10* | |
| 22 07 19 00-0263 | LF | 24" Diameter Pipe, 4" Thick Foamglas Insulation | 273.20 | 43.99 |
| | | *For Work In Restricted Working Space, Add* | *39.99* | |

## 22 07 19 00-0264 Flexible Polyethylene Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

### 22 07 19 00-0265 3/8" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0264)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0266 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 6.64 | 3.06 |
| 22 07 19 00-0267 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 6.65 | 3.06 |
| 22 07 19 00-0268 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 6.93 | 3.18 |
| 22 07 19 00-0269 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 7.22 | 3.29 |
| 22 07 19 00-0270 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 7.51 | 3.35 |
| 22 07 19 00-0271 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 7.85 | 3.40 |
| 22 07 19 00-0272 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 7.99 | 3.40 |
| 22 07 19 00-0273 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 8.40 | 3.40 |
| 22 07 19 00-0274 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 9.17 | 3.50 |
| 22 07 19 00-0275 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 9.51 | 3.56 |

### 22 07 19 00-0276 1/2" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0264)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0277 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 7.40 | 3.35 |
| 22 07 19 00-0278 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 7.49 | 3.35 |
| 22 07 19 00-0279 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 7.62 | 3.40 |
| 22 07 19 00-0280 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 7.78 | 3.42 |
| 22 07 19 00-0281 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 8.21 | 3.50 |
| 22 07 19 00-0282 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 8.58 | 3.56 |
| 22 07 19 00-0283 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 9.01 | 3.61 |
| 22 07 19 00-0284 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 9.52 | 3.66 |
| 22 07 19 00-0285 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 10.41 | 3.78 |
| 22 07 19 00-0286 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 11.35 | 3.83 |
| 22 07 19 00-0287 | LF | 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 12.26 | 3.88 |
| 22 07 19 00-0288 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 12.78 | 3.93 |

### 22 07 19 00-0289 3/4" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0264)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0290 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 8.29 | 3.61 |
| 22 07 19 00-0291 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 8.39 | 3.66 |
| 22 07 19 00-0292 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 8.98 | 3.78 |
| 22 07 19 00-0293 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 9.24 | 3.83 |
| 22 07 19 00-0294 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 9.99 | 3.93 |
| 22 07 19 00-0295 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 10.77 | 3.99 |
| 22 07 19 00-0296 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 11.12 | 4.01 |
| 22 07 19 00-0297 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 12.58 | 4.04 |
| 22 07 19 00-0298 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 14.58 | 4.14 |
| 22 07 19 00-0299 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 14.68 | 4.20 |
| 22 07 19 00-0300 | LF | 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 16.12 | 4.25 |
| 22 07 19 00-0301 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 16.71 | 4.31 |

### 22 07 19 00-0302 1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0264)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0303 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 9.48 | 3.99 |
| 22 07 19 00-0304 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 9.74 | 4.04 |
| 22 07 19 00-0305 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 10.61 | 4.14 |
| 22 07 19 00-0306 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 10.86 | 4.20 |
| 22 07 19 00-0307 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 12.17 | 4.31 |
| 22 07 19 00-0308 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 12.81 | 4.42 |
| 22 07 19 00-0309 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 13.06 | 4.47 |
| 22 07 19 00-0310 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 14.34 | 4.52 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0311 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 15.23 | 4.64 |
| 22 07 19 00-0312 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation | 16.02 | 4.69 |

## 22 07 19 00-0313 Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

## 22 07 19 00-0314 3/8" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0313)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0315 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 6.95 | 3.06 |
| 22 07 19 00-0316 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 7.08 | 3.06 |
| 22 07 19 00-0317 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 7.36 | 3.18 |
| 22 07 19 00-0318 | LF | 5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 7.54 | 3.23 |
| 22 07 19 00-0319 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 7.74 | 3.29 |
| 22 07 19 00-0320 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 7.99 | 3.35 |
| 22 07 19 00-0321 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.22 | 3.40 |
| 22 07 19 00-0322 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.46 | 3.40 |
| 22 07 19 00-0323 | LF | 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.67 | 3.40 |
| 22 07 19 00-0324 | LF | 2" I.D. (2-1/8" O.D.)Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.88 | 3.45 |
| | | *For Work In Restricted Working Space, Add* | *2.07* | |
| 22 07 19 00-0325 | LF | 2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.18 | 3.50 |
| 22 07 19 00-0326 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.45 | 3.50 |
| 22 07 19 00-0327 | LF | 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.64 | 3.56 |
| 22 07 19 00-0328 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.92 | 3.56 |
| 22 07 19 00-0329 | LF | 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 10.53 | 3.61 |
| 22 07 19 00-0330 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.23 | 3.66 |
| 22 07 19 00-0331 | LF | 4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 12.01 | 3.68 |

## 22 07 19 00-0332 1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0313)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0333 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 7.89 | 3.35 |
| 22 07 19 00-0334 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.01 | 3.35 |
| 22 07 19 00-0335 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.14 | 3.40 |
| 22 07 19 00-0336 | LF | 5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.33 | 3.40 |
| | | *For Work In Restricted Working Space, Add* | *2.05* | |
| 22 07 19 00-0337 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.48 | 3.40 |
| 22 07 19 00-0338 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 8.84 | 3.50 |
| 22 07 19 00-0339 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.21 | 3.56 |
| 22 07 19 00-0340 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.52 | 3.61 |
| 22 07 19 00-0341 | LF | 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.84 | 3.64 |
| | | *For Work In Restricted Working Space, Add* | *2.18* | |
| 22 07 19 00-0342 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 10.10 | 3.66 |
| 22 07 19 00-0343 | LF | 2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.11 | 3.73 |
| | | *For Work In Restricted Working Space, Add* | *2.23* | |
| 22 07 19 00-0344 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.71 | 3.78 |
| 22 07 19 00-0345 | LF | 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 12.17 | 3.81 |
| | | *For Work In Restricted Working Space, Add* | *2.28* | |
| 22 07 19 00-0346 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 12.55 | 3.83 |
| 22 07 19 00-0347 | LF | 3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 12.84 | 3.86 |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| 22 07 19 00-0348 | LF | 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 13.08 | 3.88 |
| 22 07 19 00-0349 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 14.24 | 3.93 |
| 22 07 19 00-0350 | LF | 4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 14.51 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *2.38* | |
| 22 07 19 00-0351 | LF | 5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 15.65 | 3.99 |
| 22 07 19 00-0352 | LF | 6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 16.97 | 4.09 |
| | | *For Work In Restricted Working Space, Add* | *2.45* | |
| 22 07 19 00-0353 | LF | 8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 18.46 | 4.20 |
| | | *For Work In Restricted Working Space, Add* | *2.52* | |

## 22 07 19 00-0354 3/4" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0313)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0355 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.17 | 3.61 |
| 22 07 19 00-0356 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.44 | 3.66 |
| 22 07 19 00-0357 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 9.84 | 3.78 |
| 22 07 19 00-0358 | LF | 5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 10.09 | 3.81 |
| | | *For Work In Restricted Working Space, Add* | *2.28* | |
| 22 07 19 00-0359 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 10.19 | 3.83 |
| 22 07 19 00-0360 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 10.80 | 3.93 |
| 22 07 19 00-0361 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.30 | 3.99 |
| 22 07 19 00-0362 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.78 | 4.04 |
| 22 07 19 00-0363 | LF | 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.92 | 4.04 |
| | | *For Work In Restricted Working Space, Add* | *2.42* | |
| 22 07 19 00-0364 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 12.11 | 4.07 |
| 22 07 19 00-0365 | LF | 2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 12.70 | 4.09 |
| | | *For Work In Restricted Working Space, Add* | *2.46* | |
| 22 07 19 00-0366 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 13.02 | 4.14 |
| 22 07 19 00-0367 | LF | 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 13.70 | 4.17 |
| | | *For Work In Restricted Working Space, Add* | *2.51* | |
| 22 07 19 00-0368 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 14.17 | 4.20 |
| 22 07 19 00-0369 | LF | 3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 14.89 | 4.23 |
| | | *For Work In Restricted Working Space, Add* | *2.54* | |
| 22 07 19 00-0370 | LF | 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 15.16 | 4.25 |
| 22 07 19 00-0371 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 16.24 | 4.31 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0372 | LF | 4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 17.10 | 4.34 |
| | | *For Work In Restricted Working Space, Add* | *2.60* | |
| 22 07 19 00-0373 | LF | 5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 18.56 | 4.36 |
| 22 07 19 00-0374 | LF | 6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation | 20.10 | 4.42 |
| 22 07 19 00-0375 | LF | 8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation | 21.94 | 4.52 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |

## 22 07 19 00-0376 1" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0313)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0377 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 10.81 | 3.98 |
| | | *For Work In Restricted Working Space, Add* | *2.39* | |
| 22 07 19 00-0378 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.16 | 4.04 |
| | | *For Work In Restricted Working Space, Add* | *2.42* | |
| 22 07 19 00-0379 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.59 | 4.14 |
| 22 07 19 00-0380 | LF | 5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 11.97 | 4.17 |
| | | *For Work In Restricted Working Space, Add* | *2.51* | |
| 22 07 19 00-0381 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 12.30 | 4.20 |
| 22 07 19 00-0382 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 12.85 | 4.31 |
| 22 07 19 00-0383 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 13.75 | 4.42 |
| 22 07 19 00-0384 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 14.20 | 4.42 |
| 22 07 19 00-0385 | LF | 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 14.81 | 4.47 |
| | | *For Work In Restricted Working Space, Add* | *2.70* | |
| 22 07 19 00-0386 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 15.03 | 4.52 |
| 22 07 19 00-0387 | LF | 2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 16.36 | 4.59 |
| | | *For Work In Restricted Working Space, Add* | *2.75* | |
| 22 07 19 00-0388 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 17.40 | 4.64 |
| 22 07 19 00-0389 | LF | 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 18.72 | 4.67 |
| | | *For Work In Restricted Working Space, Add* | *2.80* | |
| 22 07 19 00-0390 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 19.10 | 4.69 |
| | | *For Work In Restricted Working Space, Add* | *2.81* | |
| 22 07 19 00-0391 | LF | 3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 19.80 | 4.72 |
| | | *For Work In Restricted Working Space, Add* | *2.83* | |
| 22 07 19 00-0392 | LF | 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 20.13 | 4.74 |
| | | *For Work In Restricted Working Space, Add* | *2.84* | |
| 22 07 19 00-0393 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 22.65 | 4.86 |
| | | *For Work In Restricted Working Space, Add* | *2.91* | |
| 22 07 19 00-0394 | LF | 4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 24.36 | 4.91 |
| | | *For Work In Restricted Working Space, Add* | *2.94* | |
| 22 07 19 00-0395 | LF | 5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 26.89 | 4.96 |
| | | *For Work In Restricted Working Space, Add* | *2.97* | |
| 22 07 19 00-0396 | LF | 6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 29.56 | 5.07 |
| | | *For Work In Restricted Working Space, Add* | *3.04* | |

## 22 07 19 00-0397 1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0313)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0398 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 17.01 | 4.46 |
| | | *For Work In Restricted Working Space, Add* | *2.68* | |
| 22 07 19 00-0399 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 17.44 | 4.56 |
| | | *For Work In Restricted Working Space, Add* | *2.74* | |
| 22 07 19 00-0400 | LF | 5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 17.83 | 4.59 |
| | | *For Work In Restricted Working Space, Add* | *2.75* | |
| 22 07 19 00-0401 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 18.21 | 4.63 |
| | | *For Work In Restricted Working Space, Add* | *2.77* | |
| 22 07 19 00-0402 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 18.74 | 4.73 |
| | | *For Work In Restricted Working Space, Add* | *2.83* | |
| 22 07 19 00-0403 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 19.59 | 4.91 |
| | | *For Work In Restricted Working Space, Add* | *2.94* | |
| 22 07 19 00-0404 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 20.83 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *2.96* | |
| 22 07 19 00-0405 | LF | 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 21.92 | 4.95 |
| | | *For Work In Restricted Working Space, Add* | *3.00* | |
| 22 07 19 00-0406 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 22.57 | 5.07 |
| | | *For Work In Restricted Working Space, Add* | *3.04* | |
| 22 07 19 00-0407 | LF | 2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 24.65 | 5.13 |
| | | *For Work In Restricted Working Space, Add* | *3.07* | |
| 22 07 19 00-0408 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 26.62 | 5.19 |
| | | *For Work In Restricted Working Space, Add* | *3.10* | |
| 22 07 19 00-0409 | LF | 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 27.55 | 5.21 |
| | | *For Work In Restricted Working Space, Add* | *3.12* | |
| 22 07 19 00-0410 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 28.47 | 5.22 |
| | | *For Work In Restricted Working Space, Add* | *3.14* | |
| 22 07 19 00-0411 | LF | 3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 29.55 | 5.25 |
| | | *For Work In Restricted Working Space, Add* | *3.15* | |
| 22 07 19 00-0412 | LF | 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 30.24 | 5.27 |
| | | *For Work In Restricted Working Space, Add* | *3.17* | |
| 22 07 19 00-0413 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 33.90 | 5.47 |
| | | *For Work In Restricted Working Space, Add* | *3.27* | |
| 22 07 19 00-0414 | LF | 4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 35.88 | 5.55 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| 22 07 19 00-0415 | LF | 5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 40.68 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *3.38* | |
| 22 07 19 00-0416 | LF | 6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 45.42 | 5.80 |
| | | *For Work In Restricted Working Space, Add* | *3.48* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 07 19 00-0417** | | **2" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-0313)* | | |
| 22 07 19 00-0418 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 25.07 | 4.93 |
| | | *For Work In Restricted Working Space, Add* | *2.96* | |
| 22 07 19 00-0419 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 26.10 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| 22 07 19 00-0420 | LF | 5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 27.89 | 5.04 |
| | | *For Work In Restricted Working Space, Add* | *3.03* | |
| 22 07 19 00-0421 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 28.50 | 5.08 |
| | | *For Work In Restricted Working Space, Add* | *3.04* | |
| 22 07 19 00-0422 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 29.98 | 5.18 |
| | | *For Work In Restricted Working Space, Add* | *3.10* | |
| 22 07 19 00-0423 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 31.78 | 5.43 |
| | | *For Work In Restricted Working Space, Add* | *3.25* | |
| 22 07 19 00-0424 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 32.87 | 5.29 |
| | | *For Work In Restricted Working Space, Add* | *3.27* | |
| 22 07 19 00-0425 | LF | 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 34.82 | 5.48 |
| | | *For Work In Restricted Working Space, Add* | *3.34* | |
| 22 07 19 00-0426 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 36.67 | 5.66 |
| | | *For Work In Restricted Working Space, Add* | *3.40* | |
| 22 07 19 00-0427 | LF | 2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 37.92 | 5.73 |
| | | *For Work In Restricted Working Space, Add* | *3.43* | |
| 22 07 19 00-0428 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 40.49 | 5.80 |
| | | *For Work In Restricted Working Space, Add* | *3.46* | |
| 22 07 19 00-0429 | LF | 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 40.80 | 5.81 |
| | | *For Work In Restricted Working Space, Add* | *3.48* | |
| 22 07 19 00-0430 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 43.22 | 5.82 |
| | | *For Work In Restricted Working Space, Add* | *3.50* | |
| 22 07 19 00-0431 | LF | 3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 44.89 | 5.85 |
| | | *For Work In Restricted Working Space, Add* | *3.52* | |
| 22 07 19 00-0432 | LF | 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 46.68 | 5.88 |
| | | *For Work In Restricted Working Space, Add* | *3.53* | |
| 22 07 19 00-0433 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 52.58 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.68* | |
| 22 07 19 00-0434 | LF | 4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 56.01 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.76* | |
| 22 07 19 00-0435 | LF | 5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 57.01 | 6.40 |
| | | *For Work In Restricted Working Space, Add* | *3.84* | |
| 22 07 19 00-0436 | LF | 6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation | 64.13 | 6.66 |
| | | *For Work In Restricted Working Space, Add* | *3.99* | |
| **22 07 19 00-0437** | | **Flexible Polyolefin Tubing Closed Cell Foam Insulation** *(22 07 19)* | | |
| | | Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting. | | |
| **22 07 19 00-0438** | | **3/8" Wall Flexible Polyolefin Tubing Foam Insulation** *(22 07 19 00-0437)* | | |
| 22 07 19 00-0439 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 6.66 | 3.06 |
| 22 07 19 00-0440 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 6.74 | 3.06 |
| 22 07 19 00-0441 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 6.98 | 3.18 |
| 22 07 19 00-0442 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 7.29 | 3.29 |
| 22 07 19 00-0443 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 7.49 | 3.35 |
| 22 07 19 00-0444 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 7.83 | 3.40 |
| 22 07 19 00-0445 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 8.09 | 3.40 |
| 22 07 19 00-0446 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 8.28 | 3.50 |
| 22 07 19 00-0447 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 9.12 | 3.50 |
| 22 07 19 00-0448 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 9.89 | 3.56 |
| 22 07 19 00-0449 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 11.82 | 3.66 |
| **22 07 19 00-0450** | | **1/2" Wall Flexible Polyolefin Tubing Foam Insulation** *(22 07 19 00-0437)* | | |
| 22 07 19 00-0451 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 7.46 | 3.35 |
| 22 07 19 00-0452 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 7.54 | 3.35 |
| 22 07 19 00-0453 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 7.69 | 3.40 |
| 22 07 19 00-0454 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 7.90 | 3.40 |
| 22 07 19 00-0455 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 8.15 | 3.50 |
| 22 07 19 00-0456 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 8.54 | 3.56 |
| 22 07 19 00-0457 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 8.96 | 3.61 |
| 22 07 19 00-0458 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 9.36 | 3.66 |
| 22 07 19 00-0459 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 10.26 | 3.78 |
| 22 07 19 00-0460 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 11.06 | 3.83 |
| 22 07 19 00-0461 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 12.59 | 3.93 |
| **22 07 19 00-0462** | | **3/4" Wall Flexible Polyolefin Tubing Foam Insulation** *(22 07 19 00-0437)* | | |
| 22 07 19 00-0463 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 8.40 | 3.61 |
| 22 07 19 00-0464 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 8.69 | 3.66 |
| 22 07 19 00-0465 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 9.04 | 3.78 |
| 22 07 19 00-0466 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 9.58 | 3.83 |
| 22 07 19 00-0467 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 10.10 | 3.93 |
| 22 07 19 00-0468 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 10.99 | 3.99 |
| 22 07 19 00-0469 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 11.56 | 3.99 |
| 22 07 19 00-0470 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 12.22 | 4.04 |
| 22 07 19 00-0471 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 13.50 | 4.14 |
| 22 07 19 00-0472 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 14.66 | 4.20 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0473 | LF | 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 16.88 | 4.31 |
| **22 07 19 00-0474** | | **1" Wall Flexible Polyolefin Tubing Foam Insulation** *(22 07 19 00-0437)* | | |
| 22 07 19 00-0475 | LF | 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 10.02 | 3.99 |
| 22 07 19 00-0476 | LF | 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 10.17 | 4.04 |
| 22 07 19 00-0477 | LF | 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 10.53 | 4.14 |
| 22 07 19 00-0478 | LF | 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 11.32 | 4.20 |
| 22 07 19 00-0479 | LF | 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 11.98 | 4.31 |
| 22 07 19 00-0480 | LF | 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 12.66 | 4.42 |
| 22 07 19 00-0481 | LF | 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 13.31 | 4.42 |
| 22 07 19 00-0482 | LF | 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 14.78 | 4.52 |
| 22 07 19 00-0483 | LF | 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 16.74 | 4.64 |
| 22 07 19 00-0484 | LF | 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation | 18.14 | 4.69 |
| **22 07 19 00-0485** | | **Flexible Elastomeric Unicellular Insulation** *(22 07 19)*<br>Note: For refrigeration piping. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting. | | |
| **22 07 19 00-0486** | | **3/8" Wall Flexible Elastomeric Unicellular Insulation** *(22 07 19 00-0485)* | | |
| 22 07 19 00-0487 | LF | 3/8" I.D. (1/2" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 7.56 | 3.06 |
| | | *For Work In Restricted Working Space, Add* | *1.84* | |
| 22 07 19 00-0488 | LF | 1/2" I.D. (5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 7.99 | 3.18 |
| | | *For Work In Restricted Working Space, Add* | *1.91* | |
| 22 07 19 00-0489 | LF | 3/4" I.D. (7/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 8.40 | 3.30 |
| | | *For Work In Restricted Working Space, Add* | *1.97* | |
| 22 07 19 00-0490 | LF | 1" I.D. (1-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 8.74 | 3.35 |
| | | *For Work In Restricted Working Space, Add* | *2.00* | |
| 22 07 19 00-0491 | LF | 1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 9.12 | 3.40 |
| | | *For Work In Restricted Working Space, Add* | *2.04* | |
| 22 07 19 00-0492 | LF | 1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 9.71 | 3.42 |
| | | *For Work In Restricted Working Space, Add* | *2.05* | |
| 22 07 19 00-0493 | LF | 2" I.D. (2-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 10.44 | 3.51 |
| | | *For Work In Restricted Working Space, Add* | *2.10* | |
| 22 07 19 00-0494 | LF | 2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 12.25 | 3.53 |
| | | *For Work In Restricted Working Space, Add* | *2.12* | |
| 22 07 19 00-0495 | LF | 3" I.D. (3-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation | 13.55 | 3.58 |
| | | *For Work In Restricted Working Space, Add* | *2.15* | |
| **22 07 19 00-0496** | | **1/2" Wall Flexible Elastomeric Unicellular Insulation** *(22 07 19 00-0485)* | | |
| 22 07 19 00-0497 | LF | 3/8" I.D. (1/2" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 8.73 | 3.30 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| 22 07 19 00-0498 | LF | 1/2" I.D. (5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 9.15 | 3.40 |
| | | *For Work In Restricted Working Space, Add* | *2.04* | |
| 22 07 19 00-0499 | LF | 3/4" I.D. (7/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 9.48 | 3.40 |
| | | *For Work In Restricted Working Space, Add* | *2.05* | |
| 22 07 19 00-0500 | LF | 1" I.D. (1-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 9.95 | 3.50 |
| | | *For Work In Restricted Working Space, Add* | *2.10* | |
| 22 07 19 00-0501 | LF | 1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 10.35 | 3.56 |
| | | *For Work In Restricted Working Space, Add* | *2.13* | |
| 22 07 19 00-0502 | LF | 1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 10.96 | 3.61 |
| | | *For Work In Restricted Working Space, Add* | *2.17* | |
| 22 07 19 00-0503 | LF | 2" I.D. (2-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 12.10 | 3.66 |
| | | *For Work In Restricted Working Space, Add* | *2.20* | |
| 22 07 19 00-0504 | LF | 2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 13.97 | 3.78 |
| | | *For Work In Restricted Working Space, Add* | *2.26* | |
| 22 07 19 00-0505 | LF | 3" I.D. (3-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 15.21 | 3.83 |
| | | *For Work In Restricted Working Space, Add* | *2.30* | |
| 22 07 19 00-0506 | LF | 3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 17.73 | 3.88 |
| | | *For Work In Restricted Working Space, Add* | *2.33* | |
| 22 07 19 00-0507 | LF | 4" I.D. (4-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation | 18.90 | 3.93 |
| | | *For Work In Restricted Working Space, Add* | *2.36* | |
| **22 07 19 00-0508** | | **3/4" Wall Flexible Elastomeric Unicellular Insulation** *(22 07 19 00-0485)* | | |
| 22 07 19 00-0509 | LF | 3/8" I.D. (1/2" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 10.48 | 3.59 |
| | | *For Work In Restricted Working Space, Add* | *2.15* | |
| 22 07 19 00-0510 | LF | 1/2" I.D. (5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 11.13 | 3.78 |
| | | *For Work In Restricted Working Space, Add* | *2.26* | |
| 22 07 19 00-0511 | LF | 3/4" I.D. (7/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 11.94 | 3.83 |
| | | *For Work In Restricted Working Space, Add* | *2.30* | |
| 22 07 19 00-0512 | LF | 1" I.D. (1-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 13.11 | 3.94 |
| | | *For Work In Restricted Working Space, Add* | *2.36* | |
| 22 07 19 00-0513 | LF | 1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 13.95 | 3.99 |
| | | *For Work In Restricted Working Space, Add* | *2.39* | |
| 22 07 19 00-0514 | LF | 1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 16.03 | 4.04 |
| | | *For Work In Restricted Working Space, Add* | *2.42* | |
| 22 07 19 00-0515 | LF | 2" I.D. (2-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 17.80 | 4.07 |
| | | *For Work In Restricted Working Space, Add* | *2.44* | |
| 22 07 19 00-0516 | LF | 2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 20.51 | 4.15 |
| | | *For Work In Restricted Working Space, Add* | *2.49* | |
| 22 07 19 00-0517 | LF | 3" I.D. (3-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 22.36 | 4.20 |
| | | *For Work In Restricted Working Space, Add* | *2.52* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0518 | LF | 3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 25.44 | 4.25 |
| | | *For Work In Restricted Working Space, Add* | *2.56* | |
| 22 07 19 00-0519 | LF | 4" I.D. (4-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation | 26.85 | 4.31 |
| | | *For Work In Restricted Working Space, Add* | *2.59* | |
| 22 07 19 00-0520 | | 1" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0485)* | | |
| 22 07 19 00-0521 | LF | 3/8" I.D. (1/2" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 14.00 | 3.99 |
| | | *For Work In Restricted Working Space, Add* | *2.39* | |
| 22 07 19 00-0522 | LF | 1/2" I.D. (5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 14.72 | 4.15 |
| | | *For Work In Restricted Working Space, Add* | *2.49* | |
| 22 07 19 00-0523 | LF | 3/4" I.D. (7/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 16.32 | 4.20 |
| | | *For Work In Restricted Working Space, Add* | *2.52* | |
| 22 07 19 00-0524 | LF | 1" I.D. (1-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 18.24 | 4.31 |
| | | *For Work In Restricted Working Space, Add* | *2.59* | |
| 22 07 19 00-0525 | LF | 1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 19.99 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *2.65* | |
| 22 07 19 00-0526 | LF | 1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 21.30 | 4.47 |
| | | *For Work In Restricted Working Space, Add* | *2.68* | |
| 22 07 19 00-0527 | LF | 2" I.D. (2-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 23.92 | 4.52 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| 22 07 19 00-0528 | LF | 2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 30.25 | 4.64 |
| | | *For Work In Restricted Working Space, Add* | *2.78* | |
| 22 07 19 00-0529 | LF | 3" I.D. (3-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 34.81 | 4.69 |
| | | *For Work In Restricted Working Space, Add* | *2.81* | |
| 22 07 19 00-0530 | LF | 3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 37.28 | 4.74 |
| | | *For Work In Restricted Working Space, Add* | *2.84* | |
| 22 07 19 00-0531 | LF | 4" I.D. (4-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation | 42.34 | 4.86 |
| | | *For Work In Restricted Working Space, Add* | *2.91* | |
| 22 07 19 00-0532 | | Insulation Foam Rubber *(22 07 19)* | | |
| 22 07 19 00-0533 | | Covering 4x6 Sheet *(22 07 19 00-0532)* | | |
| 22 07 19 00-0534 | SF | 1" Thick Foam Rubber Sheet Insulation | 21.18 | 7.29 |
| 22 07 19 00-0535 | | Insulation Protective Jacketing *(22 07 19)* | | |
| | | Note: Jacketing only and to be added to insulation prices when required. | | |
| 22 07 19 00-0536 | | Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0535)* | | |
| 22 07 19 00-0537 | | Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0536)* | | |
| 22 07 19 00-0538 | SF | 0.006" Aluminum Insulation Jacket With Bands | 15.54 | 6.57 |
| 22 07 19 00-0539 | SF | 0.016" Aluminum Insulation Jacket With Bands | 16.12 | 6.57 |
| 22 07 19 00-0540 | SF | 0.010" Aluminum Insulation Jacket With Bands | 15.84 | 6.57 |
| 22 07 19 00-0541 | SF | 0.020" Aluminum Insulation Jacket With Bands | 16.38 | 6.57 |
| 22 07 19 00-0542 | SF | 0.024" Aluminum Insulation Jacket With Bands | 16.62 | 6.57 |
| 22 07 19 00-0543 | | 16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0536)* | | |
| 22 07 19 00-0544 | LF | 1/2" ID, 0.016" Aluminum Insulation Jacketing | 7.84 | 1.86 |
| | | *For Stucco Embossed, Add* | *0.00* | |
| | | *For Corrugated, Add* | *0.01* | |
| 22 07 19 00-0545 | LF | 3/4" ID, 0.016" Aluminum Insulation Jacketing | 8.13 | 1.90 |
| | | *For Stucco Embossed, Add* | *0.00* | |
| | | *For Corrugated, Add* | *0.01* | |
| 22 07 19 00-0546 | LF | 1" ID, 0.016" Aluminum Insulation Jacketing | 8.42 | 1.96 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0547 | LF | 1-1/4" ID, 0.016" Aluminum Insulation Jacketing | 8.73 | 2.01 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0548 | LF | 1-1/2" ID, 0.016" Aluminum Insulation Jacketing | 8.95 | 2.04 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0549 | LF | 1-3/4" ID, 0.016" Aluminum Insulation Jacketing | 9.18 | 2.07 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0550 | LF | 2" ID, 0.016" Aluminum Insulation Jacketing | 9.46 | 2.11 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0551 | LF | 2-1/4" ID, 0.016" Aluminum Insulation Jacketing | 9.77 | 2.15 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0552 | LF | 2-1/2" ID, 0.016" Aluminum Insulation Jacketing | 10.07 | 2.20 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0553 | LF | 2-3/4" ID, 0.016" Aluminum Insulation Jacketing | 10.32 | 2.23 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0554 | LF | 3" ID, 0.016" Aluminum Insulation Jacketing | 10.65 | 2.28 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0555 | LF | 3-1/4" ID, 0.016" Aluminum Insulation Jacketing | 10.97 | 2.33 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0556 | LF | 3-1/2" ID, 0.016" Aluminum Insulation Jacketing | 11.30 | 2.39 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0557 | LF | 3-3/4" ID, 0.016" Aluminum Insulation Jacketing | 11.59 | 2.43 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0558 | LF | 4" ID, 0.016" Aluminum Insulation Jacketing | 11.93 | 2.49 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0559 | LF | 4-1/4" ID, 0.016" Aluminum Insulation Jacketing | 12.29 | 2.55 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0560 | LF | 4-1/2" ID, 0.016" Aluminum Insulation Jacketing | 12.67 | 2.61 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0561 | LF | 4-3/4" ID, 0.016" Aluminum Insulation Jacketing | 12.99 | 2.66 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0562 | LF | 5" ID, 0.016" Aluminum Insulation Jacketing | 13.38 | 2.73 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0563 | LF | 5-1/4" ID, 0.016" Aluminum Insulation Jacketing | 13.81 | 2.81 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0564 | LF | 5-1/2" ID, 0.016" Aluminum Insulation Jacketing | 14.15 | 2.87 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0565 | LF | 5-3/4" ID, 0.016" Aluminum Insulation Jacketing | 14.61 | 2.95 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0566 | LF | 6" ID, 0.016" Aluminum Insulation Jacketing | 15.07 | 3.04 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0567 | LF | 6-1/4" ID, 0.016" Aluminum Insulation Jacketing | 15.37 | 3.08 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0568 | LF | 6-1/2" ID, 0.016" Aluminum Insulation Jacketing | 15.66 | 3.13 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0569 | LF | 7" ID, 0.016" Aluminum Insulation Jacketing | 16.17 | 3.20 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0570 | LF | 7-1/4" ID, 0.016" Aluminum Insulation Jacketing | 16.59 | 3.29 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0571 | LF | 7-1/2" ID, 0.016" Aluminum Insulation Jacketing | 16.91 | 3.34 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0572 | LF | 8" ID, 0.016" Aluminum Insulation Jacketing | 17.36 | 3.40 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0573 | LF | 8-1/2" ID, 0.016" Aluminum Insulation Jacketing | 17.82 | 3.45 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.10* | |
| 22 07 19 00-0574 | LF | 9" ID, 0.016" Aluminum Insulation Jacketing | 18.39 | 3.54 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0575 | LF | 9-1/2" ID, 0.016" Aluminum Insulation Jacketing | 18.88 | 3.60 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0576 | LF | 10" ID, 0.016" Aluminum Insulation Jacketing | 19.36 | 3.67 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.12* | |
| 22 07 19 00-0577 | LF | 10-1/2" ID, 0.016" Aluminum Insulation Jacketing | 19.86 | 3.73 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.12* | |
| 22 07 19 00-0578 | LF | 11" ID, 0.0106 Aluminum Insulation Jacketing | 20.50 | 3.84 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.13* | |
| 22 07 19 00-0579 | LF | 11-1/2" ID, 0.016" Aluminum Insulation Jacketing | 21.03 | 3.91 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.14* | |
| 22 07 19 00-0580 | LF | 12" ID, 0.016" Aluminum Insulation Jacketing | 21.55 | 3.98 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.14* | |
| 22 07 19 00-0581 | LF | 12-1/2" ID, 0.016" Aluminum Insulation Jacketing | 22.26 | 4.10 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.15* | |
| 22 07 19 00-0582 | LF | 13" ID, 0.016" Aluminum Insulation Jacketing | 22.65 | 4.14 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.15* | |
| 22 07 19 00-0583 | LF | 14" ID, 0.016" Aluminum Insulation Jacketing | 23.28 | 4.19 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.16* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0584 | LF | 15" ID, 0.016" Aluminum Insulation Jacketing | 24.08 | 4.27 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.17* | |
| 22 07 19 00-0585 | LF | 16" ID, 0.016" Aluminum Insulation Jacketing | 24.73 | 4.32 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.19* | |
| 22 07 19 00-0586 | LF | 17" ID, 0.016" Aluminum Insulation Jacketing | 25.55 | 4.41 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.20* | |
| 22 07 19 00-0587 | LF | 18" ID, 0.016" Aluminum Insulation Jacketing | 26.05 | 4.46 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.21* | |
| 22 07 19 00-0588 | LF | 19" ID, 0.016" Aluminum Insulation Jacketing | 27.05 | 4.56 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.22* | |
| 22 07 19 00-0589 | LF | 20" ID, 0.016" Aluminum Insulation Jacketing | 27.71 | 4.62 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.23* | |
| 22 07 19 00-0590 | LF | 21" ID, 0.016" Aluminum Insulation Jacketing | 28.59 | 4.72 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.24* | |
| 22 07 19 00-0591 | LF | 22" ID, 0.016" Aluminum Insulation Jacketing | 29.26 | 4.78 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.25* | |
| 22 07 19 00-0592 | LF | 23" ID, 0.016" Aluminum Insulation Jacketing | 30.18 | 4.89 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.27* | |
| 22 07 19 00-0593 | LF | 24" ID, 0.016" Aluminum Insulation Jacketing | 30.86 | 4.95 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.28* | |

## 22 07 19 00-0594 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0536)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0595 | LF | 1/2" ID, 0.020" Aluminum Insulation Jacketing | 8.68 | 2.06 |
| | | *For Stucco Embossed, Add* | *0.00* | |
| | | *For Corrugated, Add* | *0.01* | |
| 22 07 19 00-0596 | LF | 3/4" ID, 0.020" Aluminum Insulation Jacketing | 9.01 | 2.10 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0597 | LF | 1" ID, 0.020" Aluminum Insulation Jacketing | 9.37 | 2.15 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0598 | LF | 1-1/4" ID, 0.020" Aluminum Insulation Jacketing | 9.72 | 2.21 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0599 | LF | 1-1/2" ID, 0.020" Aluminum Insulation Jacketing | 9.99 | 2.24 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0600 | LF | 1-3/4" ID, 0.020" Aluminum Insulation Jacketing | 10.27 | 2.27 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0601 | LF | 2" ID, 0.020" Aluminum Insulation Jacketing | 10.60 | 2.32 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0602 | LF | 2-1/4" ID, 0.020" Aluminum Insulation Jacketing | 10.93 | 2.37 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0603 | LF | 2-1/2" ID, 0.020" Aluminum Insulation Jacketing | 11.29 | 2.42 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0604 | LF | 2-3/4" ID, 0.020" Aluminum Insulation Jacketing | 11.60 | 2.45 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0605 | LF | 3" ID, 0.020" Aluminum Insulation Jacketing | 11.97 | 2.51 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0606 | LF | 3-1/4" ID, 0.020" Aluminum Insulation Jacketing | 12.35 | 2.57 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0607 | LF | 3-1/2" ID, 0.020" Aluminum Insulation Jacketing | 12.73 | 2.62 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0608 | LF | 3-3/4" ID, 0.020" Aluminum Insulation Jacketing | 13.05 | 2.67 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0609 | LF | 4" ID, 0.020" Aluminum Insulation Jacketing | 13.46 | 2.73 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0610 | LF | 4-1/4" ID, 0.020" Aluminum Insulation Jacketing | 13.88 | 2.80 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0611 | LF | 4-1/2" ID, 0.020" Aluminum Insulation Jacketing | 14.32 | 2.87 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0612 | LF | 4-3/4" ID, 0.020" Aluminum Insulation Jacketing | 14.69 | 2.93 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0613 | LF | 5" ID, 0.020" Aluminum Insulation Jacketing | 15.14 | 3.01 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0614 | LF | 5-1/4" ID, 0.020" Aluminum Insulation Jacketing | 15.62 | 3.09 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0615 | LF | 5-1/2" ID, 0.020" Aluminum Insulation Jacketing | 16.02 | 3.15 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0616 | LF | 5-3/4" ID, 0.020" Aluminum Insulation Jacketing | 16.54 | 3.25 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0617 | LF | 6" ID, 0.020" Aluminum Insulation Jacketing | 17.06 | 3.35 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0618 | LF | 6-1/4" ID, 0.020" Aluminum Insulation Jacketing | 17.41 | 3.40 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.10* | |
| 22 07 19 00-0619 | LF | 6-1/2" ID, 0.020" Aluminum Insulation Jacketing | 17.77 | 3.45 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.10* | |
| 22 07 19 00-0620 | LF | 7" ID, 0.020" Aluminum Insulation Jacketing | 18.36 | 3.53 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0621 | LF | 7-1/4" ID, 0.020" Aluminum Insulation Jacketing | 18.83 | 3.61 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0622 | LF | 7-1/2" ID, 0.020" Aluminum Insulation Jacketing | 19.21 | 3.67 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0623 | LF | 8" ID, 0.020" Aluminum Insulation Jacketing | 19.76 | 3.73 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.12* | |
| 22 07 19 00-0624 | LF | 8-1/2" ID, 0.020" Aluminum Insulation Jacketing | 20.28 | 3.79 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.13* | |
| 22 07 19 00-0625 | LF | 9" ID, 0.020" Aluminum Insulation Jacketing | 20.96 | 3.89 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.13* | |
| 22 07 19 00-0626 | LF | 9-1/2" ID, 0.020" Aluminum Insulation Jacketing | 21.53 | 3.96 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.14* | |
| 22 07 19 00-0627 | LF | 10" ID, 0.020" Aluminum Insulation Jacketing | 22.10 | 4.03 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.15* | |
| 22 07 19 00-0628 | LF | 10-1/2" ID, 0.020" Aluminum Insulation Jacketing | 22.68 | 4.10 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.16* | |
| 22 07 19 00-0629 | LF | 11" ID, 0.0106 Aluminum Insulation Jacketing | 23.42 | 4.22 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.16* | |
| 22 07 19 00-0630 | LF | 11-1/2" ID, 0.020" Aluminum Insulation Jacketing | 24.04 | 4.30 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.17* | |
| 22 07 19 00-0631 | LF | 12" ID, 0.020" Aluminum Insulation Jacketing | 24.68 | 4.38 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.18* | |
| 22 07 19 00-0632 | LF | 12-1/2" ID, 0.020" Aluminum Insulation Jacketing | 25.48 | 4.51 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.19* | |
| 22 07 19 00-0633 | LF | 13" ID, 0.020" Aluminum Insulation Jacketing | 25.95 | 4.56 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.19* | |
| 22 07 19 00-0634 | LF | 14" ID, 0.020" Aluminum Insulation Jacketing | 26.72 | 4.61 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.21* | |
| 22 07 19 00-0635 | LF | 15" ID, 0.020" Aluminum Insulation Jacketing | 27.68 | 4.71 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.22* | |
| 22 07 19 00-0636 | LF | 16" ID, 0.020" Aluminum Insulation Jacketing | 28.47 | 4.76 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.24* | |
| 22 07 19 00-0637 | LF | 17" ID, 0.020" Aluminum Insulation Jacketing | 29.45 | 4.86 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.25* | |
| 22 07 19 00-0638 | LF | 18" ID, 0.020" Aluminum Insulation Jacketing | 30.05 | 4.91 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.26* | |
| 22 07 19 00-0639 | LF | 19" ID, 0.020" Aluminum Insulation Jacketing | 31.25 | 5.02 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.28* | |
| 22 07 19 00-0640 | LF | 20" ID, 0.020" Aluminum Insulation Jacketing | 32.07 | 5.07 |
| | | *For Stucco Embossed, Add* | *0.12* | |
| | | *For Corrugated, Add* | *0.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0641 | LF | 21" ID, 0.020" Aluminum Insulation Jacketing | 33.11 | 5.19 |
| | | *For Stucco Embossed, Add* | *0.12* | |
| | | *For Corrugated, Add* | *0.31* | |
| 22 07 19 00-0642 | LF | 22" ID, 0.020" Aluminum Insulation Jacketing | 33.91 | 5.25 |
| | | *For Stucco Embossed, Add* | *0.13* | |
| | | *For Corrugated, Add* | *0.32* | |
| 22 07 19 00-0643 | LF | 23" ID, 0.020" Aluminum Insulation Jacketing | 35.01 | 5.37 |
| | | *For Stucco Embossed, Add* | *0.14* | |
| | | *For Corrugated, Add* | *0.34* | |
| 22 07 19 00-0644 | LF | 24" ID, 0.020" Aluminum Insulation Jacketing | 35.84 | 5.44 |
| | | *For Stucco Embossed, Add* | *0.14* | |
| | | *For Corrugated, Add* | *0.35* | |

### 22 07 19 00-0645 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0536)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0646 | LF | 1/2" ID, 0.024" Aluminum Insulation Jacketing | 9.53 | 2.24 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.01* | |
| 22 07 19 00-0647 | LF | 3/4" ID, 0.024" Aluminum Insulation Jacketing | 9.91 | 2.29 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0648 | LF | 1" ID, 0.024" Aluminum Insulation Jacketing | 10.30 | 2.35 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0649 | LF | 1-1/4" ID, 0.024" Aluminum Insulation Jacketing | 10.69 | 2.40 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0650 | LF | 1-1/2" ID, 0.024" Aluminum Insulation Jacketing | 11.02 | 2.44 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0651 | LF | 1-3/4" ID, 0.024" Aluminum Insulation Jacketing | 11.33 | 2.48 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0652 | LF | 2" ID, 0.024" Aluminum Insulation Jacketing | 11.70 | 2.53 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0653 | LF | 2-1/4" ID, 0.024" Aluminum Insulation Jacketing | 12.08 | 2.58 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0654 | LF | 2-1/2" ID, 0.024" Aluminum Insulation Jacketing | 12.49 | 2.63 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0655 | LF | 2-3/4" ID, 0.024" Aluminum Insulation Jacketing | 12.84 | 2.68 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0656 | LF | 3" ID, 0.024" Aluminum Insulation Jacketing | 13.27 | 2.73 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0657 | LF | 3-1/4" ID, 0.024" Aluminum Insulation Jacketing | 13.70 | 2.80 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0658 | LF | 3-1/2" ID, 0.024" Aluminum Insulation Jacketing | 14.12 | 2.86 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0659 | LF | 3-3/4" ID, 0.024" Aluminum Insulation Jacketing | 14.50 | 2.91 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0660 | LF | 4" ID, 0.024" Aluminum Insulation Jacketing | 14.95 | 2.98 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0661 | LF | 4-1/4" ID, 0.024" Aluminum Insulation Jacketing | 15.41 | 3.06 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0662 | LF | 4-1/2" ID, 0.024" Aluminum Insulation Jacketing | 15.92 | 3.13 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0663 | LF | 4-3/4" ID, 0.024" Aluminum Insulation Jacketing | 16.34 | 3.19 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0664 | LF | 5" ID, 0.024" Aluminum Insulation Jacketing | 16.85 | 3.29 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0665 | LF | 5-1/4" ID, 0.024" Aluminum Insulation Jacketing | 17.38 | 3.38 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.10* | |
| 22 07 19 00-0666 | LF | 5-1/2" ID, 0.024" Aluminum Insulation Jacketing | 17.84 | 3.45 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.10* | |
| 22 07 19 00-0667 | LF | 5-3/4" ID, 0.024" Aluminum Insulation Jacketing | 18.42 | 3.55 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0668 | LF | 6" ID, 0.024" Aluminum Insulation Jacketing | 19.01 | 3.65 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.11* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0669 | LF | 6-1/4" ID, 0.024" Aluminum Insulation Jacketing | 19.40 | 3.70 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0670 | LF | 6-1/2" ID, 0.024" Aluminum Insulation Jacketing | 19.80 | 3.76 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.12* | |
| 22 07 19 00-0671 | LF | 7" ID, 0.024" Aluminum Insulation Jacketing | 20.47 | 3.85 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.13* | |
| 22 07 19 00-0672 | LF | 7-1/4" ID, 0.024" Aluminum Insulation Jacketing | 21.01 | 3.94 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.13* | |
| 22 07 19 00-0673 | LF | 7-1/2" ID, 0.024" Aluminum Insulation Jacketing | 21.43 | 4.00 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.14* | |
| 22 07 19 00-0674 | LF | 8" ID, 0.024" Aluminum Insulation Jacketing | 22.07 | 4.07 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.14* | |
| 22 07 19 00-0675 | LF | 8-1/2" ID, 0.024" Aluminum Insulation Jacketing | 22.66 | 4.14 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.15* | |
| 22 07 19 00-0676 | LF | 9" ID, 0.024" Aluminum Insulation Jacketing | 23.43 | 4.24 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.16* | |
| 22 07 19 00-0677 | LF | 9-1/2" ID, 0.024" Aluminum Insulation Jacketing | 24.09 | 4.32 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.17* | |
| 22 07 19 00-0678 | LF | 10" ID, 0.024" Aluminum Insulation Jacketing | 24.74 | 4.39 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.18* | |
| 22 07 19 00-0679 | LF | 10-1/2" ID, 0.024" Aluminum Insulation Jacketing | 25.41 | 4.47 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.19* | |
| 22 07 19 00-0680 | LF | 11" ID, 0.0106 Aluminum Insulation Jacketing | 26.25 | 4.61 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.20* | |
| 22 07 19 00-0681 | LF | 11-1/2" ID, 0.024" Aluminum Insulation Jacketing | 26.96 | 4.69 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.21* | |
| 22 07 19 00-0682 | LF | 12" ID, 0.024" Aluminum Insulation Jacketing | 27.67 | 4.78 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.21* | |
| 22 07 19 00-0683 | LF | 12-1/2" ID, 0.024" Aluminum Insulation Jacketing | 28.58 | 4.93 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.22* | |
| 22 07 19 00-0684 | LF | 13" ID, 0.024" Aluminum Insulation Jacketing | 29.12 | 4.98 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.23* | |
| 22 07 19 00-0685 | LF | 14" ID, 0.024" Aluminum Insulation Jacketing | 30.04 | 5.03 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.25* | |
| 22 07 19 00-0686 | LF | 15" ID, 0.024" Aluminum Insulation Jacketing | 31.13 | 5.13 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.27* | |
| 22 07 19 00-0687 | LF | 16" ID, 0.024" Aluminum Insulation Jacketing | 32.05 | 5.18 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.28* | |
| 22 07 19 00-0688 | LF | 17" ID, 0.024" Aluminum Insulation Jacketing | 33.18 | 5.29 |
| | | *For Stucco Embossed, Add* | *0.12* | |
| | | *For Corrugated, Add* | *0.30* | |
| 22 07 19 00-0689 | LF | 18" ID, 0.024" Aluminum Insulation Jacketing | 33.89 | 5.35 |
| | | *For Stucco Embossed, Add* | *0.12* | |
| | | *For Corrugated, Add* | *0.31* | |
| 22 07 19 00-0690 | LF | 19" ID, 0.024" Aluminum Insulation Jacketing | 35.28 | 5.47 |
| | | *For Stucco Embossed, Add* | *0.13* | |
| | | *For Corrugated, Add* | *0.33* | |
| 22 07 19 00-0691 | LF | 20" ID, 0.024" Aluminum Insulation Jacketing | 36.23 | 5.53 |
| | | *For Stucco Embossed, Add* | *0.14* | |
| | | *For Corrugated, Add* | *0.35* | |
| 22 07 19 00-0692 | LF | 21" ID, 0.024" Aluminum Insulation Jacketing | 37.42 | 5.66 |
| | | *For Stucco Embossed, Add* | *0.15* | |
| | | *For Corrugated, Add* | *0.37* | |
| 22 07 19 00-0693 | LF | 22" ID, 0.024" Aluminum Insulation Jacketing | 38.37 | 5.72 |
| | | *For Stucco Embossed, Add* | *0.15* | |
| | | *For Corrugated, Add* | *0.39* | |
| 22 07 19 00-0694 | LF | 23" ID, 0.024" Aluminum Insulation Jacketing | 39.62 | 5.87 |
| | | *For Stucco Embossed, Add* | *0.16* | |
| | | *For Corrugated, Add* | *0.40* | |
| 22 07 19 00-0695 | LF | 24" ID, 0.024" Aluminum Insulation Jacketing | 40.58 | 5.94 |
| | | *For Stucco Embossed, Add* | *0.17* | |
| | | *For Corrugated, Add* | *0.42* | |

22 07 19 00-0696 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0536)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0697 | LF | 1/2" ID, 0.032" Aluminum Insulation Jacketing | 10.70 | 2.48 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0698 | LF | 3/4" ID, 0.032" Aluminum Insulation Jacketing | 11.16 | 2.54 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0699 | LF | 1" ID, 0.032" Aluminum Insulation Jacketing | 11.63 | 2.60 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0700 | LF | 1-1/4" ID, 0.032" Aluminum Insulation Jacketing | 12.11 | 2.66 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0701 | LF | 1-1/2" ID, 0.032" Aluminum Insulation Jacketing | 12.49 | 2.70 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0702 | LF | 1-3/4" ID, 0.032" Aluminum Insulation Jacketing | 12.89 | 2.74 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0703 | LF | 2" ID, 0.032" Aluminum Insulation Jacketing | 13.35 | 2.80 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0704 | LF | 2-1/4" ID, 0.032" Aluminum Insulation Jacketing | 13.81 | 2.86 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.06* | |
| 22 07 19 00-0705 | LF | 2-1/2" ID, 0.032" Aluminum Insulation Jacketing | 14.31 | 2.92 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0706 | LF | 2-3/4" ID, 0.032" Aluminum Insulation Jacketing | 14.73 | 2.96 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0707 | LF | 3" ID, 0.032" Aluminum Insulation Jacketing | 15.25 | 3.03 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0708 | LF | 3-1/4" ID, 0.032" Aluminum Insulation Jacketing | 15.76 | 3.10 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0709 | LF | 3-1/2" ID, 0.032" Aluminum Insulation Jacketing | 16.27 | 3.17 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0710 | LF | 3-3/4" ID, 0.032" Aluminum Insulation Jacketing | 16.73 | 3.22 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.10* | |
| 22 07 19 00-0711 | LF | 4" ID, 0.032" Aluminum Insulation Jacketing | 17.27 | 3.31 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.10* | |
| 22 07 19 00-0712 | LF | 4-1/4" ID, 0.032" Aluminum Insulation Jacketing | 17.83 | 3.39 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0713 | LF | 4-1/2" ID, 0.032" Aluminum Insulation Jacketing | 18.44 | 3.48 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0714 | LF | 4-3/4" ID, 0.032" Aluminum Insulation Jacketing | 18.94 | 3.55 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.12* | |
| 22 07 19 00-0715 | LF | 5" ID, 0.032" Aluminum Insulation Jacketing | 19.54 | 3.64 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.12* | |
| 22 07 19 00-0716 | LF | 5-1/4" ID, 0.032" Aluminum Insulation Jacketing | 20.18 | 3.74 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.13* | |
| 22 07 19 00-0717 | LF | 5-1/2" ID, 0.032" Aluminum Insulation Jacketing | 20.72 | 3.82 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.14* | |
| 22 07 19 00-0718 | LF | 5-3/4" ID, 0.032" Aluminum Insulation Jacketing | 21.41 | 3.93 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.14* | |
| 22 07 19 00-0719 | LF | 6" ID, 0.032" Aluminum Insulation Jacketing | 22.10 | 4.04 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.15* | |
| 22 07 19 00-0720 | LF | 6-1/4" ID, 0.032" Aluminum Insulation Jacketing | 22.58 | 4.10 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.15* | |
| 22 07 19 00-0721 | LF | 6-1/2" ID, 0.032" Aluminum Insulation Jacketing | 23.06 | 4.16 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.16* | |
| 22 07 19 00-0722 | LF | 7" ID, 0.032" Aluminum Insulation Jacketing | 23.87 | 4.26 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.17* | |
| 22 07 19 00-0723 | LF | 7-1/4" ID, 0.032" Aluminum Insulation Jacketing | 24.51 | 4.36 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.18* | |
| 22 07 19 00-0724 | LF | 7-1/2" ID, 0.032" Aluminum Insulation Jacketing | 25.03 | 4.43 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.18* | |
| 22 07 19 00-0725 | LF | 8" ID, 0.032" Aluminum Insulation Jacketing | 25.80 | 4.51 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0726 | LF | 8-1/2" ID, 0.032" Aluminum Insulation Jacketing | 26.54 | 4.59 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.21* | |
| 22 07 19 00-0727 | LF | 9" ID, 0.032" Aluminum Insulation Jacketing | 27.49 | 4.71 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.22* | |
| 22 07 19 00-0728 | LF | 9-1/2" ID, 0.032" Aluminum Insulation Jacketing | 28.29 | 4.79 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.23* | |
| 22 07 19 00-0729 | LF | 10" ID, 0.032" Aluminum Insulation Jacketing | 29.09 | 4.88 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.24* | |
| 22 07 19 00-0730 | LF | 10-1/2" ID, 0.032" Aluminum Insulation Jacketing | 29.90 | 4.96 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.25* | |
| 22 07 19 00-0731 | LF | 11" ID, 0.0106 Aluminum Insulation Jacketing | 30.93 | 5.10 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.26* | |
| 22 07 19 00-0732 | LF | 11-1/2" ID, 0.032" Aluminum Insulation Jacketing | 31.80 | 5.20 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.28* | |
| 22 07 19 00-0733 | LF | 12" ID, 0.032" Aluminum Insulation Jacketing | 32.65 | 5.30 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.29* | |
| 22 07 19 00-0734 | LF | 12-1/2" ID, 0.032" Aluminum Insulation Jacketing | 33.75 | 5.46 |
| | | *For Stucco Embossed, Add* | *0.12* | |
| | | *For Corrugated, Add* | *0.30* | |
| 22 07 19 00-0735 | LF | 13" ID, 0.032" Aluminum Insulation Jacketing | 34.43 | 5.51 |
| | | *For Stucco Embossed, Add* | *0.12* | |
| | | *For Corrugated, Add* | *0.31* | |
| 22 07 19 00-0736 | LF | 14" ID, 0.032" Aluminum Insulation Jacketing | 35.61 | 5.57 |
| | | *For Stucco Embossed, Add* | *0.13* | |
| | | *For Corrugated, Add* | *0.33* | |
| 22 07 19 00-0737 | LF | 15" ID, 0.032" Aluminum Insulation Jacketing | 36.99 | 5.68 |
| | | *For Stucco Embossed, Add* | *0.14* | |
| | | *For Corrugated, Add* | *0.36* | |
| 22 07 19 00-0738 | LF | 16" ID, 0.032" Aluminum Insulation Jacketing | 38.17 | 5.74 |
| | | *For Stucco Embossed, Add* | *0.15* | |
| | | *For Corrugated, Add* | *0.38* | |
| 22 07 19 00-0739 | LF | 17" ID, 0.032" Aluminum Insulation Jacketing | 39.58 | 5.87 |
| | | *For Stucco Embossed, Add* | *0.16* | |
| | | *For Corrugated, Add* | *0.40* | |
| 22 07 19 00-0740 | LF | 18" ID, 0.032" Aluminum Insulation Jacketing | 40.47 | 5.94 |
| | | *For Stucco Embossed, Add* | *0.17* | |
| | | *For Corrugated, Add* | *0.42* | |
| 22 07 19 00-0741 | LF | 19" ID, 0.032" Aluminum Insulation Jacketing | 42.23 | 6.07 |
| | | *For Stucco Embossed, Add* | *0.18* | |
| | | *For Corrugated, Add* | *0.45* | |
| 22 07 19 00-0742 | LF | 20" ID, 0.032" Aluminum Insulation Jacketing | 43.45 | 6.14 |
| | | *For Stucco Embossed, Add* | *0.19* | |
| | | *For Corrugated, Add* | *0.47* | |
| 22 07 19 00-0743 | LF | 21" ID, 0.032" Aluminum Insulation Jacketing | 44.92 | 6.28 |
| | | *For Stucco Embossed, Add* | *0.20* | |
| | | *For Corrugated, Add* | *0.50* | |
| 22 07 19 00-0744 | LF | 22" ID, 0.032" Aluminum Insulation Jacketing | 46.14 | 6.35 |
| | | *For Stucco Embossed, Add* | *0.21* | |
| | | *For Corrugated, Add* | *0.52* | |
| 22 07 19 00-0745 | LF | 23" ID, 0.032" Aluminum Insulation Jacketing | 47.69 | 6.50 |
| | | *For Stucco Embossed, Add* | *0.22* | |
| | | *For Corrugated, Add* | *0.54* | |
| 22 07 19 00-0746 | LF | 24" ID, 0.032" Aluminum Insulation Jacketing | 48.91 | 6.58 |
| | | *For Stucco Embossed, Add* | *0.23* | |
| | | *For Corrugated, Add* | *0.57* | |

22 07 19 00-0747 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0536)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0748 | LF | 1/2" ID, 0.040" Aluminum Insulation Jacketing | 12.39 | 2.85 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.02* | |
| 22 07 19 00-0749 | LF | 3/4" ID, 0.040" Aluminum Insulation Jacketing | 12.94 | 2.92 |
| | | *For Stucco Embossed, Add* | *0.01* | |
| | | *For Corrugated, Add* | *0.03* | |
| 22 07 19 00-0750 | LF | 1" ID, 0.040" Aluminum Insulation Jacketing | 13.51 | 2.99 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.04* | |
| 22 07 19 00-0751 | LF | 1-1/4" ID, 0.040" Aluminum Insulation Jacketing | 14.08 | 3.06 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0752 | LF | 1-1/2" ID, 0.040" Aluminum Insulation Jacketing | 14.56 | 3.10 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.05* | |
| 22 07 19 00-0753 | LF | 1-3/4" ID, 0.040" Aluminum Insulation Jacketing | 15.03 | 3.15 |
| | | *For Stucco Embossed, Add* | *0.02* | |
| | | *For Corrugated, Add* | *0.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0754 | LF | 2" ID, 0.040" Aluminum Insulation Jacketing | 15.58 | 3.22 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0755 | LF | 2-1/4" ID, 0.040" Aluminum Insulation Jacketing | 16.14 | 3.29 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.07* | |
| 22 07 19 00-0756 | LF | 2-1/2" ID, 0.040" Aluminum Insulation Jacketing | 16.74 | 3.36 |
| | | *For Stucco Embossed, Add* | *0.03* | |
| | | *For Corrugated, Add* | *0.08* | |
| 22 07 19 00-0757 | LF | 2-3/4" ID, 0.040" Aluminum Insulation Jacketing | 17.25 | 3.42 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.09* | |
| 22 07 19 00-0758 | LF | 3" ID, 0.040" Aluminum Insulation Jacketing | 17.88 | 3.49 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.10* | |
| 22 07 19 00-0759 | LF | 3-1/4" ID, 0.040" Aluminum Insulation Jacketing | 18.48 | 3.57 |
| | | *For Stucco Embossed, Add* | *0.04* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0760 | LF | 3-1/2" ID, 0.040" Aluminum Insulation Jacketing | 19.10 | 3.65 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.11* | |
| 22 07 19 00-0761 | LF | 3-3/4" ID, 0.040" Aluminum Insulation Jacketing | 19.64 | 3.72 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.12* | |
| 22 07 19 00-0762 | LF | 4" ID, 0.040" Aluminum Insulation Jacketing | 20.29 | 3.81 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.13* | |
| 22 07 19 00-0763 | LF | 4-1/4" ID, 0.040" Aluminum Insulation Jacketing | 20.96 | 3.90 |
| | | *For Stucco Embossed, Add* | *0.05* | |
| | | *For Corrugated, Add* | *0.13* | |
| 22 07 19 00-0764 | LF | 4-1/2" ID, 0.040" Aluminum Insulation Jacketing | 21.67 | 4.00 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.14* | |
| 22 07 19 00-0765 | LF | 4-3/4" ID, 0.040" Aluminum Insulation Jacketing | 22.28 | 4.08 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.15* | |
| 22 07 19 00-0766 | LF | 5" ID, 0.040" Aluminum Insulation Jacketing | 23.00 | 4.18 |
| | | *For Stucco Embossed, Add* | *0.06* | |
| | | *For Corrugated, Add* | *0.16* | |
| 22 07 19 00-0767 | LF | 5-1/4" ID, 0.040" Aluminum Insulation Jacketing | 23.75 | 4.30 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.16* | |
| 22 07 19 00-0768 | LF | 5-1/2" ID, 0.040" Aluminum Insulation Jacketing | 24.40 | 4.39 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.17* | |
| 22 07 19 00-0769 | LF | 5-3/4" ID, 0.040" Aluminum Insulation Jacketing | 25.23 | 4.51 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.18* | |
| 22 07 19 00-0770 | LF | 6" ID, 0.040" Aluminum Insulation Jacketing | 26.05 | 4.66 |
| | | *For Stucco Embossed, Add* | *0.07* | |
| | | *For Corrugated, Add* | *0.19* | |
| 22 07 19 00-0771 | LF | 6-1/4" ID, 0.040" Aluminum Insulation Jacketing | 26.62 | 4.72 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.19* | |
| 22 07 19 00-0772 | LF | 6-1/2" ID, 0.040" Aluminum Insulation Jacketing | 27.19 | 4.80 |
| | | *For Stucco Embossed, Add* | *0.08* | |
| | | *For Corrugated, Add* | *0.20* | |
| 22 07 19 00-0773 | LF | 7" ID, 0.040" Aluminum Insulation Jacketing | 28.18 | 4.91 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.21* | |
| 22 07 19 00-0774 | LF | 7-1/4" ID, 0.040" Aluminum Insulation Jacketing | 28.95 | 5.02 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.22* | |
| 22 07 19 00-0775 | LF | 7-1/2" ID, 0.040" Aluminum Insulation Jacketing | 29.56 | 5.11 |
| | | *For Stucco Embossed, Add* | *0.09* | |
| | | *For Corrugated, Add* | *0.23* | |
| 22 07 19 00-0776 | LF | 8" ID, 0.040" Aluminum Insulation Jacketing | 30.48 | 5.19 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.24* | |
| 22 07 19 00-0777 | LF | 8-1/2" ID, 0.040" Aluminum Insulation Jacketing | 31.39 | 5.28 |
| | | *For Stucco Embossed, Add* | *0.10* | |
| | | *For Corrugated, Add* | *0.26* | |
| 22 07 19 00-0778 | LF | 9" ID, 0.040" Aluminum Insulation Jacketing | 32.51 | 5.41 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.27* | |
| 22 07 19 00-0779 | LF | 9-1/2" ID, 0.040" Aluminum Insulation Jacketing | 33.50 | 5.51 |
| | | *For Stucco Embossed, Add* | *0.11* | |
| | | *For Corrugated, Add* | *0.29* | |
| 22 07 19 00-0780 | LF | 10" ID, 0.040" Aluminum Insulation Jacketing | 34.47 | 5.60 |
| | | *For Stucco Embossed, Add* | *0.12* | |
| | | *For Corrugated, Add* | *0.30* | |
| 22 07 19 00-0781 | LF | 10-1/2" ID, 0.040" Aluminum Insulation Jacketing | 35.46 | 5.70 |
| | | *For Stucco Embossed, Add* | *0.13* | |
| | | *For Corrugated, Add* | *0.32* | |
| 22 07 19 00-0782 | LF | 11" ID, 0.0106 Aluminum Insulation Jacketing | 36.67 | 5.87 |
| | | *For Stucco Embossed, Add* | *0.13* | |
| | | *For Corrugated, Add* | *0.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0783 | LF | 11-1/2" ID, 0.040" Aluminum Insulation Jacketing | 37.72 | 5.98 |
| | | *For Stucco Embossed, Add* | *0.14* | |
| | | *For Corrugated, Add* | *0.35* | |
| 22 07 19 00-0784 | LF | 12" ID, 0.040" Aluminum Insulation Jacketing | 38.78 | 6.10 |
| | | *For Stucco Embossed, Add* | *0.14* | |
| | | *For Corrugated, Add* | *0.36* | |
| 22 07 19 00-0785 | LF | 12-1/2" ID, 0.040" Aluminum Insulation Jacketing | 40.07 | 6.28 |
| | | *For Stucco Embossed, Add* | *0.15* | |
| | | *For Corrugated, Add* | *0.37* | |
| 22 07 19 00-0786 | LF | 13" ID, 0.040" Aluminum Insulation Jacketing | 40.91 | 6.34 |
| | | *For Stucco Embossed, Add* | *0.16* | |
| | | *For Corrugated, Add* | *0.39* | |
| 22 07 19 00-0787 | LF | 14" ID, 0.040" Aluminum Insulation Jacketing | 42.36 | 6.41 |
| | | *For Stucco Embossed, Add* | *0.17* | |
| | | *For Corrugated, Add* | *0.42* | |
| 22 07 19 00-0788 | LF | 15" ID, 0.040" Aluminum Insulation Jacketing | 44.04 | 6.54 |
| | | *For Stucco Embossed, Add* | *0.18* | |
| | | *For Corrugated, Add* | *0.45* | |
| 22 07 19 00-0789 | LF | 16" ID, 0.040" Aluminum Insulation Jacketing | 45.49 | 6.61 |
| | | *For Stucco Embossed, Add* | *0.19* | |
| | | *For Corrugated, Add* | *0.48* | |
| 22 07 19 00-0790 | LF | 17" ID, 0.040" Aluminum Insulation Jacketing | 47.22 | 6.75 |
| | | *For Stucco Embossed, Add* | *0.20* | |
| | | *For Corrugated, Add* | *0.51* | |
| 22 07 19 00-0791 | LF | 18" ID, 0.040" Aluminum Insulation Jacketing | 48.31 | 6.82 |
| | | *For Stucco Embossed, Add* | *0.21* | |
| | | *For Corrugated, Add* | *0.53* | |
| 22 07 19 00-0792 | LF | 19" ID, 0.040" Aluminum Insulation Jacketing | 50.46 | 6.97 |
| | | *For Stucco Embossed, Add* | *0.23* | |
| | | *For Corrugated, Add* | *0.56* | |
| 22 07 19 00-0793 | LF | 20" ID, 0.040" Aluminum Insulation Jacketing | 51.96 | 7.05 |
| | | *For Stucco Embossed, Add* | *0.24* | |
| | | *For Corrugated, Add* | *0.59* | |
| 22 07 19 00-0794 | LF | 21" ID, 0.040" Aluminum Insulation Jacketing | 53.76 | 7.22 |
| | | *For Stucco Embossed, Add* | *0.25* | |
| | | *For Corrugated, Add* | *0.62* | |
| 22 07 19 00-0795 | LF | 22" ID, 0.040" Aluminum Insulation Jacketing | 55.25 | 7.30 |
| | | *For Stucco Embossed, Add* | *0.26* | |
| | | *For Corrugated, Add* | *0.65* | |
| 22 07 19 00-0796 | LF | 23" ID, 0.040" Aluminum Insulation Jacketing | 57.13 | 7.48 |
| | | *For Stucco Embossed, Add* | *0.27* | |
| | | *For Corrugated, Add* | *0.68* | |
| 22 07 19 00-0797 | LF | 24" ID, 0.040" Aluminum Insulation Jacketing | 58.64 | 7.57 |
| | | *For Stucco Embossed, Add* | *0.28* | |
| | | *For Corrugated, Add* | *0.71* | |

## 22 07 19 00-0798 Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0536)*

| | | | | |
|---|---|---|---|---|
| 22 07 19 00-0799 | EA | 1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 17.43 | 2.93 |
| 22 07 19 00-0800 | EA | 1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 17.86 | 3.04 |
| 22 07 19 00-0801 | EA | 2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 19.81 | 3.15 |
| 22 07 19 00-0802 | EA | 2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 20.01 | 3.20 |
| 22 07 19 00-0803 | EA | 2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 20.21 | 3.26 |
| 22 07 19 00-0804 | EA | 2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 20.52 | 3.34 |
| 22 07 19 00-0805 | EA | 3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 21.46 | 3.42 |
| 22 07 19 00-0806 | EA | 3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 21.81 | 3.51 |
| 22 07 19 00-0807 | EA | 3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 23.47 | 3.57 |
| 22 07 19 00-0808 | EA | 3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 23.96 | 3.63 |
| 22 07 19 00-0809 | EA | 4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 24.81 | 3.73 |
| 22 07 19 00-0810 | EA | 4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 25.36 | 3.80 |
| 22 07 19 00-0811 | EA | 4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 25.65 | 3.87 |
| 22 07 19 00-0812 | EA | 4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 25.94 | 3.95 |
| 22 07 19 00-0813 | EA | 5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 27.54 | 4.02 |
| 22 07 19 00-0814 | EA | 5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 29.63 | 4.10 |
| 22 07 19 00-0815 | EA | 5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 33.37 | 4.23 |
| 22 07 19 00-0816 | EA | 5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 33.73 | 4.32 |
| 22 07 19 00-0817 | EA | 6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 31.88 | 4.46 |
| 22 07 19 00-0818 | EA | 6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 32.28 | 4.56 |
| 22 07 19 00-0819 | EA | 6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 35.77 | 4.72 |
| 22 07 19 00-0820 | EA | 7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 39.82 | 4.83 |
| 22 07 19 00-0821 | EA | 7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 40.05 | 4.89 |
| 22 07 19 00-0822 | EA | 7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 49.94 | 4.95 |
| 22 07 19 00-0823 | EA | 8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 42.50 | 5.01 |
| 22 07 19 00-0824 | EA | 8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 62.08 | 5.13 |
| 22 07 19 00-0825 | EA | 9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 62.60 | 5.26 |
| 22 07 19 00-0826 | EA | 9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 51.88 | 5.33 |
| 22 07 19 00-0827 | EA | 10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 52.17 | 5.40 |
| 22 07 19 00-0828 | EA | 10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 53.12 | 5.47 |
| 22 07 19 00-0829 | EA | 11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 53.41 | 5.54 |
| 22 07 19 00-0830 | EA | 11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 58.30 | 5.70 |
| 22 07 19 00-0831 | EA | 12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 58.62 | 5.78 |
| 22 07 19 00-0832 | EA | 12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 86.99 | 5.95 |
| 22 07 19 00-0833 | EA | 13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 87.34 | 6.04 |
| 22 07 19 00-0834 | EA | 14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 109.62 | 6.22 |
| 22 07 19 00-0835 | EA | 15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 114.25 | 6.41 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0836 | EA | 16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing | 122.71 | 6.51 |
| 22 07 19 00-0837 | EA | 2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 18.96 | 3.26 |
| 22 07 19 00-0838 | EA | 2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 19.27 | 3.34 |
| 22 07 19 00-0839 | EA | 3" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 20.38 | 3.42 |
| 22 07 19 00-0840 | EA | 3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 20.73 | 3.51 |
| 22 07 19 00-0841 | EA | 3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing | 21.91 | 3.57 |
| 22 07 19 00-0842 | EA | 3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 22.16 | 3.63 |
| 22 07 19 00-0843 | EA | 4" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 22.70 | 3.73 |
| 22 07 19 00-0844 | EA | 4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 24.07 | 3.80 |
| 22 07 19 00-0845 | EA | 4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 24.36 | 3.87 |
| 22 07 19 00-0846 | EA | 4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 24.65 | 3.95 |
| 22 07 19 00-0847 | EA | 5" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 26.50 | 4.02 |
| 22 07 19 00-0848 | EA | 5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 26.83 | 4.10 |
| 22 07 19 00-0849 | EA | 5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 27.84 | 4.23 |
| 22 07 19 00-0850 | EA | 6" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 28.76 | 4.46 |
| 22 07 19 00-0851 | EA | 6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 33.95 | 4.72 |
| 22 07 19 00-0852 | EA | 7" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 34.39 | 4.83 |
| 22 07 19 00-0853 | EA | 7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 34.99 | 4.95 |
| 22 07 19 00-0854 | EA | 8" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 35.23 | 5.01 |
| 22 07 19 00-0855 | EA | 8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 39.45 | 5.13 |
| 22 07 19 00-0856 | EA | 9" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 39.97 | 5.26 |
| 22 07 19 00-0857 | EA | 9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 47.58 | 5.33 |
| 22 07 19 00-0858 | EA | 10" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 47.87 | 5.40 |
| 22 07 19 00-0859 | EA | 10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 46.46 | 5.47 |
| 22 07 19 00-0860 | EA | 11" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 46.75 | 5.54 |
| 22 07 19 00-0861 | EA | 11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 52.32 | 5.70 |
| 22 07 19 00-0862 | EA | 12" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 52.64 | 5.78 |
| 22 07 19 00-0863 | EA | 13" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 58.79 | 6.04 |
| 22 07 19 00-0864 | EA | 14" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 67.39 | 6.22 |
| 22 07 19 00-0865 | EA | 15" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 91.15 | 6.41 |
| 22 07 19 00-0866 | EA | 16" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 97.07 | 6.51 |
| 22 07 19 00-0867 | EA | 17" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 95.81 | 6.62 |
| 22 07 19 00-0868 | EA | 18" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 106.00 | 6.73 |
| 22 07 19 00-0869 | EA | 19" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 123.97 | 6.84 |
| 22 07 19 00-0870 | EA | 20" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 121.25 | 6.95 |
| 22 07 19 00-0871 | EA | 21" ID, Aluminum 45 Degree Elbow Insulation Jacketing | 129.16 | 7.07 |
| 22 07 19 00-0872 | EA | 2-1/2" ID, Aluminum Tee Insulation Jacketing | 59.37 | 4.67 |
| 22 07 19 00-0873 | EA | 2-3/4" ID, Aluminum Tee Insulation Jacketing | 59.81 | 4.78 |
| 22 07 19 00-0874 | EA | 3" ID, Aluminum Tee Insulation Jacketing | 65.54 | 4.89 |
| 22 07 19 00-0875 | EA | 3-1/4" ID, Aluminum Tee Insulation Jacketing | 66.01 | 5.01 |
| 22 07 19 00-0876 | EA | 3-1/2" ID Aluminum Tee Insulation Jacketing | 68.73 | 5.13 |
| 22 07 19 00-0877 | EA | 4" ID, Aluminum Tee Insulation Jacketing | 69.77 | 5.26 |
| 22 07 19 00-0878 | EA | 4-1/4" ID, Aluminum Tee Insulation Jacketing | 73.14 | 5.40 |
| 22 07 19 00-0879 | EA | 4-1/2" ID, Aluminum Tee Insulation Jacketing | 73.29 | 5.54 |
| 22 07 19 00-0880 | EA | 4-3/4" ID, Aluminum Tee Insulation Jacketing | 73.91 | 5.70 |
| 22 07 19 00-0881 | EA | 5" ID, Aluminum Tee Insulation Jacketing | 76.47 | 5.87 |
| 22 07 19 00-0882 | EA | 5-1/4" ID, Aluminum Tee Insulation Jacketing | 77.16 | 6.04 |
| 22 07 19 00-0883 | EA | 5-1/2" ID, Aluminum Tee Insulation Jacketing | 80.24 | 6.22 |
| 22 07 19 00-0884 | EA | 6" ID, Aluminum Tee Insulation Jacketing | 81.02 | 6.41 |
| 22 07 19 00-0885 | EA | 6-1/2" ID, Aluminum Tee Insulation Jacketing | 88.18 | 6.84 |
| 22 07 19 00-0886 | EA | 7" ID, Aluminum Tee Insulation Jacketing | 89.12 | 7.07 |
| 22 07 19 00-0887 | EA | 7-1/2" ID, Aluminum Tee Insulation Jacketing | 96.96 | 7.33 |
| 22 07 19 00-0888 | EA | 8" ID, Aluminum Tee Insulation Jacketing | 98.03 | 7.60 |
| 22 07 19 00-0889 | EA | 8-1/2" ID, Aluminum Tee Insulation Jacketing | 100.98 | 7.89 |
| 22 07 19 00-0890 | EA | 9" ID, Aluminum Tee Insulation Jacketing | 102.25 | 8.20 |
| 22 07 19 00-0891 | EA | 9-1/2" ID, Aluminum Tee Insulation Jacketing | 85.02 | 8.37 |
| 22 07 19 00-0892 | EA | 10" ID, Aluminum Tee Insulation Jacketing | 85.71 | 8.55 |
| 22 07 19 00-0893 | EA | 10-1/2" ID, Aluminum Tee Insulation Jacketing | 89.81 | 8.73 |
| 22 07 19 00-0894 | EA | 11" ID, Aluminum Tee Insulation Jacketing | 90.57 | 8.92 |
| 22 07 19 00-0895 | EA | 11-1/2" ID, Aluminum Tee Insulation Jacketing | 94.35 | 9.12 |
| 22 07 19 00-0896 | EA | 12" ID, Aluminum Tee Insulation Jacketing | 95.18 | 9.33 |
| 22 07 19 00-0897 | EA | 13" ID, Aluminum Tee Insulation Jacketing | 98.92 | 9.54 |
| 22 07 19 00-0898 | EA | 14" ID, Aluminum Tee Insulation Jacketing | 102.81 | 9.78 |
| 22 07 19 00-0899 | EA | 15" ID, Aluminum Tee Insulation Jacketing | 108.97 | 10.01 |
| 22 07 19 00-0900 | EA | 16" ID, Aluminum Tee Insulation Jacketing | 111.70 | 10.26 |
| 22 07 19 00-0901 | EA | 17" ID, Aluminum Tee Insulation Jacketing | 123.33 | 10.52 |
| 22 07 19 00-0902 | EA | 18" ID, Aluminum Tee Insulation Jacketing | 127.59 | 10.80 |
| 22 07 19 00-0903 | EA | 19" ID, Aluminum Tee Insulation Jacketing | 137.69 | 11.10 |
| 22 07 19 00-0904 | EA | 20" ID, Aluminum Tee Insulation Jacketing | 140.97 | 11.40 |
| 22 07 19 00-0905 | EA | 22" ID, Aluminum Tee Insulation Jacketing | 168.22 | 11.72 |
| 22 07 19 00-0906 | EA | 23" ID, Aluminum Tee Insulation Jacketing | 172.97 | 12.07 |
| 22 07 19 00-0907 | EA | 24" ID, Aluminum Tee Insulation Jacketing | 180.89 | 13.24 |
| 22 07 19 00-0908 | | Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0535)* | | |
| 22 07 19 00-0909 | | Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0908)* | | |
| 22 07 19 00-0910 | SF | 0.010" Stainless Steel Insulation Jacket With Bands | 19.13 | 7.70 |
| 22 07 19 00-0911 | SF | 0.016" Stainless Steel Insulation Jacket With Bands | 23.46 | 9.23 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0912 | | 10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0908)* | | |
| 22 07 19 00-0913 | LF | 2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 10.17 | 1.64 |
| 22 07 19 00-0914 | LF | 2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing | 10.62 | 1.67 |
| 22 07 19 00-0915 | LF | 3" ID, 0.010" Stainless Steel Insulation Jacketing | 11.07 | 1.71 |
| 22 07 19 00-0916 | LF | 3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing | 11.54 | 1.74 |
| 22 07 19 00-0917 | LF | 3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 12.02 | 1.78 |
| 22 07 19 00-0918 | LF | 3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing | 12.50 | 1.82 |
| 22 07 19 00-0919 | LF | 4" ID, 0.010" Stainless Steel Insulation Jacketing | 12.98 | 1.86 |
| 22 07 19 00-0920 | LF | 4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing | 13.48 | 1.90 |
| 22 07 19 00-0921 | LF | 4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 13.97 | 1.96 |
| 22 07 19 00-0922 | LF | 5" ID, 0.010" Stainless Steel Insulation Jacketing | 15.00 | 2.06 |
| 22 07 19 00-0923 | LF | 5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 16.08 | 2.16 |
| 22 07 19 00-0924 | LF | 6" ID, 0.010" Stainless Steel Insulation Jacketing | 17.19 | 2.28 |
| 22 07 19 00-0925 | LF | 6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 18.09 | 2.35 |
| 22 07 19 00-0926 | LF | 7" ID, 0.010" Stainless Steel Insulation Jacketing | 19.01 | 2.42 |
| 22 07 19 00-0927 | LF | 7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 20.00 | 2.50 |
| 22 07 19 00-0928 | LF | 8" ID, 0.010" Stainless Steel Insulation Jacketing | 20.83 | 2.55 |
| 22 07 19 00-0929 | LF | 8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 21.66 | 2.60 |
| 22 07 19 00-0930 | LF | 9" ID, 0.010" Stainless Steel Insulation Jacketing | 22.50 | 2.65 |
| 22 07 19 00-0931 | LF | 9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 23.35 | 2.70 |
| 22 07 19 00-0932 | LF | 10" ID, 0.010" Stainless Steel Insulation Jacketing | 24.21 | 2.75 |
| 22 07 19 00-0933 | LF | 10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing | 25.08 | 2.81 |
| 22 07 19 00-0934 | LF | 11" ID, 0.010" Stainless Steel Insulation Jacketing | 25.95 | 2.87 |
| 22 07 19 00-0935 | LF | 12" ID, 0.010" Stainless Steel Insulation Jacketing | 27.72 | 2.99 |
| 22 07 19 00-0936 | LF | 13" ID, 0.010" Stainless Steel Insulation Jacketing | 29.47 | 3.10 |
| 22 07 19 00-0937 | LF | 14" ID, 0.010" Stainless Steel Insulation Jacketing | 30.93 | 3.15 |
| 22 07 19 00-0938 | | 16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0908)* | | |
| 22 07 19 00-0939 | LF | 2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 13.96 | 2.19 |
| 22 07 19 00-0940 | LF | 2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing | 14.59 | 2.23 |
| 22 07 19 00-0941 | LF | 3" ID, 0.016" Stainless Steel Insulation Jacketing | 15.24 | 2.28 |
| 22 07 19 00-0942 | LF | 3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing | 15.91 | 2.32 |
| 22 07 19 00-0943 | LF | 3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 16.57 | 2.37 |
| 22 07 19 00-0944 | LF | 3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing | 17.24 | 2.43 |
| 22 07 19 00-0945 | LF | 4" ID, 0.016" Stainless Steel Insulation Jacketing | 17.93 | 2.48 |
| 22 07 19 00-0946 | LF | 4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing | 18.62 | 2.54 |
| 22 07 19 00-0947 | LF | 4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 19.32 | 2.60 |
| 22 07 19 00-0948 | LF | 5" ID, 0.016" Stainless Steel Insulation Jacketing | 20.77 | 2.73 |
| 22 07 19 00-0949 | LF | 5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 22.28 | 2.87 |
| 22 07 19 00-0950 | LF | 6" ID, 0.016" Stainless Steel Insulation Jacketing | 23.84 | 3.03 |
| 22 07 19 00-0951 | LF | 6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 25.11 | 3.11 |
| 22 07 19 00-0952 | LF | 7" ID, 0.016" Stainless Steel Insulation Jacketing | 26.41 | 3.21 |
| 22 07 19 00-0953 | LF | 7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 27.80 | 3.33 |
| 22 07 19 00-0954 | LF | 8" ID, 0.016" Stainless Steel Insulation Jacketing | 28.97 | 3.39 |
| 22 07 19 00-0955 | LF | 8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 30.16 | 3.46 |
| 22 07 19 00-0956 | LF | 9" ID, 0.016" Stainless Steel Insulation Jacketing | 31.37 | 3.52 |
| 22 07 19 00-0957 | LF | 9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 32.56 | 3.59 |
| 22 07 19 00-0958 | LF | 10" ID, 0.016" Stainless Steel Insulation Jacketing | 33.77 | 3.66 |
| 22 07 19 00-0959 | LF | 10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing | 35.02 | 3.74 |
| 22 07 19 00-0960 | LF | 11" ID, 0.0106 Stainless Steel Insulation Jacketing | 36.25 | 3.82 |
| 22 07 19 00-0961 | LF | 12" ID, 0.016" Stainless Steel Insulation Jacketing | 38.75 | 3.98 |
| 22 07 19 00-0962 | LF | 13" ID, 0.016" Stainless Steel Insulation Jacketing | 41.23 | 4.13 |
| 22 07 19 00-0963 | LF | 14" ID, 0.016" Stainless Steel Insulation Jacketing | 43.32 | 4.20 |
| 22 07 19 00-0964 | | Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0908)* | | |
| 22 07 19 00-0965 | EA | 2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 28.92 | 3.26 |
| 22 07 19 00-0966 | EA | 2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 29.23 | 3.34 |
| 22 07 19 00-0967 | EA | 3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 30.30 | 3.42 |
| 22 07 19 00-0968 | EA | 3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 30.65 | 3.51 |
| 22 07 19 00-0969 | EA | 3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 31.73 | 3.57 |
| 22 07 19 00-0970 | EA | 3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 32.97 | 3.63 |
| 22 07 19 00-0971 | EA | 4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 35.21 | 3.73 |
| 22 07 19 00-0972 | EA | 4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 42.16 | 3.80 |
| 22 07 19 00-0973 | EA | 4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 42.45 | 3.87 |
| 22 07 19 00-0974 | EA | 5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 43.67 | 4.02 |
| 22 07 19 00-0975 | EA | 5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 58.03 | 4.23 |
| 22 07 19 00-0976 | EA | 6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 62.97 | 4.46 |
| 22 07 19 00-0977 | EA | 6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 80.98 | 4.72 |
| 22 07 19 00-0978 | EA | 7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 81.42 | 4.83 |
| 22 07 19 00-0979 | EA | 7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 92.30 | 4.95 |
| 22 07 19 00-0980 | EA | 8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 93.05 | 5.13 |
| 22 07 19 00-0981 | EA | 8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 95.51 | 5.13 |
| 22 07 19 00-0982 | EA | 9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 135.11 | 5.26 |
| 22 07 19 00-0983 | EA | 9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 133.39 | 5.33 |
| 22 07 19 00-0984 | EA | 10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 133.68 | 5.40 |
| 22 07 19 00-0985 | EA | 10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 156.00 | 5.47 |
| 22 07 19 00-0986 | EA | 11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 150.19 | 5.54 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-0987 | EA | 12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 168.45 | 5.78 |
| 22 07 19 00-0988 | EA | 13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 225.49 | 6.04 |
| 22 07 19 00-0989 | EA | 14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing | 227.59 | 6.22 |
| 22 07 19 00-0990 | EA | 2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 26.28 | 3.26 |
| 22 07 19 00-0991 | EA | 2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 26.59 | 3.34 |
| 22 07 19 00-0992 | EA | 3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 27.93 | 3.42 |
| 22 07 19 00-0993 | EA | 3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 28.28 | 3.51 |
| 22 07 19 00-0994 | EA | 3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing | 28.70 | 3.57 |
| 22 07 19 00-0995 | EA | 3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 28.95 | 3.63 |
| 22 07 19 00-0996 | EA | 4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 33.48 | 3.73 |
| 22 07 19 00-0997 | EA | 4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 41.24 | 3.80 |
| 22 07 19 00-0998 | EA | 4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 41.53 | 3.87 |
| 22 07 19 00-0999 | EA | 4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 41.82 | 3.95 |
| 22 07 19 00-1000 | EA | 5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 42.58 | 4.02 |
| 22 07 19 00-1001 | EA | 5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 43.41 | 4.23 |
| 22 07 19 00-1002 | EA | 6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 49.26 | 4.46 |
| 22 07 19 00-1003 | EA | 6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 50.29 | 4.72 |
| 22 07 19 00-1004 | EA | 7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 72.47 | 4.83 |
| 22 07 19 00-1005 | EA | 7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 74.02 | 4.95 |
| 22 07 19 00-1006 | EA | 8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 74.26 | 5.01 |
| 22 07 19 00-1007 | EA | 8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 84.01 | 5.13 |
| 22 07 19 00-1008 | EA | 9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 84.53 | 5.26 |
| 22 07 19 00-1009 | EA | 9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 95.85 | 5.33 |
| 22 07 19 00-1010 | EA | 10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 96.14 | 5.40 |
| 22 07 19 00-1011 | EA | 10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 111.47 | 5.47 |
| 22 07 19 00-1012 | EA | 11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 111.76 | 5.54 |
| 22 07 19 00-1013 | EA | 12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 120.40 | 5.78 |
| 22 07 19 00-1014 | EA | 13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing | 138.61 | 6.04 |
| 22 07 19 00-1015 | | Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0535)* | | |
| 22 07 19 00-1016 | | 20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-1015)* | | |
| 22 07 19 00-1017 | LF | 1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 7.09 | 1.52 |
| 22 07 19 00-1018 | LF | 2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 7.65 | 1.58 |
| 22 07 19 00-1019 | LF | 2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 8.17 | 1.64 |
| 22 07 19 00-1020 | LF | 3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 8.77 | 1.71 |
| 22 07 19 00-1021 | LF | 3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 9.32 | 1.78 |
| 22 07 19 00-1022 | LF | 4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 9.94 | 1.86 |
| 22 07 19 00-1023 | LF | 4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 10.59 | 1.96 |
| 22 07 19 00-1024 | LF | 5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 11.22 | 2.06 |
| 22 07 19 00-1025 | LF | 5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 11.96 | 2.16 |
| 22 07 19 00-1026 | LF | 6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 12.73 | 2.28 |
| 22 07 19 00-1027 | LF | 6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 13.29 | 2.35 |
| 22 07 19 00-1028 | LF | 7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 13.81 | 2.42 |
| 22 07 19 00-1029 | LF | 7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 14.50 | 2.50 |
| 22 07 19 00-1030 | LF | 8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 14.95 | 2.55 |
| 22 07 19 00-1031 | LF | 8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 15.43 | 2.60 |
| 22 07 19 00-1032 | LF | 9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 15.92 | 2.65 |
| 22 07 19 00-1033 | LF | 9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 16.43 | 2.70 |
| 22 07 19 00-1034 | LF | 10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 16.90 | 2.75 |
| 22 07 19 00-1035 | LF | 10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 17.42 | 2.81 |
| 22 07 19 00-1036 | LF | 11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 17.95 | 2.87 |
| 22 07 19 00-1037 | LF | 11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 18.49 | 2.93 |
| 22 07 19 00-1038 | LF | 12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 18.99 | 2.99 |
| 22 07 19 00-1039 | LF | 12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 19.60 | 3.06 |
| 22 07 19 00-1040 | LF | 13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 20.04 | 3.10 |
| 22 07 19 00-1041 | LF | 13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 20.34 | 3.10 |
| 22 07 19 00-1042 | LF | 14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 20.82 | 3.15 |
| 22 07 19 00-1043 | LF | 15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 21.61 | 3.20 |
| 22 07 19 00-1044 | LF | 16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 22.35 | 3.26 |
| 22 07 19 00-1045 | LF | 17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 23.15 | 3.31 |
| 22 07 19 00-1046 | LF | 18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 23.95 | 3.37 |
| 22 07 19 00-1047 | LF | 19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 24.73 | 3.42 |
| 22 07 19 00-1048 | LF | 20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 25.54 | 3.48 |
| 22 07 19 00-1049 | LF | 21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 26.33 | 3.54 |
| 22 07 19 00-1050 | LF | 22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 27.17 | 3.60 |
| 22 07 19 00-1051 | LF | 23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 27.96 | 3.67 |
| 22 07 19 00-1052 | LF | 24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 28.83 | 3.73 |
| 22 07 19 00-1053 | LF | 25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 29.69 | 3.80 |
| 22 07 19 00-1054 | LF | 26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 30.53 | 3.87 |
| 22 07 19 00-1055 | LF | 27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 31.40 | 3.95 |
| 22 07 19 00-1056 | LF | 28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 32.26 | 4.02 |
| 22 07 19 00-1057 | LF | 29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 33.18 | 4.10 |
| 22 07 19 00-1058 | LF | 30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing | 34.10 | 4.19 |
| 22 07 19 00-1059 | | 30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-1015)* | | |
| 22 07 19 00-1060 | LF | 2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 8.28 | 1.58 |
| 22 07 19 00-1061 | LF | 2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 8.96 | 1.64 |
| 22 07 19 00-1062 | LF | 3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 9.70 | 1.71 |
| 22 07 19 00-1063 | LF | 3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 10.37 | 1.78 |
| 22 07 19 00-1064 | LF | 4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 11.11 | 1.86 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-1065 | LF | 4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 11.89 | 1.96 |
| 22 07 19 00-1066 | LF | 5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 12.69 | 2.06 |
| 22 07 19 00-1067 | LF | 5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 13.55 | 2.16 |
| 22 07 19 00-1068 | LF | 6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 14.45 | 2.28 |
| 22 07 19 00-1069 | LF | 6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 15.13 | 2.35 |
| 22 07 19 00-1070 | LF | 7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 15.82 | 2.42 |
| 22 07 19 00-1071 | LF | 7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 16.65 | 2.50 |
| 22 07 19 00-1072 | LF | 8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 17.26 | 2.55 |
| 22 07 19 00-1073 | LF | 8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 17.87 | 2.60 |
| 22 07 19 00-1074 | LF | 9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 18.49 | 2.65 |
| 22 07 19 00-1075 | LF | 9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 19.12 | 2.70 |
| 22 07 19 00-1076 | LF | 10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 19.76 | 2.75 |
| 22 07 19 00-1077 | LF | 10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 20.41 | 2.81 |
| 22 07 19 00-1078 | LF | 11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 21.06 | 2.87 |
| 22 07 19 00-1079 | LF | 11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 21.73 | 2.93 |
| 22 07 19 00-1080 | LF | 12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 22.40 | 2.99 |
| 22 07 19 00-1081 | LF | 12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 23.13 | 3.06 |
| 22 07 19 00-1082 | LF | 13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 23.74 | 3.10 |
| 22 07 19 00-1083 | LF | 13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 24.16 | 3.10 |
| 22 07 19 00-1084 | LF | 14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 24.77 | 3.15 |
| 22 07 19 00-1085 | LF | 15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 25.81 | 3.20 |
| 22 07 19 00-1086 | LF | 16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 26.85 | 3.26 |
| 22 07 19 00-1087 | LF | 17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 27.90 | 3.31 |
| 22 07 19 00-1088 | LF | 18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 28.99 | 3.37 |
| 22 07 19 00-1089 | LF | 19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 30.06 | 3.42 |
| 22 07 19 00-1090 | LF | 20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 31.13 | 3.48 |
| 22 07 19 00-1091 | LF | 21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 32.21 | 3.54 |
| 22 07 19 00-1092 | LF | 22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 33.30 | 3.60 |
| 22 07 19 00-1093 | LF | 23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 34.39 | 3.67 |
| 22 07 19 00-1094 | LF | 24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 35.51 | 3.73 |
| 22 07 19 00-1095 | LF | 25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 36.66 | 3.80 |
| 22 07 19 00-1096 | LF | 26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 37.79 | 3.87 |
| 22 07 19 00-1097 | LF | 27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 38.92 | 3.95 |
| 22 07 19 00-1098 | LF | 28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 40.07 | 4.02 |
| 22 07 19 00-1099 | LF | 29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 41.24 | 4.10 |
| 22 07 19 00-1100 | LF | 30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing | 42.41 | 4.19 |
| 22 07 19 00-1101 | | Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings *(22 07 19 00-1015)* | | |
| 22 07 19 00-1102 | EA | 1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 14.47 | 3.04 |
| 22 07 19 00-1103 | EA | 2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 15.49 | 3.15 |
| 22 07 19 00-1104 | EA | 2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 16.02 | 3.20 |
| 22 07 19 00-1105 | EA | 2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 16.56 | 3.26 |
| 22 07 19 00-1106 | EA | 2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 17.16 | 3.34 |
| 22 07 19 00-1107 | EA | 3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 17.71 | 3.42 |
| 22 07 19 00-1108 | EA | 3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 18.73 | 3.54 |
| 22 07 19 00-1109 | EA | 3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 19.64 | 3.63 |
| 22 07 19 00-1110 | EA | 4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 21.40 | 3.73 |
| 22 07 19 00-1111 | EA | 4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 23.44 | 3.91 |
| 22 07 19 00-1112 | EA | 5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 25.53 | 4.10 |
| 22 07 19 00-1113 | EA | 5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 29.29 | 4.32 |
| 22 07 19 00-1114 | EA | 6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 38.27 | 4.56 |
| 22 07 19 00-1115 | EA | 6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 39.95 | 4.72 |
| 22 07 19 00-1116 | EA | 7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 45.73 | 4.83 |
| 22 07 19 00-1117 | EA | 7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 47.49 | 4.95 |
| 22 07 19 00-1118 | EA | 8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 56.18 | 5.13 |
| 22 07 19 00-1119 | EA | 9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 68.94 | 5.33 |
| 22 07 19 00-1120 | EA | 10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 75.35 | 5.54 |
| 22 07 19 00-1121 | EA | 11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 84.06 | 5.78 |
| 22 07 19 00-1122 | EA | 12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 101.08 | 6.04 |
| 22 07 19 00-1123 | EA | 14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 112.82 | 6.22 |
| 22 07 19 00-1124 | EA | 15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 120.15 | 6.41 |
| 22 07 19 00-1125 | EA | 16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 129.21 | 6.51 |
| 22 07 19 00-1126 | EA | 17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 140.92 | 6.62 |
| 22 07 19 00-1127 | EA | 18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 174.54 | 6.73 |
| 22 07 19 00-1128 | EA | 19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 227.78 | 6.84 |
| 22 07 19 00-1129 | EA | 20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing | 285.41 | 6.95 |
| 22 07 19 00-1130 | EA | 1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 14.47 | 3.04 |
| 22 07 19 00-1131 | EA | 2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 15.49 | 3.15 |
| 22 07 19 00-1132 | EA | 2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 16.02 | 3.20 |
| 22 07 19 00-1133 | EA | 2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 16.56 | 3.26 |
| 22 07 19 00-1134 | EA | 2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 17.16 | 3.34 |
| 22 07 19 00-1135 | EA | 3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 17.71 | 3.42 |
| 22 07 19 00-1136 | EA | 3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 18.73 | 3.54 |
| 22 07 19 00-1137 | EA | 3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 19.64 | 3.63 |
| 22 07 19 00-1138 | EA | 4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 21.40 | 3.73 |
| 22 07 19 00-1139 | EA | 4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 23.44 | 3.91 |
| 22 07 19 00-1140 | EA | 5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 25.53 | 4.10 |
| 22 07 19 00-1141 | EA | 5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 29.29 | 4.32 |
| 22 07 19 00-1142 | EA | 6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 38.27 | 4.56 |
| 22 07 19 00-1143 | EA | 6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 39.95 | 4.72 |
| 22 07 19 00-1144 | EA | 7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 45.73 | 4.83 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-1145 | EA | 7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 47.49 | 4.95 |
| 22 07 19 00-1146 | EA | 8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 56.18 | 5.13 |
| 22 07 19 00-1147 | EA | 9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 68.94 | 5.33 |
| 22 07 19 00-1148 | EA | 10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 75.31 | 5.54 |
| 22 07 19 00-1149 | EA | 11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 81.71 | 5.78 |
| 22 07 19 00-1150 | EA | 12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 89.53 | 6.04 |
| 22 07 19 00-1151 | EA | 14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 99.59 | 6.22 |
| 22 07 19 00-1152 | EA | 15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 105.83 | 6.41 |
| 22 07 19 00-1153 | EA | 16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 117.62 | 6.51 |
| 22 07 19 00-1154 | EA | 17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 129.58 | 6.62 |
| 22 07 19 00-1155 | EA | 18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 152.91 | 6.73 |
| 22 07 19 00-1156 | EA | 19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 199.22 | 6.84 |
| 22 07 19 00-1157 | EA | 20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing | 222.49 | 6.95 |
| 22 07 19 00-1158 | EA | 1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 21.47 | 4.27 |
| 22 07 19 00-1159 | EA | 2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 22.42 | 4.36 |
| 22 07 19 00-1160 | EA | 2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 23.42 | 4.50 |
| 22 07 19 00-1161 | EA | 2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 24.53 | 4.67 |
| 22 07 19 00-1162 | EA | 2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 25.78 | 4.83 |
| 22 07 19 00-1163 | EA | 3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 27.02 | 5.01 |
| 22 07 19 00-1164 | EA | 3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 28.84 | 5.19 |
| 22 07 19 00-1165 | EA | 3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 30.76 | 5.40 |
| 22 07 19 00-1166 | EA | 4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 33.32 | 5.62 |
| 22 07 19 00-1167 | EA | 4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 36.93 | 5.87 |
| 22 07 19 00-1168 | EA | 5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 40.71 | 6.13 |
| 22 07 19 00-1169 | EA | 5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 47.61 | 6.51 |
| 22 07 19 00-1170 | EA | 6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 55.67 | 6.84 |
| 22 07 19 00-1171 | EA | 6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 62.85 | 6.95 |
| 22 07 19 00-1172 | EA | 7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 85.42 | 7.20 |
| 22 07 19 00-1173 | EA | 7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 92.47 | 7.60 |
| 22 07 19 00-1174 | EA | 8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 107.08 | 7.89 |
| 22 07 19 00-1175 | EA | 9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 121.87 | 8.20 |
| 22 07 19 00-1176 | EA | 10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 124.28 | 8.55 |
| 22 07 19 00-1177 | EA | 11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 135.02 | 8.73 |
| 22 07 19 00-1178 | EA | 12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 145.77 | 8.92 |
| 22 07 19 00-1179 | EA | 14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 156.64 | 9.12 |
| 22 07 19 00-1180 | EA | 15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 167.43 | 9.33 |
| 22 07 19 00-1181 | EA | 16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 178.32 | 9.54 |
| 22 07 19 00-1182 | EA | 17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 189.15 | 9.78 |
| 22 07 19 00-1183 | EA | 18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 205.23 | 10.01 |
| 22 07 19 00-1184 | EA | 19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 221.26 | 10.26 |
| 22 07 19 00-1185 | EA | 20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing | 240.67 | 10.52 |
| 22 07 19 00-1186 | EA | 3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 30.00 | 2.93 |
| 22 07 19 00-1187 | EA | 1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 30.00 | 2.93 |
| 22 07 19 00-1188 | EA | 1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 35.30 | 3.04 |
| 22 07 19 00-1189 | EA | 1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 35.30 | 3.04 |
| 22 07 19 00-1190 | EA | 2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 49.13 | 3.15 |
| 22 07 19 00-1191 | EA | 2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 53.66 | 3.29 |
| 22 07 19 00-1192 | EA | 3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 59.08 | 3.42 |
| 22 07 19 00-1193 | EA | 3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 66.81 | 3.57 |
| 22 07 19 00-1194 | EA | 4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 73.48 | 3.73 |
| 22 07 19 00-1195 | EA | 5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 89.21 | 4.10 |
| 22 07 19 00-1196 | EA | 6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 125.76 | 4.56 |
| 22 07 19 00-1197 | EA | 8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 137.62 | 5.13 |
| 22 07 19 00-1198 | EA | 10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 171.70 | 5.47 |
| 22 07 19 00-1199 | EA | 12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 239.60 | 6.04 |
| 22 07 19 00-1200 | EA | 14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 241.10 | 6.31 |
| 22 07 19 00-1201 | EA | 16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 319.60 | 6.51 |
| 22 07 19 00-1202 | EA | 18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing | 430.61 | 6.73 |
| 22 07 19 00-1203 | EA | 3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 27.98 | 2.93 |
| 22 07 19 00-1204 | EA | 1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 27.98 | 2.93 |
| 22 07 19 00-1205 | EA | 1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 32.87 | 3.04 |
| 22 07 19 00-1206 | EA | 1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 32.87 | 3.04 |
| 22 07 19 00-1207 | EA | 2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 45.14 | 3.15 |
| 22 07 19 00-1208 | EA | 2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 49.21 | 3.29 |
| 22 07 19 00-1209 | EA | 3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 54.21 | 3.42 |
| 22 07 19 00-1210 | EA | 3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 57.03 | 3.57 |
| 22 07 19 00-1211 | EA | 4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 67.01 | 3.73 |
| 22 07 19 00-1212 | EA | 5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 81.18 | 4.10 |
| 22 07 19 00-1213 | EA | 6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 113.96 | 4.56 |
| 22 07 19 00-1214 | EA | 8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 124.68 | 5.13 |
| 22 07 19 00-1215 | EA | 10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 155.24 | 5.47 |
| 22 07 19 00-1216 | EA | 12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 216.04 | 6.04 |
| 22 07 19 00-1217 | EA | 14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 274.87 | 6.31 |
| 22 07 19 00-1218 | EA | 16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 328.46 | 6.51 |
| 22 07 19 00-1219 | EA | 18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing | 383.83 | 6.73 |
| 22 07 19 00-1220 | EA | 3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 41.46 | 4.41 |
| 22 07 19 00-1221 | EA | 1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 41.46 | 4.41 |
| 22 07 19 00-1222 | EA | 1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 48.31 | 4.56 |
| 22 07 19 00-1223 | EA | 1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 48.31 | 4.56 |
| 22 07 19 00-1224 | EA | 2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 66.29 | 4.72 |
| 22 07 19 00-1225 | EA | 2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 72.29 | 4.89 |
| 22 07 19 00-1226 | EA | 3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 79.53 | 5.13 |
| 22 07 19 00-1227 | EA | 3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 83.85 | 5.33 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 07 19 00-1228 | EA | 4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 98.84 | 5.62 |
| 22 07 19 00-1229 | EA | 5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 108.63 | 6.13 |
| 22 07 19 00-1230 | EA | 6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 151.81 | 6.84 |
| 22 07 19 00-1231 | EA | 8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 165.29 | 7.60 |
| 22 07 19 00-1232 | EA | 10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 227.63 | 8.20 |
| 22 07 19 00-1233 | EA | 12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 315.70 | 8.92 |
| 22 07 19 00-1234 | EA | 14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 376.40 | 9.54 |
| 22 07 19 00-1235 | EA | 16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 444.80 | 9.78 |
| 22 07 19 00-1236 | EA | 18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing | 487.00 | 10.01 |

## 22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

### 22 11 Facility Water Distribution *(22 10)*

#### 22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

##### 22 11 16 00-0001 Galvanized Steel Pipe Assemblies *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0002 | LF | 1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 18.37 | 4.28 |
| | | *For Work In Restricted Working Space, Add* | *4.26* | |
| 22 11 16 00-0003 | LF | 3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 20.19 | 4.59 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 22 11 16 00-0004 | LF | 1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 22.88 | 5.03 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| 22 11 16 00-0005 | LF | 1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 26.82 | 5.24 |
| | | *For Work In Restricted Working Space, Add* | *5.11* | |
| 22 11 16 00-0006 | LF | 1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 28.93 | 6.21 |
| | | *For Work In Restricted Working Space, Add* | *5.33* | |
| 22 11 16 00-0007 | LF | 2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 35.03 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *6.07* | |
| 22 11 16 00-0008 | LF | 2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 52.00 | 8.87 |
| | | *For Work In Restricted Working Space, Add* | *7.11* | |
| 22 11 16 00-0009 | LF | 3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 63.89 | 11.87 |
| | | *For Work In Restricted Working Space, Add* | *8.61* | |
| 22 11 16 00-0010 | LF | 4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 99.29 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *8.96* | |
| 22 11 16 00-0011 | LF | 5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 181.82 | 16.34 |
| | | *For Work In Restricted Working Space, Add* | *10.83* | |
| 22 11 16 00-0012 | LF | 6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 219.03 | 19.32 |
| | | *For Work In Restricted Working Space, Add* | *12.30* | |

##### 22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

##### 22 11 16 00-0014 Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling. Welded pipe has a weld bead on the inside.

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0015 | LF | 1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 8.59 | 4.28 |
| | | *For Work In Restricted Working Space, Add* | *1.94* | |
| | | *For Schedule 80 Pipe, Add* | *1.66* | |
| | | *For ASTM 120, Deduct* | *-0.32* | |
| 22 11 16 00-0016 | LF | 3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 9.69 | 4.59 |
| | | *For Work In Restricted Working Space, Add* | *2.07* | |
| | | *For Schedule 80 Pipe, Add* | *2.03* | |
| | | *For ASTM 120, Deduct* | *-0.42* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0017 | LF | 1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 11.62 | 5.03 |
| | | *For Work In Restricted Working Space, Add* | *2.24* | |
| | | *For Schedule 80 Pipe, Add* | *2.74* | |
| | | *For ASTM 120, Deduct* | *-0.62* | |
| 22 11 16 00-0018 | LF | 1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 13.54 | 5.24 |
| | | *For Work In Restricted Working Space, Add* | *2.38* | |
| | | *For Schedule 80 Pipe, Add* | *3.49* | |
| | | *For ASTM 120, Deduct* | *-0.84* | |
| 22 11 16 00-0019 | LF | 1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 16.02 | 6.21 |
| | | *For Work In Restricted Working Space, Add* | *2.79* | |
| | | *For Schedule 80 Pipe, Add* | *4.16* | |
| | | *For ASTM 120, Deduct* | *-1.01* | |
| 22 11 16 00-0020 | LF | 2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 20.27 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *3.38* | |
| | | *For Schedule 80 Pipe, Add* | *5.45* | |
| | | *For ASTM 120, Deduct* | *-1.35* | |
| 22 11 16 00-0021 | LF | 2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 27.68 | 8.87 |
| | | *For Work In Restricted Working Space, Add* | *4.01* | |
| | | *For Schedule 80 Pipe, Add* | *8.21* | |
| | | *For ASTM 120, Deduct* | *-2.15* | |
| 22 11 16 00-0022 | LF | 3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 36.55 | 11.87 |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| | | *For Schedule 80 Pipe, Add* | *10.77* | |
| | | *For ASTM 120, Deduct* | *-2.81* | |
| 22 11 16 00-0023 | LF | 4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 45.89 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *5.77* | |
| | | *For Schedule 80 Pipe, Add* | *14.72* | |
| | | *For ASTM 120, Deduct* | *-4.00* | |
| 22 11 16 00-0024 | LF | 5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 60.23 | 16.34 |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| | | *For Schedule 80 Pipe, Add* | *19.61* | |
| | | *For ASTM 120, Deduct* | *-5.36* | |
| 22 11 16 00-0025 | LF | 6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 75.32 | 19.32 |
| | | *For Work In Restricted Working Space, Add* | *8.68* | |
| | | *For Schedule 80 Pipe, Add* | *25.16* | |
| | | *For ASTM 120, Deduct* | *-6.96* | |
| 22 11 16 00-0026 | LF | 8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe | 85.07 | 23.36 |
| | | *For Work In Restricted Working Space, Add* | *10.49* | |
| | | *For Schedule 80 Pipe, Add* | *27.55* | |
| | | *For ASTM 120, Deduct* | *-7.52* | |

### 22 11 16 00-0027 Seamless, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling.

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0028 | LF | 1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 10.45 | 4.28 |
| | | *For Work In Restricted Working Space, Add* | *1.94* | |
| | | *For Schedule 80 Pipe, Add* | *2.55* | |
| | | *For ASTM 120, Deduct* | *-0.60* | |
| 22 11 16 00-0029 | LF | 3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 11.66 | 4.59 |
| | | *For Work In Restricted Working Space, Add* | *2.07* | |
| | | *For Schedule 80 Pipe, Add* | *2.97* | |
| | | *For ASTM 120, Deduct* | *-0.71* | |
| 22 11 16 00-0030 | LF | 1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 13.00 | 5.03 |
| | | *For Work In Restricted Working Space, Add* | *2.24* | |
| | | *For Schedule 80 Pipe, Add* | *3.40* | |
| | | *For ASTM 120, Deduct* | *-0.83* | |
| 22 11 16 00-0031 | LF | 1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 14.87 | 5.24 |
| | | *For Work In Restricted Working Space, Add* | *2.38* | |
| | | *For Schedule 80 Pipe, Add* | *4.13* | |
| | | *For ASTM 120, Deduct* | *-1.04* | |
| 22 11 16 00-0032 | LF | 1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 17.24 | 6.21 |
| | | *For Work In Restricted Working Space, Add* | *2.79* | |
| | | *For Schedule 80 Pipe, Add* | *4.74* | |
| | | *For ASTM 120, Deduct* | *-1.19* | |
| 22 11 16 00-0033 | LF | 2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 20.29 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *3.38* | |
| | | *For Schedule 80 Pipe, Add* | *5.46* | |
| | | *For ASTM 120, Deduct* | *-1.36* | |
| 22 11 16 00-0034 | LF | 2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 28.50 | 8.87 |
| | | *For Work In Restricted Working Space, Add* | *4.01* | |
| | | *For Schedule 80 Pipe, Add* | *8.60* | |
| | | *For ASTM 120, Deduct* | *-2.27* | |
| 22 11 16 00-0035 | LF | 3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 36.32 | 11.87 |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| | | *For Schedule 80 Pipe, Add* | *10.66* | |
| | | *For ASTM 120, Deduct* | *-2.78* | |
| 22 11 16 00-0036 | LF | 4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 45.68 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *5.77* | |
| | | *For Schedule 80 Pipe, Add* | *14.62* | |
| | | *For ASTM 120, Deduct* | *-3.97* | |
| 22 11 16 00-0037 | LF | 5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 58.99 | 16.34 |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| | | *For Schedule 80 Pipe, Add* | *19.02* | |
| | | *For ASTM 120, Deduct* | *-5.18* | |
| 22 11 16 00-0038 | LF | 6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe | 73.10 | 19.32 |
| | | *For Work In Restricted Working Space, Add* | *8.68* | |
| | | *For Schedule 80 Pipe, Add* | *24.09* | |
| | | *For ASTM 120, Deduct* | *-6.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 22 11 16 00-0039 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0040 | EA | 1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 34.39 | 19.03 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0041 | EA | 3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 39.13 | 21.28 |
| | | *For Work In Restricted Working Space, Add* | *9.58* | |
| 22 11 16 00-0042 | EA | 1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 49.00 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0043 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 61.44 | 26.95 |
| | | *For Work In Restricted Working Space, Add* | *12.10* | |
| 22 11 16 00-0044 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 73.05 | 30.37 |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| 22 11 16 00-0045 | EA | 2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 102.92 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 11 16 00-0046 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 203.60 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0047 | EA | 3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 307.20 | 75.06 |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 22 11 16 00-0048 | EA | 4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 455.48 | 74.79 |
| | | *For Work In Restricted Working Space, Add* | *33.65* | |
| 22 11 16 00-0049 | EA | 5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 1,599.65 | 78.06 |
| | | *For Work In Restricted Working Space, Add* | *35.11* | |
| 22 11 16 00-0050 | EA | 6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 1,489.17 | 81.62 |
| | | *For Work In Restricted Working Space, Add* | *36.71* | |
| 22 11 16 00-0051 | EA | 8", 150 LB, Galvanized Malleable Iron 90 Degree Elbow | 1,776.83 | 85.29 |
| | | *For Work In Restricted Working Space, Add* | *38.36* | |

### 22 11 16 00-0052 Galvanized Malleable Iron Reducing 90 Degree Elbows *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0053 | EA | 3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 42.76 | 20.11 |
| | | *For Work In Restricted Working Space, Add* | *9.07* | |
| 22 11 16 00-0054 | EA | 1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 49.87 | 22.56 |
| | | *For Work In Restricted Working Space, Add* | *10.13* | |
| 22 11 16 00-0055 | EA | 1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 49.14 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *9.62* | |
| 22 11 16 00-0056 | EA | 1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 64.98 | 25.34 |
| | | *For Work In Restricted Working Space, Add* | *11.40* | |
| 22 11 16 00-0057 | EA | 1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 68.55 | 24.06 |
| | | *For Work In Restricted Working Space, Add* | *10.84* | |
| 22 11 16 00-0058 | EA | 1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 68.78 | 22.99 |
| | | *For Work In Restricted Working Space, Add* | *10.33* | |
| 22 11 16 00-0059 | EA | 1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 86.04 | 28.66 |
| | | *For Work In Restricted Working Space, Add* | *12.88* | |
| 22 11 16 00-0060 | EA | 1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 83.69 | 27.05 |
| | | *For Work In Restricted Working Space, Add* | *12.17* | |
| 22 11 16 00-0061 | EA | 1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 81.82 | 25.77 |
| | | *For Work In Restricted Working Space, Add* | *11.61* | |
| 22 11 16 00-0062 | EA | 2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 102.03 | 34.43 |
| | | *For Work In Restricted Working Space, Add* | *15.50* | |
| 22 11 16 00-0063 | EA | 2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 106.83 | 32.72 |
| | | *For Work In Restricted Working Space, Add* | *14.72* | |
| 22 11 16 00-0064 | EA | 2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 106.64 | 31.12 |
| | | *For Work In Restricted Working Space, Add* | *14.01* | |
| 22 11 16 00-0065 | EA | 2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 90.32 | 29.94 |
| | | *For Work In Restricted Working Space, Add* | *13.46* | |
| 22 11 16 00-0066 | EA | 2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 242.44 | 47.80 |
| | | *For Work In Restricted Working Space, Add* | *21.50* | |
| 22 11 16 00-0067 | EA | 2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 255.78 | 43.73 |
| | | *For Work In Restricted Working Space, Add* | *19.66* | |
| 22 11 16 00-0068 | EA | 3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 409.42 | 66.08 |
| | | *For Work In Restricted Working Space, Add* | *29.71* | |
| 22 11 16 00-0069 | EA | 3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 354.75 | 56.77 |
| | | *For Work In Restricted Working Space, Add* | *25.55* | |
| 22 11 16 00-0070 | EA | 4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow | 809.02 | 71.14 |
| | | *For Work In Restricted Working Space, Add* | *32.00* | |

### 22 11 16 00-0071 Galvanized Malleable Iron 45 Degree Elbow *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0072 | EA | 1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 35.43 | 19.03 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0073 | EA | 3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 41.87 | 21.28 |
| | | *For Work In Restricted Working Space, Add* | *9.58* | |
| 22 11 16 00-0074 | EA | 1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 46.86 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0075 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 61.32 | 26.95 |
| | | *For Work In Restricted Working Space, Add* | *12.10* | |
| 22 11 16 00-0076 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 70.14 | 30.37 |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| 22 11 16 00-0077 | EA | 2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 94.26 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 11 16 00-0078 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 212.39 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0079 | EA | 3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 297.04 | 75.06 |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0080 | EA | 4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 421.46 | 74.79 |
| | | *For Work In Restricted Working Space, Add* | *33.65* | |
| 22 11 16 00-0081 | EA | 5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 1,366.87 | 78.06 |
| | | *For Work In Restricted Working Space, Add* | *35.11* | |
| 22 11 16 00-0082 | EA | 6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 1,629.36 | 81.62 |
| | | *For Work In Restricted Working Space, Add* | *36.71* | |
| 22 11 16 00-0083 | EA | 8", 150 LB, Galvanized Malleable Iron 45 Degree Elbow | 1,943.37 | 85.29 |
| | | *For Work In Restricted Working Space, Add* | *38.36* | |

## 22 11 16 00-0084 Galvanized Malleable Iron Tees *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0085 | EA | 1/2", 150 LB, Galvanized Malleable Iron Tee | 43.24 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0086 | EA | 3/4", 150 LB, Galvanized Malleable Iron Tee | 53.66 | 27.48 |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 22 11 16 00-0087 | EA | 1", 150 LB, Galvanized Malleable Iron Tee | 68.88 | 32.40 |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 22 11 16 00-0088 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron Tee | 89.98 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 11 16 00-0089 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron Tee | 108.98 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 11 16 00-0090 | EA | 2", 150 LB, Galvanized Malleable Iron Tee | 150.55 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0091 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron Tee | 276.02 | 62.01 |
| | | *For Work In Restricted Working Space, Add* | *27.89* | |
| 22 11 16 00-0092 | EA | 3", 150 LB, Galvanized Malleable Iron Tee | 327.19 | 75.06 |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 22 11 16 00-0093 | EA | 4", 150 LB, Galvanized Malleable Iron Tee | 649.45 | 94.51 |
| | | *For Work In Restricted Working Space, Add* | *42.50* | |
| 22 11 16 00-0094 | EA | 5", 150 LB, Galvanized Malleable Iron Tee | 1,764.36 | 112.19 |
| | | *For Work In Restricted Working Space, Add* | *50.47* | |
| 22 11 16 00-0095 | EA | 6", 150 LB, Galvanized Malleable Iron Tee | 2,002.65 | 128.25 |
| | | *For Work In Restricted Working Space, Add* | *57.68* | |
| 22 11 16 00-0096 | EA | 8", 150 LB, Galvanized Malleable Iron Tee | 2,381.79 | 152.28 |
| | | *For Work In Restricted Working Space, Add* | *69.22* | |

## 22 11 16 00-0097 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0098 | EA | 1/2", 150 LB, Galvanized Malleable Iron Reducing Tee | 53.32 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0099 | EA | 3/4", 150 LB, Galvanized Malleable Iron Reducing Tee | 58.55 | 27.48 |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 22 11 16 00-0100 | EA | 1", 150 LB, Galvanized Malleable Iron Reducing Tee | 73.09 | 32.40 |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 22 11 16 00-0101 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee | 95.78 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 11 16 00-0102 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee | 115.89 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 11 16 00-0103 | EA | 2", 150 LB, Galvanized Malleable Iron Reducing Tee | 154.04 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0104 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee | 335.19 | 62.23 |
| | | *For Work In Restricted Working Space, Add* | *27.98* | |
| 22 11 16 00-0105 | EA | 3", 150 LB, Galvanized Malleable Iron Reducing Tee | 428.08 | 76.24 |
| | | *For Work In Restricted Working Space, Add* | *34.30* | |
| 22 11 16 00-0106 | EA | 4", 150 LB, Galvanized Malleable Iron Reducing Tee | 1,051.18 | 94.51 |
| | | *For Work In Restricted Working Space, Add* | *42.50* | |
| 22 11 16 00-0107 | EA | 5", 150 LB, Galvanized Malleable Iron Reducing Tee | 2,277.36 | 112.19 |
| | | *For Work In Restricted Working Space, Add* | *50.47* | |
| 22 11 16 00-0108 | EA | 6", 150 LB, Galvanized Malleable Iron Reducing Tee | 2,585.03 | 128.25 |
| | | *For Work In Restricted Working Space, Add* | *57.68* | |
| 22 11 16 00-0109 | EA | 8", 150 LB, Galvanized Malleable Iron Reducing Tee | 3,106.16 | 147.27 |
| | | *For Work In Restricted Working Space, Add* | *66.34* | |

## 22 11 16 00-0110 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0111 | EA | 1/2", 150 LB, Galvanized Malleable Iron Coupling | 34.81 | 19.03 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0112 | EA | 3/4", 150 LB, Galvanized Malleable Iron Coupling | 39.17 | 21.28 |
| | | *For Work In Restricted Working Space, Add* | *9.58* | |
| 22 11 16 00-0113 | EA | 1", 150 LB, Galvanized Malleable Iron Coupling | 47.52 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0114 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron Coupling | 57.09 | 26.95 |
| | | *For Work In Restricted Working Space, Add* | *12.10* | |
| 22 11 16 00-0115 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron Coupling | 64.54 | 30.37 |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| 22 11 16 00-0116 | EA | 2", 150 LB, Galvanized Malleable Iron Coupling | 85.64 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 11 16 00-0117 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron Coupling | 170.76 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0118 | EA | 3", 150 LB, Galvanized Malleable Iron Coupling | 226.45 | 75.06 |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 22 11 16 00-0119 | EA | 4", 150 LB, Galvanized Malleable Iron Coupling | 354.06 | 74.79 |
| | | *For Work In Restricted Working Space, Add* | *33.65* | |
| 22 11 16 00-0120 | EA | 5", 150 LB, Galvanized Malleable Iron Coupling | 798.18 | 78.06 |
| | | *For Work In Restricted Working Space, Add* | *35.11* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0121 | EA | 6", 150 LB, Galvanized Malleable Iron Coupling | 898.36 | 81.62 |
| | | *For Work In Restricted Working Space, Add* | *36.71* | |
| 22 11 16 00-0122 | EA | 8", 150 LB, Galvanized Malleable Iron Coupling | 1,063.11 | 85.29 |
| | | *For Work In Restricted Working Space, Add* | *38.36* | |

## 22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0124 | EA | 1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling | 36.15 | 19.03 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0125 | EA | 3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling | 40.08 | 21.28 |
| | | *For Work In Restricted Working Space, Add* | *9.58* | |
| 22 11 16 00-0126 | EA | 1", 150 LB, Galvanized Malleable Iron Reducing Coupling | 49.24 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0127 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling | 57.92 | 26.95 |
| | | *For Work In Restricted Working Space, Add* | *12.10* | |
| 22 11 16 00-0128 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling | 68.17 | 30.37 |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| 22 11 16 00-0129 | EA | 2", 150 LB, Galvanized Malleable Iron Reducing Coupling | 88.73 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 11 16 00-0130 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling | 171.84 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0131 | EA | 3", 150 LB, Galvanized Malleable Iron Reducing Coupling | 223.22 | 75.06 |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 22 11 16 00-0132 | EA | 4", 150 LB, Galvanized Malleable Iron Reducing Coupling | 360.29 | 74.79 |
| | | *For Work In Restricted Working Space, Add* | *33.65* | |
| 22 11 16 00-0133 | EA | 5", 150 LB, Galvanized Malleable Iron Reducing Coupling | 834.03 | 78.06 |
| | | *For Work In Restricted Working Space, Add* | *35.11* | |
| 22 11 16 00-0134 | EA | 6", 150 LB, Galvanized Malleable Iron Reducing Coupling | 939.20 | 81.62 |
| | | *For Work In Restricted Working Space, Add* | *36.71* | |
| 22 11 16 00-0135 | EA | 8", 150 LB, Galvanized Malleable Iron Reducing Coupling | 1,112.70 | 85.29 |
| | | *For Work In Restricted Working Space, Add* | *38.36* | |

## 22 11 16 00-0136 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0137 | EA | 1/2", 150 LB, Galvanized Malleable Iron Cap | 15.84 | 8.87 |
| | | *For Work In Restricted Working Space, Add* | *4.01* | |
| 22 11 16 00-0138 | EA | 3/4", 150 LB, Galvanized Malleable Iron Cap | 17.67 | 9.52 |
| | | *For Work In Restricted Working Space, Add* | *4.28* | |
| 22 11 16 00-0139 | EA | 1", 150 LB, Galvanized Malleable Iron Cap | 20.69 | 11.01 |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0140 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron Cap | 22.83 | 11.54 |
| | | *For Work In Restricted Working Space, Add* | *5.18* | |
| 22 11 16 00-0141 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron Cap | 22.48 | 11.54 |
| | | *For Work In Restricted Working Space, Add* | *5.18* | |
| 22 11 16 00-0142 | EA | 2", 150 LB, Galvanized Malleable Iron Cap | 34.19 | 15.29 |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0143 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron Cap | 53.64 | 19.03 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0144 | EA | 3", 150 LB, Galvanized Malleable Iron Cap | 70.25 | 22.99 |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0145 | EA | 4", 150 LB, Galvanized Malleable Iron Cap | 105.31 | 25.66 |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 22 11 16 00-0146 | EA | 5", 150 LB, Galvanized Malleable Iron Cap | 269.99 | 32.11 |
| | | *For Work In Restricted Working Space, Add* | *14.42* | |
| 22 11 16 00-0147 | EA | 6", 150 LB, Galvanized Malleable Iron Cap | 336.96 | 38.16 |
| | | *For Work In Restricted Working Space, Add* | *17.18* | |
| 22 11 16 00-0148 | EA | 8", 150 LB, Galvanized Malleable Iron Cap | 426.40 | 42.64 |
| | | *For Work In Restricted Working Space, Add* | *19.18* | |

## 22 11 16 00-0149 Galvanized Malleable Iron FIP Threaded, Unions *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0150 | EA | 1/2", 150 LB, Galvanized Malleable Iron Union | 51.97 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0151 | EA | 3/4", 150 LB, Galvanized Malleable Iron Union | 59.88 | 27.48 |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 22 11 16 00-0152 | EA | 1", 150 LB, Galvanized Malleable Iron Union | 73.17 | 32.40 |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 22 11 16 00-0153 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron Union | 93.32 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 11 16 00-0154 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron Union | 112.02 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 11 16 00-0155 | EA | 2", 150 LB, Galvanized Malleable Iron Union | 135.02 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0156 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron Union | 298.14 | 84.15 |
| | | *For Work In Restricted Working Space, Add* | *37.88* | |
| 22 11 16 00-0157 | EA | 3", 150 LB, Galvanized Malleable Iron Union | 406.70 | 110.67 |
| | | *For Work In Restricted Working Space, Add* | *49.85* | |
| 22 11 16 00-0158 | EA | 1/2", 250 LB, Galvanized Malleable Iron Union | 68.84 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0159 | EA | 3/4", 250 LB, Galvanized Malleable Iron Union | 71.29 | 27.48 |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 22 11 16 00-0160 | EA | 1", 250 LB, Galvanized Malleable Iron Union | 85.99 | 32.40 |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 22 11 16 00-0161 | EA | 1-1/4", 250 LB, Galvanized Malleable Iron Union | 114.43 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0162 | EA | 1-1/2", 250 LB, Galvanized Malleable Iron Union | 134.18 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 11 16 00-0163 | EA | 2", 250 LB, Galvanized Malleable Iron Union | 177.62 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0164 | EA | 2-1/2", 250 LB, Galvanized Malleable Iron Union | 368.51 | 84.15 |
| | | *For Work In Restricted Working Space, Add* | *37.88* | |
| 22 11 16 00-0165 | EA | 3", 250 LB, Galvanized Malleable Iron Union | 537.80 | 110.67 |
| | | *For Work In Restricted Working Space, Add* | *49.85* | |
| 22 11 16 00-0166 | EA | 4", 250 LB, Galvanized Malleable Iron Union | 748.56 | 110.36 |
| | | *For Work In Restricted Working Space, Add* | *49.67* | |
| 22 11 16 00-0167 | EA | 1/2", 300 LB, Galvanized Malleable Iron Union | 73.47 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 22 11 16 00-0168 | EA | 3/4", 300 LB, Galvanized Malleable Iron Union | 82.14 | 27.48 |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 22 11 16 00-0169 | EA | 1", 300 LB, Galvanized Malleable Iron Union | 103.01 | 32.40 |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 22 11 16 00-0170 | EA | 1-1/4", 300 LB, Galvanized Malleable Iron Union | 133.67 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 22 11 16 00-0171 | EA | 1-1/2", 300 LB, Galvanized Malleable Iron Union | 160.35 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 11 16 00-0172 | EA | 2", 300 LB, Galvanized Malleable Iron Union | 195.21 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 22 11 16 00-0173 | EA | 2-1/2", 300 LB, Galvanized Malleable Iron Union | 432.19 | 84.15 |
| | | *For Work In Restricted Working Space, Add* | *37.88* | |
| 22 11 16 00-0174 | EA | 3", 300 LB, Galvanized Malleable Iron Union | 683.53 | 110.67 |
| | | *For Work In Restricted Working Space, Add* | *49.85* | |
| 22 11 16 00-0175 | EA | 4", 300 LB, Galvanized Malleable Iron Union | 1,463.17 | 110.36 |
| | | *For Work In Restricted Working Space, Add* | *49.67* | |

## 22 11 16 00-0176 Galvanized Steel Nipples *(22 11 16 00-0013)*

Note: ASTM A-53.

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0177 | EA | 3/8" x Close, Schedule 40 Galvanized Steel Nipple | 17.83 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.92* | |
| | | *For ASTM 120, Deduct* | *-0.38* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0178 | EA | 1/2" x Close, Schedule 40 Galvanized Steel Nipple | 17.34 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.36* | |
| | | *For ASTM 120, Deduct* | *-0.31* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0179 | EA | 3/4" x Close, Schedule 40 Galvanized Steel Nipple | 17.78 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.86* | |
| | | *For ASTM 120, Deduct* | *-0.38* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0180 | EA | 1" x Close, Schedule 40 Galvanized Steel Nipple | 19.90 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *3.93* | |
| | | *For ASTM 120, Deduct* | *-0.52* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0181 | EA | 1-1/4" x Close, Schedule 40 Galvanized Steel Nipple | 22.44 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *5.27* | |
| | | *For ASTM 120, Deduct* | *-0.69* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0182 | EA | 1-1/2" x Close, Schedule 40 Galvanized Steel Nipple | 23.25 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *6.19* | |
| | | *For ASTM 120, Deduct* | *-0.81* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0183 | EA | 2" x Close, Schedule 40 Galvanized Steel Nipple | 30.65 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *8.72* | |
| | | *For ASTM 120, Deduct* | *-1.15* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0184 | EA | 2-1/2" x Close, Schedule 40 Galvanized Steel Nipple | 51.29 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *25.96* | |
| | | *For ASTM 120, Deduct* | *-3.42* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0185 | EA | 3" x Close, Schedule 40 Galvanized Steel Nipple | 61.77 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *31.10* | |
| | | *For ASTM 120, Deduct* | *-4.09* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0186 | EA | 4" x Close, Schedule 40 Galvanized Steel Nipple | 79.35 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *46.61* | |
| | | *For ASTM 120, Deduct* | *-6.13* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 22 11 16 00-0187 | EA | 3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple | 18.21 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.35* | |
| | | *For ASTM 120, Deduct* | *-0.44* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0188 | EA | 1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple | 17.45 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.49* | |
| | | *For ASTM 120, Deduct* | *-0.33* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0189 | EA | 3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple | 18.00 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.11* | |
| | | *For ASTM 120, Deduct* | *-0.41* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0190 | EA | 3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple | 18.21 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.35* | |
| | | *For ASTM 120, Deduct* | *-0.44* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0191 | EA | 1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple | 17.45 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.49* | |
| | | *For ASTM 120, Deduct* | *-0.33* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0192 | EA | 3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple | 18.00 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.11* | |
| | | *For ASTM 120, Deduct* | *-0.41* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0193 | EA | 1" x 2" Long, Schedule 40 Galvanized Steel Nipple | 20.52 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *4.64* | |
| | | *For ASTM 120, Deduct* | *-0.61* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0194 | EA | 1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple | 22.78 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *5.65* | |
| | | *For ASTM 120, Deduct* | *-0.74* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0195 | EA | 1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple | 23.65 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *6.65* | |
| | | *For ASTM 120, Deduct* | *-0.87* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0196 | EA | 3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple | 19.18 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.46* | |
| | | *For ASTM 120, Deduct* | *-0.59* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0197 | EA | 1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple | 17.83 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.92* | |
| | | *For ASTM 120, Deduct* | *-0.38* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0198 | EA | 3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple | 18.29 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.44* | |
| | | *For ASTM 120, Deduct* | *-0.45* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0199 | EA | 1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple | 20.85 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *5.02* | |
| | | *For ASTM 120, Deduct* | *-0.66* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0200 | EA | 1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple | 23.27 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *6.21* | |
| | | *For ASTM 120, Deduct* | *-0.82* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0201 | EA | 1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple | 24.31 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *7.40* | |
| | | *For ASTM 120, Deduct* | *-0.97* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0202 | EA | 2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple | 31.60 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *9.80* | |
| | | *For ASTM 120, Deduct* | *-1.29* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0203 | EA | 3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple | 19.18 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.46* | |
| | | *For ASTM 120, Deduct* | *-0.59* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0204 | EA | 1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple | 17.83 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.92* | |
| | | *For ASTM 120, Deduct* | *-0.38* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0205 | EA | 3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple | 18.29 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.44* | |
| | | *For ASTM 120, Deduct* | *-0.45* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0206 | EA | 1" x 3" Long, Schedule 40 Galvanized Steel Nipple | 20.85 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *5.02* | |
| | | *For ASTM 120, Deduct* | *-0.66* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0207 | EA | 1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple | 23.27 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *6.21* | |
| | | *For ASTM 120, Deduct* | *-0.82* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0208 | EA | 1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple | 24.31 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *7.40* | |
| | | *For ASTM 120, Deduct* | *-0.97* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0209 | EA | 2" x 3" Long, Schedule 40 Galvanized Steel Nipple | 31.60 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *9.80* | |
| | | *For ASTM 120, Deduct* | *-1.29* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0210 | EA | 2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple | 52.16 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *26.95* | |
| | | *For ASTM 120, Deduct* | *-3.55* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0211 | EA | 3" x 3" Long, Schedule 40 Galvanized Steel Nipple | 65.53 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *35.39* | |
| | | *For ASTM 120, Deduct* | *-4.66* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0212 | EA | 3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 19.92 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *5.30* | |
| | | *For ASTM 120, Deduct* | *-0.70* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0213 | EA | 1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 18.43 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.60* | |
| | | *For ASTM 120, Deduct* | *-0.47* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0214 | EA | 3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 19.18 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.46* | |
| | | *For ASTM 120, Deduct* | *-0.59* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0215 | EA | 1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 21.74 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *6.03* | |
| | | *For ASTM 120, Deduct* | *-0.79* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0216 | EA | 1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 24.31 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *7.40* | |
| | | *For ASTM 120, Deduct* | *-0.97* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0217 | EA | 1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 26.02 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *9.35* | |
| | | *For ASTM 120, Deduct* | *-1.23* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0218 | EA | 2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 33.45 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *11.91* | |
| | | *For ASTM 120, Deduct* | *-1.57* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0219 | EA | 2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 55.96 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *31.28* | |
| | | *For ASTM 120, Deduct* | *-4.12* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0220 | EA | 3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple | 70.91 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *41.52* | |
| | | *For ASTM 120, Deduct* | *-5.46* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0221 | EA | 3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple | 19.92 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *5.30* | |
| | | *For ASTM 120, Deduct* | *-0.70* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0222 | EA | 1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple | 18.43 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.60* | |
| | | *For ASTM 120, Deduct* | *-0.47* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0223 | EA | 3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple | 19.92 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *5.30* | |
| | | *For ASTM 120, Deduct* | *-0.70* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0224 | EA | 1" x 4" Long, Schedule 40 Galvanized Steel Nipple | 21.74 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *6.03* | |
| | | *For ASTM 120, Deduct* | *-0.79* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0225 | EA | 1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple | 24.31 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *7.40* | |
| | | *For ASTM 120, Deduct* | *-0.97* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0226 | EA | 1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple | 26.02 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *9.35* | |
| | | *For ASTM 120, Deduct* | *-1.23* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0227 | EA | 2" x 4" Long, Schedule 40 Galvanized Steel Nipple | 33.54 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *12.02* | |
| | | *For ASTM 120, Deduct* | *-1.58* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0228 | EA | 2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple | 55.96 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *31.28* | |
| | | *For ASTM 120, Deduct* | *-4.12* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0229 | EA | 3" x 4" Long, Schedule 40 Galvanized Steel Nipple | 70.91 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *41.52* | |
| | | *For ASTM 120, Deduct* | *-5.46* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0230 | EA | 4" x 4" Long, Schedule 40 Galvanized Steel Nipple | 87.35 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *55.73* | |
| | | *For ASTM 120, Deduct* | *-7.33* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 22 11 16 00-0231 | EA | 3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 21.67 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *7.30* | |
| | | *For ASTM 120, Deduct* | *-0.96* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0232 | EA | 1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 19.07 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.33* | |
| | | *For ASTM 120, Deduct* | *-0.57* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0233 | EA | 3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 19.94 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *5.32* | |
| | | *For ASTM 120, Deduct* | *-0.70* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0234 | EA | 1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 22.94 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *7.40* | |
| | | *For ASTM 120, Deduct* | *-0.97* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0235 | EA | 1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 25.85 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *9.15* | |
| | | *For ASTM 120, Deduct* | *-1.20* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0236 | EA | 1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 27.74 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *11.31* | |
| | | *For ASTM 120, Deduct* | *-1.49* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0237 | EA | 2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 36.34 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *15.21* | |
| | | *For ASTM 120, Deduct* | *-2.00* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0238 | EA | 2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 59.12 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *34.88* | |
| | | *For ASTM 120, Deduct* | *-4.59* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0239 | EA | 3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 76.94 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *48.39* | |
| | | *For ASTM 120, Deduct* | *-6.37* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0240 | EA | 4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple | 93.29 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *62.51* | |
| | | *For ASTM 120, Deduct* | *-8.22* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 22 11 16 00-0241 | EA | 3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple | 21.67 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *7.30* | |
| | | *For ASTM 120, Deduct* | *-0.96* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0242 | EA | 1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple | 19.07 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.33* | |
| | | *For ASTM 120, Deduct* | *-0.57* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0243 | EA | 3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple | 19.94 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *5.32* | |
| | | *For ASTM 120, Deduct* | *-0.70* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0244 | EA | 1" x 5" Long, Schedule 40 Galvanized Steel Nipple | 22.94 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *7.40* | |
| | | *For ASTM 120, Deduct* | *-0.97* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0245 | EA | 1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple | 25.85 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *9.15* | |
| | | *For ASTM 120, Deduct* | *-1.20* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0246 | EA | 1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple | 27.74 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *11.31* | |
| | | *For ASTM 120, Deduct* | *-1.49* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0247 | EA | 2" x 5" Long, Schedule 40 Galvanized Steel Nipple | 36.34 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *15.21* | |
| | | *For ASTM 120, Deduct* | *-2.00* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0248 | EA | 2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple | 59.12 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *34.88* | |
| | | *For ASTM 120, Deduct* | *-4.59* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0249 | EA | 3" x 5" Long, Schedule 40 Galvanized Steel Nipple | 76.94 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *48.39* | |
| | | *For ASTM 120, Deduct* | *-6.37* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0250 | EA | 4" x 5" Long, Schedule 40 Galvanized Steel Nipple | 93.29 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *62.51* | |
| | | *For ASTM 120, Deduct* | *-8.22* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 22 11 16 00-0251 | EA | 3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple | 22.39 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *8.12* | |
| | | *For ASTM 120, Deduct* | *-1.07* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0252 | EA | 1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple | 19.58 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.91* | |
| | | *For ASTM 120, Deduct* | *-0.65* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0253 | EA | 3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple | 20.87 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *6.38* | |
| | | *For ASTM 120, Deduct* | *-0.84* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0254 | EA | 1" x 6" Long, Schedule 40 Galvanized Steel Nipple | 23.81 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *8.39* | |
| | | *For ASTM 120, Deduct* | *-1.10* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0255 | EA | 1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple | 27.14 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *10.62* | |
| | | *For ASTM 120, Deduct* | *-1.40* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0256 | EA | 1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple | 28.98 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *12.72* | |
| | | *For ASTM 120, Deduct* | *-1.67* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0257 | EA | 2" x 6" Long, Schedule 40 Galvanized Steel Nipple | 38.50 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *17.67* | |
| | | *For ASTM 120, Deduct* | *-2.33* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0258 | EA | 2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple | 62.14 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *38.33* | |
| | | *For ASTM 120, Deduct* | *-5.04* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0259 | EA | 3" x 6" Long, Schedule 40 Galvanized Steel Nipple | 79.38 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *51.17* | |
| | | *For ASTM 120, Deduct* | *-6.73* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0260 | EA | 4" x 6" Long, Schedule 40 Galvanized Steel Nipple | 99.07 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *69.10* | |
| | | *For ASTM 120, Deduct* | *-9.09* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 22 11 16 00-0261 | EA | 3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple | 43.71 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *32.42* | |
| | | *For ASTM 120, Deduct* | *-4.27* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0262 | EA | 1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple | 22.87 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *8.66* | |
| | | *For ASTM 120, Deduct* | *-1.14* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0263 | EA | 3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple | 24.99 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *11.08* | |
| | | *For ASTM 120, Deduct* | *-1.46* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0264 | EA | 1" x 8" Long, Schedule 40 Galvanized Steel Nipple | 28.77 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *14.04* | |
| | | *For ASTM 120, Deduct* | *-1.85* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0265 | EA | 1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple | 32.92 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *17.21* | |
| | | *For ASTM 120, Deduct* | *-2.27* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0266 | EA | 1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple | 35.14 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *19.74* | |
| | | *For ASTM 120, Deduct* | *-2.60* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0267 | EA | 2" x 8" Long, Schedule 40 Galvanized Steel Nipple | 48.26 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *28.80* | |
| | | *For ASTM 120, Deduct* | *-3.79* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0268 | EA | 2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple | 71.79 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *49.33* | |
| | | *For ASTM 120, Deduct* | *-6.49* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0269 | EA | 3" x 8" Long, Schedule 40 Galvanized Steel Nipple | 94.97 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *68.95* | |
| | | *For ASTM 120, Deduct* | *-9.07* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0270 | EA | 4" x 8" Long, Schedule 40 Galvanized Steel Nipple | 110.79 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *82.46* | |
| | | *For ASTM 120, Deduct* | *-10.85* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 22 11 16 00-0271 | EA | 3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple | 28.83 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *15.46* | |
| | | *For ASTM 120, Deduct* | *-2.03* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0272 | EA | 1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple | 24.30 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *10.29* | |
| | | *For ASTM 120, Deduct* | *-1.35* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0273 | EA | 3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple | 26.05 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *12.29* | |
| | | *For ASTM 120, Deduct* | *-1.62* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0274 | EA | 1" x 10" Long, Schedule 40 Galvanized Steel Nipple | 30.52 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *16.04* | |
| | | *For ASTM 120, Deduct* | *-2.11* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0275 | EA | 1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple | 35.87 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *20.58* | |
| | | *For ASTM 120, Deduct* | *-2.71* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0276 | EA | 1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple | 38.01 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *23.02* | |
| | | *For ASTM 120, Deduct* | *-3.03* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0277 | EA | 2" x 10" Long, Schedule 40 Galvanized Steel Nipple | 52.55 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *33.69* | |
| | | *For ASTM 120, Deduct* | *-4.43* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0278 | EA | 2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple | 77.84 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *56.22* | |
| | | *For ASTM 120, Deduct* | *-7.40* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0279 | EA | 3" x 10" Long, Schedule 40 Galvanized Steel Nipple | 103.48 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *78.65* | |
| | | *For ASTM 120, Deduct* | *-10.35* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0280 | EA | 4" x 10" Long, Schedule 40 Galvanized Steel Nipple | 122.29 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *95.57* | |
| | | *For ASTM 120, Deduct* | *-12.57* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 22 11 16 00-0281 | EA | 3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple | 30.30 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *17.13* | |
| | | *For ASTM 120, Deduct* | *-2.25* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0282 | EA | 1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple | 25.54 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *11.71* | |
| | | *For ASTM 120, Deduct* | *-1.54* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0283 | EA | 3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple | 27.37 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *13.79* | |
| | | *For ASTM 120, Deduct* | *-1.82* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 22 11 16 00-0284 | EA | 1" x 12" Long, Schedule 40 Galvanized Steel Nipple | 32.84 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *18.68* | |
| | | *For ASTM 120, Deduct* | *-2.46* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 22 11 16 00-0285 | EA | 1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple | 39.50 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *24.72* | |
| | | *For ASTM 120, Deduct* | *-3.25* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0286 | EA | 1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple | 40.92 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *26.33* | |
| | | *For ASTM 120, Deduct* | *-3.47* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 22 11 16 00-0287 | EA | 2" x 12" Long, Schedule 40 Galvanized Steel Nipple | 56.91 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *38.66* | |
| | | *For ASTM 120, Deduct* | *-5.09* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 11 16 00-0288 | EA | 2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple | 83.71 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *62.92* | |
| | | *For ASTM 120, Deduct* | *-8.28* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 22 11 16 00-0289 | EA | 3" x 12" Long, Schedule 40 Galvanized Steel Nipple | 112.07 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *88.44* | |
| | | *For ASTM 120, Deduct* | *-11.64* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 22 11 16 00-0290 | EA | 4" x 12" Long, Schedule 40 Galvanized Steel Nipple | 133.89 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *108.79* | |
| | | *For ASTM 120, Deduct* | *-14.31* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |

## 22 11 16 00-0291 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0292 | EA | 1/2", 150 LB, Galvanized Malleable Iron Square Head Plug | 17.53 | 7.60 |
| | | *For Work In Restricted Working Space, Add* | *3.42* | |
| 22 11 16 00-0293 | EA | 3/4", 150 LB, Galvanized Malleable Iron Square Head Plug | 18.88 | 8.55 |
| | | *For Work In Restricted Working Space, Add* | *3.83* | |
| 22 11 16 00-0294 | EA | 1", 150 LB, Galvanized Malleable Iron Square Head Plug | 20.96 | 9.52 |
| | | *For Work In Restricted Working Space, Add* | *4.28* | |
| 22 11 16 00-0295 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug | 26.46 | 10.80 |
| | | *For Work In Restricted Working Space, Add* | *4.84* | |
| 22 11 16 00-0296 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug | 32.10 | 12.08 |
| | | *For Work In Restricted Working Space, Add* | *5.46* | |
| 22 11 16 00-0297 | EA | 2", 150 LB, Galvanized Malleable Iron Square Head Plug | 40.79 | 15.39 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 22 11 16 00-0298 | EA | 2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug | 68.68 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 22 11 16 00-0299 | EA | 3", 150 LB, Galvanized Malleable Iron Square Head Plug | 93.92 | 30.05 |
| | | *For Work In Restricted Working Space, Add* | *13.51* | |
| 22 11 16 00-0300 | EA | 4", 150 LB, Galvanized Malleable Iron Square Head Plug | 146.38 | 29.90 |
| | | *For Work In Restricted Working Space, Add* | *13.46* | |
| 22 11 16 00-0301 | EA | 5", 150 LB, Galvanized Malleable Iron Square Head Plug | 233.06 | 31.24 |
| | | *For Work In Restricted Working Space, Add* | *14.05* | |
| 22 11 16 00-0302 | EA | 6", 150 LB, Galvanized Malleable Iron Square Head Plug | 250.29 | 32.59 |
| | | *For Work In Restricted Working Space, Add* | *14.69* | |

## 22 11 16 00-0303 Galvanized Malleable Iron Bushing *(22 11 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0304 | EA | 3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing | 44.43 | 20.11 |
| | | *For Work In Restricted Working Space, Add* | *9.07* | |
| 22 11 16 00-0305 | EA | 1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing | 49.07 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *9.62* | |
| 22 11 16 00-0306 | EA | 1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing | 49.88 | 22.56 |
| | | *For Work In Restricted Working Space, Add* | *10.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0307 | EA | 1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing | 58.23 | 22.99 |
| | | *For Work In Restricted Working Space, Add* | *10.33* | |
| 22 11 16 00-0308 | EA | 1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing | 57.77 | 24.06 |
| | | *For Work In Restricted Working Space, Add* | *10.84* | |
| 22 11 16 00-0309 | EA | 1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing | 59.63 | 25.34 |
| | | *For Work In Restricted Working Space, Add* | *11.40* | |
| 22 11 16 00-0310 | EA | 1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing | 68.46 | 24.70 |
| | | *For Work In Restricted Working Space, Add* | *11.10* | |
| 22 11 16 00-0311 | EA | 1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing | 70.15 | 25.77 |
| | | *For Work In Restricted Working Space, Add* | *11.61* | |
| 22 11 16 00-0312 | EA | 1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing | 68.93 | 27.05 |
| | | *For Work In Restricted Working Space, Add* | *12.17* | |
| 22 11 16 00-0313 | EA | 1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing | 69.09 | 28.66 |
| | | *For Work In Restricted Working Space, Add* | *12.88* | |
| 22 11 16 00-0314 | EA | 2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing | 82.44 | 28.76 |
| | | *For Work In Restricted Working Space, Add* | *12.95* | |
| 22 11 16 00-0315 | EA | 2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing | 81.41 | 29.94 |
| | | *For Work In Restricted Working Space, Add* | *13.46* | |
| 22 11 16 00-0316 | EA | 2" x 1", 150 LB, Galvanized Malleable Iron Bushing | 81.27 | 31.12 |
| | | *For Work In Restricted Working Space, Add* | *14.01* | |
| 22 11 16 00-0317 | EA | 2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing | 83.63 | 32.72 |
| | | *For Work In Restricted Working Space, Add* | *14.72* | |
| 22 11 16 00-0318 | EA | 2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing | 81.96 | 34.43 |
| | | *For Work In Restricted Working Space, Add* | *15.50* | |
| 22 11 16 00-0319 | EA | 2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing | 115.58 | 39.14 |
| | | *For Work In Restricted Working Space, Add* | *17.62* | |
| 22 11 16 00-0320 | EA | 2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing | 117.43 | 40.42 |
| | | *For Work In Restricted Working Space, Add* | *18.18* | |
| 22 11 16 00-0321 | EA | 2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing | 119.79 | 41.92 |
| | | *For Work In Restricted Working Space, Add* | *18.89* | |
| 22 11 16 00-0322 | EA | 2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing | 121.32 | 43.73 |
| | | *For Work In Restricted Working Space, Add* | *19.66* | |
| 22 11 16 00-0323 | EA | 2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing | 121.11 | 47.80 |
| | | *For Work In Restricted Working Space, Add* | *21.50* | |
| 22 11 16 00-0324 | EA | 3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing | 147.28 | 48.12 |
| | | *For Work In Restricted Working Space, Add* | *21.67* | |
| 22 11 16 00-0325 | EA | 3" x 1", 150 LB, Galvanized Malleable Iron Bushing | 149.14 | 49.40 |
| | | *For Work In Restricted Working Space, Add* | *22.23* | |
| 22 11 16 00-0326 | EA | 3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing | 151.49 | 51.00 |
| | | *For Work In Restricted Working Space, Add* | *22.94* | |
| 22 11 16 00-0327 | EA | 3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing | 152.59 | 52.71 |
| | | *For Work In Restricted Working Space, Add* | *23.71* | |
| 22 11 16 00-0328 | EA | 3" x 2", 150 LB, Galvanized Malleable Iron Bushing | 151.88 | 56.77 |
| | | *For Work In Restricted Working Space, Add* | *25.55* | |
| 22 11 16 00-0329 | EA | 3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing | 169.61 | 66.08 |
| | | *For Work In Restricted Working Space, Add* | *29.71* | |
| 22 11 16 00-0330 | EA | 4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing | 227.70 | 46.92 |
| | | *For Work In Restricted Working Space, Add* | *21.13* | |
| 22 11 16 00-0331 | EA | 4" x 1", 150 LB, Galvanized Malleable Iron Bushing | 229.36 | 48.07 |
| | | *For Work In Restricted Working Space, Add* | *21.63* | |
| 22 11 16 00-0332 | EA | 4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing | 231.48 | 49.51 |
| | | *For Work In Restricted Working Space, Add* | *22.27* | |
| 22 11 16 00-0333 | EA | 4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing | 233.80 | 51.05 |
| | | *For Work In Restricted Working Space, Add* | *22.96* | |
| 22 11 16 00-0334 | EA | 4" x 2", 150 LB, Galvanized Malleable Iron Bushing | 220.81 | 54.70 |
| | | *For Work In Restricted Working Space, Add* | *24.62* | |
| 22 11 16 00-0335 | EA | 4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing | 251.80 | 63.07 |
| | | *For Work In Restricted Working Space, Add* | *28.36* | |
| 22 11 16 00-0336 | EA | 4" x 3", 150 LB, Galvanized Malleable Iron Bushing | 253.55 | 71.14 |
| | | *For Work In Restricted Working Space, Add* | *32.00* | |

## 22 11 16 00-0337 Galvanized Malleable Iron Floor Flange *(22 11 16 00-0013)*

Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0338 | EA | 1/2", 150 LB, Galvanized Malleable Iron Floor Flange | 65.73 | 39.08 |
| 22 11 16 00-0339 | EA | 3/4", 150 LB, Galvanized Malleable Iron Floor Flange | 71.86 | 42.77 |
| 22 11 16 00-0340 | EA | 1", 150 LB, Galvanized Malleable Iron Floor Flange | 82.49 | 48.33 |
| 22 11 16 00-0341 | EA | 1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange | 85.73 | 50.05 |
| 22 11 16 00-0342 | EA | 1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange | 93.30 | 54.43 |
| 22 11 16 00-0343 | EA | 2", 150 LB, Galvanized Malleable Iron Floor Flange | 100.41 | 56.77 |

## 22 11 16 00-0344 Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0345 | EA | 3/4", 125 LB, Galvanized Cast Iron Flange | 124.22 | 42.77 |
| | | *For Work In Restricted Working Space, Add* | *19.25* | |
| 22 11 16 00-0346 | EA | 1", 125 LB, Galvanized Cast Iron Flange | 118.98 | 48.33 |
| | | *For Work In Restricted Working Space, Add* | *21.74* | |
| 22 11 16 00-0347 | EA | 1-1/4", 125 LB, Galvanized Cast Iron Flange | 99.61 | 50.05 |
| | | *For Work In Restricted Working Space, Add* | *22.51* | |
| 22 11 16 00-0348 | EA | 1-1/2", 125 LB, Galvanized Cast Iron Flange | 136.25 | 54.43 |
| | | *For Work In Restricted Working Space, Add* | *24.49* | |
| 22 11 16 00-0349 | EA | 2", 125 LB, Galvanized Cast Iron Flange | 133.21 | 56.77 |
| | | *For Work In Restricted Working Space, Add* | *25.55* | |
| 22 11 16 00-0350 | EA | 2-1/2", 125 LB, Galvanized Cast Iron Flange | 154.72 | 65.76 |
| | | *For Work In Restricted Working Space, Add* | *29.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0351 | EA | 3", 125 LB, Galvanized Cast Iron Flange | 276.76 | 83.40 |
| | | *For Work In Restricted Working Space, Add* | *37.51* | |
| 22 11 16 00-0352 | EA | 4", 125 LB, Galvanized Cast Iron Flange | 360.44 | 102.58 |
| | | *For Work In Restricted Working Space, Add* | *46.13* | |
| 22 11 16 00-0353 | EA | 5", 125 LB, Galvanized Cast Iron Flange | 507.51 | 122.10 |
| | | *For Work In Restricted Working Space, Add* | *54.92* | |
| 22 11 16 00-0354 | EA | 6", 125 LB, Galvanized Cast Iron Flange | 557.08 | 140.27 |
| | | *For Work In Restricted Working Space, Add* | *63.09* | |
| 22 11 16 00-0355 | EA | 8", 125 LB, Galvanized Cast Iron Flange | 511.48 | 160.31 |
| | | *For Work In Restricted Working Space, Add* | *72.11* | |

### 22 11 16 00-0356 Cut And Thread Existing In-Place Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: For use when connecting pipe to an existing in-place system.

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0357 | EA | 1/2", Cut And Thread Existing In Place Galvanized Steel Pipe | 34.84 | |
| | | *For Work In Restricted Working Space, Add* | *10.45* | |
| 22 11 16 00-0358 | EA | 3/4", Cut And Thread Existing In Place Galvanized Steel Pipe | 38.32 | |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| 22 11 16 00-0359 | EA | 1", Cut And Thread Existing In Place Galvanized Steel Pipe | 41.81 | |
| | | *For Work In Restricted Working Space, Add* | *12.54* | |
| 22 11 16 00-0360 | EA | 1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe | 45.29 | |
| | | *For Work In Restricted Working Space, Add* | *13.59* | |
| 22 11 16 00-0361 | EA | 1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe | 47.60 | |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| 22 11 16 00-0362 | EA | 2", Cut And Thread Existing In Place Galvanized Steel Pipe | 49.93 | |
| | | *For Work In Restricted Working Space, Add* | *14.98* | |
| 22 11 16 00-0363 | EA | 2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe | 52.26 | |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |
| 22 11 16 00-0364 | EA | 3", Cut And Thread Existing In Place Galvanized Steel Pipe | 54.57 | |
| | | *For Work In Restricted Working Space, Add* | *16.37* | |
| 22 11 16 00-0365 | EA | 4", Cut And Thread Existing In Place Galvanized Steel Pipe | 56.90 | |
| | | *For Work In Restricted Working Space, Add* | *17.07* | |
| 22 11 16 00-0366 | EA | 6", Cut And Thread Existing In Place Galvanized Steel Pipe | 61.54 | |
| | | *For Work In Restricted Working Space, Add* | *18.46* | |
| 22 11 16 00-0367 | EA | 8", Cut And Thread Existing In Place Galvanized Steel Pipe | 66.18 | |
| | | *For Work In Restricted Working Space, Add* | *19.85* | |

### 22 11 16 00-0368 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0821 for pipe with fittings assembly.

### 22 11 16 00-0369 Copper Tube/Pipe *(22 11 16 00-0368)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

### 22 11 16 00-0370 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0369)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0371 | LF | 1/4" Hard Drawn Type L Copper Tube/Pipe | 5.18 | 2.61 |
| | | *For Up To 20, Add* | *0.55* | |
| | | *For >150, Deduct* | *-0.13* | |
| | | *For Work In Restricted Working Space, Add* | *1.18* | |
| 22 11 16 00-0372 | LF | 3/8" Hard Drawn Type L Copper Tube/Pipe | 5.92 | 2.72 |
| | | *For Up To 20, Add* | *0.64* | |
| | | *For >150, Deduct* | *-0.18* | |
| | | *For Work In Restricted Working Space, Add* | *1.22* | |
| 22 11 16 00-0373 | LF | 1/2" Hard Drawn Type L Copper Tube/Pipe | 6.45 | 2.83 |
| | | *For Up To 20, Add* | *0.70* | |
| | | *For >150, Deduct* | *-0.22* | |
| | | *For Work In Restricted Working Space, Add* | *1.28* | |
| 22 11 16 00-0374 | LF | 3/4" Hard Drawn Type L Copper Tube/Pipe | 8.08 | 3.01 |
| | | *For Up To 20, Add* | *0.90* | |
| | | *For >150, Deduct* | *-0.36* | |
| | | *For Work In Restricted Working Space, Add* | *1.35* | |
| 22 11 16 00-0375 | LF | 1" Hard Drawn Type L Copper Tube/Pipe | 10.23 | 3.38 |
| | | *For Up To 20, Add* | *1.15* | |
| | | *For >150, Deduct* | *-0.52* | |
| | | *For Work In Restricted Working Space, Add* | *1.52* | |
| 22 11 16 00-0376 | LF | 1-1/4" Hard Drawn Type L Copper Tube/Pipe | 14.64 | 5.02 |
| | | *For Up To 20, Add* | *1.64* | |
| | | *For >150, Deduct* | *-0.71* | |
| | | *For Work In Restricted Working Space, Add* | *2.26* | |
| 22 11 16 00-0377 | LF | 1-1/2" Hard Drawn Type L Copper Tube/Pipe | 17.57 | 5.61 |
| | | *For Up To 20, Add* | *1.99* | |
| | | *For >150, Deduct* | *-0.92* | |
| | | *For Work In Restricted Working Space, Add* | *2.52* | |
| 22 11 16 00-0378 | LF | 2" Hard Drawn Type L Copper Tube/Pipe | 24.85 | 6.92 |
| | | *For Up To 20, Add* | *2.85* | |
| | | *For >150, Deduct* | *-1.45* | |
| | | *For Work In Restricted Working Space, Add* | *3.11* | |
| 22 11 16 00-0379 | LF | 2-1/2" Hard Drawn Type L Copper Tube/Pipe | 45.36 | 8.14 |
| | | *For Up To 20, Add* | *5.06* | |
| | | *For >150, Deduct* | *-2.09* | |
| | | *For Work In Restricted Working Space, Add* | *7.33* | |
| 22 11 16 00-0380 | LF | 3" Hard Drawn Type L Copper Tube/Pipe | 56.66 | 9.59 |
| | | *For Up To 20, Add* | *6.36* | |
| | | *For >150, Deduct* | *-2.79* | |
| | | *For Work In Restricted Working Space, Add* | *8.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0381 | LF | 4" Hard Drawn Type L Copper Tube/Pipe | 82.17 | 10.82 |
| | | *For Up To 20, Add* | *9.46* | |
| | | *For >150, Deduct* | *-4.97* | |
| | | *For Work In Restricted Working Space, Add* | *9.73* | |
| 22 11 16 00-0382 | LF | 5" Hard Drawn Type L Copper Tube/Pipe | 125.11 | 12.42 |
| | | *For Up To 20, Add* | *14.71* | |
| | | *For >150, Deduct* | *-8.78* | |
| | | *For Work In Restricted Working Space, Add* | *11.18* | |
| 22 11 16 00-0383 | LF | 6" Hard Drawn Type L Copper Tube/Pipe | 173.30 | 19.26 |
| | | *For Up To 20, Add* | *20.22* | |
| | | *For >150, Deduct* | *-11.56* | |
| | | *For Work In Restricted Working Space, Add* | *17.32* | |
| 22 11 16 00-0384 | LF | 8" Hard Drawn Type L Copper Tube/Pipe | 281.99 | 21.41 |
| | | *For Up To 20, Add* | *33.64* | |
| | | *For >150, Deduct* | *-21.78* | |
| | | *For Work In Restricted Working Space, Add* | *19.26* | |

## 22 11 16 00-0385 Hard Drawn Type K Copper Tube/Pipe *(22 11 16 00-0369)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0386 | LF | 1/4" Hard Drawn Type K Copper Tube/Pipe | 5.63 | 2.81 |
| | | *For Up To 20, Add* | *0.60* | |
| | | *For >150, Deduct* | *-0.14* | |
| | | *For Work In Restricted Working Space, Add* | *1.26* | |
| 22 11 16 00-0387 | LF | 3/8" Hard Drawn Type K Copper Tube/Pipe | 7.35 | 2.93 |
| | | *For Up To 20, Add* | *0.80* | |
| | | *For >150, Deduct* | *-0.25* | |
| | | *For Work In Restricted Working Space, Add* | *1.44* | |
| 22 11 16 00-0388 | LF | 1/2" Hard Drawn Type K Copper Tube/Pipe | 7.68 | 3.04 |
| | | *For Up To 20, Add* | *0.84* | |
| | | *For >150, Deduct* | *-0.30* | |
| | | *For Work In Restricted Working Space, Add* | *1.41* | |
| 22 11 16 00-0389 | LF | 3/4" Hard Drawn Type K Copper Tube/Pipe | 10.82 | 3.23 |
| | | *For Up To 20, Add* | *1.22* | |
| | | *For >150, Deduct* | *-0.54* | |
| | | *For Work In Restricted Working Space, Add* | *1.63* | |
| 22 11 16 00-0390 | LF | 1" Hard Drawn Type K Copper Tube/Pipe | 12.93 | 3.63 |
| | | *For Up To 20, Add* | *1.47* | |
| | | *For >150, Deduct* | *-0.72* | |
| | | *For Work In Restricted Working Space, Add* | *1.73* | |
| 22 11 16 00-0391 | LF | 1-1/4" Hard Drawn Type K Copper Tube/Pipe | 17.10 | 5.40 |
| | | *For Up To 20, Add* | *1.93* | |
| | | *For >150, Deduct* | *-0.89* | |
| | | *For Work In Restricted Working Space, Add* | *2.46* | |
| 22 11 16 00-0392 | LF | 1-1/2" Hard Drawn Type K Copper Tube/Pipe | 20.62 | 6.03 |
| | | *For Up To 20, Add* | *2.35* | |
| | | *For >150, Deduct* | *-1.14* | |
| | | *For Work In Restricted Working Space, Add* | *2.76* | |
| 22 11 16 00-0393 | LF | 2" Hard Drawn Type K Copper Tube/Pipe | 28.82 | 7.44 |
| | | *For Up To 20, Add* | *3.32* | |
| | | *For >150, Deduct* | *-1.75* | |
| | | *For Work In Restricted Working Space, Add* | *3.39* | |
| 22 11 16 00-0394 | LF | 2-1/2" Hard Drawn Type K Copper Tube/Pipe | 50.68 | 8.74 |
| | | *For Up To 20, Add* | *5.72* | |
| | | *For >150, Deduct* | *-2.61* | |
| | | *For Work In Restricted Working Space, Add* | *7.37* | |
| 22 11 16 00-0395 | LF | 3" Hard Drawn Type K Copper Tube/Pipe | 67.35 | 10.31 |
| | | *For Up To 20, Add* | *7.63* | |
| | | *For >150, Deduct* | *-3.57* | |
| | | *For Work In Restricted Working Space, Add* | *9.49* | |
| 22 11 16 00-0396 | LF | 4" Hard Drawn Type K Copper Tube/Pipe | 99.50 | 11.63 |
| | | *For Up To 20, Add* | *11.54* | |
| | | *For >150, Deduct* | *-6.37* | |
| | | *For Work In Restricted Working Space, Add* | *10.76* | |
| 22 11 16 00-0397 | LF | 5" Hard Drawn Type K Copper Tube/Pipe | 158.96 | 13.36 |
| | | *For Up To 20, Add* | *18.81* | |
| | | *For >150, Deduct* | *-11.67* | |
| | | *For Work In Restricted Working Space, Add* | *12.69* | |
| 22 11 16 00-0398 | LF | 6" Hard Drawn Type K Copper Tube/Pipe | 235.58 | 20.70 |
| | | *For Up To 20, Add* | *27.74* | |
| | | *For >150, Deduct* | *-16.74* | |
| | | *For Work In Restricted Working Space, Add* | *20.46* | |
| 22 11 16 00-0399 | LF | 8" Hard Drawn Type K Copper Tube/Pipe | 388.56 | 23.01 |
| | | *For Up To 20, Add* | *46.69* | |
| | | *For >150, Deduct* | *-31.34* | |
| | | *For Work In Restricted Working Space, Add* | *22.55* | |

## 22 11 16 00-0400 Hard Drawn Type M Copper Tube/Pipe *(22 11 16 00-0369)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0401 | LF | 3/8" Hard Drawn Type M Copper Tube/Pipe | 4.96 | 2.45 |
| | | *For Up To 20, Add* | *0.53* | |
| | | *For >150, Deduct* | *-0.14* | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| 22 11 16 00-0402 | LF | 1/2" Hard Drawn Type M Copper Tube/Pipe | 5.26 | 2.56 |
| | | *For Up To 20, Add* | *0.57* | |
| | | *For >150, Deduct* | *-0.16* | |
| | | *For Work In Restricted Working Space, Add* | *1.09* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0403 | LF | 3/4" Hard Drawn Type M Copper Tube/Pipe | 6.50 | 2.71 |
| | | *For Up To 20, Add* | *0.72* | |
| | | *For >150, Deduct* | *-0.26* | |
| | | *For Work In Restricted Working Space, Add* | *1.17* | |
| 22 11 16 00-0404 | LF | 1" Hard Drawn Type M Copper Tube/Pipe | 8.36 | 3.04 |
| | | *For Up To 20, Add* | *0.94* | |
| | | *For >150, Deduct* | *-0.40* | |
| | | *For Work In Restricted Working Space, Add* | *1.30* | |
| 22 11 16 00-0405 | LF | 1-1/4" Hard Drawn Type M Copper Tube/Pipe | 12.55 | 4.53 |
| | | *For Up To 20, Add* | *1.40* | |
| | | *For >150, Deduct* | *-0.59* | |
| | | *For Work In Restricted Working Space, Add* | *2.00* | |
| 22 11 16 00-0406 | LF | 1-1/2" Hard Drawn Type M Copper Tube/Pipe | 15.75 | 5.05 |
| | | *For Up To 20, Add* | *1.78* | |
| | | *For >150, Deduct* | *-0.81* | |
| | | *For Work In Restricted Working Space, Add* | *2.30* | |
| 22 11 16 00-0407 | LF | 2" Hard Drawn Type M Copper Tube/Pipe | 22.24 | 6.22 |
| | | *For Up To 20, Add* | *2.54* | |
| | | *For >150, Deduct* | *-1.27* | |
| | | *For Work In Restricted Working Space, Add* | *2.85* | |
| 22 11 16 00-0408 | LF | 2-1/2" Hard Drawn Type M Copper Tube/Pipe | 41.59 | 7.32 |
| | | *For Up To 20, Add* | *4.62* | |
| | | *For >150, Deduct* | *-1.85* | |
| | | *For Work In Restricted Working Space, Add* | *6.93* | |
| 22 11 16 00-0409 | LF | 3" Hard Drawn Type M Copper Tube/Pipe | 50.52 | 8.63 |
| | | *For Up To 20, Add* | *5.67* | |
| | | *For >150, Deduct* | *-2.46* | |
| | | *For Work In Restricted Working Space, Add* | *7.78* | |
| 22 11 16 00-0410 | LF | 4" Hard Drawn Type M Copper Tube/Pipe | 76.31 | 9.74 |
| | | *For Up To 20, Add* | *8.78* | |
| | | *For >150, Deduct* | *-4.60* | |
| | | *For Work In Restricted Working Space, Add* | *9.08* | |
| 22 11 16 00-0411 | LF | 5" Hard Drawn Type M Copper Tube/Pipe | 124.33 | 11.18 |
| | | *For Up To 20, Add* | *14.67* | |
| | | *For >150, Deduct* | *-8.94* | |
| | | *For Work In Restricted Working Space, Add* | *10.49* | |
| 22 11 16 00-0412 | LF | 6" Hard Drawn Type M Copper Tube/Pipe | 173.52 | 17.34 |
| | | *For Up To 20, Add* | *20.34* | |
| | | *For >150, Deduct* | *-11.94* | |
| | | *For Work In Restricted Working Space, Add* | *16.24* | |
| 22 11 16 00-0413 | LF | 8" Hard Drawn Type M Copper Tube/Pipe | 285.81 | 19.27 |
| | | *For Up To 20, Add* | *34.24* | |
| | | *For >150, Deduct* | *-22.63* | |
| | | *For Work In Restricted Working Space, Add* | *17.86* | |

## 22 11 16 00-0414 Soft Drawn Type L Copper Tube *(22 11 16 00-0369)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0415 | LF | 1/4" Soft Drawn Type L Copper Tube | 5.53 | 2.61 |
| | | *For Up To 20, Add* | *0.59* | |
| | | *For >150, Deduct* | *-0.16* | |
| | | *For Work In Restricted Working Space, Add* | *1.17* | |
| 22 11 16 00-0416 | LF | 3/8" Soft Drawn Type L Copper Tube | 6.60 | 2.72 |
| | | *For Up To 20, Add* | *0.72* | |
| | | *For >150, Deduct* | *-0.25* | |
| | | *For Work In Restricted Working Space, Add* | *1.22* | |
| 22 11 16 00-0417 | LF | 1/2" Soft Drawn Type L Copper Tube | 7.64 | 2.83 |
| | | *For Up To 20, Add* | *0.85* | |
| | | *For >150, Deduct* | *-0.34* | |
| | | *For Work In Restricted Working Space, Add* | *1.28* | |
| 22 11 16 00-0418 | LF | 5/8" Soft Drawn Type L Copper Tube | 8.73 | 2.93 |
| | | *For Up To 20, Add* | *0.98* | |
| | | *For >150, Deduct* | *-0.44* | |
| | | *For Work In Restricted Working Space, Add* | *1.31* | |
| 22 11 16 00-0419 | LF | 3/4" Soft Drawn Type L Copper Tube | 9.69 | 3.01 |
| | | *For Up To 20, Add* | *1.10* | |
| | | *For >150, Deduct* | *-0.52* | |
| | | *For Work In Restricted Working Space, Add* | *1.35* | |
| 22 11 16 00-0420 | LF | 1" Soft Drawn Type L Copper Tube | 12.25 | 3.38 |
| | | *For Up To 20, Add* | *1.40* | |
| | | *For >150, Deduct* | *-0.72* | |
| | | *For Work In Restricted Working Space, Add* | *1.52* | |
| 22 11 16 00-0421 | LF | 1-1/4" Soft Drawn Type L Copper Tube | 16.98 | 5.02 |
| | | *For Up To 20, Add* | *1.93* | |
| | | *For >150, Deduct* | *-0.95* | |
| | | *For Work In Restricted Working Space, Add* | *2.26* | |
| 22 11 16 00-0422 | LF | 1-1/2" Soft Drawn Type L Copper Tube | 21.22 | 5.61 |
| | | *For Up To 20, Add* | *2.44* | |
| | | *For >150, Deduct* | *-1.28* | |
| | | *For Work In Restricted Working Space, Add* | *2.52* | |
| 22 11 16 00-0423 | LF | 2" Soft Drawn Type L Copper Tube | 30.73 | 6.92 |
| | | *For Up To 20, Add* | *3.58* | |
| | | *For >150, Deduct* | *-2.04* | |
| | | *For Work In Restricted Working Space, Add* | *3.11* | |

## 22 11 16 00-0424 Soft Drawn Type K Copper Tube *(22 11 16 00-0369)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0425 | LF | 1/4" Soft Drawn Type K Copper Tube | 5.70 | 2.61 |
| | | *For Up To 20, Add* | *0.61* | |
| | | *For >150, Deduct* | *-0.18* | |
| | | *For Work In Restricted Working Space, Add* | *1.17* | |
| 22 11 16 00-0426 | LF | 3/8" Soft Drawn Type K Copper Tube | 7.13 | 2.72 |
| | | *For Up To 20, Add* | *0.79* | |
| | | *For >150, Deduct* | *-0.31* | |
| | | *For Work In Restricted Working Space, Add* | *1.22* | |
| 22 11 16 00-0427 | LF | 1/2" Soft Drawn Type K Copper Tube | 8.07 | 2.83 |
| | | *For Up To 20, Add* | *0.90* | |
| | | *For >150, Deduct* | *-0.38* | |
| | | *For Work In Restricted Working Space, Add* | *1.28* | |
| 22 11 16 00-0428 | LF | 5/8" Soft Drawn Type K Copper Tube | 8.94 | 2.93 |
| | | *For Up To 20, Add* | *1.01* | |
| | | *For >150, Deduct* | *-0.46* | |
| | | *For Work In Restricted Working Space, Add* | *1.31* | |
| 22 11 16 00-0429 | LF | 3/4" Soft Drawn Type K Copper Tube | 11.58 | 3.01 |
| | | *For Up To 20, Add* | *1.33* | |
| | | *For >150, Deduct* | *-0.71* | |
| | | *For Work In Restricted Working Space, Add* | *1.35* | |
| 22 11 16 00-0430 | LF | 1" Soft Drawn Type K Copper Tube | 14.45 | 3.38 |
| | | *For Up To 20, Add* | *1.68* | |
| | | *For >150, Deduct* | *-0.94* | |
| | | *For Work In Restricted Working Space, Add* | *1.52* | |
| 22 11 16 00-0431 | LF | 1-1/4" Soft Drawn Type K Copper Tube | 18.59 | 5.02 |
| | | *For Up To 20, Add* | *2.14* | |
| | | *For >150, Deduct* | *-1.11* | |
| | | *For Work In Restricted Working Space, Add* | *2.26* | |
| 22 11 16 00-0432 | LF | 1-1/2" Soft Drawn Type K Copper Tube | 23.78 | 5.61 |
| | | *For Up To 20, Add* | *2.76* | |
| | | *For >150, Deduct* | *-1.54* | |
| | | *For Work In Restricted Working Space, Add* | *2.52* | |
| 22 11 16 00-0433 | LF | 2" Soft Drawn Type K Copper Tube | 34.27 | 6.92 |
| | | *For Up To 20, Add* | *4.02* | |
| | | *For >150, Deduct* | *-2.39* | |
| | | *For Work In Restricted Working Space, Add* | *3.11* | |
| 22 11 16 00-0434 | LF | 2-1/2" Soft Drawn Type K Copper Tube | 48.28 | 8.30 |
| | | *For Up To 20, Add* | *5.72* | |
| | | *For >150, Deduct* | *-3.58* | |
| | | *For Work In Restricted Working Space, Add* | *3.73* | |
| 22 11 16 00-0435 | LF | 3" Soft Drawn Type K Copper Tube | 64.54 | 9.80 |
| | | *For Up To 20, Add* | *7.70* | |
| | | *For >150, Deduct* | *-4.99* | |
| | | *For Work In Restricted Working Space, Add* | *4.40* | |

### 22 11 16 00-0436 Copper And Brass Fittings *(22 11 16 00-0368)*

Note: All fittings are based on 95/5 solder.

### 22 11 16 00-0437 90 Degree Copper Elbows *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0438 | EA | 1/4" 90 Degree Copper Elbow | 26.94 | 15.49 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 22 11 16 00-0439 | EA | 3/8" 90 Degree Copper Elbow | 31.80 | 18.58 |
| | | *For Work In Restricted Working Space, Add* | *8.36* | |
| 22 11 16 00-0440 | EA | 1/2" 90 Degree Copper Elbow | 39.59 | 25.54 |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| 22 11 16 00-0441 | EA | 3/4" 90 Degree Copper Elbow | 50.47 | 31.82 |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| 22 11 16 00-0442 | EA | 1" 90 Degree Copper Elbow | 63.91 | 37.97 |
| | | *For Work In Restricted Working Space, Add* | *17.07* | |
| 22 11 16 00-0443 | EA | 1-1/4" 90 Degree Copper Elbow | 72.01 | 41.10 |
| | | *For Work In Restricted Working Space, Add* | *18.46* | |
| 22 11 16 00-0444 | EA | 1-1/2" 90 Degree Copper Elbow | 83.73 | 44.94 |
| | | *For Work In Restricted Working Space, Add* | *20.21* | |
| 22 11 16 00-0445 | EA | 2" 90 Degree Copper Elbow | 105.34 | 50.39 |
| | | *For Work In Restricted Working Space, Add* | *22.64* | |
| 22 11 16 00-0446 | EA | 2-1/2" 90 Degree Copper Elbow | 135.55 | 51.32 |
| | | *For Work In Restricted Working Space, Add* | *23.09* | |
| 22 11 16 00-0447 | EA | 3" 90 Degree Copper Elbow | 174.55 | 61.38 |
| | | *For Work In Restricted Working Space, Add* | *27.59* | |
| 22 11 16 00-0448 | EA | 4" 90 Degree Copper Elbow | 330.85 | 87.04 |
| | | *For Work In Restricted Working Space, Add* | *39.14* | |
| 22 11 16 00-0449 | EA | 5" 90 Degree Copper Elbow | 1,018.10 | 119.12 |
| | | *For Work In Restricted Working Space, Add* | *53.57* | |
| 22 11 16 00-0450 | EA | 6" 90 Degree Copper Elbow | 1,379.01 | 173.33 |
| | | *For Work In Restricted Working Space, Add* | *77.95* | |
| 22 11 16 00-0451 | EA | 8" 90 Degree Copper Elbow | 4,486.84 | 231.07 |
| | | *For Work In Restricted Working Space, Add* | *103.93* | |

### 22 11 16 00-0452 90 Degree Brass Elbows *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0453 | EA | 1/2" Drop Ear 90 Degree Brass Elbow | 46.32 | 25.54 |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *6.15* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-4.23* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *5.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0454 | EA | 3/4" Drop Ear 90 Degree Brass Elbow | 70.92 | 31.82 |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *8.31* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-5.93* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *7.14* | |
| 22 11 16 00-0455 | EA | 1/2" Flanged Sink 90 Degree Brass Elbow | 52.90 | 25.54 |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *6.48* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-4.56* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *5.75* | |
| 22 11 16 00-0456 | EA | 3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded | 39.83 | 18.58 |
| | | *For Work In Restricted Working Space, Add* | *8.36* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *4.78* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-3.39* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *4.18* | |
| 22 11 16 00-0457 | EA | 1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded | 46.88 | 25.54 |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *6.18* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-4.26* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *5.75* | |
| 22 11 16 00-0458 | EA | 3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded | 62.68 | 31.82 |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *7.89* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-5.51* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *7.14* | |
| 22 11 16 00-0459 | EA | 1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded | 105.03 | 37.97 |
| | | *For Work In Restricted Working Space, Add* | *17.07* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *10.94* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-8.10* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *8.54* | |

### 22 11 16 00-0460 Reducing 90 Degree Copper Elbows *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0461 | EA | 1/2" Reducing 90 Degree Copper Elbow | 48.65 | 25.54 |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *6.26* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-4.35* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *5.75* | |
| 22 11 16 00-0462 | EA | 3/4" Reducing 90 Degree Copper Elbow | 54.93 | 31.82 |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *7.51* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-5.13* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *7.14* | |
| 22 11 16 00-0463 | EA | 1" Reducing 90 Degree Copper Elbow | 70.35 | 37.97 |
| | | *For Work In Restricted Working Space, Add* | *17.07* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *9.21* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-6.36* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *8.54* | |
| 22 11 16 00-0464 | EA | 1-1/4" Reducing 90 Degree Copper Elbow | 95.80 | 41.10 |
| | | *For Work In Restricted Working Space, Add* | *18.46* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *10.94* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-7.87* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *9.23* | |
| 22 11 16 00-0465 | EA | 1-1/2" Reducing 90 Degree Copper Elbow | 112.36 | 44.94 |
| | | *For Work In Restricted Working Space, Add* | *20.21* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *12.35* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-8.99* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *10.10* | |
| 22 11 16 00-0466 | EA | 2" Reducing 90 Degree Copper Elbow | 136.05 | 50.39 |
| | | *For Work In Restricted Working Space, Add* | *22.64* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *14.35* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-10.58* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *11.32* | |

### 22 11 16 00-0467 45 Degree Copper Elbows *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0468 | EA | 1/4" 45 Degree Copper Elbow | 30.16 | 15.49 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 22 11 16 00-0469 | EA | 3/8" 45 Degree Copper Elbow | 33.82 | 18.58 |
| | | *For Work In Restricted Working Space, Add* | *8.36* | |
| 22 11 16 00-0470 | EA | 1/2" 45 Degree Copper Elbow | 40.66 | 25.54 |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| 22 11 16 00-0471 | EA | 3/4" 45 Degree Copper Elbow | 51.60 | 31.82 |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| 22 11 16 00-0472 | EA | 1" 45 Degree Copper Elbow | 66.88 | 37.97 |
| | | *For Work In Restricted Working Space, Add* | *17.07* | |
| 22 11 16 00-0473 | EA | 1-1/4" 45 Degree Copper Elbow | 75.06 | 41.10 |
| | | *For Work In Restricted Working Space, Add* | *18.46* | |
| 22 11 16 00-0474 | EA | 1-1/2" 45 Degree Copper Elbow | 83.95 | 44.94 |
| | | *For Work In Restricted Working Space, Add* | *20.21* | |
| 22 11 16 00-0475 | EA | 2" 45 Degree Copper Elbow | 103.14 | 50.39 |
| | | *For Work In Restricted Working Space, Add* | *22.64* | |
| 22 11 16 00-0476 | EA | 2-1/2" 45 Degree Copper Elbow | 134.84 | 51.32 |
| | | *For Work In Restricted Working Space, Add* | *23.09* | |
| 22 11 16 00-0477 | EA | 3" 45 Degree Copper Elbow | 177.80 | 61.38 |
| | | *For Work In Restricted Working Space, Add* | *27.59* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0478 | EA | 4" 45 Degree Copper Elbow | 313.51 | 87.04 |
| | | *For Work In Restricted Working Space, Add* | *39.14* | |
| 22 11 16 00-0479 | EA | 5" 45 Degree Copper Elbow | 887.52 | 119.12 |
| | | *For Work In Restricted Working Space, Add* | *53.57* | |
| 22 11 16 00-0480 | EA | 6" 45 Degree Copper Elbow | 1,377.10 | 173.33 |
| | | *For Work In Restricted Working Space, Add* | *77.95* | |
| 22 11 16 00-0481 | EA | 8" 45 Degree Copper Elbow | 4,142.86 | 231.07 |
| | | *For Work In Restricted Working Space, Add* | *103.93* | |
| **22 11 16 00-0482** | | **Straight Copper And Brass Tees** *(22 11 16 00-0436)* | | |
| 22 11 16 00-0483 | EA | 1/4" Straight Copper Tee | 42.63 | 23.22 |
| | | *For Work In Restricted Working Space, Add* | *10.45* | |
| 22 11 16 00-0484 | EA | 3/8" Straight Copper Tee | 48.07 | 27.87 |
| | | *For Work In Restricted Working Space, Add* | *12.54* | |
| 22 11 16 00-0485 | EA | 1/2" Straight Copper Tee | 60.25 | 38.78 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| 22 11 16 00-0486 | EA | 3/4" Straight Copper Tee | 77.23 | 48.07 |
| | | *For Work In Restricted Working Space, Add* | *21.60* | |
| 22 11 16 00-0487 | EA | 1" Straight Copper Tee | 101.68 | 57.36 |
| | | *For Work In Restricted Working Space, Add* | *25.78* | |
| 22 11 16 00-0488 | EA | 1-1/4" Straight Copper Tee | 114.83 | 62.00 |
| | | *For Work In Restricted Working Space, Add* | *27.87* | |
| 22 11 16 00-0489 | EA | 1-1/2" Straight Copper Tee | 134.21 | 67.35 |
| | | *For Work In Restricted Working Space, Add* | *30.31* | |
| 22 11 16 00-0490 | EA | 2" Straight Copper Tee | 166.56 | 75.94 |
| | | *For Work In Restricted Working Space, Add* | *34.14* | |
| 22 11 16 00-0491 | EA | 2-1/2" Straight Copper Tee | 219.87 | 76.98 |
| | | *For Work In Restricted Working Space, Add* | *34.64* | |
| 22 11 16 00-0492 | EA | 3" Straight Copper Tee | 298.49 | 92.71 |
| | | *For Work In Restricted Working Space, Add* | *41.70* | |
| 22 11 16 00-0493 | EA | 4" Straight Copper Tee | 580.61 | 129.81 |
| | | *For Work In Restricted Working Space, Add* | *58.38* | |
| 22 11 16 00-0494 | EA | 5" Straight Copper Tee | 1,528.11 | 177.61 |
| | | *For Work In Restricted Working Space, Add* | *79.87* | |
| 22 11 16 00-0495 | EA | 6" Straight Copper Tee | 2,115.23 | 260.36 |
| | | *For Work In Restricted Working Space, Add* | *117.08* | |
| 22 11 16 00-0496 | EA | 8" Straight Copper Tee | 7,173.58 | 346.65 |
| | | *For Work In Restricted Working Space, Add* | *155.90* | |
| 22 11 16 00-0497 | EA | 1/2" Cast Bronze Drop Ear Tee | 71.54 | 38.78 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| **22 11 16 00-0498** | | **Reducing Copper Tees** *(22 11 16 00-0436)* | | |
| 22 11 16 00-0499 | EA | 3/8" Reducing Copper Tee | 49.54 | 24.73 |
| | | *For Work In Restricted Working Space, Add* | *11.15* | |
| 22 11 16 00-0500 | EA | 1/2" Reducing Copper Tee | 63.16 | 34.84 |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |
| 22 11 16 00-0501 | EA | 3/4" Reducing Copper Tee | 72.91 | 44.94 |
| | | *For Work In Restricted Working Space, Add* | *20.21* | |
| 22 11 16 00-0502 | EA | 1" Reducing Copper Tee | 98.94 | 54.23 |
| | | *For Work In Restricted Working Space, Add* | *24.38* | |
| 22 11 16 00-0503 | EA | 1-1/4" Reducing Copper Tee | 115.04 | 58.87 |
| | | *For Work In Restricted Working Space, Add* | *26.48* | |
| 22 11 16 00-0504 | EA | 1-1/2" Reducing Copper Tee | 134.25 | 64.33 |
| | | *For Work In Restricted Working Space, Add* | *28.91* | |
| 22 11 16 00-0505 | EA | 2" Reducing Copper Tee | 162.74 | 71.99 |
| | | *For Work In Restricted Working Space, Add* | *32.40* | |
| 22 11 16 00-0506 | EA | 2-1/2" Reducing Copper Tee | 225.56 | 74.20 |
| | | *For Work In Restricted Working Space, Add* | *33.36* | |
| 22 11 16 00-0507 | EA | 3" Reducing Copper Tee | 316.11 | 85.54 |
| | | *For Work In Restricted Working Space, Add* | *38.49* | |
| 22 11 16 00-0508 | EA | 4" Reducing Copper Tee | 553.60 | 105.53 |
| | | *For Work In Restricted Working Space, Add* | *47.48* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *43.51* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-35.59* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *23.74* | |
| **22 11 16 00-0509** | | **Copper Couplings** *(22 11 16 00-0436)* | | |
| 22 11 16 00-0510 | EA | 1/4" Copper Coupling | 23.96 | 15.49 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 22 11 16 00-0511 | EA | 3/8" Copper Coupling | 28.86 | 18.58 |
| | | *For Work In Restricted Working Space, Add* | *8.36* | |
| 22 11 16 00-0512 | EA | 1/2" Copper Coupling | 39.13 | 25.54 |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| 22 11 16 00-0513 | EA | 3/4" Copper Coupling | 49.26 | 31.82 |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| 22 11 16 00-0514 | EA | 1" Copper Coupling | 60.19 | 37.97 |
| | | *For Work In Restricted Working Space, Add* | *17.07* | |
| 22 11 16 00-0515 | EA | 1-1/4" Copper Coupling | 67.34 | 41.10 |
| | | *For Work In Restricted Working Space, Add* | *18.46* | |
| 22 11 16 00-0516 | EA | 1-1/2" Copper Coupling | 75.03 | 44.94 |
| | | *For Work In Restricted Working Space, Add* | *20.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0517 | EA | 2" Copper Coupling | 88.25 | 49.93 |
| | | *For Work In Restricted Working Space, Add* | *22.64* | |
| 22 11 16 00-0518 | EA | 2-1/2" Copper Coupling | 98.97 | 48.54 |
| | | *For Work In Restricted Working Space, Add* | *21.81* | |
| 22 11 16 00-0519 | EA | 3" Copper Coupling | 123.42 | 58.81 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 22 11 16 00-0520 | EA | 4" Copper Coupling | 196.36 | 79.13 |
| | | *For Work In Restricted Working Space, Add* | *35.29* | |
| 22 11 16 00-0521 | EA | 5" Copper Coupling | 324.48 | 144.35 |
| | | *For Work In Restricted Working Space, Add* | *48.12* | |
| 22 11 16 00-0522 | EA | 6" Copper Coupling | 506.42 | 156.85 |
| | | *For Work In Restricted Working Space, Add* | *70.57* | |
| 22 11 16 00-0523 | EA | 8" Copper Coupling | 1,191.26 | 207.97 |
| | | *For Work In Restricted Working Space, Add* | *93.67* | |

### 22 11 16 00-0524 Reducing Copper Couplings *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0525 | EA | 3/8" Reducing Copper Coupling | 24.85 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 22 11 16 00-0526 | EA | 1/2" Reducing Copper Coupling | 34.80 | 22.06 |
| | | *For Work In Restricted Working Space, Add* | *9.93* | |
| 22 11 16 00-0527 | EA | 3/4" Reducing Copper Coupling | 45.90 | 28.68 |
| | | *For Work In Restricted Working Space, Add* | *12.89* | |
| 22 11 16 00-0528 | EA | 1" Reducing Copper Coupling | 57.57 | 34.84 |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |
| 22 11 16 00-0529 | EA | 1-1/4" Reducing Copper Coupling | 66.61 | 39.48 |
| | | *For Work In Restricted Working Space, Add* | *17.76* | |
| 22 11 16 00-0530 | EA | 1-1/2" Reducing Copper Coupling | 76.68 | 42.96 |
| | | *For Work In Restricted Working Space, Add* | *19.33* | |
| 22 11 16 00-0531 | EA | 2" Reducing Copper Coupling | 90.34 | 47.60 |
| | | *For Work In Restricted Working Space, Add* | *21.42* | |
| 22 11 16 00-0532 | EA | 2-1/2" Reducing Copper Coupling | 112.20 | 48.87 |
| | | *For Work In Restricted Working Space, Add* | *21.97* | |
| 22 11 16 00-0533 | EA | 3" Reducing Copper Coupling | 132.63 | 56.67 |
| | | *For Work In Restricted Working Space, Add* | *25.34* | |
| 22 11 16 00-0534 | EA | 4" Reducing Copper Coupling | 206.82 | 74.20 |
| | | *For Work In Restricted Working Space, Add* | *33.36* | |
| 22 11 16 00-0535 | EA | 5" Reducing Copper Coupling | 528.95 | 103.39 |
| | | *For Work In Restricted Working Space, Add* | *46.51* | |
| 22 11 16 00-0536 | EA | 6" Reducing Copper Coupling | 787.52 | 139.00 |
| | | *For Work In Restricted Working Space, Add* | *62.55* | |
| 22 11 16 00-0537 | EA | 8" Reducing Copper Coupling | 1,531.14 | 202.55 |
| | | *For Work In Restricted Working Space, Add* | *91.10* | |

### 22 11 16 00-0538 Male Copper Adapters *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0539 | EA | 1/4" Male Copper Adapter | 36.35 | 15.09 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 22 11 16 00-0540 | EA | 3/8" Male Copper Adapter | 34.42 | 18.58 |
| | | *For Work In Restricted Working Space, Add* | *8.36* | |
| 22 11 16 00-0541 | EA | 1/2" Male Copper Adapter | 37.49 | 23.22 |
| | | *For Work In Restricted Working Space, Add* | *10.45* | |
| 22 11 16 00-0542 | EA | 3/4" Male Copper Adapter | 47.45 | 29.03 |
| | | *For Work In Restricted Working Space, Add* | *12.89* | |
| 22 11 16 00-0543 | EA | 1" Male Copper Adapter | 61.36 | 33.67 |
| | | *For Work In Restricted Working Space, Add* | *14.98* | |
| 22 11 16 00-0544 | EA | 1-1/4" Male Copper Adapter | 74.69 | 38.32 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| 22 11 16 00-0545 | EA | 1-1/2" Male Copper Adapter | 85.64 | 44.12 |
| | | *For Work In Restricted Working Space, Add* | *19.85* | |
| 22 11 16 00-0546 | EA | 2" Male Copper Adapter | 117.72 | 56.31 |
| | | *For Work In Restricted Working Space, Add* | *25.43* | |
| 22 11 16 00-0547 | EA | 2-1/2" Male Copper Adapter | 213.92 | 73.15 |
| | | *For Work In Restricted Working Space, Add* | *32.74* | |
| 22 11 16 00-0548 | EA | 3" Male Copper Adapter | 284.14 | 97.57 |
| | | *For Work In Restricted Working Space, Add* | *43.63* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *28.75* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-21.48* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *21.81* | |
| 22 11 16 00-0549 | EA | 4" Male Copper Adapter | 427.15 | 136.87 |
| | | *For Work In Restricted Working Space, Add* | *61.59* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *41.89* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-31.62* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *30.80* | |

### 22 11 16 00-0550 Female Copper Adapters *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0551 | EA | 1/4" Female Copper Adapter | 31.61 | 15.09 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *3.90* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-2.74* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *3.48* | |
| 22 11 16 00-0552 | EA | 3/8" Female Copper Adapter | 36.65 | 18.58 |
| | | *For Work In Restricted Working Space, Add* | *8.36* | |
| 22 11 16 00-0553 | EA | 1/2" Female Copper Adapter | 39.09 | 23.22 |
| | | *For Work In Restricted Working Space, Add* | *10.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0554 | EA | 3/4" Female Copper Adapter | 48.76 | 29.03 |
| | | *For Work In Restricted Working Space, Add* | *12.89* | |
| 22 11 16 00-0555 | EA | 1" Female Copper Adapter | 63.20 | 33.67 |
| | | *For Work In Restricted Working Space, Add* | *14.98* | |
| 22 11 16 00-0556 | EA | 1-1/4" Female Copper Adapter | 77.52 | 38.32 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| 22 11 16 00-0557 | EA | 1-1/2" Female Copper Adapter | 96.65 | 44.12 |
| | | *For Work In Restricted Working Space, Add* | *19.85* | |
| 22 11 16 00-0558 | EA | 2" Female Copper Adapter | 126.10 | 56.31 |
| | | *For Work In Restricted Working Space, Add* | *25.43* | |
| 22 11 16 00-0559 | EA | 2-1/2" Female Copper Adapter | 248.36 | 67.36 |
| | | *For Work In Restricted Working Space, Add* | *30.15* | |
| 22 11 16 00-0560 | EA | 3" Female Copper Adapter | 394.48 | 97.57 |
| | | *For Work In Restricted Working Space, Add* | *43.63* | |

## 22 11 16 00-0561 Wrot Copper, Solder Union *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0562 | EA | 1/4" Wrot Copper, Solder Union | 46.39 | 18.58 |
| | | *For Work In Restricted Working Space, Add* | *8.36* | |
| 22 11 16 00-0563 | EA | 3/8" Wrot Copper, Solder Union | 52.75 | 22.41 |
| | | *For Work In Restricted Working Space, Add* | *10.10* | |
| 22 11 16 00-0564 | EA | 1/2" Wrot Copper, Solder Union | 53.60 | 27.87 |
| | | *For Work In Restricted Working Space, Add* | *12.54* | |
| 22 11 16 00-0565 | EA | 3/4" Wrot Copper, Solder Union | 62.10 | 31.82 |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| 22 11 16 00-0566 | EA | 1" Wrot Copper, Solder Union | 81.83 | 37.97 |
| | | *For Work In Restricted Working Space, Add* | *17.07* | |
| 22 11 16 00-0567 | EA | 1-1/4" Wrot Copper, Solder Union | 98.79 | 41.81 |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 22 11 16 00-0568 | EA | 1-1/2" Wrot Copper, Solder Union | 120.56 | 46.45 |
| | | *For Work In Restricted Working Space, Add* | *20.90* | |
| 22 11 16 00-0569 | EA | 2" Wrot Copper, Solder Union | 170.35 | 55.73 |
| | | *For Work In Restricted Working Space, Add* | *25.08* | |
| 22 11 16 00-0570 | EA | 2-1/2" Wrot Copper, Solder Union | 328.51 | 61.38 |
| | | *For Work In Restricted Working Space, Add* | *27.59* | |
| 22 11 16 00-0571 | EA | 3" Wrot Copper, Solder Union | 742.61 | 87.04 |
| | | *For Work In Restricted Working Space, Add* | *39.14* | |

## 22 11 16 00-0572 Copper Caps *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0573 | EA | 1/4" Copper Cap | 8.79 | 5.10 |
| | | *For Work In Restricted Working Space, Add* | *2.30* | |
| 22 11 16 00-0574 | EA | 3/8" Copper Cap | 10.99 | 6.04 |
| | | *For Work In Restricted Working Space, Add* | *2.76* | |
| 22 11 16 00-0575 | EA | 1/2" Copper Cap | 13.57 | 8.36 |
| | | *For Work In Restricted Working Space, Add* | *3.80* | |
| 22 11 16 00-0576 | EA | 3/4" Copper Cap | 17.44 | 10.33 |
| | | *For Work In Restricted Working Space, Add* | *4.71* | |
| 22 11 16 00-0577 | EA | 1" Copper Cap | 22.85 | 12.42 |
| | | *For Work In Restricted Working Space, Add* | *5.63* | |
| 22 11 16 00-0578 | EA | 1-1/4" Copper Cap | 25.76 | 13.35 |
| | | *For Work In Restricted Working Space, Add* | *6.09* | |
| 22 11 16 00-0579 | EA | 1-1/2" Copper Cap | 30.15 | 14.63 |
| | | *For Work In Restricted Working Space, Add* | *6.67* | |
| 22 11 16 00-0580 | EA | 2" Copper Cap | 37.59 | 15.18 |
| | | *For Work In Restricted Working Space, Add* | *6.88* | |
| 22 11 16 00-0581 | EA | 2-1/2" Copper Cap | 70.83 | 17.75 |
| | | *For Work In Restricted Working Space, Add* | *8.09* | |
| 22 11 16 00-0582 | EA | 3" Copper Cap | 97.33 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.34* | |
| 22 11 16 00-0583 | EA | 4" Copper Cap | 170.80 | 34.43 |
| | | *For Work In Restricted Working Space, Add* | *15.65* | |
| 22 11 16 00-0584 | EA | 5" Cast Bronze Cap | 914.17 | 53.04 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| 22 11 16 00-0585 | EA | 6" Cast Bronze Cap | 1,778.17 | 77.20 |
| | | *For Work In Restricted Working Space, Add* | *35.08* | |
| 22 11 16 00-0586 | EA | 8" Cast Bronze Cap | 2,264.28 | 102.86 |
| | | *For Work In Restricted Working Space, Add* | *46.77* | |

## 22 11 16 00-0587 Copper Crosses *(22 11 16 00-0436)*

| | | | | |
|---|---|---|---|---|
| 22 11 16 00-0588 | EA | 1/2" Copper Cross | 85.18 | 47.04 |
| | | *For Work In Restricted Working Space, Add* | *21.17* | |
| 22 11 16 00-0589 | EA | 3/4" Copper Cross | 116.05 | 58.49 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 22 11 16 00-0590 | EA | 1" Copper Cross | 152.98 | 69.82 |
| | | *For Work In Restricted Working Space, Add* | *31.43* | |
| 22 11 16 00-0591 | EA | 1-1/4" Copper Cross | 182.61 | 75.59 |
| | | *For Work In Restricted Working Space, Add* | *34.00* | |
| 22 11 16 00-0592 | EA | 1-1/2" Copper Cross | 222.77 | 82.65 |
| | | *For Work In Restricted Working Space, Add* | *37.21* | |
| 22 11 16 00-0593 | EA | 2" Copper Cross | 325.53 | 92.71 |
| | | *For Work In Restricted Working Space, Add* | *41.70* | |
| 22 11 16 00-0594 | EA | 2-1/2" Copper Cross | 583.93 | 102.65 |
| | | *For Work In Restricted Working Space, Add* | *46.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 11 16 00-0595** | | **Cast Bronze Crosses** *(22 11 16 00-0436)* | | |
| 22 11 16 00-0596 | EA | 3/8" Cast Bronze Cross | 70.78 | 34.22 |
| | | *For Work In Restricted Working Space, Add* | *15.40* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *8.67* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-6.11* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *7.70* | |
| 22 11 16 00-0597 | EA | 1/2" Cast Bronze Cross | 88.10 | 47.04 |
| | | *For Work In Restricted Working Space, Add* | *21.17* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *11.46* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-7.93* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *10.59* | |
| 22 11 16 00-0598 | EA | 3/4" Cast Bronze Cross | 121.72 | 58.49 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *14.85* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-10.47* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *13.15* | |
| 22 11 16 00-0599 | EA | 1" Cast Bronze Cross | 162.60 | 69.82 |
| | | *For Work In Restricted Working Space, Add* | *31.43* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *18.61* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-13.37* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *15.72* | |
| 22 11 16 00-0600 | EA | 1-1/4" Cast Bronze Cross | 196.47 | 75.59 |
| | | *For Work In Restricted Working Space, Add* | *34.00* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *21.16* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-15.49* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *17.00* | |
| 22 11 16 00-0601 | EA | 1-1/2" Cast Bronze Cross | 242.52 | 82.65 |
| | | *For Work In Restricted Working Space, Add* | *37.21* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *24.53* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-18.33* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *18.61* | |
| 22 11 16 00-0602 | EA | 2" Cast Bronze Cross | 362.83 | 92.71 |
| | | *For Work In Restricted Working Space, Add* | *41.70* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *32.04* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-25.09* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *20.85* | |
| 22 11 16 00-0603 | EA | 2-1/2" Cast Bronze Cross | 669.93 | 102.65 |
| | | *For Work In Restricted Working Space, Add* | *46.19* | |
| | | *For Silver Solder Instead Of 95/5 Solder, Add* | *48.89* | |
| | | *For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct* | *-41.20* | |
| | | *For Brazed Fittings Instead Of 95/5 Solder, Add* | *23.10* | |
| **22 11 16 00-0604** | | **Flexible Corrugated Copper Supply Line** *(22 11 16 00-0436)* | | |
| 22 11 16 00-0605 | EA | 3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line | 91.50 | 31.82 |
| 22 11 16 00-0606 | EA | 3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line | 96.78 | 31.82 |
| 22 11 16 00-0607 | EA | 3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line | 82.00 | 31.82 |
| 22 11 16 00-0608 | EA | 3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line | 87.98 | 31.82 |
| 22 11 16 00-0609 | EA | 3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line | 93.26 | 31.82 |
| 22 11 16 00-0610 | EA | 3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line | 96.78 | 31.82 |
| **22 11 16 00-0611** | | **Crimped Copper Fittings** *(22 11 16 00-0368)*<br>Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements. | | |
| **22 11 16 00-0612** | | **Crimped Copper 90 Degree Elbows** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0613 | EA | 1/2" Crimped Copper 90 Degree Elbow | 24.91 | 13.94 |
| 22 11 16 00-0614 | EA | 3/4" Crimped Copper 90 Degree Elbow | 30.60 | 15.91 |
| 22 11 16 00-0615 | EA | 1" Crimped Copper 90 Degree Elbow | 42.06 | 18.93 |
| 22 11 16 00-0616 | EA | 1-1/4" Crimped Copper 90 Degree Elbow | 58.85 | 20.90 |
| 22 11 16 00-0617 | EA | 1-1/2" Crimped Copper 90 Degree Elbow | 86.91 | 23.22 |
| 22 11 16 00-0618 | EA | 2" Crimped Copper 90 Degree Elbow | 114.18 | 27.87 |
| 22 11 16 00-0619 | EA | 2-1/2" Crimped Copper 90 Degree Elbow | 258.99 | 32.51 |
| 22 11 16 00-0620 | EA | 3" Crimped Copper 90 Degree Elbow | 322.54 | 38.66 |
| 22 11 16 00-0621 | EA | 4" Crimped Copper 90 Degree Elbow | 403.85 | 51.09 |
| **22 11 16 00-0622** | | **Crimped Copper 45 Degree Elbows** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0623 | EA | 1/2" Crimped Copper 45 Degree Elbow | 25.57 | 13.94 |
| 22 11 16 00-0624 | EA | 3/4" Crimped Copper 45 Degree Elbow | 29.54 | 15.91 |
| 22 11 16 00-0625 | EA | 1" Crimped Copper 45 Degree Elbow | 46.87 | 18.93 |
| 22 11 16 00-0626 | EA | 1-1/4" Crimped Copper 45 Degree Elbow | 57.79 | 20.90 |
| 22 11 16 00-0627 | EA | 1-1/2" Crimped Copper 45 Degree Elbow | 77.71 | 23.22 |
| 22 11 16 00-0628 | EA | 2" Crimped Copper 45 Degree Elbow | 101.77 | 27.87 |
| 22 11 16 00-0629 | EA | 2-1/2" Crimped Copper 45 Degree Elbow | 187.63 | 32.51 |
| 22 11 16 00-0630 | EA | 3" Crimped Copper 45 Degree Elbow | 256.46 | 38.66 |
| 22 11 16 00-0631 | EA | 4" Crimped Copper 45 Degree Elbow | 352.16 | 51.09 |
| **22 11 16 00-0632** | | **Crimped Copper Straight Tees** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0633 | EA | 1/2" Crimped Copper Straight Tee | 37.49 | 20.90 |
| 22 11 16 00-0634 | EA | 3/4" Crimped Copper Straight Tee | 52.03 | 27.52 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0635 | EA | 1" Crimped Copper Straight Tee | 65.36 | 30.54 |
| 22 11 16 00-0636 | EA | 1-1/4" Crimped Copper Straight Tee | 80.01 | 31.35 |
| 22 11 16 00-0637 | EA | 1-1/2" Crimped Copper Straight Tee | 117.50 | 35.64 |
| 22 11 16 00-0638 | EA | 2" Crimped Copper Straight Tee | 141.87 | 41.81 |
| 22 11 16 00-0639 | EA | 2-1/2" Crimped Copper Straight Tee | 332.88 | 48.77 |
| 22 11 16 00-0640 | EA | 3" Crimped Copper Straight Tee | 411.73 | 58.06 |
| 22 11 16 00-0641 | EA | 4" Crimped Copper Straight Tee | 570.49 | 76.63 |
| **22 11 16 00-0642** | | **Crimped Copper Reducing Tees** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0643 | EA | 3/4" Crimped Copper Reducing Tee | 46.53 | 19.86 |
| 22 11 16 00-0644 | EA | 1" Crimped Copper Reducing Tee | 68.78 | 26.13 |
| 22 11 16 00-0645 | EA | 1-1/4" Crimped Copper Reducing Tee | 73.72 | 29.03 |
| 22 11 16 00-0646 | EA | 1-1/2" Crimped Copper Reducing Tee | 101.59 | 29.84 |
| 22 11 16 00-0647 | EA | 2" Crimped Copper Reducing Tee | 122.72 | 33.79 |
| 22 11 16 00-0648 | EA | 2-1/2" Crimped Copper Reducing Tee | 363.16 | 38.32 |
| 22 11 16 00-0649 | EA | 3" Crimped Copper Reducing Tee | 443.17 | 46.45 |
| 22 11 16 00-0650 | EA | 4" Crimped Copper Reducing Tee | 517.83 | 61.89 |
| **22 11 16 00-0651** | | **Crimped Copper Couplings** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0652 | EA | 1/2" Crimped Copper Coupling | 24.51 | 13.94 |
| 22 11 16 00-0653 | EA | 3/4" Crimped Copper Coupling | 29.28 | 15.91 |
| 22 11 16 00-0654 | EA | 1" Crimped Copper Coupling | 39.51 | 18.93 |
| 22 11 16 00-0655 | EA | 1-1/4" Crimped Copper Coupling | 45.11 | 20.90 |
| 22 11 16 00-0656 | EA | 1-1/2" Crimped Copper Coupling | 60.48 | 23.22 |
| 22 11 16 00-0657 | EA | 2" Crimped Copper Coupling | 74.53 | 27.87 |
| 22 11 16 00-0658 | EA | 2-1/2" Crimped Copper Coupling | 153.47 | 32.51 |
| 22 11 16 00-0659 | EA | 3" Crimped Copper Coupling | 191.40 | 38.66 |
| 22 11 16 00-0660 | EA | 4" Crimped Copper Coupling | 261.78 | 51.09 |
| **22 11 16 00-0661** | | **Crimped Copper Reducing Couplings** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0662 | EA | 3/4" Crimped Copper Reducing Coupling | 36.29 | 13.24 |
| 22 11 16 00-0663 | EA | 1" Crimped Copper Reducing Coupling | 41.47 | 15.09 |
| 22 11 16 00-0664 | EA | 1-1/4" Crimped Copper Reducing Coupling | 54.43 | 18.00 |
| 22 11 16 00-0665 | EA | 1-1/2" Crimped Copper Reducing Coupling | 70.16 | 19.86 |
| 22 11 16 00-0666 | EA | 2" Crimped Copper Reducing Coupling | 78.49 | 22.06 |
| 22 11 16 00-0667 | EA | 2-1/2" Crimped Copper FTG x C Reducing Coupling | 163.16 | 26.36 |
| 22 11 16 00-0668 | EA | 3" Crimped Copper FTG x C Reducing Coupling | 204.21 | 31.00 |
| 22 11 16 00-0669 | EA | 4" Crimped Copper FTG x C Reducing Coupling | 265.08 | 40.99 |
| **22 11 16 00-0670** | | **Crimped Copper Male Adapters** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0671 | EA | 1/2" Crimped Copper Male Adapter | 25.31 | 13.94 |
| 22 11 16 00-0672 | EA | 3/4" Crimped Copper Male Adapter | 31.80 | 15.91 |
| 22 11 16 00-0673 | EA | 1" Crimped Copper Male Adapter | 43.12 | 18.93 |
| 22 11 16 00-0674 | EA | 1-1/4" Crimped Copper Male Adapter | 63.53 | 20.90 |
| 22 11 16 00-0675 | EA | 1-1/2" Crimped Copper Male Adapter | 79.97 | 23.22 |
| 22 11 16 00-0676 | EA | 2" Crimped Copper Male Adapter | 128.73 | 27.87 |
| 22 11 16 00-0677 | EA | 2-1/2" Crimped Copper Male Adapter | 258.99 | 32.51 |
| 22 11 16 00-0678 | EA | 3" Crimped Copper Male Adapter | 322.54 | 38.66 |
| 22 11 16 00-0679 | EA | 4" Crimped Copper Male Adapter | 382.77 | 51.09 |
| **22 11 16 00-0680** | | **Crimped Copper Female Adapters** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0681 | EA | 1/2" Crimped Copper Female Adapter | 26.24 | 13.94 |
| 22 11 16 00-0682 | EA | 3/4" Crimped Copper Female Adapter | 32.48 | 15.91 |
| 22 11 16 00-0683 | EA | 1" Crimped Copper Female Adapter | 44.47 | 18.93 |
| 22 11 16 00-0684 | EA | 1-1/4" Crimped Copper Female Adapter | 67.54 | 20.90 |
| 22 11 16 00-0685 | EA | 1-1/2" Crimped Copper Female Adapter | 87.45 | 23.22 |
| 22 11 16 00-0686 | EA | 2" Crimped Copper Female Adapter | 131.13 | 27.87 |
| **22 11 16 00-0687** | | **Crimped Copper Caps** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0688 | EA | 1/2" Crimped Copper Cap | 18.19 | 6.97 |
| 22 11 16 00-0689 | EA | 3/4" Crimped Copper Cap | 25.27 | 8.13 |
| 22 11 16 00-0690 | EA | 1" Crimped Copper Cap | 34.10 | 9.29 |
| 22 11 16 00-0691 | EA | 1-1/4" Crimped Copper Cap | 38.51 | 10.45 |
| 22 11 16 00-0692 | EA | 1-1/2" Crimped Copper Cap | 53.38 | 11.96 |
| 22 11 16 00-0693 | EA | 2" Crimped Copper Cap | 63.89 | 13.94 |
| 22 11 16 00-0694 | EA | 2-1/2" Crimped Copper Cap | 161.84 | 16.26 |
| 22 11 16 00-0695 | EA | 3" Crimped Copper Cap | 202.99 | 19.39 |
| 22 11 16 00-0696 | EA | 4" Crimped Copper Cap | 270.14 | 25.54 |
| **22 11 16 00-0697** | | **C x F NPT Crimped Bronze Unions** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0698 | EA | 1/2" C x F NPT Crimped Bronze Union | 51.15 | 18.93 |
| 22 11 16 00-0699 | EA | 3/4" C x F NPT Crimped Bronze Union | 64.06 | 23.34 |
| 22 11 16 00-0700 | EA | 1" C x F NPT Crimped Bronze Union | 90.26 | 27.98 |
| 22 11 16 00-0701 | EA | 1-1/4" C x F NPT Crimped Bronze Union | 109.69 | 32.28 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0702 | EA | 1-1/2" C x F NPT Crimped Bronze Union | 143.51 | 31.59 |
| 22 11 16 00-0703 | EA | 2" C x F NPT Crimped Bronze Union | 195.89 | 45.75 |
| **22 11 16 00-0704** | | **C x C Crimped Bronze Unions** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0705 | EA | 1/2" C x C Bronze Crimped Union | 49.20 | 13.94 |
| 22 11 16 00-0706 | EA | 3/4" C x C Bronze Crimped Union | 60.91 | 15.91 |
| 22 11 16 00-0707 | EA | 1" C x C Bronze Crimped Union | 87.72 | 18.93 |
| 22 11 16 00-0708 | EA | 1-1/4" C x C Bronze Crimped Union | 116.00 | 20.90 |
| 22 11 16 00-0709 | EA | 1-1/2" C x C Bronze Crimped Union | 149.80 | 23.22 |
| 22 11 16 00-0710 | EA | 2" C x C Bronze Crimped Union | 229.54 | 27.87 |
| **22 11 16 00-0711** | | **C x Flange Crimped Bronze Flange** *(22 11 16 00-0611)* | | |
| 22 11 16 00-0712 | EA | 2-1/2" C x Flange Crimped Bronze Flange | 450.74 | 32.51 |
| 22 11 16 00-0713 | EA | 3" C x Flange Crimped Bronze Flange | 490.71 | 38.66 |
| 22 11 16 00-0714 | EA | 4" C x Flange Crimped Bronze Flange | 560.97 | 51.09 |
| **22 11 16 00-0715** | | **Field Installed FKM Seals** *(22 11 16 00-0611)*<br>Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal. | | |
| 22 11 16 00-0716 | EA | 1/2" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 7.50 | |
| 22 11 16 00-0717 | EA | 3/4" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 9.56 | |
| 22 11 16 00-0718 | EA | 1" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 10.98 | |
| 22 11 16 00-0719 | EA | 1-1/4" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 12.64 | |
| 22 11 16 00-0720 | EA | 1-1/2" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 18.09 | |
| 22 11 16 00-0721 | EA | 2" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 20.06 | |
| 22 11 16 00-0722 | EA | 2-1/2" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 30.48 | |
| 22 11 16 00-0723 | EA | 3" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 34.94 | |
| 22 11 16 00-0724 | EA | 4" Field Installed FKM Seal<br>Note: To be used in conjunction with fittings. | 47.73 | |
| **22 11 16 00-0725** | | **Cut And Prepare Existing In-Place Copper Pipe** *(22 11 16 00-0368)* | | |
| 22 11 16 00-0726 | EA | Up To 1/2", Cut And Prepare Existing In Place Copper Pipe | 11.61 | |
| 22 11 16 00-0727 | EA | 3/4", Cut And Prepare Existing In Place Copper Pipe | 12.54 | |
| 22 11 16 00-0728 | EA | 1", Cut And Prepare Existing In Place Copper Pipe | 14.11 | |
| 22 11 16 00-0729 | EA | 1-1/4", Cut And Prepare Existing In Place Copper Pipe | 14.80 | |
| 22 11 16 00-0730 | EA | 1-1/2", Cut And Prepare Existing In Place Copper Pipe | 15.68 | |
| 22 11 16 00-0731 | EA | 2", Cut And Prepare Existing In Place Copper Pipe | 17.25 | |
| 22 11 16 00-0732 | EA | 2-1/2", Cut And Prepare Existing In Place Copper Pipe | 18.58 | |
| 22 11 16 00-0733 | EA | 3", Cut And Prepare Existing In Place Copper Pipe | 21.95 | |
| 22 11 16 00-0734 | EA | 4", Cut And Prepare Existing In Place Copper Pipe | 29.61 | |
| 22 11 16 00-0735 | EA | 6", Cut And Prepare Existing In Place Copper Pipe | 42.32 | |
| 22 11 16 00-0736 | EA | 8", Cut And Prepare Existing In Place Copper Pipe | 56.43 | |
| **22 11 16 00-0737** | | **Sweat Brass Companion Flanges** *(22 11 16 00-0368)*<br>Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set. | | |
| 22 11 16 00-0738 | EA | 1" Sweat Brass Companion Flange | 67.02 | 17.86 |
| 22 11 16 00-0739 | EA | 1-1/4" Sweat Brass Companion Flange | 73.14 | 19.67 |
| 22 11 16 00-0740 | EA | 1-1/2" Sweat Brass Companion Flange | 104.98 | 21.39 |
| 22 11 16 00-0741 | EA | 2" Sweat Brass Companion Flange | 140.80 | 23.73 |
| 22 11 16 00-0742 | EA | 2-1/2" Sweat Brass Companion Flange | 178.10 | 28.55 |
| 22 11 16 00-0743 | EA | 3" Sweat Brass Companion Flange | 196.19 | 37.42 |
| 22 11 16 00-0744 | EA | 4" Sweat Brass Companion Flange | 262.26 | 44.59 |
| 22 11 16 00-0745 | EA | 5" Sweat Brass Companion Flange | 486.45 | 50.46 |
| 22 11 16 00-0746 | EA | 6" Sweat Brass Companion Flange | 558.20 | 73.32 |
| 22 11 16 00-0747 | EA | 8" Copper Companion Flange | 1,299.43 | 104.59 |
| **22 11 16 00-0748** | | **Brass Compression Fittings** *(22 11 16 00-0368)* | | |
| **22 11 16 00-0749** | | **Brass Compression Unions** *(22 11 16 00-0748)* | | |
| 22 11 16 00-0750 | EA | 1/4" Brass Compression Union | 20.17 | 12.54 |
| 22 11 16 00-0751 | EA | 3/8" Brass Compression Union | 20.54 | 12.54 |
| 22 11 16 00-0752 | EA | 1/2" Brass Compression Union | 21.66 | 12.54 |
| 22 11 16 00-0753 | EA | 5/8" Brass Compression Union | 22.19 | 12.54 |
| 22 11 16 00-0754 | EA | 3/4" Brass Compression Union | 28.63 | 12.54 |
| 22 11 16 00-0755 | EA | 3/8" x 1/4" Brass Compression Union | 20.79 | 12.54 |
| 22 11 16 00-0756 | EA | 1/2" x 3/8" Brass Compression Union | 21.75 | 12.54 |
| 22 11 16 00-0757 | EA | 5/8" x 3/8" Brass Compression Union | 22.41 | 12.54 |
| 22 11 16 00-0758 | EA | 5/8" x 1/2" Brass Compression Union | 23.47 | 12.54 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 11 16 00-0759** | | **Brass Compression Union Elbows** *(22 11 16 00-0748)* | | |
| 22 11 16 00-0760 | EA | 1/4" Brass Compression Union Elbow | 21.66 | 12.54 |
| 22 11 16 00-0761 | EA | 3/8" Brass Compression Union Elbow | 22.26 | 12.54 |
| 22 11 16 00-0762 | EA | 1/2" Brass Compression Union Elbow | 23.58 | 12.54 |
| 22 11 16 00-0763 | EA | 5/8" Brass Compression Union Elbow | 25.64 | 12.54 |
| 22 11 16 00-0764 | EA | 3/4" Brass Compression Union Elbow | 33.66 | 12.54 |
| 22 11 16 00-0765 | EA | 3/8" x 1/4" Brass Compression Union Elbow | 22.26 | 12.54 |
| 22 11 16 00-0766 | EA | 1/2" x 3/8" Brass Compression Union Elbow | 23.58 | 12.54 |
| 22 11 16 00-0767 | EA | 5/8" x 3/8" Brass Compression Union Elbow | 23.95 | 12.54 |
| 22 11 16 00-0768 | EA | 5/8" x 1/2" Brass Compression Union Elbow | 29.98 | 12.54 |
| **22 11 16 00-0769** | | **Brass Compression Union Tees** *(22 11 16 00-0748)* | | |
| 22 11 16 00-0770 | EA | 1/4" Brass Compression Union Tee | 22.11 | 12.54 |
| 22 11 16 00-0771 | EA | 3/8" Brass Compression Union Tee | 23.36 | 12.54 |
| 22 11 16 00-0772 | EA | 1/2" Brass Compression Union Tee | 24.69 | 12.54 |
| 22 11 16 00-0773 | EA | 5/8" Brass Compression Union Tee | 28.88 | 12.54 |
| 22 11 16 00-0774 | EA | 3/4" Brass Compression Union Tee | 43.37 | 12.54 |
| 22 11 16 00-0775 | EA | 3/8" x 3/8" x 1/4" Brass Compression Union Tee | 24.25 | 12.54 |
| 22 11 16 00-0776 | EA | 1/2" x 1/2" x 3/8" Brass Compression Union Tee | 31.05 | 12.54 |
| 22 11 16 00-0777 | EA | 5/8" x 5/8" x 3/8" Brass Compression Union Tee | 30.39 | 12.54 |
| 22 11 16 00-0778 | EA | 5/8" x 5/8" x 1/2" Brass Compression Union Tee | 31.16 | 12.54 |
| **22 11 16 00-0779** | | **Brass Compression Male Connectors** *(22 11 16 00-0748)* | | |
| 22 11 16 00-0780 | EA | 1/4" Brass Compression Male Connector | 19.91 | 12.54 |
| 22 11 16 00-0781 | EA | 3/8" Brass Compression Male Connector | 20.39 | 12.54 |
| 22 11 16 00-0782 | EA | 1/2" Brass Compression Male Connector | 21.23 | 12.54 |
| 22 11 16 00-0783 | EA | 5/8" Brass Compression Male Connector | 22.48 | 12.54 |
| 22 11 16 00-0784 | EA | 3/4" Brass Compression Male Connector | 25.67 | 12.42 |
| **22 11 16 00-0785** | | **Brass Compression Female Connectors** *(22 11 16 00-0748)* | | |
| 22 11 16 00-0786 | EA | 1/4" Brass Compression Female Connector | 20.44 | 12.54 |
| 22 11 16 00-0787 | EA | 3/8" Brass Compression Female Connector | 21.07 | 12.54 |
| 22 11 16 00-0788 | EA | 1/2" Brass Compression Female Connector | 22.13 | 12.54 |
| 22 11 16 00-0789 | EA | 5/8" Brass Compression Female Connector | 22.93 | 12.54 |
| 22 11 16 00-0790 | EA | 3/4" Brass Compression Female Connector | 32.55 | 12.30 |
| **22 11 16 00-0791** | | **Dielectric Fittings** *(22 11 16 00-0368)* | | |
| **22 11 16 00-0792** | | **Copper x Female Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0791)* | | |
| 22 11 16 00-0793 | EA | 1/2" Copper x Female Iron Pipe Thread Dielectric Union | 49.11 | 27.87 |
| 22 11 16 00-0794 | EA | 3/4" Copper x Female Iron Pipe Thread Dielectric Union | 54.90 | 31.82 |
| 22 11 16 00-0795 | EA | 1" Copper x Female Iron Pipe Thread Dielectric Union | 65.09 | 34.97 |
| 22 11 16 00-0796 | EA | 1-1/4" Copper x Female Iron Pipe Thread Dielectric Union | 78.55 | 38.49 |
| 22 11 16 00-0797 | EA | 1-1/2" Copper x Female Iron Pipe Thread Dielectric Union | 94.66 | 42.77 |
| 22 11 16 00-0798 | EA | 2" Copper x Female Iron Pipe Thread Dielectric Union | 119.97 | 51.32 |
| **22 11 16 00-0799** | | **Female Brass Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0791)* | | |
| 22 11 16 00-0800 | EA | 1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union | 53.72 | 27.87 |
| 22 11 16 00-0801 | EA | 3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union | 62.49 | 31.82 |
| 22 11 16 00-0802 | EA | 1" Female Brass Thread x Iron Pipe Thread Dielectric Union | 75.10 | 34.97 |
| 22 11 16 00-0803 | EA | 1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union | 91.83 | 38.49 |
| 22 11 16 00-0804 | EA | 1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union | 111.09 | 42.77 |
| 22 11 16 00-0805 | EA | 2" Female Brass Thread x Iron Pipe Thread Dielectric Union | 139.24 | 51.32 |
| **22 11 16 00-0806** | | **Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0791)* | | |
| 22 11 16 00-0807 | EA | 1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union | 50.80 | 27.87 |
| 22 11 16 00-0808 | EA | 3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union | 57.67 | 31.82 |
| 22 11 16 00-0809 | EA | 1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union | 65.82 | 34.97 |
| 22 11 16 00-0810 | EA | 1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union | 75.98 | 38.49 |
| 22 11 16 00-0811 | EA | 1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union | 92.12 | 42.77 |
| 22 11 16 00-0812 | EA | 2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union | 117.93 | 51.32 |
| **22 11 16 00-0813** | | **Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0791)* | | |
| 22 11 16 00-0814 | EA | 2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange | 292.67 | 131.94 |
| 22 11 16 00-0815 | EA | 3" Copper x Female Iron Pipe Thread Dielectric Flange | 366.48 | 166.16 |
| 22 11 16 00-0816 | EA | 4" Copper x Female Iron Pipe Thread Dielectric Flange | 516.01 | 226.15 |
| **22 11 16 00-0817** | | **Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0791)* | | |
| 22 11 16 00-0818 | EA | 2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange | 294.57 | 131.94 |
| 22 11 16 00-0819 | EA | 3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange | 381.59 | 166.16 |
| 22 11 16 00-0820 | EA | 4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange | 690.37 | 226.15 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0821 | | **Copper Pipe Assemblies** *(22 11 16)*<br>Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available. | | |
| 22 11 16 00-0822 | LF | 1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 22.66 | 3.25 |
| 22 11 16 00-0823 | LF | 3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 26.21 | 4.18 |
| 22 11 16 00-0824 | LF | 1" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 28.95 | 4.99 |
| 22 11 16 00-0825 | LF | 1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 32.62 | 5.81 |
| 22 11 16 00-0826 | LF | 1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 36.37 | 6.62 |
| 22 11 16 00-0827 | LF | 2" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 45.93 | 8.25 |
| 22 11 16 00-0828 | LF | 2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 56.80 | 9.94 |
| 22 11 16 00-0829 | LF | 3" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 69.32 | 11.54 |
| 22 11 16 00-0830 | LF | 4" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 108.56 | 15.29 |
| 22 11 16 00-0831 | LF | 5" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 196.89 | 19.03 |
| 22 11 16 00-0832 | LF | 6" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 257.52 | 22.99 |
| 22 11 16 00-0833 | LF | 8" Inside Diameter Copper Pipe/Tubing Type L Assembly<br>Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. | 576.04 | 27.48 |
| 22 11 16 00-0834 | | **Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings** *(22 11 16)*<br>Note: Socket weld. | | |
| 22 11 16 00-0835 | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings** *(22 11 16 00-0834)* | | |
| 22 11 16 00-0836 | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0837 | LF | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 8.78 | 1.71 |
| 22 11 16 00-0838 | LF | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 10.64 | 1.79 |
| 22 11 16 00-0839 | LF | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 13.86 | 1.93 |
| 22 11 16 00-0840 | LF | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 17.74 | 2.11 |
| 22 11 16 00-0841 | LF | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 20.92 | 2.33 |
| 22 11 16 00-0842 | LF | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 27.41 | 2.61 |
| 22 11 16 00-0843 | LF | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 39.38 | 2.96 |
| 22 11 16 00-0844 | LF | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 51.46 | 3.51 |
| 22 11 16 00-0845 | LF | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 73.41 | 4.31 |
| 22 11 16 00-0846 | LF | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 134.85 | 5.47 |
| 22 11 16 00-0847 | LF | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe | 196.65 | 7.18 |
| 22 11 16 00-0848 | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0849 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 27.34 | 8.13 |
| 22 11 16 00-0850 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 36.58 | 10.26 |
| 22 11 16 00-0851 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 49.45 | 12.83 |
| 22 11 16 00-0852 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 73.46 | 16.04 |
| 22 11 16 00-0853 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 82.03 | 17.75 |
| 22 11 16 00-0854 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 100.23 | 17.75 |
| 22 11 16 00-0855 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 188.31 | 22.56 |
| 22 11 16 00-0856 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 210.00 | 26.74 |
| 22 11 16 00-0857 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 321.07 | 32.83 |
| 22 11 16 00-0858 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 403.88 | 41.70 |
| 22 11 16 00-0859 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow | 869.90 | 54.75 |
| 22 11 16 00-0860 | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0861 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 30.85 | 8.13 |
| 22 11 16 00-0862 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 40.78 | 10.26 |
| 22 11 16 00-0863 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 56.27 | 12.83 |
| 22 11 16 00-0864 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 82.44 | 16.04 |
| 22 11 16 00-0865 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 92.96 | 17.75 |
| 22 11 16 00-0866 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 103.94 | 19.89 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 16 00-0867 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 190.65 | 22.56 |
| 22 11 16 00-0868 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 209.70 | 26.74 |
| 22 11 16 00-0869 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 278.26 | 32.83 |
| 22 11 16 00-0870 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 484.14 | 41.70 |
| 22 11 16 00-0871 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow | 926.77 | 54.75 |
| **22 11 16 00-0872** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0873 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 43.25 | 12.19 |
| 22 11 16 00-0874 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 58.88 | 15.39 |
| 22 11 16 00-0875 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 73.40 | 19.35 |
| 22 11 16 00-0876 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 113.17 | 24.17 |
| 22 11 16 00-0877 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 127.29 | 26.74 |
| 22 11 16 00-0878 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 164.77 | 29.73 |
| 22 11 16 00-0879 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 233.11 | 33.90 |
| 22 11 16 00-0880 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 261.56 | 39.99 |
| 22 11 16 00-0881 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 313.95 | 49.29 |
| 22 11 16 00-0882 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 529.30 | 62.66 |
| 22 11 16 00-0883 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee | 1,272.47 | 82.12 |
| **22 11 16 00-0884** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0885 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 51.64 | 16.25 |
| 22 11 16 00-0886 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 68.88 | 20.53 |
| 22 11 16 00-0887 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 85.97 | 25.77 |
| 22 11 16 00-0888 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 125.94 | 32.18 |
| 22 11 16 00-0889 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 141.13 | 35.61 |
| 22 11 16 00-0890 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 177.04 | 39.67 |
| 22 11 16 00-0891 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 240.74 | 45.12 |
| 22 11 16 00-0892 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 272.53 | 53.36 |
| 22 11 16 00-0893 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 328.55 | 65.65 |
| 22 11 16 00-0894 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 529.77 | 83.51 |
| 22 11 16 00-0895 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross | 1,192.90 | 109.49 |
| **22 11 16 00-0896** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0897 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 23.02 | 7.48 |
| 22 11 16 00-0898 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 33.53 | 10.15 |
| 22 11 16 00-0899 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 70.59 | 13.26 |
| 22 11 16 00-0900 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 80.87 | 14.65 |
| 22 11 16 00-0901 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 98.98 | 16.36 |
| 22 11 16 00-0902 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 104.65 | 18.61 |
| 22 11 16 00-0903 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 129.38 | 22.03 |
| 22 11 16 00-0904 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 186.88 | 27.05 |
| 22 11 16 00-0905 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 339.76 | 34.43 |
| 22 11 16 00-0906 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert | 876.17 | 45.12 |
| **22 11 16 00-0907** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0908 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 40.87 | 5.35 |
| 22 11 16 00-0909 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 48.47 | 7.48 |
| 22 11 16 00-0910 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 57.13 | 10.15 |
| 22 11 16 00-0911 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 68.55 | 13.26 |
| 22 11 16 00-0912 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 83.88 | 14.65 |
| 22 11 16 00-0913 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 114.01 | 16.36 |
| 22 11 16 00-0914 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 202.77 | 18.61 |
| 22 11 16 00-0915 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 462.93 | 22.03 |
| 22 11 16 00-0916 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert | 710.61 | 27.05 |
| **22 11 16 00-0917** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0918 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 23.90 | 5.35 |
| 22 11 16 00-0919 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 33.06 | 7.48 |
| 22 11 16 00-0920 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 49.33 | 10.15 |
| 22 11 16 00-0921 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 68.55 | 13.26 |
| 22 11 16 00-0922 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 84.57 | 14.65 |
| 22 11 16 00-0923 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 105.71 | 16.36 |
| 22 11 16 00-0924 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 169.22 | 18.61 |
| 22 11 16 00-0925 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 203.30 | 22.03 |
| 22 11 16 00-0926 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters | 318.44 | 27.05 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 11 16 00-0927** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0928 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 27.91 | 5.35 |
| 22 11 16 00-0929 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 34.33 | 7.48 |
| 22 11 16 00-0930 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 49.67 | 10.15 |
| 22 11 16 00-0931 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 69.72 | 13.26 |
| 22 11 16 00-0932 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 79.20 | 14.65 |
| 22 11 16 00-0933 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 101.33 | 16.36 |
| 22 11 16 00-0934 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 171.76 | 18.61 |
| 22 11 16 00-0935 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 247.58 | 22.03 |
| 22 11 16 00-0936 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters | 393.73 | 27.05 |
| **22 11 16 00-0937** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0938 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 21.16 | 4.92 |
| 22 11 16 00-0939 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 29.78 | 6.84 |
| 22 11 16 00-0940 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 40.06 | 9.20 |
| 22 11 16 00-0941 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 55.61 | 12.08 |
| 22 11 16 00-0942 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 65.45 | 13.37 |
| 22 11 16 00-0943 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 74.47 | 14.86 |
| 22 11 16 00-0944 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 131.68 | 16.89 |
| 22 11 16 00-0945 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 140.27 | 20.00 |
| 22 11 16 00-0946 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 179.80 | 24.59 |
| 22 11 16 00-0947 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 311.47 | 31.33 |
| 22 11 16 00-0948 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings | 575.18 | 41.06 |
| **22 11 16 00-0949** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0950 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 52.88 | 5.88 |
| 22 11 16 00-0951 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 60.62 | 8.23 |
| 22 11 16 00-0952 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 68.94 | 11.01 |
| 22 11 16 00-0953 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 133.38 | 14.44 |
| 22 11 16 00-0954 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 138.99 | 16.04 |
| 22 11 16 00-0955 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 208.94 | 17.86 |
| 22 11 16 00-0956 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 391.36 | 20.32 |
| 22 11 16 00-0957 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 574.76 | 24.06 |
| 22 11 16 00-0958 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 948.83 | 29.52 |
| 22 11 16 00-0959 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 1,275.55 | 37.53 |
| 22 11 16 00-0960 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions | 1,566.61 | 49.29 |
| **22 11 16 00-0961** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0962 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 21.78 | 5.03 |
| 22 11 16 00-0963 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 29.71 | 6.31 |
| 22 11 16 00-0964 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 47.57 | 7.91 |
| 22 11 16 00-0965 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 54.00 | 5.98 |
| 22 11 16 00-0966 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 56.38 | 6.63 |
| 22 11 16 00-0967 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 82.52 | 7.48 |
| 22 11 16 00-0968 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 136.25 | 8.45 |
| 22 11 16 00-0969 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 142.74 | 10.05 |
| 22 11 16 00-0970 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 229.36 | 12.30 |
| 22 11 16 00-0971 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 533.22 | 15.61 |
| 22 11 16 00-0972 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap | 685.75 | 20.53 |
| **22 11 16 00-0973** | | **Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges** *(22 11 16 00-0835)* | | |
| 22 11 16 00-0974 | EA | 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 43.87 | 3.85 |
| 22 11 16 00-0975 | EA | 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 50.27 | 5.45 |
| 22 11 16 00-0976 | EA | 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 59.16 | 7.37 |
| 22 11 16 00-0977 | EA | 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 66.11 | 9.62 |
| 22 11 16 00-0978 | EA | 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 69.65 | 10.69 |
| 22 11 16 00-0979 | EA | 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 86.79 | 11.87 |
| 22 11 16 00-0980 | EA | 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 122.96 | 13.58 |
| 22 11 16 00-0981 | EA | 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 137.13 | 16.04 |
| 22 11 16 00-0982 | EA | 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 172.37 | 19.67 |
| 22 11 16 00-0983 | EA | 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 256.16 | 25.02 |
| 22 11 16 00-0984 | EA | 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges | 518.66 | 32.83 |
| **22 11 16 00-0985** | | **Cross-Linked Polyethylene Tubing, ASTM F877** *(22 11 16)*<br>Note: Aboveground, domestic water usage. | | |
| **22 11 16 00-0986** | | **Cross-Linked Polyethylene Tubing** *(22 11 16 00-0985)* | | |
| 22 11 16 00-0987 | LF | 3/8" Cross-Linked Polyethylene Tubing | 4.71 | |
| 22 11 16 00-0988 | LF | 1/2" Cross-Linked Polyethylene Tubing | 5.14 | |
| 22 11 16 00-0989 | LF | 3/4" Cross-Linked Polyethylene Tubing | 6.68 | |
| 22 11 16 00-0990 | LF | 1" Cross-Linked Polyethylene Tubing | 8.87 | |
| **22 11 16 00-0991** | | **Cross-Linked Polyethylene Forged Brass PEX Fittings** *(22 11 16 00-0985)*<br>Note: Aboveground, domestic water usage. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 11 16 00-0992** | | **Male Adapters** *(22 11 16 00-0991)* | | |
| 22 11 16 00-0993 | EA | 3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing | 22.27 | |
| 22 11 16 00-0994 | EA | 1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing | 23.99 | |
| 22 11 16 00-0995 | EA | 1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing | 26.28 | |
| 22 11 16 00-0996 | EA | 3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing | 27.45 | |
| 22 11 16 00-0997 | EA | 3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing | 26.28 | |
| 22 11 16 00-0998 | EA | 1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing | 34.76 | |
| **22 11 16 00-0999** | | **Female Adapters** *(22 11 16 00-0991)* | | |
| 22 11 16 00-1000 | EA | 1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing | 24.56 | |
| 22 11 16 00-1001 | EA | 1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing | 27.83 | |
| 22 11 16 00-1002 | EA | 3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing | 29.00 | |
| 22 11 16 00-1003 | EA | 3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing | 27.83 | |
| 22 11 16 00-1004 | EA | 1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing | 35.46 | |
| **22 11 16 00-1005** | | **Tube Adapters** *(22 11 16 00-0991)* | | |
| 22 11 16 00-1006 | EA | 3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing | 19.97 | |
| 22 11 16 00-1007 | EA | 1/2" Forged Brass Tube Adapter For PEX Tubing | 21.13 | |
| 22 11 16 00-1008 | EA | 3/4" Forged Brass Tube Adapter For PEX Tubing | 25.61 | |
| 22 11 16 00-1009 | EA | 1" Forged Brass Tube Adapter For PEX Tubing | 33.31 | |
| **22 11 16 00-1010** | | **Plugs** *(22 11 16 00-0991)* | | |
| 22 11 16 00-1011 | EA | 3/8" Forged Brass Plug For PEX Tubing | 10.11 | |
| 22 11 16 00-1012 | EA | 1/2" Forged Brass Plug For PEX Tubing | 11.27 | |
| 22 11 16 00-1013 | EA | 3/4" Forged Brass Plug For PEX Tubing | 13.00 | |
| 22 11 16 00-1014 | EA | 1" Forged Brass Plug For PEX Tubing | 16.32 | |
| **22 11 16 00-1015** | | **Tees** *(22 11 16 00-0991)* | | |
| 22 11 16 00-1016 | EA | 3/8" Forged Brass Tee For PEX Tubing | 28.53 | |
| 22 11 16 00-1017 | EA | 1/2" Forged Brass Tee For PEX Tubing | 32.01 | |
| 22 11 16 00-1018 | EA | 3/4" Forged Brass Tee For PEX Tubing | 38.32 | |
| 22 11 16 00-1019 | EA | 1" Forged Brass Tee For PEX Tubing | 49.77 | |
| 22 11 16 00-1020 | EA | 1/2" Forged Brass Reducing Tee For PEX Tubing | 30.84 | |
| 22 11 16 00-1021 | EA | 3/4" Forged Brass Reducing Tee For PEX Tubing | 36.00 | |
| 22 11 16 00-1022 | EA | 1" Forged Brass Reducing Tee For PEX Tubing | 45.15 | |
| **22 11 16 00-1023** | | **Couplings** *(22 11 16 00-0991)* | | |
| 22 11 16 00-1024 | EA | 3/8" Forged Brass Coupling For PEX Tubing | 18.38 | |
| 22 11 16 00-1025 | EA | 1/2" Forged Brass Coupling For PEX Tubing | 20.84 | |
| 22 11 16 00-1026 | EA | 3/4" Forged Brass Coupling For PEX Tubing | 23.87 | |
| 22 11 16 00-1027 | EA | 1" Forged Brass Coupling For PEX Tubing | 29.48 | |
| 22 11 16 00-1028 | EA | 3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing | 22.70 | |
| 22 11 16 00-1029 | EA | 1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing | 28.32 | |
| **22 11 16 00-1030** | | **Fitting Reducers** *(22 11 16 00-0991)* | | |
| 22 11 16 00-1031 | EA | 3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing | 20.39 | |
| 22 11 16 00-1032 | EA | 1/2" Forged Brass Fitting Reducer For PEX Tubing | 21.55 | |
| 22 11 16 00-1033 | EA | 3/4" Forged Brass Fitting Reducer For PEX Tubing | 26.46 | |
| 22 11 16 00-1034 | EA | 1" Forged Brass Fitting Reducer For PEX Tubing | 38.15 | |
| **22 11 16 00-1035** | | **90 Degree Elbows** *(22 11 16 00-0991)* | | |
| 22 11 16 00-1036 | EA | 3/8" Forged Brass 90 Degree Elbow For PEX Tubing | 19.66 | |
| 22 11 16 00-1037 | EA | 1/2" Forged Brass 90 Degree Elbow For PEX Tubing | 21.98 | |
| 22 11 16 00-1038 | EA | 3/4" Forged Brass 90 Degree Elbow For PEX Tubing | 26.46 | |
| 22 11 16 00-1039 | EA | 3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing | 25.29 | |
| 22 11 16 00-1040 | EA | 1/2" Drop 90 Degree Elbow For PEX Tubing | 30.82 | |
| 22 11 16 00-1041 | EA | 3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing | 34.42 | |
| 22 11 16 00-1042 | EA | 3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing | 33.25 | |
| **22 11 19** | | **Domestic Water Piping Specialties** *(22 11)* | | |
| **22 11 19 00-0001** | | **Rubber Hose And Clamps** *(22 11 19)* | | |
| **22 11 19 00-0002** | | **General Purpose Hose** *(22 11 19 00-0001)* | | |
| | | Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat. | | |
| 22 11 19 00-0003 | LF | 3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp | 7.04 | 2.31 |
| 22 11 19 00-0004 | LF | 1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp | 8.20 | 2.31 |
| 22 11 19 00-0005 | LF | 5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp | 9.90 | 2.31 |
| 22 11 19 00-0006 | LF | 3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp | 9.98 | 2.31 |
| 22 11 19 00-0007 | LF | 1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp | 13.39 | 3.47 |
| 22 11 19 00-0008 | LF | 1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp | 21.66 | 3.47 |
| 22 11 19 00-0009 | LF | 1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp | 23.58 | 4.62 |
| 22 11 19 00-0010 | LF | 2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp | 44.36 | 4.62 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0011 | | **Reinfored EPDM Water Hose Assembly** *(22 11 19 00-0001)* Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement. | | |
| 22 11 19 00-0012 | LF | 1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement | 58.42 | 4.62 |
| 22 11 19 00-0013 | LF | 2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement | 68.84 | 4.62 |
| 22 11 19 00-0014 | LF | 3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement | 96.75 | 5.68 |
| 22 11 19 00-0015 | LF | 4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement | 135.63 | 7.68 |
| 22 11 19 00-0016 | | **Chemical Resistant Rubber Hoses** *(22 11 19 00-0001)* | | |
| 22 11 19 00-0017 | EA | 50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose | 1,137.88 | 250.99 |
| 22 11 19 00-0018 | EA | 50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose | 1,554.51 | 250.99 |
| 22 11 19 00-0019 | | **Water Pump Hose** *(22 11 19 00-0001)* | | |
| 22 11 19 00-0020 | EA | 2" Inside Diameter, 20' Rubber Discharge Hose | 512.25 | 70.57 |
| 22 11 19 00-0021 | EA | 2" Inside Diameter, 20' Rubber Intake Hose | 540.96 | 70.57 |
| 22 11 19 00-0022 | | **Barbed Hose x Threaded Male Pipe, Steel Coupling** *(22 11 19 00-0001)* | | |
| 22 11 19 00-0023 | EA | 3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling | 28.40 | 9.70 |
| 22 11 19 00-0024 | EA | 1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling | 30.15 | 10.40 |
| 22 11 19 00-0025 | EA | 5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling | 32.28 | 11.09 |
| 22 11 19 00-0026 | EA | 3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling | 36.67 | 12.47 |
| 22 11 19 00-0027 | EA | 1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling | 43.95 | 15.25 |
| 22 11 19 00-0028 | EA | 1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling | 52.12 | 18.25 |
| 22 11 19 00-0029 | EA | 1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling | 67.27 | 24.02 |
| 22 11 19 00-0030 | EA | 2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling | 84.64 | 30.03 |
| 22 11 19 00-0031 | | **Worm-Drive Hose Clamp** *(22 11 19 00-0001)* | | |
| 22 11 19 00-0032 | EA | 3/8" To 1" Diameter Worm Drive Hose Clamp | 11.99 | 3.47 |
| 22 11 19 00-0033 | EA | 1/2" To 1-1/6" Diameter Worm Drive Hose Clamp | 12.69 | 3.47 |
| 22 11 19 00-0034 | EA | 5/8" To 1-1/2" Diameter Worm Drive Hose Clamp | 13.44 | 3.47 |
| 22 11 19 00-0035 | EA | 3/4" To 2" Diameter Worm Drive Hose Clamp | 14.30 | 3.47 |
| 22 11 19 00-0036 | EA | 1" To 2-1/2" Diameter Worm Drive Hose Clamp | 15.30 | 3.47 |
| 22 11 19 00-0037 | EA | 1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp | 16.55 | 4.62 |
| 22 11 19 00-0038 | EA | 1-1/2" To 3" Diameter Worm Drive Hose Clamp | 17.87 | 4.62 |
| 22 11 19 00-0039 | | **Trap Primer And Accessories** *(22 11 19)* | | |
| 22 11 19 00-0040 | | **Trap Primer** *(22 11 19 00-0039)* | | |
| 22 11 19 00-0041 | EA | 1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699) | 289.41 | 17.42 |
| 22 11 19 00-0042 | EA | 1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500) | 177.58 | 11.61 |
| 22 11 19 00-0043 | EA | 1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500) | 172.01 | 11.61 |
| 22 11 19 00-0044 | | **Trap Primer Distribution Unit** *(22 11 19 00-0039)* | | |
| 22 11 19 00-0045 | EA | Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains. | 150.10 | 23.22 |
| 22 11 19 00-0046 | EA | Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains. | 165.10 | 23.22 |
| 22 11 19 00-0047 | | **Trap Primer Manifold** *(22 11 19 00-0039)* | | |
| 22 11 19 00-0048 | EA | Two Outlet Trap Primer Manifold | 232.49 | 31.23 |
| 22 11 19 00-0049 | EA | Four Outlet Trap Primer Manifold | 351.39 | 35.53 |
| 22 11 19 00-0050 | EA | Six Outlet Trap Primer Manifold | 467.45 | 37.62 |
| 22 11 19 00-0051 | EA | Eight Outlet Trap Primer Manifold | 587.94 | 44.12 |
| 22 11 19 00-0052 | | **Sewage Air Release Valves** *(22 11 19)* | | |
| 22 11 19 00-0053 | | **Cast Iron, Sewage Air Release Valves** *(22 11 19 00-0052)* Note: Stainless steel float. | | |
| 22 11 19 00-0054 | EA | 2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400) | 954.13 | 42.40 |
| | | *For Back Flush Attachment, Add* | *650.00* | |
| 22 11 19 00-0055 | EA | 3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400) | 1,171.46 | 70.86 |
| | | *For Back Flush Attachment, Add* | *650.00* | |
| 22 11 19 00-0056 | EA | 4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400) | 1,485.48 | 89.45 |
| | | *For Back Flush Attachment, Add* | *650.00* | |
| 22 11 19 00-0057 | | **Cast Iron, Sewage Air Vacuum Valves** *(22 11 19 00-0052)* Note: Stainless steel float. | | |
| 22 11 19 00-0058 | EA | 2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401) | 974.83 | 42.40 |
| | | *For Back Flush Attachment, Add* | *650.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0059 | EA | 2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402) | 1,911.43 | 42.40 |
| | | *For Back Flush Attachment, Add* | *650.00* | |
| 22 11 19 00-0060 | EA | 3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403) | 2,294.34 | 70.86 |
| | | *For Back Flush Attachment, Add* | *650.00* | |
| 22 11 19 00-0061 | EA | 4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404) | 3,397.49 | 89.45 |
| 22 11 19 00-0062 | | Cast Iron, Sewage Combination Air Valves *(22 11 19 00-0052)* | | |
| | | Note: Stainless steel float. | | |
| 22 11 19 00-0063 | EA | 2" x 1" NPT, Sewage Combination Air Valve (Apco 443) | 2,082.20 | 42.40 |
| 22 11 19 00-0064 | EA | 2" x 2" NPT, Sewage Combination Air Valve (Apco 445) | 2,871.32 | 42.40 |
| 22 11 19 00-0065 | EA | 3" x 3" NPT, Sewage Combination Air Valve (Apco 447) | 3,360.31 | 70.86 |
| 22 11 19 00-0066 | EA | 4" x 4" NPT, Sewage Combination Air Valve (Apco 449) | 4,109.00 | 89.45 |
| 22 11 19 00-0067 | | Brass, Anti Siphon Vacuum Breakers *(22 11 19)* | | |
| | | Note: Watts 288A | | |
| 22 11 19 00-0068 | EA | 1/2" Brass, Anti Siphon Vacuum Breaker | 105.52 | 29.03 |
| 22 11 19 00-0069 | EA | 3/4" Brass, Anti Siphon Vacuum Breaker | 121.17 | 32.51 |
| 22 11 19 00-0070 | EA | 1" Brass, Anti Siphon Vacuum Breaker | 246.49 | 37.15 |
| 22 11 19 00-0071 | EA | 1-1/4" Brass, Anti Siphon Vacuum Breaker | 391.11 | 42.96 |
| 22 11 19 00-0072 | EA | 1-1/2" Brass, Anti Siphon Vacuum Breaker | 467.08 | 47.60 |
| 22 11 19 00-0073 | EA | 2" Brass, Anti Siphon Vacuum Breaker | 682.85 | 58.06 |
| 22 11 19 00-0074 | EA | 2-1/2" Brass, Anti Siphon Vacuum Breaker | 1,785.93 | 72.58 |
| 22 11 19 00-0075 | | Anti Siphon Pressure Vacuum Breakers *(22 11 19)* | | |
| | | Note: Watts 800M4QT | | |
| 22 11 19 00-0076 | EA | 1/2" Anti Siphon Pressure Type Vacuum Breaker | 306.56 | 29.03 |
| 22 11 19 00-0077 | EA | 3/4" Anti Siphon Pressure Type Vacuum Breaker | 268.41 | 32.51 |
| 22 11 19 00-0078 | EA | 1" Anti Siphon Pressure Type Vacuum Breaker | 383.23 | 37.15 |
| 22 11 19 00-0079 | EA | 1-1/4" Anti Siphon Pressure Type Vacuum Breaker | 691.94 | 42.96 |
| 22 11 19 00-0080 | EA | 1-1/2" Anti Siphon Pressure Type Vacuum Breaker | 842.50 | 47.60 |
| 22 11 19 00-0081 | EA | 2" Anti Siphon Pressure Type Vacuum Breaker | 851.01 | 58.06 |
| 22 11 19 00-0082 | | Bellows Type Water Hammer Arrestors *(22 11 19)* | | |
| 22 11 19 00-0083 | EA | Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005) | 280.22 | 13.88 |
| 22 11 19 00-0084 | EA | >11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010) | 547.35 | 16.80 |
| 22 11 19 00-0085 | EA | >32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020) | 802.02 | 16.80 |
| 22 11 19 00-0086 | EA | >60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030) | 1,960.12 | 16.80 |
| 22 11 19 00-0087 | EA | >113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040) | 2,208.18 | 16.80 |
| 22 11 19 00-0088 | EA | >154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050) | 2,705.77 | 16.80 |
| 22 11 19 00-0089 | | Piston Type Water Hammer Arrestors *(22 11 19)* | | |
| 22 11 19 00-0090 | | Threaded Piston Type Water Hammer Arrestors *(22 11 19 00-0089)* | | |
| 22 11 19 00-0091 | EA | Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A) | 169.18 | 7.74 |
| 22 11 19 00-0092 | EA | >11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B) | 325.27 | 8.93 |
| 22 11 19 00-0093 | EA | >32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C) | 483.58 | 9.68 |
| 22 11 19 00-0094 | EA | >60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D) | 1,190.21 | 12.49 |
| 22 11 19 00-0095 | EA | >113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E) | 1,449.61 | 15.49 |
| 22 11 19 00-0096 | EA | >154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F) | 1,649.59 | 16.80 |
| 22 11 19 00-0097 | | Wall Hydrants *(22 11 19)* | | |
| | | Note: Female inlet connection, 3/4" hose thread outlet. | | |
| 22 11 19 00-0098 | | Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0097)* | | |
| | | Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp. | | |
| 22 11 19 00-0099 | EA | 6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant | 851.37 | 29.03 |
| 22 11 19 00-0100 | EA | 12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant | 896.49 | 34.84 |
| 22 11 19 00-0101 | EA | 18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant | 920.27 | 41.92 |
| 22 11 19 00-0102 | | Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0097)* | | |
| | | Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp. | | |
| 22 11 19 00-0103 | EA | Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant | 851.23 | 48.77 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 11 19 00-0104** | | **Cast Bronze Non-Freezing Wall Hydrant** *(22 11 19 00-0097)*<br>Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp. | | |
| 22 11 19 00-0105 | EA | 3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant | 457.07 | 36.00 |
| 22 11 19 00-0106 | EA | 4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant | 567.81 | 36.00 |
| 22 11 19 00-0107 | EA | 6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant | 567.81 | 36.00 |
| 22 11 19 00-0108 | EA | 8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant | 567.81 | 36.00 |
| 22 11 19 00-0109 | EA | 10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant | 593.58 | 72.58 |
| 22 11 19 00-0110 | EA | 12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant | 593.58 | 72.58 |
| 22 11 19 00-0111 | EA | 18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant | 670.67 | 72.58 |
| **22 11 19 00-0112** | | **Stainless Steel Box Type Wall Hydrants** *(22 11 19 00-0097)*<br>Note: With 3/4" NPT female and 3/4" NPT male inlet connection. | | |
| 22 11 19 00-0113 | EA | Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140) | 421.65 | 29.03 |
| 22 11 19 00-0114 | EA | Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141) | 460.29 | 29.03 |
| 22 11 19 00-0115 | EA | Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150) | 465.56 | 29.03 |
| 22 11 19 00-0116 | EA | Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151) | 523.51 | 29.03 |
| 22 11 19 00-0117 | EA | Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145)<br>Note: Includes hot and cold hose connections. | 737.79 | 40.64 |
| 22 11 19 00-0118 | EA | Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146)<br>Note: Includes hot and cold hose connections. | 760.62 | 40.64 |
| 22 11 19 00-0119 | EA | Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155)<br>Note: Includes hot and cold hose connections. | 760.62 | 40.64 |
| 22 11 19 00-0120 | EA | Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156)<br>Note: Includes hot and cold hose connections. | 815.06 | 40.64 |
| **22 11 19 00-0121** | | **Washer Boxes And Dryer Outlets** *(22 11 19)* | | |
| **22 11 19 00-0122** | | **Dryer Vent Kit** *(22 11 19 00-0121)*<br>Note: Includes 4" flexible tubing plastic hood clamps and tailpipe. | | |
| 22 11 19 00-0123 | EA | Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps | 76.98 | 15.09 |
| **22 11 19 00-0124** | | **Washer Boxes And Dryer Vents** *(22 11 19 00-0121)*<br>Note: Includes 1/2" supply valves and mounting brackets. | | |
| 22 11 19 00-0125 | EA | 2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves | 275.81 | 23.22 |
| **22 11 19 00-0126** | | **Ice Maker Outlet Box** *(22 11 19)*<br>Note: Includes one 1/2" quarter turn ball valve and connections wall mount. | | |
| 22 11 19 00-0127 | EA | Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount | 146.10 | 23.22 |
| 22 11 19 00-0128 | EA | Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount | 148.48 | 23.22 |
| 22 11 19 00-0129 | EA | Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount | 210.56 | 23.22 |
| **22 11 19 00-0130** | | **Tempering Controllers For Potable Hot Water** *(22 11 19)* | | |
| **22 11 19 00-0131** | | **Point-Of-Use Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0130)*<br>Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. | | |
| 22 11 19 00-0132 | EA | 1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007) | 507.45 | 28.11 |
| 22 11 19 00-0133 | EA | 1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004) | 136.26 | 28.11 |
| 22 11 19 00-0134 | EA | 1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008) | 288.09 | 28.11 |
| 22 11 19 00-0135 | EA | 3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016) | 330.32 | 37.87 |
| **22 11 19 00-0136** | | **Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0130)*<br>Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers. | | |
| 22 11 19 00-0137 | EA | 3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025) | 1,380.60 | 40.54 |
| 22 11 19 00-0138 | EA | 3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045) | 1,549.31 | 49.93 |
| 22 11 19 00-0139 | EA | 1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080) | 1,862.72 | 58.08 |
| 22 11 19 00-0140 | EA | 1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130) | 2,415.65 | 61.04 |
| 22 11 19 00-0141 | EA | 2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200) | 3,243.33 | 79.20 |
| **22 11 19 00-0142** | | **High Low Temperature Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0130)*<br>Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers. | | |
| 22 11 19 00-0143 | EA | 3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045) | 3,522.47 | 62.44 |
| 22 11 19 00-0144 | EA | 1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080) | 4,585.29 | 72.60 |
| 22 11 19 00-0145 | EA | 1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130) | 5,348.20 | 76.31 |
| 22 11 19 00-0146 | EA | 2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200) | 5,923.98 | 98.99 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0147 | | Thermostatic Mixing Valves (Leonard) *(22 11 19 00-0130)*<br>Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection | | |
| 22 11 19 00-0148 | EA | 3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF)<br>Note: For hot water or two pipe low pressure steam. | 1,000.85 | 40.54 |
| 22 11 19 00-0149 | EA | 1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF)<br>Note: For hot water or two pipe low pressure steam. | 1,178.20 | 49.93 |
| 22 11 19 00-0150 | EA | 1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF)<br>Note: For hot water or two pipe low pressure steam. | 1,448.23 | 58.08 |
| 22 11 19 00-0151 | EA | 1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF)<br>Note: For hot water or two pipe low pressure steam. | 1,771.30 | 61.07 |
| 22 11 19 00-0152 | EA | 2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF)<br>Note: For hot water or two pipe low pressure steam. | 2,632.23 | 79.20 |
| 22 11 19 00-0153 | | Water Mixing/Self Operating Temperature Regulator *(22 11 19 00-0130)*<br>Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube. | | |
| 22 11 19 00-0154 | EA | 3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) | 3,143.37 | 58.06 |
| 22 11 19 00-0155 | EA | 1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) | 3,328.93 | 73.15 |
| 22 11 19 00-0156 | EA | 1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) | 3,665.41 | 88.25 |
| 22 11 19 00-0157 | EA | 1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) | 4,033.79 | 103.34 |
| 22 11 19 00-0158 | EA | 2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) | 4,798.75 | 135.86 |
| 22 11 19 00-0159 | EA | 2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) | 5,668.25 | 154.93 |
| 22 11 19 00-0160 | | Thermostatic Mixing Valves (Holby) *(22 11 19 00-0130)* | | |
| 22 11 19 00-0161 | EA | 2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500) | 4,695.26 | 79.22 |
| 22 11 19 00-0162 | | Backflow Preventer Valves *(22 11 19)* | | |
| 22 11 19 00-0163 | | Double Check Valve Backflow Preventer Assemblies *(22 11 19 00-0162)* | | |
| 22 11 19 00-0164 | | Threaded Double Check Valve Assemblies *(22 11 19 00-0163)* | | |
| 22 11 19 00-0165 | | Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0164)*<br>Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series). | | |
| 22 11 19 00-0166 | EA | 1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series) | 400.78 | 31.12 |
| 22 11 19 00-0167 | EA | 3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series) | 474.92 | 44.12 |
| 22 11 19 00-0168 | EA | 1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series) | 548.37 | 53.88 |
| 22 11 19 00-0169 | EA | 1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series) | 764.53 | 62.70 |
| 22 11 19 00-0170 | EA | 1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series) | 945.17 | 71.99 |
| 22 11 19 00-0171 | EA | 2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series) | 1,091.41 | 92.89 |
| 22 11 19 00-0172 | | Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0164)*<br>Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series). | | |
| 22 11 19 00-0173 | EA | 1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S) | 493.20 | 31.12 |
| 22 11 19 00-0174 | EA | 3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S) | 610.28 | 44.12 |
| 22 11 19 00-0175 | EA | 1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S) | 714.32 | 53.88 |
| 22 11 19 00-0176 | EA | 1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S) | 1,000.98 | 62.70 |
| 22 11 19 00-0177 | EA | 1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S) | 1,223.66 | 71.99 |
| 22 11 19 00-0178 | EA | 2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S) | 1,475.90 | 92.89 |
| 22 11 19 00-0179 | | Flanged Double Check Valve Assemblies *(22 11 19 00-0163)* | | |
| 22 11 19 00-0180 | | Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series). | | |
| 22 11 19 00-0181 | EA | 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS) | 5,350.79 | 256.62 |
| 22 11 19 00-0182 | EA | 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS) | 5,879.58 | 288.70 |
| 22 11 19 00-0183 | | Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series). | | |
| 22 11 19 00-0184 | EA | 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY) | 5,859.89 | 256.62 |
| 22 11 19 00-0185 | EA | 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY) | 6,728.07 | 288.70 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 11 19 00-0186** | | **Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series). | | |
| 22 11 19 00-0187 | EA | 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series) | 5,387.50 | 256.62 |
| 22 11 19 00-0188 | EA | 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series) | 4,119.74 | 288.70 |
| 22 11 19 00-0189 | EA | 4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series) | 6,447.35 | 427.70 |
| 22 11 19 00-0190 | EA | 6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series) | 9,762.37 | 596.06 |
| 22 11 19 00-0191 | EA | 8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series) | 22,270.20 | 894.09 |
| 22 11 19 00-0192 | EA | 10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series) | 28,598.01 | 1,057.52 |
| **22 11 19 00-0193** | | **Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series). | | |
| 22 11 19 00-0194 | EA | 4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series) | 7,522.47 | 427.70 |
| 22 11 19 00-0195 | EA | 6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series) | 12,464.26 | 596.06 |
| 22 11 19 00-0196 | EA | 10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series) | 33,207.44 | 1,057.52 |
| **22 11 19 00-0197** | | **Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series). | | |
| 22 11 19 00-0198 | EA | 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series) | 5,720.56 | 256.62 |
| 22 11 19 00-0199 | EA | 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series) | 6,286.09 | 288.70 |
| 22 11 19 00-0200 | EA | 4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series) | 6,837.35 | 427.70 |
| 22 11 19 00-0201 | EA | 6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series) | 11,420.75 | 596.06 |
| 22 11 19 00-0202 | EA | 8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series) | 23,647.20 | 894.09 |
| 22 11 19 00-0203 | EA | 10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series) | 30,375.07 | 1,057.52 |
| **22 11 19 00-0204** | | **Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series). | | |
| 22 11 19 00-0205 | EA | 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series) | 3,419.63 | 256.62 |
| 22 11 19 00-0206 | EA | 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series) | 3,765.00 | 288.70 |
| 22 11 19 00-0207 | EA | 4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series) | 4,263.25 | 427.70 |
| 22 11 19 00-0208 | EA | 6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series) | 6,851.81 | 596.06 |
| 22 11 19 00-0209 | EA | 8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series) | 13,032.91 | 894.09 |
| 22 11 19 00-0210 | EA | 10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series) | 14,140.60 | 1,057.52 |
| **22 11 19 00-0211** | | **N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series). | | |
| 22 11 19 00-0212 | EA | 2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series) | 4,511.59 | 256.62 |
| 22 11 19 00-0213 | EA | 3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series) | 4,856.95 | 288.70 |
| 22 11 19 00-0214 | EA | 4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series) | 6,087.95 | 427.70 |
| 22 11 19 00-0215 | EA | 6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series) | 9,906.44 | 596.06 |
| 22 11 19 00-0216 | EA | 8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series) | 17,560.18 | 894.09 |
| 22 11 19 00-0217 | EA | 10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series) | 20,896.43 | 1,057.52 |
| **22 11 19 00-0218** | | **Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series). | | |
| 22 11 19 00-0219 | EA | 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series) | 3,202.44 | 256.62 |
| 22 11 19 00-0220 | EA | 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series) | 3,557.69 | 288.70 |
| 22 11 19 00-0221 | EA | 4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series) | 4,065.69 | 427.70 |
| 22 11 19 00-0222 | EA | 6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series) | 6,696.61 | 596.06 |
| 22 11 19 00-0223 | EA | 8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series) | 12,883.35 | 894.09 |
| 22 11 19 00-0224 | EA | 10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series) | 14,558.20 | 1,057.52 |
| **22 11 19 00-0225** | | **N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series). | | |
| 22 11 19 00-0226 | EA | 2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) | 4,202.84 | 256.62 |
| 22 11 19 00-0227 | EA | 3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) | 4,548.21 | 288.70 |
| 22 11 19 00-0228 | EA | 4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) | 5,779.58 | 427.70 |
| 22 11 19 00-0229 | EA | 6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) | 9,578.00 | 596.06 |
| 22 11 19 00-0230 | EA | 8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) | 17,063.05 | 894.09 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0231 | EA | 10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) | 20,397.85 | 1,057.52 |
| 22 11 19 00-0232 | | **Double Check Valve Assemblies With Butterfly Shut-Off Valves** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series). | | |
| 22 11 19 00-0233 | EA | 2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 3,716.10 | 256.62 |
| 22 11 19 00-0234 | EA | 3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 4,061.46 | 288.70 |
| 22 11 19 00-0235 | EA | 4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 4,559.72 | 427.70 |
| 22 11 19 00-0236 | EA | 6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 7,155.75 | 596.06 |
| 22 11 19 00-0237 | EA | 8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 13,336.85 | 894.09 |
| 22 11 19 00-0238 | | **N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs** *(22 11 19 00-0179)*<br>Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series). | | |
| 22 11 19 00-0239 | EA | 2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series) | 4,808.05 | 256.62 |
| 22 11 19 00-0240 | EA | 3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 5,153.42 | 288.70 |
| 22 11 19 00-0241 | EA | 4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 6,384.42 | 427.70 |
| 22 11 19 00-0242 | EA | 6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 10,210.44 | 596.06 |
| 22 11 19 00-0243 | EA | 8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) | 13,336.85 | 894.09 |
| 22 11 19 00-0244 | | **Grooved Double Check Valve Assemblies** *(22 11 19 00-0163)* | | |
| 22 11 19 00-0245 | | **Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0244)*<br>Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series). | | |
| 22 11 19 00-0246 | EA | 2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series) | 3,202.44 | 136.87 |
| 22 11 19 00-0247 | EA | 3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series) | 3,557.69 | 151.84 |
| 22 11 19 00-0248 | | **N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0244)*<br>Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series). | | |
| 22 11 19 00-0249 | EA | 2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series) | 4,202.84 | 136.87 |
| 22 11 19 00-0250 | EA | 3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series) | 4,548.21 | 151.84 |
| 22 11 19 00-0251 | | **Reduced Pressure Zone Backflow Preventer Assemblies** *(22 11 19 00-0162)* | | |
| 22 11 19 00-0252 | | **Threaded Reduced Pressure Zone Assemblies** *(22 11 19 00-0251)* | | |
| 22 11 19 00-0253 | | **Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0252)*<br>Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series). | | |
| 22 11 19 00-0254 | EA | 1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) | 443.00 | 26.93 |
| 22 11 19 00-0255 | EA | 3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) | 468.21 | 29.72 |
| 22 11 19 00-0256 | EA | 1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) | 544.40 | 31.12 |
| 22 11 19 00-0257 | EA | 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series) | 731.74 | 44.12 |
| 22 11 19 00-0258 | EA | 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | 868.57 | 53.88 |
| 22 11 19 00-0259 | EA | 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | 1,308.01 | 62.70 |
| 22 11 19 00-0260 | EA | 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | 1,384.21 | 71.99 |
| 22 11 19 00-0261 | EA | 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | 1,662.62 | 92.89 |
| 22 11 19 00-0262 | | **Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer** *(22 11 19 00-0252)*<br>Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series). | | |
| 22 11 19 00-0263 | EA | 1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) | 488.48 | 26.93 |
| 22 11 19 00-0264 | EA | 3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) | 516.14 | 29.72 |
| 22 11 19 00-0265 | EA | 1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) | 610.08 | 44.12 |
| 22 11 19 00-0266 | EA | 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) | 834.95 | 44.12 |
| 22 11 19 00-0267 | EA | 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) | 997.64 | 53.88 |
| 22 11 19 00-0268 | EA | 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) | 1,484.02 | 62.70 |
| 22 11 19 00-0269 | EA | 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) | 1,632.60 | 71.99 |
| 22 11 19 00-0270 | EA | 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) | 1,967.36 | 92.89 |
| 22 11 19 00-0271 | | **Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0252)*<br>Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series). | | |
| 22 11 19 00-0272 | EA | 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) | 731.74 | 44.12 |
| 22 11 19 00-0273 | EA | 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) | 868.57 | 53.88 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0274 | EA | 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) | 1,308.01 | 62.70 |
| 22 11 19 00-0275 | EA | 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) | 1,384.21 | 71.99 |
| 22 11 19 00-0276 | EA | 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) | 1,662.62 | 92.89 |
| 22 11 19 00-0277 | | Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0252)* | | |
| | | Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series). | | |
| 22 11 19 00-0278 | EA | 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series) | 834.95 | 44.12 |
| 22 11 19 00-0279 | EA | 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series) | 997.64 | 53.88 |
| 22 11 19 00-0280 | EA | 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series) | 1,484.02 | 62.70 |
| 22 11 19 00-0281 | EA | 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series) | 1,632.60 | 71.99 |
| 22 11 19 00-0282 | EA | 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series) | 1,967.36 | 92.89 |
| 22 11 19 00-0283 | | Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0252)* | | |
| | | Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series). | | |
| 22 11 19 00-0284 | EA | 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT) | 1,498.37 | 44.12 |
| 22 11 19 00-0285 | EA | 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT) | 1,773.96 | 53.88 |
| 22 11 19 00-0286 | EA | 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT) | 2,724.90 | 62.70 |
| 22 11 19 00-0287 | EA | 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT) | 2,946.76 | 71.99 |
| 22 11 19 00-0288 | EA | 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT) | 3,420.79 | 92.89 |
| 22 11 19 00-0289 | | Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0252)* | | |
| | | Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series). | | |
| 22 11 19 00-0290 | EA | 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S) | 2,014.33 | 44.12 |
| 22 11 19 00-0291 | EA | 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S) | 2,394.84 | 53.88 |
| 22 11 19 00-0292 | EA | 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S) | 3,646.54 | 62.70 |
| 22 11 19 00-0293 | EA | 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S) | 3,984.07 | 71.99 |
| 22 11 19 00-0294 | EA | 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S) | 4,734.31 | 92.89 |
| 22 11 19 00-0295 | | Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0251)* | | |
| 22 11 19 00-0296 | | Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0295)* | | |
| | | Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series). | | |
| 22 11 19 00-0297 | EA | 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series) | 4,924.01 | 256.62 |
| 22 11 19 00-0298 | EA | 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series) | 5,547.78 | 288.70 |
| 22 11 19 00-0299 | | Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer *(22 11 19 00-0295)* | | |
| | | Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series). | | |
| 22 11 19 00-0300 | EA | 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series) | 5,863.69 | 256.62 |
| 22 11 19 00-0301 | EA | 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series) | 6,639.42 | 288.70 |
| 22 11 19 00-0302 | | Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0295)* | | |
| | | Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series). | | |
| 22 11 19 00-0303 | EA | 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series) | 5,283.67 | 256.62 |
| 22 11 19 00-0304 | EA | 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series) | 6,145.52 | 288.70 |
| 22 11 19 00-0305 | | Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer *(22 11 19 00-0295)* | | |
| | | Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series) | | |
| 22 11 19 00-0306 | EA | 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series) | 5,863.69 | 256.62 |
| | | *For Work In Restricted Working Space, Add* | *102.65* | |
| | | *For Owner Furnished Material, Deduct* | *-5,521.53* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0307 | EA | 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series) | 6,639.42 | 288.70 |
| | | *For Work In Restricted Working Space, Add* | *113.87* | |
| | | *For Owner Furnished Material, Deduct* | *-6,259.84* | |
| 22 11 19 00-0308 | | **Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0295)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series). | | |
| 22 11 19 00-0309 | EA | 2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series) | 6,505.75 | 256.62 |
| 22 11 19 00-0310 | EA | 3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series) | 7,527.17 | 288.70 |
| 22 11 19 00-0311 | | **Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0295)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series). | | |
| 22 11 19 00-0312 | EA | 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series) | 8,433.20 | 256.62 |
| 22 11 19 00-0313 | EA | 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series) | 9,580.03 | 288.70 |
| 22 11 19 00-0314 | EA | 4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series) | 12,071.45 | 427.70 |
| 22 11 19 00-0315 | EA | 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series) | 18,218.84 | 596.06 |
| 22 11 19 00-0316 | EA | 8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series) | 30,208.67 | 894.09 |
| 22 11 19 00-0317 | EA | 10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series) | 38,938.40 | 1,057.52 |
| 22 11 19 00-0318 | | **Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer** *(22 11 19 00-0295)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series). | | |
| 22 11 19 00-0319 | EA | 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series) | 9,085.40 | 256.62 |
| 22 11 19 00-0320 | EA | 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series) | 10,266.40 | 288.70 |
| 22 11 19 00-0321 | EA | 4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series) | 13,123.78 | 427.70 |
| 22 11 19 00-0322 | EA | 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series) | 19,768.89 | 596.06 |
| 22 11 19 00-0323 | EA | 8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series) | 32,008.03 | 894.09 |
| 22 11 19 00-0324 | EA | 10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series) | 43,428.41 | 1,057.52 |
| 22 11 19 00-0325 | | **Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0295)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series). | | |
| 22 11 19 00-0326 | EA | 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series) | 8,970.16 | 256.62 |
| 22 11 19 00-0327 | EA | 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series) | 10,195.51 | 288.70 |
| 22 11 19 00-0328 | EA | 4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series) | 12,836.36 | 427.70 |
| 22 11 19 00-0329 | EA | 6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series) | 18,903.08 | 596.06 |
| 22 11 19 00-0330 | EA | 8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series) | 31,426.49 | 894.09 |
| 22 11 19 00-0331 | EA | 10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series) | 41,404.72 | 1,057.52 |
| 22 11 19 00-0332 | | **Double Check Detector Assemblies** *(22 11 19 00-0162)* | | |
| 22 11 19 00-0333 | | **Flanged Double Check Detector Assemblies With Meter** *(22 11 19 00-0332)* | | |
| 22 11 19 00-0334 | | **Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter** *(22 11 19 00-0333)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series). | | |
| 22 11 19 00-0335 | EA | 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) | 6,740.80 | 288.70 |
| 22 11 19 00-0336 | EA | 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) | 7,078.73 | 427.70 |
| 22 11 19 00-0337 | EA | 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) | 9,528.67 | 596.06 |
| 22 11 19 00-0338 | EA | 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) | 16,892.47 | 894.09 |
| 22 11 19 00-0339 | EA | 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) | 22,801.74 | 1,057.52 |
| 22 11 19 00-0340 | | **Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter** *(22 11 19 00-0333)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series). | | |
| 22 11 19 00-0341 | EA | 2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) | 5,054.77 | 256.62 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0342 | EA | 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) | 5,399.80 | 288.70 |
| 22 11 19 00-0343 | EA | 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) | 5,905.34 | 427.70 |
| 22 11 19 00-0344 | EA | 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) | 8,004.75 | 596.06 |
| 22 11 19 00-0345 | EA | 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) | 14,138.10 | 894.09 |
| 22 11 19 00-0346 | EA | 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) | 16,673.16 | 1,057.52 |

### 22 11 19 00-0347 Double Check Detector Assembly With Butterfly Valves And Meter *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0348 | EA | 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) | 5,351.30 | 256.62 |
| 22 11 19 00-0349 | EA | 3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) | 5,696.33 | 288.70 |
| 22 11 19 00-0350 | EA | 4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) | 6,201.80 | 427.70 |
| 22 11 19 00-0351 | EA | 6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) | 8,308.68 | 596.06 |
| 22 11 19 00-0352 | EA | 8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) | 13,773.44 | 894.09 |

### 22 11 19 00-0353 Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0332)*

### 22 11 19 00-0354 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0353)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0355 | EA | 2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) | 4,961.14 | 256.62 |
| 22 11 19 00-0356 | EA | 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) | 5,306.21 | 288.70 |
| 22 11 19 00-0357 | EA | 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) | 5,811.75 | 427.70 |
| 22 11 19 00-0358 | EA | 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) | 7,911.16 | 596.06 |
| 22 11 19 00-0359 | EA | 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) | 14,044.58 | 894.09 |
| 22 11 19 00-0360 | EA | 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) | 16,579.51 | 1,057.52 |

### 22 11 19 00-0361 Double Check Detector Assembly With Butterfly Valves Less Meter *(22 11 19 00-0353)*

Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0362 | EA | 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) | 5,257.65 | 256.62 |
| 22 11 19 00-0363 | EA | 3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) | 5,602.68 | 288.70 |
| 22 11 19 00-0364 | EA | 4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) | 6,108.22 | 427.70 |
| 22 11 19 00-0365 | EA | 6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) | 8,215.03 | 596.06 |
| 22 11 19 00-0366 | EA | 8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) | 14,348.52 | 894.09 |

### 22 11 19 00-0367 Backflow Preventer Accessories *(22 11 19 00-0162)*

### 22 11 19 00-0368 Air Gap *(22 11 19 00-0367)*

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0369 | EA | Up To 1" Diameter Air Gap For Backflow Preventer | 114.98 | 14.52 |
| 22 11 19 00-0370 | EA | 1-1/4" To 2" Diameter Air Gap For Backflow Preventer | 141.40 | 17.42 |
| 22 11 19 00-0371 | EA | 2-1/2" To 3" Diameter Air Gap For Backflow Preventer | 263.35 | 23.22 |
| 22 11 19 00-0372 | EA | 4" To 6" Diameter Air Gap For Backflow Preventer | 519.71 | 40.64 |
| 22 11 19 00-0373 | EA | 8" To 10" Diameter Air Gap For Backflow Preventer | 554.54 | 58.06 |

### 22 11 19 00-0374 Brass Test Cocks *(22 11 19 00-0367)*

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0375 | EA | 1/8" Or 1/4" Brass Test Cock | 46.78 | 5.81 |

### 22 11 19 00-0376 Backflow Valve Enclosures *(22 11 19 00-0162)*

### 22 11 19 00-0377 Flip-Top, Insulated Fiberglass Valve Enclosures *(22 11 19 00-0376)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0378 | EA | 19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 983.93 | 104.50 |
| | | *For Heated Enclosure, Add* | *121.46* | |
| 22 11 19 00-0379 | EA | 27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 1,210.50 | 104.50 |
| | | *For Heated Enclosure, Add* | *155.45* | |
| 22 11 19 00-0380 | EA | 27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 1,535.60 | 96.23 |
| | | *For Heated Enclosure, Add* | *206.28* | |
| 22 11 19 00-0381 | EA | 33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 1,594.97 | 128.31 |
| | | *For Heated Enclosure, Add* | *207.17* | |
| 22 11 19 00-0382 | EA | 39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 1,671.81 | 128.31 |
| | | *For Heated Enclosure, Add* | *218.69* | |
| 22 11 19 00-0383 | EA | 47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 1,971.28 | 128.31 |
| | | *For Heated Enclosure, Add* | *263.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0384 | EA | 39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 1,979.16 | 128.31 |
| | | *For Heated Enclosure, Add* | *264.80* | |
| 22 11 19 00-0385 | EA | 47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 2,489.44 | 128.31 |
| | | *For Heated Enclosure, Add* | *341.34* | |
| 22 11 19 00-0386 | EA | 70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 5,736.88 | 192.46 |
| | | *For Heated Enclosure, Add* | *812.42* | |
| 22 11 19 00-0387 | EA | 83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 8,311.94 | 192.46 |
| | | *For Heated Enclosure, Add* | *1,198.68* | |
| 22 11 19 00-0388 | EA | 70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 7,898.20 | 192.46 |
| | | *For Heated Enclosure, Add* | *1,136.61* | |
| 22 11 19 00-0389 | EA | 83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure | 9,510.10 | 224.54 |
| | | *For Heated Enclosure, Add* | *1,370.38* | |

## 22 11 19 00-0390 One-Piece Drop Over, Insulated Fiberglass Valve Enclosures *(22 11 19 00-0376)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0391 | EA | 20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 539.00 | 27.87 |
| | | *For Heated Enclosure, Add* | *98.51* | |
| 22 11 19 00-0392 | EA | 27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 747.84 | 27.87 |
| | | *For Heated Enclosure, Add* | *140.28* | |
| 22 11 19 00-0393 | EA | 38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 937.25 | 25.66 |
| | | *For Heated Enclosure, Add* | *178.90* | |
| 22 11 19 00-0394 | EA | 47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 1,414.04 | 25.66 |
| | | *For Heated Enclosure, Add* | *274.25* | |
| 22 11 19 00-0395 | EA | 70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 3,658.10 | 48.12 |
| | | *For Heated Enclosure, Add* | *715.58* | |
| 22 11 19 00-0396 | EA | 83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 4,991.93 | 48.12 |
| | | *For Heated Enclosure, Add* | *982.35* | |
| 22 11 19 00-0397 | EA | 45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 3,327.11 | 48.12 |
| | | *For Heated Enclosure, Add* | *649.38* | |
| 22 11 19 00-0398 | EA | 53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 3,764.49 | 48.12 |
| | | *For Heated Enclosure, Add* | *736.86* | |
| 22 11 19 00-0399 | EA | 61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure | 5,886.41 | 48.12 |
| | | *For Heated Enclosure, Add* | *1,161.24* | |

## 22 11 19 00-0400 Sectional, Insulated Aluminum Valve Enclosures *(22 11 19 00-0376)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0401 | EA | 70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure | 7,464.75 | 209.01 |
| | | *For Heated Enclosure, Add* | *1,067.46* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0402 | EA | 83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure | 8,227.22 | 209.01 |
| | | *For Heated Enclosure, Add* | *1,181.83* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0403 | EA | 53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure | 5,829.48 | 192.46 |
| | | *For Heated Enclosure, Add* | *826.31* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0404 | EA | 53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure | 6,392.96 | 192.46 |
| | | *For Heated Enclosure, Add* | *910.83* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0405 | EA | 90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure | 7,439.68 | 256.62 |
| | | *For Heated Enclosure, Add* | *1,051.80* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0406 | EA | 102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure | 8,342.03 | 256.62 |
| | | *For Heated Enclosure, Add* | *1,187.15* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0407 | EA | 90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure | 8,342.03 | 256.62 |
| | | *For Heated Enclosure, Add* | *1,187.15* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0408 | EA | 102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure | 9,216.81 | 256.62 |
| | | *For Heated Enclosure, Add* | *1,318.37* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0409 | EA | 62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure | 6,921.25 | 224.54 |
| | | *For Heated Enclosure, Add* | *982.05* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0410 | EA | 62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure | 8,103.64 | 256.62 |
| | | *For Heated Enclosure, Add* | *1,151.39* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0411 | EA | 105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure | 9,468.99 | 256.62 |
| | | *For Heated Enclosure, Add* | *1,356.19* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0412 | EA | 125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure | 10,394.15 | 272.66 |
| | | *For Heated Enclosure, Add* | *1,490.96* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0413 | EA | 105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure | 10,659.77 | 296.09 |
| | | *For Heated Enclosure, Add* | *1,524.94* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0414 | EA | 125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure | 11,815.75 | 313.51 |
| | | *For Heated Enclosure, Add* | *1,693.99* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0415 | EA | 105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure | 12,225.58 | 288.70 |
| | | *For Heated Enclosure, Add* | *1,761.66* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0416 | EA | 72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure | 8,877.93 | 256.62 |
| | | *For Heated Enclosure, Add* | *1,267.53* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0417 | EA | 72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure | 9,463.08 | 256.62 |
| | | *For Heated Enclosure, Add* | *1,355.31* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0418 | EA | 72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure | 10,707.41 | 272.66 |
| | | *For Heated Enclosure, Add* | *1,537.95* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0419 | EA | 72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure | 12,976.23 | 288.70 |
| | | *For Heated Enclosure, Add* | *1,874.26* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0420 | EA | 118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure | 11,323.23 | 128.31 |
| | | *For Heated Enclosure, Add* | *1,626.31* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0421 | EA | 142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure | 13,605.86 | 128.31 |
| | | *For Heated Enclosure, Add* | *1,964.69* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0422 | EA | 118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure | 13,154.68 | 192.46 |
| | | *For Heated Enclosure, Add* | *1,897.02* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0423 | EA | 142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure | 15,263.07 | 192.46 |
| | | *For Heated Enclosure, Add* | *2,205.26* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0424 | EA | 142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure | 14,083.75 | 192.46 |
| | | *For Heated Enclosure, Add* | *2,032.37* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0425 | EA | 172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure | 16,460.10 | 224.54 |
| | | *For Heated Enclosure, Add* | *2,380.80* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0426 | EA | 142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure | 16,513.56 | 192.46 |
| | | *For Heated Enclosure, Add* | *2,380.80* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |
| 22 11 19 00-0427 | EA | 172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure | 19,591.29 | 192.46 |
| | | *For Heated Enclosure, Add* | *2,834.44* | |
| | | *For One 24" Fluorescent Light Fixture, Add* | *720.47* | |
| | | *For Two 24" Fluorescent Light Fixture, Add* | *1,289.27* | |

### 22 11 19 00-0428 Faucets (Hose Bibbs) *(22 11 19)*

### 22 11 19 00-0429 Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0428)*

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0430 | EA | 1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends | 61.56 | 11.61 |
| 22 11 19 00-0431 | EA | 3/4", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends | 71.31 | 12.78 |
| 22 11 19 00-0432 | EA | 3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL) | 17.65 | 8.71 |

### 22 11 19 00-0433 Chrome Plated Brass Hose Valves, Screwed Ends *(22 11 19 00-0428)*

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0434 | EA | 3/4" Hose Valve With Screwed Ends (Chicago Faucets #387-CP) | 213.89 | 35.53 |

### 22 11 19 00-0435 Antisiphon Freezeless Wall Faucet (Woodford 19CP) *(22 11 19 00-0428)*

| | | | | |
|---|---|---|---|---|
| 22 11 19 00-0436 | EA | 4" Long, 1/2" Antisiphon Freezeless Wall Faucet | 132.82 | 29.03 |
| 22 11 19 00-0437 | EA | 6" Long, 1/2" Antisiphon Freezeless Wall Faucet | 144.20 | 32.16 |
| 22 11 19 00-0438 | EA | 8" Long, 1/2" Antisiphon Freezeless Wall Faucet | 152.67 | 34.02 |
| 22 11 19 00-0439 | EA | 10" Long, 1/2" Antisiphon Freezeless Wall Faucet | 161.14 | 36.46 |
| 22 11 19 00-0440 | EA | 12" Long, 1/2" Antisiphon Freezeless Wall Faucet | 169.72 | 38.66 |

### 22 11 19 00-0441 Escutcheons *(22 11 19)*

### 22 11 19 00-0442 Brass Escutcheons *(22 11 19 00-0441)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 11 19 00-0443** | | **Shallow Brass Escutcheons** *(22 11 19 00-0442)* | | |
| 22 11 19 00-0444 | EA | 3/8" IPS, Antique Or Polished Brass Shallow Escutcheon | 13.16 | 2.90 |
| 22 11 19 00-0445 | EA | 1/2" IPS, Antique Or Polished Brass Shallow Escutcheon | 14.19 | 2.90 |
| **22 11 19 00-0446** | | **Deep Bell Brass Escutcheons** *(22 11 19 00-0442)* | | |
| 22 11 19 00-0447 | EA | 3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon | 15.52 | 3.25 |
| 22 11 19 00-0448 | EA | 1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon | 15.56 | 3.25 |
| **22 11 19 00-0449** | | **Cast Brass Escutcheons** *(22 11 19 00-0442)* | | |
| | | Note: With Brass Setscrew. | | |
| 22 11 19 00-0450 | EA | 3/8" IPS Cast Brass Escutcheon | 24.38 | 2.90 |
| 22 11 19 00-0451 | EA | 1/2" IPS Cast Brass Escutcheon | 24.65 | 2.90 |
| 22 11 19 00-0452 | EA | 5/8" IPS Cast Brass Escutcheon | 25.04 | 2.90 |
| 22 11 19 00-0453 | EA | 3/4" IPS Cast Brass Escutcheon | 26.48 | 2.90 |
| 22 11 19 00-0454 | EA | 7/8" IPS Cast Brass Escutcheon | 26.86 | 3.48 |
| 22 11 19 00-0455 | EA | 1" IPS Cast Brass Escutcheon | 28.25 | 3.48 |
| 22 11 19 00-0456 | EA | 1-1/4" IPS Cast Brass Escutcheon | 29.23 | 3.84 |
| 22 11 19 00-0457 | EA | 1-1/2" IPS Cast Brass Escutcheon | 30.53 | 4.07 |
| 22 11 19 00-0458 | EA | 2" IPS Cast Brass Escutcheon | 44.18 | 4.64 |
| **22 11 19 00-0459** | | **Plastic Escutcheons** *(22 11 19 00-0441)* | | |
| **22 11 19 00-0460** | | **Split-Ring White Plastic Escutcheons** *(22 11 19 00-0459)* | | |
| 22 11 19 00-0461 | EA | 3/8" IPS, Split-Ring White Plastic Escutcheon | 6.76 | 2.88 |
| 22 11 19 00-0462 | EA | 1/2" IPS, Split-Ring White Plastic Escutcheon | 6.76 | 2.88 |
| 22 11 19 00-0463 | EA | 3/4" IPS, Split-Ring White Plastic Escutcheon | 7.79 | 3.23 |
| 22 11 19 00-0464 | EA | 1" IPS, Split-Ring White Plastic Escutcheon | 8.46 | 3.47 |
| 22 11 19 00-0465 | EA | 1-1/4" IPS, Split-Ring White Plastic Escutcheon | 9.11 | 3.81 |
| 22 11 19 00-0466 | EA | 1-1/2" IPS, Split-Ring White Plastic Escutcheon | 9.76 | 4.04 |
| 22 11 19 00-0467 | EA | 2" IPS, Split-Ring White Plastic Escutcheon | 11.03 | 4.62 |
| 22 11 19 00-0468 | EA | 2-1/2" IPS, Split-Ring White Plastic Escutcheon | 13.65 | 4.96 |
| 22 11 19 00-0469 | EA | 3" IPS, Split-Ring White Plastic Escutcheon | 16.30 | 5.19 |
| 22 11 19 00-0470 | EA | 4" IPS, Split-Ring White Plastic Escutcheon | 19.50 | 5.78 |
| **22 11 19 00-0471** | | **Chrome Plate Plastic Escutcheons** *(22 11 19 00-0459)* | | |
| 22 11 19 00-0472 | EA | 1/2" IPS, Chrome Plate Plastic Escutcheon | 8.44 | 2.88 |
| 22 11 19 00-0473 | EA | 3/4" IPS, Chrome Plate Plastic Escutcheon | 9.23 | 3.23 |
| 22 11 19 00-0474 | EA | 1" IPS, Chrome Plate Plastic Escutcheon | 10.31 | 3.47 |
| 22 11 19 00-0475 | EA | 1-1/4" IPS, Chrome Plate Plastic Escutcheon | 11.39 | 3.81 |
| 22 11 19 00-0476 | EA | 1-1/2" IPS, Chrome Plate Plastic Escutcheon | 12.05 | 4.04 |
| 22 11 19 00-0477 | EA | 2" IPS, Chrome Plate Plastic Escutcheon | 14.93 | 4.62 |
| 22 11 19 00-0478 | EA | 2-1/2" IPS, Chrome Plate Plastic Escutcheon | 20.68 | 4.96 |
| 22 11 19 00-0479 | EA | 3" IPS, Chrome Plate Plastic Escutcheon | 21.49 | 5.19 |
| 22 11 19 00-0480 | EA | 4" IPS, Chrome Plate Plastic Escutcheon | 23.07 | 5.78 |
| **22 11 19 00-0481** | | **Stainless Steel Escutcheons** *(22 11 19 00-0441)* | | |
| **22 11 19 00-0482** | | **Shallow Stainless Steel Escutcheons** *(22 11 19 00-0481)* | | |
| 22 11 19 00-0483 | EA | 3/8" IPS, Shallow Stainless Steel Escutcheon | 17.00 | 2.90 |
| 22 11 19 00-0484 | EA | 1/2" IPS, Shallow Stainless Steel Escutcheon | 17.00 | 2.90 |
| 22 11 19 00-0485 | EA | 3/4" IPS, Shallow Stainless Steel Escutcheon | 23.95 | 3.25 |
| **22 11 19 00-0486** | | **Chrome Plated Steel Escutcheons** *(22 11 19 00-0441)* | | |
| **22 11 19 00-0487** | | **Split-Ring Chrome Plated Steel Escutcheons** *(22 11 19 00-0486)* | | |
| 22 11 19 00-0488 | EA | 1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon | 6.60 | 2.88 |
| 22 11 19 00-0489 | EA | 3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon | 7.17 | 3.23 |
| 22 11 19 00-0490 | EA | 1" IPS, Split-Ring Chrome Plated Steel Escutcheon | 7.90 | 3.47 |
| 22 11 19 00-0491 | EA | 1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon | 8.47 | 3.81 |
| 22 11 19 00-0492 | EA | 1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon | 9.06 | 4.04 |
| 22 11 19 00-0493 | EA | 2" IPS, Split-Ring Chrome Plated Steel Escutcheon | 10.45 | 4.62 |
| 22 11 19 00-0494 | EA | 2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon | 16.50 | 4.96 |
| 22 11 19 00-0495 | EA | 3" IPS, Split-Ring Chrome Plated Steel Escutcheon | 17.54 | 5.19 |
| 22 11 19 00-0496 | EA | 3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon | 21.93 | 5.54 |
| 22 11 19 00-0497 | EA | 4" IPS, Split-Ring Chrome Plated Steel Escutcheon | 19.09 | 5.78 |
| 22 11 19 00-0498 | EA | 5" IPS, Split-Ring Chrome Plated Steel Escutcheon | 25.02 | 6.35 |
| 22 11 19 00-0499 | EA | 6" IPS, Split-Ring Chrome Plated Steel Escutcheon | 29.36 | 6.93 |
| **22 11 19 00-0500** | | **Split-Ring/Springs Chrome Plated Steel Escutcheons** *(22 11 19 00-0486)* | | |
| 22 11 19 00-0501 | EA | 3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 11.19 | 2.88 |
| 22 11 19 00-0502 | EA | 1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 11.19 | 2.88 |
| 22 11 19 00-0503 | EA | 3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 11.93 | 3.23 |
| 22 11 19 00-0504 | EA | 1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 11.56 | 3.47 |
| 22 11 19 00-0505 | EA | 1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 14.27 | 3.81 |
| 22 11 19 00-0506 | EA | 1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 15.09 | 4.04 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 19 00-0507 | EA | 2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 17.95 | 4.62 |
| 22 11 19 00-0508 | EA | 2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 20.80 | 4.96 |
| 22 11 19 00-0509 | EA | 3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 25.71 | 5.19 |
| 22 11 19 00-0510 | EA | 3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 31.92 | 5.54 |
| 22 11 19 00-0511 | EA | 4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 32.33 | 5.78 |
| 22 11 19 00-0512 | EA | 5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 54.55 | 6.35 |
| 22 11 19 00-0513 | EA | 6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon | 56.84 | 6.93 |
| 22 11 19 00-0514 | | Deep Bell Chrome Plated Steel Escutcheons *(22 11 19 00-0486)* | | |
| 22 11 19 00-0515 | EA | 3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon | 8.16 | 3.25 |
| 22 11 19 00-0516 | EA | 1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon | 8.02 | 3.25 |
| 22 11 19 00-0517 | EA | 3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon | 7.74 | 3.25 |
| 22 11 19 00-0518 | EA | 1" IPS, Deep Bell Chrome Plated Steel Escutcheon | 8.68 | 3.48 |
| 22 11 19 00-0519 | EA | 1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon | 9.43 | 3.84 |
| 22 11 19 00-0520 | EA | 1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon | 10.41 | 4.07 |
| 22 11 19 00-0521 | | Shallow Chrome Plated Steel Escutcheons *(22 11 19 00-0486)* | | |
| 22 11 19 00-0522 | EA | 3/8" IPS, Shallow Chrome Plated Steel Escutcheon | 7.21 | 2.90 |
| 22 11 19 00-0523 | EA | 1/2" IPS, Shallow Chrome Plated Steel Escutcheon | 7.21 | 2.90 |
| 22 11 19 00-0524 | EA | 3/4" IPS, Shallow Chrome Plated Steel Escutcheon | 7.34 | 2.90 |
| 22 11 19 00-0525 | EA | 1" IPS, Shallow Chrome Plated Steel Escutcheon | 7.87 | 3.48 |
| 22 11 19 00-0526 | EA | 1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon | 8.52 | 3.84 |
| 22 11 19 00-0527 | EA | 1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon | 9.48 | 4.07 |
| 22 11 19 00-0528 | EA | 2" IPS, Shallow Chrome Plated Steel Escutcheon | 10.74 | 4.64 |
| 22 11 19 00-0529 | | Keyed, Recessed Valve Boxes *(22 11 19)* | | |
| 22 11 19 00-0530 | EA | 8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box | 218.85 | 34.65 |
| 22 11 19 00-0531 | EA | 8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box | 240.22 | 34.65 |
| 22 11 19 00-0532 | EA | 8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box | 272.27 | 34.65 |
| 22 11 19 00-0533 | EA | 12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box | 274.00 | 46.20 |
| 22 11 19 00-0534 | EA | 12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box | 306.05 | 46.20 |
| 22 11 19 00-0535 | EA | 12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box | 315.66 | 46.20 |
| 22 11 19 00-0536 | EA | 8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box | 253.04 | 34.65 |
| 22 11 19 00-0537 | EA | 8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box | 300.04 | 34.65 |
| 22 11 19 00-0538 | EA | 8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box | 341.71 | 34.65 |
| 22 11 19 00-0539 | EA | 12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box | 333.83 | 46.20 |
| 22 11 19 00-0540 | EA | 12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box | 375.49 | 46.20 |
| 22 11 19 00-0541 | EA | 12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box | 391.51 | 46.20 |

## 22 11 23 Domestic Water Pumps *(22 11)*

### 22 11 23 13 Domestic-Water Packaged Booster Pumps *(22 11 23)*

Note: Includes pump, motor, starter and controls.

22 11 23 13-0001 Simplex Domestic Booster System *(22 11 23 13)*

| | | | | |
|---|---|---|---|---|
| 22 11 23 13-0002 | EA | 1 HP Simplex Booster Pump With Tank | 11,811.19 | 342.16 |
| 22 11 23 13-0003 | EA | 1.5 HP Simplex Booster Pump With Tank | 12,272.51 | 459.78 |
| 22 11 23 13-0004 | EA | 2 HP Simplex Booster Pump With Tank | 12,817.45 | 577.39 |
| 22 11 23 13-0005 | EA | 3 HP Simplex Booster Pump With Tank | 13,320.57 | 695.01 |
| 22 11 23 13-0006 | EA | 5 HP Simplex Booster Pump With Tank | 14,743.64 | 812.63 |
| 22 11 23 13-0007 | EA | 7.5 HP Simplex Booster Pump With Tank | 16,375.81 | 930.25 |
| 22 11 23 13-0008 | EA | 10 HP Simplex Booster Pump With Tank | 17,506.17 | 1,047.87 |

22 11 23 13-0009 Duplex Domestic Booster System *(22 11 23 13)*

| | | | | |
|---|---|---|---|---|
| 22 11 23 13-0010 | EA | 100 GPM Duplex Domestic Booster Pump With Hydrocumulator | 31,863.18 | 1,421.08 |
| 22 11 23 13-0011 | EA | 200 GPM Duplex Domestic Booster Pump With Hydrocumulator | 38,376.43 | 1,509.90 |
| 22 11 23 13-0012 | EA | 300 GPM Duplex Domestic Booster Pump With Hydrocumulator | 44,916.36 | 1,598.72 |

22 11 23 13-0013 Triplex Domestic Booster System *(22 11 23 13)*

| | | | | |
|---|---|---|---|---|
| 22 11 23 13-0014 | EA | 200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 41,941.25 | 1,509.90 |
| 22 11 23 13-0015 | EA | 300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 52,216.91 | 1,598.72 |
| 22 11 23 13-0016 | EA | 500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 64,900.54 | 1,776.35 |
| 22 11 23 13-0017 | EA | 750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 82,218.95 | 1,953.98 |
| 22 11 23 13-0018 | EA | 1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 99,537.36 | 2,131.62 |
| 22 11 23 13-0019 | EA | 1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 115,958.19 | 2,398.07 |
| 22 11 23 13-0020 | EA | 2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 132,379.01 | 2,664.53 |
| 22 11 23 13-0021 | EA | 3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 148,799.84 | 2,930.98 |
| 22 11 23 13-0022 | EA | 5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator | 165,442.72 | 3,286.25 |

22 11 23 13-0023 Variable Speed Duplex Domestic Water Pressure Booster Skid *(22 11 23 13)*

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

| | | | | |
|---|---|---|---|---|
| 22 11 23 13-0024 | EA | 40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1) | 36,718.94 | 1,493.05 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 23 13-0025 | EA | 40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2) | 38,412.29 | 1,493.05 |
| 22 11 23 13-0026 | EA | 80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3) | 40,831.89 | 1,493.05 |
| 22 11 23 13-0027 | EA | 80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4) | 44,319.72 | 1,493.05 |
| 22 11 23 13-0028 | EA | 160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5) | 41,806.15 | 1,586.37 |
| 22 11 23 13-0029 | EA | 160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6) | 44,850.87 | 1,586.37 |
| 22 11 23 13-0030 | EA | 160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7) | 48,985.88 | 1,586.37 |
| 22 11 23 13-0031 | EA | 160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8) | 52,346.84 | 1,586.37 |
| 22 11 23 13-0032 | EA | 240 To 280 GPM At 40 To 50 PSI , NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9) | 45,689.06 | 1,679.68 |
| 22 11 23 13-0033 | EA | 280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10) | 48,695.17 | 1,679.68 |
| 22 11 23 13-0034 | EA | 240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11) | 55,417.09 | 1,679.68 |
| 22 11 23 13-0035 | EA | 240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12) | 66,698.74 | 1,679.68 |
| 22 11 23 13-0036 | EA | 360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13) | 48,272.29 | 1,679.68 |
| 22 11 23 13-0037 | EA | 360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14) | 54,404.02 | 1,679.68 |
| 22 11 23 13-0038 | EA | 360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15) | 67,901.18 | 1,679.68 |
| 22 11 23 13-0039 | EA | 360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16) | 67,511.40 | 1,679.68 |
| 22 11 23 13-0040 | EA | 440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17) | 80,542.97 | 1,866.32 |
| 22 11 23 13-0041 | EA | 440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18) | 55,262.22 | 1,866.32 |
| 22 11 23 13-0042 | EA | 440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19) | 67,553.26 | 1,866.32 |
| 22 11 23 13-0043 | EA | 440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20) | 67,165.32 | 1,866.32 |
| 22 11 23 13-0044 | EA | 440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21) | 81,146.03 | 1,866.32 |
| 22 11 23 13-0045 | EA | 440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22) | 98,246.85 | 1,866.32 |
| 22 11 23 13-0046 | EA | 60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1) | 46,485.59 | 1,493.05 |

## 22 11 23 13-0047 Variable Speed Triplex Domestic Water Pressure Booster Skid *(22 11 23 13)*

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

| | | | | |
|---|---|---|---|---|
| 22 11 23 13-0048 | EA | 60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2) | 46,485.59 | 1,493.05 |
| 22 11 23 13-0049 | EA | 120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3) | 52,034.48 | 1,493.05 |
| 22 11 23 13-0050 | EA | 60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4) | 56,822.20 | 1,493.05 |
| 22 11 23 13-0051 | EA | 180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5) | 52,267.78 | 1,586.37 |
| 22 11 23 13-0052 | EA | 180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6) | 57,022.40 | 1,586.37 |
| 22 11 23 13-0053 | EA | 240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7) | 53,378.30 | 1,586.37 |
| 22 11 23 13-0054 | EA | 240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8) | 57,465.50 | 1,586.37 |
| 22 11 23 13-0055 | EA | 240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9) | 63,086.10 | 1,586.37 |
| 22 11 23 13-0056 | EA | 240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10) | 67,745.12 | 1,586.37 |
| 22 11 23 13-0057 | EA | 300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11) | 53,880.02 | 1,679.68 |
| 22 11 23 13-0058 | EA | 300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12) | 57,967.23 | 1,679.68 |
| 22 11 23 13-0059 | EA | 300 GPM At80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13) | 63,585.99 | 1,679.68 |
| 22 11 23 13-0060 | EA | 300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14) | 68,245.00 | 1,679.68 |
| 22 11 23 13-0061 | EA | 360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15) | 58,476.52 | 1,679.68 |
| 22 11 23 13-0062 | EA | 360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16) | 62,401.93 | 1,679.68 |
| 22 11 23 13-0063 | EA | 360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17) | 72,100.55 | 1,679.68 |
| 22 11 23 13-0064 | EA | 360 GPM At140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18) | 87,927.22 | 1,679.68 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 11 23 13-0065 | EA | 480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19) | 59,744.73 | 1,866.32 |
| 22 11 23 13-0066 | EA | 480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20) | 63,671.98 | 1,866.32 |
| 22 11 23 13-0067 | EA | 480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21) | 73,370.59 | 1,866.32 |
| 22 11 23 13-0068 | EA | 480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22) | 89,195.43 | 1,866.32 |
| 22 11 23 13-0069 | EA | 540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23) | 63,035.82 | 1,866.32 |
| 22 11 23 13-0070 | EA | 540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24) | 71,850.07 | 1,866.32 |
| 22 11 23 13-0071 | EA | 540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25) | 90,997.25 | 1,866.32 |
| 22 11 23 13-0072 | EA | 540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26) | 92,852.40 | 1,866.32 |
| 22 11 23 13-0073 | EA | 540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27) | 115,079.24 | 1,866.32 |
| 22 11 23 13-0074 | EA | 660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28) | 71,424.50 | 2,239.57 |
| 22 11 23 13-0075 | EA | 660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29) | 85,951.28 | 2,239.57 |
| 22 11 23 13-0076 | EA | 660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30) | 91,459.72 | 2,239.57 |
| 22 11 23 13-0077 | EA | 660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31) | 110,355.01 | 2,239.57 |
| 22 11 23 13-0078 | EA | 660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32) | 136,795.92 | 2,239.57 |

### 22 11 23 23 Domestic-Water In-Line Pumps *(22 11 23)*

#### 22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

| | | | | |
|---|---|---|---|---|
| 22 11 23 23-0002 | EA | 1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B) | 1,147.13 | 192.46 |
| 22 11 23 23-0003 | EA | 1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B) | 1,179.17 | 192.46 |
| 22 11 23 23-0004 | EA | 1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B) | 1,235.54 | 196.21 |
| 22 11 23 23-0005 | EA | 1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B) | 1,365.05 | 204.23 |
| 22 11 23 23-0006 | EA | 1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B) | 2,490.90 | 211.83 |
| 22 11 23 23-0007 | EA | 1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB) | 2,661.15 | 211.83 |
| 22 11 23 23-0008 | EA | 1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB) | 4,001.12 | 233.23 |
| 22 11 23 23-0009 | EA | 1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB) | 4,168.66 | 256.23 |
| 22 11 23 23-0010 | EA | 1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB) | 5,055.09 | 281.90 |
| 22 11 23 23-0011 | EA | 1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S) | 5,160.36 | 310.25 |
| 22 11 23 23-0012 | EA | 3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S) | 5,642.93 | 340.74 |
| 22 11 23 23-0013 | EA | 1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S) | 8,119.13 | 374.98 |
| 22 11 23 23-0014 | EA | 1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S) | 9,363.91 | 393.16 |

#### 22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

| | | | | |
|---|---|---|---|---|
| 22 11 23 23-0016 | EA | 1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30) | 1,197.04 | 192.46 |
| 22 11 23 23-0017 | EA | 1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36) | 2,039.68 | 192.46 |
| 22 11 23 23-0018 | EA | 1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45) | 2,047.41 | 196.21 |
| 22 11 23 23-0019 | EA | 1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45) | 2,082.58 | 200.48 |
| 22 11 23 23-0020 | EA | 1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50) | 2,090.05 | 204.23 |
| 22 11 23 23-0021 | EA | 1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75) | 2,128.40 | 211.83 |
| 22 11 23 23-0022 | EA | 1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2) | 2,609.03 | 233.23 |
| 22 11 23 23-0023 | EA | 1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30) | 3,371.62 | 281.90 |
| 22 11 23 23-0024 | EA | 1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S) | 3,548.36 | 310.25 |
| 22 11 23 23-0025 | EA | 3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S) | 4,148.06 | 340.74 |
| 22 11 23 23-0026 | EA | 1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S) | 5,622.68 | 374.98 |
| 22 11 23 23-0027 | EA | 1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S) | 6,586.67 | 393.16 |
| 22 11 23 23-0028 | EA | 2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF) | 5,895.87 | 412.96 |
| 22 11 23 23-0029 | EA | 3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF) | 6,334.96 | 453.93 |
| 22 11 23 23-0030 | EA | 5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF) | 6,959.77 | 481.42 |
| 22 11 23 23-0031 | EA | 7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF) | 8,845.66 | 534.91 |
| 22 11 23 23-0032 | EA | 10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF) | 9,360.95 | 642.01 |
| 22 11 23 23-0033 | EA | 15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF) | 11,961.10 | 749.20 |

## 22 12 Facility Potable-Water Storage Tanks *(22 10)*

### 22 12 23 Facility Indoor Potable-Water Storage Tanks *(22 12)*

### 22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks *(22 12 23)*

#### 22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*

| | | | | |
|---|---|---|---|---|
| 22 12 23 13-0002 | EA | 80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A) | 2,611.10 | 427.70 |
| 22 12 23 13-0003 | EA | 119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M) | 3,234.19 | 534.62 |
| 22 12 23 13-0004 | EA | 140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A) | 6,019.26 | 588.09 |
| 22 12 23 13-0005 | EA | 200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A) | 6,657.74 | 641.55 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 12 23 13-0006 | EA | 250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A) | 13,297.54 | 695.01 |
| 22 12 23 13-0007 | EA | 350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A) | 11,439.33 | 748.47 |
| 22 12 23 13-0008 | EA | 400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A) | 19,697.15 | 801.94 |
| 22 12 23 13-0009 | EA | 500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A) | 18,137.01 | 855.40 |
| 22 12 23 13-0010 | EA | 750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A) | 19,705.70 | 908.86 |
| 22 12 23 13-0011 | EA | 1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A) | 23,494.20 | 962.32 |

### 22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*

| | | | | |
|---|---|---|---|---|
| 22 12 23 13-0013 | EA | 80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S) | 2,226.76 | 427.70 |
| 22 12 23 13-0014 | EA | 120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S) | 4,316.70 | 534.62 |
| 22 12 23 13-0015 | EA | 140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A) | 5,408.01 | 588.09 |
| 22 12 23 13-0016 | EA | 200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S) | 6,695.57 | 641.55 |
| 22 12 23 13-0017 | EA | 200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A) | 5,674.34 | 641.55 |
| 22 12 23 13-0018 | EA | 250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A) | 8,812.86 | 695.01 |
| 22 12 23 13-0019 | EA | 325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A) | 9,538.37 | 748.47 |
| 22 12 23 13-0020 | EA | 350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S) | 9,074.44 | 748.47 |
| 22 12 23 13-0021 | EA | 350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A) | 8,271.91 | 748.47 |
| 22 12 23 13-0022 | EA | 400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A) | 11,346.37 | 801.94 |
| 22 12 23 13-0023 | EA | 500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A) | 12,310.52 | 855.40 |
| 22 12 23 13-0024 | EA | 750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A) | 14,303.01 | 908.86 |
| 22 12 23 13-0025 | EA | 1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A) | 26,930.52 | 962.32 |

## 22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks *(22 12 23)*

### 22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

Note: Excludes excavation and backfill.

| | | | | |
|---|---|---|---|---|
| 22 12 23 26-0002 | EA | 100 Gallon Horizontal Non-Pressurized Polyethylene Tank | 672.72 | 240.59 |
| | | *For Saddle Assembly, Add* | *748.16* | |
| 22 12 23 26-0003 | EA | 150 Gallon Horizontal Non-Pressurized Polyethylene Tank | 787.94 | 280.68 |
| | | *For Saddle Assembly, Add* | *748.16* | |
| 22 12 23 26-0004 | EA | 200 Gallon Horizontal Non-Pressurized Polyethylene Tank | 934.03 | 320.77 |
| | | *For Saddle Assembly, Add* | *853.13* | |
| 22 12 23 26-0005 | EA | 300 Gallon Horizontal Non-Pressurized Polyethylene Tank | 1,135.69 | 360.87 |
| | | *For Saddle Assembly, Add* | *1,262.74* | |
| 22 12 23 26-0006 | EA | 335 Gallon Horizontal Non-Pressurized Polyethylene Tank | 1,359.99 | 400.97 |
| | | *For Two Tie Down Bands, Add* | *431.51* | |
| 22 12 23 26-0007 | EA | 535 Gallon Horizontal Non-Pressurized Polyethylene Tank | 1,717.08 | 514.55 |
| | | *For Two Tie Down Bands, Add* | *460.33* | |
| 22 12 23 26-0008 | EA | 1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank | 2,566.81 | 600.31 |
| | | *For Three Tie Down Bands, Add* | *783.11* | |
| 22 12 23 26-0009 | EA | 1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank | 3,703.76 | 686.07 |
| | | *For Three Tie Down Bands, Add* | *789.29* | |
| 22 12 23 26-0010 | EA | 1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank | 4,622.93 | 771.83 |
| | | *For Four Tie Down Bands, Add* | *1,068.85* | |
| 22 12 23 26-0011 | EA | 2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank | 5,415.39 | 857.59 |
| | | *For Four Tie Down Bands, Add* | *1,488.75* | |
| 22 12 23 26-0012 | EA | 2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank | 7,741.50 | 943.36 |
| | | *For Four Tie Down Bands, Add* | *1,949.81* | |
| 22 12 23 26-0013 | EA | 3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank | 8,967.33 | 1,029.12 |
| | | *For Four Tie Down Bands, Add* | *2,106.25* | |
| 22 12 23 26-0014 | EA | 4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank | 12,880.82 | 1,372.15 |
| | | *For Four Tie Down Bands, Add* | *2,377.94* | |
| 22 12 23 26-0015 | EA | 5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank | 16,663.82 | 1,372.15 |
| | | *For Five Tie Down Bands, Add* | *3,723.71* | |

### 22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

| | | | | |
|---|---|---|---|---|
| 22 12 23 26-0017 | EA | 100 Gallon Vertical Non-Pressurized Polyethylene Tank | 738.49 | 320.77 |
| 22 12 23 26-0018 | EA | 160 Gallon Vertical Non-Pressurized Polyethylene Tank | 886.67 | 340.83 |
| 22 12 23 26-0019 | EA | 210 Gallon Vertical Non-Pressurized Polyethylene Tank | 973.08 | 360.87 |
| 22 12 23 26-0020 | EA | 300 Gallon Vertical Non-Pressurized Polyethylene Tank | 1,176.80 | 400.97 |
| 22 12 23 26-0021 | EA | 405 Gallon Vertical Non-Pressurized Polyethylene Tank | 1,343.42 | 481.16 |
| 22 12 23 26-0022 | EA | 500 Gallon Vertical Non-Pressurized Polyethylene Tank | 1,586.19 | 561.36 |
| 22 12 23 26-0023 | EA | 800 Gallon Vertical Non-Pressurized Polyethylene Tank | 2,157.96 | 686.07 |
| 22 12 23 26-0024 | EA | 1,000 Gallon Vertical Non-Pressurized Polyethylene Tank | 2,794.21 | 857.59 |
| 22 12 23 26-0025 | EA | 2,000 Gallon Vertical Non-Pressurized Polyethylene Tank | 3,755.66 | 1,029.12 |
| 22 12 23 26-0026 | EA | 3,000 Gallon Vertical Non-Pressurized Polyethylene Tank | 4,910.60 | 1,200.64 |
| 22 12 23 26-0027 | EA | 4,000 Gallon Vertical Non-Pressurized Polyethylene Tank | 7,224.37 | 1,372.15 |
| 22 12 23 26-0028 | EA | 5,000 Gallon Vertical Non-Pressurized Polyethylene Tank | 9,781.03 | 1,543.67 |
| 22 12 23 26-0029 | EA | 6,250 Gallon Vertical Non-Pressurized Polyethylene Tank | 11,088.28 | 1,715.19 |
| 22 12 23 26-0030 | EA | 7,000 Gallon Vertical Non-Pressurized Polyethylene Tank | 12,218.51 | 1,886.71 |
| 22 12 23 26-0031 | EA | 8,000 Gallon Vertical Non-Pressurized Polyethylene Tank | 14,077.39 | 2,058.23 |
| 22 12 23 26-0032 | EA | 9,150 Gallon Vertical Non-Pressurized Polyethylene Tank | 15,901.29 | 2,229.74 |
| 22 12 23 26-0033 | EA | 10,500 Gallon Vertical Non-Pressurized Polyethylene Tank | 19,680.58 | 2,401.26 |
| 22 12 23 26-0034 | EA | 12,500 Gallon Vertical Non-Pressurized Polyethylene Tank | 23,678.27 | 2,744.30 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 22 13 Facility Sanitary Sewerage *(22 10)*

### 22 13 13 Facility Sanitary Sewers *(22 13)*

#### 22 13 13 00-0001 Fixture Rough-In *(22 13 13)*

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0368 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.

#### 22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

| | | | |
|---|---|---|---|
| 22 13 13 00-0003 | EA | Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve. | 1,188.04 |
| 22 13 13 00-0004 | EA | Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 1,642.49 |
| 22 13 13 00-0005 | EA | Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture. | 1,069.49 |
| 22 13 13 00-0006 | EA | Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 705.89 |
| 22 13 13 00-0007 | EA | Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 833.10 |
| 22 13 13 00-0008 | EA | Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 1,045.54 |
| 22 13 13 00-0009 | EA | Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 1,126.74 |
| 22 13 13 00-0010 | EA | Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture. | 678.41 |
| 22 13 13 00-0011 | EA | Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 1,069.49 |
| 22 13 13 00-0012 | EA | Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 1,090.85 |
| 22 13 13 00-0013 | EA | Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet. | 1,037.37 |
| 22 13 13 00-0014 | EA | Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 1,188.04 |
| 22 13 13 00-0015 | EA | Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture. | 1,868.25 |
| 22 13 13 00-0016 | EA | Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet. | 1,153.50 |

#### 22 13 13 00-0017 Double Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

| | | | |
|---|---|---|---|
| 22 13 13 00-0018 | EA | Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve. | 1,570.16 |
| 22 13 13 00-0019 | EA | Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 2,201.06 |
| 22 13 13 00-0020 | EA | Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture. | 1,353.62 |
| 22 13 13 00-0021 | EA | Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 858.39 |
| 22 13 13 00-0022 | EA | Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 1,128.56 |
| 22 13 13 00-0023 | EA | Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 1,199.85 |
| 22 13 13 00-0024 | EA | Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture. | 806.14 |
| 22 13 13 00-0025 | EA | Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 1,364.29 |
| 22 13 13 00-0026 | EA | Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 1,157.29 |
| 22 13 13 00-0027 | EA | Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets. | 1,130.60 |
| 22 13 13 00-0028 | EA | Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets. | 1,570.16 |

#### 22 13 13 00-0029 Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

| | | | |
|---|---|---|---|
| 22 13 13 00-0030 | EA | Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve. | 784.58 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 13 00-0031 | EA | Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve. | 1,100.53 | |
| 22 13 13 00-0032 | EA | Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture. | 677.33 | |
| 22 13 13 00-0033 | EA | Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve. | 429.73 | |
| 22 13 13 00-0034 | EA | Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 564.30 | |
| 22 13 13 00-0035 | EA | Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 599.91 | |
| 22 13 13 00-0036 | EA | Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture. | 429.79 | |
| 22 13 13 00-0037 | EA | Floor Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 681.62 | |
| 22 13 13 00-0038 | EA | Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 578.65 | |
| 22 13 13 00-0039 | EA | Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets. | 565.81 | |
| 22 13 13 00-0040 | EA | Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe<br>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 777.07 | |
| 22 13 13 00-0041 | | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*<br>Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings. | | |
| 22 13 13 00-0042 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve. | 579.79 | |
| 22 13 13 00-0043 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 628.55 | |
| 22 13 13 00-0044 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture. | 552.48 | |
| 22 13 13 00-0045 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 330.98 | |
| 22 13 13 00-0046 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 387.75 | |
| 22 13 13 00-0047 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 529.72 | |
| 22 13 13 00-0048 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 534.54 | |
| 22 13 13 00-0049 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture. | 328.16 | |
| 22 13 13 00-0050 | EA | Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 552.48 | |
| 22 13 13 00-0051 | EA | Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 588.49 | |
| 22 13 13 00-0052 | EA | Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet. | 541.60 | |
| 22 13 13 00-0053 | EA | Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 579.66 | |
| 22 13 13 00-0054 | EA | Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture. | 894.20 | |
| 22 13 13 00-0055 | EA | Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet. | 557.93 | |
| 22 13 13 00-0056 | | Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*<br>Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings. | | |
| 22 13 13 00-0057 | EA | Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve. | 701.75 | |
| 22 13 13 00-0058 | EA | Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 821.77 | |
| 22 13 13 00-0059 | EA | Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures. | 610.56 | |
| 22 13 13 00-0060 | EA | Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 365.94 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 13 00-0061 | EA | Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets. | 541.75 | |
| 22 13 13 00-0062 | EA | Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets. | 565.10 | |
| 22 13 13 00-0063 | EA | Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures. | 357.44 | |
| 22 13 13 00-0064 | EA | Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 620.07 | |
| 22 13 13 00-0065 | EA | Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 603.72 | |
| 22 13 13 00-0066 | EA | Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet. | 579.85 | |
| 22 13 13 00-0067 | EA | Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 701.75 | |
| 22 13 13 00-0068 | | Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*<br>Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings. | | |
| 22 13 13 00-0069 | EA | Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve. | 350.44 | |
| 22 13 13 00-0070 | EA | Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 410.36 | |
| 22 13 13 00-0071 | EA | Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture. | 305.59 | |
| 22 13 13 00-0072 | EA | Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve. | 183.02 | |
| 22 13 13 00-0073 | EA | Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 270.84 | |
| 22 13 13 00-0074 | EA | Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 282.28 | |
| 22 13 13 00-0075 | EA | Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture. | 178.70 | |
| 22 13 13 00-0076 | EA | Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 309.93 | |
| 22 13 13 00-0077 | EA | Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet. | 301.89 | |
| 22 13 13 00-0078 | EA | Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet. | 290.39 | |
| 22 13 13 00-0079 | EA | Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe<br>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet. | 343.36 | |
| **22 13 16** | | **Sanitary Waste and Vent Piping** *(22 13)* | | |
| 22 13 16 00-0001 | | Cast Iron Soil Pipe Assemblies *(22 13 16)* | | |
| 22 13 16 00-0002 | | Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*<br>Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available. | | |
| 22 13 16 00-0003 | LF | 2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. | 38.57 | 6.74 |
| 22 13 16 00-0004 | LF | 3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. | 55.43 | 10.15 |
| 22 13 16 00-0005 | LF | 4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. | 72.00 | 12.93 |
| 22 13 16 00-0006 | LF | 5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. | 83.89 | 15.00 |
| 22 13 16 00-0007 | LF | 6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. | 99.14 | 16.34 |
| 22 13 16 00-0008 | LF | 8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. | 159.64 | 23.45 |
| 22 13 16 00-0009 | LF | 10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. | 239.37 | 23.45 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0010 | | **Aboveground No Hub Cast Iron Soil Pipe Assemblies** *(22 13 16 00-0001)*<br>Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| 22 13 16 00-0011 | LF | 1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 31.55 | 6.42 |
| 22 13 16 00-0012 | LF | 2" Aboveground No Hub Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 33.43 | 6.84 |
| 22 13 16 00-0013 | LF | 3" Aboveground No Hub Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 42.69 | 9.94 |
| 22 13 16 00-0014 | LF | 4" Aboveground No Hub Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 51.24 | 12.93 |
| 22 13 16 00-0015 | LF | 5" Aboveground No Hub Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 66.37 | 14.71 |
| 22 13 16 00-0016 | LF | 6" Aboveground No Hub Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 75.28 | 16.05 |
| 22 13 16 00-0017 | LF | 8" Aboveground No Hub Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 119.50 | 23.25 |
| 22 13 16 00-0018 | LF | 10" Aboveground No Hub Cast Iron Soil Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available. | 169.68 | 26.42 |
| 22 13 16 00-0019 | | **Bell And Spigot Cast Iron Soil Pipe And Fittings** *(22 13 16)*<br>Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements). | | |
| 22 13 16 00-0020 | | **Bell And Spigot Cast Iron Pipe** *(22 13 16 00-0019)*<br>Note: Excludes excavation, hangers, gaskets, and fittings. | | |
| 22 13 16 00-0021 | LF | 2" Bell And Spigot Cast Iron Pipe | 27.87 | 6.74 |
| 22 13 16 00-0022 | LF | 3" Bell And Spigot Cast Iron Pipe | 40.63 | 10.15 |
| 22 13 16 00-0023 | LF | 4" Bell And Spigot Cast Iron Pipe | 52.42 | 12.93 |
| 22 13 16 00-0024 | LF | 5" Bell And Spigot Cast Iron Pipe | 68.98 | 15.00 |
| 22 13 16 00-0025 | LF | 6" Bell And Spigot Cast Iron Pipe | 81.15 | 16.34 |
| 22 13 16 00-0026 | LF | 8" Bell And Spigot Cast Iron Pipe | 123.33 | 23.45 |
| 22 13 16 00-0027 | LF | 10" Bell And Spigot Cast Iron Pipe | 186.34 | 26.42 |
| 22 13 16 00-0028 | LF | 12" Bell And Spigot Cast Iron Pipe | 265.96 | 35.22 |
| 22 13 16 00-0029 | LF | 15" Bell And Spigot Cast Iron Pipe | 374.92 | 42.25 |
| 22 13 16 00-0030 | | **Bell And Spigot Cast Iron Fittings** *(22 13 16 00-0019)* | | |
| 22 13 16 00-0031 | | **Bell And Spigot Cast Iron Long Sweeps** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0032 | EA | 2" Bell And Spigot Cast Iron Long Sweep | 117.03 | 30.68 |
| 22 13 16 00-0033 | EA | 3" Bell And Spigot Cast Iron Long Sweep | 201.93 | 38.60 |
| 22 13 16 00-0034 | EA | 4" Bell And Spigot Cast Iron Long Sweep | 269.03 | 51.32 |
| 22 13 16 00-0035 | EA | 6" Bell And Spigot Cast Iron Long Sweep | 418.55 | 63.45 |
| 22 13 16 00-0036 | EA | 8" Bell And Spigot Cast Iron Long Sweep | 845.10 | 82.53 |
| 22 13 16 00-0037 | EA | 10" Bell And Spigot Cast Iron Long Sweep | 1,159.83 | 101.52 |
| 22 13 16 00-0038 | EA | 12" Bell And Spigot Cast Iron Long Sweep | 1,783.41 | 141.70 |
| 22 13 16 00-0039 | EA | 15" Bell And Spigot Cast Iron Long Sweep | 3,334.19 | 197.31 |
| 22 13 16 00-0040 | | **Bell And Spigot Cast Iron Short Sweeps** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0041 | EA | 2" Bell And Spigot Cast Iron Short Sweep | 98.27 | 30.68 |
| 22 13 16 00-0042 | EA | 3" Bell And Spigot Cast Iron Short Sweep | 170.46 | 38.60 |
| 22 13 16 00-0043 | EA | 4" Bell And Spigot Cast Iron Short Sweep | 233.64 | 51.32 |
| 22 13 16 00-0044 | EA | 5" Bell And Spigot Cast Iron Short Sweep | 351.81 | 53.93 |
| 22 13 16 00-0045 | EA | 6" Bell And Spigot Cast Iron Short Sweep | 425.29 | 63.45 |
| 22 13 16 00-0046 | EA | 8" Bell And Spigot Cast Iron Short Sweep | 709.45 | 82.53 |
| 22 13 16 00-0047 | EA | 10" Bell And Spigot Cast Iron Short Sweep | 1,044.10 | 101.52 |
| 22 13 16 00-0048 | EA | 12" Bell And Spigot Cast Iron Short Sweep | 1,740.24 | 141.70 |
| 22 13 16 00-0049 | | **Bell And Spigot Cast Iron 1/4 Bends** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0050 | EA | 2" Bell And Spigot Cast Iron 1/4 Bend | 87.65 | 30.58 |
| 22 13 16 00-0051 | EA | 3" Bell And Spigot Cast Iron 1/4 Bend | 135.09 | 34.43 |
| 22 13 16 00-0052 | EA | 4" Bell And Spigot Cast Iron 1/4 Bend | 193.99 | 45.87 |
| 22 13 16 00-0053 | EA | 5" Bell And Spigot Cast Iron 1/4 Bend | 240.37 | 48.16 |
| 22 13 16 00-0054 | EA | 6" Bell And Spigot Cast Iron 1/4 Bend | 289.19 | 57.68 |
| 22 13 16 00-0055 | EA | 8" Bell And Spigot Cast Iron 1/4 Bend | 616.74 | 75.99 |
| 22 13 16 00-0056 | EA | 10" Bell And Spigot Cast Iron 1/4 Bend | 916.24 | 92.22 |
| 22 13 16 00-0057 | EA | 12" Bell And Spigot Cast Iron 1/4 Bend | 1,212.26 | 108.85 |
| 22 13 16 00-0058 | EA | 15" Bell And Spigot Cast Iron 1/4 Bend | 3,133.73 | 171.69 |
| 22 13 16 00-0059 | | **Bell And Spigot Cast Iron 1/8 Bends** *(22 13 16 00-0030)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0060 | EA | 2" Bell And Spigot Cast Iron 1/8 Bend | 79.32 | 30.68 |
| 22 13 16 00-0061 | EA | 3" Bell And Spigot Cast Iron 1/8 Bend | 126.59 | 38.60 |
| 22 13 16 00-0062 | EA | 4" Bell And Spigot Cast Iron 1/8 Bend | 181.29 | 51.32 |
| 22 13 16 00-0063 | EA | 5" Bell And Spigot Cast Iron 1/8 Bend | 221.93 | 60.28 |
| 22 13 16 00-0064 | EA | 6" Bell And Spigot Cast Iron 1/8 Bend | 257.52 | 67.20 |
| 22 13 16 00-0065 | EA | 8" Bell And Spigot Cast Iron 1/8 Bend | 528.60 | 91.03 |
| 22 13 16 00-0066 | EA | 10" Bell And Spigot Cast Iron 1/8 Bend | 744.36 | 112.31 |
| 22 13 16 00-0067 | EA | 12" Bell And Spigot Cast Iron 1/8 Bend | 1,214.88 | 145.65 |
| 22 13 16 00-0068 | EA | 15" Bell And Spigot Cast Iron 1/8 Bend | 2,364.35 | 171.69 |
| 22 13 16 00-0069 | | Bell And Spigot Cast Iron Wyes *(22 13 16 00-0030)* | | |
| 22 13 16 00-0070 | EA | 2" Bell And Spigot Cast Iron Wye | 134.88 | 68.54 |
| 22 13 16 00-0071 | EA | 3" Bell And Spigot Cast Iron Wye | 172.62 | 75.06 |
| 22 13 16 00-0072 | EA | 4" Bell And Spigot Cast Iron Wye | 227.39 | 98.37 |
| 22 13 16 00-0073 | EA | 5" Bell And Spigot Cast Iron Wye | 288.76 | 103.74 |
| 22 13 16 00-0074 | EA | 6" Bell And Spigot Cast Iron Wye | 364.84 | 122.96 |
| 22 13 16 00-0075 | EA | 8" Bell And Spigot Cast Iron Wye | 691.80 | 166.24 |
| 22 13 16 00-0076 | EA | 10" Bell And Spigot Cast Iron Wye | 985.14 | 188.60 |
| 22 13 16 00-0077 | EA | 12" Bell And Spigot Cast Iron Wye | 1,474.21 | 229.57 |
| 22 13 16 00-0078 | EA | 15" Bell And Spigot Cast Iron Wye | 2,321.14 | 257.58 |
| 22 13 16 00-0079 | | Bell And Spigot Cast Iron Reducing Wyes *(22 13 16 00-0030)* | | |
| 22 13 16 00-0080 | EA | 3" x 2" Bell And Spigot Cast Iron Reducing Wye | 222.78 | 71.64 |
| 22 13 16 00-0081 | EA | 4" x 2" Bell And Spigot Cast Iron Reducing Wye | 270.79 | 88.54 |
| 22 13 16 00-0082 | EA | 4" x 3" Bell And Spigot Cast Iron Reducing Wye | 304.17 | 90.78 |
| 22 13 16 00-0083 | EA | 6" x 2" Bell And Spigot Cast Iron Reducing Wye | 445.11 | 110.17 |
| 22 13 16 00-0084 | EA | 6" x 3" Bell And Spigot Cast Iron Reducing Wye | 456.91 | 112.19 |
| 22 13 16 00-0085 | EA | 6" x 4" Bell And Spigot Cast Iron Reducing Wye | 477.47 | 119.70 |
| 22 13 16 00-0086 | EA | 8" x 2" Bell And Spigot Cast Iron Reducing Wye | 719.77 | 133.68 |
| 22 13 16 00-0087 | EA | 8" x 3" Bell And Spigot Cast Iron Reducing Wye | 753.59 | 136.26 |
| 22 13 16 00-0088 | EA | 8" x 4" Bell And Spigot Cast Iron Reducing Wye | 770.63 | 142.69 |
| 22 13 16 00-0089 | EA | 8" x 6" Bell And Spigot Cast Iron Reducing Wye | 914.03 | 158.72 |
| 22 13 16 00-0090 | EA | 10" x 3" Bell And Spigot Cast Iron Reducing Wye | 1,143.68 | 148.73 |
| 22 13 16 00-0091 | EA | 10" x 4" Bell And Spigot Cast Iron Reducing Wye | 1,189.52 | 155.26 |
| 22 13 16 00-0092 | EA | 10" x 6" Bell And Spigot Cast Iron Reducing Wye | 1,300.72 | 171.69 |
| 22 13 16 00-0093 | EA | 10" x 8" Bell And Spigot Cast Iron Reducing Wye | 1,735.67 | 182.08 |
| 22 13 16 00-0094 | EA | 12" x 4" Bell And Spigot Cast Iron Reducing Wye | 1,788.34 | 182.08 |
| 22 13 16 00-0095 | EA | 12" x 6" Bell And Spigot Cast Iron Reducing Wye | 1,858.54 | 197.31 |
| 22 13 16 00-0096 | EA | 12" x 8" Bell And Spigot Cast Iron Reducing Wye | 2,191.16 | 207.11 |
| 22 13 16 00-0097 | EA | 12" x 10" Bell And Spigot Cast Iron Reducing Wye | 2,677.12 | 213.25 |
| 22 13 16 00-0098 | EA | 15" x 4" Bell And Spigot Cast Iron Reducing Wye | 4,480.24 | 201.07 |
| | | *For Extra Heavy Fittings, Add* | *1,462.57* | |
| | | *For Above Ground Cast Iron Pipe Installation, Add* | *15.07* | |
| | | *For Work In Restricted Working Space, Add* | *90.44* | |
| 22 13 16 00-0099 | EA | 15" x 6" Bell And Spigot Cast Iron Reducing Wye | 4,673.09 | 217.59 |
| | | *For Extra Heavy Fittings, Add* | *1,521.37* | |
| | | *For Above Ground Cast Iron Pipe Installation, Add* | *16.32* | |
| | | *For Work In Restricted Working Space, Add* | *97.89* | |
| 22 13 16 00-0100 | EA | 15" x 8" Bell And Spigot Cast Iron Reducing Wye | 4,767.13 | 226.99 |
| | | *For Extra Heavy Fittings, Add* | *1,549.38* | |
| | | *For Above Ground Cast Iron Pipe Installation, Add* | *17.02* | |
| | | *For Work In Restricted Working Space, Add* | *102.10* | |
| 22 13 16 00-0101 | EA | 15" x 10" Bell And Spigot Cast Iron Reducing Wye | 4,877.29 | 234.72 |
| | | *For Extra Heavy Fittings, Add* | *1,583.91* | |
| | | *For Above Ground Cast Iron Pipe Installation, Add* | *17.59* | |
| | | *For Work In Restricted Working Space, Add* | *105.55* | |
| 22 13 16 00-0102 | EA | 15" x 12" Bell And Spigot Cast Iron Reducing Wye | 4,997.82 | 248.37 |
| | | *For Extra Heavy Fittings, Add* | *1,618.91* | |
| | | *For Above Ground Cast Iron Pipe Installation, Add* | *18.62* | |
| | | *For Work In Restricted Working Space, Add* | *111.71* | |
| 22 13 16 00-0103 | | Bell And Spigot Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0030)* | | |
| 22 13 16 00-0104 | EA | 2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend | 148.61 | 68.54 |
| 22 13 16 00-0105 | EA | 3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend | 181.08 | 75.06 |
| 22 13 16 00-0106 | EA | 4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend | 242.12 | 98.37 |
| 22 13 16 00-0107 | EA | 5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend | 334.65 | 108.83 |
| 22 13 16 00-0108 | EA | 6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend | 419.55 | 134.98 |
| 22 13 16 00-0109 | EA | 8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend | 797.10 | 179.01 |
| 22 13 16 00-0110 | EA | 10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend | 1,158.52 | 234.72 |
| 22 13 16 00-0111 | EA | 12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend | 1,557.82 | 301.71 |
| 22 13 16 00-0112 | | Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0030)* | | |
| 22 13 16 00-0113 | EA | 3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 158.84 | 71.64 |
| 22 13 16 00-0114 | EA | 4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 227.20 | 88.54 |
| 22 13 16 00-0115 | EA | 4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 246.64 | 90.78 |
| 22 13 16 00-0116 | EA | 6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 362.60 | 110.17 |
| 22 13 16 00-0117 | EA | 6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 378.59 | 112.19 |
| 22 13 16 00-0118 | EA | 6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 401.05 | 119.70 |
| 22 13 16 00-0119 | EA | 8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 566.52 | 133.68 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0120 | EA | 8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 580.05 | 142.69 |
| 22 13 16 00-0121 | EA | 8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend | 740.59 | 158.72 |
| **22 13 16 00-0122** | | **Bell And Spigot Cast Iron Double Wyes** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0123 | EA | 2" Bell And Spigot Cast Iron Double Wye | 249.58 | 82.01 |
| 22 13 16 00-0124 | EA | 3" Bell And Spigot Cast Iron Double Wye | 367.63 | 103.39 |
| 22 13 16 00-0125 | EA | 4" Bell And Spigot Cast Iron Double Wye | 501.46 | 130.77 |
| 22 13 16 00-0126 | EA | 6" Bell And Spigot Cast Iron Double Wye | 960.59 | 188.91 |
| 22 13 16 00-0127 | EA | 8" Bell And Spigot Cast Iron Double Wye | 1,985.58 | 224.72 |
| 22 13 16 00-0128 | EA | 10" Bell And Spigot Cast Iron Double Wye | 2,648.37 | 251.44 |
| 22 13 16 00-0129 | EA | 12" Bell And Spigot Cast Iron Double Wye | 1,789.52 | 301.71 |
| 22 13 16 00-0130 | EA | 15" Bell And Spigot Cast Iron Double Wye | 5,242.36 | 316.65 |
| **22 13 16 00-0131** | | **Bell And Spigot Cast Iron Reducing Double Wyes** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0132 | EA | 3" x 2" Bell And Spigot Cast Iron Reducing Double Wye | 220.18 | 96.98 |
| 22 13 16 00-0133 | EA | 4" x 2" Bell And Spigot Cast Iron Reducing Double Wye | 256.21 | 111.41 |
| 22 13 16 00-0134 | EA | 4" x 3" Bell And Spigot Cast Iron Reducing Double Wye | 278.56 | 116.87 |
| 22 13 16 00-0135 | EA | 6" x 2" Bell And Spigot Cast Iron Reducing Double Wye | 350.57 | 131.04 |
| 22 13 16 00-0136 | EA | 6" x 3" Bell And Spigot Cast Iron Reducing Double Wye | 372.73 | 136.04 |
| 22 13 16 00-0137 | EA | 6" x 4" Bell And Spigot Cast Iron Reducing Double Wye | 431.99 | 148.35 |
| 22 13 16 00-0138 | EA | 8" x 4" Bell And Spigot Cast Iron Reducing Double Wye | 724.95 | 173.17 |
| 22 13 16 00-0139 | EA | 8" x 6" Bell And Spigot Cast Iron Reducing Double Wye | 783.59 | 204.93 |
| 22 13 16 00-0140 | EA | 10" x 4" Bell And Spigot Cast Iron Reducing Double Wye | 771.97 | 185.24 |
| 22 13 16 00-0141 | EA | 10" x 6" Bell And Spigot Cast Iron Reducing Double Wye | 899.06 | 217.59 |
| 22 13 16 00-0142 | EA | 10" x 8" Bell And Spigot Cast Iron Reducing Double Wye | 1,119.32 | 237.19 |
| 22 13 16 00-0143 | EA | 12" x 6" Bell And Spigot Cast Iron Reducing Double Wye | 1,143.15 | 242.63 |
| 22 13 16 00-0144 | EA | 12" x 8" Bell And Spigot Cast Iron Reducing Double Wye | 1,478.30 | 264.00 |
| **22 13 16 00-0145** | | **Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0146 | EA | 2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend | 204.18 | 82.01 |
| 22 13 16 00-0147 | EA | 3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend | 275.17 | 109.70 |
| 22 13 16 00-0148 | EA | 4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend | 361.36 | 137.18 |
| 22 13 16 00-0149 | EA | 6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend | 799.36 | 211.12 |
| **22 13 16 00-0150** | | **Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0151 | EA | 3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend | 275.91 | 98.37 |
| 22 13 16 00-0152 | EA | 4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend | 328.92 | 111.41 |
| 22 13 16 00-0153 | EA | 4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend | 369.59 | 124.04 |
| 22 13 16 00-0154 | EA | 6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend | 751.56 | 157.48 |
| **22 13 16 00-0155** | | **Bell And Spigot Cast Iron Sanitary Tees** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0156 | EA | 2" Bell And Spigot Cast Iron Sanitary Tee | 166.24 | 68.64 |
| 22 13 16 00-0157 | EA | 3" Bell And Spigot Cast Iron Sanitary Tee | 189.89 | 75.06 |
| 22 13 16 00-0158 | EA | 4" Bell And Spigot Cast Iron Sanitary Tee | 313.94 | 91.95 |
| 22 13 16 00-0159 | EA | 5" Bell And Spigot Cast Iron Sanitary Tee | 457.26 | 95.95 |
| 22 13 16 00-0160 | EA | 6" Bell And Spigot Cast Iron Sanitary Tee | 548.57 | 115.08 |
| 22 13 16 00-0161 | EA | 8" Bell And Spigot Cast Iron Sanitary Tee | 1,217.77 | 151.90 |
| 22 13 16 00-0162 | EA | 10" Bell And Spigot Cast Iron Sanitary Tee | 1,845.80 | 185.24 |
| 22 13 16 00-0163 | EA | 12" Bell And Spigot Cast Iron Sanitary Tee | 2,775.71 | 217.59 |
| **22 13 16 00-0164** | | **Bell And Spigot Cast Iron Reducing Sanitary Tees** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0165 | EA | 3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee | 228.78 | 71.64 |
| 22 13 16 00-0166 | EA | 4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee | 271.14 | 83.93 |
| 22 13 16 00-0167 | EA | 4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee | 285.14 | 83.93 |
| 22 13 16 00-0168 | EA | 6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee | 426.44 | 110.17 |
| 22 13 16 00-0169 | EA | 6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee | 444.91 | 112.19 |
| 22 13 16 00-0170 | EA | 6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee | 483.47 | 119.70 |
| 22 13 16 00-0171 | EA | 8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee | 849.97 | 142.69 |
| 22 13 16 00-0172 | EA | 8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee | 1,074.70 | 158.72 |
| **22 13 16 00-0173** | | **Bell And Spigot Cast Iron Vent Tees** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0174 | EA | 2" Bell And Spigot Cast Iron Vent Tee | 139.81 | 68.54 |
| 22 13 16 00-0175 | EA | 3" Bell And Spigot Cast Iron Vent Tee | 176.95 | 75.06 |
| 22 13 16 00-0176 | EA | 4" Bell And Spigot Cast Iron Vent Tee | 234.72 | 98.37 |
| 22 13 16 00-0177 | EA | 5" Bell And Spigot Cast Iron Vent Tee | 293.31 | 108.83 |
| 22 13 16 00-0178 | EA | 6" Bell And Spigot Cast Iron Vent Tee | 370.08 | 134.98 |
| 22 13 16 00-0179 | EA | 8" Bell And Spigot Cast Iron Vent Tee | 658.69 | 179.01 |
| **22 13 16 00-0180** | | **Bell And Spigot Cast Iron Tapped Sanitary Tees** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0181 | EA | 2" Bell And Spigot Cast Iron Tapped Sanitary Tee | 144.14 | 68.54 |
| 22 13 16 00-0182 | EA | 3" Bell And Spigot Cast Iron Tapped Sanitary Tee | 159.28 | 75.06 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0183 | EA | 4" Bell And Spigot Cast Iron Tapped Sanitary Tee | 205.05 | 98.37 |
| **22 13 16 00-0184** | | **Bell And Spigot Cast Iron Tapped Sanitary Crosses** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0185 | EA | 2" Bell And Spigot Cast Iron Tapped Sanitary Cross | 146.88 | 68.54 |
| 22 13 16 00-0186 | EA | 3" Bell And Spigot Cast Iron Tapped Sanitary Cross | 164.48 | 75.06 |
| 22 13 16 00-0187 | EA | 4" Bell And Spigot Cast Iron Tapped Sanitary Cross | 218.12 | 98.37 |
| **22 13 16 00-0188** | | **Bell And Spigot Cast Iron Reducers** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0189 | EA | 3" x 2" Bell And Spigot Cast Iron Reducer | 81.20 | 38.60 |
| 22 13 16 00-0190 | EA | 4" x 2" Bell And Spigot Cast Iron Reducer | 100.85 | 50.89 |
| 22 13 16 00-0191 | EA | 4" x 3" Bell And Spigot Cast Iron Reducer | 108.72 | 51.32 |
| 22 13 16 00-0192 | EA | 6" x 2" Bell And Spigot Cast Iron Reducer | 133.59 | 58.26 |
| 22 13 16 00-0193 | EA | 6" x 3" Bell And Spigot Cast Iron Reducer | 140.47 | 59.03 |
| 22 13 16 00-0194 | EA | 6" x 4" Bell And Spigot Cast Iron Reducer | 145.26 | 60.28 |
| 22 13 16 00-0195 | EA | 8" x 2" Bell And Spigot Cast Iron Reducer | 194.53 | 62.10 |
| 22 13 16 00-0196 | EA | 8" x 3" Bell And Spigot Cast Iron Reducer | 218.03 | 77.08 |
| 22 13 16 00-0197 | EA | 8" x 4" Bell And Spigot Cast Iron Reducer | 223.78 | 79.06 |
| 22 13 16 00-0198 | EA | 8" x 6" Bell And Spigot Cast Iron Reducer | 230.83 | 82.53 |
| 22 13 16 00-0199 | EA | 10" x 4" Bell And Spigot Cast Iron Reducer | 292.23 | 92.62 |
| 22 13 16 00-0200 | EA | 10" x 6" Bell And Spigot Cast Iron Reducer | 308.24 | 97.27 |
| 22 13 16 00-0201 | EA | 10" x 8" Bell And Spigot Cast Iron Reducer | 329.23 | 101.52 |
| 22 13 16 00-0202 | EA | 12" x 4" Bell And Spigot Cast Iron Reducer | 415.26 | 110.04 |
| 22 13 16 00-0203 | EA | 12" x 6" Bell And Spigot Cast Iron Reducer | 460.82 | 128.74 |
| 22 13 16 00-0204 | EA | 12" x 8" Bell And Spigot Cast Iron Reducer | 495.56 | 146.65 |
| 22 13 16 00-0205 | EA | 12" x 10" Bell And Spigot Cast Iron Reducer | 539.78 | 168.91 |
| 22 13 16 00-0206 | EA | 15" x 6" Bell And Spigot Cast Iron Reducer | 725.19 | 168.91 |
| 22 13 16 00-0207 | EA | 15" x 8" Bell And Spigot Cast Iron Reducer | 770.72 | 182.08 |
| 22 13 16 00-0208 | EA | 15" x 10" Bell And Spigot Cast Iron Reducer | 801.62 | 191.97 |
| 22 13 16 00-0209 | EA | 15" x 12" Bell And Spigot Cast Iron Reducer | 843.66 | 204.93 |
| **22 13 16 00-0210** | | **Bell And Spigot Cast Iron P-Traps** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0211 | EA | 2" Bell And Spigot Cast Iron P-Trap | 85.99 | 30.68 |
| 22 13 16 00-0212 | EA | 3" Bell And Spigot Cast Iron P-Trap | 116.00 | 38.60 |
| 22 13 16 00-0213 | EA | 4" Bell And Spigot Cast Iron P-Trap | 158.46 | 51.32 |
| 22 13 16 00-0214 | EA | 5" Bell And Spigot Cast Iron P-Trap | 255.63 | 53.93 |
| 22 13 16 00-0215 | EA | 6" Bell And Spigot Cast Iron P-Trap | 346.84 | 63.45 |
| 22 13 16 00-0216 | EA | 8" Bell And Spigot Cast Iron P-Trap | 795.71 | 82.53 |
| 22 13 16 00-0217 | EA | 10" Bell And Spigot Cast Iron P-Trap | 878.25 | 101.52 |
| **22 13 16 00-0218** | | **Bell And Spigot Cast Iron Deep Seal P-Traps** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0219 | EA | 2" Bell And Spigot Cast Iron Deep Seal P-Trap | 101.19 | 30.68 |
| 22 13 16 00-0220 | EA | 3" Bell And Spigot Cast Iron Deep Seal P-Trap | 145.87 | 38.60 |
| 22 13 16 00-0221 | EA | 4" Bell And Spigot Cast Iron Deep Seal P-Trap | 213.99 | 51.32 |
| 22 13 16 00-0222 | EA | 5" Bell And Spigot Cast Iron Deep Seal P-Trap | 352.94 | 60.28 |
| 22 13 16 00-0223 | EA | 6" Bell And Spigot Cast Iron Deep Seal P-Trap | 373.21 | 67.20 |
| **22 13 16 00-0224** | | **Bell And Spigot Cast Iron Running Traps With Single Vent** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0225 | EA | 3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent | 232.03 | 74.10 |
| 22 13 16 00-0226 | EA | 4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent | 310.09 | 97.41 |
| 22 13 16 00-0227 | EA | 5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent | 417.24 | 104.70 |
| 22 13 16 00-0228 | EA | 6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent | 876.56 | 118.64 |
| 22 13 16 00-0229 | EA | 8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent | 2,981.43 | 141.10 |
| 22 13 16 00-0230 | EA | 8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent | 3,226.46 | 157.44 |
| **22 13 16 00-0231** | | **Bell And Spigot Cast Running Traps With Double Vent** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0232 | EA | 3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent | 294.56 | 102.33 |
| 22 13 16 00-0233 | EA | 4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent | 405.52 | 129.16 |
| 22 13 16 00-0234 | EA | 6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent | 970.96 | 146.61 |
| 22 13 16 00-0235 | EA | 6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent | 1,123.16 | 177.47 |
| 22 13 16 00-0236 | EA | 8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent | 3,203.48 | 171.09 |
| 22 13 16 00-0237 | EA | 8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent | 3,509.32 | 203.15 |
| 22 13 16 00-0238 | EA | 10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent | 4,681.62 | 234.42 |
| 22 13 16 00-0239 | EA | 12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent | 6,501.46 | 271.03 |
| 22 13 16 00-0240 | EA | 15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent | 12,742.33 | 313.48 |
| **22 13 16 00-0241** | | **Bell And Spigot Cast Iron Scission Joint Fittings** *(22 13 16 00-0030)* | | |
| 22 13 16 00-0242 | EA | 2" Bell And Spigot Cast Iron Scission Joint Fitting | 188.65 | |
| 22 13 16 00-0243 | EA | 3" Bell And Spigot Cast Iron Scission Joint Fitting | 262.78 | |
| 22 13 16 00-0244 | EA | 4" Bell And Spigot Cast Iron Scission Joint Fitting | 301.36 | |
| 22 13 16 00-0245 | EA | 5" Bell And Spigot Cast Iron Scission Joint Fitting | 373.27 | |
| 22 13 16 00-0246 | EA | 6" Bell And Spigot Cast Iron Scission Joint Fitting | 453.41 | |
| 22 13 16 00-0247 | EA | 8" Bell And Spigot Cast Iron Scission Joint Fitting | 872.22 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 13 16 00-0248** | | **Cut And Prepare Existing In-Place Cast Iron Pipe** *(22 13 16 00-0019)* | | |
| | | Note: For use when connecting pipe to an existing in-place system. | | |
| 22 13 16 00-0249 | EA | 2", Cut And Prepare Existing In-Place Cast Iron Pipe | 12.78 | |
| 22 13 16 00-0250 | EA | 3", Cut And Prepare Existing In-Place Cast Iron Pipe | 13.94 | |
| 22 13 16 00-0251 | EA | 4", Cut And Prepare Existing In-Place Cast Iron Pipe | 17.42 | |
| 22 13 16 00-0252 | EA | 6", Cut And Prepare Existing In-Place Cast Iron Pipe | 20.90 | |
| 22 13 16 00-0253 | EA | 8", Cut And Prepare Existing In-Place Cast Iron Pipe | 27.87 | |
| 22 13 16 00-0254 | EA | 10", Cut And Prepare Existing In-Place Cast Iron Pipe | 32.51 | |
| 22 13 16 00-0255 | EA | 12", Cut And Prepare Existing In-Place Cast Iron Pipe | 38.32 | |
| 22 13 16 00-0256 | EA | 15", Cut And Prepare Existing In-Place Cast Iron Pipe | 44.12 | |
| **22 13 16 00-0257** | | **Joint Material** *(22 13 16 00-0019)* | | |
| | | Note: Labor costs are included in the installation costs for fittings. | | |
| 22 13 16 00-0258 | LB | Lead (1 LB/Diameter Inch) Joint Material | 6.03 | |
| 22 13 16 00-0259 | LB | Oakum (1/8 LB/Diameter Inch) Joint Material | 15.58 | |
| 22 13 16 00-0260 | EA | 2" Dual Tite Rubber Gasket | 3.17 | |
| 22 13 16 00-0261 | EA | 3" Dual Tite Rubber Gasket | 4.34 | |
| 22 13 16 00-0262 | EA | 4" Dual Tite Rubber Gasket | 5.40 | |
| 22 13 16 00-0263 | EA | 6" Dual Tite Rubber Gasket | 8.95 | |
| 22 13 16 00-0264 | EA | 8" Dual Tite Rubber Gasket | 19.74 | |
| 22 13 16 00-0265 | EA | 10" Dual Tite Rubber Gasket | 30.28 | |
| 22 13 16 00-0266 | EA | 12" Dual Tite Rubber Gasket | 38.57 | |
| 22 13 16 00-0267 | EA | 15" Dual Tite Rubber Gasket | 45.81 | |
| **22 13 16 00-0268** | | **No Hub Cast Iron Soil Pipe And Fittings** *(22 13 16)* | | |
| | | Note: Service Weight. Excludes hangers. | | |
| **22 13 16 00-0269** | | **No Hub Cast Iron Pipe** *(22 13 16 00-0268)* | | |
| | | Note: Excludes couplings. | | |
| 22 13 16 00-0270 | LF | 1-1/2" No Hub Cast Iron Pipe | 17.07 | 6.42 |
| 22 13 16 00-0271 | LF | 2" No Hub Cast Iron Pipe | 18.15 | 6.84 |
| 22 13 16 00-0272 | LF | 3" No Hub Cast Iron Pipe | 25.78 | 9.94 |
| 22 13 16 00-0273 | LF | 4" No Hub Cast Iron Pipe | 33.45 | 12.93 |
| 22 13 16 00-0274 | LF | 5" No Hub Cast Iron Pipe | 41.57 | 14.71 |
| 22 13 16 00-0275 | LF | 6" No Hub Cast Iron Pipe | 48.17 | 16.05 |
| 22 13 16 00-0276 | LF | 8" No Hub Cast Iron Pipe | 73.46 | 23.25 |
| 22 13 16 00-0277 | LF | 10" No Hub Cast Iron Pipe | 103.67 | 26.42 |
| **22 13 16 00-0278** | | **No Hub Cast Iron Fittings** *(22 13 16 00-0268)* | | |
| **22 13 16 00-0279** | | **No Hub Cast Iron Long Sweeps** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0280 | EA | 1-1/2" No Hub Cast Iron Long Sweep | 63.90 | 29.08 |
| 22 13 16 00-0281 | EA | 2" No Hub Cast Iron Long Sweep | 66.26 | 30.37 |
| 22 13 16 00-0282 | EA | 3" No Hub Cast Iron Long Sweep | 78.19 | 34.75 |
| 22 13 16 00-0283 | EA | 4" No Hub Cast Iron Long Sweep | 107.77 | 45.98 |
| 22 13 16 00-0284 | EA | 5" No Hub Cast Iron Long Sweep | 144.18 | 48.55 |
| 22 13 16 00-0285 | EA | 6" No Hub Cast Iron Long Sweep | 171.02 | 57.88 |
| 22 13 16 00-0286 | EA | 8" No Hub Cast Iron Long Sweep | 343.24 | 75.40 |
| **22 13 16 00-0287** | | **No Hub Cast Iron Reducing Long Sweeps** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0288 | EA | 3" x 2" No Hub Cast Iron Reducing Long Sweep | 99.62 | 34.75 |
| 22 13 16 00-0289 | EA | 4" x 3" No Hub Cast Iron Reducing Long Sweep | 148.62 | 45.98 |
| **22 13 16 00-0290** | | **No Hub Cast Iron Short Sweeps** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0291 | EA | 2" No Hub Cast Iron Short Sweep | 61.96 | 30.37 |
| 22 13 16 00-0292 | EA | 3" No Hub Cast Iron Short Sweep | 74.77 | 34.75 |
| 22 13 16 00-0293 | EA | 4" No Hub Cast Iron Short Sweep | 105.98 | 45.98 |
| 22 13 16 00-0294 | EA | 5" No Hub Cast Iron Short Sweep | 144.85 | 48.55 |
| 22 13 16 00-0295 | EA | 6" No Hub Cast Iron Short Sweep | 160.55 | 57.88 |
| 22 13 16 00-0296 | EA | 8" No Hub Cast Iron Short Sweep | 311.62 | 75.40 |
| 22 13 16 00-0297 | EA | 10" No Hub Cast Iron Short Sweep | 507.52 | 105.58 |
| **22 13 16 00-0298** | | **No Hub Cast Iron 1/4 Bends** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0299 | EA | 1-1/2" No Hub Cast Iron 1/4 Bend | 56.40 | 29.08 |
| 22 13 16 00-0300 | EA | 2" No Hub Cast Iron 1/4 Bend | 58.99 | 30.37 |
| 22 13 16 00-0301 | EA | 3" No Hub Cast Iron 1/4 Bend | 69.96 | 34.75 |
| 22 13 16 00-0302 | EA | 4" No Hub Cast Iron 1/4 Bend | 95.34 | 45.98 |
| 22 13 16 00-0303 | EA | 5" No Hub Cast Iron 1/4 Bend | 131.64 | 48.55 |
| 22 13 16 00-0304 | EA | 6" No Hub Cast Iron 1/4 Bend | 152.10 | 57.88 |
| 22 13 16 00-0305 | EA | 8" No Hub Cast Iron 1/4 Bend | 286.99 | 75.40 |
| **22 13 16 00-0306** | | **No Hub Cast Iron 1/8 Bends** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0307 | EA | 1-1/2" No Hub Cast Iron 1/8 Bend | 53.66 | 29.08 |
| 22 13 16 00-0308 | EA | 2" No Hub Cast Iron 1/8 Bend | 55.74 | 30.37 |
| 22 13 16 00-0309 | EA | 3" No Hub Cast Iron 1/8 Bend | 66.77 | 34.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0310 | EA | 4" No Hub Cast Iron 1/8 Bend | 88.18 | 45.98 |
| 22 13 16 00-0311 | EA | 6" No Hub Cast Iron 1/8 Bend | 145.65 | 67.90 |
| 22 13 16 00-0312 | EA | 8" No Hub Cast Iron 1/8 Bend | 250.30 | 89.17 |
| 22 13 16 00-0313 | EA | 10" No Hub Cast Iron 1/8 Bend | 384.52 | 109.70 |
| **22 13 16 00-0314** | | **No Hub Cast Iron Wyes** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0315 | EA | 1-1/2" No Hub Cast Iron Wye | 86.34 | 45.76 |
| 22 13 16 00-0316 | EA | 2" No Hub Cast Iron Wye | 111.00 | 62.01 |
| 22 13 16 00-0317 | EA | 3" No Hub Cast Iron Wye | 126.46 | 67.90 |
| 22 13 16 00-0318 | EA | 4" No Hub Cast Iron Wye | 173.62 | 89.17 |
| 22 13 16 00-0319 | EA | 5" No Hub Cast Iron Wye | 228.15 | 94.51 |
| 22 13 16 00-0320 | EA | 6" No Hub Cast Iron Wye | 270.72 | 112.19 |
| 22 13 16 00-0321 | EA | 8" No Hub Cast Iron Wye | 466.96 | 150.90 |
| 22 13 16 00-0322 | EA | 10" No Hub Cast Iron Wye | 772.67 | 167.62 |
| **22 13 16 00-0323** | | **No Hub Cast Iron Reducing Wyes** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0324 | EA | 3" x 1-1/2" No Hub Cast Iron Reducing Wye | 108.16 | 59.23 |
| 22 13 16 00-0325 | EA | 3" x 2" No Hub Cast Iron Reducing Wye | 121.25 | 67.90 |
| 22 13 16 00-0326 | EA | 4" x 2" No Hub Cast Iron Reducing Wye | 137.40 | 75.06 |
| 22 13 16 00-0327 | EA | 4" x 3" No Hub Cast Iron Reducing Wye | 158.36 | 83.40 |
| 22 13 16 00-0328 | EA | 6" x 2" No Hub Cast Iron Reducing Wye | 198.42 | 95.46 |
| 22 13 16 00-0329 | EA | 6" x 3" No Hub Cast Iron Reducing Wye | 211.84 | 99.79 |
| 22 13 16 00-0330 | EA | 6" x 4" No Hub Cast Iron Reducing Wye | 243.03 | 116.62 |
| 22 13 16 00-0331 | EA | 8" x 4" No Hub Cast Iron Reducing Wye | 315.74 | 118.64 |
| 22 13 16 00-0332 | EA | 8" x 6" No Hub Cast Iron Reducing Wye | 365.72 | 130.42 |
| 22 13 16 00-0333 | EA | 10" x 4" No Hub Cast Iron Reducing Wye | 568.88 | 138.93 |
| 22 13 16 00-0334 | EA | 10" x 6" No Hub Cast Iron Reducing Wye | 600.23 | 148.73 |
| 22 13 16 00-0335 | EA | 10" x 8" No Hub Cast Iron Reducing Wye | 691.10 | 158.82 |
| **22 13 16 00-0336** | | **No Hub Cast Iron Combination Wye And 1/8 Bends** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0337 | EA | 1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend | 97.81 | 53.25 |
| 22 13 16 00-0338 | EA | 2" No Hub Cast Iron Combination Wye And 1/8 Bend | 111.73 | 62.01 |
| 22 13 16 00-0339 | EA | 3" No Hub Cast Iron Combination Wye And 1/8 Bend | 131.94 | 67.90 |
| 22 13 16 00-0340 | EA | 4" No Hub Cast Iron Combination Wye And 1/8 Bend | 189.13 | 89.17 |
| 22 13 16 00-0341 | EA | 6" No Hub Cast Iron Combination Wye And 1/8 Bend | 345.26 | 137.18 |
| 22 13 16 00-0342 | EA | 8" No Hub Cast Iron Combination Wye And 1/8 Bend | 614.26 | 175.99 |
| 22 13 16 00-0343 | EA | 10" No Hub Cast Iron Combination Wye And 1/8 Bend | 721.30 | 212.78 |
| **22 13 16 00-0344** | | **No Hub Cast Iron Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0345 | EA | 2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 112.63 | 62.01 |
| 22 13 16 00-0346 | EA | 3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 123.99 | 67.90 |
| 22 13 16 00-0347 | EA | 4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 142.89 | 75.06 |
| 22 13 16 00-0348 | EA | 4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 163.68 | 83.40 |
| 22 13 16 00-0349 | EA | 6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 214.37 | 95.46 |
| 22 13 16 00-0350 | EA | 6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 239.72 | 99.79 |
| 22 13 16 00-0351 | EA | 6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 267.43 | 116.62 |
| 22 13 16 00-0352 | EA | 8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 361.36 | 118.64 |
| 22 13 16 00-0353 | EA | 8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend | 469.99 | 130.42 |
| **22 13 16 00-0354** | | **No Hub Cast Iron Double Wyes** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0355 | EA | 2" No Hub Cast Iron Double Wye | 140.72 | 77.09 |
| 22 13 16 00-0356 | EA | 3" No Hub Cast Iron Double Wye | 187.03 | 93.89 |
| 22 13 16 00-0357 | EA | 4" No Hub Cast Iron Double Wye | 249.22 | 102.65 |
| 22 13 16 00-0358 | EA | 6" No Hub Cast Iron Double Wye | 376.29 | 141.42 |
| 22 13 16 00-0359 | EA | 8" No Hub Cast Iron Double Wye | 732.89 | 191.97 |
| **22 13 16 00-0360** | | **No Hub Cast Iron Reducing Double Wyes** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0361 | EA | 3" x 2" No Hub Cast Iron Double Wye | 167.79 | 85.43 |
| | | *For Work In Restricted Working Space, Add* | *38.42* | |
| | | *For Below Ground Installation, Add* | *6.40* | |
| 22 13 16 00-0362 | EA | 4" x 2" No Hub Cast Iron Double Wye | 200.88 | 98.37 |
| | | *For Work In Restricted Working Space, Add* | *44.25* | |
| | | *For Below Ground Installation, Add* | *7.37* | |
| 22 13 16 00-0363 | EA | 4" x 3" No Hub Cast Iron Double Wye | 221.01 | 107.24 |
| | | *For Work In Restricted Working Space, Add* | *48.24* | |
| | | *For Below Ground Installation, Add* | *8.04* | |
| 22 13 16 00-0364 | EA | 6" x 4" No Hub Cast Iron Double Wye | 320.19 | 124.69 |
| | | *For Work In Restricted Working Space, Add* | *56.08* | |
| | | *For Below Ground Installation, Add* | *9.35* | |
| **22 13 16 00-0365** | | **No Hub Cast Iron Double Combination Wye And 1/8 Bends** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0366 | EA | 2" No Hub Cast Iron Double Combination Wye And 1/8 Bend | 182.91 | 92.60 |
| 22 13 16 00-0367 | EA | 3" No Hub Cast Iron Double Combination Wye And 1/8 Bend | 222.08 | 102.65 |
| 22 13 16 00-0368 | EA | 4" No Hub Cast Iron Double Combination Wye And 1/8 Bend | 333.97 | 135.90 |
| 22 13 16 00-0369 | EA | 6" No Hub Cast Iron Double Combination Wye And 1/8 Bend | 466.62 | 209.79 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 13 16 00-0370** | | **No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0371 | EA | 3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend | 170.57 | 79.66 |
| 22 13 16 00-0372 | EA | 4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend | 197.74 | 92.60 |
| 22 13 16 00-0373 | EA | 4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend | 237.25 | 101.15 |
| **22 13 16 00-0374** | | **No Hub Cast Iron Sanitary Tees** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0375 | EA | 1-1/2" No Hub Cast Iron Sanitary Tee | 84.15 | 44.80 |
| 22 13 16 00-0376 | EA | 2" No Hub Cast Iron Sanitary Tee | 111.90 | 62.01 |
| 22 13 16 00-0377 | EA | 3" No Hub Cast Iron Sanitary Tee | 124.44 | 67.90 |
| 22 13 16 00-0378 | EA | 4" No Hub Cast Iron Sanitary Tee | 169.03 | 89.17 |
| 22 13 16 00-0379 | EA | 5" No Hub Cast Iron Sanitary Tee | 229.10 | 94.51 |
| 22 13 16 00-0380 | EA | 6" No Hub Cast Iron Sanitary Tee | 270.05 | 112.19 |
| 22 13 16 00-0381 | EA | 8" No Hub Cast Iron Sanitary Tee | 523.55 | 150.90 |
| **22 13 16 00-0382** | | **No Hub Cast Iron Reducing Sanitary Tees** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0383 | EA | 2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee | 94.75 | 50.58 |
| 22 13 16 00-0384 | EA | 3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee | 109.73 | 59.23 |
| 22 13 16 00-0385 | EA | 3" x 2" No Hub Cast Iron Reducing Sanitary Tee | 113.97 | 62.01 |
| 22 13 16 00-0386 | EA | 3" x 4" No Hub Cast Iron Reducing Sanitary Tee | 135.63 | 62.01 |
| 22 13 16 00-0387 | EA | 4" x 2" No Hub Cast Iron Reducing Sanitary Tee | 152.72 | 83.93 |
| 22 13 16 00-0388 | EA | 4" x 3" No Hub Cast Iron Reducing Sanitary Tee | 157.98 | 83.93 |
| 22 13 16 00-0389 | EA | 5" x 2" No Hub Cast Iron Reducing Sanitary Tee | 197.12 | 89.79 |
| 22 13 16 00-0390 | EA | 5" x 3" No Hub Cast Iron Reducing Sanitary Tee | 204.45 | 89.79 |
| 22 13 16 00-0391 | EA | 5" x 4" No Hub Cast Iron Reducing Sanitary Tee | 205.35 | 89.79 |
| 22 13 16 00-0392 | EA | 6" x 4" No Hub Cast Iron Reducing Sanitary Tee | 213.03 | 93.55 |
| 22 13 16 00-0393 | EA | 8" x 6" No Hub Cast Iron Reducing Sanitary Tee | 412.33 | 127.26 |
| **22 13 16 00-0394** | | **No Hub Cast Iron Sanitary Tapped Tees** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0395 | EA | 2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee | 64.47 | 30.37 |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| | | *For Below Ground Installation, Add* | *2.28* | |
| 22 13 16 00-0396 | EA | 3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee | 74.94 | 34.75 |
| | | *For Work In Restricted Working Space, Add* | *15.65* | |
| | | *For Below Ground Installation, Add* | *2.61* | |
| 22 13 16 00-0397 | EA | 4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee | 92.26 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| | | *For Below Ground Installation, Add* | *3.45* | |
| **22 13 16 00-0398** | | **No Hub Cast Iron Cleanout Tees** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0399 | EA | 2" No Hub Cast Iron Cleanout Tee | 61.17 | 30.37 |
| 22 13 16 00-0400 | EA | 3" No Hub Cast Iron Cleanout Tee | 77.35 | 34.75 |
| 22 13 16 00-0401 | EA | 4" No Hub Cast Iron Cleanout Tee | 113.25 | 45.98 |
| 22 13 16 00-0402 | EA | 6" No Hub Cast Iron Cleanout Tee | 188.19 | 67.90 |
| **22 13 16 00-0403** | | **No Hub Cast Iron Two-Way Cleanout Tees** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0404 | EA | 4" No Hub Cast Iron Single Two-Way Cleanout Tee | 260.08 | 89.17 |
| 22 13 16 00-0405 | EA | 4" No Hub Cast Iron Double Two-Way Cleanout Tee | 320.54 | 135.48 |
| **22 13 16 00-0406** | | **No Hub Cast Iron Cleanout Plugs** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0407 | EA | 2" No Hub Cast Iron Cleanout Plug | 52.16 | 30.37 |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| | | *For Below Ground Installation, Add* | *2.28* | |
| 22 13 16 00-0408 | EA | 3" No Hub Cast Iron Cleanout Plug | 62.63 | 34.75 |
| | | *For Work In Restricted Working Space, Add* | *15.65* | |
| | | *For Below Ground Installation, Add* | *2.61* | |
| 22 13 16 00-0409 | EA | 4" No Hub Cast Iron Cleanout Plug | 88.85 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| | | *For Below Ground Installation, Add* | *3.45* | |
| 22 13 16 00-0410 | EA | 6" No Hub Cast Iron Cleanout Plug | 138.94 | 67.90 |
| | | *For Work In Restricted Working Space, Add* | *30.55* | |
| | | *For Below Ground Installation, Add* | *5.09* | |
| 22 13 16 00-0411 | EA | 8" No Hub Cast Iron Cleanout Plug | 184.65 | 89.17 |
| | | *For Work In Restricted Working Space, Add* | *40.10* | |
| | | *For Below Ground Installation, Add* | *6.68* | |
| **22 13 16 00-0412** | | **No Hub Cast Iron Sanitary Crosses** *(22 13 16 00-0278)* | | |
| 22 13 16 00-0413 | EA | 1-1/2" No Hub Cast Iron Sanitary Cross | 112.70 | 59.88 |
| 22 13 16 00-0414 | EA | 2" No Hub Cast Iron Sanitary Cross | 121.52 | 62.01 |
| 22 13 16 00-0415 | EA | 3" No Hub Cast Iron Sanitary Cross | 146.77 | 67.90 |
| 22 13 16 00-0416 | EA | 4" No Hub Cast Iron Sanitary Cross | 218.12 | 89.17 |
| **22 13 16 00-0417** | | **No Hub Cast Iron Reducing Sanitary Crosses** *(22 13 16 00-0278)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0418 | EA | 3" x 2" No Hub Cast Iron Sanitary Cross | 159.85 | 79.66 |
| | | *For Work In Restricted Working Space, Add* | *35.83* | |
| | | *For Below Ground Installation, Add* | *5.97* | |
| 22 13 16 00-0419 | EA | 4" x 2" No Hub Cast Iron Sanitary Cross | 180.05 | 82.01 |
| | | *For Work In Restricted Working Space, Add* | *36.89* | |
| | | *For Below Ground Installation, Add* | *6.15* | |
| 22 13 16 00-0420 | EA | 4" x 3" No Hub Cast Iron Sanitary Cross | 197.23 | 85.65 |
| | | *For Work In Restricted Working Space, Add* | *38.50* | |
| | | *For Below Ground Installation, Add* | *6.42* | |

## 22 13 16 00-0421 No Hub Cast Iron Reducers *(22 13 16 00-0278)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0422 | EA | 3" x 2" No Hub Cast Iron Reducer | 102.55 | 62.01 |
| 22 13 16 00-0423 | EA | 4" x 2" No Hub Cast Iron Reducer | 140.41 | 83.93 |
| 22 13 16 00-0424 | EA | 4" x 3" No Hub Cast Iron Reducer | 140.86 | 83.93 |
| 22 13 16 00-0425 | EA | 5" x 2" No Hub Cast Iron Reducer | 156.04 | 89.79 |
| 22 13 16 00-0426 | EA | 5" x 3" No Hub Cast Iron Reducer | 159.00 | 89.79 |
| 22 13 16 00-0427 | EA | 5" x 4" No Hub Cast Iron Reducer | 160.18 | 89.79 |
| 22 13 16 00-0428 | EA | 6" x 3" No Hub Cast Iron Reducer | 186.55 | 99.79 |
| 22 13 16 00-0429 | EA | 6" x 4" No Hub Cast Iron Reducer | 186.99 | 99.79 |
| 22 13 16 00-0430 | EA | 6" x 5" No Hub Cast Iron Reducer | 188.34 | 99.79 |
| 22 13 16 00-0431 | EA | 8" x 2" No Hub Cast Iron Reducer | 260.41 | 140.81 |
| 22 13 16 00-0432 | EA | 8" x 3" No Hub Cast Iron Reducer | 263.82 | 140.81 |
| 22 13 16 00-0433 | EA | 8" x 4" No Hub Cast Iron Reducer | 269.31 | 140.81 |
| 22 13 16 00-0434 | EA | 8" x 5" No Hub Cast Iron Reducer | 275.02 | 140.81 |
| 22 13 16 00-0435 | EA | 8" x 6" No Hub Cast Iron Reducer | 275.69 | 140.81 |
| 22 13 16 00-0436 | EA | 10" x 4" No Hub Cast Iron Reducer | 328.54 | 148.53 |
| 22 13 16 00-0437 | EA | 10" x 6" No Hub Cast Iron Reducer | 351.20 | 155.05 |
| 22 13 16 00-0438 | EA | 10" x 8" No Hub Cast Iron Reducer | 394.49 | 168.32 |

## 22 13 16 00-0439 No Hub Cast Iron Blind Plugs *(22 13 16 00-0278)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0440 | EA | 1-1/2" No Hub Cast Iron Blind Plug | 27.30 | 14.56 |
| 22 13 16 00-0441 | EA | 2" No Hub Cast Iron Blind Plug | 28.02 | 15.18 |
| 22 13 16 00-0442 | EA | 3" No Hub Cast Iron Blind Plug | 35.43 | 17.43 |
| 22 13 16 00-0443 | EA | 4" No Hub Cast Iron Blind Plug | 47.00 | 22.99 |
| 22 13 16 00-0444 | EA | 5" No Hub Cast Iron Blind Plug | 60.29 | 24.71 |
| 22 13 16 00-0445 | EA | 6" No Hub Cast Iron Blind Plug | 66.96 | 28.93 |
| 22 13 16 00-0446 | EA | 8" No Hub Cast Iron Blind Plug | 130.67 | 37.70 |
| 22 13 16 00-0447 | EA | 10" No Hub Cast Iron Blind Plug | 167.47 | 40.57 |

## 22 13 16 00-0448 No Hub Cast Iron P-Traps *(22 13 16 00-0278)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0449 | EA | 2" No Hub Cast Iron P-Trap | 64.92 | 30.37 |
| 22 13 16 00-0450 | EA | 3" No Hub Cast Iron P-Trap | 96.43 | 34.75 |
| 22 13 16 00-0451 | EA | 4" No Hub Cast Iron P-Trap | 145.88 | 45.98 |
| 22 13 16 00-0452 | EA | 5" No Hub Cast Iron P-Trap | 249.29 | 48.94 |
| 22 13 16 00-0453 | EA | 6" No Hub Cast Iron P-Trap | 263.62 | 58.36 |

## 22 13 16 00-0454 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0278)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0455 | EA | 2" No Hub Cast Iron Deep Seal P-Trap | 104.14 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| | | *For Below Ground Installation, Add* | *2.89* | |
| 22 13 16 00-0456 | EA | 3" No Hub Cast Iron Deep Seal P-Trap | 150.86 | 51.32 |
| | | *For Work In Restricted Working Space, Add* | *23.08* | |
| | | *For Below Ground Installation, Add* | *3.85* | |
| 22 13 16 00-0457 | EA | 4" No Hub Cast Iron Deep Seal P-Trap | 220.24 | 67.79 |
| | | *For Work In Restricted Working Space, Add* | *30.47* | |
| | | *For Below Ground Installation, Add* | *5.08* | |

## 22 13 16 00-0458 No Hub Cast Iron Closet Flanges *(22 13 16 00-0278)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0459 | EA | 4" No Hub Cast Iron Closet Flange | 99.76 | 45.98 |
| 22 13 16 00-0460 | EA | 4" x 2-1/2" No Hub Cast Iron Offset Closet Flange | 106.15 | 45.98 |

## 22 13 16 00-0461 No Hub Cast Iron Closet Bends *(22 13 16 00-0278)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0462 | EA | 4" x 16" No Hub Cast Iron Closet Bend | 189.48 | 45.98 |

## 22 13 16 00-0463 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0278)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0464 | EA | 1-1/4" No Hub Cast Iron Threaded Adapter | 74.48 | 38.60 |
| 22 13 16 00-0465 | EA | 1-1/2" No Hub Cast Iron Threaded Adapter | 79.63 | 38.60 |

## 22 13 16 00-0466 No Hub Couplings *(22 13 16 00-0278)*

Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH).

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0467 | EA | 1-1/2" No Hub Coupling | 18.04 | |
| 22 13 16 00-0468 | EA | 2" No Hub Coupling | 18.04 | |
| 22 13 16 00-0469 | EA | 3" No Hub Coupling | 21.41 | |
| 22 13 16 00-0470 | EA | 4" No Hub Coupling | 25.42 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0471 | EA | 5" No Hub Coupling | 58.78 | |
| 22 13 16 00-0472 | EA | 6" No Hub Coupling | 64.58 | |
| 22 13 16 00-0473 | EA | 8" No Hub Coupling | 121.67 | |
| 22 13 16 00-0474 | EA | 10" No Hub Coupling | 167.61 | |
| 22 13 16 00-0475 | EA | 2" x 1-1/2" No Hub Reducing Coupling | 21.41 | |
| 22 13 16 00-0476 | EA | 3" x 2" No Hub Reducing Coupling | 33.20 | |
| 22 13 16 00-0477 | EA | 4" x 2" No Hub Reducing Coupling | 46.32 | |
| 22 13 16 00-0478 | EA | 4" x 3" No Hub Reducing Coupling | 39.47 | |
| 22 13 16 00-0479 | | Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0278)* | | |
| | | Note: For underground connections. See CSI section 22 13 16 00-0831 for additional FERNCO couplings. | | |
| 22 13 16 00-0480 | EA | 1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts | 36.87 | |
| 22 13 16 00-0481 | EA | 2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts | 38.06 | |
| 22 13 16 00-0482 | EA | 3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts | 39.96 | |
| 22 13 16 00-0483 | EA | 4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts | 46.62 | |
| 22 13 16 00-0484 | EA | 5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts | 88.01 | |
| 22 13 16 00-0485 | EA | 6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts | 120.84 | |
| 22 13 16 00-0486 | EA | 8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts | 211.71 | |
| 22 13 16 00-0487 | EA | 10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts | 323.51 | |
| 22 13 16 00-0488 | | Cut And Prepare Existing Pipe In-Place *(22 13 16 00-0268)* | | |
| | | Note: For use when connecting pipe to an existing in-place system. | | |
| 22 13 16 00-0489 | EA | Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub | 10.45 | |
| 22 13 16 00-0490 | EA | Cut And Prepare 2" Cast Iron Pipe, No Hub | 12.78 | |
| 22 13 16 00-0491 | EA | Cut And Prepare 3" Cast Iron Pipe, No Hub | 13.94 | |
| 22 13 16 00-0492 | EA | Cut And Prepare 4" Cast Iron Pipe, No Hub | 17.42 | |
| 22 13 16 00-0493 | EA | Cut And Prepare 6" Cast Iron Pipe, No Hub | 20.90 | |
| 22 13 16 00-0494 | EA | Cut And Prepare 8" Cast Iron Pipe, No Hub | 27.87 | |
| 22 13 16 00-0495 | EA | Cut And Prepare 10" Cast Iron Pipe, No Hub | 32.51 | |
| 22 13 16 00-0496 | | Copper Drain-Waste-Vent (DWV) Pipe *(22 13 16)* | | |
| | | See CSI section 22 11 16 00-0436 for copper and brass fittings. | | |
| 22 13 16 00-0497 | LF | 1-1/4" Hard Drawn DWV Copper Tube/Pipe | 15.37 | 5.02 |
| 22 13 16 00-0498 | LF | 1-1/2" Hard Drawn DWV Copper Tube/Pipe | 18.26 | 5.61 |
| 22 13 16 00-0499 | LF | 2" Hard Drawn DWV Copper Tube/Pipe | 23.43 | 6.92 |
| 22 13 16 00-0500 | LF | 3" Hard Drawn DWV Copper Tube/Pipe | 51.51 | 9.59 |
| 22 13 16 00-0501 | LF | 4" Hard Drawn DWV Copper Tube/Pipe | 70.68 | 10.82 |
| 22 13 16 00-0502 | LF | 5" Hard Drawn DWV Copper Tube/Pipe | 134.58 | 12.42 |
| 22 13 16 00-0503 | LF | 6" Hard Drawn DWV Copper Tube/Pipe | 192.69 | 19.26 |
| 22 13 16 00-0504 | | Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)* | | |
| | | Note: Aboveground installation. See CSI section 33 31 11 00-0002 for underground installation. | | |
| 22 13 16 00-0505 | | Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0504)* | | |
| | | Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available. | | |
| 22 13 16 00-0506 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly | 23.77 | 4.49 |
| | | Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *5.15* | |
| 22 13 16 00-0507 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly | 26.66 | 5.35 |
| | | Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *5.72* | |
| 22 13 16 00-0508 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly | 37.33 | 7.70 |
| | | Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *7.11* | |
| 22 13 16 00-0509 | LF | 4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly | 46.25 | 8.34 |
| | | Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *7.77* | |
| 22 13 16 00-0510 | LF | 6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly | 71.11 | 10.69 |
| | | Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *9.95* | |
| 22 13 16 00-0511 | LF | 8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly | 92.61 | 14.22 |
| | | Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *11.40* | |
| 22 13 16 00-0512 | LF | 10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly | 129.90 | 19.03 |
| | | Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *14.86* | |
| 22 13 16 00-0513 | | Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0504)* | | |
| | | Note: Excludes fittings or hangers. | | |
| 22 13 16 00-0514 | | Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) *(22 13 16 00-0513)* | | |
| | | Note: Excludes fittings or hangers. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0515 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe | 8.99 | 4.49 |
| | | *For Work In Restricted Working Space, Add* | *2.00* | |
| 22 13 16 00-0516 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe | 11.04 | 5.35 |
| | | *For Work In Restricted Working Space, Add* | *2.40* | |
| 22 13 16 00-0517 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe | 17.56 | 7.70 |
| | | *For Work In Restricted Working Space, Add* | *3.45* | |
| 22 13 16 00-0518 | LF | 4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe | 21.04 | 8.34 |
| | | *For Work In Restricted Working Space, Add* | *3.74* | |
| 22 13 16 00-0519 | LF | 6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe | 29.70 | 9.61 |
| | | *For Work In Restricted Working Space, Add* | *4.32* | |
| 22 13 16 00-0520 | LF | 8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe | 42.44 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *5.77* | |
| 22 13 16 00-0521 | LF | 10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe | 61.18 | 17.11 |
| | | *For Work In Restricted Working Space, Add* | *7.69* | |

## 22 13 16 00-0522 Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) *(22 13 16 00-0513)*

Note: Excludes fittings or hangers.

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0523 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe | 8.30 | 4.49 |
| 22 13 16 00-0524 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe | 10.23 | 5.35 |
| 22 13 16 00-0525 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe | 16.02 | 7.70 |
| 22 13 16 00-0526 | LF | 4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe | 18.99 | 8.34 |
| 22 13 16 00-0527 | LF | 6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe | 25.89 | 9.61 |
| 22 13 16 00-0528 | LF | 8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe | 37.07 | 12.78 |
| 22 13 16 00-0529 | LF | 10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe | 55.34 | 17.11 |

## 22 13 16 00-0530 Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) *(22 13 16 00-0504)*

## 22 13 16 00-0531 Polyvinyl Chloride (PVC) DWV 1/4 Bends *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0532 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends | 32.37 | 17.86 |
| 22 13 16 00-0533 | EA | 2" Polyvinyl Chloride (PVC) DWV 1/4 Bends | 41.37 | 22.78 |
| 22 13 16 00-0534 | EA | 3" Polyvinyl Chloride (PVC) DWV 1/4 Bends | 68.19 | 30.58 |
| 22 13 16 00-0535 | EA | 4" Polyvinyl Chloride (PVC) DWV 1/4 Bends | 100.59 | 35.61 |
| 22 13 16 00-0536 | EA | 6" Polyvinyl Chloride (PVC) DWV 1/4 Bends | 356.30 | 46.30 |
| 22 13 16 00-0537 | EA | 8" Polyvinyl Chloride (PVC) DWV 1/4 Bends | 584.83 | 62.34 |
| 22 13 16 00-0538 | EA | 10" Polyvinyl Chloride (PVC) DWV 1/4 Bends | 772.44 | 83.08 |

## 22 13 16 00-0539 Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0540 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends | 48.19 | 17.86 |
| 22 13 16 00-0541 | EA | 2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends | 50.47 | 22.78 |
| 22 13 16 00-0542 | EA | 3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends | 91.60 | 30.58 |
| 22 13 16 00-0543 | EA | 4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends | 143.50 | 35.61 |
| 22 13 16 00-0544 | EA | 6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends | 273.42 | 46.30 |
| 22 13 16 00-0545 | EA | 8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends | 475.91 | 62.34 |
| 22 13 16 00-0546 | EA | 10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends | 770.48 | 83.08 |

## 22 13 16 00-0547 Polyvinyl Chloride (PVC) DWV 1/8 Bends *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0548 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends | 33.67 | 17.86 |
| 22 13 16 00-0549 | EA | 2" Polyvinyl Chloride (PVC) DWV 1/8 Bends | 41.26 | 22.78 |
| 22 13 16 00-0550 | EA | 3" Polyvinyl Chloride (PVC) DWV 1/8 Bends | 66.24 | 30.58 |
| 22 13 16 00-0551 | EA | 4" Polyvinyl Chloride (PVC) DWV 1/8 Bends | 91.06 | 35.61 |
| 22 13 16 00-0552 | EA | 6" Polyvinyl Chloride (PVC) DWV 1/8 Bends | 332.03 | 46.30 |
| 22 13 16 00-0553 | EA | 8" Polyvinyl Chloride (PVC) DWV 1/8 Bends | 528.42 | 62.34 |
| 22 13 16 00-0554 | EA | 10" Polyvinyl Chloride (PVC) DWV 1/8 Bends | 606.50 | 83.08 |

## 22 13 16 00-0555 Polyvinyl Chloride (PVC) DWV Sanitary Tees *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0556 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees | 50.17 | 26.74 |
| 22 13 16 00-0557 | EA | 2" Polyvinyl Chloride (PVC) DWV Sanitary Tees | 65.73 | 34.22 |
| 22 13 16 00-0558 | EA | 3" Polyvinyl Chloride (PVC) DWV Sanitary Tees | 107.31 | 45.98 |
| 22 13 16 00-0559 | EA | 4" Polyvinyl Chloride (PVC) DWV Sanitary Tees | 153.34 | 53.46 |
| 22 13 16 00-0560 | EA | 6" Polyvinyl Chloride (PVC) DWV Sanitary Tees | 529.65 | 69.40 |
| 22 13 16 00-0561 | EA | 8" Polyvinyl Chloride (PVC) DWV Sanitary Tees | 690.28 | 93.45 |

## 22 13 16 00-0562 Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0563 | EA | 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 62.04 | 29.19 |
| 22 13 16 00-0564 | EA | 2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 72.72 | 31.65 |
| 22 13 16 00-0565 | EA | 2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 61.99 | 31.65 |
| 22 13 16 00-0566 | EA | 3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 88.70 | 39.56 |
| 22 13 16 00-0567 | EA | 3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 91.04 | 42.03 |
| 22 13 16 00-0568 | EA | 4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 106.27 | 44.48 |
| 22 13 16 00-0569 | EA | 4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 169.72 | 47.04 |
| 22 13 16 00-0570 | EA | 4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 211.24 | 50.89 |
| 22 13 16 00-0571 | EA | 6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees | 507.63 | 64.05 |

## 22 13 16 00-0572 Polyvinyl Chloride (PVC) DWV Double Sanitary Tees *(22 13 16 00-0530)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0573 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees | 83.80 | 35.61 |
| 22 13 16 00-0574 | EA | 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees | 112.85 | 45.55 |
| 22 13 16 00-0575 | EA | 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees | 216.55 | 61.27 |
| 22 13 16 00-0576 | EA | 4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees | 307.26 | 71.21 |

## 22 13 16 00-0577 Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0578 | EA | 2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee | 101.10 | 40.64 |
| | | *For Work In Restricted Working Space, Add* | *18.28* | |
| 22 13 16 00-0579 | EA | 3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee | 167.03 | 48.43 |
| | | *For Work In Restricted Working Space, Add* | *21.81* | |
| 22 13 16 00-0580 | EA | 3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee | 191.95 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| 22 13 16 00-0581 | EA | 4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee | 333.78 | 58.39 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 22 13 16 00-0582 | EA | 4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee | 352.30 | 66.18 |
| | | *For Work In Restricted Working Space, Add* | *29.83* | |

## 22 13 16 00-0583 Polyvinyl Chloride (PVC) DWV Reducers *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0584 | EA | 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers | 41.74 | 20.32 |
| 22 13 16 00-0585 | EA | 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers | 72.33 | 24.17 |
| 22 13 16 00-0586 | EA | 3" x 2" Polyvinyl Chloride (PVC) DWV Reducers | 70.21 | 26.74 |
| 22 13 16 00-0587 | EA | 4" x 2" Polyvinyl Chloride (PVC) DWV Reducers | 103.43 | 29.19 |
| 22 13 16 00-0588 | EA | 4" x 3" Polyvinyl Chloride (PVC) DWV Reducers | 112.02 | 33.14 |
| 22 13 16 00-0589 | EA | 6" x 4" Polyvinyl Chloride (PVC) DWV Reducers | 314.26 | 40.95 |
| 22 13 16 00-0590 | EA | 8" x 6" Polyvinyl Chloride (PVC) DWV Reducers | 652.22 | 54.32 |

## 22 13 16 00-0591 Polyvinyl Chloride (PVC) DWV P-Traps *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0592 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps | 59.81 | 26.74 |
| 22 13 16 00-0593 | EA | 2" Polyvinyl Chloride (PVC) DWV P-Traps | 78.19 | 34.22 |
| 22 13 16 00-0594 | EA | 3" Polyvinyl Chloride (PVC) DWV P-Traps | 202.77 | 45.98 |
| 22 13 16 00-0595 | EA | 4" Polyvinyl Chloride (PVC) DWV P-Traps | 398.85 | 53.46 |
| 22 13 16 00-0596 | EA | 6" Polyvinyl Chloride (PVC) DWV P-Traps | 667.66 | 69.40 |

## 22 13 16 00-0597 Polyvinyl Chloride (PVC) DWV Closet Flanges *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0598 | EA | 4" Polyvinyl Chloride (PVC) DWV Closet Flanges | 91.27 | 35.61 |
| 22 13 16 00-0599 | EA | 4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges | 76.16 | 33.14 |

## 22 13 16 00-0600 Polyvinyl Chloride (PVC) DWV Wyes *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0601 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV Wyes | 60.24 | 26.74 |
| 22 13 16 00-0602 | EA | 2" Polyvinyl Chloride (PVC) DWV Wyes | 71.58 | 34.22 |
| 22 13 16 00-0603 | EA | 3" Polyvinyl Chloride (PVC) DWV Wyes | 114.79 | 45.98 |
| 22 13 16 00-0604 | EA | 4" Polyvinyl Chloride (PVC) DWV Wyes | 165.58 | 53.46 |
| 22 13 16 00-0605 | EA | 6" Polyvinyl Chloride (PVC) DWV Wyes | 483.71 | 69.40 |
| 22 13 16 00-0606 | EA | 8" Polyvinyl Chloride (PVC) DWV Wyes | 603.01 | 93.45 |
| 22 13 16 00-0607 | EA | 10" Polyvinyl Chloride (PVC) DWV Wyes | 794.22 | 124.57 |

## 22 13 16 00-0608 Polyvinyl Chloride (PVC) DWV Reducing Wyes *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0609 | EA | 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes | 79.81 | 29.19 |
| 22 13 16 00-0610 | EA | 2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes | 83.23 | 31.65 |
| 22 13 16 00-0611 | EA | 3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes | 98.52 | 42.03 |
| 22 13 16 00-0612 | EA | 4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes | 139.16 | 47.04 |
| 22 13 16 00-0613 | EA | 4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes | 156.52 | 50.89 |

## 22 13 16 00-0614 Polyvinyl Chloride (PVC) DWV Double Wyes *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0615 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes | 96.37 | 35.61 |
| 22 13 16 00-0616 | EA | 2" Polyvinyl Chloride (PVC) DWV Double Wyes | 123.58 | 45.55 |
| 22 13 16 00-0617 | EA | 3" Polyvinyl Chloride (PVC) DWV Double Wyes | 234.43 | 61.27 |
| 22 13 16 00-0618 | EA | 4" Polyvinyl Chloride (PVC) DWV Double Wyes | 395.78 | 71.21 |

## 22 13 16 00-0619 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0620 | EA | 2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes | 111.32 | 40.64 |
| | | *For Work In Restricted Working Space, Add* | *18.28* | |
| 22 13 16 00-0621 | EA | 3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes | 186.27 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| 22 13 16 00-0622 | EA | 4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes | 328.16 | 66.18 |
| | | *For Work In Restricted Working Space, Add* | *29.83* | |

## 22 13 16 00-0623 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0624 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 72.81 | 26.74 |
| 22 13 16 00-0625 | EA | 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 91.19 | 34.22 |
| 22 13 16 00-0626 | EA | 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 173.73 | 45.98 |
| 22 13 16 00-0627 | EA | 4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 297.76 | 53.46 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 13 16 00-0628** | | **Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0530)* | | |
| 22 13 16 00-0629 | EA | 2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 130.14 | 31.65 |
| | | *For Work In Restricted Working Space, Add* | *14.27* | |
| 22 13 16 00-0630 | EA | 3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 202.78 | 39.56 |
| | | *For Work In Restricted Working Space, Add* | *17.80* | |
| 22 13 16 00-0631 | EA | 3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 152.74 | 42.03 |
| | | *For Work In Restricted Working Space, Add* | *18.93* | |
| 22 13 16 00-0632 | EA | 4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 270.02 | 47.04 |
| | | *For Work In Restricted Working Space, Add* | *21.17* | |
| 22 13 16 00-0633 | EA | 4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends | 292.47 | 50.89 |
| | | *For Work In Restricted Working Space, Add* | *22.94* | |
| **22 13 16 00-0634** | | **Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends** *(22 13 16 00-0530)* | | |
| 22 13 16 00-0635 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 106.12 | 35.61 |
| 22 13 16 00-0636 | EA | 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 124.66 | 45.55 |
| 22 13 16 00-0637 | EA | 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 189.68 | 61.27 |
| 22 13 16 00-0638 | EA | 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 621.79 | 71.21 |
| 22 13 16 00-0639 | EA | 6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 2,008.25 | 92.60 |
| **22 13 16 00-0640** | | **Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends** *(22 13 16 00-0530)* | | |
| 22 13 16 00-0641 | EA | 2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 233.24 | 40.64 |
| | | *For Work In Restricted Working Space, Add* | *18.28* | |
| 22 13 16 00-0642 | EA | 3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 372.11 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| 22 13 16 00-0643 | EA | 4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 631.71 | 58.39 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 22 13 16 00-0644 | EA | 4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 575.56 | 66.18 |
| | | *For Work In Restricted Working Space, Add* | *29.83* | |
| 22 13 16 00-0645 | EA | 6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends | 1,344.15 | 81.91 |
| | | *For Work In Restricted Working Space, Add* | *36.89* | |
| **22 13 16 00-0646** | | **Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug** *(22 13 16 00-0530)* | | |
| 22 13 16 00-0647 | EA | 4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug | 398.91 | 53.46 |
| 22 13 16 00-0648 | EA | 6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug | 1,030.33 | 69.40 |
| 22 13 16 00-0649 | EA | 8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug | 1,293.37 | 93.45 |
| 22 13 16 00-0650 | EA | 10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug | 1,716.50 | 124.57 |
| **22 13 16 00-0651** | | **Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug** *(22 13 16 00-0530)* | | |
| 22 13 16 00-0652 | EA | 1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug | 43.32 | 17.86 |
| 22 13 16 00-0653 | EA | 2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug | 60.98 | 22.78 |
| 22 13 16 00-0654 | EA | 3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug | 87.15 | 30.58 |
| 22 13 16 00-0655 | EA | 4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug | 150.21 | 35.61 |
| 22 13 16 00-0656 | EA | 6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug | 335.06 | 46.30 |
| **22 13 16 00-0657** | | **Polyvinyl Chloride (PVC) Couplings** *(22 13 16 00-0530)* | | |
| 22 13 16 00-0658 | EA | 1-1/2" Polyvinyl Chloride (PVC) Couplings | 31.65 | 17.86 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |
| 22 13 16 00-0659 | EA | 2" Polyvinyl Chloride (PVC) Couplings | 39.75 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 22 13 16 00-0660 | EA | 3" Polyvinyl Chloride (PVC) Couplings | 60.10 | 30.58 |
| | | *For Work In Restricted Working Space, Add* | *13.79* | |
| 22 13 16 00-0661 | EA | 4" Polyvinyl Chloride (PVC) Couplings | 76.67 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 22 13 16 00-0662 | EA | 6" Polyvinyl Chloride (PVC) Couplings | 197.59 | 46.30 |
| | | *For Work In Restricted Working Space, Add* | *20.85* | |
| 22 13 16 00-0663 | EA | 8" Polyvinyl Chloride (PVC) Couplings | 463.57 | 62.34 |
| | | *For Work In Restricted Working Space, Add* | *28.07* | |
| 22 13 16 00-0664 | EA | 10" Polyvinyl Chloride (PVC) Couplings | 698.13 | 83.08 |
| | | *For Work In Restricted Working Space, Add* | *37.43* | |
| **22 13 16 00-0665** | | **Polyvinyl Chloride (PVC) Male Adapters** *(22 13 16 00-0530)* | | |
| 22 13 16 00-0666 | EA | 1-1/2" Polyvinyl Chloride (PVC) Male Adapters | 18.34 | 8.87 |
| 22 13 16 00-0667 | EA | 2" Polyvinyl Chloride (PVC) Male Adapters | 29.33 | 11.44 |
| 22 13 16 00-0668 | EA | 3" Polyvinyl Chloride (PVC) Male Adapters | 56.91 | 15.29 |
| 22 13 16 00-0669 | EA | 4" Polyvinyl Chloride (PVC) Male Adapters | 104.48 | 17.86 |
| **22 13 16 00-0670** | | **Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe** *(22 13 16 00-0504)* | | |
| | | Note: In place piping. | | |
| 22 13 16 00-0671 | EA | 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe | 7.83 | |
| 22 13 16 00-0672 | EA | 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe | 8.62 | |
| 22 13 16 00-0673 | EA | 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe | 10.97 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0674 | EA | 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe | 14.80 | |
| 22 13 16 00-0675 | EA | 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe | 21.15 | |
| 22 13 16 00-0676 | EA | 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe | 28.21 | |
| 22 13 16 00-0677 | EA | 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe | 34.50 | |

## 22 13 16 00-0678 Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation.

## 22 13 16 00-0679 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies *(22 13 16 00-0678)*

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0680 | LF | 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 25.34 | 4.49 |
| | | *For Work In Restricted Working Space, Add* | *6.15* | |
| 22 13 16 00-0681 | LF | 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 28.15 | 5.35 |
| | | *For Work In Restricted Working Space, Add* | *6.81* | |
| 22 13 16 00-0682 | LF | 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 38.06 | 7.70 |
| | | *For Work In Restricted Working Space, Add* | *8.46* | |
| 22 13 16 00-0683 | LF | 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 43.69 | 8.34 |
| | | *For Work In Restricted Working Space, Add* | *9.40* | |
| 22 13 16 00-0684 | LF | 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly<br>Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | 71.46 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *12.50* | |

## 22 13 16 00-0685 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) *(22 13 16 00-0678)*

Note: Excludes fittings or hangers.

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0686 | LF | 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe | 9.68 | 4.49 |
| | | *For Work In Restricted Working Space, Add* | *2.00* | |
| 22 13 16 00-0687 | LF | 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe | 12.04 | 5.35 |
| | | *For Work In Restricted Working Space, Add* | *2.40* | |
| 22 13 16 00-0688 | LF | 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe | 19.82 | 7.70 |
| | | *For Work In Restricted Working Space, Add* | *3.45* | |
| 22 13 16 00-0689 | LF | 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe | 24.38 | 8.34 |
| | | *For Work In Restricted Working Space, Add* | *3.74* | |
| 22 13 16 00-0690 | LF | 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe | 38.68 | 9.61 |
| | | *For Work In Restricted Working Space, Add* | *4.32* | |

## 22 13 16 00-0691 Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) *(22 13 16 00-0678)*

## 22 13 16 00-0692 Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0693 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends | 39.50 | 17.86 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |
| 22 13 16 00-0694 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends | 52.42 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 22 13 16 00-0695 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends | 102.16 | 30.58 |
| | | *For Work In Restricted Working Space, Add* | *13.79* | |
| 22 13 16 00-0696 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends | 163.53 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 22 13 16 00-0697 | EA | 6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends | 480.31 | 46.30 |
| | | *For Work In Restricted Working Space, Add* | *20.85* | |

## 22 13 16 00-0698 Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0699 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends | 57.15 | 17.86 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |
| 22 13 16 00-0700 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends | 69.67 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 22 13 16 00-0701 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends | 144.98 | 30.58 |
| | | *For Work In Restricted Working Space, Add* | *13.79* | |
| 22 13 16 00-0702 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends | 248.74 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |

## 22 13 16 00-0703 Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0704 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends | 41.89 | 17.86 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |
| 22 13 16 00-0705 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends | 50.75 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 22 13 16 00-0706 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends | 93.37 | 30.58 |
| | | *For Work In Restricted Working Space, Add* | *13.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0707 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends | 147.32 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 22 13 16 00-0708 | EA | 6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends | 497.41 | 46.30 |
| | | *For Work In Restricted Working Space, Add* | *20.85* | |
| **22 13 16 00-0709** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0710 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees | 61.82 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *12.03* | |
| 22 13 16 00-0711 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees | 83.99 | 34.22 |
| | | *For Work In Restricted Working Space, Add* | *15.40* | |
| 22 13 16 00-0712 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees | 152.20 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 13 16 00-0713 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees | 240.13 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| 22 13 16 00-0714 | EA | 6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees | 971.17 | 69.40 |
| | | *For Work In Restricted Working Space, Add* | *31.28* | |
| **22 13 16 00-0715** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0716 | EA | 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 78.50 | 29.19 |
| | | *For Work In Restricted Working Space, Add* | *13.15* | |
| 22 13 16 00-0717 | EA | 2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 96.25 | 31.65 |
| | | *For Work In Restricted Working Space, Add* | *14.27* | |
| 22 13 16 00-0718 | EA | 2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 78.89 | 31.65 |
| | | *For Work In Restricted Working Space, Add* | *14.27* | |
| 22 13 16 00-0719 | EA | 3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 122.92 | 39.56 |
| | | *For Work In Restricted Working Space, Add* | *17.80* | |
| 22 13 16 00-0720 | EA | 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 127.25 | 42.03 |
| | | *For Work In Restricted Working Space, Add* | *18.93* | |
| 22 13 16 00-0721 | EA | 4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 297.34 | 44.48 |
| | | *For Work In Restricted Working Space, Add* | *20.05* | |
| 22 13 16 00-0722 | EA | 4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 285.76 | 47.04 |
| | | *For Work In Restricted Working Space, Add* | *21.17* | |
| 22 13 16 00-0723 | EA | 4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 328.78 | 50.89 |
| | | *For Work In Restricted Working Space, Add* | *22.94* | |
| 22 13 16 00-0724 | EA | 6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees | 1,065.50 | 64.05 |
| | | *For Work In Restricted Working Space, Add* | *28.87* | |
| **22 13 16 00-0725** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0726 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees | 119.48 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 22 13 16 00-0727 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees | 164.75 | 45.55 |
| | | *For Work In Restricted Working Space, Add* | *20.53* | |
| 22 13 16 00-0728 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees | 362.53 | 61.27 |
| | | *For Work In Restricted Working Space, Add* | *27.59* | |
| 22 13 16 00-0729 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees | 540.59 | 71.21 |
| | | *For Work In Restricted Working Space, Add* | *32.08* | |
| **22 13 16 00-0730** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0731 | EA | 2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees | 135.82 | 40.64 |
| | | *For Work In Restricted Working Space, Add* | *18.28* | |
| 22 13 16 00-0732 | EA | 3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees | 210.62 | 48.43 |
| | | *For Work In Restricted Working Space, Add* | *21.81* | |
| 22 13 16 00-0733 | EA | 3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees | 243.37 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| 22 13 16 00-0734 | EA | 4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 438.20 | 52.49 |
| | | *For Work In Restricted Working Space, Add* | *23.65* | |
| 22 13 16 00-0735 | EA | 4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees | 458.71 | 59.51 |
| | | *For Work In Restricted Working Space, Add* | *26.82* | |
| **22 13 16 00-0736** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Wyes** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0737 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes | 83.85 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *12.03* | |
| 22 13 16 00-0738 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes | 96.24 | 34.22 |
| | | *For Work In Restricted Working Space, Add* | *15.40* | |
| 22 13 16 00-0739 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes | 168.39 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 13 16 00-0740 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes | 265.44 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| 22 13 16 00-0741 | EA | 6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes | 783.99 | 69.40 |
| | | *For Work In Restricted Working Space, Add* | *31.28* | |
| **22 13 16 00-0742** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0743 | EA | 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes | 121.91 | 29.19 |
| | | *For Work In Restricted Working Space, Add* | *13.15* | |
| 22 13 16 00-0744 | EA | 2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes | 124.85 | 31.65 |
| | | *For Work In Restricted Working Space, Add* | *14.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0745 | EA | 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes | 140.36 | 42.03 |
| | | *For Work In Restricted Working Space, Add* | *18.93* | |
| 22 13 16 00-0746 | EA | 4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes | 219.42 | 47.04 |
| | | *For Work In Restricted Working Space, Add* | *21.17* | |
| 22 13 16 00-0747 | EA | 4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes | 250.34 | 50.89 |
| | | *For Work In Restricted Working Space, Add* | *22.94* | |
| 22 13 16 00-0748 | EA | 6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes | 657.83 | 64.05 |
| | | *For Work In Restricted Working Space, Add* | *28.87* | |
| **22 13 16 00-0749** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0750 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 146.52 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 22 13 16 00-0751 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 188.13 | 45.55 |
| | | *For Work In Restricted Working Space, Add* | *20.53* | |
| 22 13 16 00-0752 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 401.41 | 61.27 |
| | | *For Work In Restricted Working Space, Add* | *27.59* | |
| 22 13 16 00-0753 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 733.80 | 71.21 |
| | | *For Work In Restricted Working Space, Add* | *32.08* | |
| **22 13 16 00-0754** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0755 | EA | 2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 170.27 | 40.64 |
| | | *For Work In Restricted Working Space, Add* | *18.28* | |
| 22 13 16 00-0756 | EA | 3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 290.99 | 48.43 |
| | | *For Work In Restricted Working Space, Add* | *21.81* | |
| 22 13 16 00-0757 | EA | 3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 309.95 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| 22 13 16 00-0758 | EA | 4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 463.53 | 58.39 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 22 13 16 00-0759 | EA | 4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes | 595.89 | 66.18 |
| | | *For Work In Restricted Working Space, Add* | *29.83* | |
| **22 13 16 00-0760** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0761 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 109.98 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *12.03* | |
| 22 13 16 00-0762 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 142.15 | 34.22 |
| | | *For Work In Restricted Working Space, Add* | *15.40* | |
| 22 13 16 00-0763 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 218.62 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 13 16 00-0764 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 365.90 | 48.07 |
| | | *For Work In Restricted Working Space, Add* | *21.63* | |
| **22 13 16 00-0765** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0766 | EA | 2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 121.14 | 31.65 |
| | | *For Work In Restricted Working Space, Add* | *14.27* | |
| 22 13 16 00-0767 | EA | 3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 233.52 | 39.56 |
| | | *For Work In Restricted Working Space, Add* | *17.80* | |
| 22 13 16 00-0768 | EA | 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 171.94 | 42.03 |
| | | *For Work In Restricted Working Space, Add* | *18.93* | |
| 22 13 16 00-0769 | EA | 4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 313.04 | 47.04 |
| | | *For Work In Restricted Working Space, Add* | *21.17* | |
| 22 13 16 00-0770 | EA | 4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends | 338.99 | 50.89 |
| | | *For Work In Restricted Working Space, Add* | *22.94* | |
| **22 13 16 00-0771** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0772 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends | 232.87 | 45.55 |
| | | *For Work In Restricted Working Space, Add* | *20.53* | |
| 22 13 16 00-0773 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends | 471.22 | 61.27 |
| | | *For Work In Restricted Working Space, Add* | *27.59* | |
| **22 13 16 00-0774** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0775 | EA | 2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends | 193.27 | 40.64 |
| | | *For Work In Restricted Working Space, Add* | *18.28* | |
| 22 13 16 00-0776 | EA | 3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends | 453.00 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| **22 13 16 00-0777** | | **Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0778 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug | 122.30 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *12.03* | |
| 22 13 16 00-0779 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug | 154.46 | 34.22 |
| | | *For Work In Restricted Working Space, Add* | *15.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0780 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug | 246.14 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 13 16 00-0781 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug | 411.39 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |

### 22 13 16 00-0782 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0783 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug | 54.92 | 17.86 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |
| 22 13 16 00-0784 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug | 79.70 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 22 13 16 00-0785 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug | 115.87 | 30.58 |
| | | *For Work In Restricted Working Space, Add* | *13.79* | |
| 22 13 16 00-0786 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug | 218.01 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 22 13 16 00-0787 | EA | 6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug | 521.24 | 46.30 |
| | | *For Work In Restricted Working Space, Add* | *20.85* | |

### 22 13 16 00-0788 Acrylonitrile Butadiene Styrene (ABS) DWV Couplings *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0789 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings | 36.45 | 17.86 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |
| 22 13 16 00-0790 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings | 44.46 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 22 13 16 00-0791 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings | 73.84 | 30.58 |
| | | *For Work In Restricted Working Space, Add* | *13.79* | |
| 22 13 16 00-0792 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings | 99.39 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 22 13 16 00-0793 | EA | 6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings | 296.54 | 46.30 |
| | | *For Work In Restricted Working Space, Add* | *20.85* | |

### 22 13 16 00-0794 Acrylonitrile Butadiene Styrene (ABS) DWV Reducers *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0795 | EA | 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers | 55.09 | 20.32 |
| | | *For Work In Restricted Working Space, Add* | *9.14* | |
| 22 13 16 00-0796 | EA | 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers | 114.43 | 24.17 |
| | | *For Work In Restricted Working Space, Add* | *10.91* | |
| 22 13 16 00-0797 | EA | 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers | 105.55 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *12.03* | |
| 22 13 16 00-0798 | EA | 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers | 172.96 | 29.19 |
| | | *For Work In Restricted Working Space, Add* | *13.15* | |
| 22 13 16 00-0799 | EA | 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers | 184.81 | 33.14 |
| | | *For Work In Restricted Working Space, Add* | *14.92* | |

### 22 13 16 00-0800 Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0801 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps | 87.83 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *12.03* | |
| 22 13 16 00-0802 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps | 128.59 | 34.22 |
| | | *For Work In Restricted Working Space, Add* | *15.40* | |
| 22 13 16 00-0803 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps | 422.89 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 22 13 16 00-0804 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps | 805.31 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |

### 22 13 16 00-0805 Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0806 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges | 120.12 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 22 13 16 00-0807 | EA | 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges | 112.24 | 33.14 |
| | | *For Work In Restricted Working Space, Add* | *14.92* | |

### 22 13 16 00-0808 Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0809 | EA | 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters | 25.76 | 8.87 |
| | | *For Work In Restricted Working Space, Add* | *4.01* | |
| 22 13 16 00-0810 | EA | 2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters | 39.07 | 11.44 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| 22 13 16 00-0811 | EA | 3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters | 86.99 | 15.29 |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 22 13 16 00-0812 | EA | 4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters | 168.33 | 17.86 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |

### 22 13 16 00-0813 Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings *(22 13 16 00-0691)*

| | | | | |
|---|---|---|---|---|
| 22 13 16 00-0814 | EA | 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing | 40.71 | 20.32 |
| | | *For Work In Restricted Working Space, Add* | *9.14* | |
| 22 13 16 00-0815 | EA | 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing | 91.61 | 24.17 |
| | | *For Work In Restricted Working Space, Add* | *10.91* | |
| 22 13 16 00-0816 | EA | 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing | 75.20 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *12.03* | |
| 22 13 16 00-0817 | EA | 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing | 171.18 | 29.19 |
| | | *For Work In Restricted Working Space, Add* | *13.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0818 | EA | 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing | 123.52 | 33.14 |
| | | *For Work In Restricted Working Space, Add* | *14.92* | |
| 22 13 16 00-0819 | EA | 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing | 344.65 | 36.82 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| 22 13 16 00-0820 | | **Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings** *(22 13 16 00-0691)* | | |
| 22 13 16 00-0821 | EA | 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling | 108.00 | 17.86 |
| 22 13 16 00-0822 | EA | 2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling | 120.90 | 22.78 |
| 22 13 16 00-0823 | EA | 3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling | 138.08 | 30.58 |
| 22 13 16 00-0824 | EA | 4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling | 150.98 | 35.61 |
| 22 13 16 00-0825 | | **Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe** *(22 13 16 00-0678)* | | |
| | | Note: In place piping. | | |
| 22 13 16 00-0826 | EA | 1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe | 7.83 | |
| 22 13 16 00-0827 | EA | 2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe | 8.62 | |
| 22 13 16 00-0828 | EA | 3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe | 10.97 | |
| 22 13 16 00-0829 | EA | 4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe | 14.80 | |
| 22 13 16 00-0830 | EA | 6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe | 21.15 | |
| 22 13 16 00-0831 | | **Elastomeric Flexible Pipe Couplings** *(22 13 16)* | | |
| 22 13 16 00-0832 | | **Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings** *(22 13 16 00-0831)* | | |
| | | Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps. | | |
| 22 13 16 00-0833 | EA | 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125) | 13.12 | 4.64 |
| 22 13 16 00-0834 | EA | 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150) | 14.11 | 4.93 |
| 22 13 16 00-0835 | EA | 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22) | 14.85 | 5.23 |
| 22 13 16 00-0836 | EA | 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33) | 16.99 | 5.52 |
| 22 13 16 00-0837 | EA | 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44) | 19.06 | 5.81 |
| 22 13 16 00-0838 | EA | 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55) | 23.86 | 6.09 |
| 22 13 16 00-0839 | EA | 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66) | 28.71 | 6.38 |
| 22 13 16 00-0840 | EA | 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88) | 38.44 | 6.97 |
| 22 13 16 00-0841 | EA | 10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010) | 50.32 | 8.13 |
| 22 13 16 00-0842 | | **Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings** *(22 13 16 00-0831)* | | |
| | | Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps. | | |
| 22 13 16 00-0843 | EA | 1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125) | 13.96 | 4.93 |
| 22 13 16 00-0844 | EA | 2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215) | 15.10 | 5.23 |
| 22 13 16 00-0845 | EA | 3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315) | 18.22 | 5.52 |
| 22 13 16 00-0846 | EA | 3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32) | 16.54 | 5.52 |
| 22 13 16 00-0847 | EA | 4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415) | 22.08 | 5.81 |
| 22 13 16 00-0848 | EA | 4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42) | 21.22 | 5.81 |
| 22 13 16 00-0849 | EA | 4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43) | 19.63 | 5.81 |
| 22 13 16 00-0850 | EA | 5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53) | 27.60 | 6.09 |
| 22 13 16 00-0851 | EA | 5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54) | 25.16 | 6.09 |
| 22 13 16 00-0852 | EA | 6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63) | 33.74 | 6.38 |
| 22 13 16 00-0853 | EA | 6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64) | 30.10 | 6.38 |
| 22 13 16 00-0854 | EA | 6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65) | 31.11 | 6.38 |
| 22 13 16 00-0855 | EA | 8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84) | 60.72 | 11.61 |
| 22 13 16 00-0856 | EA | 8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86) | 50.61 | 11.61 |
| 22 13 16 00-0857 | EA | 10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8) | 63.43 | 13.06 |
| 22 13 16 00-0858 | | **Elastomeric Flexible Pipe Caps (Fernco QC)** *(22 13 16)* | | |
| | | Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp. | | |
| 22 13 16 00-0859 | EA | 1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101) | 50.51 | 31.35 |
| 22 13 16 00-0860 | EA | 2" Elastomeric Flexible Pipe Cap (Fernco QC-102) | 54.11 | 33.33 |
| 22 13 16 00-0861 | EA | 3" Elastomeric Flexible Pipe Cap (Fernco QC-103) | 62.56 | 38.20 |
| 22 13 16 00-0862 | EA | 4" Elastomeric Flexible Pipe Cap (Fernco QC-104) | 82.59 | 50.51 |
| 22 13 16 00-0863 | EA | 5" Elastomeric Flexible Pipe Cap (Fernco QC-105) | 98.95 | 60.38 |
| 22 13 16 00-0864 | EA | 6" Elastomeric Flexible Pipe Cap (Fernco QC-106) | 114.29 | 69.67 |
| 22 13 16 00-0865 | EA | 8" Elastomeric Flexible Pipe Cap (Fernco QC-108) | 152.15 | 88.25 |
| 22 13 16 00-0866 | EA | 10" Elastomeric Flexible Pipe Cap (Fernco QC-110) | 184.94 | 98.69 |
| 22 13 16 00-0867 | EA | 12" Elastomeric Flexible Pipe Cap (Fernco QC-112) | 230.58 | 109.73 |
| 22 13 16 00-0868 | | **Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series)** *(22 13 16)* | | |
| 22 13 16 00-0869 | EA | 1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess | 95.50 | 24.06 |
| 22 13 16 00-0870 | EA | 2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess | 100.84 | 26.74 |
| 22 13 16 00-0871 | EA | 3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess | 150.74 | 34.75 |
| 22 13 16 00-0872 | EA | 4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess | 176.66 | 40.09 |
| 22 13 16 00-0873 | EA | 5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess | 205.95 | 45.44 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 16 00-0874 | EA | 6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess | 345.26 | 50.79 |
| **22 13 16 00-0875** | | **Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series)** *(22 13 16)* | | |
| 22 13 16 00-0876 | EA | 1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess | 196.40 | 24.06 |
| 22 13 16 00-0877 | EA | 2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess | 201.74 | 26.74 |
| 22 13 16 00-0878 | EA | 3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess | 239.96 | 34.75 |
| 22 13 16 00-0879 | EA | 4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess | 300.07 | 40.09 |
| 22 13 16 00-0880 | EA | 5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess | 409.62 | 45.44 |
| 22 13 16 00-0881 | EA | 6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess | 420.32 | 50.79 |
| **22 13 16 00-0882** | | **Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series)** *(22 13 16)*<br>Note: Includes counterflashing collar, deep protective hood and recessed securing screws. | | |
| 22 13 16 00-0883 | EA | 1-1/2" Cast Iron Vandal Proof Hooded Vent Cap | 372.99 | 24.06 |
| 22 13 16 00-0884 | EA | 2" Cast Iron Vandal Proof Hooded Vent Cap | 378.34 | 26.74 |
| 22 13 16 00-0885 | EA | 3" Cast Iron Vandal Proof Hooded Vent Cap | 434.99 | 34.75 |
| 22 13 16 00-0886 | EA | 4" Cast Iron Vandal Proof Hooded Vent Cap | 489.69 | 40.09 |
| 22 13 16 00-0887 | EA | 5" Cast Iron Vandal Proof Hooded Vent Cap | 571.44 | 45.44 |
| 22 13 16 00-0888 | EA | 6" Cast Iron Vandal Proof Hooded Vent Cap | 624.45 | 50.79 |

## 22 13 19 Sanitary Waste Piping Specialties *(22 13)*

### 22 13 19 13 Sanitary Drains *(22 13 19)*

**22 13 19 13-0001 Round Top Floor Drains** *(22 13 19 13)*

| | | | | |
|---|---|---|---|---|
| 22 13 19 13-0002 | EA | Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet | 750.42 | 114.95 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0003 | EA | Bronze Top, 6" Round Top Floor Drain With 2" Outlet | 824.76 | 128.84 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0004 | EA | Bronze Top, 6" Round Top Floor Drain With 3" Outlet | 805.70 | 142.53 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0005 | EA | Bronze Top, 6" Round Top Floor Drain With 4" Outlet | 835.06 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0006 | EA | Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet | 754.23 | 128.84 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0007 | EA | Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet | 781.71 | 142.53 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0008 | EA | Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet | 811.07 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0009 | EA | Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet | 1,248.42 | 128.84 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0010 | EA | Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet | 1,275.90 | 142.53 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0011 | EA | Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet | 1,305.26 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0012 | EA | Bronze Top, 9" Round Top Floor Drain With 2" Outlet | 1,176.45 | 128.84 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0013 | EA | Bronze Top, 9" Round Top Floor Drain With 3" Outlet | 1,203.78 | 142.53 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0014 | EA | Bronze Top, 9" Round Top Floor Drain With 4" Outlet | 1,233.29 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0015 | EA | Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet | 1,291.48 | 128.74 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0016 | EA | Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet | 1,318.93 | 142.53 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0017 | EA | Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet | 1,348.44 | 157.29 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 19 13-0018 | EA | Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet | 2,030.35 | 128.74 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0019 | EA | Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet | 2,057.80 | 142.53 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0020 | EA | Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet | 2,087.31 | 157.29 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0021 | EA | Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet | 1,932.00 | 128.74 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0022 | EA | Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet | 1,959.45 | 142.53 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0023 | EA | Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet | 1,988.96 | 157.29 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Chained Grate, Add* | *48.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |

## 22 13 19 13-0024 Square Or Rectangular Top Drains *(22 13 19 13)*

| | | | | |
|---|---|---|---|---|
| 22 13 19 13-0025 | EA | 5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top | 890.85 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0026 | EA | 5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top | 918.60 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0027 | EA | 5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top | 947.81 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0028 | EA | 6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top | 962.82 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0029 | EA | 6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top | 990.57 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0030 | EA | 6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top | 1,019.78 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0031 | EA | 8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top | 1,279.48 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0032 | EA | 8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top | 1,307.23 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0033 | EA | 8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top | 1,336.44 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0034 | EA | 5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top | 838.08 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0035 | EA | 5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top | 865.83 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0036 | EA | 5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top | 895.04 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0037 | EA | 6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top | 929.24 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0038 | EA | 6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top | 956.99 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0039 | EA | 6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top | 986.20 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 19 13-0040 | EA | 8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top | 1,185.92 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0041 | EA | 8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top | 1,213.67 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0042 | EA | 8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top | 1,242.88 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0043 | EA | 12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top | 3,065.66 | 142.64 |
| | | *For Galvanized Cast Iron Parts, Add* | *318.00* | |
| | | *For No-Hub Side Outlet, Add* | *76.00* | |
| | | *For Chained Grate, Add* | *48.50* | |
| 22 13 19 13-0044 | EA | 12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top | 3,094.87 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *318.00* | |
| | | *For No-Hub Side Outlet, Add* | *76.00* | |
| | | *For Chained Grate, Add* | *48.50* | |
| 22 13 19 13-0045 | EA | 12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top | 3,847.72 | 142.64 |
| | | *For Galvanized Cast Iron Parts, Add* | *318.00* | |
| | | *For No-Hub Side Outlet, Add* | *76.00* | |
| | | *For Chained Grate, Add* | *48.50* | |
| 22 13 19 13-0046 | EA | 12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top | 3,876.93 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *318.00* | |
| | | *For No-Hub Side Outlet, Add* | *76.00* | |
| | | *For Chained Grate, Add* | *48.50* | |
| 22 13 19 13-0047 | EA | 12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top | 3,754.16 | 142.64 |
| | | *For Galvanized Cast Iron Parts, Add* | *318.00* | |
| | | *For No-Hub Side Outlet, Add* | *76.00* | |
| | | *For Chained Grate, Add* | *48.50* | |
| 22 13 19 13-0048 | EA | 12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top | 3,783.37 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *318.00* | |
| | | *For No-Hub Side Outlet, Add* | *76.00* | |
| | | *For Chained Grate, Add* | *48.50* | |
| 22 13 19 13-0049 | EA | 5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top | 1,298.67 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0050 | EA | 5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top | 1,326.42 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0051 | EA | 5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top | 1,355.63 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0052 | EA | 5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top | 1,670.51 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0053 | EA | 5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top | 1,698.26 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0054 | EA | 5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top | 1,727.47 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0055 | EA | 5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top | 1,756.87 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0056 | EA | 5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top | 1,784.62 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0057 | EA | 5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top | 1,813.83 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0058 | EA | 5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top | 2,426.18 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0059 | EA | 5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top | 2,453.93 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0060 | EA | 5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top | 2,483.14 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0061 | EA | 5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top | 1,221.91 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0062 | EA | 5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top | 1,249.66 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0063 | EA | 5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top | 1,278.87 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0064 | EA | 5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top | 1,538.57 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0065 | EA | 5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top | 1,566.32 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 19 13-0066 | EA | 5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top | 1,595.53 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0067 | EA | 5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top | 1,624.93 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0068 | EA | 5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top | 1,652.68 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0069 | EA | 5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top | 1,681.89 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0070 | EA | 5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top | 2,169.49 | 128.74 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0071 | EA | 5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top | 2,197.24 | 142.64 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |
| 22 13 19 13-0072 | EA | 5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top | 2,226.45 | 157.29 |
| | | *For Sediment Bucket, Add* | *22.50* | |
| | | *For Vandal Proof Screws, Add* | *11.00* | |

## 22 13 19 13-0073 Funnel Type Floor Drains *(22 13 19 13)*

| | | | | |
|---|---|---|---|---|
| 22 13 19 13-0074 | EA | 7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top | 1,225.51 | 114.95 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0075 | EA | 7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top | 1,253.09 | 128.74 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0076 | EA | 7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top | 1,280.54 | 142.53 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0077 | EA | 7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top | 1,310.05 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0078 | EA | 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top | 1,792.86 | 128.74 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0079 | EA | 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top | 1,820.31 | 142.53 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0080 | EA | 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top | 1,849.82 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0081 | EA | 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top | 1,699.30 | 128.74 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0082 | EA | 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top | 1,726.75 | 142.53 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |
| 22 13 19 13-0083 | EA | 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top | 1,756.26 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *105.00* | |
| | | *For Satin Finish Bronze Top, Deduct* | *-19.50* | |

## 22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

| | | | | |
|---|---|---|---|---|
| 22 13 19 13-0085 | EA | 12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap | 2,597.61 | 114.95 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0086 | EA | 12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap | 2,625.29 | 128.74 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0087 | EA | 12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap | 2,652.74 | 142.53 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0088 | EA | 12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap | 2,682.25 | 157.29 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0089 | EA | 12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap | 2,712.68 | 172.47 |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0090 | EA | 12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate | 2,807.61 | 128.74 |
| 22 13 19 13-0091 | EA | 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate | 2,835.36 | 142.64 |
| 22 13 19 13-0092 | EA | 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate | 2,864.57 | 157.29 |
| 22 13 19 13-0093 | EA | 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate | 2,895.00 | 172.47 |
| 22 13 19 13-0094 | EA | 12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate | 1,725.69 | 128.74 |
| 22 13 19 13-0095 | EA | 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate | 1,753.44 | 142.64 |
| 22 13 19 13-0096 | EA | 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate | 1,782.65 | 157.29 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 19 13-0097 | EA | 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate | 1,813.08 | 172.47 |
| 22 13 19 13-0098 | EA | 12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate | 2,620.50 | 128.74 |
| 22 13 19 13-0099 | EA | 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate | 2,648.25 | 142.64 |
| 22 13 19 13-0100 | EA | 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate | 2,677.46 | 157.29 |
| 22 13 19 13-0101 | EA | 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate | 2,707.89 | 172.47 |
| 22 13 19 13-0102 | | Other Drains *(22 13 19 13)* | | |
| 22 13 19 13-0103 | | Shower Drains *(22 13 19 13-0102)* | | |
| 22 13 19 13-0104 | EA | 4-1/4" Stainless Steel Shower Drain Strainer<br>Note: Includes two 2-5/8" screws. | 47.06 | 11.61 |
| 22 13 19 13-0105 | EA | 4-1/4" Brass Shower Drain Strainer<br>Note: Includes two 2-5/8" screws. | 52.24 | 11.61 |
| 22 13 19 13-0106 | EA | 4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe<br>Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe. | 108.79 | 23.22 |
| 22 13 19 13-0107 | EA | 4" Chrome Finish, Threaded Brass Shower Drain And Gasket<br>Note: For 2" pipe. Kohler K-9132. | 138.56 | 23.22 |
| 22 13 19 13-0108 | | Acid Resistant Floor Drains *(22 13 19 13-0102)* | | |
| 22 13 19 13-0109 | EA | 9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top | 1,235.01 | 114.95 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0110 | EA | 9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top | 1,262.69 | 128.74 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0111 | EA | 9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top | 1,290.14 | 142.53 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| | | *For Primer Tap, Add* | *33.50* | |
| | | *For Vandal Proof Screws, Add* | *30.50* | |
| 22 13 19 13-0112 | | Rotary And Lever Drains *(22 13 19 13-0102)* | | |
| 22 13 19 13-0113 | EA | 1-1/2" Drain, 3" Sink Opening Lever Drain | 253.28 | 77.53 |
| 22 13 19 13-0114 | EA | 2" Drain, 3" Sink Opening Lever Drain | 269.32 | 85.54 |
| 22 13 19 13-0115 | EA | 1-1/2" Drain, 3-1/2" Sink Opening Lever Drain | 253.28 | 77.53 |
| 22 13 19 13-0116 | EA | 2" Drain, 3-1/2" Sink Opening Lever Drain | 269.32 | 85.54 |
| 22 13 19 13-0117 | EA | 1-1/2" Drain, 3" Sink Opening Twist Drain | 253.28 | 77.53 |
| 22 13 19 13-0118 | EA | 2" Drain, 3" Sink Opening Twist Drain | 269.32 | 85.54 |
| 22 13 19 13-0119 | EA | 1-1/2" Drain, 3-1/2" Sink Opening Twist Drain | 253.28 | 77.53 |
| 22 13 19 13-0120 | EA | 2" Drain, 3-1/2" Sink Opening Twist Drain | 269.32 | 85.54 |
| 22 13 19 13-0121 | EA | 1-1/2"-2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100) | 345.13 | 85.54 |
| 22 13 19 13-0122 | | Floor Receptor *(22 13 19 13)* | | |
| 22 13 19 13-0123 | | 9" Diameter Round Shallow Receptor *(22 13 19 13-0122)*<br>Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top. | | |
| 22 13 19 13-0124 | EA | 9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection | 1,514.75 | 128.84 |
| 22 13 19 13-0125 | EA | 9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection | 1,542.64 | 142.74 |
| 22 13 19 13-0126 | EA | 9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection | 1,571.54 | 157.29 |
| 22 13 19 13-0127 | | Square Top Floor Receptors *(22 13 19 13-0122)*<br>Note: With acid resistant coating. | | |
| 22 13 19 13-0128 | EA | 8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top | 1,784.47 | 114.95 |
| 22 13 19 13-0129 | EA | 8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top | 1,812.17 | 128.84 |
| 22 13 19 13-0130 | EA | 8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top | 1,839.50 | 142.53 |
| 22 13 19 13-0131 | EA | 8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top | 1,869.01 | 157.29 |
| 22 13 19 13-0132 | | Floor Drain Accessories *(22 13 19 13)* | | |
| 22 13 19 13-0133 | EA | 3" Trap Guard Floor Drain Insert (ProVent TG3H)<br>Note: Prevents emission of sewer gases. | 100.28 | 13.37 |
| 22 13 19 13-0134 | EA | 2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22)<br>Note: Prevents emission of sewer gases. | 81.90 | 13.37 |
| 22 13 19 13-0135 | EA | 3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33)<br>Note: Prevents emission of sewer gases. | 89.25 | 13.37 |
| 22 13 19 13-0136 | EA | 3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP)<br>Note: Prevents emission of sewer gases. | 107.64 | 13.37 |
| 22 13 19 13-0137 | EA | 3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP)<br>Note: Prevents emission of sewer gases. | 96.61 | 13.37 |
| 22 13 19 13-0138 | EA | 2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02)<br>Note: Prevents emission of sewer gases. | 137.34 | 13.37 |
| 22 13 19 13-0139 | EA | 3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03)<br>Note: Prevents emission of sewer gases. | 152.15 | 13.37 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 19 13-0140 | EA | 4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04)<br>Note: Prevents emission of sewer gases. | 188.89 | 13.37 |

## 22 13 19 26 Grease Removal Devices *(22 13 19)*

### 22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*

Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

### 22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*

Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

| | | | | |
|---|---|---|---|---|
| 22 13 19 26-0003 | EA | 7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60102H. | 1,161.03 | 80.20 |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,318.79* | |
| 22 13 19 26-0004 | EA | 10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60103H. | 1,353.57 | 180.44 |
| | | *For Flange And Clamp Device, Add* | *380.46* | |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,393.88* | |
| 22 13 19 26-0005 | EA | 15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60104H. | 1,915.18 | 200.48 |
| | | *For Flange And Clamp Device, Add* | *393.82* | |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,522.40* | |
| 22 13 19 26-0006 | EA | 20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60105H. | 2,311.01 | 220.53 |
| | | *For Flange And Clamp Device, Add* | *407.19* | |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,645.50* | |
| 22 13 19 26-0007 | EA | 25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60106H. | 2,586.76 | 240.59 |
| | | *For Flange And Clamp Device, Add* | *450.95* | |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,713.86* | |
| 22 13 19 26-0008 | EA | 35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60107H. | 3,175.12 | 280.68 |
| | | *For Flange And Clamp Device, Add* | *488.88* | |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,886.44* | |
| 22 13 19 26-0009 | EA | 50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60108H. | 4,137.01 | 320.77 |
| | | *For Flange And Clamp Device, Add* | *556.57* | |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *2,011.98* | |
| 22 13 19 26-0010 | EA | 75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60109H. | 8,104.33 | 360.87 |
| | | *For Flange And Clamp Device, Add* | *784.58* | |
| 22 13 19 26-0011 | EA | 100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60110H. | 9,159.28 | 437.42 |
| | | *For Flange And Clamp Device, Add* | *899.61* | |
| 22 13 19 26-0012 | EA | 150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60213A. | 11,312.73 | 699.87 |
| | | *For Flange And Clamp Device, Add* | *1,234.58* | |
| 22 13 19 26-0013 | EA | 200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60214A. | 16,224.11 | 874.84 |
| | | *For Flange And Clamp Device, Add* | *1,480.51* | |
| 22 13 19 26-0014 | EA | 250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60215A. | 18,927.94 | 1,049.80 |
| | | *For Flange And Clamp Device, Add* | *1,910.11* | |
| 22 13 19 26-0015 | EA | 350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60216A,. | 24,583.84 | 1,224.77 |
| | | *For Flange And Clamp Device, Add* | *2,264.51* | |
| 22 13 19 26-0016 | EA | 500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60217A. | 31,791.70 | 1,399.74 |
| | | *For Flange And Clamp Device, Add* | *2,654.44* | |

### 22 13 19 26-0017 Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*

Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.

| | | | | |
|---|---|---|---|---|
| 22 13 19 26-0018 | EA | 20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60115A. | 3,317.27 | 220.53 |
| 22 13 19 26-0019 | EA | 35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60117A. | 4,267.14 | 280.68 |
| 22 13 19 26-0020 | EA | 50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor<br>Note: Smith 8150. | 7,023.65 | 320.77 |

### 22 13 19 26-0021 Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*

Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.

### 22 13 19 26-0022 Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0021)*

Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.

| | | | | |
|---|---|---|---|---|
| 22 13 19 26-0023 | EA | 7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60102-SA. | 2,911.82 | 80.20 |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,318.79* | |
| 22 13 19 26-0024 | EA | 10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60103-SA. | 3,423.26 | 180.44 |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,393.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 19 26-0025 | EA | 15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60104-SA. | 3,658.35 | 200.48 |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,522.40* | |
| 22 13 19 26-0026 | EA | 20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60105-SA. | 4,462.02 | 220.53 |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,645.50* | |
| 22 13 19 26-0027 | EA | 25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60106-SA. | 5,376.20 | 240.59 |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,713.86* | |
| 22 13 19 26-0028 | EA | 35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60107-SA. | 5,562.44 | 280.68 |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *1,886.44* | |
| 22 13 19 26-0029 | EA | 50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60108-SA. | 6,349.63 | 320.77 |
| | | *For Steel Enclosure Cabinet With Non Skid Cover, Add* | *2,011.98* | |

### 22 13 19 26-0030 Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0021)*

Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.

| | | | | |
|---|---|---|---|---|
| 22 13 19 26-0031 | EA | 35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor<br>Note: Josam 60115A-SA. | 7,463.15 | 280.68 |

### 22 13 19 26-0032 Automatic Cleaning Stainless Steel Grease Interceptor *(22 13 19 26)*

| | | | | |
|---|---|---|---|---|
| 22 13 19 26-0033 | EA | 20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor<br>Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper). | 6,376.75 | 220.53 |
| 22 13 19 26-0034 | EA | 25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor<br>Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper). | 7,411.60 | 240.59 |
| 22 13 19 26-0035 | EA | 35 GPM, 70 LB Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35) | 6,371.91 | 280.68 |

### 22 13 19 26-0036 Precast Concrete Grease Interceptor *(22 13 19 26)*

Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.

| | | | | |
|---|---|---|---|---|
| 22 13 19 26-0037 | EA | 1,000 Gallon Pre-Cast Grease Interceptor | 4,736.41 | 385.42 |
| 22 13 19 26-0038 | EA | 1,250 Gallon Pre-Cast Grease Interceptor | 5,413.09 | 385.42 |
| 22 13 19 26-0039 | EA | 1,500 Gallon Pre-Cast Grease Interceptor | 6,144.08 | 440.63 |
| 22 13 19 26-0040 | EA | 2,000 Gallon Pre-Cast Grease Interceptor | 7,004.88 | 622.28 |
| 22 13 19 26-0041 | EA | 2,500 Gallon Pre-Cast Grease Interceptor | 7,901.80 | 837.22 |
| 22 13 19 26-0042 | EA | 4,000 Gallon Pre-Cast Grease Interceptor | 11,835.16 | 1,101.51 |
| 22 13 19 26-0043 | EA | 5,000 Gallon Pre-Cast Grease Interceptor | 15,236.84 | 1,806.31 |

### 22 13 19 26-0044 Coated Steel Manual Oil Interceptor *(22 13 19 26)*

Note: Includes internal air relief, and flow control fitting.

| | | | | |
|---|---|---|---|---|
| 22 13 19 26-0045 | EA | 10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 4,370.01 | 305.38 |
| 22 13 19 26-0046 | EA | 15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 5,883.76 | 362.86 |
| 22 13 19 26-0047 | EA | 20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 7,125.14 | 446.47 |
| 22 13 19 26-0048 | EA | 25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 7,738.16 | 483.62 |
| 22 13 19 26-0049 | EA | 35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 9,285.14 | 527.74 |
| 22 13 19 26-0050 | EA | 50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 12,232.64 | 580.57 |
| 22 13 19 26-0051 | EA | 75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 20,511.53 | 668.29 |
| 22 13 19 26-0052 | EA | 100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 22,431.66 | 822.25 |
| 22 13 19 26-0053 | EA | 150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 27,533.44 | 891.23 |
| 22 13 19 26-0054 | EA | 200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 38,521.16 | 1,069.25 |
| 22 13 19 26-0055 | EA | 250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 44,432.16 | 1,149.45 |
| 22 13 19 26-0056 | EA | 350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 55,973.15 | 1,370.79 |
| 22 13 19 26-0057 | EA | 400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 67,551.34 | 1,123.25 |
| 22 13 19 26-0058 | EA | 500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off | 80,022.49 | 1,336.57 |

## 22 13 19 33 Backwater Valves *(22 13 19)*

### 22 13 19 33-0001 Cast Iron Body Terminal Backwater Valves *(22 13 19 33)*

| | | | | |
|---|---|---|---|---|
| 22 13 19 33-0002 | EA | 2" Cast Iron Body Terminal Backwater Valve | 346.75 | 30.68 |
| 22 13 19 33-0003 | EA | 3" Cast Iron Body Terminal Backwater Valve | 358.51 | 38.60 |
| 22 13 19 33-0004 | EA | 4" Cast Iron Body Terminal Backwater Valve | 515.36 | 51.32 |
| 22 13 19 33-0005 | EA | 6" Cast Iron Body Terminal Backwater Valve | 1,353.78 | 67.20 |
| 22 13 19 33-0006 | EA | 8" Cast Iron Body Terminal Backwater Valve | 1,657.56 | 88.44 |
| 22 13 19 33-0007 | EA | 10" Cast Iron Body Terminal Backwater Valve | 4,747.01 | 109.11 |
| 22 13 19 33-0008 | EA | 12" Cast Iron Body Terminal Backwater Valve | 5,383.49 | 141.52 |

### 22 13 19 33-0009 Cast Iron Backwater Sewer Line Valve *(22 13 19 33)*

Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.

| | | | | |
|---|---|---|---|---|
| 22 13 19 33-0010 | EA | 2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly | 866.65 | 73.15 |
| 22 13 19 33-0011 | EA | 3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly | 1,308.64 | 88.75 |
| 22 13 19 33-0012 | EA | 4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly | 1,621.44 | 114.42 |
| 22 13 19 33-0013 | EA | 6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly | 2,243.67 | 122.10 |
| 22 13 19 33-0014 | EA | 8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly | 3,098.62 | 144.68 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 19 33-0015 | | Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve *(22 13 19 33)* | | |
| | | Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections. | | |
| 22 13 19 33-0016 | EA | 3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve | 2,292.79 | 115.80 |
| 22 13 19 33-0017 | EA | 4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve | 2,350.09 | 153.97 |
| 22 13 19 33-0018 | EA | 5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve | 3,391.88 | 180.84 |
| 22 13 19 33-0019 | EA | 6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve | 3,423.31 | 201.60 |
| 22 13 19 33-0020 | | Polyvinyl Chloride (PVC) Backwater Sewer Line Valve *(22 13 19 33)* | | |
| | | Note: Oatey. | | |
| 22 13 19 33-0021 | EA | 3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900) | 129.74 | 38.60 |
| 22 13 19 33-0022 | EA | 4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904) | 156.24 | 51.32 |
| 22 13 19 33-0023 | EA | 6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908) | 438.75 | 67.20 |
| 22 13 19 33-0024 | | Polyvinyl Chloride (PVC) Extendable Backwater Valves *(22 13 19 33)* | | |
| 22 13 19 33-0025 | EA | 3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) | 303.86 | 77.20 |
| | | Note: Includes valve body, flapper assembly and collar. | | |
| 22 13 19 33-0026 | EA | 4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) | 404.62 | 102.65 |
| | | Note: Includes valve body, flapper assembly and collar. | | |
| 22 13 19 33-0027 | EA | 6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) | 681.48 | 134.40 |
| | | Note: Includes valve body, flapper assembly and collar. | | |
| **22 13 19 36** | | **Air-Admittance Valves** *(22 13 19)* | | |
| 22 13 19 36-0001 | | Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent *(22 13 19 36)* | | |
| 22 13 19 36-0002 | EA | 1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent | 144.27 | 14.97 |
| 22 13 19 36-0003 | EA | 2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent | 170.87 | 14.97 |
| **22 13 23** | | **Sanitary Waste Interceptors** *(22 13)* | | |
| 22 13 23 00-0001 | | Sediment Bucket Solids Interceptors *(22 13 23)* | | |
| 22 13 23 00-0002 | EA | 1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) | 1,137.62 | 151.41 |
| | | Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials. | | |
| 22 13 23 00-0003 | EA | 1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) | 1,139.02 | 151.41 |
| | | Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials. | | |
| 22 13 23 00-0004 | EA | 1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) | 1,594.67 | 151.41 |
| | | Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials. | | |
| 22 13 23 00-0005 | EA | 1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) | 1,594.67 | 151.41 |
| | | Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials. | | |
| 22 13 23 00-0006 | EA | 1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) | 1,697.83 | 151.41 |
| | | Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials. | | |
| 22 13 23 00-0007 | | Solid Interceptors, Cast Iron With Internal Deep Seal Trap *(22 13 23)* | | |
| 22 13 23 00-0008 | EA | 1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel | 326.12 | 51.78 |
| 22 13 23 00-0009 | EA | 2" Inlet Cast Iron Solid Interceptor, Painted Enamel | 332.74 | 55.16 |
| 22 13 23 00-0010 | | Sediment Strainers *(22 13 23)* | | |
| 22 13 23 00-0011 | EA | 2" Strainer, Pump Suction Side | 161.31 | 70.57 |
| **22 13 29** | | **Sanitary Sewerage Pumps** *(22 13)* | | |
| | | Note: Includes extra set of gaskets, bearings and seals. | | |
| **22 13 29 13** | | **Wet-Pit-Mounted, Vertical Sewerage Pumps** *(22 13 29)* | | |
| 22 13 29 13-0001 | | Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-Deming Series 4500) *(22 13 29 13)* | | |
| | | Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover. | | |
| 22 13 29 13-0002 | | 1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)* | | |
| 22 13 29 13-0003 | EA | 1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM | 6,087.08 | 1,282.67 |
| 22 13 29 13-0004 | EA | 3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM | 6,303.54 | 1,282.67 |
| 22 13 29 13-0005 | EA | 1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM | 6,520.00 | 1,282.67 |
| 22 13 29 13-0006 | EA | 1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM | 6,726.47 | 1,282.67 |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 22 13 29 13-0007 | | | 2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)* | | |
| | 22 13 29 13-0008 | EA | 3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM | 6,686.51 | 1,282.67 |
| | 22 13 29 13-0009 | EA | 1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM | 6,769.77 | 1,282.67 |
| | 22 13 29 13-0010 | EA | 2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM | 6,828.05 | 1,282.67 |
| | 22 13 29 13-0011 | EA | 3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM | 7,227.67 | 1,282.67 |
| | 22 13 29 13-0012 | EA | 5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM | 7,618.97 | 1,282.67 |
| | 22 13 29 13-0013 | EA | 7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM | 8,218.40 | 1,282.67 |
| | 22 13 29 13-0014 | EA | 10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM | 8,817.84 | 1,282.67 |
| | 22 13 29 13-0015 | EA | 15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM | 10,265.86 | 1,706.96 |
| 22 13 29 13-0016 | | | 3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)* | | |
| | 22 13 29 13-0017 | EA | 2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM | 7,103.67 | 1,282.67 |
| | 22 13 29 13-0018 | EA | 3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM | 7,103.67 | 1,282.67 |
| | 22 13 29 13-0019 | EA | 5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM | 7,247.92 | 1,282.67 |
| | 22 13 29 13-0020 | EA | 7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM | 8,367.13 | 1,282.67 |
| | 22 13 29 13-0021 | EA | 10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM | 8,563.46 | 1,282.67 |
| | 22 13 29 13-0022 | EA | 15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM | 10,334.92 | 1,706.96 |
| | 22 13 29 13-0023 | EA | 20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM | 10,834.45 | 1,706.96 |
| 22 13 29 13-0024 | | | Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)* | | |
| | 22 13 29 13-0025 | EA | 2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps | 544.22 | |
| | 22 13 29 13-0026 | EA | 3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps | 653.44 | |
| | 22 13 29 13-0027 | EA | 4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps | 730.37 | |
| | 22 13 29 13-0028 | EA | 5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps | 743.67 | |
| | 22 13 29 13-0029 | EA | 6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps | 834.84 | |
| 22 13 29 13-0030 | | | Float Switches *(22 13 29 13-0001)* | | |
| | | | Note: Copper coated floats, brass rods and stops and switch brackets. | | |
| | 22 13 29 13-0031 | EA | Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps | 489.13 | |
| | 22 13 29 13-0032 | EA | Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps | 513.82 | |
| | 22 13 29 13-0033 | EA | Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps | 525.22 | |
| 22 13 29 13-0034 | | | Square Or Round Steel Sump Covers *(22 13 29 13-0001)* | | |
| | 22 13 29 13-0035 | EA | 24" Steel Sump Covers, Square Or Round | 707.47 | 42.77 |
| | 22 13 29 13-0036 | EA | 30" Steel Sump Covers, Square Or Round | 783.31 | 48.12 |
| | 22 13 29 13-0037 | EA | 36" Steel Sump Covers, Square Or Round | 1,086.43 | 64.16 |
| | 22 13 29 13-0038 | EA | 40" Steel Sump Covers, Square Or Round | 1,573.11 | 74.85 |
| | 22 13 29 13-0039 | EA | 42" Steel Sump Covers, Square Or Round | 1,685.93 | 77.53 |
| | 22 13 29 13-0040 | EA | 48" Steel Sump Covers, Square Or Round | 1,802.29 | 80.20 |
| | 22 13 29 13-0041 | EA | 54" Steel Sump Covers, Square Or Round | 2,294.73 | 96.23 |
| | 22 13 29 13-0042 | EA | 60" Steel Sump Covers, Square Or Round | 3,103.92 | 106.92 |
| | 22 13 29 13-0043 | EA | 72" Steel Sump Covers, Square Or Round | 3,936.09 | 133.66 |
| | 22 13 29 13-0044 | EA | 84" Steel Sump Covers, Square Or Round | 4,999.11 | 147.02 |
| **22 13 29 16** | | | **Submersible Sewerage Pumps** *(22 13 29)* | | |
| 22 13 29 16-0001 | | | Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)* | | |
| 22 13 29 16-0002 | | | Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)* | | |
| | | | Note: Includes 25' cord. | | |
| | 22 13 29 16-0003 | EA | 1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 1,168.17 | 77.80 |
| | 22 13 29 16-0004 | EA | 1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 1,241.99 | 77.80 |
| | 22 13 29 16-0005 | EA | 1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 1,219.27 | 77.80 |
| | 22 13 29 16-0006 | EA | 1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 1,328.10 | 77.80 |
| | 22 13 29 16-0007 | EA | 1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 1,328.10 | 77.80 |
| | 22 13 29 16-0008 | EA | 1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 1,414.55 | 97.24 |
| | 22 13 29 16-0009 | EA | 1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 1,511.08 | 97.24 |
| | 22 13 29 16-0010 | EA | 1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 1,523.38 | 97.24 |
| 22 13 29 16-0011 | | | Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)* | | |
| | | | Note: Includes 20' cord. | | |
| | 22 13 29 16-0012 | EA | 1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,188.99 | 77.80 |
| | 22 13 29 16-0013 | EA | 1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,294.98 | 77.80 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 29 16-0014 | EA | 1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,244.82 | 77.80 |
| 22 13 29 16-0015 | EA | 1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,347.03 | 77.80 |
| 22 13 29 16-0016 | EA | 1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,438.83 | 77.80 |
| 22 13 29 16-0017 | EA | 1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,355.88 | 97.24 |
| 22 13 29 16-0018 | EA | 1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,465.66 | 97.24 |
| 22 13 29 16-0019 | EA | 1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,464.71 | 97.24 |
| 22 13 29 16-0020 | EA | 1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,707.02 | 156.76 |
| 22 13 29 16-0021 | EA | 1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,799.76 | 156.76 |
| 22 13 29 16-0022 | EA | 1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,815.85 | 156.76 |
| 22 13 29 16-0023 | EA | 2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,844.89 | 191.59 |
| 22 13 29 16-0024 | EA | 2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,950.88 | 191.59 |
| 22 13 29 16-0025 | EA | 2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,953.72 | 191.59 |
| 22 13 29 16-0026 | | **Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller** *(22 13 29 16-0001)* | | |
| | | Note: Includes 20' cord. | | |
| 22 13 29 16-0027 | EA | 1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,400.97 | 77.80 |
| 22 13 29 16-0028 | EA | 1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,580.78 | 77.80 |
| 22 13 29 16-0029 | EA | 1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller | 1,557.45 | 97.24 |
| 22 13 29 16-0030 | EA | 1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller | 1,666.28 | 97.24 |
| 22 13 29 16-0031 | EA | 1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 1,923.73 | 156.76 |
| 22 13 29 16-0032 | EA | 1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 2,032.56 | 156.76 |
| 22 13 29 16-0033 | EA | 2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 2,062.55 | 191.59 |
| 22 13 29 16-0034 | EA | 2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller | 2,171.38 | 191.59 |
| 22 13 29 16-0035 | | **Submersible Sewage Pumps With Semi-Open Impeller** *(22 13 29 16)* | | |
| | | Note: Includes 25' of cord with pump. | | |
| 22 13 29 16-0036 | EA | 1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 3,572.29 | 97.24 |
| 22 13 29 16-0037 | EA | 1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 3,811.37 | 148.60 |
| 22 13 29 16-0038 | EA | 2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 4,090.41 | 181.62 |
| 22 13 29 16-0039 | EA | 3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 4,287.72 | 220.15 |
| 22 13 29 16-0040 | EA | 5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 4,814.70 | 258.68 |
| 22 13 29 16-0041 | EA | 7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Ironl Housing And Semi-Open Impeller | 5,380.25 | 297.20 |
| 22 13 29 16-0042 | | **Submersible Sewage Pumps, Explosion Proof** *(22 13 29 16)* | | |
| | | Note: Includes 25' of cord with pump. | | |
| 22 13 29 16-0043 | EA | 1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 5,985.83 | 348.49 |
| 22 13 29 16-0044 | EA | 1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 5,529.57 | 348.49 |
| 22 13 29 16-0045 | EA | 1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 5,529.57 | 348.49 |
| 22 13 29 16-0046 | EA | 1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 6,305.60 | 464.64 |
| 22 13 29 16-0047 | EA | 1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 5,849.34 | 464.64 |
| 22 13 29 16-0048 | EA | 1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 5,849.34 | 464.64 |
| 22 13 29 16-0049 | EA | 2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 6,719.49 | 580.80 |
| 22 13 29 16-0050 | EA | 2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 6,263.22 | 580.80 |
| 22 13 29 16-0051 | EA | 2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 6,263.22 | 580.80 |
| 22 13 29 16-0052 | EA | 3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 7,044.95 | 696.97 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 29 16-0053 | EA | 3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 6,588.69 | 696.97 |
| 22 13 29 16-0054 | EA | 3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 6,588.69 | 696.97 |
| 22 13 29 16-0055 | EA | 5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 7,795.33 | 813.13 |
| 22 13 29 16-0056 | EA | 5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 7,339.07 | 813.13 |
| 22 13 29 16-0057 | EA | 5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 7,339.07 | 813.13 |
| 22 13 29 16-0058 | EA | 7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 8,099.89 | 929.29 |
| 22 13 29 16-0059 | EA | 7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller | 8,099.89 | 929.29 |

## 22 13 29 16-0060 Submersible Sewage Pump Accessories *(22 13 29 16)*

| | | | | |
|---|---|---|---|---|
| 22 13 29 16-0061 | EA | Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump<br>Note: Includes alarm horn, warning light and alarm float switch. | 574.58 | 82.49 |
| 22 13 29 16-0062 | EA | Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump<br>Note: Includes alarm horn, warning light, and alarm float switch. | 592.66 | 82.49 |
| 22 13 29 16-0063 | EA | Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump<br>Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches. | 1,153.09 | 109.99 |
| 22 13 29 16-0064 | EA | Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump<br>Note: Includes alarm horn and warning light. Control float switches not included. | 1,616.03 | 109.99 |
| 22 13 29 16-0065 | EA | Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors<br>Note: Includes alarm horn and warning light. Control float switches not included. | 3,708.19 | 109.99 |
| 22 13 29 16-0066 | EA | Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors<br>Note: Includes alarm horn and warning light. Control float switches not included. | 3,878.66 | 109.99 |
| 22 13 29 16-0067 | EA | Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors<br>Note: Includes alarm horn and warning light. Control float switches not included. | 6,191.71 | 137.49 |
| 22 13 29 16-0068 | EA | Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors<br>Note: Includes alarm horn and warning light. Control float switches not included. | 5,221.96 | 137.49 |
| 22 13 29 16-0069 | EA | Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps<br>Note: Includes alarm horn, warning light, and three 20' float switches. | 1,283.13 | 137.49 |
| 22 13 29 16-0070 | EA | Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps<br>Note: Includes alarm horn, warning light, and three 20' float switches. | 1,409.72 | 137.49 |
| 22 13 29 16-0071 | EA | Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps<br>Note: Includes alarm horn, warning light, and three 20' float switches. | 1,354.56 | 137.49 |
| 22 13 29 16-0072 | EA | Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps<br>Note: Includes alarm horn, warning light, and three 20' float switches. | 1,468.64 | 137.49 |
| 22 13 29 16-0073 | EA | Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps<br>Note: Includes alarm horn and warning light. Float switches not included.. | 2,487.58 | 137.49 |
| 22 13 29 16-0074 | EA | Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure<br>Note: Includes alarm horn, warning light and 15' tethered float. | 472.57 | 54.99 |
| 22 13 29 16-0075 | EA | Variable Level (Clamp Type) Float Switch With 15' Cord<br>Note: Not for use with Intrinsically Safe Control Systems. | 94.77 | 27.50 |
| 22 13 29 16-0076 | EA | Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only | 112.33 | 27.50 |
| 22 13 29 16-0077 | EA | Variable Level (Adjustable Weight Type) Float Switch With 25' Cord<br>Note: Not for use with Intrinsically Safe Control Systems. | 119.08 | 27.50 |
| 22 13 29 16-0078 | EA | Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only | 125.33 | 27.50 |
| 22 13 29 16-0079 | EA | Float Switch Tree With (3) 15' Floats<br>Note: Not for use with Intrinsically Safe Control Systems. | 340.01 | 27.50 |
| 22 13 29 16-0080 | EA | Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only | 386.63 | 27.50 |
| 22 13 29 16-0081 | EA | Float Switch Tree And (4) Floats With 15' Cords<br>Note: Not for use with Intrinsically Safe Control Systems. | 377.63 | 27.50 |
| 22 13 29 16-0082 | EA | Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only | 439.53 | 27.50 |
| 22 13 29 16-0083 | EA | Float Switch Tree<br>Note: Tree only. | 184.94 | 27.50 |
| 22 13 29 16-0084 | EA | Adjustable Weight For Float Switch | 51.34 | 13.75 |
| 22 13 29 16-0085 | EA | Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge<br>Note: Lifting equipment not included. | 958.66 | 82.49 |
| 22 13 29 16-0086 | EA | Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge<br>Note: Lifting equipment not included. | 1,497.40 | 109.99 |
| 22 13 29 16-0087 | EA | Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge<br>Note: Lifting equipment not included. | 1,954.04 | 137.49 |
| 22 13 29 16-0088 | EA | Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge | 2,126.46 | 82.49 |
| 22 13 29 16-0089 | EA | Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge | 2,997.59 | 82.49 |
| 22 13 29 16-0090 | EA | Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System | 284.95 | 54.99 |
| 22 13 29 16-0091 | EA | Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems | 494.00 | 68.75 |
| 22 13 29 16-0092 | EA | Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems | 498.93 | 82.49 |
| 22 13 29 16-0093 | EA | 12' Stainless Steel Lifting Cable | 140.59 | 27.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 13 29 16-0094 | EA | Disconnect Fitting For 2" Horizontal Discharge<br>Note: Used for shallow systems where guide rails are not necessary. | 270.40 | 27.50 |

### 22 13 29 33 Sewerage Pump Basins *(22 13 29)*

#### 22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

#### 22 13 29 33-0002 High Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*

| | | | | |
|---|---|---|---|---|
| 22 13 29 33-0003 | EA | 18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub | 113.91 | |
| 22 13 29 33-0004 | EA | 18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub | 143.92 | |
| 22 13 29 33-0005 | EA | 24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub | 304.64 | |
| 22 13 29 33-0006 | EA | 24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub | 420.97 | |
| 22 13 29 33-0007 | EA | 30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub | 537.30 | |
| 22 13 29 33-0008 | EA | 36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub | 622.80 | |

#### 22 13 29 33-0009 Fiberglass Basin *(22 13 29 33-0001)*

| | | | | |
|---|---|---|---|---|
| 22 13 29 33-0010 | EA | 18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub | 356.78 | |
| 22 13 29 33-0011 | EA | 24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub | 724.84 | |
| 22 13 29 33-0012 | EA | 30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub | 1,301.20 | |
| 22 13 29 33-0013 | EA | 36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub | 1,751.30 | |
| 22 13 29 33-0014 | EA | 36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub | 2,017.89 | |
| 22 13 29 33-0015 | EA | 36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub | 2,131.18 | |
| 22 13 29 33-0016 | EA | 36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub | 2,503.56 | |
| 22 13 29 33-0017 | EA | 48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub | 2,907.19 | |

## 22 14 Facility Storm Drainage *(22 10)*

### 22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

### 22 14 26 Facility Storm Drains *(22 14)*

### 22 14 26 13 Roof Drains *(22 14 26)*

#### 22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

#### 22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*

Note: Dome free area is 124 square inches.

| | | | | |
|---|---|---|---|---|
| 22 14 26 13-0003 | EA | 15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome | 909.55 | 178.24 |
| 22 14 26 13-0004 | EA | 15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome | 998.65 | 213.85 |
| 22 14 26 13-0005 | EA | 15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome | 1,087.75 | 267.31 |
| 22 14 26 13-0006 | EA | 15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome | 1,459.02 | 320.77 |
| 22 14 26 13-0007 | EA | 15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome | 1,503.56 | 356.38 |
| 22 14 26 13-0008 | EA | 15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome | 1,774.99 | 374.24 |
| 22 14 26 13-0009 | EA | 15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome | 2,394.75 | 387.61 |

#### 22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

| | | | | |
|---|---|---|---|---|
| 22 14 26 13-0011 | EA | 15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome | 1,426.76 | 178.24 |
| 22 14 26 13-0012 | EA | 15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome | 1,551.99 | 213.85 |
| 22 14 26 13-0013 | EA | 15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome | 1,711.44 | 267.31 |
| 22 14 26 13-0014 | EA | 15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome | 2,366.04 | 320.77 |
| 22 14 26 13-0015 | EA | 15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome | 2,541.78 | 356.38 |

#### 22 14 26 13-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top *(22 14 26 13-0001)*

| | | | | |
|---|---|---|---|---|
| 22 14 26 13-0017 | EA | 14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top | 1,935.98 | 178.24 |
| 22 14 26 13-0018 | EA | 14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top | 2,025.08 | 213.85 |
| 22 14 26 13-0019 | EA | 14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top | 2,114.18 | 267.31 |
| 22 14 26 13-0020 | EA | 14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top | 2,470.25 | 320.77 |
| 22 14 26 13-0021 | EA | 14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top | 2,514.79 | 356.38 |

#### 22 14 26 13-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate *(22 14 26 13-0001)*

| | | | | |
|---|---|---|---|---|
| 22 14 26 13-0023 | EA | Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate | 1,248.84 | 71.32 |
| | | *For Vandal Proof Grate, Add* | *33.00* | |
| 22 14 26 13-0024 | EA | Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate | 1,284.48 | 89.07 |
| | | *For Vandal Proof Grate, Add* | *33.00* | |
| 22 14 26 13-0025 | EA | Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate | 1,300.68 | 97.20 |
| | | *For Vandal Proof Grate, Add* | *33.00* | |
| 22 14 26 13-0026 | EA | Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate | 1,829.61 | 128.84 |
| | | *For Vandal Proof Grate, Add* | *33.00* | |
| 22 14 26 13-0027 | EA | Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate | 1,886.45 | 157.29 |
| | | *For Vandal Proof Grate, Add* | *33.00* | |

#### 22 14 26 13-0028 Cast Iron Roof Drain With Flat Cast Iron Grate *(22 14 26 13-0001)*

| | | | | |
|---|---|---|---|---|
| 22 14 26 13-0029 | EA | 9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top | 996.99 | 178.24 |
| 22 14 26 13-0030 | EA | 9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top | 1,086.09 | 213.85 |
| 22 14 26 13-0031 | EA | 9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top | 1,175.19 | 267.31 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 14 26 13-0032 | | Cast Iron Roof Drains With Large Cast Iron Dome *(22 14 26 13-0001)* | | |
| 22 14 26 13-0033 | EA | 15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome | 1,073.02 | 178.24 |
| 22 14 26 13-0034 | EA | 15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome | 1,162.12 | 213.85 |
| 22 14 26 13-0035 | EA | 15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome | 1,251.22 | 267.31 |
| 22 14 26 13-0036 | EA | 15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome | 1,622.49 | 320.77 |
| 22 14 26 13-0037 | EA | 15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome | 1,667.03 | 356.38 |
| 22 14 26 13-0038 | EA | 15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome | 1,938.46 | 374.24 |
| 22 14 26 13-0039 | EA | 15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome | 2,558.22 | 387.61 |
| 22 14 26 13-0040 | | Aluminum Roof Drains *(22 14 26 13)* | | |
| 22 14 26 13-0041 | | Aluminum Dome Roof Drains *(22 14 26 13-0040)* | | |
| 22 14 26 13-0042 | EA | 15" Diameter Roof Drain With 2" Outlet, Aluminum Dome | 1,101.53 | 178.24 |
| 22 14 26 13-0043 | EA | 15" Diameter Roof Drain With 3" Outlet, Aluminum Dome | 1,190.63 | 213.85 |
| 22 14 26 13-0044 | EA | 15" Diameter Roof Drain With 4" Outlet, Aluminum Dome | 1,279.73 | 267.31 |
| 22 14 26 13-0045 | EA | 15" Diameter Roof Drain With 6" Outlet, Aluminum Dome | 1,695.54 | 356.06 |
| 22 14 26 13-0046 | EA | 15" Diameter Roof Drain With 8" Outlet, Aluminum Dome | 1,967.19 | 374.24 |
| 22 14 26 13-0047 | EA | 15" Diameter Roof Drain With 10" Outlet, Aluminum Dome | 2,586.73 | 387.61 |
| 22 14 26 13-0048 | | Retrofit Roof Drains *(22 14 26 13)* | | |
| 22 14 26 13-0049 | | Copolymer Retrofit Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)* | | |
| 22 14 26 13-0050 | EA | Copolymer Retrofit 3" Roof Drains, With Copolymer Dome | 786.25 | 213.85 |
| 22 14 26 13-0051 | EA | Copolymer Retrofit 4" Roof Drains, With Copolymer Dome | 888.46 | 267.31 |
| 22 14 26 13-0052 | EA | Copolymer Retrofit 5" Roof Drains, With Copolymer Dome | 1,074.55 | 320.77 |
| 22 14 26 13-0053 | EA | Copolymer Retrofit 6" Roof Drains, With Copolymer Dome | 1,171.51 | 356.06 |
| 22 14 26 13-0054 | | Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)* | | |
| 22 14 26 13-0055 | EA | Copolymer Retrofit Drain, 3", With Cast Aluminum Dome | 904.20 | 213.85 |
| 22 14 26 13-0056 | EA | Copolymer Retrofit Drain, 4", With Cast Aluminum Dome | 1,001.16 | 267.31 |
| 22 14 26 13-0057 | EA | Copolymer Retrofit Drain, 5", With Cast Aluminum Dome | 1,195.11 | 320.77 |
| 22 14 26 13-0058 | EA | Copolymer Retrofit Drain, 6", With Cast Aluminum Dome | 1,255.38 | 356.06 |
| 22 14 26 13-0059 | | Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)* | | |
| 22 14 26 13-0060 | EA | Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome | 791.49 | 213.85 |
| 22 14 26 13-0061 | EA | Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome | 893.70 | 267.31 |
| 22 14 26 13-0062 | EA | Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome | 1,079.79 | 320.77 |
| 22 14 26 13-0063 | EA | Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome | 1,134.81 | 356.06 |
| 22 14 26 13-0064 | | Bronze Downspout Nozzles *(22 14 26 13)* | | |
| 22 14 26 13-0065 | EA | 2" Outlet, Bronze Roof Drain Downspout Nozzle | 470.23 | 106.92 |
| 22 14 26 13-0066 | EA | 3" Outlet, Bronze Roof Drain Downspout Nozzle | 470.23 | 106.92 |
| 22 14 26 13-0067 | EA | 4" Outlet, Bronze Roof Drain Downspout Nozzle | 470.23 | 106.92 |
| 22 14 26 13-0068 | EA | 5" Outlet, Bronze Roof Drain Downspout Nozzle | 728.92 | 133.66 |
| 22 14 26 13-0069 | EA | 6" Outlet, Bronze Roof Drain Downspout Nozzle | 728.92 | 133.66 |
| 22 14 26 13-0070 | EA | 8" Outlet, Bronze Roof Drain Downspout Nozzle | 943.83 | 133.66 |
| **22 14 26 16** | | **Facility Area Drains** *(22 14 26)* | | |
| 22 14 26 16-0001 | | Area Drain *(22 14 26 16)* | | |
| 22 14 26 16-0002 | EA | 12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,807.61 | 128.74 |
| 22 14 26 16-0003 | EA | 12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,835.36 | 142.64 |
| 22 14 26 16-0004 | EA | 12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,864.57 | 157.29 |
| 22 14 26 16-0005 | EA | 12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,895.00 | 172.47 |
| 22 14 26 16-0006 | EA | 12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 1,725.69 | 128.74 |
| 22 14 26 16-0007 | EA | 12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 1,753.44 | 142.64 |
| 22 14 26 16-0008 | EA | 12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 1,782.65 | 157.29 |
| 22 14 26 16-0009 | EA | 12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 1,813.08 | 172.47 |
| 22 14 26 16-0010 | EA | 12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,620.50 | 128.74 |
| 22 14 26 16-0011 | EA | 12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,648.25 | 142.64 |
| 22 14 26 16-0012 | EA | 12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,677.46 | 157.29 |
| 22 14 26 16-0013 | EA | 12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,707.89 | 172.47 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 14 26 16-0014 | EA | 16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 5,667.16 | 128.74 |
| 22 14 26 16-0015 | EA | 16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 5,694.91 | 142.64 |
| 22 14 26 16-0016 | EA | 16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 5,724.12 | 157.29 |
| 22 14 26 16-0017 | EA | 16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 5,754.55 | 172.47 |
| 22 14 26 16-0018 | EA | 16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,764.43 | 128.74 |
| 22 14 26 16-0019 | EA | 16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,792.18 | 142.64 |
| 22 14 26 16-0020 | EA | 16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,821.39 | 157.29 |
| 22 14 26 16-0021 | EA | 16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 2,851.82 | 172.47 |
| 22 14 26 16-0022 | EA | 16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 5,372.09 | 128.74 |
| 22 14 26 16-0023 | EA | 16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 5,399.84 | 142.64 |
| 22 14 26 16-0024 | EA | 16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 5,429.05 | 157.29 |
| 22 14 26 16-0025 | EA | 16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer | 5,459.48 | 172.47 |
| 22 14 26 16-0026 | EA | 9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 1,248.30 | 128.74 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0027 | EA | 9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 1,276.05 | 142.64 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0028 | EA | 9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 1,305.26 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0029 | EA | 9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 754.11 | 128.74 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0030 | EA | 9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 781.86 | 142.64 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0031 | EA | 9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 811.07 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0032 | EA | 9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 1,176.33 | 128.74 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0033 | EA | 9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 1,204.08 | 142.64 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0034 | EA | 9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots | 1,233.29 | 157.29 |
| | | *For Galvanized Cast Iron Parts, Add* | *87.50* | |
| 22 14 26 16-0035 | EA | 12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 3,774.39 | 128.74 |
| 22 14 26 16-0036 | EA | 12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 3,802.14 | 142.64 |
| 22 14 26 16-0037 | EA | 12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 3,831.35 | 157.29 |
| 22 14 26 16-0038 | EA | 12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 2,452.57 | 128.74 |
| 22 14 26 16-0039 | EA | 12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 2,480.32 | 142.64 |
| 22 14 26 16-0040 | EA | 12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 2,509.53 | 157.29 |
| 22 14 26 16-0041 | EA | 12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 3,544.09 | 128.74 |
| 22 14 26 16-0042 | EA | 12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 3,571.84 | 142.64 |
| 22 14 26 16-0043 | EA | 12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer | 3,601.05 | 157.29 |

## 22 14 26 19 Facility Trench Drains *(22 14 26)*

22 14 26 19-0001 Trench Drain *(22 14 26 19)*

Note: Each section is 39.4" in length.

| | | | | |
|---|---|---|---|---|
| 22 14 26 19-0002 | EA | 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,066.42 | 128.74 |
| 22 14 26 19-0003 | EA | 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,094.17 | 142.64 |
| 22 14 26 19-0004 | EA | 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,123.38 | 157.29 |
| 22 14 26 19-0005 | EA | 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 648.66 | 128.74 |
| 22 14 26 19-0006 | EA | 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 676.41 | 142.64 |
| 22 14 26 19-0007 | EA | 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 705.62 | 157.29 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 14 26 19-0008 | EA | 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,009.49 | 128.74 |
| 22 14 26 19-0009 | EA | 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,037.24 | 142.64 |
| 22 14 26 19-0010 | EA | 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,066.45 | 157.29 |
| 22 14 26 19-0011 | EA | 6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 937.12 | 64.16 |
| 22 14 26 19-0012 | EA | 6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 519.36 | 64.16 |
| 22 14 26 19-0013 | EA | 6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 880.19 | 64.16 |
| 22 14 26 19-0014 | EA | 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,691.68 | 128.74 |
| 22 14 26 19-0015 | EA | 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,719.43 | 142.64 |
| 22 14 26 19-0016 | EA | 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,748.64 | 157.29 |
| 22 14 26 19-0017 | EA | 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,174.76 | 128.74 |
| 22 14 26 19-0018 | EA | 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,202.51 | 142.64 |
| 22 14 26 19-0019 | EA | 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,231.72 | 157.29 |
| 22 14 26 19-0020 | EA | 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,620.98 | 128.74 |
| 22 14 26 19-0021 | EA | 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,648.73 | 142.64 |
| 22 14 26 19-0022 | EA | 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,677.94 | 157.29 |
| 22 14 26 19-0023 | EA | 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,416.24 | 128.74 |
| 22 14 26 19-0024 | EA | 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,443.99 | 142.64 |
| 22 14 26 19-0025 | EA | 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,473.20 | 157.29 |
| 22 14 26 19-0026 | EA | 12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,562.36 | 64.16 |
| 22 14 26 19-0027 | EA | 12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,045.44 | 64.16 |
| 22 14 26 19-0028 | EA | 12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,491.66 | 64.16 |
| 22 14 26 19-0029 | EA | 12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots | 1,286.92 | 64.16 |

## 22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

### 22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

#### 22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

| | | | | |
|---|---|---|---|---|
| 22 14 29 13-0002 | EA | 1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head | 5,054.62 | 310.25 |
| | | *For Explosion Proof Motor, Add* | *274.20* | |
| 22 14 29 13-0003 | EA | 1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head | 5,368.57 | 375.51 |
| | | *For Explosion Proof Motor, Add* | *304.83* | |
| 22 14 29 13-0004 | EA | 2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head | 6,142.46 | 446.12 |
| | | *For Explosion Proof Motor, Add* | *393.80* | |
| 22 14 29 13-0005 | EA | 3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head | 6,590.05 | 548.82 |
| | | *For Explosion Proof Motor, Add* | *446.30* | |
| 22 14 29 13-0006 | EA | 5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head | 6,967.93 | 594.83 |
| | | *For Explosion Proof Motor, Add* | *651.95* | |
| 22 14 29 13-0007 | EA | 10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head | 8,267.26 | 713.58 |
| | | *For Explosion Proof Motor, Add* | *739.46* | |
| 22 14 29 13-0008 | EA | 15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head | 9,620.69 | 738.98 |
| | | *For Explosion Proof Motor, Add* | *1,212.01* | |
| 22 14 29 13-0009 | EA | 20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head | 11,505.20 | 851.84 |
| | | *For Explosion Proof Motor, Add* | *1,608.73* | |
| 22 14 29 13-0010 | EA | 30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head | 12,451.22 | 993.45 |
| | | *For Explosion Proof Motor, Add* | *2,085.66* | |
| 22 14 29 13-0011 | EA | 50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head | 16,663.55 | 1,192.58 |
| | | *For Explosion Proof Motor, Add* | *2,717.19* | |
| 22 14 29 13-0012 | EA | 60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head | 22,963.49 | 1,324.61 |
| | | *For Explosion Proof Motor, Add* | *4,306.95* | |

#### 22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

| | | | |
|---|---|---|---|
| 22 14 29 13-0014 | EA | 1-1/2" Diameter x 5' Long Extra Column Assembly | 768.51 |
| 22 14 29 13-0015 | EA | 2" Diameter x 5' Long Extra Column Assembly | 840.93 |
| 22 14 29 13-0016 | EA | 2-1/2" Diameter x 5' Long Extra Column Assembly | 920.17 |
| 22 14 29 13-0017 | EA | 3" Diameter x 5' Long Extra Column Assembly | 1,104.85 |
| 22 14 29 13-0018 | EA | 4" Diameter x 5' Long Extra Column Assembly | 1,234.92 |
| 22 14 29 13-0019 | EA | 5" Diameter x 5' Long Extra Column Assembly | 1,257.41 |
| 22 14 29 13-0020 | EA | 6" Diameter x 5' Long Extra Column Assembly | 1,411.57 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 14 29 13-0021 | EA | 8" Diameter x 5' Long Extra Column Assembly | 1,544.59 | |

### 22 14 29 13-0022 Support Plate *(22 14 29 13)*

| | | | | |
|---|---|---|---|---|
| 22 14 29 13-0023 | EA | 24" Steel Support Plate, Round Or Square | 707.47 | 42.77 |
| 22 14 29 13-0024 | EA | 30" Steel Support Plate, Round Or Square | 783.31 | 48.12 |
| 22 14 29 13-0025 | EA | 36" Steel Support Plate, Round Or Square | 1,086.43 | 64.16 |
| 22 14 29 13-0026 | EA | 40" Steel Support Plate, Round Or Square | 1,573.11 | 74.85 |
| 22 14 29 13-0027 | EA | 42" Steel Support Plate, Round Or Square | 1,685.93 | 77.53 |
| 22 14 29 13-0028 | EA | 48" Steel Support Plate, Round Or Square | 1,802.18 | 80.20 |
| 22 14 29 13-0029 | EA | 54" Steel Support Plate, Round Or Square | 2,294.73 | 96.23 |
| 22 14 29 13-0030 | EA | 60" Steel Support Plate, Round Or Square | 3,103.92 | 106.92 |
| 22 14 29 13-0031 | EA | 72" Steel Support Plate, Round Or Square | 4,142.77 | 133.66 |
| 22 14 29 13-0032 | EA | 84" Steel Support Plate, Round Or Square | 4,999.11 | 147.02 |

## 22 14 29 16 Submersible Sump Pumps *(22 14 29)*

### 22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*

### 22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0001)*

| | | | | |
|---|---|---|---|---|
| 22 14 29 16-0003 | EA | 1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 438.01 | 69.67 |
| 22 14 29 16-0004 | EA | 1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 481.06 | 69.67 |
| 22 14 29 16-0005 | EA | 1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 735.87 | 73.73 |
| 22 14 29 16-0006 | EA | 1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller | 804.00 | 73.73 |

### 22 14 29 16-0007 Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0001)*

Note: Includes 20' of cord with pump.

| | | | | |
|---|---|---|---|---|
| 22 14 29 16-0008 | EA | 1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller | 1,210.90 | 73.73 |
| 22 14 29 16-0009 | EA | 1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller | 1,313.57 | 73.73 |
| 22 14 29 16-0010 | EA | 1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller | 1,382.21 | 81.28 |
| 22 14 29 16-0011 | EA | 1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller | 1,491.98 | 81.28 |
| 22 14 29 16-0012 | EA | 1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller | 1,541.00 | 92.89 |
| 22 14 29 16-0013 | EA | 1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller | 1,648.88 | 92.89 |
| 22 14 29 16-0014 | EA | 2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller | 1,660.31 | 110.31 |
| 22 14 29 16-0015 | EA | 2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller | 1,754.00 | 110.31 |

### 22 14 29 16-0016 Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*

Note: Includes 20' of cord with pump.

| | | | | |
|---|---|---|---|---|
| 22 14 29 16-0017 | EA | 1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 1,076.43 | 69.67 |
| 22 14 29 16-0018 | EA | 1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 1,110.72 | 69.67 |
| 22 14 29 16-0019 | EA | 1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 1,382.74 | 73.73 |
| 22 14 29 16-0020 | EA | 1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 1,406.83 | 73.73 |
| 22 14 29 16-0021 | EA | 3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 1,684.42 | 77.80 |
| 22 14 29 16-0022 | EA | 3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 1,684.42 | 77.80 |
| 22 14 29 16-0023 | EA | 1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 1,781.29 | 81.28 |
| 22 14 29 16-0024 | EA | 1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 1,781.29 | 81.28 |
| 22 14 29 16-0025 | EA | 1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 2,032.97 | 92.89 |
| 22 14 29 16-0026 | EA | 1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 2,032.97 | 92.89 |
| 22 14 29 16-0027 | EA | 2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 2,364.85 | 110.31 |
| 22 14 29 16-0028 | EA | 2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller | 2,323.15 | 110.31 |

## 22 14 29 19 Sump-Pump Basins and Pits *(22 14 29)*

See CSI section 22 13 29 33-0000 for basins and pits.

# 22 15 General Service Compressed-Air Systems *(22 10)*

## 22 15 13 General Service Compressed-Air Piping *(22 15)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 15 13 00-0001** | | **Quick Disconnect, Air-Service** *(22 15 13)* | | |
| **22 15 13 00-0002** | | **Combination Steel And Brass** *(22 15 13 00-0001)* | | |
| 22 15 13 00-0003 | EA | 1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket | 54.35 | 16.26 |
| 22 15 13 00-0004 | EA | 3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket | 60.44 | 19.73 |
| **22 15 13 00-0005** | | **Refrigerated Air Dryers With Ambient Air Filters** *(22 15 13)* Note: 120 Voltage, 1 Phase | | |
| 22 15 13 00-0006 | EA | 3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 747.39 | 92.63 |
| 22 15 13 00-0007 | EA | 5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 854.40 | 95.21 |
| 22 15 13 00-0008 | EA | 7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 1,006.16 | 97.78 |
| 22 15 13 00-0009 | EA | 10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 1,132.36 | 102.92 |
| 22 15 13 00-0010 | EA | 15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 1,474.58 | 115.79 |
| 22 15 13 00-0011 | EA | 20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 1,667.21 | 131.74 |
| 22 15 13 00-0012 | EA | 25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 1,870.48 | 149.24 |
| 22 15 13 00-0013 | EA | 30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 2,198.33 | 167.25 |
| 22 15 13 00-0014 | EA | 40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 2,548.33 | 195.56 |
| 22 15 13 00-0015 | EA | 50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 2,871.39 | 208.93 |
| 22 15 13 00-0016 | EA | 60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 3,373.97 | 231.57 |
| 22 15 13 00-0017 | EA | 75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 3,880.97 | 257.30 |
| | | *For 230 Voltage, Add* | *1,009.91* | |
| 22 15 13 00-0018 | EA | 85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 4,194.94 | 283.04 |
| | | *For 230 Voltage, Add* | *1,088.66* | |
| 22 15 13 00-0019 | EA | 100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 4,517.86 | 313.91 |
| | | *For 230 Voltage, Add* | *1,167.41* | |
| 22 15 13 00-0020 | EA | 125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 4,884.66 | 334.50 |
| | | *For 230 Voltage, Add* | *1,264.70* | |
| 22 15 13 00-0021 | EA | 175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 5,165.18 | 347.37 |
| | | *For 230 Voltage, Add* | *1,341.14* | |
| 22 15 13 00-0022 | EA | 200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 8,943.31 | 360.23 |
| | | *For 230 Voltage, Add* | *2,466.86* | |
| 22 15 13 00-0023 | EA | 250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 9,609.89 | 373.10 |
| | | *For 230 Voltage, Add* | *2,659.11* | |
| 22 15 13 00-0024 | EA | 300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 10,257.94 | 385.96 |
| | | *For 230 Voltage, Add* | *2,845.81* | |
| 22 15 13 00-0025 | EA | 400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 12,185.60 | 411.69 |
| | | *For 230 Voltage, Add* | *3,408.67* | |
| 22 15 13 00-0026 | EA | 500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 13,822.92 | 514.61 |
| | | *For 230 Voltage, Add* | *3,838.11* | |
| 22 15 13 00-0027 | EA | 600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 19,657.37 | 617.53 |
| | | *For 230 Voltage, Add* | *5,526.69* | |
| 22 15 13 00-0028 | EA | 800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 26,688.58 | 720.45 |
| | | *For 230 Voltage, Add* | *7,574.30* | |
| 22 15 13 00-0029 | EA | 1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters | 29,882.45 | 823.38 |
| | | *For 230 Voltage, Add* | *8,470.71* | |
| **22 15 13 00-0030** | | **Oil And Water Separator For Air Compressor** *(22 15 13)* | | |
| 22 15 13 00-0031 | EA | 0-60 SCFM Oil/Water Separator | 667.12 | 37.17 |
| 22 15 13 00-0032 | EA | 85 SCFM Oil/Water Separator | 893.19 | 43.56 |
| 22 15 13 00-0033 | EA | 190 SCFM Oil/Water Separator | 1,043.78 | 49.37 |
| 22 15 13 00-0034 | EA | 245 SCFM Oil/Water Separator | 1,309.83 | 58.08 |
| 22 15 13 00-0035 | EA | 320 SCFM Oil/Water Separator | 1,556.98 | 69.69 |
| 22 15 13 00-0036 | EA | 700 SCFM Oil/Water Separator | 3,139.46 | 145.20 |
| **22 15 13 00-0037** | | **Heavy Duty Industrial Pressure Regulator** *(22 15 13)* | | |
| 22 15 13 00-0038 | EA | 3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output | 118.89 | 30.87 |
| 22 15 13 00-0039 | EA | 1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output | 165.73 | 41.17 |
| 22 15 13 00-0040 | EA | 3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output | 280.19 | 51.46 |
| 22 15 13 00-0041 | EA | 1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output | 353.27 | 77.19 |
| 22 15 13 00-0042 | EA | 1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output | 491.02 | 90.06 |
| 22 15 13 00-0043 | EA | 1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output | 516.75 | 102.92 |
| **22 15 13 00-0044** | | **Combination Air System; Filter Regulator Lubricator** *(22 15 13)* | | |
| 22 15 13 00-0045 | EA | 3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter | 447.76 | 92.63 |
| 22 15 13 00-0046 | EA | 1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter | 555.84 | 123.51 |
| **22 15 13 00-0047** | | **Heatless Desiccant Air Dryers** *(22 15 13)* | | |
| 22 15 13 00-0048 | EA | 5 SCFM Heatless Desiccant Air Dryer | 2,567.50 | 92.63 |
| 22 15 13 00-0049 | EA | 10 SCFM Heatless Desiccant Air Dryer | 3,085.77 | 102.92 |
| 22 15 13 00-0050 | EA | 15 SCFM Heatless Desiccant Air Dryer | 3,117.17 | 113.21 |
| 22 15 13 00-0051 | EA | 20 SCFM Heatless Desiccant Air Dryer | 3,560.41 | 128.65 |
| 22 15 13 00-0052 | EA | 30 SCFM Heatless Desiccant Air Dryer | 4,901.22 | 154.38 |
| 22 15 13 00-0053 | EA | 50 SCFM Heatless Desiccant Air Dryer | 4,848.18 | 205.84 |
| 22 15 13 00-0054 | EA | 85 SCFM Heatless Desiccant Air Dryer | 6,509.19 | 257.30 |
| 22 15 13 00-0055 | EA | 100 SCFM Heatless Desiccant Air Dryer | 6,912.92 | 308.77 |
| 22 15 13 00-0056 | EA | 125 SCFM Heatless Desiccant Air Dryer | 7,915.19 | 360.23 |
| 22 15 13 00-0057 | EA | 175 SCFM Heatless Desiccant Air Dryer | 9,088.71 | 411.69 |
| 22 15 13 00-0058 | EA | 200 SCFM Heatless Desiccant Air Dryer | 9,769.93 | 463.15 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 15 13 00-0059 | EA | 300 SCFM Heatless Desiccant Air Dryer | 11,938.99 | 514.61 |
| 22 15 13 00-0060 | EA | 400 SCFM Heatless Desiccant Air Dryer | 13,269.01 | 617.53 |
| 22 15 13 00-0061 | EA | 500 SCFM Heatless Desiccant Air Dryer | 15,337.17 | 720.45 |
| 22 15 13 00-0062 | EA | 600 SCFM Heatless Desiccant Air Dryer | 17,695.62 | 823.38 |
| 22 15 13 00-0063 | | Air Cooled Aftercoolers *(22 15 13)* | | |
| 22 15 13 00-0064 | EA | 20 SCFM Air-Cooled Aftercooler | 653.71 | 64.33 |
| 22 15 13 00-0065 | EA | 35 SCFM Air-Cooled Aftercooler | 881.70 | 77.19 |
| 22 15 13 00-0066 | EA | 43 SCFM Air-Cooled Aftercooler | 969.20 | 90.06 |
| 22 15 13 00-0067 | EA | 70 SCFM Air-Cooled Aftercooler | 1,183.32 | 102.92 |
| 22 15 13 00-0068 | EA | 125 SCFM Air-Cooled Aftercooler | 1,644.50 | 115.79 |
| 22 15 13 00-0069 | EA | 185 SCFM Air-Cooled Aftercooler | 1,846.28 | 128.65 |
| 22 15 13 00-0070 | EA | 260 SCFM Air-Cooled Aftercooler | 3,561.47 | 154.38 |
| 22 15 13 00-0071 | EA | 365 SCFM Air-Cooled Aftercooler | 3,725.97 | 180.11 |
| 22 15 13 00-0072 | EA | 560 SCFM Air-Cooled Aftercooler | 3,889.23 | 205.84 |
| 22 15 13 00-0073 | EA | 650 SCFM Air-Cooled Aftercooler | 4,559.60 | 231.57 |
| 22 15 13 00-0074 | EA | 750 SCFM Air-Cooled Aftercooler | 4,985.38 | 257.30 |
| 22 15 13 00-0075 | EA | 900 SCFM Air-Cooled Aftercooler | 5,715.05 | 283.04 |
| 22 15 13 00-0076 | EA | 1,100 SCFM Air-Cooled Aftercooler | 7,329.24 | 308.77 |
| 22 15 13 00-0077 | EA | 1,460 SCFM Air-Cooled Aftercooler | 8,380.72 | 334.50 |
| 22 15 13 00-0078 | EA | 1,800 SCFM Air-Cooled Aftercooler | 8,656.09 | 360.23 |
| 22 15 13 00-0079 | EA | 2,500 SCFM Air-Cooled Aftercooler | 9,282.01 | 385.96 |
| 22 15 13 00-0080 | | Compressed Air Coalescing Filters *(22 15 13)* | | |
| 22 15 13 00-0081 | | 1.0 Micron Filter Rated Compressed Air Coalescing Filters *(22 15 13 00-0080)* | | |
| 22 15 13 00-0082 | EA | 10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating | 229.93 | 37.75 |
| 22 15 13 00-0083 | EA | 20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating | 273.17 | 37.75 |
| 22 15 13 00-0084 | EA | 50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating | 298.68 | 43.56 |
| 22 15 13 00-0085 | EA | 75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating | 343.88 | 49.95 |
| 22 15 13 00-0086 | EA | 100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating | 400.67 | 55.18 |
| 22 15 13 00-0087 | EA | 140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating | 454.77 | 66.79 |
| 22 15 13 00-0088 | EA | 175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating | 514.41 | 72.60 |
| 22 15 13 00-0089 | EA | 250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating | 594.26 | 87.12 |
| 22 15 13 00-0090 | EA | 280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating | 763.53 | 116.16 |
| 22 15 13 00-0091 | EA | 350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating | 872.87 | 130.68 |
| 22 15 13 00-0092 | | 0.01 Micron Filter Rated Compressed Air Coalescing Filters *(22 15 13 00-0080)* | | |
| 22 15 13 00-0093 | EA | 16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating | 279.34 | 37.75 |
| 22 15 13 00-0094 | EA | 30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating | 303.29 | 43.56 |
| 22 15 13 00-0095 | EA | 60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating | 348.21 | 49.95 |
| 22 15 13 00-0096 | EA | 100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating | 409.32 | 49.37 |
| 22 15 13 00-0097 | EA | 140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating | 464.66 | 66.79 |
| 22 15 13 00-0098 | EA | 180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating | 526.62 | 72.60 |
| 22 15 13 00-0099 | EA | 250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating | 605.38 | 87.12 |
| 22 15 13 00-0100 | EA | 280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating | 782.07 | 116.16 |
| 22 15 13 00-0101 | EA | 350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating | 897.58 | 130.68 |
| 22 15 13 00-0102 | | Compressed Air Storage Tanks *(22 15 13)* | | |
| 22 15 13 00-0103 | | Horizontal Compressed Air Storage Tanks *(22 15 13 00-0102)* | | |
| 22 15 13 00-0104 | EA | 12 Gallon Horizontal Compressed Air Storage Tank, ASME | 380.86 | 82.34 |
| 22 15 13 00-0105 | EA | 15 Gallon Horizontal Compressed Air Storage Tank, ASME | 704.32 | 90.06 |
| 22 15 13 00-0106 | EA | 20 Gallon Horizontal Compressed Air Storage Tank, ASME | 746.34 | 94.69 |
| 22 15 13 00-0107 | EA | 30 Gallon Horizontal Compressed Air Storage Tank, ASME | 851.60 | 102.92 |
| 22 15 13 00-0108 | EA | 60 Gallon Horizontal Compressed Air Storage Tank, ASME | 1,111.05 | 138.94 |
| 22 15 13 00-0109 | EA | 80 Gallon Horizontal Compressed Air Storage Tank, ASME | 1,343.09 | 154.38 |
| 22 15 13 00-0110 | EA | 120 Gallon Horizontal Compressed Air Storage Tank, ASME | 2,021.64 | 180.11 |
| 22 15 13 00-0111 | EA | 200 Gallon Horizontal Compressed Air Storage Tank, ASME | 3,023.23 | 205.84 |
| 22 15 13 00-0112 | EA | 240 Gallon Horizontal Compressed Air Storage Tank, ASME | 3,372.02 | 218.71 |
| 22 15 13 00-0113 | EA | 325 Gallon Horizontal Compressed Air Storage Tank, ASME | 4,886.14 | 231.57 |
| 22 15 13 00-0114 | EA | 400 Gallon Horizontal Compressed Air Storage Tank, ASME | 6,442.24 | 270.18 |
| 22 15 13 00-0115 | EA | 660 Gallon Horizontal Compressed Air Storage Tank, ASME | 9,276.31 | 321.64 |
| 22 15 13 00-0116 | | Vertical Compressed Air Storage Tanks *(22 15 13 00-0102)* | | |
| 22 15 13 00-0117 | EA | 10 Gallon Vertical Compressed Air Storage Tank, ASME | 656.11 | 82.34 |
| 22 15 13 00-0118 | EA | 15 Gallon Vertical Compressed Air Storage Tank, ASME | 687.94 | 90.06 |
| 22 15 13 00-0119 | EA | 20 Gallon Vertical Compressed Air Storage Tank, ASME | 746.34 | 94.69 |
| 22 15 13 00-0120 | EA | 30 Gallon Vertical Compressed Air Storage Tank, ASME | 884.03 | 102.92 |
| 22 15 13 00-0121 | EA | 60 Gallon Vertical Compressed Air Storage Tank, ASME | 1,208.36 | 138.94 |
| 22 15 13 00-0122 | EA | 80 Gallon Vertical Compressed Air Storage Tank, ASME | 1,389.95 | 154.38 |
| 22 15 13 00-0123 | EA | 120 Gallon Vertical Compressed Air Storage Tank, ASME | 1,919.75 | 180.11 |
| 22 15 13 00-0124 | EA | 200 Gallon Vertical Compressed Air Storage Tank, ASME | 2,813.22 | 205.84 |
| 22 15 13 00-0125 | EA | 240 Gallon Vertical Compressed Air Storage Tank, ASME | 3,104.33 | 218.71 |
| 22 15 13 00-0126 | EA | 325 Gallon Vertical Compressed Air Storage Tank, ASME | 4,230.89 | 231.57 |
| 22 15 13 00-0127 | EA | 400 Gallon Vertical Compressed Air Storage Tank, ASME | 5,425.30 | 270.18 |
| 22 15 13 00-0128 | EA | 500 Gallon Vertical Compressed Air Storage Tank, ASME | 7,082.15 | 295.91 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 15 13 00-0129 | EA | 660 Gallon Vertical Compressed Air Storage Tank, ASME | 11,792.03 | 334.50 |

## 22 15 19 General Service Packaged Air Compressors and Receivers *(22 15)*

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

### 22 15 19 13 General Service Packaged Reciprocating Air Compressors *(22 15 19)*

#### 22 15 19 13-0001 Single Stage Compressor *(22 15 19 13)*

Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

| | | | | |
|---|---|---|---|---|
| 22 15 19 13-0002 | EA | 1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure | 2,860.78 | 365.17 |
| 22 15 19 13-0003 | EA | 3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure | 2,990.78 | 421.46 |
| 22 15 19 13-0004 | EA | 1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure | 3,413.69 | 497.74 |
| 22 15 19 13-0005 | EA | 2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure | 3,888.30 | 549.20 |
| 22 15 19 13-0006 | EA | 3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure | 4,752.09 | 580.07 |
| 22 15 19 13-0007 | EA | 3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure | 5,076.55 | 600.66 |
| 22 15 19 13-0008 | EA | 5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure | 5,701.26 | 686.49 |
| 22 15 19 13-0009 | EA | 5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure | 6,114.78 | 727.66 |
| 22 15 19 13-0010 | EA | 7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure | 7,334.39 | 823.79 |

#### 22 15 19 13-0011 Two Stage Compressor *(22 15 19 13)*

Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

| | | | | |
|---|---|---|---|---|
| 22 15 19 13-0012 | EA | 1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure | 5,467.41 | 641.82 |
| 22 15 19 13-0013 | EA | 2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure | 5,872.46 | 755.14 |
| 22 15 19 13-0014 | EA | 3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure | 6,139.80 | 823.79 |
| 22 15 19 13-0015 | EA | 5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure | 7,017.71 | 1,098.38 |
| 22 15 19 13-0016 | EA | 5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure | 7,561.85 | 1,098.38 |
| 22 15 19 13-0017 | EA | 7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure | 8,127.54 | 1,372.99 |
| 22 15 19 13-0018 | EA | 7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure | 8,621.06 | 1,372.99 |
| 22 15 19 13-0019 | EA | 10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure | 11,051.57 | 1,698.21 |
| 22 15 19 13-0020 | EA | 10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure | 11,861.10 | 1,749.67 |
| 22 15 19 13-0021 | EA | 15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure | 12,812.26 | 2,044.85 |
| 22 15 19 13-0022 | EA | 20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure | 19,280.93 | 2,314.72 |
| 22 15 19 13-0023 | EA | 25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure | 20,717.38 | 2,615.56 |
| 22 15 19 13-0024 | EA | 30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure | 23,090.77 | 2,890.77 |
| 22 15 19 13-0025 | EA | 30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure | 25,121.07 | 3,168.15 |

### 22 15 19 19 General Service Packaged Rotary-Screw Air Compressors *(22 15 19)*

#### 22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*

Note: Oil flooded.

| | | | | |
|---|---|---|---|---|
| 22 15 19 19-0002 | EA | 3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated | 9,335.89 | 926.97 |
| 22 15 19 19-0003 | EA | 5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated | 10,420.61 | 1,235.95 |
| 22 15 19 19-0004 | EA | 7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 13,360.47 | 1,549.60 |
| 22 15 19 19-0005 | EA | 10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 15,457.04 | 1,974.75 |
| 22 15 19 19-0006 | EA | 15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 17,685.69 | 2,323.22 |
| 22 15 19 19-0007 | EA | 20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 21,458.23 | 2,613.63 |
| 22 15 19 19-0008 | EA | 25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 23,517.33 | 2,904.04 |
| 22 15 19 19-0009 | EA | 30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 28,282.00 | 3,252.52 |
| 22 15 19 19-0010 | EA | 40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 31,087.96 | 3,484.84 |
| 22 15 19 19-0011 | EA | 50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 34,896.14 | 3,755.50 |
| 22 15 19 19-0012 | EA | 60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 45,368.17 | 4,065.66 |
| 22 15 19 19-0013 | EA | 75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 50,338.04 | 4,297.97 |
| 22 15 19 19-0014 | EA | 100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated | 80,791.08 | 4,646.46 |
| 22 15 19 19-0015 | EA | 125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated | 100,793.83 | 5,023.98 |
| 22 15 19 19-0016 | EA | 150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated | 117,084.08 | 5,407.31 |
| 22 15 19 19-0017 | EA | 220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated | 152,341.52 | 5,808.08 |
| 22 15 19 19-0018 | EA | 250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated | 173,082.64 | 6,179.79 |

#### 22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)*

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

| | | | | |
|---|---|---|---|---|
| 22 15 19 19-0020 | EA | 5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated | 11,653.16 | 1,235.95 |
| 22 15 19 19-0021 | EA | 5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated | 12,382.06 | 1,235.95 |
| 22 15 19 19-0022 | EA | 7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 13,940.05 | 1,549.60 |
| 22 15 19 19-0023 | EA | 7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 14,737.28 | 1,549.60 |
| 22 15 19 19-0024 | EA | 10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 15,775.94 | 1,974.75 |
| 22 15 19 19-0025 | EA | 10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 16,618.73 | 1,974.75 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 15 19 19-0026 | EA | 15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 17,948.90 | 2,323.22 |
| 22 15 19 19-0027 | EA | 15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 18,860.03 | 2,323.22 |
| 22 15 19 19-0028 | EA | 20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 31,055.40 | 2,613.63 |
| 22 15 19 19-0029 | EA | 25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 33,456.18 | 2,904.04 |
| 22 15 19 19-0030 | EA | 30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated | 35,629.21 | 3,252.52 |

# 22 30 Plumbing Equipment *(22)*

## 22 31 Domestic Water Softeners *(22 30)*

### 22 31 13 Residential Domestic Water Softeners *(22 31)*

See CSI section 11 30 13 13-0088 for residential water softener.

### 22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) *(22 31 16)*

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*

22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

| | | | | |
|---|---|---|---|---|
| 22 31 16 00-0004 | EA | 30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11) | 4,541.82 | 294.05 |
| 22 31 16 00-0005 | EA | 45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11) | 4,747.39 | 307.41 |
| 22 31 16 00-0006 | EA | 60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11) | 5,126.03 | 320.77 |
| 22 31 16 00-0007 | EA | 90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11) | 5,906.60 | 334.14 |
| 22 31 16 00-0008 | EA | 120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11) | 6,296.77 | 347.51 |

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

| | | | | |
|---|---|---|---|---|
| 22 31 16 00-0010 | EA | 60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11) | 6,824.06 | 320.77 |
| 22 31 16 00-0011 | EA | 90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11) | 7,177.71 | 334.14 |
| 22 31 16 00-0012 | EA | 120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11) | 7,569.81 | 347.51 |
| 22 31 16 00-0013 | EA | 150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11) | 9,004.20 | 360.87 |
| 22 31 16 00-0014 | EA | 210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11) | 10,013.58 | 374.24 |
| 22 31 16 00-0015 | EA | 300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11) | 12,203.72 | 387.60 |

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

| | | | | |
|---|---|---|---|---|
| 22 31 16 00-0017 | EA | 90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11) | 10,389.16 | 334.14 |
| 22 31 16 00-0018 | EA | 120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11) | 10,767.79 | 347.51 |
| 22 31 16 00-0019 | EA | 150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11) | 12,206.03 | 360.87 |
| 22 31 16 00-0020 | EA | 210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11) | 13,215.41 | 374.24 |
| 22 31 16 00-0021 | EA | 300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11) | 15,524.77 | 387.60 |
| 22 31 16 00-0022 | EA | 450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11) | 20,495.59 | 400.97 |
| 22 31 16 00-0023 | EA | 600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11) | 23,985.68 | 414.33 |

22 31 16 00-0024 3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

| | | | | |
|---|---|---|---|---|
| 22 31 16 00-0025 | EA | 300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11) | 25,186.03 | 387.60 |
| 22 31 16 00-0026 | EA | 450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11) | 29,104.95 | 400.97 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 31 16 00-0027 | EA | 600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11) | 32,548.88 | 414.33 |
| 22 31 16 00-0028 | EA | 900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11) | 40,996.52 | 427.70 |
| 22 31 16 00-0029 | EA | 1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11) | 45,400.05 | 441.07 |
| 22 31 16 00-0030 | | Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)* | | |
| 22 31 16 00-0031 | | 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves. | | |
| 22 31 16 00-0032 | EA | 90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21) | 17,059.65 | 501.21 |
| 22 31 16 00-0033 | EA | 120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21) | 17,817.02 | 521.26 |
| 22 31 16 00-0034 | EA | 150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21) | 20,297.44 | 541.31 |
| 22 31 16 00-0035 | EA | 210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21) | 22,197.10 | 561.36 |
| 22 31 16 00-0036 | EA | 300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21) | 27,113.96 | 581.40 |
| 22 31 16 00-0037 | EA | 450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21) | 35,949.96 | 601.46 |
| 22 31 16 00-0038 | EA | 600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21) | 42,328.32 | 621.51 |
| 22 31 16 00-0039 | | 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves. | | |
| 22 31 16 00-0040 | EA | 300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21) | 46,274.94 | 581.40 |
| 22 31 16 00-0041 | EA | 450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21) | 53,172.53 | 601.46 |
| 22 31 16 00-0042 | EA | 600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21) | 59,764.34 | 621.51 |
| 22 31 16 00-0043 | EA | 900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21) | 76,071.28 | 641.55 |
| 22 31 16 00-0044 | EA | 1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21) | 84,943.80 | 661.60 |
| 22 31 16 00-0045 | | Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)* | | |
| 22 31 16 00-0046 | | 1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve. | | |
| 22 31 16 00-0047 | EA | 30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21) | 5,962.76 | 441.07 |
| 22 31 16 00-0048 | EA | 45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21) | 6,360.53 | 461.12 |
| 22 31 16 00-0049 | EA | 60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21) | 6,940.99 | 481.16 |
| 22 31 16 00-0050 | EA | 90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21) | 8,342.60 | 501.21 |
| 22 31 16 00-0051 | EA | 120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21) | 9,232.66 | 521.26 |
| 22 31 16 00-0052 | | 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve. | | |
| 22 31 16 00-0053 | EA | 60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21) | 11,735.08 | 481.16 |
| 22 31 16 00-0054 | EA | 90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21) | 12,375.17 | 501.21 |
| 22 31 16 00-0055 | EA | 120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21) | 13,322.93 | 521.26 |
| 22 31 16 00-0056 | EA | 150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21) | 15,259.12 | 541.31 |
| 22 31 16 00-0057 | EA | 210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21) | 17,224.17 | 561.36 |
| 22 31 16 00-0058 | EA | 300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21) | 21,585.28 | 581.40 |

## 22 32 Domestic Water Filtration Equipment *(22 30)*

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 32 16** | | **Domestic-Water Freestanding Cartridge Filters** *(22 32)* | | |
| 22 32 16 00-0001 | | Commercial Water Filters Housings *(22 32 16)* | | |
| 22 32 16 00-0002 | | Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)* | | |
| 22 32 16 00-0003 | | Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)* | | |
| 22 32 16 00-0004 | EA | 25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1) | 2,348.63 | 188.76 |
| 22 32 16 00-0005 | EA | 30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1) | 2,394.97 | 203.28 |
| 22 32 16 00-0006 | EA | 60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2) | 2,549.01 | 217.80 |
| 22 32 16 00-0007 | EA | 90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3) | 2,822.26 | 232.33 |
| 22 32 16 00-0008 | EA | 120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4) | 2,907.07 | 246.84 |
| 22 32 16 00-0009 | EA | 150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4) | 3,524.55 | 261.37 |
| 22 32 16 00-0010 | EA | 250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3) | 9,911.10 | 275.88 |
| 22 32 16 00-0011 | EA | 300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4) | 11,530.48 | 290.41 |
| 22 32 16 00-0012 | EA | 500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3) | 14,640.19 | 304.92 |
| 22 32 16 00-0013 | EA | 600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4) | 16,240.35 | 319.45 |
| 22 32 16 00-0014 | | Commercial Water Filter Cartridges *(22 32 16 00-0002)* | | |
| 22 32 16 00-0015 | | (Depth) Water Filter Cartridges *(22 32 16 00-0014)* | | |
| 22 32 16 00-0016 | EA | 50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50) | 11.85 | 2.33 |
| 22 32 16 00-0017 | EA | 20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20) | 11.85 | 2.33 |
| 22 32 16 00-0018 | EA | 10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10) | 11.85 | 2.33 |
| 22 32 16 00-0019 | EA | 5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5) | 9.93 | 2.33 |
| 22 32 16 00-0020 | EA | 1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1) | 12.33 | 2.33 |
| 22 32 16 00-0021 | EA | 50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50) | 12.33 | 2.33 |
| 22 32 16 00-0022 | EA | 20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20) | 13.29 | 2.33 |
| 22 32 16 00-0023 | EA | 5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5) | 16.66 | 2.33 |
| 22 32 16 00-0024 | EA | 1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1) | 13.29 | 2.33 |
| 22 32 16 00-0025 | EA | 50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50) | 15.70 | 2.33 |
| 22 32 16 00-0026 | EA | 20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20) | 15.70 | 2.33 |
| 22 32 16 00-0027 | EA | 5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5) | 15.70 | 2.33 |
| 22 32 16 00-0028 | EA | 1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1) | 17.14 | 2.33 |
| 22 32 16 00-0029 | EA | 50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50) | 22.43 | 2.33 |
| 22 32 16 00-0030 | EA | 20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20) | 20.50 | 2.33 |
| 22 32 16 00-0031 | EA | 5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5) | 20.50 | 2.33 |
| 22 32 16 00-0032 | EA | 1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1) | 22.43 | 2.33 |
| 22 32 16 00-0033 | | Pleated Water Filter Cartridges *(22 32 16 00-0014)* | | |
| 22 32 16 00-0034 | EA | 50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50) | 20.99 | 2.33 |
| 22 32 16 00-0035 | EA | 20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20) | 20.99 | 2.33 |
| 22 32 16 00-0036 | EA | 5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5) | 21.47 | 2.33 |
| 22 32 16 00-0037 | EA | 1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1) | 22.91 | 2.33 |
| 22 32 16 00-0038 | EA | 1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB) | 34.45 | 2.33 |
| 22 32 16 00-0039 | EA | 50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50) | 33.00 | 2.33 |
| 22 32 16 00-0040 | EA | 20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20) | 33.00 | 2.33 |
| 22 32 16 00-0041 | EA | 5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5) | 33.00 | 2.33 |
| 22 32 16 00-0042 | EA | 1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1) | 43.58 | 2.33 |
| 22 32 16 00-0043 | EA | 1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB) | 61.85 | 2.33 |
| 22 32 16 00-0044 | EA | 50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50) | 51.75 | 2.33 |
| 22 32 16 00-0045 | EA | 20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20) | 71.95 | 2.33 |
| 22 32 16 00-0046 | EA | 5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5) | 74.83 | 2.33 |
| 22 32 16 00-0047 | EA | 1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1) | 84.45 | 2.33 |
| 22 32 16 00-0048 | | Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0001)* | | |
| 22 32 16 00-0049 | | Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0048)* | | |
| 22 32 16 00-0050 | EA | 150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG) | 1,849.41 | 174.24 |
| 22 32 16 00-0051 | | Commercial Water Filter Cartridges *(22 32 16 00-0048)* | | |
| 22 32 16 00-0052 | | Carbon Water Filter Cartridges *(22 32 16 00-0051)* | | |
| 22 32 16 00-0053 | EA | Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5) | 603.66 | 2.33 |
| 22 32 16 00-0054 | | (Depth) Water Filter Cartridges *(22 32 16 00-0051)* | | |
| 22 32 16 00-0055 | EA | 50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50) | 125.31 | 2.33 |
| 22 32 16 00-0056 | EA | 20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20) | 124.35 | 2.33 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 32 16 00-0057 | EA | 5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5) | 124.35 | 2.33 |
| 22 32 16 00-0058 | EA | 1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1) | 142.62 | 2.33 |
| 22 32 16 00-0059 | | Pleated Water Filter Cartridges *(22 32 16 00-0051)* | | |
| 22 32 16 00-0060 | EA | 150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150) | 331.55 | 2.33 |
| 22 32 16 00-0061 | EA | 50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50) | 311.36 | 2.33 |
| 22 32 16 00-0062 | EA | 20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20) | 339.25 | 2.33 |
| 22 32 16 00-0063 | EA | 5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5) | 355.59 | 2.33 |
| 22 32 16 00-0064 | EA | 1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1) | 378.67 | 2.33 |
| 22 32 16 00-0065 | EA | 1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB) | 410.40 | 2.33 |

## 22 33 Electric Domestic Water Heaters *(22 30)*

### 22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

### 22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*

| | | | | |
|---|---|---|---|---|
| 22 33 13 13-0002 | EA | 3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95) | 369.95 | 58.06 |
| 22 33 13 13-0003 | EA | 7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P) | 547.93 | 58.06 |

### 22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)*

Note: Temperature rise decreases with increased flow rate.

| | | | | |
|---|---|---|---|---|
| 22 33 13 16-0002 | EA | 3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T) | 498.37 | 87.08 |
| 22 33 13 16-0003 | EA | 12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12) | 700.37 | 116.11 |
| 22 33 13 16-0004 | EA | 17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115) | 1,187.04 | 203.20 |
| 22 33 13 16-0005 | EA | 26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125) | 1,791.21 | 232.23 |
| 22 33 13 16-0006 | EA | 12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus) | 966.98 | 116.11 |
| 22 33 13 16-0007 | EA | 14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus) | 1,332.26 | 174.17 |
| 22 33 13 16-0008 | EA | 19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus) | 1,496.51 | 232.23 |
| 22 33 13 16-0009 | EA | 24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus) | 1,547.47 | 232.23 |
| 22 33 13 16-0010 | EA | 28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus) | 1,595.60 | 232.23 |
| 22 33 13 16-0011 | EA | 36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus) | 1,666.39 | 232.23 |

### 22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

### 22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

22 33 30 13-0001 Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

| | | | | |
|---|---|---|---|---|
| 22 33 30 13-0002 | EA | 2 Gallon, Small-Capacity, Electric Domestic Water Heater | 739.44 | 182.88 |
| 22 33 30 13-0003 | EA | 10 Gallon, Small-Capacity, Electric Domestic Water Heater | 887.23 | 194.50 |
| 22 33 30 13-0004 | EA | 20 Gallon, Small-Capacity, Electric Domestic Water Heater | 1,029.23 | 203.20 |

### 22 33 30 16 Residential, Storage Electric Domestic Water Heaters *(22 33 30)*

22 33 30 16-0001 Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

| | | | | |
|---|---|---|---|---|
| 22 33 30 16-0002 | EA | 30 Gallon, Electric Domestic Water Heater | 1,090.12 | 203.20 |
| 22 33 30 16-0003 | EA | 40 Gallon, Electric Domestic Water Heater | 1,037.73 | 209.01 |
| 22 33 30 16-0004 | EA | 50 Gallon, Electric Domestic Water Heater | 1,027.53 | 214.82 |
| 22 33 30 16-0005 | EA | 55 Gallon, Electric Domestic Water Heater | 1,131.84 | 217.72 |
| 22 33 30 16-0006 | EA | 66 Gallon, Electric Domestic Water Heater | 1,580.65 | 223.52 |
| 22 33 30 16-0007 | EA | 80 Gallon, Electric Domestic Water Heater | 1,613.65 | 232.23 |
| 22 33 30 16-0008 | EA | 120 Gallon, Electric Domestic Water Heater | 2,103.86 | 246.74 |

22 33 30 16-0009 Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

| | | | | |
|---|---|---|---|---|
| 22 33 30 16-0010 | EA | 30 Gallon, Low-Boy, Electric Domestic Water Heater | 1,160.04 | 203.20 |
| 22 33 30 16-0011 | EA | 40 Gallon, Low-Boy, Electric Domestic Water Heater | 1,115.59 | 209.01 |
| 22 33 30 16-0012 | EA | 50 Gallon, Low-Boy, Electric Domestic Water Heater | 1,177.03 | 214.82 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 33 30 16-0013 | | High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) *(22 33 30 16)* | | |
| | | Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections. | | |
| 22 33 30 16-0014 | EA | 40 Gallon, High Efficiency, Electric Domestic Water Heater | 1,197.27 | 209.01 |
| 22 33 30 16-0015 | EA | 50 Gallon, High Efficiency, Electric Domestic Water Heater | 1,298.50 | 214.82 |
| 22 33 30 16-0016 | EA | 66 Gallon, High Efficiency, Electric Domestic Water Heater | 1,569.68 | 223.52 |
| 22 33 30 16-0017 | EA | 80 Gallon, High Efficiency, Electric Domestic Water Heater | 1,699.22 | 232.23 |
| 22 33 30 16-0018 | | Water Heater Accessories *(22 33 30 16)* | | |
| 22 33 30 16-0019 | EA | 2 Gallon, Expansion Pressure Tank For Water Heaters | 88.70 | 11.61 |
| 22 33 30 16-0020 | EA | 4.4 Gallon, Expansion Pressure Tank For Water Heaters | 103.31 | 11.61 |
| 22 33 30 16-0021 | EA | 7.6 Gallon, Expansion Pressure Tank For Water Heaters | 193.57 | 11.61 |
| 22 33 30 16-0022 | EA | 14 Gallon, Expansion Pressure Tank For Water Heaters | 257.09 | 11.61 |
| 22 33 30 16-0023 | EA | 20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan | 67.78 | 8.71 |
| 22 33 30 16-0024 | EA | 22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan | 73.85 | 8.71 |
| 22 33 30 16-0025 | EA | 24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan | 77.89 | 8.71 |
| 22 33 30 16-0026 | EA | 26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan | 92.05 | 8.71 |
| 22 33 30 16-0027 | EA | 22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan | 37.34 | 8.71 |
| 22 33 30 16-0028 | EA | 24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan | 40.58 | 8.71 |
| 22 33 30 16-0029 | EA | 26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan | 45.13 | 8.71 |
| 22 33 30 16-0030 | EA | 28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan | 50.98 | 8.71 |
| **22 33 33** | | **Light-Commercial Electric Domestic Water Heaters** *(22 33)* | | |
| 22 33 33 00-0001 | | Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) *(22 33 33)* | | |
| | | Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve. | | |
| 22 33 33 00-0002 | EA | 3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3) | 4,819.36 | 203.20 |
| 22 33 33 00-0003 | EA | 3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3) | 5,005.17 | 203.20 |
| 22 33 33 00-0004 | EA | 6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6) | 5,206.47 | 203.20 |
| 22 33 33 00-0005 | EA | 3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3) | 5,264.53 | 232.23 |
| 22 33 33 00-0006 | EA | 6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6) | 5,496.80 | 232.23 |
| 22 33 33 00-0007 | EA | 9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9) | 5,868.42 | 232.23 |
| 22 33 33 00-0008 | EA | 12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12) | 6,116.17 | 232.23 |
| 22 33 33 00-0009 | EA | 15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15) | 6,317.47 | 232.23 |
| 22 33 33 00-0010 | EA | 18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18) | 6,534.25 | 232.23 |
| 22 33 33 00-0011 | EA | 6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6) | 5,729.06 | 232.23 |
| 22 33 33 00-0012 | EA | 9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9) | 5,945.84 | 232.23 |
| 22 33 33 00-0013 | EA | 12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12) | 6,193.59 | 232.23 |
| 22 33 33 00-0014 | EA | 15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15) | 6,394.89 | 232.23 |
| 22 33 33 00-0015 | EA | 18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18) | 6,611.67 | 232.23 |
| 22 33 33 00-0016 | EA | 24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24) | 8,206.56 | 232.23 |
| 22 33 33 00-0017 | EA | 9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9) | 6,263.25 | 290.29 |
| 22 33 33 00-0018 | EA | 12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12) | 6,464.55 | 290.29 |
| 22 33 33 00-0019 | EA | 15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15) | 6,712.30 | 290.29 |
| 22 33 33 00-0020 | EA | 18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18) | 6,929.08 | 290.29 |
| 22 33 33 00-0021 | EA | 24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24) | 8,539.45 | 290.29 |
| 22 33 33 00-0022 | EA | 30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30) | 9,282.70 | 290.29 |
| 22 33 33 00-0023 | EA | 36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36) | 10,010.46 | 290.29 |
| 22 33 33 00-0024 | EA | 9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9) | 7,246.49 | 348.35 |
| 22 33 33 00-0025 | EA | 12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12) | 7,447.79 | 348.35 |
| 22 33 33 00-0026 | EA | 15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15) | 7,649.09 | 348.35 |
| 22 33 33 00-0027 | EA | 18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18) | 7,865.87 | 348.35 |
| 22 33 33 00-0028 | EA | 24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24) | 9,522.69 | 348.35 |
| 22 33 33 00-0029 | EA | 30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30) | 10,265.94 | 348.35 |
| 22 33 33 00-0030 | EA | 36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36) | 10,993.71 | 348.35 |
| 22 33 33 00-0031 | EA | 45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45) | 12,309.88 | 348.35 |
| 22 33 33 00-0032 | EA | 54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54) | 12,898.28 | 348.35 |
| 22 33 33 00-0033 | EA | 60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60) | 14,942.21 | 348.35 |
| 22 33 33 00-0034 | EA | 75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75) | 17,574.55 | 348.35 |
| 22 33 33 00-0035 | EA | 90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90) | 22,003.08 | 348.35 |
| 22 33 33 00-0036 | EA | 9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9) | 8,191.00 | 464.46 |
| 22 33 33 00-0037 | EA | 12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12) | 8,423.27 | 464.46 |
| 22 33 33 00-0038 | EA | 15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15) | 8,640.05 | 464.46 |
| 22 33 33 00-0039 | EA | 18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18) | 8,825.86 | 464.46 |
| 22 33 33 00-0040 | EA | 24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24) | 10,467.20 | 464.46 |
| 22 33 33 00-0041 | EA | 30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30) | 11,210.45 | 464.46 |
| 22 33 33 00-0042 | EA | 36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36) | 11,922.73 | 464.46 |
| 22 33 33 00-0043 | EA | 45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45) | 13,269.87 | 464.46 |
| 22 33 33 00-0044 | EA | 54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54) | 13,842.79 | 464.46 |
| 22 33 33 00-0045 | EA | 60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60) | 15,902.21 | 464.46 |
| 22 33 33 00-0046 | EA | 75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75) | 18,550.03 | 464.46 |
| 22 33 33 00-0047 | EA | 90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90) | 22,963.07 | 464.46 |
| 22 33 33 00-0048 | EA | 12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12) | 9,158.75 | 522.51 |
| 22 33 33 00-0049 | EA | 15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15) | 9,375.53 | 522.51 |
| 22 33 33 00-0050 | EA | 18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18) | 9,561.35 | 522.51 |
| 22 33 33 00-0051 | EA | 24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24) | 11,218.17 | 522.51 |
| 22 33 33 00-0052 | EA | 30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30) | 11,884.00 | 522.51 |
| 22 33 33 00-0053 | EA | 36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36) | 12,658.22 | 522.51 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 33 33 00-0054 | EA | 45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45) | 14,005.35 | 522.51 |
| 22 33 33 00-0055 | EA | 54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54) | 14,593.76 | 522.51 |
| 22 33 33 00-0056 | EA | 60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60) | 16,529.30 | 522.51 |
| 22 33 33 00-0057 | EA | 75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75) | 19,285.52 | 522.51 |
| 22 33 33 00-0058 | EA | 90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90) | 23,698.56 | 522.51 |
| 22 33 33 00-0059 | EA | 15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15) | 10,296.84 | 580.57 |
| 22 33 33 00-0060 | EA | 18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18) | 10,544.59 | 580.57 |
| 22 33 33 00-0061 | EA | 24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24) | 12,154.96 | 580.57 |
| 22 33 33 00-0062 | EA | 30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30) | 12,898.21 | 580.57 |
| 22 33 33 00-0063 | EA | 36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36) | 13,625.97 | 580.57 |
| 22 33 33 00-0064 | EA | 45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45) | 14,942.14 | 580.57 |
| 22 33 33 00-0065 | EA | 54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54) | 15,546.03 | 580.57 |
| 22 33 33 00-0066 | EA | 60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60) | 17,574.48 | 580.57 |
| 22 33 33 00-0067 | EA | 75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75) | 20,206.82 | 580.57 |
| 22 33 33 00-0068 | EA | 90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90) | 24,650.83 | 580.57 |
| 22 33 33 00-0069 | EA | 15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15) | 11,086.51 | 696.69 |
| 22 33 33 00-0070 | EA | 18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18) | 11,303.29 | 696.69 |
| 22 33 33 00-0071 | EA | 24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24) | 12,913.66 | 696.69 |
| 22 33 33 00-0072 | EA | 30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30) | 13,625.94 | 696.69 |
| 22 33 33 00-0073 | EA | 36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36) | 14,384.67 | 696.69 |
| 22 33 33 00-0074 | EA | 45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45) | 15,700.84 | 696.69 |
| 22 33 33 00-0075 | EA | 54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54) | 16,258.28 | 696.69 |
| 22 33 33 00-0076 | EA | 60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60) | 18,348.67 | 696.69 |
| 22 33 33 00-0077 | EA | 75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75) | 20,996.49 | 696.69 |
| 22 33 33 00-0078 | EA | 90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90) | 25,394.05 | 696.69 |

### 22 33 33 00-0079 Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) *(22 33 33)*

Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.

| | | | | |
|---|---|---|---|---|
| 22 33 33 00-0080 | EA | Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S) | 1,366.35 | 203.20 |
| 22 33 33 00-0081 | EA | Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S) | 1,463.90 | 203.20 |
| 22 33 33 00-0082 | EA | Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S) | 1,594.74 | 232.23 |
| 22 33 33 00-0083 | EA | Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D) | 2,709.61 | 232.23 |
| 22 33 33 00-0084 | EA | Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D) | 3,135.41 | 290.29 |
| 22 33 33 00-0085 | EA | Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D) | 3,483.80 | 348.35 |
| 22 33 33 00-0086 | EA | Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D) | 4,200.66 | 522.51 |

### 22 33 33 00-0087 Water Heater Accessories *(22 33 33)*

| | | | |
|---|---|---|---|
| 22 33 33 00-0088 | EA | Up To 80 Gallon Water Heater Strap<br>Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts | 44.56 |
| 22 33 33 00-0089 | EA | >80 To 120 Gallon Water Heater Strap<br>Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts | 64.84 |

### 22 33 33 00-0090 Removal And Reinstallation Of Water Heater *(22 33 33)*

Note: Includes storage and cleaning.

| | | | |
|---|---|---|---|
| 22 33 33 00-0091 | EA | Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon | 387.05 |
| 22 33 33 00-0092 | EA | Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon | 1,161.15 |

## 22 34 Fuel-Fired Domestic Water Heaters *(22 30)*

### 22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*

### 22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*

### 22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

Note: Includes vent connection. Excludes vent.

| | | | | |
|---|---|---|---|---|
| 22 34 13 00-0003 | EA | 4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN) | 1,494.59 | 232.23 |
| 22 34 13 00-0004 | EA | 5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN) | 1,608.32 | 235.13 |
| 22 34 13 00-0005 | EA | 5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN) | 1,757.28 | 240.93 |
| 22 34 13 00-0006 | EA | 6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN) | 2,033.63 | 246.74 |
| 22 34 13 00-0007 | EA | 7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN) | 2,447.39 | 261.26 |
| 22 34 13 00-0008 | EA | 7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN) | 2,496.44 | 261.26 |

### 22 34 13 00-0009 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 34 13 00-0010 | EA | 5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN) | 1,602.51 | 232.23 |
| 22 34 13 00-0011 | EA | 7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN) | 2,447.39 | 261.26 |

### 22 34 30 Residential Gas Domestic Water Heaters *(22 34)*

### 22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters *(22 34 30)*

### 22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 34 30 13-0002 | EA | 30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30) | 1,147.73 | 223.52 |
| 22 34 30 13-0003 | EA | 40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40) | 1,132.87 | 229.32 |
| 22 34 30 13-0004 | EA | 50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50) | 1,466.84 | 235.13 |
| 22 34 30 13-0005 | EA | 65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65) | 1,579.76 | 240.93 |
| 22 34 30 13-0006 | EA | 75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75) | 1,715.87 | 246.74 |
| 22 34 30 13-0007 | EA | 100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100) | 2,478.44 | 261.26 |

### 22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

| | | | | |
|---|---|---|---|---|
| 22 34 30 16-0002 | EA | 40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40) | 1,996.61 | 229.32 |
| 22 34 30 16-0003 | EA | 50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50) | 2,261.05 | 235.13 |
| 22 34 30 16-0004 | EA | 75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75) | 2,903.75 | 240.93 |

### 22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

| | | | | |
|---|---|---|---|---|
| 22 34 30 19-0002 | EA | 40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40) | 1,825.86 | 229.32 |
| 22 34 30 19-0003 | EA | 50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50) | 1,899.77 | 235.13 |

## 22 34 36 Commercial Gas Domestic Water Heaters *(22 34)*

### 22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 13-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36 13)*

Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

| | | | | |
|---|---|---|---|---|
| 22 34 36 13-0002 | EA | 120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120) | 6,557.62 | 348.35 |
| 22 34 36 13-0003 | EA | 154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154) | 6,998.55 | 406.40 |
| 22 34 36 13-0004 | EA | 180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180) | 8,661.04 | 464.46 |
| 22 34 36 13-0005 | EA | 199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199) | 7,488.90 | 464.46 |
| 22 34 36 13-0006 | EA | 199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200) | 8,613.16 | 464.46 |
| 22 34 36 13-0007 | EA | 199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A) | 11,491.13 | 510.91 |
| 22 34 36 13-0008 | EA | 250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250) | 8,337.96 | 522.51 |
| 22 34 36 13-0009 | EA | 250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A) | 12,376.61 | 574.77 |
| 22 34 36 13-0010 | EA | 251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251) | 8,467.86 | 522.51 |
| 22 34 36 13-0011 | EA | 251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A) | 11,804.42 | 574.77 |
| 22 34 36 13-0012 | EA | 275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275) | 9,380.53 | 638.64 |
| 22 34 36 13-0013 | EA | 275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A) | 12,910.43 | 702.49 |
| 22 34 36 13-0014 | EA | 305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305) | 10,555.82 | 638.64 |
| 22 34 36 13-0015 | EA | 305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A) | 12,987.75 | 702.49 |
| 22 34 36 13-0016 | EA | 365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365) | 10,208.07 | 696.69 |
| 22 34 36 13-0017 | EA | 365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A) | 14,337.17 | 766.36 |
| 22 34 36 13-0018 | EA | 390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400) | 12,976.14 | 696.69 |
| 22 34 36 13-0019 | EA | 390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A) | 16,997.04 | 766.36 |
| 22 34 36 13-0020 | EA | 500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500) | 16,927.43 | 754.75 |
| 22 34 36 13-0021 | EA | 150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151) | 8,452.15 | 406.40 |
| 22 34 36 13-0022 | EA | 150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A) | 10,141.71 | 447.04 |
| 22 34 36 13-0023 | EA | 199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201) | 8,784.76 | 464.46 |
| 22 34 36 13-0024 | EA | 199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A) | 10,532.34 | 510.91 |
| 22 34 36 13-0025 | EA | Sidewall Power Vent System For BTR-120 through BTR-200 | 2,126.93 | 290.29 |
| 22 34 36 13-0026 | EA | Sidewall Power Vent System For BTR-250 through BTR-500 | 2,327.97 | 290.29 |

22 34 36 13-0027 Removal And Reinstallation Of Water Heater *(22 34 36 13)*

Note: Includes storage and cleaning.

| | | | | |
|---|---|---|---|---|
| 22 34 36 13-0028 | EA | Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon | 527.79 | |
| 22 34 36 13-0029 | EA | Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon | 1,395.61 | |

### 22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 19-0001 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

| | | | | |
|---|---|---|---|---|
| 22 34 36 19-0002 | EA | 90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100) | 5,335.93 | 348.35 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 34 36 19-0003 | EA | 120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120) | 7,640.13 | 348.35 |
| 22 34 36 19-0004 | EA | 154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154) | 9,318.15 | 406.40 |
| 22 34 36 19-0005 | EA | 180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180) | 9,697.16 | 464.46 |
| 22 34 36 19-0006 | EA | 199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199) | 9,743.55 | 464.46 |
| 22 34 36 19-0007 | EA | 199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200) | 9,960.05 | 464.46 |
| 22 34 36 19-0008 | EA | 199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A) | 11,692.17 | 510.91 |
| 22 34 36 19-0009 | EA | 250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250) | 10,988.56 | 522.51 |
| 22 34 36 19-0010 | EA | 250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A) | 13,520.97 | 574.77 |
| 22 34 36 19-0011 | EA | 275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275) | 11,514.62 | 638.64 |
| 22 34 36 19-0012 | EA | 275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A) | 14,116.65 | 702.49 |
| 22 34 36 19-0013 | EA | 310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310) | 11,762.05 | 638.64 |
| 22 34 36 19-0014 | EA | 310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A) | 14,271.29 | 702.49 |
| 22 34 36 19-0015 | EA | 366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366) | 13,192.64 | 696.69 |
| 22 34 36 19-0016 | EA | 366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A) | 15,512.46 | 766.36 |
| 22 34 36 19-0017 | EA | 390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400) | 15,991.70 | 696.69 |
| 22 34 36 19-0018 | EA | 390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A) | 18,450.70 | 766.36 |

### 22 34 36 19-0019 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

| | | | | |
|---|---|---|---|---|
| 22 34 36 19-0020 | EA | 76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80) | 4,129.71 | 348.35 |
| 22 34 36 19-0021 | EA | 100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100) | 5,552.43 | 348.35 |
| 22 34 36 19-0022 | EA | 120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120) | 6,727.73 | 348.35 |
| 22 34 36 19-0023 | EA | 120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A) | 9,704.71 | 383.17 |
| 22 34 36 19-0024 | EA | 150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150) | 9,936.73 | 406.40 |
| 22 34 36 19-0025 | EA | 150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A) | 12,538.70 | 447.04 |
| 22 34 36 19-0026 | EA | 199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199) | 10,083.77 | 464.46 |
| 22 34 36 19-0027 | EA | 199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A) | 12,913.86 | 510.91 |
| 22 34 36 19-0028 | EA | 250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250) | 11,653.53 | 522.51 |
| 22 34 36 19-0029 | EA | 250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A) | 14,185.94 | 574.77 |
| 22 34 36 19-0030 | EA | 300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A) | 18,570.40 | 702.49 |
| 22 34 36 19-0031 | EA | 399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A) | 19,517.74 | 766.36 |
| 22 34 36 19-0032 | EA | 499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A) | 22,459.98 | 830.22 |

## 22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters *(22 34 36)*

### 22 34 36 23-0001 Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm) *(22 34 36 23)*

Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.

| | | | | |
|---|---|---|---|---|
| 22 34 36 23-0002 | EA | 400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400) | 83,117.85 | 1,493.05 |
| 22 34 36 23-0003 | EA | 1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000) | 100,543.90 | 1,586.37 |
| 22 34 36 23-0004 | EA | 2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000) | 122,218.94 | 1,679.68 |
| 22 34 36 23-0005 | EA | 3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000) | 146,157.29 | 1,773.00 |
| 22 34 36 23-0006 | EA | 4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000) | 153,195.25 | 1,866.32 |

### 22 34 36 23-0007 Gas Fired Volume Water Heater (Laars Mighty Therm) *(22 34 36 23)*

| | | | | |
|---|---|---|---|---|
| 22 34 36 23-0008 | EA | 200 MBH Gas Fired Volume Water Heater (Laars MT2V0200) | 10,389.93 | 855.87 |
| 22 34 36 23-0009 | EA | 300 MBH Gas Fired Volume Water Heater (Laars MT2V0300) | 11,273.15 | 962.85 |
| 22 34 36 23-0010 | EA | 400 MBH Gas Fired Volume Water Heater (Laars MT2V0400) | 13,054.29 | 1,176.82 |
| 22 34 36 23-0011 | EA | 500 MBH Gas Fired Volume Water Heater (Laars MT2V0500) | 19,015.73 | 1,283.81 |
| 22 34 36 23-0012 | EA | 750 MBH Gas Fired Volume Water Heater (Laars MT2V0750) | 20,916.38 | 1,497.77 |
| 22 34 36 23-0013 | EA | 1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000) | 23,925.71 | 1,711.74 |
| 22 34 36 23-0014 | EA | 1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250) | 26,431.27 | 1,925.71 |
| 22 34 36 23-0015 | EA | 1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500) | 31,597.27 | 2,139.68 |
| 22 34 36 23-0016 | EA | 1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750) | 32,787.54 | 2,246.65 |
| 22 34 36 23-0017 | EA | 2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000) | 35,172.89 | 2,353.64 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 34 36 26** | | **Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters** *(22 34 36)* | | |
| 22 34 36 26-0001 | | Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36 26)* | | |
| 22 34 36 26-0002 | EA | 1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+) | 43,422.48 | 1,626.15 |
| 22 34 36 26-0003 | EA | 1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+) | 61,695.97 | 1,797.32 |
| 22 34 36 26-0004 | EA | 2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+) | 66,994.87 | 1,882.91 |
| 22 34 36 26-0005 | EA | 2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+) | 72,552.14 | 2,054.08 |
| 22 34 36 26-0006 | | Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)* | | |
| 22 34 36 26-0007 | EA | 1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos) | 38,374.23 | 1,626.15 |
| 22 34 36 26-0008 | EA | 1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos) | 42,392.90 | 1,797.32 |
| 22 34 36 26-0009 | EA | 2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos) | 46,404.16 | 1,882.91 |
| 22 34 36 26-0010 | EA | 2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos) | 50,411.24 | 2,054.08 |
| 22 34 36 26-0011 | | Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)* | | |
| 22 34 36 26-0012 | EA | 200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 9,599.45 | 770.28 |
| 22 34 36 26-0013 | EA | 300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 10,554.73 | 855.87 |
| 22 34 36 26-0014 | EA | 400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 12,380.34 | 1,027.04 |
| 22 34 36 26-0015 | EA | 500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 17,732.49 | 1,069.84 |
| 22 34 36 26-0016 | EA | 750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 19,460.46 | 1,283.81 |
| 22 34 36 26-0017 | EA | 1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 24,030.94 | 1,540.57 |
| 22 34 36 26-0018 | EA | 1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 27,407.06 | 1,626.15 |
| 22 34 36 26-0019 | EA | 1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 30,413.33 | 1,754.54 |
| 22 34 36 26-0020 | EA | 1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 33,252.78 | 1,840.12 |
| 22 34 36 26-0021 | EA | 2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) | 35,755.52 | 1,882.91 |
| 22 34 36 26-0022 | | Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)* | | |
| 22 34 36 26-0023 | EA | 700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific) | 32,290.56 | 1,283.81 |
| 22 34 36 26-0024 | EA | 1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific) | 35,457.57 | 1,540.57 |
| 22 34 36 26-0025 | EA | 1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific) | 47,643.04 | 1,754.54 |
| 22 34 36 26-0026 | EA | 1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific) | 49,057.78 | 1,840.12 |
| 22 34 36 26-0027 | EA | 2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific) | 51,386.78 | 1,882.91 |
| 22 34 36 26-0028 | | Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)* | | |
| 22 34 36 26-0029 | EA | 1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire) | 41,027.06 | 1,540.57 |
| 22 34 36 26-0030 | EA | 1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire) | 49,708.68 | 1,754.54 |
| 22 34 36 26-0031 | EA | 2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire) | 52,736.20 | 1,882.91 |
| **22 34 46** | | **Oil-Fired Domestic Water Heaters** *(22 34)* | | |
| **22 34 46 11** | | **Standard-capacity, Oil-Fired Domestic Water Heaters** *(22 34 46)* | | |
| 22 34 46 11-0001 | | Oil-Fired Domestic Water Heaters (Bock) *(22 34 46 11)*<br>Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent. | | |
| 22 34 46 11-0002 | EA | 60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E) | 2,168.29 | 178.82 |
| 22 34 46 11-0003 | EA | 104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E) | 2,138.06 | 178.82 |
| 22 34 46 11-0004 | EA | 104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES) | 2,235.19 | 178.82 |
| 22 34 46 11-0005 | EA | 125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E) | 2,362.55 | 183.46 |
| 22 34 46 11-0006 | EA | 140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES) | 3,024.77 | 188.10 |
| 22 34 46 11-0007 | EA | 152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E) | 2,544.46 | 188.10 |
| 22 34 46 11-0008 | | Oil Fired Commercial Water Heaters *(22 34 46 11)*<br>Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent. | | |
| 22 34 46 11-0009 | EA | 173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E) | 3,518.99 | 278.67 |
| 22 34 46 11-0010 | EA | 199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E) | 4,151.34 | 278.67 |
| 22 34 46 11-0011 | EA | 242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E) | 4,175.67 | 278.67 |
| 22 34 46 11-0012 | EA | 190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E) | 6,025.75 | 371.56 |
| 22 34 46 11-0013 | EA | 415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E) | 8,283.34 | 464.46 |
| 22 34 46 11-0014 | EA | 623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E) | 10,455.21 | 510.91 |

## 22 35 Domestic Water Heat Exchangers *(22 30)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 35 23** | | **Circulating, Domestic Water Heat Exchangers** *(22 35)* | | |
| **22 35 23 13** | | **Circulating, Compact Domestic Water Heat Exchangers** *(22 35 23)* | | |
| 22 35 23 13-0001 | | Steam Driven Water Heaters *(22 35 23 13)* | | |
| 22 35 23 13-0002 | | Constant Flow *(22 35 23 13-0001)* | | |
| 22 35 23 13-0003 | EA | 30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow | 6,444.69 | 580.57 |
| 22 35 23 13-0004 | EA | 90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow | 8,048.82 | 711.43 |
| 22 35 23 13-0005 | EA | 140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow | 10,314.47 | 930.43 |
| 22 35 23 13-0006 | EA | 230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow | 13,958.60 | 1,295.96 |
| 22 35 23 13-0007 | EA | 500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow | 20,605.06 | 2,134.42 |
| 22 35 23 13-0008 | EA | 900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow | 22,459.43 | 2,419.02 |
| 22 35 23 13-0009 | EA | 1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow | 29,458.32 | 2,791.17 |
| 22 35 23 13-0010 | EA | 2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow | 35,442.70 | 3,298.70 |
| 22 35 23 13-0011 | | Variable Flow *(22 35 23 13-0001)* | | |
| 22 35 23 13-0012 | EA | 30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow | 9,718.40 | 1,132.12 |
| 22 35 23 13-0013 | EA | 90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow | 11,018.38 | 1,382.35 |
| 22 35 23 13-0014 | EA | 140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow | 14,056.37 | 1,787.47 |
| 22 35 23 13-0015 | EA | 230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow | 18,439.36 | 2,493.91 |
| 22 35 23 13-0016 | EA | 500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow | 27,533.69 | 4,170.84 |
| 22 35 23 13-0017 | EA | 900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow | 33,490.58 | 4,593.16 |
| 22 35 23 13-0018 | EA | 1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow | 38,796.97 | 5,375.65 |
| 22 35 23 13-0019 | EA | 2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow | 49,115.35 | 6,422.31 |

## 22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

## 22 41 Residential Plumbing Fixtures *(22 40)*

| | | | | |
|---|---|---|---|---|
| **22 41 39** | | **Residential Faucets, Supplies, and Trim** *(22 41)* | | |
| 22 41 39 00-0001 | | Residential Kitchen Faucets *(22 41 39)* | | |
| 22 41 39 00-0002 | EA | Chrome Single Handle Kitchen Faucet (Delta 100LF-WF) | 182.66 | 53.46 |
| 22 41 39 00-0003 | EA | Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF) | 209.11 | 53.46 |
| 22 41 39 00-0004 | EA | Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF) | 209.11 | 53.46 |
| 22 41 39 00-0005 | EA | Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215) | 201.81 | 53.46 |
| 22 41 39 00-0006 | EA | Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215) | 216.01 | 53.46 |
| 22 41 39 00-0007 | | Residential Lavatory Faucets *(22 41 39)* | | |
| 22 41 39 00-0008 | EA | Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST) | 164.49 | 38.49 |
| 22 41 39 00-0009 | EA | Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF) | 164.49 | 38.49 |
| 22 41 39 00-0010 | EA | Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF) | 120.99 | 38.49 |
| 22 41 39 00-0011 | | Residential Bath And Shower Faucets *(22 41 39)* | | |
| 22 41 39 00-0012 | EA | Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501) | 213.28 | 46.41 |
| 22 41 39 00-0013 | EA | Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502) | 249.46 | 46.41 |
| 22 41 39 00-0014 | EA | Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275) | 197.51 | 46.41 |
| 22 41 39 00-0015 | EA | Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375) | 216.99 | 46.41 |
| 22 41 39 00-0016 | EA | Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602) | 238.94 | 29.03 |
| 22 41 39 00-0017 | EA | Wall Mount, Hand Shower With Hose (Delta 55011) | 200.20 | 29.03 |
| 22 41 39 00-0018 | EA | Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS) | 281.28 | 29.03 |
| 22 41 39 00-0019 | | Residential Laundry Faucets *(22 41 39)* | | |
| 22 41 39 00-0020 | EA | Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF) | 142.61 | 34.13 |
| 22 41 39 00-0021 | | Residential Laundry/Wash Basin Faucets *(22 41 39)* | | |
| 22 41 39 00-0022 | EA | Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF) | 143.70 | 34.13 |
| 22 41 39 00-0023 | EA | Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503) | 202.63 | 37.62 |
| 22 41 39 00-0024 | | Other Residential Faucets *(22 41 39)* | | |
| 22 41 39 00-0025 | EA | Sillcock, Compact, Brass, IPS Or Copper To Hose | 39.82 | 8.71 |

## 22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 42 13** | | **Commercial Water Closets, Urinals, and Bidets** *(22 42)* | | |
| **22 42 13 13** | | **Commercial Water Closets** *(22 42 13 13)* | | |
| 22 42 13 13-0001 | | Vitreous China Water Closets *(22 42 13 13)*<br>Note: With a 2" ball pass. | | |
| 22 42 13 13-0002 | | Floor Mounted Elongated Vitreous China Water Closets *(22 42 13 13-0001)*<br>Note: Includes wax seal and toilet seat. Excludes flush valve. | | |
| 22 42 13 13-0003 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™) | 626.14 | 111.20 |
| 22 42 13 13-0004 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Colorado) | 621.05 | 111.20 |
| 22 42 13 13-0005 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo®) | 724.57 | 111.20 |
| 22 42 13 13-0006 | EA | 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™) | 903.90 | 111.20 |
| 22 42 13 13-0007 | EA | 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™) | 820.74 | 111.20 |
| 22 42 13 13-0008 | EA | 1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E) | 655.18 | 111.20 |
| 22 42 13 13-0009 | | Wall Hung Elongated Vitreous China Water Closets *(22 42 13 13-0001)*<br>Note: Includes wax seal and toilet seat. Excludes flush valve. | | |
| 22 42 13 13-0010 | EA | Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®) | 728.01 | 136.87 |
| 22 42 13 13-0011 | EA | Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit) | 871.51 | 136.87 |
| 22 42 13 13-0012 | EA | 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™) | 1,066.11 | 136.87 |
| 22 42 13 13-0013 | EA | Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV) | 793.83 | 136.87 |
| 22 42 13 13-0014 | EA | Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL) | 695.55 | 136.87 |
| 22 42 13 13-0015 | EA | Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459) | 724.03 | 136.87 |
| 22 42 13 13-0016 | | Floor Mounted Elongated Handicapped Water Closets *(22 42 13 13-0001)*<br>Note: Includes wax seal and toilet seat. Excludes flush valve. | | |
| 22 42 13 13-0017 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA) | 633.30 | 111.20 |
| 22 42 13 13-0018 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®) | 645.75 | 111.20 |
| 22 42 13 13-0019 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®) | 700.62 | 111.20 |
| 22 42 13 13-0020 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron) | 768.50 | 111.20 |
| 22 42 13 13-0021 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA) | 765.67 | 111.20 |
| 22 42 13 13-0022 | EA | 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA) | 982.34 | 111.20 |
| 22 42 13 13-0023 | EA | 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA) | 846.57 | 111.20 |
| 22 42 13 13-0024 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN) | 689.20 | 111.20 |
| 22 42 13 13-0025 | | Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets *(22 42 13 13-0001)*<br>Note: Includes wax seal and toilet seat. Excludes flush valve. | | |
| 22 42 13 13-0026 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™) | 696.21 | 111.20 |
| 22 42 13 13-0027 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™) | 639.51 | 111.20 |
| 22 42 13 13-0028 | EA | 2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™) | 727.77 | 111.20 |
| 22 42 13 13-0029 | | Stainless Steel Water Closets *(22 42 13 13)* | | |
| 22 42 13 13-0030 | EA | Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS) | 3,777.41 | 240.59 |
| 22 42 13 13-0031 | EA | Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS) | 3,981.70 | 240.59 |
| 22 42 13 13-0032 | | Water Closet Carriers *(22 42 13 13)* | | |
| 22 42 13 13-0033 | | Pipe Grip Adaptor Type, Water Closet Carriers *(22 42 13 13-0032)*<br>Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings. | | |
| 22 42 13 13-0034 | EA | Pipe Grip Adaptor Type, Water Closet Carrier | 598.86 | 56.45 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 42 13 13-0035** | | **No-Hub, Water Closet Carriers** *(22 42 13 13-0032)*<br>Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot. | | |
| 22 42 13 13-0036 | EA | Vertical Close With Offset, No-Hub, Single Water Closet Carrier | 932.54 | 56.45 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-81.88* | |
| | | *For Positioning Frame, Add* | *52.55* | |
| | | *For Supply Pipe Support, Add* | *53.78* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Auxiliary Inlet, Add* | *228.56* | |
| | | *For Special Duty 500 LB Carrier, Add* | *388.67* | |
| 22 42 13 13-0037 | EA | Vertical Close On Stack, No-Hub, Single Water Closet Carrier | 932.54 | 56.45 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-81.88* | |
| | | *For Positioning Frame, Add* | *52.55* | |
| | | *For Supply Pipe Support, Add* | *53.78* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Auxiliary Inlet, Add* | *228.56* | |
| | | *For Special Duty 500 LB Carrier, Add* | *388.67* | |
| 22 42 13 13-0038 | EA | Horizontal Adjustable, No-Hub, Single Water Closet Carrier | 1,019.31 | 56.45 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-81.88* | |
| | | *For Positioning Frame, Add* | *52.55* | |
| | | *For Supply Pipe Support, Add* | *53.78* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Auxiliary Inlet, Add* | *228.56* | |
| | | *For Horizontal No Hub Cast Long Barrel, Add* | *235.89* | |
| | | *For Carrier For Wide Chase Installations, Add* | *309.22* | |
| | | *For Special Duty 1,000 LB Carrier, Add* | *388.68* | |
| 22 42 13 13-0039 | EA | Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier | 1,130.54 | 56.45 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-81.88* | |
| | | *For Positioning Frame, Add* | *52.55* | |
| | | *For Supply Pipe Support, Add* | *53.78* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For 4" Branch, Add* | *180.90* | |
| | | *For Auxiliary Inlet, Add* | *228.56* | |
| | | *For Carrier For Wide Chase Installations, Add* | *309.22* | |
| | | *For Double 4" Branches, Add* | *363.00* | |
| | | *For Special Duty 1,000 LB Carrier, Add* | *388.68* | |
| 22 42 13 13-0040 | EA | Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier | 1,554.17 | 82.86 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-163.75* | |
| | | *For Positioning Frame, Add* | *113.13* | |
| | | *For Supply Pipe Support, Add* | *115.58* | |
| | | *For Vandal Proof Trim, Add* | *139.35* | |
| | | *For Auxiliary Inlet, Add* | *244.59* | |
| | | *For Special Duty 500 LB Carrier, Add* | *777.33* | |
| 22 42 13 13-0041 | EA | Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier | 1,598.18 | 82.86 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-163.75* | |
| | | *For Positioning Frame, Add* | *113.13* | |
| | | *For Supply Pipe Support, Add* | *115.58* | |
| | | *For Vandal Proof Trim, Add* | *139.35* | |
| | | *For Auxiliary Inlet, Add* | *244.59* | |
| | | *For Special Duty 500 LB Carrier, Add* | *777.33* | |
| 22 42 13 13-0042 | EA | Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier | 1,948.95 | 82.86 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-163.75* | |
| | | *For Positioning Frame, Add* | *113.13* | |
| | | *For Supply Pipe Support, Add* | *115.58* | |
| | | *For Vandal Proof Trim, Add* | *139.35* | |
| | | *For 4" Branch, Add* | *188.92* | |
| | | *For Auxiliary Inlet, Add* | *244.59* | |
| | | *For Double 4" Branches, Add* | *379.03* | |
| | | *For Carrier For Wide Chase Installations, Add* | *666.56* | |
| | | *For Special Duty 1,000 LB Carrier, Add* | *777.35* | |
| 22 42 13 13-0043 | EA | Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier | 1,834.06 | 82.86 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-163.75* | |
| | | *For Positioning Frame, Add* | *113.13* | |
| | | *For Supply Pipe Support, Add* | *115.58* | |
| | | *For Vandal Proof Trim, Add* | *139.35* | |
| | | *For Horizontal No Hub Cast Long Barrel, Add* | *243.91* | |
| | | *For Carrier For Wide Chase Installations, Add* | *666.56* | |
| | | *For Special Duty 1,000 LB Carrier, Add* | *777.35* | |
| **22 42 13 13-0044** | | **Hub And Spigot, Water Closet Carriers** *(22 42 13 13-0032)*<br>Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot. | | |
| 22 42 13 13-0045 | EA | Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier | 932.54 | 56.45 |
| | | *For Positioning Frame, Add* | *52.55* | |
| | | *For Supply Pipe Support, Add* | *53.78* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Hanger Type Closet Adapter, Add* | *174.78* | |
| | | *For Auxiliary Inlet, Add* | *228.56* | |
| 22 42 13 13-0046 | EA | Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier | 932.54 | 56.45 |
| | | *For Positioning Frame, Add* | *52.55* | |
| | | *For Supply Pipe Support, Add* | *53.78* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Auxiliary Inlet, Add* | *228.56* | |
| | | *For Special Duty 500 LB Carrier, Add* | *388.67* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 13 13-0047 | EA | Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier | 1,172.09 | 56.45 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-81.88* | |
| | | *For Positioning Frame, Add* | *52.55* | |
| | | *For Supply Pipe Support, Add* | *53.78* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For 4" Branch, Add* | *180.90* | |
| | | *For Auxiliary Inlet, Add* | *228.56* | |
| | | *For Carrier For Wide Chase Installations, Add* | *309.22* | |
| | | *For Double 4" Branches, Add* | *363.00* | |
| | | *For Special Duty 1,000 LB Carrier, Add* | *388.68* | |
| 22 42 13 13-0048 | EA | Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier | 1,554.17 | 82.86 |
| | | *For Positioning Frame, Add* | *113.13* | |
| | | *For Supply Pipe Support, Add* | *115.58* | |
| | | *For Vandal Proof Trim, Add* | *139.35* | |
| | | *For Auxiliary Inlet, Add* | *244.59* | |
| | | *For Hanger Type Closet Adapter, Add* | *349.56* | |
| 22 42 13 13-0049 | EA | Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier | 1,990.51 | 82.86 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-163.75* | |
| | | *For Positioning Frame, Add* | *113.13* | |
| | | *For Supply Pipe Support, Add* | *115.58* | |
| | | *For Vandal Proof Trim, Add* | *139.35* | |
| | | *For 4" Branch, Add* | *188.92* | |
| | | *For Auxiliary Inlet, Add* | *244.59* | |
| | | *For Double 4" Branches, Add* | *379.03* | |
| | | *For Carrier For Wide Chase Installations, Add* | *666.56* | |
| | | *For Special Duty 1,000 LB Carrier, Add* | *777.35* | |

### 22 42 13 13-0050 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers
*(22 42 13 13-0032)*

Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.

| | | | | |
|---|---|---|---|---|
| 22 42 13 13-0051 | EA | Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier | 718.64 | 56.45 |
| | | *For Positioning Frame, Add* | *52.55* | |
| | | *For Supply Pipe Support, Add* | *53.78* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Hanger Type Closet Adapter, Add* | *174.78* | |

### 22 42 13 13-0052 Institutional Water Closet Carriers *(22 42 13 13-0032)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.

| | | | | |
|---|---|---|---|---|
| 22 42 13 13-0053 | EA | Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier | 2,557.64 | 82.86 |
| | | *For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct* | *-163.75* | |
| | | *For Positioning Frame, Add* | *113.13* | |
| | | *For Supply Pipe Support, Add* | *115.58* | |
| | | *For Vandal Proof Trim, Add* | *139.35* | |
| | | *For Auxiliary Inlet, Add* | *244.59* | |

### 22 42 13 13-0054 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

| | | | | |
|---|---|---|---|---|
| 22 42 13 13-0055 | EA | Removal And Reinstallation Of Wall Hung Water Closet With Tank | 488.61 | |
| 22 42 13 13-0056 | EA | Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve | 488.61 | |
| 22 42 13 13-0057 | EA | Removal And Reinstallation Of Floor Mount Water Closet With Tank | 375.74 | |
| 22 42 13 13-0058 | EA | Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve | 375.74 | |

## 22 42 13 16 Commercial Urinals *(22 42 13)*

### 22 42 13 16-0001 Vitreous China Urinals *(22 42 13 16)*

Note: Excludes flush valve unless indicated otherwise.

### 22 42 13 16-0002 Wall Hung Urinals *(22 42 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 13 16-0003 | EA | Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™) | 590.24 | 114.42 |
| 22 42 13 16-0004 | EA | Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®) | 715.93 | 114.42 |
| 22 42 13 16-0005 | EA | Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™) | 780.82 | 114.42 |
| 22 42 13 16-0006 | EA | Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™) | 713.88 | 114.42 |
| 22 42 13 16-0007 | EA | Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™) | 607.78 | 114.42 |
| 22 42 13 16-0008 | EA | Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV) | 732.34 | 114.42 |
| 22 42 13 16-0009 | EA | Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV) | 630.77 | 114.42 |

### 22 42 13 16-0010 Floor Mounted Urinals *(22 42 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 13 16-0011 | EA | Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™) | 973.94 | 144.35 |

### 22 42 13 16-0012 Waterfree Urinals *(22 42 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 13 16-0013 | EA | Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free) | 645.04 | 80.20 |
| 22 42 13 16-0014 | EA | Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000) | 1,093.07 | 80.20 |
| | | *For Colored Fixtures, Add* | *66.90* | |
| | | *For >1, Deduct* | *-94.14* | |
| 22 42 13 16-0015 | EA | Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000) | 946.42 | 80.20 |
| | | *For Colored Fixtures, Add* | *66.90* | |
| | | *For >1, Deduct* | *-77.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 13 16-0016 | EA | Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000) | 734.26 | 80.20 |
| | | *For Colored Fixtures, Add* | *66.90* | |
| | | *For >1, Deduct* | *-53.23* | |
| 22 42 13 16-0017 | EA | Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000) | 734.26 | 80.20 |
| | | *For Colored Fixtures, Add* | *66.90* | |
| | | *For >1, Deduct* | *-53.23* | |
| 22 42 13 16-0018 | EA | Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000) | 900.94 | 80.20 |
| | | *For Colored Fixtures, Add* | *66.90* | |
| | | *For >1, Deduct* | *-72.23* | |
| 22 42 13 16-0019 | EA | Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000) | 1,346.60 | 80.20 |
| | | *For >1, Deduct* | *-123.04* | |

### 22 42 13 16-0020 Stainless Steel Urinals *(22 42 13 16)*

| | | | | |
|---|---|---|---|---|
| 22 42 13 16-0021 | EA | Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1) | 3,892.33 | 240.59 |
| 22 42 13 16-0022 | EA | 5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C) | 5,048.43 | 294.05 |

### 22 42 13 16-0023 Urinal Carriers *(22 42 13 16)*

### 22 42 13 16-0024 Floor Mounted, Urinal Carriers *(22 42 13 16-0023)*

Note: Includes adjustable supporting rods, structural uprights and welded feet.

| | | | | |
|---|---|---|---|---|
| 22 42 13 16-0025 | EA | Floor Mounted Hanger Plate Type, Single Urinal Carrier | 523.71 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *25.66* | |
| 22 42 13 16-0026 | EA | Floor Mounted Bearing Plate Type, Single Urinal Carrier | 570.15 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *25.66* | |

### 22 42 13 16-0027 Wall Mounted, Urinal Carriers *(22 42 13 16-0023)*

Note: Includes wall plate and adjustable supporting rods.

| | | | | |
|---|---|---|---|---|
| 22 42 13 16-0028 | EA | Wall Mounted Hanger Plate Type, Single Urinal Carrier | 234.04 | 40.64 |
| | | *For Up To 6-1/2" Extension Sleeves And Hardware, Add* | *25.66* | |

### 22 42 13 16-0029 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 16)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

| | | | | |
|---|---|---|---|---|
| 22 42 13 16-0030 | EA | Removal And Reinstallation Of Wall Hung Urinal With Flush Valve | 487.11 | |

## 22 42 16 Commercial Lavatories and Sinks *(22 42)*

### 22 42 16 13 Commercial Lavatories *(22 42 16)*

### 22 42 16 13-0001 Lavatories *(22 42 16 13)*

Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.

### 22 42 16 13-0002 Wall Hung Lavatories *(22 42 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 16 13-0003 | EA | 19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™) | 587.97 | 71.64 |
| 22 42 16 13-0004 | EA | 20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™) | 614.77 | 71.64 |
| 22 42 16 13-0005 | EA | 22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™) | 764.91 | 71.64 |
| 22 42 16 13-0006 | EA | 18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™) | 539.09 | 71.64 |
| 22 42 16 13-0007 | EA | 19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™) | 464.20 | 71.64 |
| 22 42 16 13-0008 | EA | 20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®) | 587.53 | 71.64 |
| 22 42 16 13-0009 | EA | 27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users) | 692.82 | 71.64 |
| 22 42 16 13-0010 | EA | 20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™) | 551.71 | 71.64 |
| 22 42 16 13-0011 | EA | 20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™) | 486.27 | 71.64 |

### 22 42 16 13-0012 Countertop Lavatories *(22 42 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 16 13-0013 | EA | 21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval) | 551.88 | 86.61 |
| 22 42 16 13-0014 | EA | 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™) | 581.50 | 86.61 |
| 22 42 16 13-0015 | EA | 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™) | 613.02 | 86.61 |
| 22 42 16 13-0016 | EA | 24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®) | 789.90 | 93.56 |

### 22 42 16 13-0017 Undercounter Lavatories *(22 42 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 16 13-0018 | EA | 15" x 12" Vitreous China Undercounter Lavatory (American Standard Ovalyn™) | 539.29 | 86.61 |
| 22 42 16 13-0019 | EA | 17" x 14" Vitreous China Undercounter Lavatory (American Standard Ovalyn™) | 505.74 | 86.61 |
| 22 42 16 13-0020 | EA | 19" x 16" Vitreous China Undercounter Lavatory (American Standard Ovalyn™) | 505.74 | 86.61 |
| 22 42 16 13-0021 | EA | 21" x 17" Vitreous China Undercounter Lavatory (American Standard Ovalyn™) | 546.45 | 86.61 |
| 22 42 16 13-0022 | EA | 15" x 12" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®) | 520.79 | 86.61 |
| 22 42 16 13-0023 | EA | 17" x 14" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®) | 514.60 | 86.61 |
| 22 42 16 13-0024 | EA | 19" x 15" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®) | 520.90 | 86.61 |
| 22 42 16 13-0025 | EA | 18" x 12" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®) | 659.80 | 86.61 |
| 22 42 16 13-0026 | EA | 21" x 14" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®) | 659.80 | 86.61 |

### 22 42 16 13-0027 Pedestal Lavatories *(22 42 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 16 13-0028 | EA | 19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™) | 676.16 | 205.83 |

### 22 42 16 13-0029 Cultured Marble Vanity Tops *(22 42 16 13-0001)*

Note: Includes predrilled holes for faucet.

| | | | | |
|---|---|---|---|---|
| 22 42 16 13-0030 | EA | 25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 364.06 | 80.20 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 16 13-0031 | EA | 31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 407.45 | 85.54 |
| 22 42 16 13-0032 | EA | 37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 484.00 | 90.88 |
| 22 42 16 13-0033 | EA | 49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 648.82 | 96.23 |
| 22 42 16 13-0034 | EA | 25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 388.15 | 80.20 |
| 22 42 16 13-0035 | EA | 31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 414.23 | 85.54 |
| 22 42 16 13-0036 | EA | 37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 524.09 | 90.88 |
| 22 42 16 13-0037 | EA | 43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 568.03 | 93.56 |
| 22 42 16 13-0038 | EA | 49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink | 631.87 | 96.23 |
| 22 42 16 13-0039 | | **Quartz Vanity Tops** *(22 42 16 13-0001)*<br>Note: Includes predrilled holes for faucet. | | |
| 22 42 16 13-0040 | EA | 25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink | 709.53 | 80.20 |
| 22 42 16 13-0041 | EA | 31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink | 739.98 | 85.54 |
| 22 42 16 13-0042 | EA | 37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink | 844.68 | 90.88 |
| 22 42 16 13-0043 | EA | 43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink | 851.38 | 93.56 |
| 22 42 16 13-0044 | EA | 49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink | 925.02 | 96.23 |
| 22 42 16 13-0045 | EA | 61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks | 1,221.55 | 101.58 |
| 22 42 16 13-0046 | EA | 73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks | 1,433.48 | 106.91 |
| 22 42 16 13-0047 | EA | 22" End Splash For Quartz Vanity Tops | 38.74 | |
| 22 42 16 13-0048 | | **Solid Surface Vanity Tops** *(22 42 16 13-0001)*<br>Note: Includes predrilled holes for faucet. | | |
| 22 42 16 13-0049 | EA | 25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink | 603.07 | 80.20 |
| 22 42 16 13-0050 | EA | 31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink | 672.90 | 85.54 |
| 22 42 16 13-0051 | EA | 37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink | 751.87 | 90.88 |
| 22 42 16 13-0052 | EA | 43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink | 823.20 | 93.56 |
| 22 42 16 13-0053 | EA | 49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink | 888.51 | 96.23 |
| 22 42 16 13-0054 | EA | 55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink | 974.27 | 98.90 |
| 22 42 16 13-0055 | EA | 61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink | 1,079.27 | 101.58 |
| 22 42 16 13-0056 | EA | 61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks | 1,105.13 | 101.58 |
| 22 42 16 13-0057 | EA | 73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks | 1,190.15 | 106.91 |
| 22 42 16 13-0058 | EA | 22" End Splash For Solid Surface Vanity Tops | 56.89 | |
| 22 42 16 13-0059 | | **Stainless Steel Lavatories** *(22 42 16 13-0001)* | | |
| 22 42 16 13-0060 | EA | 18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1) | 1,954.66 | 187.12 |
| 22 42 16 13-0061 | | **Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)*<br>Note: ADA compliant. Includes integral faucets. | | |
| 22 42 16 13-0062 | EA | 2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2) | 5,938.89 | 140.99 |
| | | *For Integral Liquid Soap Dispenser, Add* | *171.00* | |
| | | *For Integral Photovoltaic Power Panels, Add* | *563.00* | |
| 22 42 16 13-0063 | EA | 3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3) | 8,715.62 | 140.99 |
| | | *For Integral Liquid Soap Dispenser, Add* | *171.00* | |
| | | *For Integral Photovoltaic Power Panels, Add* | *657.00* | |
| 22 42 16 13-0064 | EA | 12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12) | 399.82 | 47.00 |
| 22 42 16 13-0065 | EA | 18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18) | 496.51 | 47.00 |
| 22 42 16 13-0066 | EA | 36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36) | 988.98 | 47.00 |
| 22 42 16 13-0067 | | **Lavatory Carriers** *(22 42 16 13)* | | |
| 22 42 16 13-0068 | | **Floor Mounted, Lavatory Carriers** *(22 42 16 13-0067)* | | |
| 22 42 16 13-0069 | | **Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0068)*<br>Note: Includes adjustable supporting rods, structural uprights and welded feet. | | |
| 22 42 16 13-0070 | EA | Floor Mounted Hanger Plate Type, Single Lavatory Carrier | 523.71 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *90.62* | |
| | | *For Corner Carrier, Add* | *176.37* | |
| 22 42 16 13-0071 | EA | Floor Mounted Bearing Plate Type, Single Lavatory Carrier | 570.15 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *90.62* | |
| 22 42 16 13-0072 | EA | Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier | 652.05 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *51.33* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *181.24* | |
| 22 42 16 13-0073 | EA | Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier | 746.16 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *51.33* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *181.24* | |
| 22 42 16 13-0074 | | **Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 13-0068)*<br>Note: Includes leveling and securing screws, structural uprights and welded feet. | | |
| 22 42 16 13-0075 | EA | Floor Mounted, Single Lavatory Carrier With Concealed Arms | 673.43 | 48.12 |
| | | *For Up To 6-1/2" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For Concealed Arm Carrier For Wheelchair Lavatory, Add* | *35.45* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *92.76* | |
| | | *For 2" Chrome Plated Escutcheons, Add* | *86.78* | |
| | | *For 4" Or 6" Chrome Plated Escutcheons, Add* | *157.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 16 13-0076 | EA | Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms | 898.32 | 48.12 |
| | | *For Up To 4-1/2" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *92.76* | |
| | | *For Heavy Duty Carrier, Add* | *89.22* | |
| 22 42 16 13-0077 | EA | Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms | 897.09 | 48.12 |
| | | *For Up To 6-1/2" Extension Sleeves And Hardware, Add* | *51.33* | |
| | | *For Concealed Arm Carrier For Wheelchair Lavatory, Add* | *70.90* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *185.51* | |
| | | *For 2" Chrome Plated Escutcheons, Add* | *173.55* | |
| | | *For 4" Or 6" Chrome Plated Escutcheons, Add* | *315.33* | |
| 22 42 16 13-0078 | EA | Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms | 1,327.33 | 48.12 |
| | | *For Up To 4-1/2" Extension Sleeves And Hardware, Add* | *51.33* | |
| | | *For Vandal Proof Trim, Add* | *139.35* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *185.51* | |
| | | *For Heavy Duty Carrier, Add* | *178.44* | |

### 22 42 16 13-0079 Wall Mounted, Lavatory Carriers *(22 42 16 13-0067)*

### 22 42 16 13-0080 Wall Mounted Plate Type, Lavatory Carriers *(22 42 16 13-0079)*

Note: Includes wall plate and adjustable supporting rods.

| | | | | |
|---|---|---|---|---|
| 22 42 16 13-0081 | EA | Wall Mounted Hanger Plate Type, Single Lavatory Carrier | 234.04 | 40.64 |
| | | *For Double Plate Carrier, Add* | *69.94* | |

### 22 42 16 13-0082 Wall Mounted Plate Type, Lavatory Carriers With Arms *(22 42 16 13-0079)*

Note: Includes wall plate and leveling and securing screws.

| | | | | |
|---|---|---|---|---|
| 22 42 16 13-0083 | EA | Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms | 388.65 | 48.12 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For 2" Chrome Plated Escutcheons, Add* | *86.78* | |
| 22 42 16 13-0084 | EA | Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms | 457.10 | 48.12 |
| | | *For Movable Mounting Brackets, Deduct* | *-65.99* | |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For 2" Chrome Plated Escutcheons, Add* | *86.78* | |
| | | *For 4" Or 6" Chrome Plated Escutcheons, Add* | *157.67* | |
| 22 42 16 13-0085 | EA | Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms | 668.54 | 48.12 |
| | | *For Up To 4-1/2" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |

### 22 42 16 13-0086 Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

| | | | | |
|---|---|---|---|---|
| 22 42 16 13-0087 | EA | Removal And Reinstallation Of Wall Hung Lavatory With Faucet | 314.49 | |

## 22 42 16 16 Commercial Sinks *(22 42 16)*

### 22 42 16 16-0001 Sinks *(22 42 16 16)*

Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.

### 22 42 16 16-0002 Kitchen Sinks *(22 42 16 16-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 16 16-0003 | EA | 25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®) | 720.74 | 100.51 |
| 22 42 16 16-0004 | EA | 22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®) | 927.98 | 114.42 |
| 22 42 16 16-0005 | EA | 15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517) | 854.96 | 98.37 |
| 22 42 16 16-0006 | EA | 17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722) | 875.20 | 98.37 |
| 22 42 16 16-0007 | EA | 22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222) | 920.75 | 98.37 |
| 22 42 16 16-0008 | EA | 25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522) | 963.94 | 100.51 |
| 22 42 16 16-0009 | EA | 31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122) | 1,203.81 | 114.42 |
| 22 42 16 16-0010 | EA | 33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321) | 1,228.28 | 114.42 |
| 22 42 16 16-0011 | EA | 15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710) | 1,183.05 | 98.37 |
| 22 42 16 16-0012 | EA | 17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210) | 1,205.82 | 98.37 |
| 22 42 16 16-0013 | EA | 22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210) | 1,263.18 | 98.37 |
| 22 42 16 16-0014 | EA | 25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210) | 1,342.64 | 100.51 |
| 22 42 16 16-0015 | EA | 31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210) | 1,616.24 | 114.42 |
| 22 42 16 16-0016 | EA | 33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322) | 1,551.31 | 114.42 |

### 22 42 16 16-0017 Undermount Kitchen Sinks *(22 42 16 16-0001)*

| | | | | |
|---|---|---|---|---|
| 22 42 16 16-0018 | EA | 21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99) | 1,061.53 | 98.37 |
| 22 42 16 16-0019 | EA | 21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99) | 1,059.07 | 98.37 |
| 22 42 16 16-0020 | EA | 21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99) | 1,069.97 | 98.37 |
| 22 42 16 16-0021 | EA | 21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99) | 1,127.32 | 98.37 |

### 22 42 16 16-0022 Multi-Station Wash Sink, Wall Mounted *(22 42 16 16-0001)*

Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.

| | | | | |
|---|---|---|---|---|
| 22 42 16 16-0023 | EA | 36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets. | 1,931.78 | 173.76 |
| 22 42 16 16-0024 | EA | 48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets. | 2,556.21 | 187.12 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 16 16-0025 | EA | 60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) | 2,929.72 | 200.48 |
| | | Note: Excludes faucets. | | |
| 22 42 16 16-0026 | EA | 48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) | 2,143.54 | 133.66 |
| | | Note: Excludes faucets. | | |
| 22 42 16 16-0027 | EA | 62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) | 2,377.52 | 147.02 |
| | | Note: Excludes faucets. | | |
| 22 42 16 16-0028 | EA | 80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) | 2,606.97 | 160.39 |
| | | Note: Excludes faucets. | | |
| 22 42 16 16-0029 | EA | 102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) | 2,892.61 | 180.44 |
| | | Note: Excludes faucets. | | |
| 22 42 16 16-0030 | EA | 27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain | 2,759.43 | 294.05 |
| | | Note: Includes sensor operated spray heads. | | |
| 22 42 16 16-0031 | | Utility Or Laundry Sinks *(22 42 16 16-0001)* | | |
| 22 42 16 16-0032 | EA | 23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1) | 662.67 | 114.42 |
| 22 42 16 16-0033 | EA | 40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II) | 760.34 | 114.42 |
| 22 42 16 16-0034 | EA | 22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1) | 660.74 | 114.42 |
| 22 42 16 16-0035 | EA | 24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210) | 1,005.95 | 114.42 |
| 22 42 16 16-0036 | EA | 48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220) | 1,423.59 | 128.31 |
| 22 42 16 16-0037 | | Refinish Sink/Lavatory *(22 42 16 16-0001)* | | |
| 22 42 16 16-0038 | EA | Refinish Sink/Lavatory | 245.73 | |
| 22 42 16 16-0039 | | Service Sinks *(22 42 16 16-0001)* | | |
| 22 42 16 16-0040 | EA | 22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™) | 1,034.04 | 172.15 |
| 22 42 16 16-0041 | EA | 24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™) | 1,087.32 | 172.15 |
| 22 42 16 16-0042 | EA | 28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™) | 1,359.21 | 227.75 |
| 22 42 16 16-0043 | EA | 12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F) | 574.34 | 160.39 |
| 22 42 16 16-0044 | EA | 24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424) | 659.40 | 160.39 |
| 22 42 16 16-0045 | EA | 36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624) | 728.34 | 192.46 |
| 22 42 16 16-0046 | EA | 24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010) | 603.50 | 160.39 |
| 22 42 16 16-0047 | EA | 36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010) | 687.23 | 192.46 |
| 22 42 16 16-0048 | EA | 24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24) | 896.62 | 160.39 |
| 22 42 16 16-0049 | EA | 36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624) | 1,105.81 | 192.46 |
| 22 42 16 16-0050 | | Stainless Steel Sink And Drainboard *(22 42 16 16-0001)* | | |
| 22 42 16 16-0051 | EA | Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drainboard, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L) | 3,708.21 | 267.31 |
| 22 42 16 16-0052 | | Soapstone Sinks *(22 42 16 16-0001)* | | |
| 22 42 16 16-0053 | EA | 26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink | 1,087.56 | 98.37 |
| 22 42 16 16-0054 | SF | Soapstone Sink Backsplash | 167.69 | |
| 22 42 16 16-0055 | EA | 30" x 18-1/2" x 10" Single Bowl Soapstone Sink | 1,384.81 | 114.42 |
| 22 42 16 16-0056 | EA | 36" x 18-1/2" x 10" Double Bowl Soapstone Sink | 1,619.17 | 114.42 |
| 22 42 16 16-0057 | | Sink Carriers *(22 42 16 16)* | | |
| 22 42 16 16-0058 | | Floor Mounted, Sink Carriers *(22 42 16 16-0057)* | | |
| | | Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim. | | |
| 22 42 16 16-0059 | EA | Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling | 762.04 | 40.64 |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Valve Plate For Attaching To Upright, Add* | *90.62* | |
| 22 42 16 16-0060 | EA | Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting | 1,181.27 | 40.64 |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| | | *For Auxiliary Vent, Add* | *206.74* | |
| 22 42 16 16-0061 | EA | Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms | 1,479.51 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *52.55* | |
| | | *For Vandal Proof Trim, Add* | *69.67* | |
| 22 42 16 16-0062 | | Removal And Reinstallation Of Sink And Trim *(22 42 16 16)* | | |
| | | Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture. | | |
| 22 42 16 16-0063 | EA | Removal And Reinstallation Of Wall Hung Service Sink With Faucet | 431.15 | |

## 22 42 19 Commercial Bathtubs *(22 42)*

22 42 19 00-0001 Recessed Alcove Bathtubs *(22 42 19)*

22 42 19 00-0002 Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs *(22 42 19 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 19 00-0003 | EA | 54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™) | 1,500.41 | 297.25 |
| 22 42 19 00-0004 | EA | 60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®) | 1,290.61 | 297.25 |
| 22 42 19 00-0005 | EA | 60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®) | 1,505.68 | 297.25 |
| 22 42 19 00-0006 | EA | 66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®) | 1,927.63 | 297.25 |
| 22 42 19 00-0007 | | Porcelain Enameled Steel, Recessed Alcove Bathtubs *(22 42 19 00-0001)* | | |
| 22 42 19 00-0008 | EA | 60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®) | 684.51 | 297.25 |
| 22 42 19 00-0009 | EA | 60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®) | 699.53 | 297.25 |
| 22 42 19 00-0010 | | Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs *(22 42 19 00-0001)* | | |
| 22 42 19 00-0011 | EA | 60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™) | 995.30 | 297.25 |
| 22 42 19 00-0012 | | Acrylic, Recessed Alcove Bathtubs *(22 42 19 00-0001)* | | |
| 22 42 19 00-0013 | EA | 60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®) | 1,023.71 | 297.25 |
| 22 42 19 00-0014 | EA | 60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) | 1,205.35 | 297.25 |
| 22 42 19 00-0015 | EA | 66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) | 1,228.81 | 297.25 |
| 22 42 19 00-0016 | EA | 72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) | 1,214.39 | 297.25 |
| 22 42 19 00-0017 | EA | 72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®) | 1,266.26 | 297.25 |
| 22 42 19 00-0018 | | Bathtub Refinishing *(22 42 19 00-0001)* | | |
| 22 42 19 00-0019 | EA | Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel | 606.40 | |
| 22 42 19 00-0020 | | Tub And Shower Combinations *(22 42 19)* | | |
| 22 42 19 00-0021 | | Acrylic Tub And Shower Combination *(22 42 19 00-0020)* | | |
| 22 42 19 00-0022 | EA | 1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032) | 1,139.72 | 101.51 |
| | | *For 2 Piece Enclosure, Deduct* | *-248.31* | |
| 22 42 19 00-0023 | | Fiberglass Tub And Shower Combination *(22 42 19 00-0020)* | | |
| 22 42 19 00-0024 | EA | 1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG) | 820.65 | 101.51 |
| 22 42 19 00-0025 | EA | 2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P) | 651.84 | 67.67 |
| 22 42 19 00-0026 | EA | 4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P) | 1,300.94 | 153.21 |
| **22 42 23** | | **Commercial Showers** *(22 42)* | | |
| 22 42 23 00-0001 | | Shower Enclosures *(22 42 23)* | | |
| | | Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain. | | |
| 22 42 23 00-0002 | | Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)* | | |
| 22 42 23 00-0003 | EA | 32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) | 1,552.54 | 172.46 |
| 22 42 23 00-0004 | EA | 36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) | 1,552.54 | 172.46 |
| 22 42 23 00-0005 | EA | 40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) | 2,325.42 | 172.46 |
| 22 42 23 00-0006 | EA | 40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions) | 2,554.86 | 172.46 |
| 22 42 23 00-0007 | | Solid Plastic Core High Density Polymer (HDP) Shower Enclosure *(22 42 23 00-0001)* | | |
| 22 42 23 00-0008 | EA | 32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions) | 2,530.71 | 172.46 |
| 22 42 23 00-0009 | EA | 36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions) | 2,530.71 | 172.46 |
| 22 42 23 00-0010 | EA | 40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions) | 3,617.57 | 172.46 |
| 22 42 23 00-0011 | EA | 40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions) | 4,040.24 | 172.46 |
| 22 42 23 00-0012 | | 1 Piece Shower Units *(22 42 23)* | | |
| 22 42 23 00-0013 | EA | 1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232) | 1,097.74 | 101.51 |
| 22 42 23 00-0014 | EA | 1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636) | 1,228.72 | 101.51 |
| 22 42 23 00-0015 | | Personnel Type Shower Receptors *(22 42 23)* | | |
| 22 42 23 00-0016 | | Acrylic Shower Receptors *(22 42 23 00-0015)* | | |
| 22 42 23 00-0017 | EA | 36" x 36" Acrylic Shower Receptor | 447.39 | 43.55 |
| 22 42 23 00-0018 | EA | 42" x 42" Acrylic Shower Receptor | 472.60 | 43.55 |
| 22 42 23 00-0019 | EA | 48" x 48" Acrylic Shower Receptor | 522.94 | 43.55 |
| 22 42 23 00-0020 | EA | 60" x 60" Acrylic Shower Receptor | 635.89 | 52.26 |
| 22 42 23 00-0021 | EA | 48" x 32" Acrylic Shower Receptor | 448.58 | 43.55 |
| 22 42 23 00-0022 | EA | 48" x 36" Acrylic Shower Receptor | 481.73 | 43.55 |
| 22 42 23 00-0023 | EA | 48" x 42" Acrylic Shower Receptor | 543.41 | 43.55 |
| 22 42 23 00-0024 | EA | 60" x 30" Acrylic Shower Receptor | 712.25 | 77.31 |
| 22 42 23 00-0025 | EA | 60" x 32" Acrylic Shower Receptor | 604.52 | 52.26 |
| 22 42 23 00-0026 | EA | 60" x 36" Acrylic Shower Receptor | 608.79 | 52.26 |
| 22 42 23 00-0027 | EA | 60" x 42" Acrylic Shower Receptor | 612.70 | 52.26 |
| 22 42 23 00-0028 | EA | 60" x 48" Acrylic Shower Receptor | 673.98 | 52.26 |
| 22 42 23 00-0029 | EA | 36" x 36" Acrylic Corner Shower Receptor | 649.45 | 43.55 |
| 22 42 23 00-0030 | EA | 42" x 42" Acrylic Corner Shower Receptor | 744.59 | 43.55 |
| 22 42 23 00-0031 | EA | 47-1/2" x 47-1/2" Acrylic Corner Shower Receptor | 1,048.52 | 73.44 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 42 23 00-0032** | | **Molded Stone Shower Receptors** *(22 42 23 00-0015)* | | |
| 22 42 23 00-0033 | EA | 32" x 32" Molded Stone Shower Receptor (Fiat 32WL) | 300.81 | 43.55 |
| 22 42 23 00-0034 | EA | 34" x 34" Molded Stone Shower Receptor (Fiat 34WL) | 315.03 | 43.55 |
| 22 42 23 00-0035 | EA | 36" x 36" Molded Stone Shower Receptor (Fiat 36WL) | 316.62 | 43.55 |
| 22 42 23 00-0036 | EA | 42" x 42" Molded Stone Shower Receptor (Fiat 4242WL) | 386.94 | 43.55 |
| 22 42 23 00-0037 | EA | 42" x 34" Molded Stone Shower Receptor (Fiat 42WL) | 344.27 | 43.55 |
| 22 42 23 00-0038 | EA | 48" x 32" Molded Stone Shower Receptor (Fiat 4832WL) | 364.03 | 43.55 |
| 22 42 23 00-0039 | EA | 48" x 34" Molded Stone Shower Receptor (Fiat 48WL) | 366.40 | 43.55 |
| 22 42 23 00-0040 | EA | 54" x 34" Molded Stone Shower Receptor (Fiat 54WL) | 424.67 | 52.26 |
| 22 42 23 00-0041 | EA | 60" x 34" Molded Stone Shower Receptor (Fiat 60WL) | 439.68 | 52.26 |
| 22 42 23 00-0042 | EA | 36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC) | 348.22 | 43.55 |
| 22 42 23 00-0043 | EA | 38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC) | 356.92 | 43.55 |
| **22 42 23 00-0044** | | **Precast Terrazzo Shower Receptors** *(22 42 23 00-0015)* | | |
| 22 42 23 00-0045 | EA | 30" x 30" Precast Terrazzo Shower Receptor | 558.42 | 43.55 |
| 22 42 23 00-0046 | EA | 32" x 32" Precast Terrazzo Shower Receptor | 579.76 | 43.55 |
| 22 42 23 00-0047 | EA | 34" x 34" Precast Terrazzo Shower Receptor | 599.51 | 43.55 |
| 22 42 23 00-0048 | EA | 36" x 36" Precast Terrazzo Shower Receptor | 601.88 | 43.55 |
| 22 42 23 00-0049 | EA | 40" x 40" Precast Terrazzo Shower Receptor | 657.99 | 43.55 |
| 22 42 23 00-0050 | EA | 42" x 42" Precast Terrazzo Shower Receptor | 686.43 | 43.55 |
| 22 42 23 00-0051 | EA | 48" x 48" Precast Terrazzo Shower Receptor | 961.43 | 43.55 |
| 22 42 23 00-0052 | EA | 36" x 32" Precast Terrazzo Shower Receptor | 594.77 | 43.55 |
| 22 42 23 00-0053 | EA | 42" x 32" Precast Terrazzo Shower Receptor | 606.10 | 43.55 |
| 22 42 23 00-0054 | EA | 42" x 34" Precast Terrazzo Shower Receptor | 626.38 | 43.55 |
| 22 42 23 00-0055 | EA | 42" x 36" Precast Terrazzo Shower Receptor | 651.66 | 43.55 |
| 22 42 23 00-0056 | EA | 32" x 48" Precast Terrazzo Shower Receptor | 654.03 | 43.55 |
| 22 42 23 00-0057 | EA | 48" x 34" Precast Terrazzo Shower Receptor | 686.43 | 43.55 |
| 22 42 23 00-0058 | EA | 54" x 32" Precast Terrazzo Shower Receptor | 718.83 | 43.55 |
| 22 42 23 00-0059 | EA | 60" x 30" Precast Terrazzo Shower Receptor | 970.41 | 52.26 |
| 22 42 23 00-0060 | EA | 60" x 32" Precast Terrazzo Shower Receptor | 1,060.07 | 52.26 |
| 22 42 23 00-0061 | EA | 60" x 34" Precast Terrazzo Shower Receptor | 1,064.47 | 52.26 |
| 22 42 23 00-0062 | EA | 60" x 36" Precast Terrazzo Shower Receptor | 1,068.84 | 52.26 |
| 22 42 23 00-0063 | EA | 32" x 32" Precast Terrazzo Corner Shower Receptor | 605.04 | 43.55 |
| 22 42 23 00-0064 | EA | 34" x 34" Precast Terrazzo Corner Shower Receptor | 606.10 | 43.55 |
| 22 42 23 00-0065 | EA | 36" x 36" Precast Terrazzo Corner Shower Receptor | 608.20 | 43.55 |
| 22 42 23 00-0066 | EA | 40" x 40" Precast Terrazzo Corner Shower Receptor | 727.52 | 43.55 |
| 22 42 23 00-0067 | EA | 36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor | 1,316.23 | 43.55 |
| 22 42 23 00-0068 | EA | 60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor | 1,466.16 | 52.26 |
| 22 42 23 00-0069 | EA | 60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor | 1,527.80 | 52.26 |
| **22 42 23 00-0070** | | **Shower Receptors Accessories** *(22 42 23 00-0015)* | | |
| 22 42 23 00-0071 | SF | Polyvinyl Chloride (PVC) Shower Pan Liner | 3.83 | |
| **22 42 23 00-0072** | | **Removal And Reinstallation Of Fixtures And Trim** *(22 42 23)* | | |
| | | Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture. | | |
| 22 42 23 00-0073 | EA | Removal And Reinstallation Of Shower Head | 52.25 | |

## 22 42 33 Wash Fountains *(22 42)*

| | | | | |
|---|---|---|---|---|
| **22 42 33 00-0001** | | **Circular Wash Fountain, Deep Bowl** *(22 42 33)* | | |
| | | Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated. | | |
| 22 42 33 00-0002 | EA | 36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD) | 8,310.90 | 164.49 |
| 22 42 33 00-0003 | EA | 36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD) | 4,928.58 | 164.49 |
| 22 42 33 00-0004 | EA | 36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE) | 8,558.02 | 164.49 |
| 22 42 33 00-0005 | EA | 54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD) | 10,592.20 | 187.99 |
| 22 42 33 00-0006 | EA | 54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD) | 5,686.90 | 187.99 |
| 22 42 33 00-0007 | EA | 54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE) | 10,255.18 | 187.99 |
| **22 42 33 00-0008** | | **Semi-Circular Wash Fountain, Deep Bowl** *(22 42 33)* | | |
| | | Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated. | | |
| 22 42 33 00-0009 | EA | 36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD) | 7,251.15 | 140.99 |
| 22 42 33 00-0010 | EA | 36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD) | 4,500.79 | 140.99 |
| 22 42 33 00-0011 | EA | 36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE) | 6,487.14 | 140.99 |
| 22 42 33 00-0012 | EA | 54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD) | 8,897.44 | 164.49 |
| 22 42 33 00-0013 | EA | 54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD) | 5,431.49 | 164.49 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 33 00-0014 | EA | 54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE) | 7,717.31 | 164.49 |

## 22 42 39 Commercial Faucets, Supplies, and Trim *(22 42)*

### 22 42 39 00-0001 Kitchen Faucets *(22 42 39)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0002 | EA | Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST) | 196.17 | 53.46 |
| 22 42 39 00-0003 | EA | Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST) | 220.41 | 53.46 |
| 22 42 39 00-0004 | EA | Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST) | 192.84 | 53.46 |
| 22 42 39 00-0005 | EA | Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST) | 216.47 | 53.46 |
| 22 42 39 00-0006 | EA | Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24) | 183.36 | 53.46 |
| 22 42 39 00-0007 | EA | Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24) | 200.43 | 53.46 |
| 22 42 39 00-0008 | EA | Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF) | 257.99 | 53.46 |
| 22 42 39 00-0009 | EA | Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF) | 185.76 | 53.46 |
| 22 42 39 00-0010 | EA | Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF) | 179.30 | 53.46 |
| 22 42 39 00-0011 | EA | Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF) | 210.90 | 53.46 |
| 22 42 39 00-0012 | EA | Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24) | 357.29 | 53.46 |
| 22 42 39 00-0013 | EA | Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24) | 391.23 | 53.46 |
| 22 42 39 00-0014 | EA | Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP) | 369.65 | 58.06 |
| 22 42 39 00-0015 | EA | Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP) | 367.99 | 58.06 |
| 22 42 39 00-0016 | EA | Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP) | 276.67 | 58.06 |
| 22 42 39 00-0017 | EA | Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR) | 628.16 | 53.46 |
| 22 42 39 00-0018 | EA | Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK) | 792.85 | 53.46 |
| 22 42 39 00-0019 | EA | Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB) | 847.75 | 53.46 |
| 22 42 39 00-0020 | EA | Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR) | 628.16 | 53.46 |
| 22 42 39 00-0021 | EA | Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK) | 792.85 | 53.46 |
| 22 42 39 00-0022 | EA | Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB) | 847.75 | 53.46 |

### 22 42 39 00-0023 Lavatory Faucets *(22 42 39)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0024 | EA | Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST) | 234.60 | 38.49 |
| 22 42 39 00-0025 | EA | 4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF) | 164.49 | 38.49 |
| 22 42 39 00-0026 | EA | 4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU) | 202.84 | 38.49 |
| 22 42 39 00-0027 | EA | 4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM) | 221.97 | 38.49 |
| 22 42 39 00-0028 | EA | Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU) | 271.37 | 38.49 |
| 22 42 39 00-0029 | EA | Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF) | 315.25 | 38.49 |
| 22 42 39 00-0030 | EA | Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104) | 194.59 | 38.49 |
| 22 42 39 00-0031 | EA | Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002) | 293.35 | 38.49 |
| 22 42 39 00-0032 | EA | Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665) | 212.94 | 38.49 |
| 22 42 39 00-0033 | EA | 3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710) | 217.75 | 38.49 |
| 22 42 39 00-0034 | EA | 3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712) | 261.81 | 38.49 |
| 22 42 39 00-0035 | EA | 4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805) | 256.60 | 38.49 |

### 22 42 39 00-0036 Bath And Shower Faucets *(22 42 39)*

### 22 42 39 00-0037 Bath And Shower Faucets With Valve Body *(22 42 39 00-0036)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0038 | EA | Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500) | 218.85 | 46.41 |
| 22 42 39 00-0039 | EA | Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501) | 255.02 | 46.41 |
| 22 42 39 00-0040 | EA | Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502) | 278.21 | 46.41 |
| 22 42 39 00-0041 | EA | Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505) | 203.08 | 46.41 |
| 22 42 39 00-0042 | EA | Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501) | 212.35 | 46.41 |
| 22 42 39 00-0043 | EA | Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502) | 239.25 | 46.41 |
| 22 42 39 00-0044 | EA | Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502) | 269.86 | 46.41 |

### 22 42 39 00-0045 Shower Valves And Trim *(22 42 39)*

See CSI section 22 41 39 00-0011 for residential shower valves and heads.

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0046 | EA | Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319) | 359.65 | 72.18 |
| 22 42 39 00-0047 | EA | Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP) | 784.22 | 72.18 |
| 22 42 39 00-0048 | EA | Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP) | 550.33 | 72.18 |
| 22 42 39 00-0049 | EA | Senior Institutional Shower Head (Symmons® 4-150) | 213.05 | 46.41 |
| 22 42 39 00-0050 | EA | Universal Institutional Shower Head (Symmons® 4-151) | 351.17 | 46.41 |
| 22 42 39 00-0051 | EA | Fre-Flo Institutional Shower Head (Symmons® 4-295) | 249.41 | 46.41 |
| 22 42 39 00-0052 | EA | Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385) | 189.86 | 46.41 |
| 22 42 39 00-0053 | EA | Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X) | 782.62 | 69.50 |
| 22 42 39 00-0054 | EA | Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X) | 646.99 | 80.20 |
| 22 42 39 00-0055 | EA | Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X) | 848.56 | 80.20 |
| 22 42 39 00-0056 | EA | Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X) | 1,189.04 | 85.54 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 39 00-0057 | EA | Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S) | 1,080.70 | 72.18 |
| | | *For Hand Spray, Hose And Wall Hooks, Add* | *106.44* | |
| | | *For Recessed Soap Dish, Add* | *108.12* | |
| | | *For Hand Spray, Hose And 30" Slide Bar, Add* | *165.51* | |
| | | *For Pressure Balance And Metering Combination, Add* | *291.63* | |
| 22 42 39 00-0058 | EA | Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807) | 1,281.99 | 72.18 |
| | | *For Hand Spray, Hose And Wall Hooks, Add* | *106.44* | |
| | | *For Recessed Soap Dish, Add* | *108.12* | |
| | | *For Hand Spray, Hose And 30" Slide Bar, Add* | *165.51* | |
| | | *For Pressure Balance And Metering Combination, Add* | *291.63* | |
| 22 42 39 00-0059 | EA | Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S) | 877.78 | 72.18 |
| | | *For Hand Spray, Hose And Wall Hooks, Add* | *19.32* | |
| | | *For Hand Spray, Hose And 30" Slide Bar, Add* | *78.39* | |
| | | *For Pressure Balance And Metering Combination, Add* | *291.63* | |
| 22 42 39 00-0060 | EA | Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS) | 1,317.38 | 72.18 |
| | | *For Pressure Balance And Metering Combination, Add* | *291.63* | |
| 22 42 39 00-0061 | EA | Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS) | 1,412.13 | 72.18 |
| | | *For Hand Spray, Hose And 30" Slide Bar, Add* | *59.07* | |
| | | *For Pressure Balance And Metering Combination, Add* | *291.63* | |
| 22 42 39 00-0062 | EA | Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931) | 2,592.38 | 72.18 |
| | | *For Recessed Soap Dish, Add* | *83.94* | |
| | | *For Pressure Balance And Metering Combination, Add* | *227.79* | |
| 22 42 39 00-0063 | EA | Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921) | 2,266.46 | 72.18 |
| | | *For Recessed Soap Dish, Add* | *83.94* | |
| | | *For Pressure Balance And Metering Combination, Add* | *291.63* | |
| 22 42 39 00-0064 | EA | Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231) | 1,145.25 | 72.18 |
| 22 42 39 00-0065 | EA | Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS) | 1,749.88 | 72.18 |
| | | *For Hand Spray, Hose And 30" Slide Bar, Add* | *59.07* | |
| | | *For Pressure Balance And Metering Combination, Add* | *291.63* | |
| 22 42 39 00-0066 | EA | Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60) | 1,143.73 | 72.18 |
| 22 42 39 00-0067 | EA | Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS) | 1,140.39 | 72.18 |
| | | *For Hand Spray, Hose And 30" Slide Bar, Add* | *59.07* | |

## 22 42 39 00-0068 Service Sink Faucets *(22 42 39)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0069 | EA | 4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™) | 469.83 | 89.02 |
| 22 42 39 00-0070 | EA | 3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235) | 340.52 | 89.02 |
| 22 42 39 00-0071 | EA | 3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243) | 365.56 | 89.02 |
| 22 42 39 00-0072 | EA | 6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012) | 378.55 | 89.02 |
| 22 42 39 00-0073 | EA | 7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101) | 496.01 | 124.78 |
| 22 42 39 00-0074 | EA | 7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110) | 556.14 | 142.21 |
| 22 42 39 00-0075 | EA | 11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115) | 637.77 | 142.21 |
| 22 42 39 00-0076 | EA | Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF) | 375.81 | 89.02 |
| 22 42 39 00-0077 | EA | 44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB) | 760.96 | 142.21 |

## 22 42 39 00-0078 Laboratory Faucets And Fittings *(22 42 39)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0079 | EA | Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927) | 190.99 | 37.86 |
| 22 42 39 00-0080 | EA | Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929) | 311.10 | 53.46 |
| 22 42 39 00-0081 | EA | Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930) | 400.36 | 53.46 |
| 22 42 39 00-0082 | EA | Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933) | 249.26 | 49.93 |
| 22 42 39 00-0083 | EA | 6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940) | 339.33 | 71.21 |
| 22 42 39 00-0084 | EA | 6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP) | 455.72 | 71.21 |
| 22 42 39 00-0085 | EA | Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946) | 363.93 | 53.46 |
| 22 42 39 00-0086 | EA | Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942) | 360.48 | 71.21 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 39 00-0087 | EA | Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP) | 235.10 | 41.10 |
| 22 42 39 00-0088 | EA | Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP) | 331.26 | 58.06 |
| 22 42 39 00-0089 | EA | 4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802) | 257.50 | 58.06 |
| 22 42 39 00-0090 | EA | 4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317CP) | 312.24 | 58.06 |
| 22 42 39 00-0091 | EA | Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP) | 85.00 | 35.71 |
| 22 42 39 00-0092 | EA | Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP) | 502.21 | 64.16 |
| 22 42 39 00-0093 | EA | Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP) | 642.83 | 64.16 |
| 22 42 39 00-0094 | EA | Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP) | 770.93 | 64.16 |
| 22 42 39 00-0095 | EA | Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP) | 682.96 | 64.16 |
| 22 42 39 00-0096 | EA | Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM) | 811.23 | 64.16 |

## 22 42 39 00-0097 Gooseneck Faucets With Independent Eyewash *(22 42 39)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0098 | EA | Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA) | 817.21 | 40.09 |
| 22 42 39 00-0099 | EA | Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL) | 885.38 | 37.42 |
| 22 42 39 00-0100 | EA | 8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8) | 1,142.22 | 40.09 |
| 22 42 39 00-0101 | EA | Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST) | 1,206.19 | 40.09 |
| 22 42 39 00-0102 | EA | Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW) | 1,463.28 | 26.74 |
| 22 42 39 00-0103 | EA | Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP) | 1,766.82 | 66.83 |
| 22 42 39 00-0104 | EA | Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW) | 2,464.75 | 66.83 |
| 22 42 39 00-0105 | EA | 8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW) | 2,546.17 | 66.83 |

## 22 42 39 00-0106 Bubblers And Glass Fillers *(22 42 39)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0107 | EA | Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP) | 331.99 | 37.86 |
| 22 42 39 00-0108 | EA | Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP) | 298.64 | 49.93 |
| 22 42 39 00-0109 | EA | 7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP) | 327.55 | 37.86 |
| 22 42 39 00-0110 | EA | Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP) | 207.64 | 54.23 |
| 22 42 39 00-0111 | EA | Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF) | 388.06 | 41.10 |
| 22 42 39 00-0112 | EA | Push Button Bubbler, 1/2" OD (Haws 5017LF) | 393.16 | 41.10 |
| 22 42 39 00-0113 | EA | Push Button Bubbler, 3/8" NPT (Haws 5010-6427) | 328.69 | 41.10 |

## 22 42 39 00-0114 Automatic Electronic Sensor Faucets *(22 42 39)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0115 | EA | Electronic Lavatory Faucet (American Standard 6055.205.002) | 610.45 | 89.17 |
| | | *For Faucet With Temperature Control, Add* | *40.00* | |
| 22 42 39 00-0116 | EA | Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002) | 616.02 | 89.17 |
| | | *For Faucet With Temperature Control, Add* | *40.00* | |
| 22 42 39 00-0117 | EA | Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1) | 821.94 | 96.84 |
| 22 42 39 00-0118 | EA | Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1) | 854.63 | 89.17 |
| 22 42 39 00-0119 | EA | Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880) | 1,262.68 | 96.84 |
| 22 42 39 00-0120 | EA | Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT) | 1,576.31 | 96.84 |
| 22 42 39 00-0121 | EA | Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187) | 1,473.46 | 96.84 |
| 22 42 39 00-0122 | EA | Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM) | 1,032.41 | 89.17 |
| 22 42 39 00-0123 | EA | Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100) | 922.64 | 89.17 |
| 22 42 39 00-0124 | EA | Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101) | 974.09 | 89.17 |
| 22 42 39 00-0125 | EA | Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102) | 845.45 | 89.17 |
| 22 42 39 00-0126 | EA | Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100) | 974.09 | 89.17 |
| 22 42 39 00-0127 | EA | Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102) | 852.62 | 89.17 |
| 22 42 39 00-0128 | EA | Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100) | 852.62 | 89.17 |
| 22 42 39 00-0129 | EA | Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101) | 958.41 | 89.17 |
| 22 42 39 00-0130 | EA | Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102) | 814.72 | 89.17 |
| 22 42 39 00-0131 | EA | 4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103) | 782.26 | 89.17 |
| 22 42 39 00-0132 | EA | Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60) | 1,232.88 | 89.17 |

## 22 42 39 00-0133 Other Trim *(22 42 39)*

| | | | | |
|---|---|---|---|---|
| 22 42 39 00-0134 | EA | Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330) | 18.51 | 5.81 |
| 22 42 39 00-0135 | EA | 1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP) | 123.34 | 17.42 |
| 22 42 39 00-0136 | EA | 1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP) | 49.67 | 14.52 |
| 22 42 39 00-0137 | EA | 1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP) | 107.04 | 14.52 |
| 22 42 39 00-0138 | EA | Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102) | 64.21 | 16.04 |
| 22 42 39 00-0139 | EA | Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus) | 67.08 | 16.04 |
| 22 42 39 00-0140 | EA | Lavatory Protective Enclosure (IPS Truebro Lav Shield) | 165.68 | 16.04 |
| 22 42 39 00-0141 | EA | 36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard) | 202.60 | 16.04 |
| 22 42 39 00-0142 | EA | 42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard) | 229.42 | 16.04 |
| 22 42 39 00-0143 | EA | 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036) | 36.76 | 11.23 |
| 22 42 39 00-0144 | EA | 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037) | 36.76 | 11.23 |
| 22 42 39 00-0145 | EA | 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558) | 49.81 | 11.23 |
| 22 42 39 00-0146 | PR | 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line (Pair) | 35.27 | 12.33 |
| 22 42 39 00-0147 | EA | 12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line | 21.85 | 7.26 |
| 22 42 39 00-0148 | EA | 12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line | 22.44 | 7.26 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 39 00-0149 | | **Removal And Reinstallation Of Fixtures And Trim** *(22 42 39)*<br>Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture. | | |
| 22 42 39 00-0150 | EA | Removal And Reinstallation Of Faucet | 92.89 | |
| **22 42 43** | | **Flushometers** *(22 42)* | | |
| 22 42 43 00-0001 | | **Water Closet Flush Valves** *(22 42 43)* | | |
| 22 42 43 00-0002 | EA | Exposed Manual Water Closet Flush Valve (Sloan Regal-115) | 291.61 | 36.47 |
| 22 42 43 00-0003 | EA | Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6) | 282.69 | 36.47 |
| 22 42 43 00-0004 | EA | Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111) | 328.04 | 36.47 |
| 22 42 43 00-0005 | EA | Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140) | 452.62 | 36.47 |
| 22 42 43 00-0006 | EA | Top Spud, Concealed Nanual Water Closet Flush Valve (Sloan Royal-142) | 503.76 | 36.47 |
| 22 42 43 00-0007 | EA | Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S) | 923.66 | 36.47 |
| 22 42 43 00-0008 | EA | Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S) | 924.31 | 36.47 |
| 22 42 43 00-0009 | EA | Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S) | 975.90 | 36.47 |
| 22 42 43 00-0010 | EA | Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113) | 906.64 | 36.47 |
| 22 42 43 00-0011 | EA | Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115)<br>Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation. | 400.44 | 36.47 |
| 22 42 43 00-0012 | EA | Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110) | 701.74 | 36.47 |
| 22 42 43 00-0013 | EA | Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A) | 396.31 | 36.47 |
| 22 42 43 00-0014 | EA | Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X) | 392.77 | 36.47 |
| 22 42 43 00-0015 | EA | Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A) | 396.80 | 32.07 |
| 22 42 43 00-0016 | EA | Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X) | 431.55 | 32.07 |
| 22 42 43 00-0017 | EA | 1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN) | 937.00 | 36.47 |
| 22 42 43 00-0018 | EA | Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32) | 1,026.90 | 36.47 |
| 22 42 43 00-0019 | EA | 1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31) | 1,306.44 | 36.47 |
| 22 42 43 00-0020 | EA | 1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32) | 1,306.44 | 36.47 |
| 22 42 43 00-0021 | EA | Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS) | 847.83 | 36.47 |
| 22 42 43 00-0022 | EA | Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV) | 840.20 | 36.47 |
| 22 42 43 00-0023 | EA | Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A) | 416.40 | 32.07 |
| 22 42 43 00-0024 | EA | 6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451) | 127.84 | 5.51 |
| 22 42 43 00-0025 | EA | Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28) | 555.05 | 36.47 |
| 22 42 43 00-0026 | | **Urinal Flush Valves** *(22 42 43)* | | |
| 22 42 43 00-0027 | EA | 3/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL)<br>Note: 0.5, 1.0 or 1.5 GPF. | 241.98 | 36.47 |
| 22 42 43 00-0028 | EA | 1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180)<br>Note: 1.0, 1.5 or 3.5 GPF. | 260.36 | 36.47 |
| 22 42 43 00-0029 | EA | Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195)<br>Note: 1.0 or 1.5 GPF. | 348.19 | 36.47 |
| 22 42 43 00-0030 | EA | Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197)<br>Note: 1.0 or 1.5 GPF. | 420.54 | 36.47 |
| 22 42 43 00-0031 | EA | Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S)<br>Note: 1.0 or 1.5 GPF. | 659.05 | 36.47 |
| 22 42 43 00-0032 | EA | Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S)<br>Note: 0.5, 1.0 or 1.5 GPF. | 884.19 | 36.47 |
| 22 42 43 00-0033 | EA | Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S)<br>Note: 0.5, 1.0 or 1.5 GPF. | 991.42 | 36.47 |
| 22 42 43 00-0034 | EA | Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1)<br>Note: 1.0 GPF. | 648.28 | 36.47 |
| 22 42 43 00-0035 | EA | Foot Operated Flush Valve<br>Note: Can be used for water closets. | 731.80 | 36.47 |
| 22 42 43 00-0036 | EA | Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12)<br>Note: 0.5 GPF. | 1,021.11 | 36.47 |
| 22 42 43 00-0037 | EA | Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13)<br>Note: 0.13 GPF. | 501.59 | 36.47 |
| 22 42 43 00-0038 | | **Removal And Reinstallation Of Fixtures And Trim** *(22 42 43)*<br>Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture. | | |
| 22 42 43 00-0039 | EA | Removal And Reinstallation Of Flush Valve | 145.14 | |
| 22 42 43 00-0040 | | **Plumbing Control Transformers** *(22 42 43)* | | |
| 22 42 43 00-0041 | EA | 6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6) | 59.05 | |
| **22 42 46** | | **Chemical Toilets** *(22 42)*<br>Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately. | | |
| 22 42 46 00-0001 | | **Standard Chemical Toilets** *(22 42 46)* | | |
| 22 42 46 00-0002 | | **Small Tank Chemical Toilets** *(22 42 46 00-0001)* | | |
| 22 42 46 00-0003 | EA | Chemical Toilet, Small Tank 7,000 Uses/Year | 4,437.45 | 1,069.25 |
| 22 42 46 00-0004 | | **Medium Tank Chemical Toilets** *(22 42 46 00-0001)* | | |
| 22 42 46 00-0005 | EA | Chemical Toilet, Medium Tank 13,000 Uses/Year | 5,273.52 | 1,273.49 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 42 46 00-0006 | | Large Tank Chemical Toilets *(22 42 46 00-0001)* | | |
| 22 42 46 00-0007 | EA | Chemical Toilet, Large Tank 28,000 Uses/Year | 6,351.07 | 1,444.56 |
| 22 43 | | Healthcare Plumbing Fixtures *(22 40)* | | |
| **22 43 13** | | **Healthcare Water Closets** *(22 43)* | | |
| 22 43 13 00-0001 | | Healthcare Water Closets *(22 43 13)* | | |
| 22 43 13 00-0002 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA) | 777.55 | 111.20 |
| 22 43 13 00-0003 | EA | Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA) | 645.18 | 111.20 |
| **22 43 16** | | **Healthcare Sinks** *(22 43)* | | |
| 22 43 16 00-0001 | | Healthcare Sinks *(22 43 16)* | | |
| | | Note: Includes trap, drain and supply valves. Excludes faucets and flush valves. | | |
| 22 43 16 00-0002 | EA | 25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard) | 1,223.16 | 71.64 |
| | | *For Stainless Steel Rim Guards (Three Sides), Add* | *108.61* | |
| 22 43 16 00-0003 | EA | 29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard) | 1,319.60 | 205.83 |
| | | *For Stainless Steel Rim Guards (Three Sides), Add* | *108.61* | |
| | | *For Pedestal Base, Add* | *497.95* | |
| 22 43 16 00-0004 | EA | 28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard) | 1,175.34 | 71.64 |
| | | *For Painted Bracket Supports, Add* | *176.05* | |
| 22 43 16 00-0005 | EA | 20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard) | 1,031.90 | 71.64 |
| **22 43 39** | | **Healthcare Faucets** *(22 43)* | | |
| 22 43 39 00-0001 | | Medical Faucet Spouts *(22 43 39)* | | |
| 22 43 39 00-0002 | EA | Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522) | 101.32 | 16.04 |
| 22 43 39 00-0003 | | Electronic Proximity Medical Faucets *(22 43 39)* | | |
| 22 43 39 00-0004 | EA | DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU) | 576.92 | 78.48 |
| | | *For Hard Wired AC Powered, Add* | *24.73* | |
| 22 43 39 00-0005 | | Foot And Knee Faucet Controls *(22 43 39)* | | |
| 22 43 39 00-0006 | EA | Single Supply Metering Pedal Valve (Chicago Faucet 628) | 396.25 | 142.64 |
| 22 43 39 00-0007 | EA | Double Supply Metering Pedal Valve (Chicago Faucet 625) | 460.25 | 142.64 |
| 22 43 39 00-0008 | EA | Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP) | 953.61 | 142.64 |
| 22 43 39 00-0009 | EA | Double Knee Actuated Metering Mixing Valve (American Standard 7676) | 672.44 | 142.64 |
| 22 43 39 00-0010 | | Centerset Medical Faucets *(22 43 39)* | | |
| 22 43 39 00-0011 | EA | Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04) | 520.56 | 78.48 |
| 22 43 39 00-0012 | EA | Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04) | 526.36 | 78.48 |
| 22 43 39 00-0013 | EA | Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04) | 525.77 | 78.48 |
| 22 43 39 00-0014 | EA | Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04) | 470.70 | 78.48 |
| 22 43 39 00-0015 | EA | Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04) | 450.99 | 78.48 |
| 22 43 39 00-0016 | | Bedpan Washers *(22 43 39)* | | |
| 22 43 39 00-0017 | EA | Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675) | 1,229.31 | 142.64 |
| 22 43 39 00-0018 | EA | Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676) | 1,168.61 | 142.64 |
| 22 43 39 00-0019 | EA | Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685) | 1,150.63 | 142.64 |
| 22 43 39 00-0020 | EA | Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686) | 1,133.14 | 142.64 |
| **22 43 43** | | **Healthcare Plumbing Fixture Flushometers** *(22 43)* | | |
| 22 43 43 00-0001 | | Healthcare Plumbing Fixture Flushometers *(22 43 43)* | | |
| 22 43 43 00-0002 | EA | Exposed Manual Service Sink Flush Valve (Sloan Royal-117) | 231.14 | 36.47 |
| 22 43 43 00-0003 | EA | Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW) | 510.16 | 36.47 |
| **22 43 46** | | **Healthcare Patient Care Units** *(22 43)* | | |
| 22 43 46 00-0001 | | Patient Care Units *(22 43 46)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 43 46 00-0002 | EA | 47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV) | 17,342.93 | 213.85 |
| | | *For SDB Single Temperature Dialysis Box, Add* | *1,263.14* | |
| | | *For DDB Dual Temperature Dialysis Box, Add* | *1,341.60* | |
| | | *For BWSEV Bedpan Washer With Elevated Valve, Add* | *991.66* | |
| | | *For LOCK Flush Valve Lockout Device, Add* | *711.99* | |
| 22 43 46 00-0003 | EA | 31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB) | 13,670.17 | 187.12 |
| | | *For SDB Single Temperature Dialysis Box, Add* | *1,263.14* | |
| | | *For DDB Dual Temperature Dialysis Box, Add* | *1,341.60* | |
| | | *For BWSEV Bedpan Washer With Elevated Valve, Add* | *991.66* | |
| | | *For LOCK Flush Valve Lockout Device, Add* | *711.99* | |
| 22 43 46 00-0004 | | Patient Care Plumbing Accessories *(22 43 46)* | | |
| 22 43 46 00-0005 | EA | One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920) | 1,651.54 | 29.03 |
| 22 43 46 00-0006 | EA | Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919) | 1,819.04 | 29.03 |

## 22 45 Emergency Plumbing Fixtures *(22 40)*

### 22 45 13 Emergency Showers *(22 45)*

22 45 13 00-0001 Emergency Drench Showers *(22 45 13)*

22 45 13 00-0002 Emergency Drench Showers (Haws) *(22 45 13 00-0001)*

Note: Includes one pull rod.

| | | | | |
|---|---|---|---|---|
| 22 45 13 00-0003 | EA | Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122) | 686.20 | 187.12 |
| 22 45 13 00-0004 | EA | Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123) | 783.02 | 187.12 |
| 22 45 13 00-0005 | EA | Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC) | 836.80 | 187.12 |
| 22 45 13 00-0006 | EA | Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130) | 998.16 | 187.12 |
| 22 45 13 00-0007 | EA | Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H) | 1,331.64 | 187.12 |
| 22 45 13 00-0008 | EA | Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100) | 1,062.38 | 213.85 |
| 22 45 13 00-0009 | EA | Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP) | 1,164.25 | 240.59 |
| 22 45 13 00-0010 | EA | Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169) | 1,062.05 | 240.59 |
| 22 45 13 00-0011 | EA | Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163) | 1,083.57 | 240.59 |
| 22 45 13 00-0012 | EA | Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164) | 1,486.96 | 240.59 |

22 45 13 00-0013 Emergency Drench Showers (Speakman) *(22 45 13 00-0001)*

Note: Includes one pull rod.

| | | | | |
|---|---|---|---|---|
| 22 45 13 00-0014 | EA | Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220) | 598.51 | 187.12 |
| 22 45 13 00-0015 | EA | Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227) | 615.26 | 187.12 |
| 22 45 13 00-0016 | EA | Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253) | 949.75 | 213.85 |

### 22 45 16 Eyewash Equipment *(22 45)*

22 45 16 00-0001 Emergency Eyewash Equipment *(22 45 16)*

22 45 16 00-0002 Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 45 16 00-0003 | EA | Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620) | 290.38 | 5.35 |
| 22 45 16 00-0004 | EA | Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP) | 1,400.90 | 240.59 |

### 22 45 23 Personal Eyewash Equipment *(22 45)*

22 45 23 00-0001 Portable Eyewash Equipment *(22 45 23)*

22 45 23 00-0002 Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 45 23 00-0003 | EA | Portable (Wall Mounted) Heated Gravity-Fed Emergency Eye/Face Wash (Bradley S19-921H) | 1,507.89 | 16.04 |

### 22 45 26 Eye/Face Wash Equipment *(22 45)*

22 45 26 00-0001 Emergency Eye/Face Wash Equipment *(22 45 26)*

22 45 26 00-0002 Emergency Eye/Face Wash Equipment (Haws) *(22 45 26 00-0001)*

| | | | | |
|---|---|---|---|---|
| 22 45 26 00-0003 | EA | Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460)<br>Note: Excludes p-trap and tailpiece. | 735.25 | 133.66 |
| 22 45 26 00-0004 | EA | Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324) | 745.37 | 187.12 |
| 22 45 26 00-0005 | EA | Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B)<br>Note: Excludes p-trap and tailpiece. | 729.23 | 187.12 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 45 26 00-0006 | EA | Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT) | 792.70 | 187.12 |
| | | Note: Excludes p-trap and tailpiece. | | |
| 22 45 26 00-0007 | EA | Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B) | 799.15 | 187.12 |
| | | Note: Excludes p-trap and tailpiece. | | |
| 22 45 26 00-0008 | EA | Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT) | 875.53 | 187.12 |
| | | Note: Excludes p-trap and tailpiece. | | |
| 22 45 26 00-0009 | EA | Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC) | 1,181.03 | 187.12 |
| 22 45 26 00-0010 | EA | Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B) | 2,202.97 | 187.12 |
| 22 45 26 00-0011 | EA | Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271) | 911.78 | 213.85 |
| 22 45 26 00-0012 | EA | Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461) | 1,035.48 | 213.85 |
| 22 45 26 00-0013 | EA | Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777) | 2,283.33 | 213.85 |
| 22 45 26 00-0014 | EA | Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611) | 607.13 | 53.46 |
| 22 45 26 00-0015 | EA | Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612) | 585.62 | 53.46 |
| 22 45 26 00-0016 | EA | Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH) | 612.51 | 53.46 |
| 22 45 26 00-0017 | EA | Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610) | 768.49 | 53.46 |
| 22 45 26 00-0018 | EA | Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC) | 1,890.03 | 267.31 |
| 22 45 26 00-0019 | EA | Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM) | 2,272.57 | 213.85 |
| 22 45 26 00-0020 | EA | Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC) | 2,341.84 | 267.31 |
| 22 45 26 00-0021 | EA | Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM) | 2,735.13 | 213.85 |
| 22 45 26 00-0022 | | Emergency Eye/Face Wash Equipment (Speakman) *(22 45 26 00-0001)* | | |
| 22 45 26 00-0023 | EA | Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495) | 668.30 | 187.12 |
| 22 45 26 00-0024 | EA | Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496) | 815.75 | 213.85 |
| **22 45 29** | | **Hand-Held Emergency Drench Hoses** *(22 45)* | | |
| 22 45 29 00-0001 | | Hand-Held Emergency Eye/Face/Body Wash With Hose *(22 45 29)* | | |
| 22 45 29 00-0002 | | Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) *(22 45 29 00-0001)* | | |
| 22 45 29 00-0003 | EA | Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904) | 650.01 | 66.83 |
| 22 45 29 00-0004 | EA | Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905) | 746.82 | 66.83 |
| **22 45 33** | | **Combination Emergency Fixture Units** *(22 45)* | | |
| 22 45 33 00-0001 | | Emergency Shower With Eye/Face Wash *(22 45 33)* | | |
| 22 45 33 00-0002 | | Emergency Shower With Eye/Face Wash (Haws) *(22 45 33 00-0001)* | | |
| 22 45 33 00-0003 | EA | Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330) | 3,841.51 | 347.51 |
| 22 45 33 00-0004 | EA | Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP) | 2,615.18 | 347.51 |
| | | Note: Includes freeze protection bury valve. | | |
| 22 45 33 00-0005 | EA | Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309) | 1,835.28 | 347.51 |
| 22 45 33 00-0006 | EA | Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158) | 2,894.87 | 347.51 |
| 22 45 33 00-0007 | EA | Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP) | 2,136.48 | 347.51 |
| 22 45 33 00-0008 | EA | Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC) | 2,012.77 | 347.51 |
| 22 45 33 00-0009 | EA | Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317) | 1,727.71 | 347.51 |
| 22 45 33 00-0010 | EA | Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336) | 2,798.05 | 347.51 |
| 22 45 33 00-0011 | EA | Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC) | 3,061.61 | 347.51 |
| 22 45 33 00-0012 | EA | Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW) | 3,120.77 | 347.51 |
| 22 45 33 00-0013 | EA | Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC) | 3,481.14 | 347.51 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 45 33 00-0014 | EA | Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD) | 3,690.90 | 347.51 |
| 22 45 33 00-0015 | EA | Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW) | 3,631.74 | 347.51 |
| 22 45 33 00-0016 | EA | Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP) | 5,406.69 | 347.51 |
| 22 45 33 00-0017 | EA | Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V) | 5,697.13 | 347.51 |
| 22 45 33 00-0018 | EA | Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1) | 11,990.12 | 347.51 |
| 22 45 33 00-0019 | EA | Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325) | 1,727.71 | 347.51 |
| 22 45 33 00-0020 | EA | Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP) | 1,948.23 | 347.51 |
| 22 45 33 00-0021 | | Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)* | | |
| 22 45 33 00-0022 | EA | Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690) | 1,553.00 | 347.51 |
| **22 45 36** | | **Emergency Fixture Water-Tempering Equipment** *(22 45)* | | |
| 22 45 36 00-0001 | | Emergency Fixture Water-Tempering Equipment *(22 45 36)* | | |
| 22 45 36 00-0002 | | Emergency Fixture Water-Tempering Equipment (Haws) *(22 45 36 00-0001)* | | |
| 22 45 36 00-0003 | EA | 10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW) | 687.66 | 66.83 |
| 22 45 36 00-0004 | EA | 12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE) | 1,005.00 | 66.83 |
| 22 45 36 00-0005 | EA | 31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E) | 1,472.94 | 66.83 |
| 22 45 36 00-0006 | EA | 78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E) | 1,736.49 | 66.83 |
| 22 45 36 00-0007 | EA | 31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H) | 2,457.23 | 66.83 |
| 22 45 36 00-0008 | EA | 12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE) | 2,591.69 | 66.83 |
| 22 45 36 00-0009 | EA | 74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE) | 4,350.50 | 66.83 |
| 22 45 36 00-0010 | EA | 78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF) | 5,227.22 | 66.83 |
| 22 45 36 00-0011 | EA | 1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B) | 768.34 | 66.83 |
| **22 45 39** | | **Emergency Plumbing Fixture Accessories** *(22 45)* | | |
| 22 45 39 00-0001 | | Emergency Plumbing Fixture Accessories *(22 45 39)* | | |
| 22 45 39 00-0002 | | Emergency Plumbing Fixture Accessories (Haws) *(22 45 39 00-0001)* | | |
| 22 45 39 00-0003 | EA | Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220) | 177.24 | 21.39 |
| 22 45 39 00-0004 | EA | Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W) | 247.16 | 21.39 |
| 22 45 39 00-0005 | EA | Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS) | 257.91 | 21.39 |
| 22 45 39 00-0006 | EA | Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS) | 284.97 | 8.02 |
| 22 45 39 00-0007 | EA | Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102) | 290.38 | 5.35 |
| 22 45 39 00-0008 | EA | 3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020) | 317.21 | 10.69 |
| 22 45 39 00-0009 | EA | Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK) | 563.79 | 80.20 |
| 22 45 39 00-0010 | EA | Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP) | 571.70 | 33.06 |
| 22 45 39 00-0011 | EA | Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT) | 851.39 | 33.06 |
| 22 45 39 00-0012 | EA | Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037) | 1,005.00 | 80.20 |
| 22 45 39 00-0013 | EA | Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP) | 1,900.22 | 33.06 |
| 22 45 39 00-0014 | EA | 1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5) | 2,102.90 | 110.19 |
| 22 45 39 00-0015 | EA | 1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001) | 2,145.93 | 110.19 |
| 22 45 39 00-0016 | EA | 1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP) | 3,985.42 | 110.19 |
| 22 45 39 00-0017 | EA | 1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1) | 7,589.10 | 110.19 |
| 22 45 39 00-0018 | | Emergency Plumbing Fixture Accessories (Speakman) *(22 45 39 00-0001)* | | |
| 22 45 39 00-0019 | EA | Privacy Curtain For Emergency Showers<br>Note: Curtain includes stainless steel curtain rod and mounting accessories. | 1,006.54 | 80.20 |

## 22 46 Security Plumbing Fixtures *(22 40)*

### 22 46 13 Security Water Closets and Urinals *(22 46)*

#### 22 46 13 13 Security Water Closets *(22 46 13)*

22 46 13 13-0001 Security Water Closets *(22 46 13 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 46 13 13-0002 | EA | Security Water Closet, Integral Seat, Back Supply And Flush Valve, Wall Hung, Wall Outlet, Cast Aluminum (Acorn 1675) | 3,269.12 | 267.31 |
| | | *For Angled Toilet, Add* | *26.73* | |
| | | *For Offset Toilet, Add* | *300.18* | |
| 22 46 13 13-0003 | EA | Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Wall Outlet, Cast Aluminum (Acorn 1684) | 3,973.49 | 267.31 |
| | | *For Angled Toilet, Add* | *26.73* | |
| | | *For Offset Toilet, Add* | *370.62* | |
| 22 46 13 13-0004 | EA | Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Floor Outlet, Cast Aluminum (Acorn 1695) | 4,035.20 | 267.31 |
| | | *For Angled Toilet, Add* | *26.73* | |
| | | *For Offset Toilet, Add* | *376.79* | |
| 22 46 13 13-0005 | EA | Recessed Tissue Holder For Security Water Closet, Stainless Steel (Acorn 1840) | 360.05 | 53.46 |

### 22 46 13 16 Security Urinals *(22 46 13)*

22 46 13 16-0001 Security Urinals *(22 46 13 16)*

| | | | | |
|---|---|---|---|---|
| 22 46 13 16-0002 | EA | Security Urinal, Back Supply And Flush, Wall Hung, Stainless Steel (Acorn 1700) | 3,892.37 | 240.59 |
| 22 46 13 16-0003 | EA | Security Urinal, Back Supply And Flush, Stall, Stainless Steel (Acorn 1720) | 6,627.21 | 341.85 |

### 22 46 13 19 Security Combination Toilet and Lavatory *(22 46 13)*

22 46 13 19-0001 Security Combination Toilet - Lavatory *(22 46 13 19)*

| | | | | |
|---|---|---|---|---|
| 22 46 13 19-0002 | EA | 15" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1415) | 5,978.72 | 331.47 |
| | | *For Angled Toilet, Add* | *33.15* | |
| | | *For Offset Toilet, Add* | *564.73* | |
| | | *For 15" Mirror/Shelf Module, Add* | *881.47* | |
| | | *For AC Duplex Outlet Option, Add* | *96.29* | |
| | | *For Intercom Option, Add* | *141.29* | |
| | | *For 15" Wide Light/Ventilation Module, Add* | *833.88* | |
| 22 46 13 19-0003 | EA | 18" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1418) | 6,157.62 | 347.51 |
| | | *For Angled Toilet, Add* | *34.75* | |
| | | *For Offset Toilet, Add* | *581.01* | |
| | | *For 18" Mirror/Shelf Module, Add* | *922.51* | |
| | | *For AC Duplex Outlet Option, Add* | *99.50* | |
| | | *For Intercom Option, Add* | *144.50* | |
| | | *For 18" Wide Light/Ventilation Module, Add* | *858.50* | |
| 22 46 13 19-0004 | EA | 20" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1420) | 6,291.86 | 363.54 |
| | | *For Angled Toilet, Add* | *36.36* | |
| | | *For Offset Toilet, Add* | *592.83* | |
| | | *For 20" Mirror/Shelf Module, Add* | *973.55* | |
| | | *For AC Duplex Outlet Option, Add* | *102.71* | |
| | | *For Intercom Option, Add* | *147.71* | |
| | | *For 20" Wide Light/Ventilation Module, Add* | *893.13* | |
| 22 46 13 19-0005 | EA | 26" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1426) | 6,736.76 | 379.58 |
| | | *For Angled Toilet, Add* | *37.96* | |
| | | *For Offset Toilet, Add* | *635.72* | |
| | | *For 26" Mirror/Shelf Module, Add* | *1,014.59* | |
| | | *For AC Duplex Outlet Option, Add* | *105.92* | |
| | | *For Intercom Option, Add* | *150.92* | |
| | | *For 26" Wide Light/Ventilation Module, Add* | *922.75* | |
| 22 46 13 19-0006 | EA | 28" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Floor Mounted, Stainless Steel (Acorn 1428) | 10,933.36 | 395.63 |
| | | *For Angled Toilet, Add* | *39.56* | |
| | | *For Offset Toilet, Add* | *1,053.77* | |
| | | *For 28" Mirror/Shelf Module, Add* | *1,050.63* | |
| | | *For AC Duplex Outlet Option, Add* | *109.13* | |
| | | *For Intercom Option, Add* | *154.13* | |
| | | *For 28" Wide Light/Ventilation Module, Add* | *952.38* | |

## 22 46 16 Security Lavatories and Sinks *(22 46)*

### 22 46 16 13 Security Lavatories *(22 46 16)*

22 46 16 13-0001 Security Lavatories *(22 46 16 13)*

| | | | | |
|---|---|---|---|---|
| 22 46 16 13-0002 | EA | 20" Security Lavatory, Wall Hung, Push Button Filler Valve, Rectangular Bowl, Stainless Steel (Acorn 1650) | 2,358.12 | 187.12 |
| | | *For Shelf, Add* | *91.14* | |
| 22 46 16 13-0003 | EA | 18" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Stainless Steel (Acorn 1655) | 2,398.97 | 187.12 |
| | | *For Shelf, Add* | *91.14* | |
| 22 46 16 13-0004 | EA | 13" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Corner Mount, Stainless Steel (Acorn 1660) | 2,744.00 | 187.12 |
| | | *For Shelf, Add* | *91.14* | |
| 22 46 16 13-0005 | EA | 18" Security Lavatory, Wall Hung, Push Button Filler Valve, Multi Sided Bowl, Stainless Steel (Acorn 1656) | 2,398.97 | 187.12 |
| | | *For Shelf, Add* | *91.14* | |

### 22 46 16 16 Security Sinks *(22 46 16)*

22 46 16 16-0001 Security Sinks *(22 46 16 16)*

| | | | | |
|---|---|---|---|---|
| 22 46 16 16-0002 | EA | 22" x 16" x 10" Security Service Sink, With Soap Dish, Stainless Steel (Acorn 1642) | 5,114.26 | 284.96 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 46 16 16-0003 | | Security Mop Sink *(22 46 16 16)* | | |
| 22 46 16 16-0004 | EA | 24" x 24" x 10" Stainless Steel Mop Sink With Strainer (ACORN 1630) | 3,612.55 | 160.39 |
| **22 46 19** | | **Security Showers** *(22 46)* | | |
| 22 46 19 00-0001 | EA | 30" Security Shower, Stainless Steel, Knock-Down (Acorn 1730-3M-KD) | 13,450.90 | 427.70 |
| 22 46 19 00-0002 | EA | 32" Security Shower, Stainless Steel, Knock-Down (Acorn 1732-3M-KD) | 13,944.60 | 427.70 |
| 22 46 19 00-0003 | EA | 36" Security Shower, Stainless Steel, Knock-Down (Acorn 1736-3M-KD) | 14,452.70 | 427.70 |
| 22 46 19 00-0004 | EA | 36" ADA Security Shower, Stainless Steel, Front Access (Acorn 1736-ADA-3M-FA) | 18,431.09 | 427.70 |
| 22 46 19 00-0005 | EA | Security Shower Package For Built-in, Hot And Cold Faucets, Mixing Valve, Rectangular Soap Dish, Stainless Steel (Acorn 1741) | 825.13 | 142.74 |
| 22 46 19 00-0006 | EA | Security Shower Head With Mixing Valves And Piping Assembly In Wall (Acorn 1743) | 610.48 | 74.85 |
| 22 47 | | Drinking Fountains and Water Coolers *(22 40)* | | |
| **22 47 13** | | **Drinking Fountains** *(22 47)* | | |
| 22 47 13 00-0001 | | Indoor Drinking Fountains *(22 47 13)* | | |
| 22 47 13 00-0002 | | Face Mounted Indoor Drinking Fountain *(22 47 13 00-0001)* | | |
| 22 47 13 00-0003 | EA | Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S) | 1,653.13 | 173.76 |
| 22 47 13 00-0004 | EA | Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP) | 2,388.38 | 187.12 |
| 22 47 13 00-0005 | EA | Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E) | 2,162.43 | 173.76 |
| 22 47 13 00-0006 | EA | Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP) | 2,571.79 | 187.12 |
| 22 47 13 00-0007 | EA | Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS) | 1,124.61 | 173.76 |
| 22 47 13 00-0008 | EA | Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP) | 1,338.73 | 187.12 |
| 22 47 13 00-0009 | EA | Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE) | 1,265.50 | 173.76 |
| 22 47 13 00-0010 | EA | Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP) | 1,529.19 | 187.12 |
| 22 47 13 00-0011 | | Wall Mounted Indoor Drinking Fountain *(22 47 13 00-0001)* | | |
| 22 47 13 00-0012 | EA | Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701) | 1,160.17 | 187.12 |
| 22 47 13 00-0013 | EA | Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF) | 1,625.24 | 187.12 |
| 22 47 13 00-0014 | EA | Bi-Level, Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8BLWF) | 2,219.64 | 187.12 |
| 22 47 13 00-0015 | | Semi-Recessed Indoor Drinking Fountain *(22 47 13 00-0001)* | | |
| 22 47 13 00-0016 | EA | Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801) | 1,543.49 | 200.48 |
| 22 47 13 00-0017 | EA | Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C) | 3,244.04 | 200.48 |
| 22 47 13 00-0018 | | Fully Recessed Indoor Drinking Fountain *(22 47 13 00-0001)* | | |
| 22 47 13 00-0019 | EA | Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400) | 1,650.80 | 213.85 |
| 22 47 13 00-0020 | EA | Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403) | 2,955.44 | 213.85 |
| 22 47 13 00-0021 | | Countertop Indoor Drinking Fountain *(22 47 13 00-0001)* | | |
| 22 47 13 00-0022 | EA | Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000) | 698.59 | 133.66 |
| 22 47 13 00-0023 | EA | Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000) | 674.03 | 133.66 |
| 22 47 13 00-0024 | EA | Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028) | 808.62 | 133.66 |
| 22 47 13 00-0025 | | Bowl And Bracket Indoor Drinking Fountain *(22 47 13 00-0001)* | | |
| 22 47 13 00-0026 | EA | Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A) | 596.42 | 133.66 |
| 22 47 13 00-0027 | EA | Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540) | 710.51 | 133.66 |
| 22 47 13 00-0028 | | Multi-Station Indoor Drinking Fountain *(22 47 13 00-0001)* | | |
| 22 47 13 00-0029 | EA | Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020) | 3,068.42 | 213.85 |
| 22 47 13 00-0030 | EA | Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030) | 3,842.52 | 213.85 |
| 22 47 13 00-0031 | EA | Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120) | 2,929.79 | 213.85 |
| 22 47 13 00-0032 | EA | Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430) | 2,480.94 | 213.85 |
| 22 47 13 00-0033 | EA | Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435) | 3,107.71 | 213.85 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 47 13 00-0034 | EA | Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4) | 2,733.50 | 272.79 |
| 22 47 13 00-0035 | EA | Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441) | 4,768.18 | 213.85 |
| 22 47 13 00-0036 | EA | Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408) | 4,684.55 | 213.85 |
| 22 47 13 00-0037 | | Outdoor Drinking Fountains *(22 47 13)* | | |
| 22 47 13 00-0038 | | Face Mounted Outdoor Drinking Fountains *(22 47 13 00-0037)* | | |
| 22 47 13 00-0039 | EA | Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR) | 1,449.25 | 213.85 |
| 22 47 13 00-0040 | EA | Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR) | 1,582.65 | 213.85 |
| 22 47 13 00-0041 | EA | Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592) | 1,524.72 | 213.85 |
| 22 47 13 00-0042 | EA | Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR) | 2,207.51 | 213.85 |
| 22 47 13 00-0043 | | Free Standing Outdoor Drinking Fountains *(22 47 13 00-0037)* | | |
| 22 47 13 00-0044 | EA | Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715) | 2,691.54 | 200.48 |
| 22 47 13 00-0045 | EA | Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR) | 3,756.09 | 200.48 |
| 22 47 13 00-0046 | EA | Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710) | 2,688.00 | 200.48 |
| 22 47 13 00-0047 | EA | Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR) | 3,688.09 | 200.48 |
| 22 47 13 00-0048 | EA | Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720) | 3,975.04 | 213.85 |
| 22 47 13 00-0049 | EA | Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR) | 4,046.13 | 213.85 |
| 22 47 13 00-0050 | EA | Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591) | 1,540.10 | 200.48 |
| 22 47 13 00-0051 | EA | Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590) | 2,614.31 | 200.48 |
| 22 47 13 00-0052 | EA | Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR) | 3,678.86 | 200.48 |
| 22 47 13 00-0053 | EA | Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595) | 4,323.45 | 213.85 |
| 22 47 13 00-0054 | EA | Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR) | 6,041.83 | 213.85 |
| **22 47 16** | | **Pressure Water Coolers** *(22 47)* | | |
| 22 47 16 00-0001 | | Indoor Water Coolers *(22 47 16)* | | |
| 22 47 16 00-0002 | | Face Mounted Indoor Water Coolers *(22 47 16 00-0001)* | | |
| 22 47 16 00-0003 | EA | Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q) | 3,082.50 | 213.85 |
| 22 47 16 00-0004 | EA | Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q) | 3,286.98 | 213.85 |
| 22 47 16 00-0005 | | Wall Mounted Indoor Water Coolers *(22 47 16 00-0001)* | | |
| 22 47 16 00-0006 | EA | Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q) | 1,498.40 | 213.85 |
| 22 47 16 00-0007 | EA | Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q) | 1,551.05 | 213.85 |
| 22 47 16 00-0008 | EA | Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q) | 1,716.05 | 213.85 |
| 22 47 16 00-0009 | EA | Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS) | 1,779.23 | 213.85 |
| 22 47 16 00-0010 | EA | Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA) | 1,333.40 | 213.85 |
| 22 47 16 00-0011 | EA | Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS) | 1,535.26 | 213.85 |
| 22 47 16 00-0012 | EA | Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS) | 1,220.19 | 213.85 |
| 22 47 16 00-0013 | EA | Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS) | 2,035.21 | 320.77 |
| 22 47 16 00-0014 | EA | Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL) | 1,805.85 | 213.85 |
| 22 47 16 00-0015 | | Simulated Recessed Indoor Water Coolers *(22 47 16 00-0001)* | | |
| 22 47 16 00-0016 | EA | Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q) | 1,775.57 | 213.85 |
| 22 47 16 00-0017 | | Fully Recessed Indoor Water Coolers *(22 47 16 00-0001)* | | |
| 22 47 16 00-0018 | EA | Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q) | 3,400.96 | 240.59 |
| 22 47 16 00-0019 | EA | Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762) | 4,139.61 | 240.59 |
| 22 47 16 00-0020 | EA | Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700) | 4,834.18 | 240.59 |
| 22 47 16 00-0021 | | Free Standing Indoor Water Coolers *(22 47 16 00-0001)* | | |
| 22 47 16 00-0022 | EA | Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q) | 1,438.78 | 187.12 |
| 22 47 16 00-0023 | EA | Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q) | 1,541.46 | 187.12 |
| 22 47 16 00-0024 | EA | Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q) | 1,742.44 | 187.12 |
| 22 47 16 00-0025 | EA | Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q) | 1,932.88 | 187.12 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 47 16 00-0026 | | Bottled Water Coolers *(22 47 16 00-0001)* | | |
| 22 47 16 00-0027 | EA | Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water | 509.88 | 106.92 |
| 22 47 16 00-0028 | EA | Free-Standing Bottled Water Cooler With Chilled Or Hot Water | 604.19 | 106.92 |
| 22 47 16 00-0029 | | Multi-Station Indoor Water Coolers *(22 47 16 00-0001)* | | |
| 22 47 16 00-0030 | EA | Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q) | 3,426.24 | 320.77 |
| 22 47 16 00-0031 | EA | Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q) | 5,196.40 | 320.77 |
| 22 47 16 00-0032 | EA | Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS) | 2,199.32 | 320.77 |
| 22 47 16 00-0033 | | Outdoor Water Coolers *(22 47 16)* | | |
| 22 47 16 00-0034 | | Wall Mounted Outdoor Water Coolers *(22 47 16 00-0033)* | | |
| 22 47 16 00-0035 | EA | Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS) | 1,529.71 | 133.66 |
| 22 47 16 00-0036 | EA | Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS) | 2,605.29 | 133.66 |
| 22 47 16 00-0037 | | Free Standing Outdoor Water Coolers *(22 47 16 00-0033)* | | |
| 22 47 16 00-0038 | EA | Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q) | 2,518.65 | 200.48 |
| 22 47 16 00-0039 | EA | Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q) | 3,010.11 | 200.48 |
| 22 47 16 00-0040 | | Removal And Reinstallation Of Fixtures And Trim *(22 47 16)*<br>Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture. | | |
| 22 47 16 00-0041 | EA | Removal And Reinstallation Of Wall Hung Water Cooler | 519.57 | |
| 22 47 16 00-0042 | EA | Removal And Reinstallation Of Floor Mount Water Cooler | 116.11 | |
| **22 47 19** | | **Water-Station Water Coolers** *(22 47)* | | |
| 22 47 19 00-0001 | | Bottle Filler *(22 47 19)* | | |
| 22 47 19 00-0002 | EA | Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF) | 3,624.63 | 213.85 |
| | | *For Stainless Steel Carrier, Add* | *205.00* | |
| 22 47 19 00-0003 | EA | Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK) | 4,573.26 | 213.85 |
| | | *For Stainless Steel Carrier, Add* | *205.00* | |
| 22 47 19 00-0004 | EA | Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1) | 5,862.56 | 240.59 |
| | | *For Stainless Steel Carrier, Add* | *205.00* | |
| 22 47 19 00-0005 | EA | Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2) | 6,330.10 | 240.59 |
| | | *For Stainless Steel Carrier, Add* | *205.00* | |
| 22 47 19 00-0006 | EA | Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3) | 6,797.63 | 240.59 |
| | | *For Stainless Steel Carrier, Add* | *205.00* | |
| **22 47 23** | | **Remote Water Coolers** *(22 47)* | | |
| 22 47 23 00-0001 | | Remote Chillers *(22 47 23)* | | |
| 22 47 23 00-0002 | EA | 1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q) | 879.79 | 72.18 |
| 22 47 23 00-0003 | EA | 5 GPH Remote Chiller (Halsey-Taylor SJ5-Q) | 1,329.37 | 80.20 |
| 22 47 23 00-0004 | EA | 8 GPH Remote Chiller (Halsey-Taylor SJ8-Q) | 1,148.99 | 93.56 |
| 22 47 23 00-0005 | EA | 10 GPH Remote Chiller (Halsey-Taylor SJ10-Q) | 1,474.99 | 106.92 |
| 22 47 23 00-0006 | EA | 19 GPH Remote Chiller (Halsey-Taylor SJ19-Q) | 2,308.60 | 160.39 |
| 22 47 23 00-0007 | EA | 30 GPH Remote Chiller (Halsey-Taylor SJ30-Q) | 2,502.93 | 173.76 |
| **22 47 26** | | **Fixture Carriers** *(22 47)* | | |
| 22 47 26 00-0001 | | Water Cooler Carriers *(22 47 26)* | | |
| 22 47 26 00-0002 | | Floor Mounted, Water Cooler Carriers *(22 47 26 00-0001)*<br>Note: Includes adjustable supporting rods, structural uprights and welded feet. | | |
| 22 47 26 00-0003 | EA | Floor Mounted Hanger Plate Type, Single Water Cooler Carrier | 523.71 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For Bi-Level Carrier, Add* | *291.44* | |
| 22 47 26 00-0004 | EA | Floor Mounted Bearing Plate Type, Single Water Cooler Carrier | 570.15 | 40.64 |
| | | *For Up To 4" Extension Sleeves And Hardware, Add* | *25.66* | |
| | | *For Bi-Level Carrier, Add* | *291.44* | |

## 22 50 Pool and Fountain Plumbing Systems *(22)*

### 22 51 Swimming Pool Plumbing Systems *(22 50)*

**22 51 13 Swimming Pool Piping** *(22 51)*

22 51 13 00-0001 Swimming Pool Gutters *(22 51 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 51 13 00-0002 | LF | Swimming Pool Gutters, Stainless | 347.78 | 24.06 |
| 22 51 13 00-0003 | | Pool Drains *(22 51 13)* | | |
| 22 51 13 00-0004 | | Cast Iron Pool Drain With Bottom Outlet *(22 51 13 00-0003)* | | |
| | | Note: Large square top and 24" loose set round super-flo grate. | | |
| 22 51 13 00-0005 | EA | Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate | 2,827.64 | 67.36 |
| 22 51 13 00-0006 | | Cast Iron Pool Drain With Waterproof Flange *(22 51 13 00-0003)* | | |
| | | Note: Bottom outlet 14" square top and loose set square flange. | | |
| 22 51 13 00-0007 | EA | Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top | 798.86 | 67.36 |
| 22 51 13 00-0008 | | Pool Supply Fittings *(22 51 13)* | | |
| 22 51 13 00-0009 | | Cast Iron Pool Supply Fittings *(22 51 13 00-0008)* | | |
| | | Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet. | | |
| 22 51 13 00-0010 | EA | Cast Iron Pool Fitting For 2" Pipe | 1,031.51 | 120.29 |
| 22 51 13 00-0011 | EA | Cast Iron Pool Fitting For 3" Pipe | 1,031.51 | 120.29 |
| **22 51 16** | | **Swimming Pool Pumps** *(22 51)* | | |
| 22 51 16 00-0001 | | Variable Speed Pool Pumps *(22 51 16)* | | |
| 22 51 16 00-0002 | EA | 3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017) | 2,646.33 | 454.44 |
| 22 51 16 00-0003 | EA | Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP) | 2,892.89 | 454.44 |
| 22 51 16 00-0004 | EA | Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR) | 3,223.84 | 454.44 |
| 22 51 16 00-0005 | | Electric Powered Portable Vacuum Cleaner Pump *(22 51 16)* | | |
| | | Note: Includes 75' of 3 wire electric safety cord. | | |
| 22 51 16 00-0006 | EA | 1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord | 370.33 | 53.46 |
| 22 51 16 00-0007 | EA | 1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord | 643.17 | 53.46 |
| 22 51 16 00-0008 | | Gasoline Driven Portable Vacuum Cleaner Pump *(22 51 16)* | | |
| 22 51 16 00-0009 | EA | 3 HP Gasoline Driven Portable Vacuum Cleaner Pump | 2,457.03 | 53.46 |
| **22 51 19** | | **Swimming Pool Water Treatment Equipment** *(22 51)* | | |
| 22 51 19 00-0001 | | Condensing Pool Water Heater *(22 51 19)* | | |
| 22 51 19 00-0002 | EA | 372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400) | 35,404.68 | 766.36 |
| 22 51 19 00-0003 | EA | 467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501) | 38,595.33 | 919.63 |
| 22 51 19 00-0004 | EA | 567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601) | 42,320.44 | 996.27 |
| 22 51 19 00-0005 | EA | 660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701) | 51,946.08 | 1,072.90 |
| 22 51 19 00-0006 | EA | 773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801) | 53,892.34 | 1,149.53 |
| 22 51 19 00-0007 | EA | 967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015) | 81,587.50 | 1,379.44 |
| 22 51 19 00-0008 | EA | 1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320) | 104,460.70 | 1,456.08 |
| 22 51 19 00-0009 | EA | 1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520) | 108,689.41 | 1,571.04 |
| 22 51 19 00-0010 | | Non Condensing Pool Water Heater *(22 51 19)* | | |
| 22 51 19 00-0011 | EA | 500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0502) | 19,231.31 | 996.27 |
| 22 51 19 00-0012 | EA | 650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0652) | 20,499.13 | 1,072.90 |
| 22 51 19 00-0013 | EA | 750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0752) | 22,326.79 | 1,149.53 |
| 22 51 19 00-0014 | EA | 990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0992) | 29,464.57 | 1,379.44 |
| 22 51 19 00-0015 | EA | 1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1262) | 34,102.53 | 1,456.08 |
| 22 51 19 00-0016 | EA | 1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1442) | 36,410.37 | 1,571.04 |
| 22 51 19 00-0017 | EA | 1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1802) | 36,102.05 | 1,647.67 |
| 22 51 19 00-0018 | EA | 2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN2072) | 46,663.72 | 1,685.99 |
| 22 51 19 00-0019 | | Swimming Pool Heaters *(22 51 19)* | | |
| | | Note: Excludes wiring, external piping, base or pad. Commercial pools. | | |
| 22 51 19 00-0020 | | Electric Pool Heaters *(22 51 19 00-0019)* | | |
| 22 51 19 00-0021 | EA | 12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool | 4,305.82 | 213.85 |
| 22 51 19 00-0022 | EA | 18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool | 4,812.86 | 229.89 |
| 22 51 19 00-0023 | EA | 24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool | 5,346.24 | 267.31 |
| 22 51 19 00-0024 | EA | 30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool | 5,656.87 | 320.77 |
| 22 51 19 00-0025 | EA | 36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool | 6,217.00 | 449.09 |
| 22 51 19 00-0026 | EA | 60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool | 7,117.50 | 641.55 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 51 19 00-0027** | | **Gas Fired Pool Heaters** *(22 51 19 00-0019)* | | |
| 22 51 19 00-0028 | EA | 120 MBH Output Gas Fired Pool Heater | 5,458.74 | 969.74 |
| 22 51 19 00-0029 | EA | 180 MBH Output Gas Fired Pool Heater | 6,201.05 | 1,108.27 |
| 22 51 19 00-0030 | EA | 240 MBH Output Gas Fired Pool Heater | 7,006.37 | 1,246.81 |
| 22 51 19 00-0031 | EA | 300 MBH Output Gas Fired Pool Heater | 8,071.00 | 1,523.88 |
| 22 51 19 00-0032 | EA | 360 MBH Output Gas Fired Pool Heater | 8,393.21 | 1,635.19 |
| 22 51 19 00-0033 | EA | 400 MBH Output Gas Fired Pool Heater | 9,669.82 | 1,937.94 |
| 22 51 19 00-0034 | EA | 500 MBH Output Gas Fired Pool Heater | 15,174.84 | 2,236.08 |
| 22 51 19 00-0035 | EA | 600 MBH Output Gas Fired Pool Heater | 17,590.24 | 2,459.68 |
| 22 51 19 00-0036 | EA | 750 MBH Output Gas Fired Pool Heater | 19,831.85 | 2,683.30 |
| 22 51 19 00-0037 | EA | 1,000 MBH Output Gas Fired Pool Heater | 25,416.00 | 3,167.77 |
| **22 51 19 00-0038** | | **Surge Tanks** *(22 51 19)* Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump. | | |
| 22 51 19 00-0039 | EA | 1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch | 16,992.03 | 792.21 |
| 22 51 19 00-0040 | EA | 1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch | 19,031.40 | 792.21 |
| 22 51 19 00-0041 | EA | 2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch | 22,927.39 | 995.77 |
| 22 51 19 00-0042 | EA | 5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch | 30,427.84 | 1,607.07 |
| **22 51 19 00-0043** | | **Diatomite Type Filter System** *(22 51 19)* | | |
| 22 51 19 00-0044 | EA | 35,000 Gallon Filter System, Diatomite | 14,300.00 | 2,916.12 |
| 22 51 19 00-0045 | EA | 45,000 Gallon Filter System, Diatomite | 17,046.75 | 3,499.34 |
| **22 51 19 00-0046** | | **Silver Recovery System, X-Ray Film Processing** *(22 51 19)* | | |
| 22 51 19 00-0047 | EA | 20 Gallon/Day Capacity, Silver Recovery System | 1,996.77 | 362.86 |
| 22 51 19 00-0048 | EA | 40 Gallon/Day Capacity, Silver Recovery System | 2,931.97 | 483.85 |
| **22 51 19 00-0049** | | **Inline Water Filter** *(22 51 19)* Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge. | | |
| 22 51 19 00-0050 | EA | 2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body | 262.98 | 106.92 |
| 22 51 19 00-0051 | EA | 6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body | 479.01 | 160.39 |
| **22 51 19 00-0052** | | **Swimming Pool Chlorinators** *(22 51 19)* | | |
| 22 51 19 00-0053 | EA | Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator | 1,131.74 | 152.91 |
| **22 51 19 00-0054** | | **Ultra-Violet Pool Treatment Lights** *(22 51 19)* | | |
| **22 51 19 00-0055** | | **Stainless Steel Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0054)* Note: Delta ELP Amalgam Series | | |
| 22 51 19 00-0056 | EA | 3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 13,738.70 | 333.39 |
| 22 51 19 00-0057 | EA | 3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 14,523.88 | 333.39 |
| 22 51 19 00-0058 | EA | 3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 15,196.90 | 333.39 |
| 22 51 19 00-0059 | EA | 4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 15,678.15 | 353.05 |
| 22 51 19 00-0060 | EA | 4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 16,011.67 | 353.05 |
| 22 51 19 00-0061 | EA | 4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 19,040.18 | 353.05 |
| 22 51 19 00-0062 | EA | 6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 22,494.03 | 634.00 |
| 22 51 19 00-0063 | EA | 6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 33,330.48 | 634.00 |
| 22 51 19 00-0064 | EA | 6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 36,586.08 | 634.00 |
| 22 51 19 00-0065 | EA | 8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 39,240.76 | 760.60 |
| 22 51 19 00-0066 | EA | 8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 42,140.67 | 760.60 |
| 22 51 19 00-0067 | EA | 8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 44,165.17 | 760.60 |
| 22 51 19 00-0068 | EA | 8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 46,353.80 | 760.60 |
| 22 51 19 00-0069 | EA | 10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 49,793.17 | 864.55 |
| 22 51 19 00-0070 | EA | 10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 53,623.28 | 864.55 |
| 22 51 19 00-0071 | EA | 10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 57,453.38 | 864.55 |
| 22 51 19 00-0072 | EA | 10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 62,104.21 | 864.55 |
| **22 51 19 00-0073** | | **HDPE Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0054)* Note: Delta EL Series | | |
| 22 51 19 00-0074 | EA | 3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing | 6,858.23 | 333.39 |
| 22 51 19 00-0075 | EA | 3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing | 7,624.23 | 333.39 |
| 22 51 19 00-0076 | EA | 4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing | 8,419.88 | 353.05 |
| **22 51 19 00-0077** | | **In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0054)* Note: Delta EM Series | | |
| 22 51 19 00-0078 | EA | 3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 26,555.87 | 333.39 |
| 22 51 19 00-0079 | EA | 3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 26,829.43 | 333.39 |
| 22 51 19 00-0080 | EA | 6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 28,663.25 | 634.00 |
| 22 51 19 00-0081 | EA | 6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 36,290.60 | 634.00 |
| 22 51 19 00-0082 | EA | 8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 50,621.62 | 760.60 |
| 22 51 19 00-0083 | EA | 10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 57,125.09 | 864.55 |
| 22 51 19 00-0084 | EA | 12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 67,359.87 | 1,118.77 |
| 22 51 19 00-0085 | EA | 12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing | 75,567.21 | 1,118.77 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 51 23** | | **Swimming Pool Equipment Controls** *(22 51)* | | |
| 22 51 23 00-0001 | | Pool Pump Variable Frequency Drive *(22 51 23)*<br>Note: Pentair Acu Drive XS | | |
| 22 51 23 00-0002 | EA | 3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01) | 4,353.40 | 211.56 |
| 22 51 23 00-0003 | EA | 5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01) | 4,673.27 | 238.02 |
| 22 51 23 00-0004 | EA | 7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01) | 5,596.14 | 297.52 |
| 22 51 23 00-0005 | EA | 10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01) | 5,947.56 | 355.03 |
| 22 51 23 00-0006 | EA | 15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01) | 6,362.61 | 413.22 |
| 22 51 23 00-0007 | EA | 20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01) | 7,210.84 | 472.06 |
| 22 51 23 00-0008 | EA | 3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01) | 4,358.92 | 211.56 |
| 22 51 23 00-0009 | EA | 5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01) | 4,594.21 | 238.02 |
| 22 51 23 00-0010 | EA | 7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01) | 4,948.95 | 297.52 |
| 22 51 23 00-0011 | EA | 10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01) | 5,318.76 | 355.03 |
| 22 51 23 00-0012 | EA | 15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01) | 6,272.52 | 413.22 |
| 22 51 23 00-0013 | EA | 20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01) | 6,966.30 | 472.06 |
| 22 51 23 00-0014 | EA | 3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB) | 5,002.01 | 211.56 |
| 22 51 23 00-0015 | EA | 5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB) | 5,750.79 | 238.02 |
| 22 51 23 00-0016 | EA | 7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB) | 6,395.90 | 297.52 |
| 22 51 23 00-0017 | EA | 10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB) | 6,900.00 | 355.03 |
| 22 51 23 00-0018 | EA | 15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB) | 8,122.87 | 413.22 |
| 22 51 23 00-0019 | EA | 20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB) | 9,158.93 | 472.06 |
| 22 51 23 00-0020 | EA | 3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB) | 5,369.75 | 211.56 |
| 22 51 23 00-0021 | EA | 5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB) | 5,585.87 | 238.02 |
| 22 51 23 00-0022 | EA | 7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB) | 5,905.04 | 297.52 |
| 22 51 23 00-0023 | EA | 10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB) | 6,243.90 | 355.03 |
| 22 51 23 00-0024 | EA | 15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB) | 7,126.57 | 413.22 |
| 22 51 23 00-0025 | EA | 20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB) | 7,799.75 | 472.06 |
| 22 51 23 00-0026 | EA | 1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12) | 3,691.17 | 211.56 |
| 22 51 23 00-0027 | EA | 3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12) | 3,752.24 | 211.56 |
| 22 51 23 00-0028 | EA | 1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12) | 3,789.97 | 211.56 |
| 22 51 23 00-0029 | EA | 1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12) | 3,891.63 | 211.56 |
| 22 51 23 00-0030 | EA | 2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12) | 4,045.19 | 211.56 |
| 22 51 23 00-0031 | EA | 3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12) | 4,164.31 | 211.56 |
| 22 51 23 00-0032 | EA | 5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12) | 4,459.49 | 238.02 |
| 22 51 23 00-0033 | EA | 7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12) | 5,318.41 | 297.52 |
| 22 51 23 00-0034 | EA | 10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12) | 5,693.05 | 355.03 |
| 22 51 23 00-0035 | EA | 15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12) | 6,081.69 | 413.22 |
| 22 51 23 00-0036 | EA | 20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12) | 6,910.22 | 472.06 |
| 22 51 23 00-0037 | EA | 25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12) | 9,072.89 | 588.42 |
| 22 51 23 00-0038 | EA | 30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12) | 10,015.35 | 647.92 |
| 22 51 23 00-0039 | EA | 40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12) | 11,840.06 | 707.42 |
| 22 51 23 00-0040 | EA | 50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12) | 13,776.47 | 826.44 |
| 22 51 23 00-0041 | EA | 60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12) | 15,089.30 | 885.94 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 51 23 00-0042 | EA | 1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12) | 3,767.28 | 211.56 |
| 22 51 23 00-0043 | EA | 3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12) | 3,846.16 | 211.56 |
| 22 51 23 00-0044 | EA | 1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12) | 3,945.40 | 211.56 |
| 22 51 23 00-0045 | EA | 1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12) | 4,030.71 | 211.56 |
| 22 51 23 00-0046 | EA | 2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12) | 4,117.64 | 211.56 |
| 22 51 23 00-0047 | EA | 3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12) | 4,209.38 | 211.56 |
| 22 51 23 00-0048 | EA | 5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12) | 4,428.90 | 238.02 |
| 22 51 23 00-0049 | EA | 7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12) | 4,756.64 | 297.52 |
| 22 51 23 00-0050 | EA | 10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12) | 5,101.99 | 355.03 |
| 22 51 23 00-0051 | EA | 15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12) | 6,198.55 | 413.22 |
| 22 51 23 00-0052 | EA | 20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12) | 6,835.85 | 472.06 |
| 22 51 23 00-0053 | EA | 25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12) | 7,541.46 | 588.42 |
| 22 51 23 00-0054 | EA | 30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12) | 8,528.21 | 647.92 |
| 22 51 23 00-0055 | EA | 40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12) | 9,625.78 | 707.42 |
| 22 51 23 00-0056 | EA | 50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12) | 11,792.12 | 826.44 |
| 22 51 23 00-0057 | EA | 60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12) | 12,953.05 | 885.94 |
| 22 51 23 00-0058 | EA | 75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12) | 14,520.16 | 945.44 |
| 22 51 23 00-0059 | EA | 100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12) | 17,191.61 | 1,001.64 |
| 22 51 23 00-0060 | EA | 125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12) | 19,816.45 | 1,057.83 |
| 22 51 23 00-0061 | EA | 150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12) | 21,497.28 | 1,183.45 |
| 22 51 23 00-0062 | EA | 200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12) | 25,087.62 | 1,295.84 |
| 22 51 23 00-0063 | EA | 1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB) | 5,319.37 | 211.56 |
| 22 51 23 00-0064 | EA | 3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB) | 5,380.44 | 211.56 |
| 22 51 23 00-0065 | EA | 1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB) | 5,418.17 | 211.56 |
| 22 51 23 00-0066 | EA | 1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB) | 5,519.83 | 211.56 |
| 22 51 23 00-0067 | EA | 2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB) | 5,673.39 | 211.56 |
| 22 51 23 00-0068 | EA | 3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB) | 5,792.51 | 211.56 |
| 22 51 23 00-0069 | EA | 5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB) | 6,087.69 | 238.02 |
| 22 51 23 00-0070 | EA | 7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB) | 6,762.28 | 297.52 |
| 22 51 23 00-0071 | EA | 10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB) | 7,325.19 | 355.03 |
| 22 51 23 00-0072 | EA | 15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB) | 8,580.68 | 413.22 |
| 22 51 23 00-0073 | EA | 20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB) | 9,697.71 | 472.06 |
| 22 51 23 00-0074 | EA | 25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB) | 11,418.88 | 588.42 |
| 22 51 23 00-0075 | EA | 30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB) | 12,571.42 | 647.92 |
| 22 51 23 00-0076 | EA | 40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB) | 16,048.40 | 707.42 |
| 22 51 23 00-0077 | EA | 50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB) | 21,150.74 | 826.44 |
| 22 51 23 00-0078 | EA | 60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB) | 23,243.06 | 885.94 |
| 22 51 23 00-0079 | EA | 1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB) | 5,296.27 | 211.56 |
| 22 51 23 00-0080 | EA | 3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB) | 5,375.13 | 211.56 |
| 22 51 23 00-0081 | EA | 1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB) | 5,474.39 | 211.56 |
| 22 51 23 00-0082 | EA | 1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB) | 5,559.69 | 211.56 |
| 22 51 23 00-0083 | EA | 2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB) | 5,646.61 | 211.56 |
| 22 51 23 00-0084 | EA | 3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB) | 5,738.36 | 211.56 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 51 23 00-0085 | EA | 5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB) | 5,957.89 | 238.02 |
| 22 51 23 00-0086 | EA | 7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB) | 6,283.97 | 297.52 |
| 22 51 23 00-0087 | EA | 10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB) | 6,629.33 | 355.03 |
| 22 51 23 00-0088 | EA | 15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB) | 7,759.05 | 413.22 |
| 22 51 23 00-0089 | EA | 20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB) | 8,447.67 | 472.06 |
| 22 51 23 00-0090 | EA | 25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB) | 9,262.53 | 588.42 |
| 22 51 23 00-0091 | EA | 30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB) | 10,437.74 | 647.92 |
| 22 51 23 00-0092 | EA | 40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB) | 12,354.67 | 707.42 |
| 22 51 23 00-0093 | EA | 50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB) | 14,217.37 | 826.44 |
| 22 51 23 00-0094 | EA | 60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB) | 15,825.26 | 885.94 |
| 22 51 23 00-0095 | EA | 75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB) | 18,368.99 | 945.44 |
| 22 51 23 00-0096 | EA | 100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB) | 24,201.73 | 1,001.64 |
| 22 51 23 00-0097 | EA | 125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB) | 26,768.75 | 1,057.83 |
| 22 51 23 00-0098 | EA | 150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB) | 33,617.18 | 1,183.45 |
| 22 51 23 00-0099 | EA | 200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB) | 39,491.89 | 1,295.84 |
| 22 51 23 00-0100 | EA | 380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136) | 361.71 | |
| 22 51 23 00-0101 | EA | 380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236) | 577.21 | |
| 22 51 23 00-0102 | EA | 380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172) | 638.77 | |
| 22 51 23 00-0103 | EA | 380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272) | 1,085.14 | |
| 22 51 23 00-0104 | EA | 380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372) | 2,070.23 | |
| 22 51 23 00-0105 | EA | 3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT) | 1,303.96 | |
| 22 51 23 00-0106 | EA | 4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT) | 1,363.65 | |
| 22 51 23 00-0107 | EA | 6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT) | 1,488.66 | |
| 22 51 23 00-0108 | EA | 8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT) | 1,597.28 | |
| 22 51 23 00-0109 | EA | 3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT) | 1,862.25 | |
| 22 51 23 00-0110 | EA | 4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT) | 1,918.36 | |
| 22 51 23 00-0111 | EA | 6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT) | 2,037.68 | |
| 22 51 23 00-0112 | EA | 8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT) | 2,142.94 | |
| 22 51 23 00-0113 | EA | 10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT) | 2,560.52 | |
| 22 51 23 00-0114 | EA | 12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT) | 2,572.13 | |

## 22 51 23 00-0115 Eco-Flow-E Aquatic Variable Frequency Drive And Options *(22 51 23)*

## 22 51 23 00-0116 Eco-Flow-E Aquatic Variable Frequency Drive *(22 51 23 00-0115)*

| | | | | |
|---|---|---|---|---|
| 22 51 23 00-0117 | EA | 2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4) | 3,459.11 | 176.31 |
| | | *For Bypass Panel, Add* | *789.33* | |
| 22 51 23 00-0118 | EA | 3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4) | 3,462.42 | 176.31 |
| | | *For Bypass Panel, Add* | *789.33* | |
| 22 51 23 00-0119 | EA | 5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4) | 3,524.15 | 198.34 |
| | | *For Bypass Panel, Add* | *789.33* | |
| 22 51 23 00-0120 | EA | 7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4) | 3,659.72 | 247.93 |
| | | *For Bypass Panel, Add* | *789.33* | |
| 22 51 23 00-0121 | EA | 10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4) | 3,959.67 | 295.86 |
| | | *For Bypass Panel, Add* | *789.33* | |
| 22 51 23 00-0122 | EA | 15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4) | 4,407.44 | 344.35 |
| | | *For Bypass Panel, Add* | *931.57* | |
| 22 51 23 00-0123 | EA | 20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4) | 5,193.89 | 393.38 |
| | | *For Bypass Panel, Add* | *931.57* | |
| 22 51 23 00-0124 | EA | 25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4) | 5,410.99 | 492.55 |
| | | *For Bypass Panel, Add* | *931.57* | |
| 22 51 23 00-0125 | EA | 30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4) | 6,469.91 | 541.59 |
| | | *For Bypass Panel, Add* | *931.57* | |
| 22 51 23 00-0126 | EA | 40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4) | 6,673.88 | 590.08 |
| | | *For Bypass Panel, Add* | *1,133.38* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 51 23 00-0127 | EA | 1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2) | 3,440.35 | 176.31 |
| | | *For Bypass Panel, Add* | *789.33* | |
| 22 51 23 00-0128 | EA | 1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2) | 3,444.77 | 176.31 |
| | | *For Bypass Panel, Add* | *789.33* | |
| 22 51 23 00-0129 | EA | 1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2) | 3,465.73 | 176.31 |
| | | *For Bypass Panel, Add* | *789.33* | |
| 22 51 23 00-0130 | EA | 5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2) | 3,541.80 | 198.34 |
| | | *For Bypass Panel, Add* | *931.57* | |
| 22 51 23 00-0131 | EA | 3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2) | 3,849.47 | 247.93 |
| | | *For Bypass Panel, Add* | *931.57* | |
| 22 51 23 00-0132 | EA | 5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2) | 4,292.82 | 295.86 |
| | | *For Bypass Panel, Add* | *931.57* | |
| 22 51 23 00-0133 | EA | 7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2) | 5,085.89 | 344.35 |
| | | *For Bypass Panel, Add* | *1,133.38* | |
| 22 51 23 00-0134 | EA | 10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2) | 5,204.93 | 393.38 |
| | | *For Bypass Panel, Add* | *1,133.38* | |
| 22 51 23 00-0135 | EA | 25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2) | 6,356.40 | 492.55 |
| | | *For Bypass Panel, Add* | *1,538.17* | |
| 22 51 23 00-0136 | EA | 15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2) | 6,562.58 | 541.59 |
| | | *For Bypass Panel, Add* | *2,117.26* | |

## 22 51 23 00-0137 Eco-Flow-E Aquatic Variable Frequency Drive Options *(22 51 23 00-0115)*

| | | | | |
|---|---|---|---|---|
| 22 51 23 00-0138 | EA | 0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30) | 478.59 | 82.64 |
| 22 51 23 00-0139 | EA | 0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100) | 478.59 | 82.64 |
| 22 51 23 00-0140 | EA | Lightning Arrestor (H2Flow LA) | 505.12 | 55.09 |
| 22 51 23 00-0141 | EA | 2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00) | 565.87 | 24.79 |
| 22 51 23 00-0142 | EA | 3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00) | 584.61 | 27.55 |
| 22 51 23 00-0143 | EA | 5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00) | 598.95 | 30.30 |
| 22 51 23 00-0144 | EA | 7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00) | 625.41 | 33.06 |
| 22 51 23 00-0145 | EA | 10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00) | 637.54 | 35.81 |
| 22 51 23 00-0146 | EA | 15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00) | 831.70 | 38.56 |
| 22 51 23 00-0147 | EA | 20 HP, 480 Volt, Load Reactor (TCI V1K27A00) | 866.99 | 41.32 |
| 22 51 23 00-0148 | EA | 25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00) | 905.59 | 44.08 |
| 22 51 23 00-0149 | EA | 30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00) | 943.10 | 46.83 |
| 22 51 23 00-0150 | EA | 40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00) | 976.18 | 49.59 |
| 22 51 23 00-0151 | EA | 25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00) | 1,341.32 | 52.34 |
| 22 51 23 00-0152 | EA | 1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L) | 173.13 | 27.55 |
| 22 51 23 00-0153 | EA | 2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L) | 185.27 | 30.30 |
| 22 51 23 00-0154 | EA | 3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L) | 207.31 | 33.06 |
| 22 51 23 00-0155 | EA | 5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L) | 272.40 | 35.81 |
| 22 51 23 00-0156 | EA | 7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L) | 305.49 | 38.56 |
| 22 51 23 00-0157 | EA | 10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L) | 316.51 | 41.32 |
| 22 51 23 00-0158 | EA | 15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L) | 327.54 | 44.08 |
| 22 51 23 00-0159 | EA | 20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L) | 347.40 | 46.83 |
| 22 51 23 00-0160 | EA | 25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L) | 438.94 | 49.59 |
| 22 51 23 00-0161 | EA | 30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L) | 451.07 | 52.34 |
| 22 51 23 00-0162 | EA | 1 HP, 480 Volt, Line Reactor (TCI KDRA8L) | 174.23 | 27.55 |
| 22 51 23 00-0163 | EA | 2 HP, 480 Volt, Line Reactor (TCI KDRA1L) | 191.89 | 30.30 |
| 22 51 23 00-0164 | EA | 3 HP, 480 Volt, Line Reactor (TCI KDRA2L) | 210.62 | 33.06 |
| 22 51 23 00-0165 | EA | 5 HP, 480 Volt, Line Reactor (TCI KDRA3L) | 221.65 | 35.81 |
| 22 51 23 00-0166 | EA | 7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L) | 231.58 | 38.56 |
| 22 51 23 00-0167 | EA | 10 HP, 480 Volt, Line Reactor (TCI KDRA5L) | 290.03 | 41.32 |
| 22 51 23 00-0168 | EA | 15 HP, 480 Volt, Line Reactor (TCI KDRB2L) | 302.16 | 44.08 |
| 22 51 23 00-0169 | EA | 20 HP, 480 Volt, Line Reactor (TCI KDRB1L) | 317.61 | 46.83 |
| 22 51 23 00-0170 | EA | 25 HP, 480 Volt, Line Reactor (TCI KDRD1L) | 328.63 | 49.59 |
| 22 51 23 00-0171 | EA | 30 HP, 480 Volt, Line Reactor (TCI KDRD2L) | 395.91 | 52.34 |
| 22 51 23 00-0172 | EA | 40 HP, 480 Volt, Line Reactor (TCI KDRC1L) | 431.21 | 55.09 |
| 22 51 23 00-0173 | EA | Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit | 70.58 | |
| 22 51 23 00-0174 | EA | Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit | 95.95 | |
| 22 51 23 00-0175 | EA | Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit | 119.11 | |

## 22 51 23 00-0176 Pool Flow Meters *(22 51 23)*

| | | | | |
|---|---|---|---|---|
| 22 51 23 00-0177 | EA | 20 To 110 GPM, 1-1/2" Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15) | 129.26 | 21.39 |
| 22 51 23 00-0178 | EA | 20 To 110 GPM, 2" x 2-1/2" Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R) | 129.26 | 21.39 |
| 22 51 23 00-0179 | EA | 20 To 110 GPM, 1-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15) | 202.87 | 40.09 |
| 22 51 23 00-0180 | EA | 20 To 110 GPM, 2" x 2-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C) | 172.03 | 42.77 |

## 22 51 23 00-0181 Paddlewheel Flow Sensors *(22 51 23)*

| | | | | |
|---|---|---|---|---|
| 22 51 23 00-0182 | EA | 1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0)<br>Note: Includes 25' of cable (extendable to 200'). | 846.46 | 63.64 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 51 23 00-0183 | EA | 1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO) | 1,121.15 | 63.64 |
| 22 51 23 00-0184 | EA | 1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO) | 1,121.15 | 63.64 |
| 22 51 23 00-0185 | EA | 1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO) | 1,164.17 | 63.64 |
| 22 51 23 00-0186 | EA | 1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO) | 1,210.51 | 63.64 |
| 22 51 23 00-0187 | EA | 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO) | 1,298.21 | 63.64 |
| 22 51 23 00-0188 | EA | 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO) | 1,298.21 | 63.64 |
| 22 51 23 00-0189 | EA | 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO) | 1,352.81 | 63.64 |
| 22 51 23 00-0190 | EA | 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO) | 1,405.76 | 63.64 |
| 22 51 23 00-0191 | EA | >4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1)<br>Note: Includes 25' of cable (extendable to 200'). | 884.52 | 63.64 |
| 22 51 23 00-0192 | EA | >4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1) | 1,164.17 | 63.64 |
| 22 51 23 00-0193 | EA | >4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1) | 1,164.17 | 63.64 |
| 22 51 23 00-0194 | EA | >4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1) | 1,210.51 | 63.64 |
| 22 51 23 00-0195 | EA | >4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1) | 1,253.53 | 63.64 |
| 22 51 23 00-0196 | EA | >8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2)<br>Note: Includes 25' of cable (extendable to 200'). | 919.27 | 63.64 |
| 22 51 23 00-0197 | EA | 2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020) | 285.51 | |
| 22 51 23 00-0198 | EA | 4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040) | 394.75 | |
| 22 51 23 00-0199 | EA | 6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060) | 485.80 | |
| 22 51 23 00-0200 | EA | 8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080) | 596.70 | |
| 22 51 23 00-0201 | EA | 10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100) | 788.66 | |
| 22 51 23 00-0202 | EA | 12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120) | 800.27 | |
| 22 51 23 00-0203 | EA | 24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524) | 280.10 | 17.63 |
| 22 51 23 00-0204 | EA | 24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524) | 384.35 | 17.63 |
| 22 51 23 00-0205 | EA | 24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024) | 473.70 | 17.63 |
| 22 51 23 00-0206 | EA | 24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024) | 599.46 | 17.63 |
| 22 51 23 00-0207 | EA | 24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024) | 831.13 | 17.63 |

## 22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities *(22)*

### 22 63 Gas Systems for Laboratory and Healthcare Facilities *(22 60)*

#### 22 63 13 Gas Piping for Laboratory and Healthcare Facilities *(22 63)*

##### 22 63 13 53 Laboratory Gas Piping *(22 63 13)*

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2161 for PVC piping.

### 22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

#### 22 66 53 Laboratory Chemical-Waste and Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

22 66 53 00-0002 Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings *(22 66 53 00-0001)*

22 66 53 00-0003 Schedule 40 Polypropylene Acid Resistant DWV Pipe *(22 66 53 00-0002)*

| | | | | |
|---|---|---|---|---|
| 22 66 53 00-0004 | LF | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe | 19.58 | 6.09 |
| 22 66 53 00-0005 | LF | 2" Schedule 40 Polypropylene Acid Resistant DWV Pipe | 24.41 | 6.84 |
| 22 66 53 00-0006 | LF | 3" Schedule 40 Polypropylene Acid Resistant DWV Pipe | 40.36 | 9.94 |
| 22 66 53 00-0007 | LF | 4" Schedule 40 Polypropylene Acid Resistant DWV Pipe | 55.50 | 12.93 |
| 22 66 53 00-0008 | LF | 6" Schedule 40 Polypropylene Acid Resistant DWV Pipe | 93.51 | 19.03 |

22 66 53 00-0009 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends *(22 66 53 00-0002)*

| | | | | |
|---|---|---|---|---|
| 22 66 53 00-0010 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend | 76.44 | 22.99 |
| 22 66 53 00-0011 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend | 97.60 | 30.37 |
| 22 66 53 00-0012 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend | 140.62 | 34.75 |
| 22 66 53 00-0013 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend | 209.79 | 45.98 |
| 22 66 53 00-0014 | EA | 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend | 447.90 | 67.90 |

22 66 53 00-0015 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends *(22 66 53 00-0002)*

| | | | | |
|---|---|---|---|---|
| 22 66 53 00-0016 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend | 75.73 | 22.99 |
| 22 66 53 00-0017 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend | 95.71 | 30.37 |
| 22 66 53 00-0018 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend | 144.24 | 34.75 |
| 22 66 53 00-0019 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend | 173.40 | 45.98 |
| 22 66 53 00-0020 | EA | 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend | 391.50 | 67.90 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 66 53 00-0021** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0022 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee | 125.84 | 49.19 |
| 22 66 53 00-0023 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee | 155.41 | 62.01 |
| 22 66 53 00-0024 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee | 226.72 | 67.90 |
| 22 66 53 00-0025 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee | 320.68 | 89.17 |
| 22 66 53 00-0026 | EA | 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee | 585.79 | 142.64 |
| **22 66 53 00-0027** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0028 | EA | 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee | 155.32 | 62.01 |
| 22 66 53 00-0029 | EA | 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee | 218.00 | 67.90 |
| 22 66 53 00-0030 | EA | 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee | 210.25 | 67.90 |
| 22 66 53 00-0031 | EA | 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee | 300.80 | 89.17 |
| 22 66 53 00-0032 | EA | 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee | 308.30 | 89.17 |
| 22 66 53 00-0033 | EA | 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee | 530.44 | 142.64 |
| **22 66 53 00-0034** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0035 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug | 151.29 | 49.19 |
| 22 66 53 00-0036 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug | 161.55 | 62.01 |
| 22 66 53 00-0037 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug | 245.55 | 67.90 |
| 22 66 53 00-0038 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug | 329.36 | 89.17 |
| 22 66 53 00-0039 | EA | 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug | 478.46 | 142.64 |
| **22 66 53 00-0040** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0041 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye | 140.12 | 49.19 |
| 22 66 53 00-0042 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye | 168.63 | 62.01 |
| 22 66 53 00-0043 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye | 234.60 | 67.90 |
| 22 66 53 00-0044 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye | 327.21 | 89.17 |
| 22 66 53 00-0045 | EA | 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye | 705.20 | 142.64 |
| **22 66 53 00-0046** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0047 | EA | 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye | 186.11 | 62.01 |
| 22 66 53 00-0048 | EA | 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye | 225.63 | 67.90 |
| 22 66 53 00-0049 | EA | 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye | 225.63 | 67.90 |
| 22 66 53 00-0050 | EA | 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye | 319.46 | 89.17 |
| 22 66 53 00-0051 | EA | 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye | 319.46 | 89.17 |
| 22 66 53 00-0052 | EA | 6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye | 602.34 | 142.64 |
| 22 66 53 00-0053 | EA | 6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye | 608.36 | 142.64 |
| 22 66 53 00-0054 | EA | 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye | 532.97 | 142.64 |
| **22 66 53 00-0055** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0056 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross | 173.85 | 61.48 |
| 22 66 53 00-0057 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross | 214.08 | 77.53 |
| 22 66 53 00-0058 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross | 323.07 | 84.90 |
| 22 66 53 00-0059 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross | 460.25 | 111.41 |
| 22 66 53 00-0060 | EA | 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross | 850.36 | 178.24 |
| **22 66 53 00-0061** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0062 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 121.19 | 49.19 |
| 22 66 53 00-0063 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 162.30 | 62.01 |
| 22 66 53 00-0064 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 190.54 | 67.90 |
| 22 66 53 00-0065 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 271.61 | 89.17 |
| 22 66 53 00-0066 | EA | 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 141.67 | 62.01 |
| 22 66 53 00-0067 | EA | 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 182.24 | 67.90 |
| 22 66 53 00-0068 | EA | 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 185.57 | 67.90 |
| 22 66 53 00-0069 | EA | 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 259.27 | 89.17 |
| 22 66 53 00-0070 | EA | 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend | 261.37 | 89.17 |
| **22 66 53 00-0071** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0072 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap | 145.06 | 57.10 |
| 22 66 53 00-0073 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap | 194.43 | 75.06 |
| 22 66 53 00-0074 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap | 313.83 | 101.90 |
| 22 66 53 00-0075 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap | 465.08 | 129.70 |
| **22 66 53 00-0076** | | **Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters** *(22 66 53 00-0002)* | | |
| 22 66 53 00-0077 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter | 74.46 | 22.99 |
| 22 66 53 00-0078 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter | 87.16 | 30.37 |
| 22 66 53 00-0079 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter | 103.72 | 34.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 66 53 00-0080 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter | 143.28 | 45.98 |
| 22 66 53 00-0081 | EA | 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter | 213.12 | 67.90 |
| 22 66 53 00-0082 | | Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters *(22 66 53 00-0002)* | | |
| 22 66 53 00-0083 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter | 69.45 | 22.99 |
| 22 66 53 00-0084 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter | 90.95 | 30.37 |
| 22 66 53 00-0085 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter | 110.67 | 34.75 |
| 22 66 53 00-0086 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter | 150.11 | 45.98 |
| 22 66 53 00-0087 | | Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings *(22 66 53 00-0002)* | | |
| 22 66 53 00-0088 | EA | 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling | 63.22 | 22.99 |
| 22 66 53 00-0089 | EA | 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling | 79.75 | 30.37 |
| 22 66 53 00-0090 | EA | 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling | 93.73 | 34.75 |
| 22 66 53 00-0091 | EA | 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling | 123.95 | 45.98 |
| 22 66 53 00-0092 | EA | 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling | 181.74 | 67.90 |
| 22 66 53 00-0093 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)* Note: Acid resistant. ASTM A518. | | |
| 22 66 53 00-0094 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0093)* | | |
| 22 66 53 00-0095 | LF | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe | 133.73 | 9.52 |
| 22 66 53 00-0096 | LF | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe | 188.91 | 11.87 |
| 22 66 53 00-0097 | LF | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe | 258.17 | 13.69 |
| 22 66 53 00-0098 | LF | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe | 423.85 | 18.27 |
| 22 66 53 00-0099 | LF | 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe | 752.45 | 24.64 |
| 22 66 53 00-0100 | LF | 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe | 1,337.59 | 31.07 |
| 22 66 53 00-0101 | LF | 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe | 2,392.50 | 41.86 |
| 22 66 53 00-0102 | LF | 15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe | 4,275.91 | 47.99 |
| 22 66 53 00-0103 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0093)* | | |
| 22 66 53 00-0104 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0103)* | | |
| 22 66 53 00-0105 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 514.76 | 81.05 |
| 22 66 53 00-0106 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 680.59 | 89.17 |
| 22 66 53 00-0107 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 1,122.86 | 106.71 |
| 22 66 53 00-0108 | EA | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 1,677.06 | 120.65 |
| 22 66 53 00-0109 | EA | 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 3,900.77 | 198.00 |
| 22 66 53 00-0110 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0103)* | | |
| 22 66 53 00-0111 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 284.23 | 81.05 |
| 22 66 53 00-0112 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 377.75 | 89.17 |
| 22 66 53 00-0113 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 476.48 | 106.71 |
| 22 66 53 00-0114 | EA | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 1,319.97 | 120.65 |
| 22 66 53 00-0115 | EA | 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 3,040.59 | 198.00 |
| 22 66 53 00-0116 | EA | 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 4,647.53 | 246.69 |
| 22 66 53 00-0117 | EA | 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 6,861.20 | 296.66 |
| 22 66 53 00-0118 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0103)* | | |
| 22 66 53 00-0119 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 284.23 | 81.05 |
| 22 66 53 00-0120 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 377.75 | 89.17 |
| 22 66 53 00-0121 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 476.48 | 106.71 |
| 22 66 53 00-0122 | EA | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 949.32 | 120.65 |
| 22 66 53 00-0123 | EA | 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 2,561.45 | 198.00 |
| 22 66 53 00-0124 | EA | 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 3,766.78 | 246.69 |
| 22 66 53 00-0125 | EA | 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 5,370.24 | 296.66 |
| 22 66 53 00-0126 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends *(22 66 53 00-0103)* | | |
| 22 66 53 00-0127 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend | 284.23 | 81.05 |
| 22 66 53 00-0128 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend | 377.75 | 89.17 |
| 22 66 53 00-0129 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend | 476.22 | 106.61 |
| 22 66 53 00-0130 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps *(22 66 53 00-0103)* | | |
| 22 66 53 00-0131 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep | 401.76 | 81.05 |
| 22 66 53 00-0132 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep | 734.84 | 89.17 |
| 22 66 53 00-0133 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep | 820.01 | 106.71 |
| 22 66 53 00-0134 | | Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees *(22 66 53 00-0103)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 66 53 00-0135 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee | 398.82 | 121.26 |
| 22 66 53 00-0136 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee | 508.89 | 134.40 |
| 22 66 53 00-0137 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee | 719.78 | 160.49 |
| 22 66 53 00-0138 | EA | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee | 1,221.07 | 181.31 |
| 22 66 53 00-0139 | EA | 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee | 3,885.51 | 297.26 |
| 22 66 53 00-0140 | EA | 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee | 5,544.27 | 371.18 |
| **22 66 53 00-0141** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0142 | EA | 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 373.18 | 116.23 |
| 22 66 53 00-0143 | EA | 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 440.25 | 124.78 |
| 22 66 53 00-0144 | EA | 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 496.50 | 129.16 |
| 22 66 53 00-0145 | EA | 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 570.94 | 142.64 |
| 22 66 53 00-0146 | EA | 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 613.91 | 147.13 |
| 22 66 53 00-0147 | EA | 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 679.09 | 151.52 |
| 22 66 53 00-0148 | EA | 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 846.21 | 156.90 |
| 22 66 53 00-0149 | EA | 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 946.45 | 160.94 |
| 22 66 53 00-0150 | EA | 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee | 1,066.01 | 168.34 |
| **22 66 53 00-0151** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0152 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee | 462.04 | 121.26 |
| 22 66 53 00-0153 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee | 562.60 | 134.09 |
| 22 66 53 00-0154 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee | 778.50 | 160.49 |
| **22 66 53 00-0155** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0156 | EA | 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee | 436.43 | 116.23 |
| 22 66 53 00-0157 | EA | 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee | 551.64 | 129.81 |
| 22 66 53 00-0158 | EA | 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee | 668.78 | 147.56 |
| 22 66 53 00-0159 | EA | 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee | 720.44 | 151.94 |
| **22 66 53 00-0160** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0161 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye | 394.52 | 121.47 |
| 22 66 53 00-0162 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye | 558.61 | 134.40 |
| 22 66 53 00-0163 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye | 719.59 | 160.39 |
| 22 66 53 00-0164 | EA | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye | 1,229.06 | 180.65 |
| 22 66 53 00-0165 | EA | 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye | 4,906.59 | 296.96 |
| **22 66 53 00-0166** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0167 | EA | 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 409.31 | 116.23 |
| 22 66 53 00-0168 | EA | 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 440.20 | 124.78 |
| 22 66 53 00-0169 | EA | 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 465.99 | 129.92 |
| 22 66 53 00-0170 | EA | 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 521.22 | 142.64 |
| 22 66 53 00-0171 | EA | 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 541.85 | 147.35 |
| 22 66 53 00-0172 | EA | 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 661.68 | 151.94 |
| 22 66 53 00-0173 | EA | 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 895.48 | 157.09 |
| 22 66 53 00-0174 | EA | 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 1,077.53 | 160.94 |
| 22 66 53 00-0175 | EA | 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 1,124.78 | 168.34 |
| 22 66 53 00-0176 | EA | 8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 2,849.80 | 239.56 |
| 22 66 53 00-0177 | EA | 8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 3,083.14 | 247.48 |
| 22 66 53 00-0178 | EA | 8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 3,793.63 | 260.15 |
| **22 66 53 00-0179** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0180 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend | 480.06 | 121.26 |
| 22 66 53 00-0181 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend | 576.16 | 134.09 |
| 22 66 53 00-0182 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend | 868.91 | 160.49 |
| 22 66 53 00-0183 | EA | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend | 1,346.93 | 180.84 |
| **22 66 53 00-0184** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0185 | EA | 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 391.23 | 116.23 |
| 22 66 53 00-0186 | EA | 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 458.28 | 124.78 |
| 22 66 53 00-0187 | EA | 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 510.96 | 129.81 |
| 22 66 53 00-0188 | EA | 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 552.86 | 142.64 |
| 22 66 53 00-0189 | EA | 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 646.18 | 147.56 |
| 22 66 53 00-0190 | EA | 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 738.46 | 151.84 |
| 22 66 53 00-0191 | EA | 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 954.17 | 157.09 |
| 22 66 53 00-0192 | EA | 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 1,208.69 | 161.03 |
| 22 66 53 00-0193 | EA | 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 1,328.60 | 168.62 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 66 53 00-0194** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0195 | EA | 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 241.00 | 76.35 |
| 22 66 53 00-0196 | EA | 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 265.46 | 80.62 |
| 22 66 53 00-0197 | EA | 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 299.02 | 84.90 |
| 22 66 53 00-0198 | EA | 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 498.23 | 94.10 |
| 22 66 53 00-0199 | EA | 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 522.74 | 98.48 |
| 22 66 53 00-0200 | EA | 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 557.77 | 100.66 |
| 22 66 53 00-0201 | EA | 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 736.52 | 108.35 |
| 22 66 53 00-0202 | EA | 8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 1,076.92 | 148.53 |
| 22 66 53 00-0203 | EA | 8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer | 1,145.52 | 161.10 |
| **22 66 53 00-0204** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0205 | EA | 2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser | 656.04 | 178.24 |
| 22 66 53 00-0206 | EA | 2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser | 891.09 | 178.24 |
| 22 66 53 00-0207 | EA | 3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser | 912.18 | 178.24 |
| 22 66 53 00-0208 | EA | 4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser | 991.90 | 224.48 |
| **22 66 53 00-0209** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0210 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap | 781.45 | 81.05 |
| 22 66 53 00-0211 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap | 947.28 | 89.17 |
| 22 66 53 00-0212 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap | 1,154.50 | 106.71 |
| 22 66 53 00-0213 | EA | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap | 3,476.07 | 120.65 |
| **22 66 53 00-0214** | | **Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs** *(22 66 53 00-0103)* | | |
| 22 66 53 00-0215 | EA | 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub | 370.12 | 81.05 |
| 22 66 53 00-0216 | EA | 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub | 472.67 | 89.17 |
| 22 66 53 00-0217 | EA | 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub | 657.28 | 106.71 |
| 22 66 53 00-0218 | EA | 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub | 840.08 | 120.65 |
| 22 66 53 00-0219 | EA | 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub | 1,671.75 | 168.34 |
| **22 66 53 00-0220** | | **Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0093)* | | |
| | | Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings. | | |
| 22 66 53 00-0221 | LB | Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings | 6.03 | |
| 22 66 53 00-0222 | LB | Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings | 82.87 | |
| **22 66 53 00-0223** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)* | | |
| | | Note: ASTM A518. | | |
| **22 66 53 00-0224** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe** *(22 66 53 00-0223)* | | |
| 22 66 53 00-0225 | LF | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe | 106.29 | 7.16 |
| 22 66 53 00-0226 | LF | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe | 121.04 | 7.91 |
| 22 66 53 00-0227 | LF | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe | 167.38 | 9.94 |
| 22 66 53 00-0228 | LF | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe | 211.62 | 11.54 |
| **22 66 53 00-0229** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings** *(22 66 53 00-0223)* | | |
| **22 66 53 00-0230** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0231 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 378.96 | 56.77 |
| 22 66 53 00-0232 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 408.12 | 64.16 |
| 22 66 53 00-0233 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 567.12 | 70.79 |
| 22 66 53 00-0234 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep | 684.30 | 85.54 |
| **22 66 53 00-0235** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0236 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 202.67 | 56.77 |
| 22 66 53 00-0237 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 244.40 | 63.51 |
| 22 66 53 00-0238 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 318.90 | 71.00 |
| 22 66 53 00-0239 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 421.16 | 84.90 |
| 22 66 53 00-0240 | EA | 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend | 239.10 | 59.99 |
| **22 66 53 00-0241** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0242 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 202.67 | 56.77 |
| 22 66 53 00-0243 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 244.40 | 63.51 |
| 22 66 53 00-0244 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 318.90 | 71.00 |
| 22 66 53 00-0245 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend | 421.16 | 84.90 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **22 66 53 00-0246** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0247 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend | 243.35 | 56.77 |
| 22 66 53 00-0248 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend | 307.69 | 63.51 |
| 22 66 53 00-0249 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend | 486.14 | 71.00 |
| 22 66 53 00-0250 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend | 543.20 | 84.90 |
| **22 66 53 00-0251** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0252 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend | 234.31 | 56.77 |
| 22 66 53 00-0253 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend | 280.56 | 63.51 |
| 22 66 53 00-0254 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend | 445.46 | 71.00 |
| 22 66 53 00-0255 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend | 502.52 | 84.90 |
| **22 66 53 00-0256** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0257 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend | 354.11 | 85.43 |
| **22 66 53 00-0258** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0259 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee | 281.78 | 85.43 |
| 22 66 53 00-0260 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee | 352.20 | 96.23 |
| 22 66 53 00-0261 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee | 472.68 | 107.24 |
| 22 66 53 00-0262 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee | 730.36 | 128.42 |
| **22 66 53 00-0263** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0264 | EA | 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee | 328.69 | 92.60 |
| 22 66 53 00-0265 | EA | 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee | 407.32 | 99.87 |
| 22 66 53 00-0266 | EA | 3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee | 435.21 | 103.39 |
| 22 66 53 00-0267 | EA | 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee | 464.80 | 114.09 |
| 22 66 53 00-0268 | EA | 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee | 514.90 | 117.30 |
| 22 66 53 00-0269 | EA | 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee | 560.92 | 120.82 |
| **22 66 53 00-0270** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0271 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye | 282.20 | 85.76 |
| 22 66 53 00-0272 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye | 334.11 | 96.23 |
| 22 66 53 00-0273 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye | 454.60 | 107.24 |
| 22 66 53 00-0274 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye | 730.36 | 128.42 |
| **22 66 53 00-0275** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0276 | EA | 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 315.85 | 93.13 |
| 22 66 53 00-0277 | EA | 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 393.73 | 99.76 |
| 22 66 53 00-0278 | EA | 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 413.08 | 103.72 |
| 22 66 53 00-0279 | EA | 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 465.32 | 114.42 |
| 22 66 53 00-0280 | EA | 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 515.87 | 117.94 |
| 22 66 53 00-0281 | EA | 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye | 547.81 | 121.14 |
| **22 66 53 00-0282** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0283 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 428.86 | 114.19 |
| 22 66 53 00-0284 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 554.23 | 128.53 |
| 22 66 53 00-0285 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 719.42 | 142.21 |
| 22 66 53 00-0286 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 943.40 | 170.98 |
| 22 66 53 00-0287 | EA | 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 475.17 | 120.93 |
| 22 66 53 00-0288 | EA | 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 535.56 | 128.10 |
| 22 66 53 00-0289 | EA | 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 645.68 | 135.16 |
| 22 66 53 00-0290 | EA | 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 712.54 | 149.69 |
| 22 66 53 00-0291 | EA | 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye | 868.57 | 157.29 |
| **22 66 53 00-0292** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0293 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 483.04 | 114.19 |
| 22 66 53 00-0294 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 572.05 | 128.31 |
| 22 66 53 00-0295 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 838.16 | 142.96 |
| 22 66 53 00-0296 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 1,183.24 | 171.19 |
| 22 66 53 00-0297 | EA | 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 520.31 | 120.93 |
| 22 66 53 00-0298 | EA | 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 693.72 | 128.10 |
| 22 66 53 00-0299 | EA | 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 731.48 | 135.16 |
| 22 66 53 00-0300 | EA | 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 780.30 | 149.59 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 66 53 00-0301 | EA | 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross | 1,007.85 | 156.64 |
| **22 66 53 00-0302** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0303 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend | 317.51 | 85.11 |
| 22 66 53 00-0304 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend | 370.28 | 96.23 |
| 22 66 53 00-0305 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend | 454.60 | 107.24 |
| 22 66 53 00-0306 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend | 780.08 | 128.42 |
| **22 66 53 00-0307** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0308 | EA | 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 351.38 | 92.71 |
| 22 66 53 00-0309 | EA | 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 394.16 | 100.08 |
| 22 66 53 00-0310 | EA | 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 431.16 | 103.72 |
| 22 66 53 00-0311 | EA | 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 596.40 | 114.42 |
| 22 66 53 00-0312 | EA | 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 610.79 | 117.94 |
| 22 66 53 00-0313 | EA | 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend | 687.93 | 121.14 |
| **22 66 53 00-0314** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0315 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend | 514.44 | 113.98 |
| 22 66 53 00-0316 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend | 653.32 | 128.21 |
| 22 66 53 00-0317 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend | 959.43 | 142.53 |
| 22 66 53 00-0318 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend | 1,152.15 | 171.51 |
| **22 66 53 00-0319** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0320 | EA | 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend | 560.99 | 120.93 |
| 22 66 53 00-0321 | EA | 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend | 680.14 | 127.99 |
| 22 66 53 00-0322 | EA | 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend | 708.88 | 135.16 |
| 22 66 53 00-0323 | EA | 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend | 789.34 | 149.59 |
| 22 66 53 00-0324 | EA | 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend | 1,007.85 | 156.64 |
| **22 66 53 00-0325** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0326 | EA | 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser | 240.00 | 60.62 |
| 22 66 53 00-0327 | EA | 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser | 272.47 | 64.16 |
| 22 66 53 00-0328 | EA | 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser | 320.15 | 74.85 |
| 22 66 53 00-0329 | EA | 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser | 386.86 | 71.11 |
| 22 66 53 00-0330 | EA | 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser | 410.27 | 74.63 |
| 22 66 53 00-0331 | EA | 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser | 433.68 | 78.16 |
| **22 66 53 00-0332** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0333 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee | 224.01 | 49.93 |
| 22 66 53 00-0334 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee | 260.94 | 56.45 |
| 22 66 53 00-0335 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee | 308.25 | 63.94 |
| 22 66 53 00-0336 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee | 577.79 | 77.84 |
| **22 66 53 00-0337** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0338 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug | 96.82 | 28.44 |
| 22 66 53 00-0339 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug | 115.42 | 31.75 |
| 22 66 53 00-0340 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug | 125.54 | 35.50 |
| 22 66 53 00-0341 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug | 163.11 | 42.45 |
| **22 66 53 00-0342** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0343 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap | 423.66 | 56.45 |
| 22 66 53 00-0344 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap | 434.25 | 63.51 |
| 22 66 53 00-0345 | EA | 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap | 540.38 | 71.00 |
| 22 66 53 00-0346 | EA | 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap | 692.37 | 84.90 |
| 22 66 53 00-0347 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap | 597.22 | 60.73 |
| 22 66 53 00-0348 | EA | 2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap | 829.42 | 67.79 |
| 22 66 53 00-0349 | EA | 3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap | 1,007.17 | 74.85 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 66 53 00-0350 | EA | 4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap | 1,254.63 | 89.17 |
| **22 66 53 00-0351** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0352 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap | 806.28 | 64.48 |
| 22 66 53 00-0353 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap | 1,286.68 | 71.32 |
| 22 66 53 00-0354 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap | 842.05 | 64.16 |
| 22 66 53 00-0355 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap | 1,286.68 | 71.32 |
| **22 66 53 00-0356** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0357 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap | 747.13 | 64.16 |
| 22 66 53 00-0358 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap | 879.87 | 71.32 |
| 22 66 53 00-0359 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap | 869.17 | 64.16 |
| 22 66 53 00-0360 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap | 1,942.10 | 71.32 |
| 22 66 53 00-0361 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap | 1,142.04 | 71.32 |
| **22 66 53 00-0362** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0363 | EA | 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend | 297.99 | 57.10 |
| 22 66 53 00-0364 | EA | 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend | 394.56 | 64.16 |
| **22 66 53 00-0365** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0366 | EA | 1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter | 145.52 | 42.77 |
| 22 66 53 00-0367 | EA | 1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter | 281.95 | 46.41 |
| 22 66 53 00-0368 | EA | 2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter | 197.72 | 53.46 |
| **22 66 53 00-0369** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0370 | EA | 1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter | 281.11 | 60.84 |
| 22 66 53 00-0371 | EA | 1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter | 308.63 | 64.16 |
| 22 66 53 00-0372 | EA | 1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter | 345.62 | 67.68 |
| 22 66 53 00-0373 | EA | 1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter | 369.59 | 74.63 |
| 22 66 53 00-0374 | EA | 2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter | 345.67 | 67.79 |
| 22 66 53 00-0375 | EA | 2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter | 364.52 | 71.32 |
| 22 66 53 00-0376 | EA | 2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter | 393.00 | 78.16 |
| 22 66 53 00-0377 | EA | 3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter | 451.28 | 74.85 |
| 22 66 53 00-0378 | EA | 4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter | 558.55 | 89.17 |
| **22 66 53 00-0379** | | **Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0380 | EA | 1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting | 108.48 | |
| 22 66 53 00-0381 | EA | 2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting | 126.56 | |
| 22 66 53 00-0382 | EA | 3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting | 135.60 | |
| 22 66 53 00-0383 | EA | 4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting | 149.16 | |
| **22 66 53 00-0384** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0385 | EA | Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet | 788.59 | 28.55 |
| 22 66 53 00-0386 | EA | Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper | 297.12 | 14.22 |
| 22 66 53 00-0387 | EA | Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow | 559.29 | 14.22 |
| **22 66 53 00-0388** | | **Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates** *(22 66 53 00-0229)* | | |
| 22 66 53 00-0389 | EA | Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer | 2,808.40 | 142.64 |
| 22 66 53 00-0390 | EA | Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer | 3,479.03 | 149.80 |
| 22 66 53 00-0391 | EA | Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain | 2,380.88 | 14.22 |
| **22 66 83** | | **Chemical-Waste Tanks** *(22 66)* | | |
| **22 66 83 16** | | **Chemical-Waste Neutralization Tanks** *(22 66 83)* | | |
| **22 66 83 16-0001** | | **Acid Neutralization Tank** *(22 66 83 16)* | | |
| **22 66 83 16-0002** | | **Polyethylene Acid Neutralization Tank** *(22 66 83 16-0001)* | | |
| 22 66 83 16-0003 | EA | 5 Gallon Capacity Polyethylene Acid Neutralization Tank | 486.26 | 217.72 |
| 22 66 83 16-0004 | EA | 15 Gallon Capacity Polyethylene Acid Neutralization Tank | 855.48 | 301.90 |
| 22 66 83 16-0005 | EA | 30 Gallon Capacity Polyethylene Acid Neutralization Tank | 1,080.28 | 435.43 |
| 22 66 83 16-0006 | EA | 55 Gallon Capacity Polyethylene Acid Neutralization Tank | 1,392.72 | 580.57 |
| 22 66 83 16-0007 | EA | 100 Gallon Capacity Polyethylene Acid Neutralization Tank | 1,774.83 | 696.69 |
| 22 66 83 16-0008 | EA | 150 Gallon Capacity Polyethylene Acid Neutralization Tank | 2,403.89 | 870.86 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 22 66 83 16-0009 | EA | 200 Gallon Capacity Polyethylene Acid Neutralization Tank | 2,798.69 | 1,088.58 |
| 22 66 83 16-0010 | EA | 275 Gallon Capacity Polyethylene Acid Neutralization Tank | 3,603.38 | 1,306.29 |
| 22 66 83 16-0011 | EA | 350 Gallon Capacity Polyethylene Acid Neutralization Tank | 4,115.03 | 1,567.55 |
| **22 66 83 16-0012** | | **Polypropylene Acid Neutralization Tank** *(22 66 83 16-0001)* | | |
| 22 66 83 16-0013 | EA | 5 Gallon Capacity Polypropylene Acid Neutralization Tank | 760.61 | 217.72 |
| 22 66 83 16-0014 | EA | 15 Gallon Capacity Polypropylene Acid Neutralization Tank | 1,289.87 | 301.90 |
| 22 66 83 16-0015 | EA | 30 Gallon Capacity Polypropylene Acid Neutralization Tank | 2,372.94 | 435.43 |
| 22 66 83 16-0016 | EA | 55 Gallon Capacity Polypropylene Acid Neutralization Tank | 3,127.71 | 580.57 |
| 22 66 83 16-0017 | EA | 100 Gallon Capacity Polypropylene Acid Neutralization Tank | 3,955.40 | 696.69 |
| 22 66 83 16-0018 | EA | 150 Gallon Capacity Polypropylene Acid Neutralization Tank | 3,883.42 | 870.86 |
| 22 66 83 16-0019 | EA | 200 Gallon Capacity Polypropylene Acid Neutralization Tank | 4,271.69 | 1,088.58 |
| 22 66 83 16-0020 | EA | 275 Gallon Capacity Polypropylene Acid Neutralization Tank | 6,175.42 | 1,306.29 |
| 22 66 83 16-0021 | EA | 350 Gallon Capacity Polypropylene Acid Neutralization Tank | 6,721.36 | 1,567.55 |
| **22 66 83 16-0022** | | **Chemical Dilution Trap** *(22 66 83 16)* | | |
| 22 66 83 16-0023 | EA | 1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap<br>Note: 1-1/2" top inlet and side outlet with anti siphon. | 469.65 | 72.58 |
| 22 66 83 16-0024 | EA | 1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap<br>Note: 1-1/2" top inlet and side outlet with anti siphon. | 484.42 | 72.58 |
| 22 66 83 16-0025 | EA | 2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap<br>Note: 1-1/2" top inlet and side outlet with anti siphon. | 499.19 | 72.58 |
| 22 66 83 16-0026 | EA | 5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap<br>Note: 1-1/2" top inlet and side outlet with anti siphon. | 547.77 | 87.08 |

**END OF SECTION 22**

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

## 23 01 Operation and Maintenance of HVAC Systems *(23)*

### 23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

#### 23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

##### 23 01 10 91-0001 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

| | | | |
|---|---|---|---|
| 23 01 10 91-0002 | EA | Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems | 536.36 |
| 23 01 10 91-0003 | EA | >100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems | 766.10 |
| 23 01 10 91-0004 | EA | >250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems | 804.54 |
| 23 01 10 91-0005 | EA | >500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems | 887.33 |
| 23 01 10 91-0006 | EA | >1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems | 1,607.07 |
| 23 01 10 91-0007 | EA | Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems | 720.99 |
| 23 01 10 91-0008 | EA | >100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems | 1,035.92 |
| 23 01 10 91-0009 | EA | >250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems | 1,096.60 |
| 23 01 10 91-0010 | EA | >500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems | 1,226.59 |
| 23 01 10 91-0011 | EA | >1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems | 2,229.73 |
| 23 01 10 91-0012 | EA | Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems | 854.03 |
| 23 01 10 91-0013 | EA | >100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems | 1,256.69 |
| 23 01 10 91-0014 | EA | >250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems | 2,896.25 |
| 23 01 10 91-0015 | EA | >500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems | 4,523.20 |
| 23 01 10 91-0016 | EA | >1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems | 8,500.03 |

### 23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

#### 23 01 20 91 HVAC Piping and Pumps Restoration *(23 01 20)*

##### 23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

| | | | |
|---|---|---|---|
| 23 01 20 91-0002 | EA | Up To 1", Lock Out/Tag Out Valve<br>Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s). | 29.03 |
| 23 01 20 91-0003 | EA | >1" To 3", Lock Out/Tag Out Valve<br>Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s). | 34.84 |
| 23 01 20 91-0004 | EA | >3" To 6", Lock Out/Tag Out Valve<br>Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s). | 40.65 |
| 23 01 20 91-0005 | EA | >6" To 10", Lock Out/Tag Out Valve<br>Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s). | 46.45 |
| 23 01 20 91-0006 | EA | >10" To 14", Lock Out/Tag Out Valve<br>Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s). | 58.06 |
| 23 01 20 91-0007 | EA | Lock Out/Tag Out Padlock System | 11.61 |
| 23 01 20 91-0008 | EA | Lock Out/Tag Out Tag | 3.41 |

##### 23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

| | | | |
|---|---|---|---|
| 23 01 20 91-0010 | EA | Up To 2" Freeze Pipe Using CO2 Kit | 423.41 |

##### 23 01 20 91-0011 Pipe Freezing *(23 01 20 91)*

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

| | | | |
|---|---|---|---|
| 23 01 20 91-0012 | EA | Up To 1" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 1,000.93 |
| 23 01 20 91-0013 | EA | Up To 1" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 534.10 |
| 23 01 20 91-0014 | EA | >1" To 1-1/2" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 1,209.99 |
| 23 01 20 91-0015 | EA | >1" To 1-1/2" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 616.17 |
| 23 01 20 91-0016 | EA | >1-1/2" To 2" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 1,661.18 |
| 23 01 20 91-0017 | EA | >1-1/2" To 2" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 698.50 |
| 23 01 20 91-0018 | EA | >2" To 3" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 1,894.44 |
| 23 01 20 91-0019 | EA | >2" To 3" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 821.70 |
| 23 01 20 91-0020 | EA | >3" To 4" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 2,767.50 |
| 23 01 20 91-0021 | EA | >3" To 4" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 948.57 |
| 23 01 20 91-0022 | EA | >4" To 6" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 5,678.41 |
| 23 01 20 91-0023 | EA | >4" To 6" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 1,244.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 01 20 91-0024 | EA | >6" To 8" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 7,554.27 | |
| 23 01 20 91-0025 | EA | >6" To 8" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 1,827.77 | |
| 23 01 20 91-0026 | EA | >8" To 10" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 10,417.27 | |
| 23 01 20 91-0027 | EA | >8" To 10" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 2,489.65 | |
| 23 01 20 91-0028 | EA | >10" To 12" Pipe Freezing, First Location<br>Note: Includes freezing on each side of valve or fitting. | 13,406.76 | |
| 23 01 20 91-0029 | EA | >10" To 12" Pipe Freezing, Each Additional Location After First<br>Note: Includes freezing on each side of valve or fitting. | 3,229.66 | |

## 23 01 20 91-0030 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

| | | | | |
|---|---|---|---|---|
| 23 01 20 91-0031 | LF | Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing | 1.94 | |
| | | *For >250 To 500, Deduct* | *-0.14* | |
| | | *For >500 To 2000, Deduct* | *-0.36* | |
| | | *For >2000, Deduct* | *-0.52* | |
| 23 01 20 91-0032 | LF | >1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing | 2.67 | |
| | | *For >250 To 500, Deduct* | *-0.19* | |
| | | *For >500 To 2000, Deduct* | *-0.48* | |
| | | *For >2000, Deduct* | *-0.70* | |
| 23 01 20 91-0033 | LF | >2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing | 4.13 | |
| | | *For >250 To 500, Deduct* | *-0.29* | |
| | | *For >500 To 2000, Deduct* | *-0.72* | |
| | | *For >2000, Deduct* | *-1.05* | |
| 23 01 20 91-0034 | LF | 4", Water/Chlorine Pipe Disinfection/Flush/Testing | 5.73 | |
| | | *For >250 To 500, Deduct* | *-0.39* | |
| | | *For >500 To 2000, Deduct* | *-0.97* | |
| | | *For >2000, Deduct* | *-1.40* | |
| 23 01 20 91-0035 | LF | 6", Water/Chlorine Pipe Disinfection/Flush/Testing | 7.08 | |
| | | *For >250 To 500, Deduct* | *-0.46* | |
| | | *For >500 To 2000, Deduct* | *-1.16* | |
| | | *For >2000, Deduct* | *-1.68* | |
| 23 01 20 91-0036 | LF | 8", Water/Chlorine Pipe Disinfection/Flush/Testing | 8.97 | |
| | | *For >250 To 500, Deduct* | *-0.58* | |
| | | *For >500 To 2000, Deduct* | *-1.45* | |
| | | *For >2000, Deduct* | *-2.11* | |
| 23 01 20 91-0037 | LF | 10", Water/Chlorine Pipe Disinfection/Flush/Testing | 11.78 | |
| | | *For >250 To 500, Deduct* | *-0.77* | |
| | | *For >500 To 2000, Deduct* | *-1.94* | |
| | | *For >2000, Deduct* | *-2.81* | |
| 23 01 20 91-0038 | LF | 12", Water/Chlorine Pipe Disinfection/Flush/Testing | 14.15 | |
| | | *For >250 To 500, Deduct* | *-0.93* | |
| | | *For >500 To 2000, Deduct* | *-2.32* | |
| | | *For >2000, Deduct* | *-3.37* | |

## 23 01 20 91-0039 Shut Down Existing Piping System *(23 01 20 91)*

| | | | |
|---|---|---|---|
| 23 01 20 91-0040 | EA | Shut Down Existing Interior Piping System<br>Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one. | 239.97 |

## 23 01 20 91-0041 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

| | | | |
|---|---|---|---|
| 23 01 20 91-0042 | EA | Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System | 183.54 |
| 23 01 20 91-0043 | EA | >50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System | 229.42 |
| 23 01 20 91-0044 | EA | >100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System | 327.45 |
| 23 01 20 91-0045 | EA | >250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System | 392.39 |
| 23 01 20 91-0046 | EA | >500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System | 414.82 |
| 23 01 20 91-0047 | EA | >1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System | 791.99 |
| 23 01 20 91-0048 | EA | Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System | 382.21 |
| 23 01 20 91-0049 | EA | >100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System | 545.87 |
| 23 01 20 91-0050 | EA | >250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System | 654.06 |
| 23 01 20 91-0051 | EA | >500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System | 691.43 |
| 23 01 20 91-0052 | EA | >1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System | 1,320.02 |
| 23 01 20 91-0053 | EA | Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Liquid System | 508.76 |
| 23 01 20 91-0054 | EA | >100 To 250', >1-1/2" To 4" Diameter Pipe, Purge Liquid System | 726.01 |
| 23 01 20 91-0055 | EA | >250 To 500', >1-1/2" To 4" Diameter Pipe, Purge Liquid System | 864.30 |
| 23 01 20 91-0056 | EA | >500 To 1,000', >1-1/2" To 4" Diameter Pipe, Purge Liquid System | 919.00 |
| 23 01 20 91-0057 | EA | >1,000 To 2,000', >1-1/2" To 4" Diameter Pipe, Purge Liquid System | 1,770.76 |
| 23 01 20 91-0058 | EA | Up To 100', >4" To 10" Diameter Pipe, Purge Liquid System | 627.22 |
| 23 01 20 91-0059 | EA | >100 To 250', >4" To 10" Diameter Pipe, Purge Liquid System | 896.31 |
| 23 01 20 91-0060 | EA | >250 To 500', >4" To 10" Diameter Pipe, Purge Liquid System | 2,467.31 |
| 23 01 20 91-0061 | EA | >1,000 To 2,000', >4" To 10" Diameter Pipe, Purge Liquid System | 3,915.51 |

## 23 01 20 91-0062 Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*

| | | | |
|---|---|---|---|
| 23 01 20 91-0063 | EA | 1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD) | 347.21 |
| 23 01 20 91-0064 | EA | 3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD) | 437.07 |
| 23 01 20 91-0065 | EA | 1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD) | 605.15 |
| 23 01 20 91-0066 | EA | 1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD) | 924.85 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 01 20 91-0067 | EA | 1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD) | 1,141.55 | |
| 23 01 20 91-0068 | EA | 2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD) | 1,722.59 | |

## 23 01 30 Operation and Maintenance of HVAC Air Distribution *(23 01)*

### 23 01 30 51 HVAC Air-Distribution System Cleaning *(23 01 30)*

#### 23 01 30 51-0001 Cleaning Of Ductwork And HVAC Equipment *(23 01 30 51)*

| | | | |
|---|---|---|---|
| 23 01 30 51-0002 | LF | Up To 2 SF Cross Section, Clean Supply/Return Ductwork<br>Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices. | 3.45 |
| | | *For Exhaust Ductwork, Add* | *0.86* |
| 23 01 30 51-0003 | LF | >2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork<br>Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices. | 4.31 |
| | | *For Exhaust Ductwork, Add* | *1.08* |
| 23 01 30 51-0004 | LF | >4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork<br>Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices. | 5.78 |
| | | *For Exhaust Ductwork, Add* | *1.45* |
| 23 01 30 51-0005 | LF | >8 SF Cross Section, Clean Supply/Return Ductwork<br>Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices. | 8.21 |
| | | *For Exhaust Ductwork, Add* | *2.05* |
| 23 01 30 51-0006 | SF | Clean Duct Dampers | 11.58 |
| 23 01 30 51-0007 | SF | Clean Duct Fire Dampers | 23.16 |
| 23 01 30 51-0008 | SF | Clean Louver | 9.27 |
| 23 01 30 51-0009 | EA | Clean Turning Vane Set | 27.80 |
| 23 01 30 51-0010 | EA | Clean Grille/Diffuser/Register<br>Note: Includes removal and reinstallation. | 27.80 |
| 23 01 30 51-0011 | LF | Clean Linear Diffuser<br>Note: Includes removal and reinstallation. | 6.95 |
| 23 01 30 51-0012 | EA | Cut Access For Cleaning Duct And Install Duct Insulated Access Doors | 89.71 |
| | | *For Stainless Steel, Add* | *54.60* |
| 23 01 30 51-0013 | EA | Clean Variable Air Volume (VAV) Unit | 83.38 |
| 23 01 30 51-0014 | EA | Clean Fan Powered Induction Unit (PIU) Unit | 111.17 |
| 23 01 30 51-0015 | EA | Clean Fan Coil Unit (FCU) | 111.17 |
| 23 01 30 51-0016 | EA | Clean Packaged Terminal Air Conditioning Unit | 111.17 |
| 23 01 30 51-0017 | EA | Clean Supply Or Return Fan | 222.34 |
| 23 01 30 51-0018 | EA | Clean Exhaust Fan | 194.56 |
| 23 01 30 51-0019 | EA | Clean Duct Coil | 166.76 |
| 23 01 30 51-0020 | SF | Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum<br>Note: Excluding fan and coils. | 5.56 |
| 23 01 30 51-0021 | EA | Clean Air Handling Unit Fan | 222.34 |
| 23 01 30 51-0022 | EA | Clean Air Handling Unit Coil | 333.53 |
| 23 01 30 51-0023 | SF | Clean Equipment Surfaces, Rust Reform And Prime | 3.03 |
| 23 01 30 51-0024 | SF | Clean Interior Equipment Surfaces, Rust Reform And Prime | 3.58 |
| 23 01 30 51-0025 | SF | High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms | 0.50 |
| 23 01 30 51-0026 | EA | Cleaning Of Ductwork Minimum Set-up Charge<br>Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 766.55 |
| 23 01 30 51-0027 | SF | Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning | 0.50 |

### 23 01 30 61 HVAC Air-Distribution Duct Repair *(23 01 30)*

#### 23 01 30 61-0001 Repair And Seal Ductwork *(23 01 30 61)*

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

| | | | |
|---|---|---|---|
| 23 01 30 61-0002 | SF | Repair And Sealing Of Ductwork<br>Note: Clean, apply sealant and tape | 2.05 |

## 23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

### 23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

#### 23 01 50 61-0001 Boiler Repairs *(23 01 50 61)*

#### 23 01 50 61-0002 Setup And Maintenance *(23 01 50 61-0001)*

| | | | |
|---|---|---|---|
| 23 01 50 61-0003 | EA | Set-up Charge For Boiler Fire Side Maintenance<br>Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside. | 2,437.54 |
| 23 01 50 61-0004 | EA | Close-up Charge For Boiler Fire Side Maintenance<br>Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals. | 2,643.97 |
| | | *For Burner Seals, Add*<br>*Note: Used when burner must be removed from door for maintenance.* | *643.75* |
| 23 01 50 61-0005 | EA | Setup Charge For Boiler Water Side Maintenance<br>Note: Includes closing valves, draining, and positioning equipment needed for tube replacement. | 3,250.06 |
| 23 01 50 61-0006 | EA | Up To 100 HP, Hydrostatic Test - Boiler Maintenance<br>Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test. | 1,625.03 |
| 23 01 50 61-0007 | EA | >100 HP, Hydrostatic Test - Boiler Maintenance<br>Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test. | 3,250.06 |
| 23 01 50 61-0008 | EA | Removal And Replacement Of Handhole | 101.56 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 01 50 61-0009 | EA | Removal And Replacement Of Manhole | 304.69 | |
| 23 01 50 61-0010 | SF | Sheet Metal Jacket Patch | 11.43 | |
| **23 01 50 61-0011** | | **Boiler Tube Replacement** *(23 01 50 61-0001)* | | |
| 23 01 50 61-0012 | EA | Removal Of Up To 2" Boiler Tube | 243.75 | |
| 23 01 50 61-0013 | EA | Removal Of >2" To 3" Boiler Tube | 304.70 | |
| 23 01 50 61-0014 | EA | Removal Of >3" To 4" Boiler Tube | 426.56 | |
| 23 01 50 61-0015 | LF | Place 1-1/2" Boiler Tube Into Position For Termination<br>Note: Includes black steel tube, fasteners and accessories. | 9.12 | |
| 23 01 50 61-0016 | LF | Place 2" Boiler Tube Into Position For Termination<br>Note: Includes black steel tube, fasteners and accessories. | 10.62 | |
| 23 01 50 61-0017 | LF | Place 2-1/2" Boiler Tube Into Position For Termination<br>Note: Includes black steel tube, fasteners and accessories. | 12.13 | |
| 23 01 50 61-0018 | LF | Place 3" Boiler Tube Into Position For Termination<br>Note: Includes black steel tube, fasteners and accessories. | 17.44 | |
| 23 01 50 61-0019 | LF | Place 3-1/2" Boiler Tube Into Position For Termination<br>Note: Includes black steel tube, fasteners and accessories. | 20.43 | |
| 23 01 50 61-0020 | LF | Place 4" Boiler Tube Into Position For Termination<br>Note: Includes black steel tube, fasteners and accessories. | 26.15 | |
| 23 01 50 61-0021 | EA | 1-1/2" Rolled Boiler Tube Termination (2 Per New Tube) | 30.47 | |
| 23 01 50 61-0022 | EA | 2" Rolled Boiler Tube Termination (2 Per New Tube) | 45.71 | |
| 23 01 50 61-0023 | EA | 2-1/2" Rolled Boiler Tube Termination (2 Per New Tube) | 60.94 | |
| 23 01 50 61-0024 | EA | 3" Rolled Boiler Tube Termination (2 Per New Tube) | 76.18 | |
| 23 01 50 61-0025 | EA | 3-1/2" Rolled Boiler Tube Termination (2 Per New Tube) | 91.41 | |
| 23 01 50 61-0026 | EA | 4" Rolled Boiler Tube Termination (2 Per New Tube) | 106.65 | |
| 23 01 50 61-0027 | EA | 1-1/2" Welded Boiler Tube Termination (2 Per New Tube) | 91.41 | |
| 23 01 50 61-0028 | EA | 2" Welded Boiler Tube Termination (2 Per New Tube) | 121.88 | |
| 23 01 50 61-0029 | EA | 2-1/2" Welded Boiler Tube Termination (2 Per New Tube) | 152.34 | |
| 23 01 50 61-0030 | EA | 3" Welded Boiler Tube Termination (2 Per New Tube) | 182.81 | |
| 23 01 50 61-0031 | EA | 3-1/2" Welded Boiler Tube Termination (2 Per New Tube) | 213.28 | |
| 23 01 50 61-0032 | EA | 4" Welded Boiler Tube Termination (2 Per New Tube) | 243.75 | |
| 23 01 50 61-0033 | EA | Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced | 349.45 | |
| **23 01 50 61-0034** | | **Cast Iron Boiler Section Replacement** *(23 01 50 61-0001)* | | |
| 23 01 50 61-0035 | EA | Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler | 2,689.33 | |
| 23 01 50 61-0036 | EA | Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler | 1,848.05 | |
| 23 01 50 61-0037 | EA | Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler | 2,326.90 | |
| 23 01 50 61-0038 | EA | Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler | 4,945.85 | |
| 23 01 50 61-0039 | EA | Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler | 3,642.23 | |
| 23 01 50 61-0040 | EA | Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler | 4,252.61 | |
| 23 01 50 61-0041 | EA | Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler | 8,015.85 | |
| 23 01 50 61-0042 | EA | Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler | 6,229.59 | |
| 23 01 50 61-0043 | EA | Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler | 6,698.70 | |
| **23 01 50 61-0044** | | **Cast Iron Grate Replacement** *(23 01 50 61-0001)* | | |
| 23 01 50 61-0045 | SF | Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold<br>Note: Includes support, linkages and removal of existing. | 131.69 | |
| 23 01 50 61-0046 | EA | Prepare Cast Iron Boiler Grate Mold<br>Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings. | 1,890.49 | |
| **23 01 50 61-0047** | | **Replacement Or Conversion Of Boiler Burners** *(23 01 50 61-0001)*<br>Note: Includes mounting plate, mechanical and electrical labor for installation of burners. | | |
| 23 01 50 61-0048 | EA | 700 MBH Max Input Burner With 2" Boiler Connection, Screwed | 9,527.88 | 1,139.78 |
| 23 01 50 61-0049 | EA | 2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed | 13,724.15 | 1,411.13 |
| 23 01 50 61-0050 | EA | 2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed | 16,215.07 | 1,709.54 |
| 23 01 50 61-0051 | EA | 3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged | 19,109.57 | 1,839.90 |
| **23 01 50 61-0052** | | **Boiler And Chiller Water Treatment** *(23 01 50 61)*<br>Note: 3 LB chemical per 50 gallon system water. | | |
| 23 01 50 61-0053 | LB | Boil Out Boiler And System With Caustic Soda<br>Note: Includes disposal after treatment. | 1.47 | |
| 23 01 50 61-0054 | LB | Boil Out Boiler And System With Trisodium Phosphate<br>Note: Includes disposal after treatment. | 2.21 | |
| 23 01 50 61-0055 | GAL | Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required | 138.19 | |

## 23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

### 23 01 60 71 Refrigerant Recovery/Recycling *(23 01 60)*

| | | | | |
|---|---|---|---|---|
| **23 01 60 71-0001** | | **Refrigerant Recovery, Reclaim And Recycling** *(23 01 60 71)* | | |
| 23 01 60 71-0002 | LB | Recovery Of Refrigerant | 9.10 | |
| 23 01 60 71-0003 | LB | Recovery And Recharging Of Refrigerant<br>Note: Includes cleaning refrigerant gas prior to recharging. | 17.06 | |

## 23 05 Common Work Results for HVAC *(23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 23 05 13 Common Motor Requirements for HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

### 23 05 13 00-0001 Premium Efficient, Motors *(23 05 13)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.

### 23 05 13 00-0002 Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, open drip proof, three phase AC motors.

### 23 05 13 00-0003 Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*

| | | | |
|---|---|---|---|
| 23 05 13 00-0004 | EA | 1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 672.37 |
| 23 05 13 00-0005 | EA | 1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 761.34 |
| 23 05 13 00-0006 | EA | 1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 892.60 |
| 23 05 13 00-0007 | EA | 1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 749.67 |
| 23 05 13 00-0008 | EA | 1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 796.34 |
| 23 05 13 00-0009 | EA | 1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,044.29 |
| 23 05 13 00-0010 | EA | 2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 880.93 |
| 23 05 13 00-0011 | EA | 2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 853.22 |
| 23 05 13 00-0012 | EA | 2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,067.62 |
| 23 05 13 00-0013 | EA | 3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 892.60 |
| 23 05 13 00-0014 | EA | 3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 920.31 |
| 23 05 13 00-0015 | EA | 3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,359.32 |
| 23 05 13 00-0016 | EA | 5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 974.28 |
| 23 05 13 00-0017 | EA | 5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,007.82 |
| 23 05 13 00-0018 | EA | 5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,780.83 |
| 23 05 13 00-0019 | EA | 7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,546.01 |
| 23 05 13 00-0020 | EA | 7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,481.84 |
| 23 05 13 00-0021 | EA | 7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 2,135.24 |
| 23 05 13 00-0022 | EA | 10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,767.70 |
| 23 05 13 00-0023 | EA | 10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 1,793.96 |
| 23 05 13 00-0024 | EA | 10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 2,778.44 |
| 23 05 13 00-0025 | EA | 15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 2,511.54 |
| 23 05 13 00-0026 | EA | 15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 2,540.71 |
| 23 05 13 00-0027 | EA | 15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 3,746.89 |
| 23 05 13 00-0028 | EA | 20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 2,950.55 |
| 23 05 13 00-0029 | EA | 20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 3,189.74 |
| 23 05 13 00-0030 | EA | 20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 4,560.73 |
| 23 05 13 00-0031 | EA | 25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 3,542.70 |
| 23 05 13 00-0032 | EA | 25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 3,888.36 |
| 23 05 13 00-0033 | EA | 25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 5,508.75 |
| 23 05 13 00-0034 | EA | 30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 4,180.06 |
| 23 05 13 00-0035 | EA | 30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 4,251.53 |
| 23 05 13 00-0036 | EA | 30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 5,746.49 |
| 23 05 13 00-0037 | EA | 40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 5,386.24 |
| 23 05 13 00-0038 | EA | 40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 5,546.68 |
| 23 05 13 00-0039 | EA | 50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 5,866.09 |
| 23 05 13 00-0040 | EA | 50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 6,121.32 |
| 23 05 13 00-0041 | EA | 60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 7,422.31 |
| 23 05 13 00-0042 | EA | 60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 7,706.71 |
| 23 05 13 00-0043 | EA | 75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 9,736.95 |
| 23 05 13 00-0044 | EA | 75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 9,459.83 |
| 23 05 13 00-0045 | EA | 100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 10,407.86 |
| 23 05 13 00-0046 | EA | 100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 11,005.84 |
| 23 05 13 00-0047 | EA | 125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 13,062.33 |
| 23 05 13 00-0048 | EA | 125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 13,501.33 |
| 23 05 13 00-0049 | EA | 150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor | 16,113.51 |

### 23 05 13 00-0050 Cast Iron Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*

| | | | |
|---|---|---|---|
| 23 05 13 00-0051 | EA | 40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 8,186.56 |
| 23 05 13 00-0052 | EA | 50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 9,910.51 |
| 23 05 13 00-0053 | EA | 60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 12,582.48 |
| 23 05 13 00-0054 | EA | 75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 14,008.89 |
| 23 05 13 00-0055 | EA | 100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 15,419.26 |
| 23 05 13 00-0056 | EA | 125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 16,651.69 |
| 23 05 13 00-0057 | EA | 150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 14,997.76 |
| 23 05 13 00-0058 | EA | 150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 19,610.99 |
| 23 05 13 00-0059 | EA | 200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 18,260.42 |
| 23 05 13 00-0060 | EA | 200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 18,741.72 |
| 23 05 13 00-0061 | EA | 200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor | 25,778.99 |

### 23 05 13 00-0062 Premium Efficient, TEFC Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.

### 23 05 13 00-0063 Steel Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*

| | | | |
|---|---|---|---|
| 23 05 13 00-0064 | EA | 1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor | 786.13 |
| 23 05 13 00-0065 | EA | 1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor | 866.35 |
| 23 05 13 00-0066 | EA | 1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,031.16 |
| 23 05 13 00-0067 | EA | 1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor | 891.14 |
| 23 05 13 00-0068 | EA | 1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor | 899.89 |
| 23 05 13 00-0069 | EA | 2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor | 975.74 |
| 23 05 13 00-0070 | EA | 2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor | 933.44 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 13 00-0071 | EA | 3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,082.21 | |
| 23 05 13 00-0072 | EA | 3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,031.16 | |
| 23 05 13 00-0073 | EA | 3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,655.40 | |
| 23 05 13 00-0074 | EA | 5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,200.35 | |
| 23 05 13 00-0075 | EA | 5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,128.88 | |
| 23 05 13 00-0076 | EA | 5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,869.80 | |
| 23 05 13 00-0077 | EA | 7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,798.33 | |
| 23 05 13 00-0078 | EA | 7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,627.69 | |
| 23 05 13 00-0079 | EA | 10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,823.12 | |
| 23 05 13 00-0080 | EA | 10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor | 1,837.71 | |

## 23 05 13 00-0081 Cast Iron Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*

| | | | | |
|---|---|---|---|---|
| 23 05 13 00-0082 | EA | 1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,121.59 | |
| 23 05 13 00-0083 | EA | 1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,255.77 | |
| 23 05 13 00-0084 | EA | 1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,184.30 | |
| 23 05 13 00-0085 | EA | 1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,162.42 | |
| 23 05 13 00-0086 | EA | 1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,494.96 | |
| 23 05 13 00-0087 | EA | 2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,245.56 | |
| 23 05 13 00-0088 | EA | 2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,217.85 | |
| 23 05 13 00-0089 | EA | 2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,518.30 | |
| 23 05 13 00-0090 | EA | 3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,344.74 | |
| 23 05 13 00-0091 | EA | 3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,382.66 | |
| 23 05 13 00-0092 | EA | 3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,891.67 | |
| 23 05 13 00-0093 | EA | 5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,655.40 | |
| 23 05 13 00-0094 | EA | 5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,384.12 | |
| 23 05 13 00-0095 | EA | 5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 2,195.04 | |
| 23 05 13 00-0096 | EA | 7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,916.47 | |
| 23 05 13 00-0097 | EA | 7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 1,846.46 | |
| 23 05 13 00-0098 | EA | 7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 3,129.94 | |
| 23 05 13 00-0099 | EA | 10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 2,246.09 | |
| 23 05 13 00-0100 | EA | 10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 2,071.07 | |
| 23 05 13 00-0101 | EA | 10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 3,573.32 | |
| 23 05 13 00-0102 | EA | 15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 3,094.94 | |
| 23 05 13 00-0103 | EA | 15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 2,832.41 | |
| 23 05 13 00-0104 | EA | 15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 4,766.38 | |
| 23 05 13 00-0105 | EA | 20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 3,396.85 | |
| 23 05 13 00-0106 | EA | 20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 3,434.77 | |
| 23 05 13 00-0107 | EA | 20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 6,345.93 | |
| 23 05 13 00-0108 | EA | 25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 4,432.38 | |
| 23 05 13 00-0109 | EA | 25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 4,492.18 | |
| 23 05 13 00-0110 | EA | 25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 7,180.20 | |
| 23 05 13 00-0111 | EA | 30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 5,266.64 | |
| 23 05 13 00-0112 | EA | 30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 5,329.36 | |
| 23 05 13 00-0113 | EA | 30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 8,294.49 | |
| 23 05 13 00-0114 | EA | 40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 7,219.58 | |
| 23 05 13 00-0115 | EA | 40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 6,968.71 | |
| 23 05 13 00-0116 | EA | 40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 10,336.39 | |
| 23 05 13 00-0117 | EA | 50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 7,897.78 | |
| 23 05 13 00-0118 | EA | 50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 7,616.29 | |
| 23 05 13 00-0119 | EA | 50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 12,490.59 | |
| 23 05 13 00-0120 | EA | 60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 11,094.81 | |
| 23 05 13 00-0121 | EA | 60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 10,959.17 | |
| 23 05 13 00-0122 | EA | 60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 15,161.11 | |
| 23 05 13 00-0123 | EA | 75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 12,907.72 | |
| 23 05 13 00-0124 | EA | 75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 12,814.38 | |
| 23 05 13 00-0125 | EA | 75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 17,655.14 | |
| 23 05 13 00-0126 | EA | 100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 15,913.69 | |
| 23 05 13 00-0127 | EA | 125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 19,701.42 | |
| 23 05 13 00-0128 | EA | 150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 22,662.17 | |
| 23 05 13 00-0129 | EA | 200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor | 28,481.59 | |

## 23 05 13 00-0130 Premium Efficient, Severe Duty Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

| | | | | |
|---|---|---|---|---|
| 23 05 13 00-0131 | EA | 1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,165.34 | |
| 23 05 13 00-0132 | EA | 1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,280.56 | |
| 23 05 13 00-0133 | EA | 1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,414.74 | |
| 23 05 13 00-0134 | EA | 1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,987.94 | |
| 23 05 13 00-0135 | EA | 1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,325.78 | |
| 23 05 13 00-0136 | EA | 1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,305.36 | |
| 23 05 13 00-0137 | EA | 1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,655.40 | |
| 23 05 13 00-0138 | EA | 1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 2,473.62 | |
| 23 05 13 00-0139 | EA | 2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,387.03 | |
| 23 05 13 00-0140 | EA | 2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,362.24 | |
| 23 05 13 00-0141 | EA | 2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,677.28 | |
| 23 05 13 00-0142 | EA | 2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 3,119.73 | |
| 23 05 13 00-0143 | EA | 3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,640.81 | |
| 23 05 13 00-0144 | EA | 3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,723.95 | |
| 23 05 13 00-0145 | EA | 3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 2,421.11 | |
| 23 05 13 00-0146 | EA | 3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 3,383.72 | |
| 23 05 13 00-0147 | EA | 5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 2,018.56 | |
| 23 05 13 00-0148 | EA | 5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 1,754.58 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 13 00-0149 | EA | 5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 2,453.20 | |
| 23 05 13 00-0150 | EA | 5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 5,386.24 | |
| 23 05 13 00-0151 | EA | 7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 2,634.05 | |
| 23 05 13 00-0152 | EA | 7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 2,209.63 | |
| 23 05 13 00-0153 | EA | 7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 3,510.61 | |
| 23 05 13 00-0154 | EA | 7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 6,159.25 | |
| 23 05 13 00-0155 | EA | 10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 2,804.70 | |
| 23 05 13 00-0156 | EA | 10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 2,645.72 | |
| 23 05 13 00-0157 | EA | 10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 4,560.73 | |
| 23 05 13 00-0158 | EA | 10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 7,184.57 | |
| 23 05 13 00-0159 | EA | 15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 3,587.91 | |
| 23 05 13 00-0160 | EA | 15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 3,370.59 | |
| 23 05 13 00-0161 | EA | 15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 5,228.72 | |
| 23 05 13 00-0162 | EA | 15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 9,591.10 | |
| 23 05 13 00-0163 | EA | 20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 4,185.90 | |
| 23 05 13 00-0164 | EA | 20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 3,615.62 | |
| 23 05 13 00-0165 | EA | 20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 7,104.35 | |
| 23 05 13 00-0166 | EA | 20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 10,934.37 | |
| 23 05 13 00-0167 | EA | 25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 5,030.37 | |
| 23 05 13 00-0168 | EA | 25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 4,731.37 | |
| 23 05 13 00-0169 | EA | 25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 7,423.76 | |
| 23 05 13 00-0170 | EA | 30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 6,132.99 | |
| 23 05 13 00-0171 | EA | 30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 5,618.14 | |
| 23 05 13 00-0172 | EA | 30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 9,570.68 | |
| 23 05 13 00-0173 | EA | 40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 8,425.75 | |
| 23 05 13 00-0174 | EA | 40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 7,350.84 | |
| 23 05 13 00-0175 | EA | 40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 11,929.07 | |
| 23 05 13 00-0176 | EA | 50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 8,829.76 | |
| 23 05 13 00-0177 | EA | 50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 8,628.49 | |
| 23 05 13 00-0178 | EA | 50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 12,706.45 | |
| 23 05 13 00-0179 | EA | 60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 12,814.38 | |
| 23 05 13 00-0180 | EA | 60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 11,564.45 | |
| 23 05 13 00-0181 | EA | 60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 17,356.15 | |
| 23 05 13 00-0182 | EA | 75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 14,325.39 | |
| 23 05 13 00-0183 | EA | 75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 13,513.00 | |
| 23 05 13 00-0184 | EA | 75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 21,123.46 | |
| 23 05 13 00-0185 | EA | 100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 18,006.64 | |
| 23 05 13 00-0186 | EA | 100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 17,738.28 | |
| 23 05 13 00-0187 | EA | 100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 23,233.90 | |
| 23 05 13 00-0188 | EA | 125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 21,158.46 | |
| 23 05 13 00-0189 | EA | 125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 20,970.31 | |
| 23 05 13 00-0190 | EA | 125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 26,247.17 | |
| 23 05 13 00-0191 | EA | 150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 24,804.71 | |
| 23 05 13 00-0192 | EA | 150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 24,566.97 | |
| 23 05 13 00-0193 | EA | 150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 29,592.96 | |
| 23 05 13 00-0194 | EA | 200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 29,372.73 | |
| 23 05 13 00-0195 | EA | 200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 29,553.59 | |
| 23 05 13 00-0196 | EA | 200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor | 38,764.01 | |

### 23 05 13 00-0197 Premium Efficient, Explosion Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

| | | | | |
|---|---|---|---|---|
| 23 05 13 00-0198 | EA | 1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 1,554.76 | |
| 23 05 13 00-0199 | EA | 1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 1,610.18 | |
| 23 05 13 00-0200 | EA | 2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 1,756.03 | |
| 23 05 13 00-0201 | EA | 3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 2,170.25 | |
| 23 05 13 00-0202 | EA | 5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 2,406.52 | |
| 23 05 13 00-0203 | EA | 7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 3,316.63 | |
| 23 05 13 00-0204 | EA | 10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 3,385.18 | |
| 23 05 13 00-0205 | EA | 15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 4,582.61 | |
| 23 05 13 00-0206 | EA | 20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 5,224.35 | |
| 23 05 13 00-0207 | EA | 25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 6,863.70 | |
| 23 05 13 00-0208 | EA | 30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 7,703.80 | |
| 23 05 13 00-0209 | EA | 40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 10,073.86 | |
| 23 05 13 00-0210 | EA | 50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 11,345.67 | |
| 23 05 13 00-0211 | EA | 60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 15,871.40 | |
| 23 05 13 00-0212 | EA | 75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 18,632.34 | |
| 23 05 13 00-0213 | EA | 100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 22,697.18 | |
| 23 05 13 00-0214 | EA | 125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 29,665.89 | |
| 23 05 13 00-0215 | EA | 150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor | 33,848.87 | |

### 23 05 13 00-0216 Motor Mounting *(23 05 13)*

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

| | | | | |
|---|---|---|---|---|
| 23 05 13 00-0217 | EA | 1/2 HP Motor Mounting | 172.94 | 87.99 |
| 23 05 13 00-0218 | EA | 3/4 HP Motor Mounting | 199.27 | 109.99 |
| 23 05 13 00-0219 | EA | 1 HP Motor Mounting | 213.17 | 109.99 |
| 23 05 13 00-0220 | EA | 1-1/2 HP Motor Mounting | 229.15 | 109.99 |
| 23 05 13 00-0221 | EA | 2 HP Motor Mounting | 247.73 | 131.99 |
| 23 05 13 00-0222 | EA | 3 HP Motor Mounting | 286.44 | 131.99 |
| 23 05 13 00-0223 | EA | 5 HP Motor Mounting | 339.49 | 219.99 |
| 23 05 13 00-0224 | EA | 7-1/2 HP Motor Mounting | 436.48 | 219.99 |
| 23 05 13 00-0225 | EA | 10 HP Motor Mounting | 572.88 | 384.98 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 13 00-0226 | EA | 15 HP Motor Mounting | 705.08 | 384.98 |
| 23 05 13 00-0227 | EA | 20 HP Motor Mounting | 833.28 | 549.96 |
| 23 05 13 00-0228 | EA | 25 HP Motor Mounting | 944.95 | 549.96 |
| 23 05 13 00-0229 | EA | 30 HP Motor Mounting | 1,145.76 | 549.96 |
| 23 05 13 00-0230 | EA | 40 HP Motor Mounting | 1,290.99 | 824.95 |
| 23 05 13 00-0231 | EA | 50 HP Motor Mounting | 1,432.20 | 824.95 |
| 23 05 13 00-0232 | EA | 75 HP Motor Mounting | 1,729.44 | 1,209.92 |
| 23 05 13 00-0233 | EA | 100 HP Motor Mounting | 2,083.19 | 1,209.92 |
| 23 05 13 00-0234 | EA | 125 HP Motor Mounting | 2,546.13 | 1,649.89 |
| 23 05 13 00-0235 | EA | 150 HP Motor Mounting | 2,956.79 | 1,649.89 |
| 23 05 13 00-0236 | EA | 200 HP Motor Mounting | 3,394.84 | 1,979.87 |

## 23 05 16 Expansion Fittings and Loops for HVAC Piping *(23 05)*

### 23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints *(23 05 16)*

Note: Includes internal sleeves and external covers.

### 23 05 16 00-0002 Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

| | | | | |
|---|---|---|---|---|
| 23 05 16 00-0003 | EA | 1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint | 212.29 | 93.63 |
| | | *For 300 LB Rating, Add* | *6.24* | |
| 23 05 16 00-0004 | EA | 3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint | 238.37 | 105.59 |
| | | *For 300 LB Rating, Add* | *6.83* | |
| 23 05 16 00-0005 | EA | 1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint | 277.63 | 121.04 |
| | | *For 300 LB Rating, Add* | *8.91* | |
| 23 05 16 00-0006 | EA | 1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint | 312.64 | 135.10 |
| | | *For 300 LB Rating, Add* | *10.69* | |
| 23 05 16 00-0007 | EA | 1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint | 337.88 | 145.20 |
| | | *For 300 LB Rating, Add* | *11.87* | |
| 23 05 16 00-0008 | EA | 2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint | 391.50 | 170.87 |
| | | *For 300 LB Rating, Add* | *12.46* | |

### 23 05 16 00-0009 Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

| | | | | |
|---|---|---|---|---|
| 23 05 16 00-0010 | EA | 1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 687.79 | 93.61 |
| | | *For 300 LB Rating, Add* | *142.88* | |
| 23 05 16 00-0011 | EA | 1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 749.63 | 112.33 |
| | | *For 300 LB Rating, Add* | *152.22* | |
| 23 05 16 00-0012 | EA | 2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 787.29 | 142.61 |
| | | *For 300 LB Rating, Add* | *152.25* | |
| 23 05 16 00-0013 | EA | 2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 848.61 | 155.13 |
| | | *For 300 LB Rating, Add* | *163.53* | |
| 23 05 16 00-0014 | EA | 3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 934.44 | 181.88 |
| | | *For 300 LB Rating, Add* | *176.71* | |
| 23 05 16 00-0015 | EA | 4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 1,144.51 | 304.90 |
| | | *For 300 LB Rating, Add* | *190.61* | |
| 23 05 16 00-0016 | EA | 5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 1,552.95 | 333.47 |
| | | *For 300 LB Rating, Add* | *284.19* | |
| 23 05 16 00-0017 | EA | 6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 1,438.35 | 370.52 |
| | | *For 300 LB Rating, Add* | *243.39* | |
| 23 05 16 00-0018 | EA | 8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 1,850.02 | 473.44 |
| | | *For 300 LB Rating, Add* | *315.47* | |
| 23 05 16 00-0019 | EA | 10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 2,352.77 | 576.36 |
| | | *For 300 LB Rating, Add* | *408.08* | |
| 23 05 16 00-0020 | EA | 12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 3,088.41 | 436.59 |
| | | *For 300 LB Rating, Add* | *553.52* | |
| 23 05 16 00-0021 | EA | 14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 3,930.69 | 823.38 |
| | | *For 300 LB Rating, Add* | *725.37* | |
| 23 05 16 00-0022 | EA | 16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint | 5,076.32 | 905.71 |
| | | *For 300 LB Rating, Add* | *986.05* | |

### 23 05 16 00-0023 Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

| | | | | |
|---|---|---|---|---|
| 23 05 16 00-0024 | EA | 1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 715.70 | 128.38 |
| | | *For 300 LB Rating, Add* | *114.76* | |
| 23 05 16 00-0025 | EA | 1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 747.96 | 129.45 |
| | | *For 300 LB Rating, Add* | *122.26* | |
| 23 05 16 00-0026 | EA | 2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 756.85 | 133.73 |
| | | *For 300 LB Rating, Add* | *122.28* | |
| 23 05 16 00-0027 | EA | 2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 817.35 | 145.82 |
| | | *For 300 LB Rating, Add* | *131.34* | |
| 23 05 16 00-0028 | EA | 3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 912.21 | 171.49 |
| | | *For 300 LB Rating, Add* | *142.22* | |
| 23 05 16 00-0029 | EA | 4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 1,294.66 | 341.49 |
| | | *For 300 LB Rating, Add* | *153.09* | |
| 23 05 16 00-0030 | EA | 5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 1,608.45 | 348.60 |
| | | *For 300 LB Rating, Add* | *228.26* | |
| 23 05 16 00-0031 | EA | 6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 1,553.30 | 385.96 |
| | | *For 300 LB Rating, Add* | *195.49* | |
| 23 05 16 00-0032 | EA | 8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 1,894.29 | 441.02 |
| | | *For 300 LB Rating, Add* | *253.39* | |
| 23 05 16 00-0033 | EA | 10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 2,389.59 | 540.34 |
| | | *For 300 LB Rating, Add* | *327.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 16 00-0034 | EA | 12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 3,088.24 | 654.99 |
| | | *For 300 LB Rating, Add* | *444.58* | |
| 23 05 16 00-0035 | EA | 14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 3,754.84 | 666.94 |
| | | *For 300 LB Rating, Add* | *605.17* | |
| 23 05 16 00-0036 | EA | 16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint | 4,958.32 | 833.67 |
| | | *For 300 LB Rating, Add* | *822.65* | |

## 23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

### 23 05 17 00-0001 Wall Seals And Sleeves *(23 05 17)*

Note: Up to 12" walls. Excludes drilling hole.

### 23 05 17 00-0002 Ductile Iron Wall Sleeve *(23 05 17 00-0001)*

Note: Includes rubber gasket seal.

| | | | | |
|---|---|---|---|---|
| 23 05 17 00-0003 | EA | 3" Ductile Iron Wall Sleeve With Rubber Gasket Seal | 118.89 | 50.89 |
| 23 05 17 00-0004 | EA | 4" Ductile Iron Wall Sleeve With Rubber Gasket Seal | 144.77 | 59.45 |
| 23 05 17 00-0005 | EA | 6" Ductile Iron Wall Sleeve With Rubber Gasket Seal | 176.23 | 71.32 |
| 23 05 17 00-0006 | EA | 8" Ductile Iron Wall Sleeve With Rubber Gasket Seal | 253.46 | 106.92 |
| 23 05 17 00-0007 | EA | 10" Ductile Iron Wall Sleeve With Rubber Gasket Seal | 328.82 | 142.53 |
| 23 05 17 00-0008 | EA | 12" Ductile Iron Wall Sleeve With Rubber Gasket Seal | 406.76 | 178.24 |

### 23 05 17 00-0009 Steel Pipe Sleeves *(23 05 17 00-0001)*

Note: Includes link seals 12" length.

| | | | | |
|---|---|---|---|---|
| 23 05 17 00-0010 | EA | 2" Steel Pipe Sleeve With Link Seals | 142.00 | 52.87 |
| 23 05 17 00-0011 | EA | 2-1/2" Steel Pipe Sleeve With Link Seals | 173.99 | 57.32 |
| 23 05 17 00-0012 | EA | 3" Steel Pipe Sleeve With Link Seals | 204.64 | 61.76 |
| 23 05 17 00-0013 | EA | 4" Steel Pipe Sleeve With Link Seals | 251.93 | 74.09 |
| 23 05 17 00-0014 | EA | 6" Steel Pipe Sleeve With Link Seals | 362.07 | 92.53 |
| 23 05 17 00-0015 | EA | 10" Steel Pipe Sleeve With Link Seals | 676.37 | 111.08 |
| 23 05 17 00-0016 | EA | 13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals | 797.83 | 138.85 |
| 23 05 17 00-0017 | EA | 17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals | 1,063.82 | 170.84 |
| 23 05 17 00-0018 | EA | 23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals | 1,456.73 | 222.16 |
| 23 05 17 00-0019 | EA | 29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals | 1,575.73 | 277.70 |

## 23 05 19 Meters and Gages for HVAC Piping *(23 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

### 23 05 19 00-0001 Thermometers *(23 05 19)*

### 23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

| | | | | |
|---|---|---|---|---|
| 23 05 19 00-0003 | EA | 2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer | 111.00 | 37.17 |
| 23 05 19 00-0004 | EA | 2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer | 129.36 | 37.17 |
| 23 05 19 00-0005 | EA | 3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer | 129.36 | 37.17 |

### 23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

| | | | | |
|---|---|---|---|---|
| 23 05 19 00-0007 | EA | 7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer | 147.72 | 37.17 |
| 23 05 19 00-0008 | EA | 9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer | 147.72 | 37.17 |
| 23 05 19 00-0009 | EA | 12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer | 186.12 | 37.17 |
| 23 05 19 00-0010 | EA | 7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer | 152.73 | 37.17 |
| 23 05 19 00-0011 | EA | 9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer | 161.08 | 37.17 |
| 23 05 19 00-0012 | EA | 12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer | 191.13 | 37.17 |

### 23 05 19 00-0013 Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges. Socket connection for thermowell.

| | | | | |
|---|---|---|---|---|
| 23 05 19 00-0014 | EA | 7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer | 147.72 | 37.17 |
| 23 05 19 00-0015 | EA | 9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer | 147.72 | 37.17 |
| 23 05 19 00-0016 | EA | 12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer | 186.12 | 37.17 |
| 23 05 19 00-0017 | EA | 7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer | 169.43 | 37.17 |
| 23 05 19 00-0018 | EA | 9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer | 186.12 | 37.17 |
| 23 05 19 00-0019 | EA | 12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer | 190.38 | 37.17 |

### 23 05 19 00-0020 1" NPT, 304 Stainless Steel Thermowells *(23 05 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 05 19 00-0021 | EA | 4" Long, 1" NPT, 304 Stainless Steel Thermowell | 169.00 | 69.69 |
| 23 05 19 00-0022 | EA | 8" Long, 1" NPT, 304 Stainless Steel Thermowell | 168.93 | 69.69 |

### 23 05 19 00-0023 Pressure Gauges *(23 05 19)*

### 23 05 19 00-0024 Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*

| | | | | |
|---|---|---|---|---|
| 23 05 19 00-0025 | EA | 2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge | 39.72 | 14.52 |
| 23 05 19 00-0026 | EA | 4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge | 49.57 | 14.52 |

### 23 05 19 00-0027 Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*

| | | | | |
|---|---|---|---|---|
| 23 05 19 00-0028 | EA | 3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge | 198.99 | 14.52 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 19 00-0029 | EA | 4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge | 198.99 | 14.52 |
| 23 05 19 00-0030 | EA | 6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge | 256.70 | 14.52 |
| 23 05 19 00-0031 | EA | 8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge | 596.59 | 14.52 |
| 23 05 19 00-0032 | | Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)* | | |
| | | Note: Liquid filled. | | |
| 23 05 19 00-0033 | EA | 2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge | 131.34 | 14.52 |
| 23 05 19 00-0034 | EA | 4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge | 294.94 | 14.52 |
| 23 05 19 00-0035 | | Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges *(23 05 19 00-0023)* | | |
| 23 05 19 00-0036 | EA | 4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge | 327.87 | 14.52 |
| 23 05 19 00-0037 | EA | 6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge | 327.87 | 14.52 |
| 23 05 19 00-0038 | EA | 8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge | 327.87 | 14.52 |
| 23 05 19 00-0039 | | Gauge Accessories *(23 05 19 00-0023)* | | |
| 23 05 19 00-0040 | EA | Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer) | 86.03 | 11.61 |
| 23 05 19 00-0041 | EA | 1/4" Snubber Valve | 54.01 | 11.61 |
| 23 05 19 00-0042 | EA | 1/4" Female Pipe Thread, Brass Gauge Cock | 34.17 | 17.43 |
| 23 05 19 00-0043 | EA | 1/4" Male Pipe Thread, Brass Gauge Cock | 29.70 | 17.43 |
| 23 05 19 00-0044 | EA | 1/4" Pressure Pigtail Steam Siphon | 33.36 | 17.43 |
| 23 05 19 00-0045 | EA | 1/4" x 3" Long Black Steel Nipple | 6.98 | 5.81 |
| 23 05 19 00-0046 | EA | 1/4" Steel Thread-O-Let | 73.33 | 29.04 |
| 23 05 19 00-0047 | EA | 1/4", 300 LB, Black Steel Union | 73.41 | 11.61 |
| 23 05 19 00-0048 | EA | 1/4" Black Steel Coupling | 25.09 | 11.61 |
| 23 05 19 00-0049 | EA | 1/4", 300 LB, Black Steel Plug | 14.37 | 6.97 |
| 23 05 19 00-0050 | EA | 1/4", 150 LB, Black Steel Cap | 14.99 | 6.97 |
| 23 05 19 00-0051 | LF | 1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe | 8.01 | 3.84 |
| 23 05 19 00-0052 | LF | 1/4" Schedule 80, Plain End, Black Steel Pipe | 7.84 | 3.84 |
| 23 05 19 00-0053 | LF | 1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe | 8.05 | |
| 23 05 19 00-0054 | EA | 1/4" Threaded, 800 LB, Forged Steel, Ball Valve | 105.05 | |
| 23 05 19 00-0055 | | Valve Lock Covers *(23 05 19)* | | |
| 23 05 19 00-0056 | EA | Valve Lock Cover | 80.38 | 17.77 |
| 23 05 19 00-0057 | | Venturi Flowmeters *(23 05 19)* | | |
| 23 05 19 00-0058 | | Threaded, Brass, Venturi Flowmeters *(23 05 19 00-0057)* | | |
| 23 05 19 00-0059 | EA | 3/4" Threaded, Brass, Venturi Flowmeter | 284.26 | 78.99 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| 23 05 19 00-0060 | EA | 1" Threaded, Brass, Venturi Flowmeter | 314.82 | 94.78 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| 23 05 19 00-0061 | EA | 1-1/4" Threaded, Brass, Venturi Flowmeter | 347.31 | 105.36 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| 23 05 19 00-0062 | EA | 1-1/2" Threaded, Brass, Venturi Flowmeter | 391.42 | 118.49 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| 23 05 19 00-0063 | EA | 2" Threaded, Brass, Venturi Flowmeter | 465.33 | 135.45 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| 23 05 19 00-0064 | EA | 2-1/2" Threaded, Brass, Venturi Flowmeter | 620.43 | 173.56 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| 23 05 19 00-0065 | | Butt Weld, Carbon Steel, Venturi Flowmeters *(23 05 19 00-0057)* | | |
| 23 05 19 00-0066 | EA | 3" Butt Weld, Carbon Steel, Venturi Flowmeter | 1,184.62 | 166.62 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *297.98* | |
| 23 05 19 00-0067 | EA | 4" Butt Weld, Carbon Steel, Venturi Flowmeter | 1,620.21 | 199.94 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *427.11* | |
| 23 05 19 00-0068 | EA | 5" Butt Weld, Carbon Steel, Venturi Flowmeter | 2,117.49 | 249.93 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *566.17* | |
| 23 05 19 00-0069 | EA | 6" Butt Weld, Carbon Steel, Venturi Flowmeter | 2,539.52 | 333.24 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *655.56* | |
| 23 05 19 00-0070 | EA | 8" Butt Weld, Carbon Steel, Venturi Flowmeter | 3,666.09 | 399.89 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *1,003.21* | |
| 23 05 19 00-0071 | EA | 10" Butt Weld, Carbon Steel, Venturi Flowmeter | 5,909.37 | 499.86 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *1,718.38* | |
| 23 05 19 00-0072 | EA | 12" Butt Weld, Carbon Steel, Venturi Flowmeter | 8,740.56 | 652.57 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *2,602.40* | |
| 23 05 19 00-0073 | EA | 14" Butt Weld, Carbon Steel, Venturi Flowmeter | 12,287.84 | 978.86 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *3,615.54* | |
| 23 05 19 00-0074 | EA | 16" Butt Weld, Carbon Steel, Venturi Flowmeter | 18,209.63 | 1,087.62 |
| | | *For Portable Venturi Flow Meter, Add* | *995.00* | |
| | | *For Flanged Ends, Add* | *5,612.04* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 19 00-0075 | | Turbine Flowmeter *(23 05 19)* | | |
| 23 05 19 00-0076 | EA | Saddle Mount Turbine Flowmeter | 817.81 | 87.12 |
| 23 05 19 00-0077 | | Sight Flow Indicator *(23 05 19)* | | |
| 23 05 19 00-0078 | | Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0077)* | | |
| 23 05 19 00-0079 | EA | 1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) | 154.42 | 16.91 |
| 23 05 19 00-0080 | EA | 3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) | 161.31 | 17.79 |
| 23 05 19 00-0081 | EA | 1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) | 174.43 | 18.70 |
| 23 05 19 00-0082 | EA | 3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) | 195.63 | 25.19 |
| 23 05 19 00-0083 | EA | 1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) | 233.86 | 30.54 |
| 23 05 19 00-0084 | EA | 1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) | 265.49 | 38.66 |
| 23 05 19 00-0085 | EA | 1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) | 375.52 | 44.70 |
| 23 05 19 00-0086 | EA | 2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) | 416.29 | 52.83 |
| 23 05 19 00-0087 | | Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0077)* | | |
| 23 05 19 00-0088 | EA | 1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) | 200.42 | 16.91 |
| 23 05 19 00-0089 | EA | 3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) | 206.29 | 17.79 |
| 23 05 19 00-0090 | EA | 1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) | 222.47 | 18.70 |
| 23 05 19 00-0091 | EA | 3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) | 236.51 | 25.19 |
| 23 05 19 00-0092 | EA | 1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) | 251.24 | 30.54 |
| 23 05 19 00-0093 | EA | 1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) | 272.64 | 38.66 |
| 23 05 19 00-0094 | EA | 1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) | 514.53 | 44.70 |
| 23 05 19 00-0095 | EA | 2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) | 551.22 | 52.83 |
| 23 05 19 00-0096 | | Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator *(23 05 19 00-0077)* | | |
| 23 05 19 00-0097 | EA | 1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) | 289.35 | 16.91 |
| 23 05 19 00-0098 | EA | 3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) | 305.44 | 17.79 |
| 23 05 19 00-0099 | EA | 1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) | 331.84 | 18.70 |
| 23 05 19 00-0100 | EA | 3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) | 361.21 | 25.19 |
| 23 05 19 00-0101 | EA | 1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) | 414.78 | 30.54 |
| 23 05 19 00-0102 | EA | 1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) | 439.25 | 38.66 |
| 23 05 19 00-0103 | EA | 1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) | 882.51 | 44.70 |
| 23 05 19 00-0104 | EA | 2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) | 929.41 | 52.83 |
| 23 05 19 00-0105 | | Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators *(23 05 19 00-0077)* | | |
| 23 05 19 00-0106 | EA | 1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) | 197.35 | 16.91 |
| 23 05 19 00-0107 | EA | 3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) | 205.27 | 17.79 |
| 23 05 19 00-0108 | EA | 1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) | 217.36 | 18.70 |
| 23 05 19 00-0109 | EA | 3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) | 235.49 | 25.19 |
| 23 05 19 00-0110 | EA | 1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) | 250.22 | 30.54 |
| 23 05 19 00-0111 | EA | 1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) | 272.64 | 38.66 |
| 23 05 19 00-0112 | EA | 1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) | 508.40 | 44.70 |
| 23 05 19 00-0113 | EA | 2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) | 543.04 | 52.83 |
| 23 05 19 00-0114 | | Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0077)* | | |
| 23 05 19 00-0115 | EA | 1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) | 287.30 | 16.91 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 19 00-0116 | EA | 3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) | 309.53 | 17.79 |
| 23 05 19 00-0117 | EA | 1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) | 337.97 | 18.70 |
| 23 05 19 00-0118 | EA | 3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) | 361.21 | 25.19 |
| 23 05 19 00-0119 | EA | 1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) | 414.78 | 30.54 |
| 23 05 19 00-0120 | EA | 1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) | 443.34 | 38.66 |
| 23 05 19 00-0121 | EA | 1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) | 882.51 | 44.70 |
| 23 05 19 00-0122 | EA | 2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) | 929.41 | 52.83 |
| 23 05 19 00-0123 | | Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators *(23 05 19 00-0077)* | | |
| 23 05 19 00-0124 | EA | 1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) | 422.96 | 30.54 |
| 23 05 19 00-0125 | EA | 1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) | 476.05 | 38.66 |
| 23 05 19 00-0126 | EA | 1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) | 541.11 | 44.70 |
| 23 05 19 00-0127 | EA | 2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) | 608.46 | 52.83 |
| 23 05 19 00-0128 | | Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators *(23 05 19 00-0077)* | | |
| 23 05 19 00-0129 | EA | 1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) | 932.17 | 121.92 |
| 23 05 19 00-0130 | EA | 2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) | 1,042.42 | 154.79 |
| 23 05 19 00-0131 | EA | 3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) | 1,532.27 | 181.78 |
| 23 05 19 00-0132 | EA | 4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) | 2,314.25 | 304.73 |
| 23 05 19 00-0133 | EA | 6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) | 3,709.66 | 346.10 |
| 23 05 19 00-0134 | | Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0077)* | | |
| 23 05 19 00-0135 | EA | 1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) | 714.66 | 87.08 |
| 23 05 19 00-0136 | EA | 1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) | 843.76 | 101.60 |
| 23 05 19 00-0137 | EA | 1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) | 911.22 | 121.92 |
| 23 05 19 00-0138 | EA | 2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) | 1,142.08 | 154.79 |
| 23 05 19 00-0139 | EA | 3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) | 1,654.42 | 181.78 |
| 23 05 19 00-0140 | EA | 4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) | 2,446.62 | 304.73 |
| 23 05 19 00-0141 | | Water Flow Switches *(23 05 19)* | | |
| 23 05 19 00-0142 | EA | Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1) | 266.58 | 34.24 |
| 23 05 19 00-0143 | EA | Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1) | 275.94 | 34.24 |
| 23 05 19 00-0144 | EA | Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1) | 354.99 | 34.24 |
| 23 05 19 00-0145 | EA | Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1) | 366.96 | 34.24 |
| 23 05 19 00-0146 | EA | Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1) | 287.91 | 34.24 |
| 23 05 19 00-0147 | EA | Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1) | 298.82 | 34.24 |
| 23 05 19 00-0148 | EA | Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1) | 376.33 | 34.24 |
| 23 05 19 00-0149 | EA | Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1) | 387.24 | 34.24 |
| 23 05 19 00-0150 | EA | Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1) | 738.78 | 34.24 |
| 23 05 19 00-0151 | EA | Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1) | 749.36 | 34.24 |
| 23 05 19 00-0152 | EA | Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1) | 849.85 | 34.24 |
| 23 05 19 00-0153 | EA | Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1) | 864.40 | 34.24 |
| 23 05 19 00-0154 | EA | Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1) | 763.90 | 34.24 |
| 23 05 19 00-0155 | EA | Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1) | 778.45 | 34.24 |
| 23 05 19 00-0156 | EA | Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1) | 874.97 | 34.24 |
| 23 05 19 00-0157 | EA | Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1) | 890.84 | 34.24 |

## 23 05 23 General-Duty Valves For HVAC Piping *(23 05)*

Note: Flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0669 for bolt and gasket sets.

### 23 05 23 00-0001 Gate Valves *(23 05 23)*

### 23 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0003 | EA | 1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 82.27 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| | | *For 150 LB Rating, Add* | *4.85* | |
| | | *For 200 LB Rating, Add* | *7.27* | |
| 23 05 23 00-0004 | EA | 3/8" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 84.05 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| | | *For 150 LB Rating, Add* | *4.85* | |
| | | *For 200 LB Rating, Add* | *7.27* | |
| 23 05 23 00-0005 | EA | 1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 86.21 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| | | *For 150 LB Rating, Add* | *4.88* | |
| | | *For 200 LB Rating, Add* | *7.31* | |
| 23 05 23 00-0006 | EA | 3/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 102.87 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| | | *For 150 LB Rating, Add* | *5.24* | |
| | | *For 200 LB Rating, Add* | *7.86* | |
| 23 05 23 00-0007 | EA | 1" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 125.29 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| | | *For 150 LB Rating, Add* | *6.42* | |
| | | *For 200 LB Rating, Add* | *9.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0008 | EA | 1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 182.19 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| | | *For 150 LB Rating, Add* | *10.48* | |
| | | *For 200 LB Rating, Add* | *15.72* | |
| 23 05 23 00-0009 | EA | 1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 203.20 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| | | *For 150 LB Rating, Add* | *11.39* | |
| | | *For 200 LB Rating, Add* | *17.08* | |
| 23 05 23 00-0010 | EA | 2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 243.53 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| | | *For 150 LB Rating, Add* | *13.80* | |
| | | *For 200 LB Rating, Add* | *20.70* | |
| 23 05 23 00-0011 | EA | 2-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 542.77 | 28.55 |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| | | *For 150 LB Rating, Add* | *40.02* | |
| | | *For 200 LB Rating, Add* | *60.03* | |
| | | *For Chain Operated Type, Add* | *180.09* | |
| 23 05 23 00-0012 | EA | 3" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve | 636.75 | 33.14 |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| | | *For 150 LB Rating, Add* | *47.23* | |
| | | *For 200 LB Rating, Add* | *70.84* | |

## 23 05 23 00-0013 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0014 | EA | 1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve | 98.42 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| | | *For 150 LB Rating, Add* | *6.46* | |
| | | *For 200 LB Rating, Add* | *9.69* | |
| 23 05 23 00-0015 | EA | 3/8" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve | 100.06 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| | | *For 150 LB Rating, Add* | *6.45* | |
| | | *For 200 LB Rating, Add* | *9.67* | |
| 23 05 23 00-0016 | EA | 1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve | 116.05 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| | | *For 150 LB Rating, Add* | *7.86* | |
| | | *For 200 LB Rating, Add* | *11.79* | |
| 23 05 23 00-0017 | EA | 3/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve | 132.71 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| | | *For 150 LB Rating, Add* | *8.22* | |
| | | *For 200 LB Rating, Add* | *12.33* | |
| 23 05 23 00-0018 | EA | 1" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve | 159.34 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| | | *For 150 LB Rating, Add* | *9.82* | |
| | | *For 200 LB Rating, Add* | *14.73* | |
| 23 05 23 00-0019 | EA | 1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve | 228.76 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| | | *For 150 LB Rating, Add* | *15.14* | |
| | | *For 200 LB Rating, Add* | *22.70* | |
| 23 05 23 00-0020 | EA | 1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve | 261.78 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| | | *For 150 LB Rating, Add* | *17.25* | |
| | | *For 200 LB Rating, Add* | *25.87* | |
| 23 05 23 00-0021 | EA | 2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve | 334.04 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| | | *For 150 LB Rating, Add* | *22.85* | |
| | | *For 200 LB Rating, Add* | *34.27* | |

## 23 05 23 00-0022 Class 125 Threaded, Bronze Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0023 | EA | 1/4" Diameter, 125 LB, Threaded Bronze Gate Valve | 64.61 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| | | *For 150 LB Rating, Add* | *3.08* | |
| | | *For 200 LB Rating, Add* | *4.62* | |
| | | *For 250 LB Rating, Add* | *7.70* | |
| | | *For 300 LB Rating, Add* | *10.78* | |
| 23 05 23 00-0024 | EA | 3/8" Diameter, 125 LB, Threaded Bronze Gate Valve | 66.39 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| | | *For 150 LB Rating, Add* | *3.08* | |
| | | *For 200 LB Rating, Add* | *4.62* | |
| | | *For 250 LB Rating, Add* | *7.70* | |
| | | *For 300 LB Rating, Add* | *10.78* | |
| 23 05 23 00-0025 | EA | 1/2" Diameter, 125 LB, Threaded Bronze Gate Valve | 68.26 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| | | *For 150 LB Rating, Add* | *3.08* | |
| | | *For 200 LB Rating, Add* | *4.62* | |
| | | *For 250 LB Rating, Add* | *7.70* | |
| | | *For 300 LB Rating, Add* | *10.78* | |
| 23 05 23 00-0026 | EA | 3/4" Diameter, 125 LB, Threaded Bronze Gate Valve | 87.23 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| | | *For 150 LB Rating, Add* | *3.68* | |
| | | *For 200 LB Rating, Add* | *5.51* | |
| | | *For 250 LB Rating, Add* | *9.19* | |
| | | *For 300 LB Rating, Add* | *12.86* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0027 | EA | 1" Diameter, 125 LB, Threaded Bronze Gate Valve | 116.64 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| | | *For 150 LB Rating, Add* | *5.55* | |
| | | *For 200 LB Rating, Add* | *8.33* | |
| | | *For 250 LB Rating, Add* | *13.88* | |
| | | *For 300 LB Rating, Add* | *19.43* | |
| 23 05 23 00-0028 | EA | 1-1/4" Diameter, 125 LB, Threaded Bronze Gate Valve | 152.27 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| | | *For 150 LB Rating, Add* | *7.49* | |
| | | *For 200 LB Rating, Add* | *11.23* | |
| | | *For 250 LB Rating, Add* | *18.72* | |
| | | *For 300 LB Rating, Add* | *26.20* | |
| 23 05 23 00-0029 | EA | 1-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve | 183.65 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| | | *For 150 LB Rating, Add* | *9.43* | |
| | | *For 200 LB Rating, Add* | *14.15* | |
| | | *For 250 LB Rating, Add* | *23.58* | |
| | | *For 300 LB Rating, Add* | *33.02* | |
| 23 05 23 00-0030 | EA | 2" Diameter, 125 LB, Threaded Bronze Gate Valve | 234.44 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| | | *For 150 LB Rating, Add* | *12.89* | |
| | | *For 200 LB Rating, Add* | *19.33* | |
| | | *For 250 LB Rating, Add* | *32.22* | |
| | | *For 300 LB Rating, Add* | *45.11* | |
| 23 05 23 00-0031 | EA | 2-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve | 510.15 | 28.55 |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| | | *For 150 LB Rating, Add* | *36.76* | |
| | | *For 200 LB Rating, Add* | *55.14* | |
| | | *For 250 LB Rating, Add* | *91.90* | |
| | | *For 300 LB Rating, Add* | *128.65* | |
| | | *For Chain Operated Type, Add* | *165.41* | |
| 23 05 23 00-0032 | EA | 3" Diameter, 125 LB, Threaded Bronze Gate Valve | 603.89 | 33.14 |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| | | *For 150 LB Rating, Add* | *43.94* | |
| | | *For 200 LB Rating, Add* | *65.91* | |
| | | *For 250 LB Rating, Add* | *109.85* | |
| | | *For 300 LB Rating, Add* | *153.79* | |
| | | *For Chain Operated Type, Add* | *197.73* | |
| 23 05 23 00-0033 | EA | 4" Diameter, 125 LB, Threaded Bronze Gate Valve | 1,233.88 | 37.42 |
| | | *For Work In Restricted Working Space, Add* | *56.14* | |
| | | *For 150 LB Rating, Add* | *104.68* | |
| | | *For 200 LB Rating, Add* | *157.01* | |
| | | *For 250 LB Rating, Add* | *261.69* | |
| | | *For 300 LB Rating, Add* | *366.37* | |
| | | *For Chain Operated Type, Add* | *471.04* | |

### 23 05 23 00-0034 Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0035 | EA | 1-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 271.25 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| | | *For 150 LB Rating, Add* | *36.39* | |
| | | *For 250 LB Rating, Add* | *63.68* | |
| | | *For Chain Operated Type, Add* | *63.68* | |
| 23 05 23 00-0036 | EA | 2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 412.98 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| | | *For 150 LB Rating, Add* | *61.48* | |
| | | *For 250 LB Rating, Add* | *107.60* | |
| | | *For Chain Operated Type, Add* | *107.60* | |
| 23 05 23 00-0037 | EA | 2-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 604.94 | 28.55 |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| | | *For 150 LB Rating, Add* | *92.47* | |
| | | *For 250 LB Rating, Add* | *161.83* | |
| | | *For Chain Operated Type, Add* | *161.83* | |
| 23 05 23 00-0038 | EA | 3" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 771.15 | 33.14 |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| | | *For 150 LB Rating, Add* | *121.33* | |
| | | *For 250 LB Rating, Add* | *212.33* | |
| | | *For Chain Operated Type, Add* | *212.33* | |
| 23 05 23 00-0039 | EA | 4" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 1,820.16 | 37.42 |
| | | *For Work In Restricted Working Space, Add* | *56.14* | |
| | | *For 150 LB Rating, Add* | *326.61* | |
| | | *For 250 LB Rating, Add* | *571.56* | |
| | | *For Chain Operated Type, Add* | *571.56* | |

### 23 05 23 00-0040 Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0041 | EA | 1-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 406.35 | 121.92 |
| | | *For Work In Restricted Working Space, Add* | *45.83* | |
| | | *For 150 LB Rating, Add* | *73.54* | |
| | | *For 250 LB Rating, Add* | *126.79* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *329.96* | |
| | | *For Chain Operated Type, Add* | *126.79* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0042 | EA | 2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 458.72 | 154.79 |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| | | *For 150 LB Rating, Add* | *76.91* | |
| | | *For 250 LB Rating, Add* | *132.60* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *361.96* | |
| | | *For Chain Operated Type, Add* | *132.60* | |
| 23 05 23 00-0043 | EA | 2-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 512.60 | 155.04 |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| | | *For 150 LB Rating, Add* | *92.28* | |
| | | *For 250 LB Rating, Add* | *159.10* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *415.40* | |
| | | *For Chain Operated Type, Add* | *159.10* | |
| 23 05 23 00-0044 | EA | 3" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 625.21 | 181.78 |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| | | *For 150 LB Rating, Add* | *115.34* | |
| | | *For 250 LB Rating, Add* | *198.86* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *511.46* | |
| | | *For Chain Operated Type, Add* | *198.86* | |
| 23 05 23 00-0045 | EA | 4" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 912.19 | 304.73 |
| | | *For Work In Restricted Working Space, Add* | *114.56* | |
| | | *For 150 LB Rating, Add* | *153.79* | |
| | | *For 250 LB Rating, Add* | *265.16* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *721.25* | |
| | | *For Chain Operated Type, Add* | *265.16* | |
| 23 05 23 00-0046 | EA | 5" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 1,078.10 | 311.49 |
| | | *For Work In Restricted Working Space, Add* | *116.63* | |
| | | *For 150 LB Rating, Add* | *199.91* | |
| | | *For 250 LB Rating, Add* | *344.67* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *883.72* | |
| | | *For Chain Operated Type, Add* | *344.67* | |
| 23 05 23 00-0047 | EA | 6" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 1,282.51 | 346.10 |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| | | *For 150 LB Rating, Add* | *246.02* | |
| | | *For 250 LB Rating, Add* | *424.17* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *1,065.42* | |
| | | *For Chain Operated Type, Add* | *424.17* | |
| 23 05 23 00-0048 | EA | 8" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 1,954.63 | 442.24 |
| | | *For Work In Restricted Working Space, Add* | *164.81* | |
| | | *For 150 LB Rating, Add* | *407.53* | |
| | | *For 250 LB Rating, Add* | *702.64* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *1,679.95* | |
| | | *For Chain Operated Type, Add* | *702.64* | |
| 23 05 23 00-0049 | EA | 10" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 2,528.85 | 538.38 |
| | | *For Work In Restricted Working Space, Add* | *201.89* | |
| | | *For 150 LB Rating, Add* | *538.21* | |
| | | *For 250 LB Rating, Add* | *927.94* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *2,192.37* | |
| | | *For Chain Operated Type, Add* | *927.94* | |
| 23 05 23 00-0050 | EA | 12" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 3,467.12 | 653.74 |
| | | *For Work In Restricted Working Space, Add* | *244.72* | |
| | | *For 150 LB Rating, Add* | *768.91* | |
| | | *For 250 LB Rating, Add* | *1,325.70* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *3,059.26* | |
| | | *For Chain Operated Type, Add* | *1,325.70* | |

### 23 05 23 00-0051 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0052 | EA | 1-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 535.29 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| | | *For 175 LB Rating, Add* | *222.99* | |
| | | *For 250 LB Rating, Add* | *334.48* | |
| 23 05 23 00-0053 | EA | 2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 682.08 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| | | *For 175 LB Rating, Add* | *288.26* | |
| | | *For 250 LB Rating, Add* | *432.39* | |
| 23 05 23 00-0054 | EA | 2-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 792.67 | 28.55 |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| | | *For 175 LB Rating, Add* | *325.05* | |
| | | *For 250 LB Rating, Add* | *487.58* | |
| 23 05 23 00-0055 | EA | 3" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 881.82 | 33.14 |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| | | *For 175 LB Rating, Add* | *358.66* | |
| | | *For 250 LB Rating, Add* | *537.99* | |
| 23 05 23 00-0056 | EA | 4" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve | 1,177.64 | 37.42 |
| | | *For Work In Restricted Working Space, Add* | *56.14* | |
| | | *For 175 LB Rating, Add* | *495.26* | |
| | | *For 250 LB Rating, Add* | *742.89* | |

### 23 05 23 00-0057 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0058 | EA | 1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 518.33 | 121.92 |
| | | *For Work In Restricted Working Space, Add* | *45.83* | |
| | | *For 150 LB Rating, Add* | *54.83* | |
| | | *For 175 LB Rating, Add* | *113.32* | |
| | | *For 250 LB Rating, Add* | *237.61* | |
| | | *For Chain Operated Type, Add* | *182.78* | |
| 23 05 23 00-0059 | EA | 2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 569.92 | 154.79 |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| | | *For 150 LB Rating, Add* | *56.46* | |
| | | *For 175 LB Rating, Add* | *116.68* | |
| | | *For 250 LB Rating, Add* | *244.66* | |
| | | *For Chain Operated Type, Add* | *188.20* | |
| 23 05 23 00-0060 | EA | 2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 583.10 | 155.04 |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| | | *For 150 LB Rating, Add* | *58.30* | |
| | | *For 175 LB Rating, Add* | *120.49* | |
| | | *For 250 LB Rating, Add* | *252.65* | |
| | | *For Chain Operated Type, Add* | *194.35* | |
| 23 05 23 00-0061 | EA | 3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 655.16 | 181.78 |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| | | *For 150 LB Rating, Add* | *64.15* | |
| | | *For 175 LB Rating, Add* | *132.57* | |
| | | *For 250 LB Rating, Add* | *277.98* | |
| | | *For Chain Operated Type, Add* | *213.83* | |
| 23 05 23 00-0062 | EA | 4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 900.52 | 304.73 |
| | | *For Work In Restricted Working Space, Add* | *114.56* | |
| | | *For 150 LB Rating, Add* | *77.80* | |
| | | *For 175 LB Rating, Add* | *160.78* | |
| | | *For 250 LB Rating, Add* | *337.12* | |
| | | *For Chain Operated Type, Add* | *259.32* | |
| 23 05 23 00-0063 | EA | 5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 1,112.38 | 311.49 |
| | | *For Work In Restricted Working Space, Add* | *116.63* | |
| | | *For 150 LB Rating, Add* | *108.54* | |
| | | *For 175 LB Rating, Add* | *224.32* | |
| | | *For 250 LB Rating, Add* | *470.35* | |
| | | *For Chain Operated Type, Add* | *361.81* | |
| 23 05 23 00-0064 | EA | 6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 1,260.58 | 346.10 |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| | | *For 150 LB Rating, Add* | *123.96* | |
| | | *For 175 LB Rating, Add* | *256.18* | |
| | | *For 250 LB Rating, Add* | *537.16* | |
| | | *For Chain Operated Type, Add* | *413.20* | |
| 23 05 23 00-0065 | EA | 8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 1,947.03 | 442.24 |
| | | *For Work In Restricted Working Space, Add* | *164.81* | |
| | | *For 150 LB Rating, Add* | *209.65* | |
| | | *For 175 LB Rating, Add* | *433.28* | |
| | | *For 250 LB Rating, Add* | *908.49* | |
| | | *For Chain Operated Type, Add* | *698.84* | |
| 23 05 23 00-0066 | EA | 10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 2,823.98 | 538.38 |
| | | *For Work In Restricted Working Space, Add* | *201.89* | |
| | | *For 150 LB Rating, Add* | *322.65* | |
| | | *For 175 LB Rating, Add* | *666.81* | |
| | | *For 250 LB Rating, Add* | *1,398.16* | |
| | | *For Chain Operated Type, Add* | *1,075.51* | |
| 23 05 23 00-0067 | EA | 12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 3,541.95 | 653.74 |
| | | *For Work In Restricted Working Space, Add* | *244.72* | |
| | | *For 150 LB Rating, Add* | *408.93* | |
| | | *For 175 LB Rating, Add* | *845.13* | |
| | | *For 250 LB Rating, Add* | *1,772.05* | |
| | | *For Chain Operated Type, Add* | *1,363.12* | |
| 23 05 23 00-0068 | EA | 14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 6,943.86 | 904.16 |
| | | *For Work In Restricted Working Space, Add* | *339.06* | |
| | | *For 150 LB Rating, Add* | *872.05* | |
| | | *For 175 LB Rating, Add* | *1,802.23* | |
| | | *For 250 LB Rating, Add* | *3,778.88* | |
| 23 05 23 00-0069 | EA | 16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 8,975.97 | 994.57 |
| | | *For Work In Restricted Working Space, Add* | *372.97* | |
| | | *For 150 LB Rating, Add* | *1,159.91* | |
| | | *For 175 LB Rating, Add* | *2,397.15* | |
| | | *For 250 LB Rating, Add* | *5,026.29* | |
| 23 05 23 00-0070 | EA | 18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 12,204.84 | 1,103.08 |
| | | *For Work In Restricted Working Space, Add* | *413.66* | |
| | | *For 150 LB Rating, Add* | *1,623.90* | |
| | | *For 175 LB Rating, Add* | *3,356.06* | |
| | | *For 250 LB Rating, Add* | *7,036.89* | |
| 23 05 23 00-0071 | EA | 20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 15,471.02 | 1,243.22 |
| | | *For Work In Restricted Working Space, Add* | *466.21* | |
| | | *For 150 LB Rating, Add* | *2,087.55* | |
| | | *For 175 LB Rating, Add* | *4,314.27* | |
| | | *For 250 LB Rating, Add* | *9,046.05* | |
| 23 05 23 00-0072 | EA | 24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 21,106.01 | 1,525.77 |
| | | *For Work In Restricted Working Space, Add* | *572.16* | |
| | | *For 150 LB Rating, Add* | *2,879.82* | |
| | | *For 175 LB Rating, Add* | *5,951.63* | |
| | | *For 250 LB Rating, Add* | *12,479.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0073 | EA | 30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 43,905.49 | 2,486.43 |
| | | *For Work In Restricted Working Space, Add* | *932.41* | |
| | | *For 150 LB Rating, Add* | *6,119.62* | |
| | | *For 175 LB Rating, Add* | *12,647.21* | |
| | | *For 250 LB Rating, Add* | *26,518.34* | |
| 23 05 23 00-0074 | EA | 36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve | 55,980.82 | 3,315.25 |
| | | *For Work In Restricted Working Space, Add* | *1,243.22* | |
| | | *For 150 LB Rating, Add* | *7,775.51* | |
| | | *For 175 LB Rating, Add* | *16,069.40* | |
| | | *For 250 LB Rating, Add* | *33,693.89* | |

### 23 05 23 00-0075 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0001)*

Note: 800 psig at 850 degrees F.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0076 | EA | 1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve | 161.62 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| 23 05 23 00-0077 | EA | 1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve | 165.27 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0078 | EA | 3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve | 195.44 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0079 | EA | 1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve | 237.25 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0080 | EA | 1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve | 361.59 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0081 | EA | 1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve | 427.55 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0082 | EA | 2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve | 537.31 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |

### 23 05 23 00-0083 200 PSI, Non Rising Stem, Crimped Bronze Gate Valves *(23 05 23 00-0001)*

Note: 200 psi cold working pressure.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0084 | EA | 1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve | 117.87 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |
| 23 05 23 00-0085 | EA | 3/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve | 132.76 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *8.93* | |
| 23 05 23 00-0086 | EA | 1" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve | 174.28 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *10.67* | |
| 23 05 23 00-0087 | EA | 1-1/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve | 237.10 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *11.76* | |
| 23 05 23 00-0088 | EA | 1-1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve | 274.76 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *13.07* | |
| 23 05 23 00-0089 | EA | 2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve | 377.76 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |

### 23 05 23 00-0090 Ball Valves *(23 05 23)*

See CSI section 23 23 13 00-0000 for refrigeration valves.

### 23 05 23 00-0091 Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0090)*

Note: 125 LB WSP.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0092 | EA | 1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 49.89 | 11.61 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *5.59* | |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0093 | EA | 3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 69.59 | 12.78 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *8.60* | |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0094 | EA | 1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 86.91 | 14.52 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *11.61* | |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0095 | EA | 1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 120.72 | 15.45 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *19.49* | |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0096 | EA | 1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 144.64 | 17.88 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *24.89* | |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0097 | EA | 2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 174.85 | 21.13 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *31.18* | |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0098 | EA | 2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 469.57 | 28.55 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *147.15* | |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| 23 05 23 00-0099 | EA | 3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 541.79 | 33.14 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *169.78* | |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| 23 05 23 00-0100 | EA | 4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 701.50 | 37.42 |
| | | *For Extension Stems And Sleeves On Insulated Pipe, Add* | *2.63* | |
| | | *For Full Port, Add* | *231.47* | |
| | | *For Work In Restricted Working Space, Add* | *56.14* | |

## 23 05 23 00-0101 Screwed, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0090)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0102 | EA | 1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve | 57.59 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| 23 05 23 00-0103 | EA | 1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve | 63.27 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0104 | EA | 3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve | 87.81 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0105 | EA | 1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve | 111.32 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0106 | EA | 1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve | 163.21 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0107 | EA | 1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve | 198.01 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0108 | EA | 2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve | 255.22 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |

## 23 05 23 00-0109 Flanged, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0090)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0110 | EA | 1-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve | 343.17 | 121.92 |
| | | *For Work In Restricted Working Space, Add* | *45.83* | |
| | | *For 150 LB Rating, Add* | *55.21* | |
| | | *For 250 LB Rating, Add* | *95.20* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *266.78* | |
| | | *For Chain Operated Type, Add* | *95.20* | |
| | | *For Work In Restricted Working Space, Add* | *45.83* | |
| 23 05 23 00-0111 | EA | 2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve | 429.71 | 154.79 |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| | | *For 150 LB Rating, Add* | *68.50* | |
| | | *For 250 LB Rating, Add* | *118.10* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *332.95* | |
| | | *For Chain Operated Type, Add* | *118.10* | |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| 23 05 23 00-0112 | EA | 2-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve | 625.87 | 155.04 |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| | | *For 150 LB Rating, Add* | *125.12* | |
| | | *For 250 LB Rating, Add* | *215.73* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *528.67* | |
| | | *For Chain Operated Type, Add* | *215.73* | |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| 23 05 23 00-0113 | EA | 3" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve | 694.00 | 181.78 |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| | | *For 150 LB Rating, Add* | *135.29* | |
| | | *For 250 LB Rating, Add* | *233.25* | |
| | | *For 300 LB Rating, ASTM A182, Add* | *580.25* | |
| | | *For Chain Operated Type, Add* | *233.25* | |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| 23 05 23 00-0114 | EA | 4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve | 1,037.13 | 304.73 |
| | | *For Work In Restricted Working Space, Add* | *114.56* | |
| 23 05 23 00-0115 | EA | 6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve | 2,210.78 | 346.10 |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| 23 05 23 00-0116 | EA | 8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve | 3,701.56 | 442.24 |
| | | *For Work In Restricted Working Space, Add* | *164.81* | |

## 23 05 23 00-0117 Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves *(23 05 23 00-0090)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0118 | EA | 1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 42.58 | 11.61 |
| | | *For True Union Socket Or Thread Type, Add* | *4.01* | |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0119 | EA | 3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 56.38 | 12.78 |
| | | *For True Union Socket Or Thread Type, Add* | *5.01* | |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0120 | EA | 1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 69.33 | 14.52 |
| | | *For True Union Socket Or Thread Type, Add* | *6.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0121 | EA | 1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 88.20 | 15.45 |
| | | *For True Union Socket Or Thread Type, Add* | *8.38* | |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0122 | EA | 1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 108.09 | 17.88 |
| | | *For True Union Socket Or Thread Type, Add* | *12.20* | |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0123 | EA | 2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 129.48 | 21.13 |
| | | *For True Union Socket Or Thread Type, Add* | *15.11* | |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| 23 05 23 00-0124 | EA | 2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 194.04 | 28.55 |
| | | *For True Union Socket Or Thread Type, Add* | *28.07* | |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| 23 05 23 00-0125 | EA | 3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 252.02 | 33.14 |
| | | *For True Union Socket Or Thread Type, Add* | *43.64* | |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| 23 05 23 00-0126 | EA | 4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve | 354.46 | 37.42 |
| | | *For True Union Socket Or Thread Type, Add* | *76.76* | |
| | | *For Work In Restricted Working Space, Add* | *56.14* | |

### 23 05 23 00-0127 Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0090)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0128 | EA | 1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 88.09 | 17.42 |
| | | *For Full Port, Add* | *16.82* | |
| | | *For Work In Restricted Working Space, Add* | *15.22* | |
| 23 05 23 00-0129 | EA | 3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 90.76 | 17.42 |
| | | *For Full Port, Add* | *16.82* | |
| | | *For Work In Restricted Working Space, Add* | *16.02* | |
| 23 05 23 00-0130 | EA | 1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 93.55 | 17.42 |
| | | *For Full Port, Add* | *16.82* | |
| | | *For Work In Restricted Working Space, Add* | *16.85* | |
| 23 05 23 00-0131 | EA | 3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 115.35 | 19.16 |
| | | *For Full Port, Add* | *17.83* | |
| | | *For Work In Restricted Working Space, Add* | *22.72* | |
| 23 05 23 00-0132 | EA | 1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 150.37 | 21.77 |
| | | *For Full Port, Add* | *26.41* | |
| | | *For Work In Restricted Working Space, Add* | *27.50* | |
| 23 05 23 00-0133 | EA | 1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 196.44 | 23.17 |
| | | *For Full Port, Add* | *36.15* | |
| | | *For Work In Restricted Working Space, Add* | *34.83* | |
| 23 05 23 00-0134 | EA | 1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 240.79 | 26.82 |
| | | *For Full Port, Add* | *48.06* | |
| | | *For Work In Restricted Working Space, Add* | *40.19* | |
| 23 05 23 00-0135 | EA | 2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 332.16 | 31.70 |
| | | *For Full Port, Add* | *78.22* | |
| | | *For Work In Restricted Working Space, Add* | *47.50* | |
| 23 05 23 00-0136 | EA | 2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 635.69 | 42.82 |
| | | *For Full Port, Add* | *189.83* | |
| | | *For Work In Restricted Working Space, Add* | *64.16* | |
| 23 05 23 00-0137 | EA | 3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve | 916.62 | 49.72 |
| | | *For Full Port, Add* | *301.44* | |
| | | *For Work In Restricted Working Space, Add* | *74.03* | |

### 23 05 23 00-0138 Crimped Bronze, Ball Valves *(23 05 23 00-0090)*

### 23 05 23 00-0139 Crimped Bronze, 250 PSI, Ball Valves *(23 05 23 00-0138)*

Note: Nibco®

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0140 | EA | 1/2" Crimped Bronze, 250 PSI, Ball Valve | 81.54 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |
| 23 05 23 00-0141 | EA | 3/4" Crimped Bronze, 250 PSI, Ball Valve | 105.26 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *8.93* | |
| 23 05 23 00-0142 | EA | 1" Crimped Bronze, 250 PSI, Ball Valve | 134.95 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *10.67* | |
| 23 05 23 00-0143 | EA | 1-1/4" Crimped Bronze, 250 PSI, Ball Valve | 216.95 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *11.76* | |
| 23 05 23 00-0144 | EA | 1-1/2" Crimped Bronze, 250 PSI, Ball Valve | 286.27 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *13.07* | |
| 23 05 23 00-0145 | EA | 2" Crimped Bronze, 250 PSI, Ball Valve | 430.67 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |

### 23 05 23 00-0146 Crimped Bronze, 200 PSI, Full Port Ball Valves *(23 05 23 00-0138)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0147 | EA | 1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve | 53.81 | 11.61 |
| 23 05 23 00-0148 | EA | 3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve | 68.65 | 12.78 |
| 23 05 23 00-0149 | EA | 1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve | 83.45 | 14.52 |
| 23 05 23 00-0150 | EA | 1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve | 117.01 | 15.45 |
| 23 05 23 00-0151 | EA | 1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve | 151.29 | 17.88 |
| 23 05 23 00-0152 | EA | 2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve | 224.35 | 21.13 |

### 23 05 23 00-0153 Crimped Bronze, 250 PSI, Full Port Ball Valves *(23 05 23 00-0138)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0154 | EA | 1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve | 62.04 | 11.61 |
| 23 05 23 00-0155 | EA | 3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve | 74.64 | 12.78 |
| 23 05 23 00-0156 | EA | 1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve | 93.02 | 14.52 |
| 23 05 23 00-0157 | EA | 1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve | 146.93 | 15.45 |
| 23 05 23 00-0158 | EA | 1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve | 215.64 | 17.88 |
| 23 05 23 00-0159 | EA | 2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve | 299.16 | 21.13 |

### 23 05 23 00-0160 Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves *(23 05 23 00-0138)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0161 | EA | 1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve | 59.80 | 11.61 |
| 23 05 23 00-0162 | EA | 3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve | 72.55 | 12.78 |
| 23 05 23 00-0163 | EA | 1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve | 88.23 | 14.52 |
| 23 05 23 00-0164 | | Globe Valves *(23 05 23)* | | |
| 23 05 23 00-0165 | | Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves *(23 05 23 00-0164)* | | |
| 23 05 23 00-0166 | EA | 1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 72.52 | 11.61 |
| | | *For 150 LB Rating, Add* | *10.87* | |
| | | *For 200 LB Rating, Add* | *13.32* | |
| | | *For 250 LB Rating, Add* | *15.78* | |
| | | *For 300 LB Rating, Add* | *19.28* | |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0167 | EA | 1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 68.87 | 11.61 |
| | | *For 150 LB Rating, Add* | *10.87* | |
| | | *For 200 LB Rating, Add* | *13.32* | |
| | | *For 250 LB Rating, Add* | *15.78* | |
| | | *For 300 LB Rating, Add* | *19.28* | |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| 23 05 23 00-0168 | EA | 3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 87.93 | 11.61 |
| | | *For 150 LB Rating, Add* | *16.23* | |
| | | *For 200 LB Rating, Add* | *19.89* | |
| | | *For 250 LB Rating, Add* | *23.55* | |
| | | *For 300 LB Rating, Add* | *28.79* | |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 23 05 23 00-0169 | EA | 1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 89.80 | 11.61 |
| | | *For 150 LB Rating, Add* | *16.23* | |
| | | *For 200 LB Rating, Add* | *19.89* | |
| | | *For 250 LB Rating, Add* | *23.55* | |
| | | *For 300 LB Rating, Add* | *28.79* | |
| | | *For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add* | *72.56* | |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0170 | EA | 3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 107.21 | 12.19 |
| | | *For 150 LB Rating, Add* | *17.59* | |
| | | *For 200 LB Rating, Add* | *21.56* | |
| | | *For 250 LB Rating, Add* | *25.53* | |
| | | *For 300 LB Rating, Add* | *31.20* | |
| | | *For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add* | *82.60* | |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0171 | EA | 1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 137.80 | 12.19 |
| | | *For 150 LB Rating, Add* | *23.77* | |
| | | *For 200 LB Rating, Add* | *29.14* | |
| | | *For 250 LB Rating, Add* | *34.51* | |
| | | *For 300 LB Rating, Add* | *42.17* | |
| | | *For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add* | *108.80* | |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0172 | EA | 1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 209.84 | 15.45 |
| | | *For 150 LB Rating, Add* | *41.05* | |
| | | *For 200 LB Rating, Add* | *50.32* | |
| | | *For 250 LB Rating, Add* | *59.59* | |
| | | *For 300 LB Rating, Add* | *72.84* | |
| | | *For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add* | *176.64* | |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0173 | EA | 1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 278.59 | 17.88 |
| | | *For 150 LB Rating, Add* | *58.67* | |
| | | *For 200 LB Rating, Add* | *71.92* | |
| | | *For 250 LB Rating, Add* | *85.17* | |
| | | *For 300 LB Rating, Add* | *104.10* | |
| | | *For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add* | *243.93* | |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0174 | EA | 2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 328.06 | 21.13 |
| | | *For 150 LB Rating, Add* | *68.98* | |
| | | *For 200 LB Rating, Add* | *84.55* | |
| | | *For 250 LB Rating, Add* | *100.13* | |
| | | *For 300 LB Rating, Add* | *122.38* | |
| | | *For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add* | *286.97* | |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| 23 05 23 00-0175 | EA | 2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve | 366.90 | 28.55 |
| | | *For 150 LB Rating, Add* | *69.54* | |
| | | *For 200 LB Rating, Add* | *85.25* | |
| | | *For 250 LB Rating, Add* | *100.95* | |
| | | *For 300 LB Rating, Add* | *123.38* | |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| 23 05 23 00-0176 | EA | 3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB | 667.09 | 33.14 |
| | | *For 150 LB Rating, Add* | *155.80* | |
| | | *For 200 LB Rating, Add* | *190.98* | |
| | | *For 250 LB Rating, Add* | *226.17* | |
| | | *For 300 LB Rating, Add* | *276.42* | |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| 23 05 23 00-0177 | | Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0164)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0178 | EA | 2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 496.48 | 21.13 |
| | | *For 150 LB Rating, Add* | *121.19* | |
| | | *For 200 LB Rating, Add* | *148.55* | |
| | | *For 250 LB Rating, Add* | *175.91* | |
| | | *For 300 LB Rating, Add* | *215.01* | |
| | | *For Chain Operated Type, Add* | *326.42* | |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| 23 05 23 00-0179 | EA | 2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 616.41 | 28.55 |
| | | *For 150 LB Rating, Add* | *146.89* | |
| | | *For 200 LB Rating, Add* | *180.06* | |
| | | *For 250 LB Rating, Add* | *213.23* | |
| | | *For 300 LB Rating, Add* | *260.61* | |
| | | *For Chain Operated Type, Add* | *395.66* | |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| 23 05 23 00-0180 | EA | 3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 733.11 | 33.14 |
| | | *For 150 LB Rating, Add* | *176.27* | |
| | | *For 200 LB Rating, Add* | *216.07* | |
| | | *For 250 LB Rating, Add* | *255.87* | |
| | | *For 300 LB Rating, Add* | *312.74* | |
| | | *For Chain Operated Type, Add* | *474.79* | |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| 23 05 23 00-0181 | EA | 4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 945.22 | 37.42 |
| | | *For 150 LB Rating, Add* | *235.03* | |
| | | *For 200 LB Rating, Add* | *288.10* | |
| | | *For 250 LB Rating, Add* | *341.17* | |
| | | *For 300 LB Rating, Add* | *416.98* | |
| | | *For Chain Operated Type, Add* | *633.06* | |
| | | *For Work In Restricted Working Space, Add* | *56.12* | |
| 23 05 23 00-0182 | | Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0164)* | | |
| 23 05 23 00-0183 | EA | 2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 410.76 | 154.79 |
| | | *For 150 LB Rating, Add* | *67.34* | |
| | | *For 250 LB Rating, Add* | *97.76* | |
| | | *For Chain Operated Type, Add* | *108.62* | |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| 23 05 23 00-0184 | EA | 2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 459.24 | 155.04 |
| | | *For 150 LB Rating, Add* | *82.10* | |
| | | *For 250 LB Rating, Add* | *119.17* | |
| | | *For Chain Operated Type, Add* | *132.42* | |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| 23 05 23 00-0185 | EA | 3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 545.29 | 181.78 |
| | | *For 150 LB Rating, Add* | *98.51* | |
| | | *For 250 LB Rating, Add* | *143.01* | |
| | | *For Chain Operated Type, Add* | *158.90* | |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| 23 05 23 00-0186 | EA | 4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 805.60 | 304.73 |
| | | *For 150 LB Rating, Add* | *131.35* | |
| | | *For 250 LB Rating, Add* | *190.67* | |
| | | *For Chain Operated Type, Add* | *211.86* | |
| | | *For Work In Restricted Working Space, Add* | *114.56* | |
| 23 05 23 00-0187 | EA | 5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 978.00 | 311.49 |
| | | *For 150 LB Rating, Add* | *182.66* | |
| | | *For 250 LB Rating, Add* | *265.16* | |
| | | *For Chain Operated Type, Add* | *294.62* | |
| | | *For Work In Restricted Working Space, Add* | *116.63* | |
| 23 05 23 00-0188 | EA | 6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 1,179.01 | 346.10 |
| | | *For 150 LB Rating, Add* | *230.90* | |
| | | *For 250 LB Rating, Add* | *335.17* | |
| | | *For Chain Operated Type, Add* | *372.42* | |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| 23 05 23 00-0189 | EA | 8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 1,694.74 | 442.24 |
| | | *For 150 LB Rating, Add* | *355.07* | |
| | | *For 250 LB Rating, Add* | *515.42* | |
| | | *For Chain Operated Type, Add* | *572.69* | |
| | | *For Work In Restricted Working Space, Add* | *164.81* | |
| 23 05 23 00-0190 | EA | 10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 2,417.52 | 538.38 |
| | | *For 150 LB Rating, Add* | *540.81* | |
| | | *For 250 LB Rating, Add* | *785.05* | |
| | | *For Chain Operated Type, Add* | *872.28* | |
| | | *For Work In Restricted Working Space, Add* | *201.89* | |
| 23 05 23 00-0191 | EA | 12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve | 4,116.88 | 653.74 |
| | | *For 150 LB Rating, Add* | *1,023.36* | |
| | | *For 250 LB Rating, Add* | *1,485.52* | |
| | | *For Chain Operated Type, Add* | *1,650.58* | |
| | | *For Work In Restricted Working Space, Add* | *244.72* | |
| 23 05 23 00-0192 | | Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves *(23 05 23 00-0164)* | | |
| 23 05 23 00-0193 | EA | 1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 64.02 | 11.61 |
| | | *For 150 LB Rating, Add* | *8.23* | |
| | | *For 200 LB Rating, Add* | *10.09* | |
| | | *For 300 LB Rating, Add* | *14.61* | |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0194 | EA | 1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 60.37 | 11.61 |
| | | *For 150 LB Rating, Add* | *8.23* | |
| | | *For 200 LB Rating, Add* | *10.09* | |
| | | *For 300 LB Rating, Add* | *14.61* | |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| 23 05 23 00-0195 | EA | 3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 62.15 | 11.61 |
| | | *For 150 LB Rating, Add* | *8.23* | |
| | | *For 200 LB Rating, Add* | *10.09* | |
| | | *For 300 LB Rating, Add* | *14.61* | |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 23 05 23 00-0196 | EA | 1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 65.79 | 11.61 |
| | | *For 150 LB Rating, Add* | *8.78* | |
| | | *For 200 LB Rating, Add* | *10.77* | |
| | | *For 300 LB Rating, Add* | *15.58* | |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0197 | EA | 3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 89.77 | 12.19 |
| | | *For 150 LB Rating, Add* | *12.18* | |
| | | *For 200 LB Rating, Add* | *14.93* | |
| | | *For 300 LB Rating, Add* | *21.61* | |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0198 | EA | 1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 112.67 | 12.19 |
| | | *For 150 LB Rating, Add* | *15.98* | |
| | | *For 200 LB Rating, Add* | *19.59* | |
| | | *For 300 LB Rating, Add* | *28.35* | |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0199 | EA | 1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 153.99 | 15.45 |
| | | *For 150 LB Rating, Add* | *23.74* | |
| | | *For 200 LB Rating, Add* | *29.10* | |
| | | *For 300 LB Rating, Add* | *42.12* | |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0200 | EA | 1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 178.61 | 17.88 |
| | | *For 150 LB Rating, Add* | *27.68* | |
| | | *For 200 LB Rating, Add* | *33.93* | |
| | | *For 300 LB Rating, Add* | *49.11* | |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0201 | EA | 2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 240.04 | 21.13 |
| | | *For 150 LB Rating, Add* | *41.69* | |
| | | *For 200 LB Rating, Add* | *51.10* | |
| | | *For 300 LB Rating, Add* | *73.96* | |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| 23 05 23 00-0202 | EA | 2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 397.40 | 31.00 |
| | | *For 150 LB Rating, Add* | *75.20* | |
| | | *For 200 LB Rating, Add* | *92.18* | |
| | | *For 300 LB Rating, Add* | *133.42* | |
| | | *For Work In Restricted Working Space, Add* | *46.45* | |
| 23 05 23 00-0203 | EA | 3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve | 589.46 | 36.00 |
| | | *For 150 LB Rating, Add* | *127.35* | |
| | | *For 200 LB Rating, Add* | *156.11* | |
| | | *For 300 LB Rating, Add* | *225.95* | |
| | | *For Work In Restricted Working Space, Add* | *53.59* | |

### 23 05 23 00-0204 Flanged, 125 LB, Iron Body, Angle Globe Valves *(23 05 23 00-0164)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0205 | EA | 2" Flanged, 125 LB, Iron Body, Angle Globe Valve | 752.44 | 154.79 |
| | | *For 250 LB Rating, Add* | *335.35* | |
| | | *For Chain Operated Type, Add* | *217.98* | |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| 23 05 23 00-0206 | EA | 2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve | 855.43 | 155.04 |
| | | *For 250 LB Rating, Add* | *396.61* | |
| | | *For Chain Operated Type, Add* | *257.80* | |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| 23 05 23 00-0207 | EA | 3" Flanged, 125 LB, Iron Body, Angle Globe Valve | 1,006.47 | 181.78 |
| | | *For 250 LB Rating, Add* | *467.38* | |
| | | *For Chain Operated Type, Add* | *303.80* | |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| 23 05 23 00-0208 | EA | 4" Flanged, 125 LB, Iron Body, Angle Globe Valve | 1,494.47 | 304.73 |
| | | *For 250 LB Rating, Add* | *667.55* | |
| | | *For Chain Operated Type, Add* | *433.91* | |
| | | *For Work In Restricted Working Space, Add* | *114.56* | |
| 23 05 23 00-0209 | EA | 5" Flanged, 125 LB, Iron Body, Angle Globe Valve | 2,382.72 | 311.49 |
| | | *For 250 LB Rating, Add* | *1,196.38* | |
| | | *For Chain Operated Type, Add* | *777.64* | |
| | | *For Work In Restricted Working Space, Add* | *116.63* | |
| 23 05 23 00-0210 | EA | 6" Flanged, 125 LB, Iron Body, Angle Globe Valve | 2,428.14 | 346.10 |
| | | *For 250 LB Rating, Add* | *1,196.38* | |
| | | *For Chain Operated Type, Add* | *777.64* | |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| 23 05 23 00-0211 | EA | 8" Flanged, 125 LB, Iron Body, Angle Globe Valve | 4,451.94 | 442.24 |
| | | *For 250 LB Rating, Add* | *2,341.55* | |
| | | *For Chain Operated Type, Add* | *1,522.01* | |
| | | *For Work In Restricted Working Space, Add* | *164.81* | |

### 23 05 23 00-0212 Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves *(23 05 23 00-0164)*

Note: 800 PSIG at 850 degrees F.

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0213 | EA | 1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve | 203.70 | 18.81 |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| 23 05 23 00-0214 | EA | 1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve | 207.35 | 18.81 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0215 | EA | 3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve | 243.76 | 25.31 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0216 | EA | 1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve | 301.16 | 30.54 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0217 | EA | 1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve | 488.90 | 38.66 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0218 | EA | 1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve | 586.54 | 44.70 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0219 | EA | 2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve | 746.17 | 52.83 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |

## 23 05 23 00-0220 Triple Duty Valves *(23 05 23)*

Note: Valves function as a shut-off, check valve and calibrated balancing valve.

### 23 05 23 00-0221 Straight Pattern, Triple Duty Valves *(23 05 23 00-0220)*

Note: Bell & Gossett 3DX and 3DS-S Series.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0222 | EA | 1" Threaded, Straight Pattern, Triple Duty Valve | 306.94 | 12.19 |
| 23 05 23 00-0223 | EA | 1-1/4" Threaded, Straight Pattern, Triple Duty Valve | 355.67 | 15.45 |
| 23 05 23 00-0224 | EA | 1-1/2" Threaded, Straight Pattern, Triple Duty Valve | 386.18 | 17.88 |
| 23 05 23 00-0225 | EA | 2" Flanged, Straight Pattern, Triple Duty Valve | 1,000.70 | 154.79 |
| 23 05 23 00-0226 | EA | 2-1/2" Flanged, Straight Pattern, Triple Duty Valve | 1,126.84 | 155.04 |
| 23 05 23 00-0227 | EA | 3" Flanged, Straight Pattern, Triple Duty Valve | 1,234.15 | 181.78 |
| 23 05 23 00-0228 | EA | 4" Flanged, Straight Pattern, Triple Duty Valve | 2,525.08 | 304.73 |
| 23 05 23 00-0229 | EA | 5" Flanged, Straight Pattern Triple Duty Valve | 2,916.99 | 311.49 |
| 23 05 23 00-0230 | EA | 6" Flanged, Straight Pattern, Triple Duty Valve | 3,885.57 | 346.10 |
| 23 05 23 00-0231 | EA | 8" Flanged, Straight Pattern, Triple Duty Valve | 5,234.71 | 442.24 |
| 23 05 23 00-0232 | EA | 10" Flanged, Straight Pattern, Triple Duty Valve | 8,410.76 | 538.38 |

### 23 05 23 00-0233 Flanged, Angle Pattern, Triple Duty Valves *(23 05 23 00-0220)*

Note: Bell & Gossett 3D-S Series.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0234 | EA | 2" Flanged, Angle Pattern, Triple Duty Valve | 977.50 | 154.79 |
| 23 05 23 00-0235 | EA | 2-1/2" Flanged, Angle Pattern, Triple Duty Valve | 1,099.01 | 155.04 |
| 23 05 23 00-0236 | EA | 3" Flanged, Angle Pattern, Triple Duty Valve | 1,210.96 | 181.78 |
| 23 05 23 00-0237 | EA | 4" Flanged, Angle Pattern, Triple Duty Valve | 2,464.77 | 304.73 |
| 23 05 23 00-0238 | EA | 5" Flanged, Angle Pattern, Triple Duty Valve | 2,842.77 | 311.49 |
| 23 05 23 00-0239 | EA | 6" Flanged, Angle Pattern, Triple Duty Valve | 3,189.72 | 346.10 |
| 23 05 23 00-0240 | EA | 8" Flanged, Angle Pattern, Triple Duty Valve | 4,905.34 | 442.24 |
| 23 05 23 00-0241 | EA | 10" Flanged, Angle Pattern, Triple Duty Valve | 6,559.81 | 538.38 |

### 23 05 23 00-0242 Balanced, Straight Pattern, Triple Duty Valves *(23 05 23 00-0220)*

Note: Bell & Gossett 3DS-B Series.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0243 | EA | 3" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 1,132.10 | 181.78 |
| 23 05 23 00-0244 | EA | 4" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 2,256.02 | 304.73 |
| 23 05 23 00-0245 | EA | 5" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 2,606.18 | 311.49 |
| 23 05 23 00-0246 | EA | 6" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 3,463.42 | 346.10 |
| 23 05 23 00-0247 | EA | 8" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 4,659.48 | 442.24 |
| 23 05 23 00-0248 | EA | 10" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 7,450.49 | 538.38 |
| 23 05 23 00-0249 | EA | 12" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 11,225.69 | 653.74 |
| 23 05 23 00-0250 | EA | 14" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 13,646.04 | 769.11 |
| 23 05 23 00-0251 | EA | 16" Flanged, Balanced, Straight Pattern, Triple Duty Valve | 17,104.62 | 846.02 |

### 23 05 23 00-0252 Grooved Straight Pattern, Triple Duty Valves *(23 05 23 00-0220)*

Note: Bell & Gossett 3DS-G Series.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0253 | EA | 2" Grooved, Straight Pattern, Triple Duty Valve | 1,062.95 | 28.68 |
| 23 05 23 00-0254 | EA | 2-1/2" Grooved, Straight Pattern, Triple Duty Valve | 1,267.06 | 34.22 |
| 23 05 23 00-0255 | EA | 3" Grooved, Straight Pattern, Triple Duty Valve | 1,475.13 | 37.10 |
| 23 05 23 00-0256 | EA | 4" Grooved, Straight Pattern, Triple Duty Valve | 2,449.47 | 39.99 |
| 23 05 23 00-0257 | EA | 5" Grooved, Straight Pattern, Triple Duty Valve | 2,833.25 | 49.03 |
| 23 05 23 00-0258 | EA | 6" Grooved, Straight Pattern Triple Duty Valve | 3,777.54 | 62.87 |
| 23 05 23 00-0259 | EA | 8" Grooved, Straight Pattern Triple Duty Valve | 5,138.56 | 79.80 |
| 23 05 23 00-0260 | EA | 10" Grooved, Straight Pattern Triple Duty Valve | 8,113.61 | 89.41 |
| 23 05 23 00-0261 | EA | 12" Grooved, Straight Pattern Triple Duty Valve | 12,886.75 | 109.02 |

## 23 05 23 00-0262 Plug Valves *(23 05 23)*

### 23 05 23 00-0263 Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated *(23 05 23 00-0262)*

Note: Includes wrench.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0264 | EA | 1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench | 285.96 | 11.61 |
| 23 05 23 00-0265 | EA | 3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench | 298.98 | 12.78 |
| 23 05 23 00-0266 | EA | 1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench | 378.09 | 14.52 |
| 23 05 23 00-0267 | EA | 1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench | 452.70 | 15.45 |
| 23 05 23 00-0268 | EA | 1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench | 497.58 | 17.88 |
| 23 05 23 00-0269 | EA | 2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench | 587.35 | 21.13 |
| 23 05 23 00-0270 | EA | 2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench | 880.47 | 28.55 |
| 23 05 23 00-0271 | EA | 3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench | 1,077.37 | 33.14 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0272 | | Plug Valves, Lubricated, Semisteel Flanged *(23 05 23 00-0262)* | | |
| | | Note: Wrench operated for 4", gear operated for 6" and 10". | | |
| 23 05 23 00-0273 | EA | 2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench | 425.51 | 154.79 |
| 23 05 23 00-0274 | EA | 2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench | 499.99 | 155.04 |
| 23 05 23 00-0275 | EA | 3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench | 611.48 | 181.78 |
| 23 05 23 00-0276 | EA | 4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench | 901.85 | 304.73 |
| 23 05 23 00-0277 | EA | 6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench | 1,821.29 | 346.10 |
| 23 05 23 00-0278 | EA | 8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench | 3,048.40 | 442.24 |
| 23 05 23 00-0279 | EA | 10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench | 4,837.51 | 538.38 |
| 23 05 23 00-0280 | EA | 12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench | 7,136.92 | 653.74 |
| 23 05 23 00-0281 | | Plug Valves, Forged Steel, Screwed *(23 05 23 00-0262)* | | |
| 23 05 23 00-0282 | EA | 1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed | 1,100.40 | 11.61 |
| 23 05 23 00-0283 | EA | 3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed | 1,300.18 | 12.78 |
| 23 05 23 00-0284 | EA | 1" Plug Valve, 1,500 LB, Forged Steel, Screwed | 1,469.92 | 14.52 |
| 23 05 23 00-0285 | EA | 1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed | 1,763.67 | 15.45 |
| 23 05 23 00-0286 | EA | 1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed | 2,053.80 | 17.88 |
| 23 05 23 00-0287 | EA | 2" Plug Valve, 1,500 LB, Forged Steel, Screwed | 2,701.81 | 21.13 |
| 23 05 23 00-0288 | | Plug Valves, Eccentric, Cast Iron Flanged *(23 05 23 00-0262)* | | |
| 23 05 23 00-0289 | EA | 4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI | 1,068.50 | 304.73 |
| 23 05 23 00-0290 | EA | 6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI | 1,611.56 | 346.10 |
| 23 05 23 00-0291 | EA | 8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI | 2,190.50 | 442.24 |
| 23 05 23 00-0292 | EA | 10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI | 3,102.04 | 538.38 |
| 23 05 23 00-0293 | EA | 12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI | 4,003.44 | 653.74 |
| 23 05 23 00-0294 | | Foot Valves *(23 05 23)* | | |
| 23 05 23 00-0295 | | Single Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0294)* | | |
| 23 05 23 00-0296 | EA | 1" Single Poppet Foot Valve, Metal To Metal Seat Construction | 94.85 | 29.04 |
| 23 05 23 00-0297 | EA | 1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction | 107.86 | 32.52 |
| 23 05 23 00-0298 | EA | 1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction | 138.16 | 37.17 |
| 23 05 23 00-0299 | EA | 2" Single Poppet Foot Valve, Metal To Metal Seat Construction | 181.64 | 41.82 |
| 23 05 23 00-0300 | EA | 2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction | 413.60 | 68.53 |
| 23 05 23 00-0301 | EA | 3" Single Poppet Foot Valve, Metal To Metal Seat Construction | 528.73 | 83.63 |
| 23 05 23 00-0302 | | Double Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0294)* | | |
| 23 05 23 00-0303 | EA | 1" Double Poppet Foot Valve, Metal To Metal Seat Construction | 94.85 | 29.04 |
| 23 05 23 00-0304 | EA | 1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction | 202.34 | 32.52 |
| 23 05 23 00-0305 | EA | 1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction | 192.66 | 37.17 |
| 23 05 23 00-0306 | EA | 2" Double Poppet Foot Valve, Metal To Metal Seat Construction | 261.55 | 41.82 |
| 23 05 23 00-0307 | EA | 3" Double Poppet Foot Valve, Metal To Metal Seat Construction | 512.67 | 68.53 |
| 23 05 23 00-0308 | EA | 4" Double Poppet Foot Valve, Metal To Metal Seat Construction | 696.83 | 82.48 |
| 23 05 23 00-0309 | | Float Valves *(23 05 23)* | | |
| 23 05 23 00-0310 | | Float Valve Assembly For Maintaining Liquid Level In Tanks *(23 05 23 00-0309)* | | |
| 23 05 23 00-0311 | | Single Seat, Bronze Construction *(23 05 23 00-0310)* | | |
| | | Note: For storage tanks, reservoirs, cooling towers and filtration plants. | | |
| 23 05 23 00-0312 | EA | Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve | 219.59 | 24.39 |
| 23 05 23 00-0313 | EA | Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve | 251.73 | 29.03 |
| 23 05 23 00-0314 | EA | Inlet Size 1", Maximum PSI 100, Single Seat Float Valve | 326.48 | 31.35 |
| 23 05 23 00-0315 | EA | Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve | 544.49 | 39.48 |
| 23 05 23 00-0316 | EA | Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve | 556.11 | 45.29 |
| 23 05 23 00-0317 | | Double Seat, Bronze Construction *(23 05 23 00-0310)* | | |
| | | Note: For hot or cold water or oil to open tanks. | | |
| 23 05 23 00-0318 | EA | Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve | 1,175.94 | 24.39 |
| 23 05 23 00-0319 | EA | Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve | 1,185.23 | 29.03 |
| 23 05 23 00-0320 | EA | Pipe Size 1" Maximum PSI 150, Double Seat Float Valve | 1,368.04 | 31.35 |
| 23 05 23 00-0321 | EA | Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve | 1,512.38 | 39.48 |
| 23 05 23 00-0322 | EA | Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve | 1,728.94 | 45.29 |
| 23 05 23 00-0323 | EA | Pipe Size 2" Maximum PSI 150, Double Seat Float Valve | 2,267.80 | 53.41 |
| 23 05 23 00-0324 | EA | Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve | 2,637.37 | 71.64 |
| 23 05 23 00-0325 | EA | Pipe Size 3" Maximum PSI 150, Double Seat Float Valve | 3,172.17 | 82.33 |
| 23 05 23 00-0326 | | Float Valve Single Seated Balanced For Air Oil Or Water *(23 05 23 00-0309)* | | |
| | | Note: Includes arm, ball and bracket. | | |
| 23 05 23 00-0327 | | Brass Body Threaded Ends *(23 05 23 00-0326)* | | |
| 23 05 23 00-0328 | EA | 1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket | 232.60 | 31.46 |
| 23 05 23 00-0329 | EA | 3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket | 262.93 | 34.95 |
| 23 05 23 00-0330 | EA | 1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket | 325.31 | 38.66 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0331 | EA | 1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket | 520.02 | 62.47 |
| 23 05 23 00-0332 | EA | 1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket | 545.09 | 71.18 |
| 23 05 23 00-0333 | EA | 2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket | 614.35 | 88.25 |
| 23 05 23 00-0334 | | Cast Iron Body Flanged *(23 05 23 00-0326)* | | |
| 23 05 23 00-0335 | EA | 2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket | 7,397.55 | 155.04 |
| 23 05 23 00-0336 | EA | 3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket | 8,944.68 | 181.78 |
| 23 05 23 00-0337 | | Float Operated Valves *(23 05 23 00-0309)* | | |
| 23 05 23 00-0338 | | For Condensate Receivers Tanks And Vessels *(23 05 23 00-0337)* | | |
| | | Note: Cast iron body, self-contained, float in-line mount. | | |
| 23 05 23 00-0339 | EA | 1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket | 826.34 | 54.57 |
| 23 05 23 00-0340 | | For Condensate Receivers Tanks And Vessels *(23 05 23 00-0337)* | | |
| | | Note: Cast iron body, external float tank mount, flanged. | | |
| 23 05 23 00-0341 | EA | 3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket | 1,041.37 | 101.58 |
| 23 05 23 00-0342 | | Needle Valves *(23 05 23)* | | |
| 23 05 23 00-0343 | | Bronze Needle Valve *(23 05 23 00-0342)* | | |
| | | Note: For heating and cooling applications. | | |
| 23 05 23 00-0344 | EA | 1/4" Needle Valve, Bronze | 114.56 | 11.61 |
| 23 05 23 00-0345 | EA | 3/8" Needle Valve, Bronze | 127.71 | 11.61 |
| 23 05 23 00-0346 | EA | 1/2" Needle Valve, Bronze | 139.67 | 11.61 |
| 23 05 23 00-0347 | EA | 3/4" Needle Valve, Bronze | 211.92 | 12.78 |
| 23 05 23 00-0348 | EA | 1" Needle Valve, Bronze | 324.47 | 14.52 |
| 23 05 23 00-0349 | | Eccentric Valves With Taps *(23 05 23)* | | |
| 23 05 23 00-0350 | | Screwed Eccentric Valves With Taps *(23 05 23 00-0349)* | | |
| 23 05 23 00-0351 | EA | 1/2" Diameter Eccentric Valves With Taps, Screwed | 221.02 | 11.61 |
| 23 05 23 00-0352 | EA | 3/4" Diameter Eccentric Valves With Taps, Screwed | 236.86 | 12.78 |
| 23 05 23 00-0353 | EA | 1" Diameter Eccentric Valves With Taps, Screwed | 298.34 | 14.52 |
| 23 05 23 00-0354 | EA | 1-1/4" Diameter Eccentric Valves With Taps, Screwed | 362.63 | 15.45 |
| 23 05 23 00-0355 | EA | 1-1/2" Diameter Eccentric Valves With Taps, Screwed | 397.14 | 17.88 |
| 23 05 23 00-0356 | EA | 2" Diameter Eccentric Valves With Taps, Screwed | 467.03 | 21.13 |
| 23 05 23 00-0357 | EA | 2-1/2" Diameter Eccentric Valves With Taps, Screwed | 701.72 | 28.55 |
| 23 05 23 00-0358 | EA | 3" Diameter Eccentric Valves With Taps, Screwed | 850.73 | 33.14 |
| 23 05 23 00-0359 | | Flanged Eccentric Valves With Taps *(23 05 23 00-0349)* | | |
| 23 05 23 00-0360 | EA | 2-1/2" Diameter Eccentric Valves With Taps, Flanged | 858.05 | 155.04 |
| 23 05 23 00-0361 | EA | 3" Diameter Eccentric Valves With Taps, Flanged | 1,018.22 | 181.78 |
| 23 05 23 00-0362 | EA | 4" Diameter Eccentric Valves With Taps, Flanged | 1,384.40 | 304.73 |
| 23 05 23 00-0363 | EA | 5" Diameter Eccentric Valves With Taps, Flanged | 1,800.76 | 311.49 |
| 23 05 23 00-0364 | EA | 6" Diameter Eccentric Valves With Taps, Flanged | 2,269.78 | 346.10 |
| 23 05 23 00-0365 | EA | 8" Diameter Eccentric Valves With Taps, Flanged | 3,867.56 | 442.24 |
| 23 05 23 00-0366 | EA | 10" Diameter Eccentric Valves With Taps, Flanged | 5,403.17 | 538.38 |
| 23 05 23 00-0367 | EA | 12" Diameter Eccentric Valves With Taps, Flanged | 9,217.12 | 653.74 |
| 23 05 23 00-0368 | | Check Valves *(23 05 23)* | | |
| 23 05 23 00-0369 | | Iron Body Wafer Type Check Valve *(23 05 23 00-0368)* | | |
| 23 05 23 00-0370 | | Single Disk Type *(23 05 23 00-0369)* | | |
| 23 05 23 00-0371 | EA | 2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB | 464.22 | 154.85 |
| | | *For 150 LB Rating, Add* | *56.83* | |
| | | *For 200 LB Rating, Add* | *67.66* | |
| | | *For 300 LB Rating, Add* | *81.19* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *160.50* | |
| 23 05 23 00-0372 | EA | 2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB | 549.07 | 155.13 |
| | | *For 150 LB Rating, Add* | *74.46* | |
| | | *For 200 LB Rating, Add* | *88.64* | |
| | | *For 300 LB Rating, Add* | *106.37* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *198.45* | |
| 23 05 23 00-0373 | EA | 3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB | 675.78 | 181.88 |
| | | *For 150 LB Rating, Add* | *94.11* | |
| | | *For 200 LB Rating, Add* | *112.04* | |
| | | *For 300 LB Rating, Add* | *134.45* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *247.20* | |
| 23 05 23 00-0374 | EA | 4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB | 989.09 | 304.90 |
| | | *For 150 LB Rating, Add* | *127.47* | |
| | | *For 200 LB Rating, Add* | *151.75* | |
| | | *For 300 LB Rating, Add* | *182.10* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *349.57* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0375 | EA | 6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB | 1,485.69 | 427.94 |
| | | *For 150 LB Rating, Add* | *199.66* | |
| | | *For 200 LB Rating, Add* | *237.70* | |
| | | *For 300 LB Rating, Add* | *285.23* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *534.83* | |
| 23 05 23 00-0376 | EA | 8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB | 2,072.01 | 492.13 |
| | | *For 150 LB Rating, Add* | *306.41* | |
| | | *For 200 LB Rating, Add* | *364.77* | |
| | | *For 300 LB Rating, Add* | *437.72* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *779.17* | |
| 23 05 23 00-0377 | EA | 10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB | 3,084.81 | 599.11 |
| | | *For 150 LB Rating, Add* | *489.39* | |
| | | *For 200 LB Rating, Add* | *582.61* | |
| | | *For 300 LB Rating, Add* | *699.13* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *1,199.57* | |

### 23 05 23 00-0378 Twin Disc Type *(23 05 23 00-0369)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0379 | EA | 2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 585.10 | 154.85 |
| | | *For 150 LB Rating, Add* | *82.22* | |
| | | *For 200 LB Rating, Add* | *97.88* | |
| | | *For 300 LB Rating, Add* | *117.45* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *214.90* | |
| 23 05 23 00-0380 | EA | 2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 664.36 | 155.13 |
| | | *For 150 LB Rating, Add* | *98.67* | |
| | | *For 200 LB Rating, Add* | *117.46* | |
| | | *For 300 LB Rating, Add* | *140.96* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *250.33* | |
| 23 05 23 00-0381 | EA | 3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 775.82 | 181.88 |
| | | *For 150 LB Rating, Add* | *115.12* | |
| | | *For 200 LB Rating, Add* | *137.05* | |
| | | *For 300 LB Rating, Add* | *164.46* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *292.21* | |
| 23 05 23 00-0382 | EA | 4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 1,078.27 | 304.90 |
| | | *For 150 LB Rating, Add* | *146.20* | |
| | | *For 200 LB Rating, Add* | *174.05* | |
| | | *For 300 LB Rating, Add* | *208.85* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *389.70* | |
| 23 05 23 00-0383 | EA | 6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 1,657.53 | 427.94 |
| | | *For 150 LB Rating, Add* | *235.75* | |
| | | *For 200 LB Rating, Add* | *280.66* | |
| | | *For 300 LB Rating, Add* | *336.79* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *612.16* | |
| 23 05 23 00-0384 | EA | 8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 2,325.76 | 492.13 |
| | | *For 150 LB Rating, Add* | *360.03* | |
| | | *For 200 LB Rating, Add* | *428.61* | |
| | | *For 300 LB Rating, Add* | *514.33* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *893.76* | |
| 23 05 23 00-0385 | EA | 10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 3,464.32 | 588.41 |
| | | *For 150 LB Rating, Add* | *570.18* | |
| | | *For 200 LB Rating, Add* | *678.79* | |
| | | *For 300 LB Rating, Add* | *814.54* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *1,371.65* | |
| 23 05 23 00-0386 | EA | 12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 4,544.33 | 727.49 |
| | | *For 150 LB Rating, Add* | *763.91* | |
| | | *For 200 LB Rating, Add* | *909.42* | |
| | | *For 300 LB Rating, Add* | *1,091.31* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *1,818.29* | |
| 23 05 23 00-0387 | EA | 14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 8,515.81 | 839.03 |
| | | *For 150 LB Rating, Add* | *1,553.39* | |
| | | *For 200 LB Rating, Add* | *1,849.28* | |
| | | *For 300 LB Rating, Add* | *2,219.13* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *3,552.44* | |
| 23 05 23 00-0388 | EA | 16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 11,673.57 | 984.47 |
| | | *For 150 LB Rating, Add* | *2,193.03* | |
| | | *For 200 LB Rating, Add* | *2,610.75* | |
| | | *For 300 LB Rating, Add* | *3,132.89* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *4,945.46* | |
| 23 05 23 00-0389 | EA | 18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 15,546.22 | 1,096.34 |
| | | *For 150 LB Rating, Add* | *2,977.57* | |
| | | *For 200 LB Rating, Add* | *3,544.73* | |
| | | *For 300 LB Rating, Add* | *4,253.67* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *6,653.97* | |
| 23 05 23 00-0390 | EA | 20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 18,494.44 | 1,230.59 |
| | | *For 150 LB Rating, Add* | *3,560.80* | |
| | | *For 200 LB Rating, Add* | *4,239.05* | |
| | | *For 300 LB Rating, Add* | *5,086.86* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *7,937.94* | |
| 23 05 23 00-0391 | EA | 24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB | 24,173.08 | 1,510.27 |
| | | *For 150 LB Rating, Add* | *4,678.77* | |
| | | *For 200 LB Rating, Add* | *5,569.97* | |
| | | *For 300 LB Rating, Add* | *6,683.96* | |
| | | *For 300 LB Rating, Cast Steel, Weld End, Wedge, Add* | *10,404.58* | |

### 23 05 23 00-0392 Lift Check Valves *(23 05 23 00-0368)*

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0393 | | **Bronze Body, Threaded, Vertical Lift Check Valves** *(23 05 23 00-0392)* Note: Watts #600 series. | | |
| 23 05 23 00-0394 | EA | 3/8" Lift Check Valve, Bronze, Threaded | 117.90 | 11.61 |
| 23 05 23 00-0395 | EA | 1/2" Lift Check Valve, Bronze, Threaded | 124.74 | 11.61 |
| 23 05 23 00-0396 | EA | 3/4" Lift Check Valve, Bronze, Threaded | 159.19 | 12.19 |
| 23 05 23 00-0397 | EA | 1" Lift Check Valve, Bronze, Threaded | 209.48 | 12.19 |
| 23 05 23 00-0398 | EA | 1-1/4" Lift Check Valve, Bronze, Threaded | 290.06 | 15.45 |
| 23 05 23 00-0399 | EA | 1-1/2" Lift Check Valve, Bronze, Threaded | 352.63 | 17.88 |
| 23 05 23 00-0400 | EA | 2" Lift Check Valve, Bronze, Threaded | 501.46 | 21.13 |
| 23 05 23 00-0401 | | **Bronze Body, Threaded, 300 LB, Lift Check Valves** *(23 05 23 00-0392)* Note: Crane 366E. | | |
| 23 05 23 00-0402 | EA | 1/2" Lift Check Valve, Bronze, Threaded, 300 LB | 721.10 | 11.61 |
| 23 05 23 00-0403 | EA | 3/4" Lift Check Valve, Bronze, Threaded, 300 LB | 876.15 | 12.19 |
| 23 05 23 00-0404 | EA | 1" Lift Check Valve, Bronze, Threaded, 300 LB | 1,570.47 | 12.19 |
| 23 05 23 00-0405 | EA | 1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB | 2,092.82 | 15.45 |
| 23 05 23 00-0406 | EA | 1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB | 2,273.45 | 17.88 |
| 23 05 23 00-0407 | EA | 2" Lift Check Valve, Bronze, Threaded, 300 LB | 2,920.01 | 21.13 |
| 23 05 23 00-0408 | | **Iron Body, Flanged, 125 LB Vertical Lift Check Valves** *(23 05 23 00-0392)* Note: Mueller 105MAP. | | |
| 23 05 23 00-0409 | EA | 2" Lift Check Valve, Iron Body, Flanged, 125 LB | 1,060.14 | 154.79 |
| 23 05 23 00-0410 | EA | 2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB | 997.18 | 155.04 |
| 23 05 23 00-0411 | EA | 3" Lift Check Valve, Iron Body, Flanged, 125 LB | 1,093.07 | 181.78 |
| 23 05 23 00-0412 | EA | 4" Lift Check Valve, Iron Body, Flanged, 125 LB | 1,545.07 | 304.73 |
| 23 05 23 00-0413 | EA | 5" Lift Check Valve, Iron Body, Flanged, 125 LB | 1,885.07 | 311.49 |
| 23 05 23 00-0414 | EA | 6" Lift Check Valve, Iron Body, Flanged, 125 LB | 2,308.67 | 346.10 |
| 23 05 23 00-0415 | EA | 8" Lift Check Valve, Iron Body, Flanged, 125 LB | 3,980.23 | 442.24 |
| 23 05 23 00-0416 | EA | 10" Lift Check Valve, Iron Body, Flanged, 125 LB | 4,992.61 | 538.38 |
| 23 05 23 00-0417 | EA | 12" Lift Check Valve, Iron Body, Flanged, 125 LB | 8,002.39 | 653.74 |
| 23 05 23 00-0418 | EA | 14" Lift Check Valve, Iron Body, Flanged, 125 LB | 10,921.76 | 904.16 |
| 23 05 23 00-0419 | EA | 16" Lift Check Valve, Iron Body, Flanged, 125 LB | 12,099.67 | 994.57 |
| 23 05 23 00-0420 | | **Bronze Body Swing Check Valves** *(23 05 23 00-0368)* | | |
| 23 05 23 00-0421 | | **Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves** *(23 05 23 00-0420)* | | |
| 23 05 23 00-0422 | EA | 1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 80.67 | 11.61 |
| | | *For 300 LB Rating, Add* | *16.85* | |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0423 | EA | 1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 77.02 | 11.61 |
| | | *For 300 LB Rating, Add* | *16.85* | |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| 23 05 23 00-0424 | EA | 3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 78.80 | 11.61 |
| | | *For 300 LB Rating, Add* | *16.85* | |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 23 05 23 00-0425 | EA | 1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 82.36 | 11.61 |
| | | *For 300 LB Rating, Add* | *17.51* | |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0426 | EA | 3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 104.88 | 12.19 |
| | | *For 300 LB Rating, Add* | *21.22* | |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0427 | EA | 1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 134.99 | 12.19 |
| | | *For 300 LB Rating, Add* | *28.81* | |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0428 | EA | 1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 181.11 | 15.45 |
| | | *For 300 LB Rating, Add* | *40.44* | |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0429 | EA | 1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 234.53 | 17.88 |
| | | *For 300 LB Rating, Add* | *56.63* | |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0430 | EA | 2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 292.26 | 21.13 |
| | | *For 300 LB Rating, Add* | *72.81* | |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| 23 05 23 00-0431 | EA | 2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 571.75 | 28.55 |
| | | *For 300 LB Rating, Add* | *167.38* | |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| 23 05 23 00-0432 | EA | 3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 774.91 | 33.14 |
| | | *For 300 LB Rating, Add* | *238.06* | |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| 23 05 23 00-0433 | EA | 4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB | 877.86 | 37.42 |
| | | *For 300 LB Rating, Add* | *269.39* | |
| | | *For Work In Restricted Working Space, Add* | *56.14* | |
| 23 05 23 00-0434 | | **125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves** *(23 05 23 00-0368)* | | |
| 23 05 23 00-0435 | EA | 1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 338.41 | 87.08 |
| | | *For 150 LB Rating, Add* | *155.62* | |
| | | *For 250 LB Rating, Add* | *297.52* | |
| | | *For Work In Restricted Working Space, Add* | *32.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0436 | EA | 1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 378.35 | 101.60 |
| | | *For 150 LB Rating, Add* | *171.46* | |
| | | *For 250 LB Rating, Add* | *327.78* | |
| | | *For Work In Restricted Working Space, Add* | *37.86* | |
| 23 05 23 00-0437 | EA | 1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 426.25 | 121.92 |
| | | *For 150 LB Rating, Add* | *185.96* | |
| | | *For 250 LB Rating, Add* | *355.51* | |
| | | *For Work In Restricted Working Space, Add* | *45.83* | |
| 23 05 23 00-0438 | EA | 2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 533.17 | 154.79 |
| | | *For 150 LB Rating, Add* | *230.96* | |
| | | *For 250 LB Rating, Add* | *441.55* | |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| 23 05 23 00-0439 | EA | 2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 590.80 | 155.04 |
| | | *For 150 LB Rating, Add* | *269.55* | |
| | | *For 250 LB Rating, Add* | *515.31* | |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| 23 05 23 00-0440 | EA | 3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 658.26 | 181.78 |
| | | *For 150 LB Rating, Add* | *292.92* | |
| | | *For 250 LB Rating, Add* | *559.99* | |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| 23 05 23 00-0441 | EA | 4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 1,047.59 | 304.73 |
| | | *For 150 LB Rating, Add* | *452.68* | |
| | | *For 250 LB Rating, Add* | *865.42* | |
| | | *For Work In Restricted Working Space, Add* | *114.56* | |
| 23 05 23 00-0442 | EA | 5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 1,366.15 | 311.49 |
| | | *For 150 LB Rating, Add* | *664.63* | |
| | | *For 250 LB Rating, Add* | *1,270.61* | |
| | | *For Work In Restricted Working Space, Add* | *116.63* | |
| 23 05 23 00-0443 | EA | 6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 1,567.42 | 346.10 |
| | | *For 150 LB Rating, Add* | *770.60* | |
| | | *For 250 LB Rating, Add* | *1,473.21* | |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| 23 05 23 00-0444 | EA | 8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 3,378.64 | 442.24 |
| | | *For 150 LB Rating, Add* | *1,923.91* | |
| | | *For 250 LB Rating, Add* | *3,678.06* | |
| | | *For Work In Restricted Working Space, Add* | *164.81* | |
| 23 05 23 00-0445 | EA | 10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 4,524.23 | 538.38 |
| | | *For 150 LB Rating, Add* | *2,618.86* | |
| | | *For 250 LB Rating, Add* | *5,006.64* | |
| | | *For Work In Restricted Working Space, Add* | *201.89* | |
| 23 05 23 00-0446 | EA | 12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 6,821.57 | 653.74 |
| | | *For 150 LB Rating, Add* | *4,083.98* | |
| | | *For 250 LB Rating, Add* | *7,807.61* | |
| | | *For Work In Restricted Working Space, Add* | *244.72* | |
| 23 05 23 00-0447 | EA | 14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 7,929.65 | 904.16 |
| | | *For 150 LB Rating, Add* | *4,623.63* | |
| | | *For 250 LB Rating, Add* | *8,839.29* | |
| | | *For Work In Restricted Working Space, Add* | *339.06* | |
| 23 05 23 00-0448 | EA | 16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 11,146.57 | 994.57 |
| | | *For 150 LB Rating, Add* | *6,734.28* | |
| | | *For 250 LB Rating, Add* | *12,874.36* | |
| | | *For Work In Restricted Working Space, Add* | *372.97* | |
| 23 05 23 00-0449 | EA | 18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 16,944.13 | 1,103.08 |
| | | *For 150 LB Rating, Add* | *10,584.39* | |
| | | *For 250 LB Rating, Add* | *20,234.86* | |
| | | *For Work In Restricted Working Space, Add* | *413.66* | |
| 23 05 23 00-0450 | EA | 20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 23,218.28 | 1,243.22 |
| | | *For 150 LB Rating, Add* | *14,731.70* | |
| | | *For 250 LB Rating, Add* | *28,163.54* | |
| | | *For Work In Restricted Working Space, Add* | *466.21* | |
| 23 05 23 00-0451 | EA | 24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves | 32,235.81 | 1,525.77 |
| | | *For 150 LB Rating, Add* | *20,623.45* | |
| | | *For 250 LB Rating, Add* | *39,427.18* | |
| | | *For Work In Restricted Working Space, Add* | *572.16* | |

23 05 23 00-0452 Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves *(23 05 23 00-0368)*

Note: 800 PSIG at 850 Degrees F.

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0453 | EA | 1/2" Class 800, Threaded, Forged Steel Swing Check Valve | 187.09 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0454 | EA | 3/4" 800, Threaded, Forged Steel Swing Check Valve | 220.38 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0455 | EA | 1" Class 800, Threaded, Forged Steel Swing Check Valve | 260.63 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0456 | EA | 1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve | 403.69 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0457 | EA | 1-1/2" 800, Threaded, Forged Steel Swing Check Valve | 478.99 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0458 | EA | 2" Class 800, Threaded, Forged Steel Swing Check Valve | 647.98 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |

23 05 23 00-0459 Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections *(23 05 23 00-0368)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0460 | EA | 1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB | 58.42 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 23 05 23 00-0461 | EA | 3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB | 71.44 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |
| 23 05 23 00-0462 | EA | 1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB | 82.90 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *18.34* | |
| 23 05 23 00-0463 | EA | 1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB | 100.09 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 05 23 00-0464 | EA | 1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB | 113.32 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| 23 05 23 00-0465 | EA | 2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB | 142.87 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *31.67* | |
| 23 05 23 00-0466 | EA | 2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB | 195.69 | 28.55 |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| 23 05 23 00-0467 | EA | 3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB | 233.43 | 33.14 |
| | | *For Work In Restricted Working Space, Add* | *49.35* | |
| 23 05 23 00-0468 | | Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves *(23 05 23 00-0368)* | | |
| | | Note: Nibco® | | |
| 23 05 23 00-0469 | EA | 1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve | 154.17 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |
| 23 05 23 00-0470 | EA | 3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve | 196.03 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *8.93* | |
| 23 05 23 00-0471 | EA | 1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve | 270.64 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *10.67* | |
| 23 05 23 00-0472 | EA | 1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve | 360.26 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *11.76* | |
| 23 05 23 00-0473 | EA | 1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve | 429.61 | 17.88 |
| | | *For Work In Restricted Working Space, Add* | *13.07* | |
| 23 05 23 00-0474 | EA | 2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve | 614.15 | 21.13 |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |
| 23 05 23 00-0475 | | Crimped Bronze, 250 PSI, In-Line, Check Valves *(23 05 23 00-0368)* | | |
| 23 05 23 00-0476 | EA | 1/2" Crimped Bronze, 200 PSI, In-Line Check Valve | 47.49 | 11.61 |
| 23 05 23 00-0477 | EA | 3/4" Crimped Bronze, 200 PSI, In-Line Check Valve | 57.09 | 12.78 |
| 23 05 23 00-0478 | EA | 1" Crimped Bronze, 200 PSI, In-Line Check Valve | 67.07 | 14.52 |
| 23 05 23 00-0479 | EA | 1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve | 84.76 | 15.45 |
| 23 05 23 00-0480 | EA | 1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve | 108.24 | 17.88 |
| 23 05 23 00-0481 | EA | 2" Crimped Bronze, 200 PSI, In-Line Check Valve | 169.98 | 21.13 |
| 23 05 23 00-0482 | | Diaphragm Valves *(23 05 23)* | | |
| 23 05 23 00-0483 | | Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0482)* | | |
| 23 05 23 00-0484 | EA | 1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 277.17 | 34.75 |
| 23 05 23 00-0485 | EA | 3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 355.77 | 38.49 |
| 23 05 23 00-0486 | EA | 1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 385.32 | 47.58 |
| 23 05 23 00-0487 | EA | 1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 612.04 | 71.11 |
| 23 05 23 00-0488 | EA | 2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 987.73 | 85.54 |
| 23 05 23 00-0489 | | Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0482)* | | |
| 23 05 23 00-0490 | EA | 1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 242.48 | 55.73 |
| 23 05 23 00-0491 | EA | 3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 280.56 | 58.06 |
| 23 05 23 00-0492 | EA | 1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 335.78 | 87.08 |
| 23 05 23 00-0493 | EA | 1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 504.68 | 121.92 |
| 23 05 23 00-0494 | EA | 2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 789.61 | 154.79 |
| 23 05 23 00-0495 | EA | 2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 994.30 | 155.04 |
| 23 05 23 00-0496 | EA | 3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 1,231.15 | 181.78 |
| 23 05 23 00-0497 | EA | 4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 1,759.66 | 304.73 |
| 23 05 23 00-0498 | EA | 6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 3,520.90 | 346.10 |
| 23 05 23 00-0499 | EA | 8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated | 5,444.15 | 442.24 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 05 23 00-0500** | | **Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves** *(23 05 23 00-0482)* | | |
| 23 05 23 00-0501 | EA | 1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 169.04 | 34.75 |
| 23 05 23 00-0502 | EA | 3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 222.02 | 38.49 |
| 23 05 23 00-0503 | EA | 1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 251.57 | 47.58 |
| 23 05 23 00-0504 | EA | 1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 429.90 | 71.11 |
| 23 05 23 00-0505 | EA | 2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 563.72 | 85.54 |
| **23 05 23 00-0506** | | **Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves** *(23 05 23 00-0482)* | | |
| 23 05 23 00-0507 | EA | 1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 168.42 | 55.73 |
| 23 05 23 00-0508 | EA | 3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 196.19 | 58.06 |
| 23 05 23 00-0509 | EA | 1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 251.40 | 87.08 |
| 23 05 23 00-0510 | EA | 1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 389.78 | 121.92 |
| 23 05 23 00-0511 | EA | 2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 522.08 | 154.79 |
| 23 05 23 00-0512 | EA | 2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 622.78 | 155.04 |
| 23 05 23 00-0513 | EA | 3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 755.36 | 181.78 |
| 23 05 23 00-0514 | EA | 4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 1,198.81 | 304.73 |
| 23 05 23 00-0515 | EA | 6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 2,264.41 | 346.10 |
| 23 05 23 00-0516 | EA | 8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated | 3,451.23 | 442.24 |
| **23 05 23 00-0517** | | **125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves** *(23 05 23 00-0482)* | | |
| 23 05 23 00-0518 | EA | 1" Diaphragm Valve, Cast Iron, 125 LB, Flanged | 310.36 | 87.08 |
| 23 05 23 00-0519 | EA | 1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged | 495.34 | 121.92 |
| 23 05 23 00-0520 | EA | 2" Diaphragm Valve, Cast Iron, 125 LB, Flanged | 663.06 | 154.79 |
| 23 05 23 00-0521 | EA | 2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged | 926.76 | 155.04 |
| 23 05 23 00-0522 | EA | 3" Diaphragm Valve, Cast Iron, 125 LB, Flanged | 1,027.77 | 181.78 |
| 23 05 23 00-0523 | EA | 4" Diaphragm Valve, Cast Iron, 125 LB, Flanged | 1,619.20 | 304.73 |
| 23 05 23 00-0524 | EA | 6" Diaphragm Valve, Cast Iron, 125 LB, Flanged | 3,121.43 | 346.10 |
| 23 05 23 00-0525 | EA | 8" Diaphragm Valve, Cast Iron, 125 LB, Flanged | 6,402.22 | 442.24 |
| **23 05 23 00-0526** | | **Solenoid Valves** *(23 05 23)* | | |
| **23 05 23 00-0527** | | **Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure** *(23 05 23 00-0526)* | | |
| 23 05 23 00-0528 | EA | 1/4" Solenoid Valve, Bronze, 150 PSI, Water | 122.09 | 11.61 |
| 23 05 23 00-0529 | EA | 1/2" Solenoid Valve, Bronze, 150 PSI, Water | 141.55 | 11.61 |
| 23 05 23 00-0530 | EA | 3/4" Solenoid Valve, Bronze, 150 PSI, Water | 181.38 | 12.78 |
| 23 05 23 00-0531 | EA | 1" Solenoid Valve, Bronze, 150 PSI, Water | 266.14 | 14.52 |
| 23 05 23 00-0532 | EA | 1-1/2" Solenoid Valve, Bronze, 150 PSI, Water | 467.82 | 17.88 |
| 23 05 23 00-0533 | EA | 2" Solenoid Valve, Bronze, 150 PSI, Water | 729.60 | 21.13 |
| 23 05 23 00-0534 | EA | 2-1/2" Solenoid Valve, Bronze, 150 PSI, Water | 993.65 | 28.55 |
| 23 05 23 00-0535 | EA | 3" Solenoid Valve, Bronze, 150 PSI, Water | 1,437.84 | 33.14 |
| **23 05 23 00-0536** | | **Flow Control Valves And Meters** *(23 05 23)* | | |
| **23 05 23 00-0537** | | **Conditioned Water Balancing Valves** *(23 05 23 00-0536)* Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter. | | |
| 23 05 23 00-0538 | EA | 1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 159.34 | 59.24 |
| 23 05 23 00-0539 | EA | 3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 191.93 | 78.99 |
| 23 05 23 00-0540 | EA | 1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 1,310.89 | 90.26 |
| 23 05 23 00-0541 | EA | 1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 1,411.30 | 111.52 |
| 23 05 23 00-0542 | EA | 1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 1,511.12 | 118.49 |
| 23 05 23 00-0543 | EA | 2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 1,616.40 | 135.45 |
| 23 05 23 00-0544 | EA | 2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 2,870.53 | 235.79 |
| 23 05 23 00-0545 | EA | 3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 2,767.18 | 269.49 |
| 23 05 23 00-0546 | EA | 3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 1,533.65 | 181.88 |
| 23 05 23 00-0547 | EA | 4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 2,159.05 | 304.90 |
| 23 05 23 00-0548 | EA | 6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 3,316.04 | 385.14 |
| 23 05 23 00-0549 | EA | 8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 4,455.36 | 492.13 |
| 23 05 23 00-0550 | EA | 10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG | 6,306.28 | 599.11 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0551 | | **Read Out Meters** *(23 05 23 00-0536)* Note: For use with conditioned portable water balancing valves. | | |
| 23 05 23 00-0552 | EA | 0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve | 1,159.67 | |
| 23 05 23 00-0553 | EA | 0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve | 1,569.37 | |
| 23 05 23 00-0554 | EA | 0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve | 1,569.37 | |
| 23 05 23 00-0555 | EA | 0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve | 1,569.37 | |
| 23 05 23 00-0556 | | **Balancing Valves** *(23 05 23)* | | |
| 23 05 23 00-0557 | | **Balancing Valves With Lever** *(23 05 23 00-0556)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections. | | |
| 23 05 23 00-0558 | EA | 1/2" Threaded Balancing Valve With Lever | 222.35 | 36.59 |
| 23 05 23 00-0559 | EA | 3/4" Threaded Balancing Valve With Lever | 250.39 | 48.21 |
| 23 05 23 00-0560 | EA | 1" Threaded Balancing Valve With Lever | 589.45 | 55.18 |
| 23 05 23 00-0561 | EA | 1-1/4" Threaded Balancing Valve With Lever | 646.06 | 68.53 |
| 23 05 23 00-0562 | EA | 1-1/2" Threaded Balancing Valve With Lever | 688.31 | 72.60 |
| 23 05 23 00-0563 | EA | 2" Threaded Balancing Valve With Lever | 915.60 | 83.06 |
| 23 05 23 00-0564 | EA | 2-1/2" Flanged Balancing Valve With Lever | 1,222.60 | 155.13 |
| 23 05 23 00-0565 | EA | 3" Flanged Balancing Valve With Lever | 1,194.52 | 181.88 |
| 23 05 23 00-0566 | EA | 4" Flanged Balancing Valve With Lever | 1,489.74 | 304.90 |
| 23 05 23 00-0567 | EA | 5" Flanged Balancing Valve With Lever | 2,179.77 | 346.63 |
| 23 05 23 00-0568 | EA | 6" Flanged Balancing Valve With Lever | 2,250.18 | 385.14 |
| 23 05 23 00-0569 | EA | 8" Flanged Balancing Valve With Lever | 3,008.68 | 492.13 |
| 23 05 23 00-0570 | | **Balancing Valves With Nut** *(23 05 23 00-0556)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections. | | |
| 23 05 23 00-0571 | EA | 4" Flanged Balancing Valve With Nut | 1,430.07 | 304.90 |
| 23 05 23 00-0572 | EA | 5" Flanged Balancing Valve With Nut | 2,135.40 | 346.63 |
| 23 05 23 00-0573 | EA | 6" Flanged Balancing Valve With Nut | 2,185.93 | 385.14 |
| 23 05 23 00-0574 | EA | 8" Flanged Balancing Valve With Nut | 2,932.19 | 492.13 |
| 23 05 23 00-0575 | | **Balancing Valves With Hand Wheel** *(23 05 23 00-0556)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections. | | |
| 23 05 23 00-0576 | EA | 4" Flanged Balancing Valve With Hand Wheel | 2,005.31 | 304.90 |
| 23 05 23 00-0577 | EA | 5" Flanged Balancing Valve With Hand Wheel | 2,744.30 | 346.63 |
| 23 05 23 00-0578 | EA | 6" Flanged Balancing Valve With Hand Wheel | 2,794.83 | 385.14 |
| 23 05 23 00-0579 | EA | 8" Flanged Balancing Valve With Hand Wheel | 4,015.36 | 492.13 |
| 23 05 23 00-0580 | EA | 10" Flanged Balancing Valve With Hand Wheel | 6,189.20 | 599.11 |
| 23 05 23 00-0581 | EA | 12" Flanged Balancing Valve With Hand Wheel | 8,104.58 | 474.67 |
| 23 05 23 00-0582 | EA | 14" Flanged Balancing Valve With Hand Wheel | 10,547.48 | 894.98 |
| 23 05 23 00-0583 | | **Balancing Valves With Chain Wheel** *(23 05 23 00-0556)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections. | | |
| 23 05 23 00-0584 | EA | 4" Flanged Balancing Valve With Chain Wheel | 2,329.65 | 304.90 |
| 23 05 23 00-0585 | EA | 5" Flanged Balancing Valve With Chain Wheel | 3,067.11 | 346.63 |
| 23 05 23 00-0586 | EA | 6" Flanged Balancing Valve With Chain Wheel | 3,117.64 | 385.14 |
| 23 05 23 00-0587 | EA | 8" Flanged Balancing Valve With Chain Wheel | 4,403.95 | 492.13 |
| 23 05 23 00-0588 | EA | 10" Flanged Balancing Valve With Chain Wheel | 6,570.15 | 599.11 |
| 23 05 23 00-0589 | EA | 12" Flanged Balancing Valve With Chain Wheel | 8,813.22 | 474.34 |
| 23 05 23 00-0590 | EA | 14" Flanged Balancing Valve With Chain Wheel | 11,160.97 | 894.98 |
| 23 05 23 00-0591 | | **Calibrated Balancing Valves** *(23 05 23 00-0556)* Note: Bell & Gossett CB Series. | | |
| 23 05 23 00-0592 | EA | 1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S) | 119.41 | 11.61 |
| 23 05 23 00-0593 | EA | 3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S) | 140.64 | 12.78 |
| 23 05 23 00-0594 | EA | 1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S) | 171.75 | 14.52 |
| 23 05 23 00-0595 | EA | 1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S) | 231.09 | 15.45 |
| 23 05 23 00-0596 | EA | 1" Threaded Calibrated Balancing Valve (CB-1) | 183.02 | 14.52 |
| 23 05 23 00-0597 | EA | 1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4) | 250.55 | 15.45 |
| 23 05 23 00-0598 | EA | 1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2) | 291.14 | 17.89 |
| 23 05 23 00-0599 | EA | 2" Threaded Calibrated Balancing Valve (CB-2) | 392.40 | 21.14 |
| 23 05 23 00-0600 | EA | 2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2) | 728.44 | 31.01 |
| 23 05 23 00-0601 | EA | 3" Threaded Calibrated Balancing Valve (CB-3) | 1,023.68 | 36.01 |
| 23 05 23 00-0602 | EA | 2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F) | 969.16 | 168.44 |
| 23 05 23 00-0603 | EA | 3" Flanged Calibrated Balancing Valve (CB-3F) | 1,399.46 | 197.48 |
| 23 05 23 00-0604 | EA | 4" Flanged Calibrated Balancing Valve (CB-4F) | 2,191.98 | 331.06 |
| 23 05 23 00-0605 | EA | 5" Flanged Calibrated Balancing Valve (CB-5F) | 3,148.20 | 376.37 |
| 23 05 23 00-0606 | EA | 6" Flanged Calibrated Balancing Valve (CB-6F) | 4,135.16 | 418.18 |
| 23 05 23 00-0607 | EA | 8" Flanged Calibrated Balancing Valve (CB-8F) | 7,449.58 | 534.34 |
| 23 05 23 00-0608 | EA | 10" Flanged Calibrated Balancing Valve (CB-10F) | 10,338.86 | 626.48 |
| 23 05 23 00-0609 | EA | 12" Flanged Calibrated Balancing Valve (CB-12F) | 21,709.28 | 760.73 |
| 23 05 23 00-0610 | EA | 4" Grooved Calibrated Balancing Valve (CB-4G) | 2,569.88 | 39.99 |
| 23 05 23 00-0611 | EA | 5" Grooved Calibrated Balancing Valve (CB-5G) | 2,961.52 | 49.03 |
| 23 05 23 00-0612 | EA | 6" Grooved Calibrated Balancing Valve (CB-6G) | 3,935.23 | 62.87 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 23 00-0613 | EA | 8" Grooved Calibrated Balancing Valve (CB-8G) | 7,360.81 | 79.80 |
| 23 05 23 00-0614 | EA | 10" Grooved Calibrated Balancing Valve (CB-10G) | 9,892.50 | 89.41 |
| 23 05 23 00-0615 | EA | 12" Grooved Calibrated Balancing Valve (CB-12G) | 20,358.43 | 109.02 |

## 23 05 23 00-0616 Butterfly Valves *(23 05 23)*

## 23 05 23 00-0617 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves *(23 05 23 00-0616)*

Note: With on-off handle

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0618 | EA | 2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 325.61 | 154.79 |
| | | *For 200 PSI, Add* | *63.40* | |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| 23 05 23 00-0619 | EA | 2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 334.18 | 155.04 |
| | | *For 200 PSI, Add* | *67.09* | |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| 23 05 23 00-0620 | EA | 3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 378.02 | 181.78 |
| | | *For 200 PSI, Add* | *72.25* | |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| 23 05 23 00-0621 | EA | 4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 570.80 | 304.73 |
| | | *For 200 PSI, Add* | *90.68* | |
| | | *For Work In Restricted Working Space, Add* | *114.56* | |
| 23 05 23 00-0622 | EA | 5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 702.96 | 346.10 |
| | | *For 200 PSI, Add* | *129.01* | |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| 23 05 23 00-0623 | EA | 6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 809.37 | 384.55 |
| | | *For 200 PSI, Add* | *157.77* | |
| | | *For Work In Restricted Working Space, Add* | *144.21* | |
| 23 05 23 00-0624 | EA | 8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 1,043.92 | 442.24 |
| | | *For 200 PSI, Add* | *237.39* | |
| | | *For Work In Restricted Working Space, Add* | *164.81* | |
| 23 05 23 00-0625 | EA | 10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 1,631.37 | 538.38 |
| | | *For 200 PSI, Add* | *460.03* | |
| | | *For Work In Restricted Working Space, Add* | *201.89* | |
| 23 05 23 00-0626 | EA | 12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type | 2,036.76 | 653.74 |
| | | *For 200 PSI, Add* | *586.10* | |
| | | *For Work In Restricted Working Space, Add* | *244.72* | |

## 23 05 23 00-0627 Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valves *(23 05 23 00-0616)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0628 | EA | 2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 555.99 | 154.79 |
| | | *For Work In Restricted Working Space, Add* | *58.06* | |
| 23 05 23 00-0629 | EA | 2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 559.96 | 155.04 |
| | | *For Work In Restricted Working Space, Add* | *58.32* | |
| 23 05 23 00-0630 | EA | 3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 611.48 | 181.78 |
| | | *For Work In Restricted Working Space, Add* | *68.25* | |
| 23 05 23 00-0631 | EA | 4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 815.00 | 304.73 |
| | | *For Work In Restricted Working Space, Add* | *114.56* | |
| 23 05 23 00-0632 | EA | 5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 973.28 | 346.10 |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| 23 05 23 00-0633 | EA | 6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 1,078.07 | 384.55 |
| | | *For Work In Restricted Working Space, Add* | *144.21* | |
| 23 05 23 00-0634 | EA | 8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 1,323.46 | 442.24 |
| | | *For Work In Restricted Working Space, Add* | *164.81* | |
| 23 05 23 00-0635 | EA | 10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 1,672.84 | 538.38 |
| | | *For Work In Restricted Working Space, Add* | *201.89* | |
| 23 05 23 00-0636 | EA | 12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI | 2,268.69 | 653.74 |
| | | *For Work In Restricted Working Space, Add* | *244.72* | |

## 23 05 23 00-0637 Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valves *(23 05 23 00-0616)*

| | | | | |
|---|---|---|---|---|
| 23 05 23 00-0638 | EA | 14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI | 3,723.91 | 847.65 |
| | | *For 200 PSI, Add* | *933.74* | |
| | | *For Work In Restricted Working Space, Add* | *339.06* | |
| 23 05 23 00-0639 | EA | 16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI | 4,727.84 | 994.57 |
| | | *For 200 PSI, Add* | *1,254.46* | |
| | | *For Work In Restricted Working Space, Add* | *372.97* | |
| 23 05 23 00-0640 | EA | 18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI | 6,558.63 | 1,107.59 |
| | | *For 200 PSI, Add* | *1,863.82* | |
| | | *For Work In Restricted Working Space, Add* | *414.41* | |
| 23 05 23 00-0641 | EA | 20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI | 8,401.59 | 1,243.22 |
| | | *For 200 PSI, Add* | *2,465.13* | |
| | | *For Work In Restricted Working Space, Add* | *466.21* | |
| 23 05 23 00-0642 | EA | 24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI | 11,262.46 | 1,525.77 |
| | | *For 200 PSI, Add* | *3,365.94* | |
| | | *For Work In Restricted Working Space, Add* | *573.79* | |
| 23 05 23 00-0643 | EA | 30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI | 23,152.17 | 2,421.60 |
| | | *For 200 PSI, Add* | *7,225.25* | |
| | | *For Work In Restricted Working Space, Add* | *924.61* | |
| 23 05 23 00-0644 | EA | 36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI | 29,353.00 | 3,302.18 |
| | | *For 200 PSI, Add* | *9,180.16* | |
| | | *For Work In Restricted Working Space, Add* | *1,155.77* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 23 05 29 Hangers and Supports for HVAC Piping and Equipment *(23 05)*

### 23 05 29 00-0001 Hangers And Supports *(23 05 29)*

### 23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

### 23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0004 | EA | 1/2" Steel Clevis Hanger (Cooper B-Line B3100) | 21.55 | 9.62 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| 23 05 29 00-0005 | EA | 3/4" Steel Clevis Hanger (Cooper B-Line B3100) | 23.69 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0006 | EA | 1" Steel Clevis Hanger (Cooper B-Line B3100) | 24.90 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.75* | |
| 23 05 29 00-0007 | EA | 1-1/4" Steel Clevis Hanger (Cooper B-Line B3100) | 25.87 | 11.56 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 05 29 00-0008 | EA | 1-1/2" Steel Clevis Hanger (Cooper B-Line B3100) | 26.17 | 11.56 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 05 29 00-0009 | EA | 2" Steel Clevis Hanger (Cooper B-Line B3100) | 27.40 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 05 29 00-0010 | EA | 2-1/2" Steel Clevis Hanger (Cooper B-Line B3100) | 30.35 | 12.19 |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| 23 05 29 00-0011 | EA | 3" Steel Clevis Hanger (Cooper B-Line B3100) | 32.57 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 23 05 29 00-0012 | EA | 3-1/2" Steel Clevis Hanger (Cooper B-Line B3100) | 33.94 | 14.09 |
| | | *For Work In Restricted Working Space, Add* | *8.05* | |
| 23 05 29 00-0013 | EA | 4" Steel Clevis Hanger (Cooper B-Line B3100) | 37.44 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 05 29 00-0014 | EA | 5" Steel Clevis Hanger (Cooper B-Line B3100) | 48.17 | 17.91 |
| | | *For Work In Restricted Working Space, Add* | *10.75* | |
| 23 05 29 00-0015 | EA | 6" Steel Clevis Hanger (Cooper B-Line B3100) | 58.02 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *12.83* | |
| 23 05 29 00-0016 | EA | 8" Steel Clevis Hanger (Cooper B-Line B3100) | 78.72 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 23 05 29 00-0017 | EA | 10" Steel Clevis Hanger (Cooper B-Line B3100) | 116.30 | 36.36 |
| | | *For Work In Restricted Working Space, Add* | *21.38* | |
| 23 05 29 00-0018 | EA | 12" Steel Clevis Hanger (Cooper B-Line B3100) | 136.91 | 40.09 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |
| 23 05 29 00-0019 | EA | 14" Steel Clevis Hanger (Cooper B-Line B3100) | 171.84 | 44.91 |
| | | *For Work In Restricted Working Space, Add* | *27.59* | |
| 23 05 29 00-0020 | EA | 16" Steel Clevis Hanger (Cooper B-Line B3100) | 215.36 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *32.08* | |
| 23 05 29 00-0021 | EA | 18" Steel Clevis Hanger (Cooper B-Line B3100) | 268.36 | 66.83 |
| | | *For Work In Restricted Working Space, Add* | *40.10* | |
| 23 05 29 00-0022 | EA | 20" Steel Clevis Hanger (Cooper B-Line B3100) | 443.42 | 80.20 |
| | | *For Work In Restricted Working Space, Add* | *48.12* | |
| 23 05 29 00-0023 | EA | 24" Steel Clevis Hanger (Cooper B-Line B3100) | 687.07 | 93.56 |
| | | *For Work In Restricted Working Space, Add* | *56.14* | |

### 23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0025 | EA | 1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 27.65 | 9.62 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| 23 05 29 00-0026 | EA | 3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 29.79 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0027 | EA | 1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 31.13 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.75* | |
| 23 05 29 00-0028 | EA | 1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 32.24 | 11.56 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 05 29 00-0029 | EA | 1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 33.02 | 11.56 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 05 29 00-0030 | EA | 2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 33.86 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 05 29 00-0031 | EA | 2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 38.24 | 12.19 |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| 23 05 29 00-0032 | EA | 3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 40.20 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 23 05 29 00-0033 | EA | 3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 45.03 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 05 29 00-0034 | EA | 4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 50.18 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 05 29 00-0035 | EA | 5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 84.08 | 17.91 |
| | | *For Work In Restricted Working Space, Add* | *10.75* | |
| 23 05 29 00-0036 | EA | 6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 104.46 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *12.83* | |
| 23 05 29 00-0037 | EA | 8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) | 123.99 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |

### 23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0039 | EA | 1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 21.33 | 9.62 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| 23 05 29 00-0040 | EA | 3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 23.52 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0041 | EA | 1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 24.85 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.75* | |
| 23 05 29 00-0042 | EA | 1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 25.53 | 11.56 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 05 29 00-0043 | EA | 1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 25.70 | 11.56 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 05 29 00-0044 | EA | 2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 26.45 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 05 29 00-0045 | EA | 2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 29.10 | 12.19 |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| 23 05 29 00-0046 | EA | 3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 30.45 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 23 05 29 00-0047 | EA | 3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 34.29 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 05 29 00-0048 | EA | 4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) | 35.50 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |

### 23 05 29 00-0049 Extended Steel Clevis Hanger (Cooper B-Line B3108) *(23 05 29 00-0002)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0050 | EA | 3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 31.14 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0051 | EA | 1" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 32.35 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.75* | |
| 23 05 29 00-0052 | EA | 1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 32.98 | 11.56 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 05 29 00-0053 | EA | 1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 34.19 | 11.56 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 05 29 00-0054 | EA | 2" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 36.84 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 05 29 00-0055 | EA | 2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 39.67 | 12.19 |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| 23 05 29 00-0056 | EA | 3" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 41.71 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 23 05 29 00-0057 | EA | 4" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 50.35 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 05 29 00-0058 | EA | 5" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 63.55 | 17.91 |
| | | *For Work In Restricted Working Space, Add* | *10.75* | |
| 23 05 29 00-0059 | EA | 6" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 78.64 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *12.83* | |
| 23 05 29 00-0060 | EA | 8" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 112.55 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 23 05 29 00-0061 | EA | 10" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 158.67 | 36.36 |
| | | *For Work In Restricted Working Space, Add* | *21.38* | |
| 23 05 29 00-0062 | EA | 12" Steel Extended Clevis Hanger (Cooper B-Line B3108) | 178.20 | 40.09 |
| | | *For Work In Restricted Working Space, Add* | *24.06* | |

### 23 05 29 00-0063 Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) *(23 05 29 00-0002)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0064 | EA | 2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) | 38.28 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 05 29 00-0065 | EA | 2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) | 41.01 | 12.19 |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| 23 05 29 00-0066 | EA | 3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) | 43.23 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 23 05 29 00-0067 | EA | 3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) | 47.76 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 05 29 00-0068 | EA | 4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) | 50.79 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 05 29 00-0069 | EA | 5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) | 62.99 | 17.91 |
| | | *For Work In Restricted Working Space, Add* | *10.75* | |
| 23 05 29 00-0070 | EA | 6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) | 73.36 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *12.83* | |
| 23 05 29 00-0071 | EA | 8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) | 97.91 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |

### 23 05 29 00-0072 Adjustable Hangers *(23 05 29 00-0001)*

### 23 05 29 00-0073 Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0072)*

Note: Type 5.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0074 | EA | 1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 19.81 | 8.43 |
| | | *For Work In Restricted Working Space, Add* | *5.06* | |
| 23 05 29 00-0075 | EA | 3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 21.66 | 9.35 |
| | | *For Work In Restricted Working Space, Add* | *5.61* | |
| 23 05 29 00-0076 | EA | 1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 23.71 | 10.40 |
| | | *For Work In Restricted Working Space, Add* | *6.24* | |
| 23 05 29 00-0077 | EA | 1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 26.13 | 11.55 |
| | | *For Work In Restricted Working Space, Add* | *6.93* | |
| 23 05 29 00-0078 | EA | 1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 27.47 | 12.12 |
| | | *For Work In Restricted Working Space, Add* | *7.28* | |
| 23 05 29 00-0079 | EA | 2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 29.53 | 12.71 |
| | | *For Work In Restricted Working Space, Add* | *7.62* | |
| 23 05 29 00-0080 | EA | 2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 34.45 | 13.28 |
| | | *For Work In Restricted Working Space, Add* | *7.97* | |
| 23 05 29 00-0081 | EA | 3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 36.00 | 13.86 |
| | | *For Work In Restricted Working Space, Add* | *8.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0082 | EA | 4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) | 43.23 | 15.59 |
| | | *For Work In Restricted Working Space, Add* | *9.36* | |

## 23 05 29 00-0083 Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0072)*

Note: Type 10.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0084 | EA | 1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 22.74 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| | | *For 304 Stainless Steel, Add* | *8.91* | |
| | | *For 316 Stainless Steel, Add* | *11.48* | |
| 23 05 29 00-0085 | EA | 3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 23.98 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.75* | |
| | | *For 304 Stainless Steel, Add* | *9.70* | |
| | | *For 316 Stainless Steel, Add* | *12.50* | |
| 23 05 29 00-0086 | EA | 1" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 25.23 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| | | *For 304 Stainless Steel, Add* | *9.70* | |
| | | *For 316 Stainless Steel, Add* | *12.50* | |
| 23 05 29 00-0087 | EA | 1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 26.81 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| | | *For 304 Stainless Steel, Add* | *10.89* | |
| | | *For 316 Stainless Steel, Add* | *14.03* | |
| 23 05 29 00-0088 | EA | 1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 30.17 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| | | *For 304 Stainless Steel, Add* | *10.89* | |
| | | *For 316 Stainless Steel, Add* | *14.03* | |
| 23 05 29 00-0089 | EA | 2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 32.28 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *9.17* | |
| | | *For 304 Stainless Steel, Add* | *11.42* | |
| | | *For 316 Stainless Steel, Add* | *14.71* | |
| 23 05 29 00-0090 | EA | 2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 35.72 | 16.04 |
| | | *For Work In Restricted Working Space, Add* | *9.87* | |
| | | *For 304 Stainless Steel, Add* | *18.61* | |
| | | *For 316 Stainless Steel, Add* | *23.97* | |
| 23 05 29 00-0091 | EA | 3" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 38.59 | 18.17 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| | | *For 304 Stainless Steel, Add* | *19.47* | |
| | | *For 316 Stainless Steel, Add* | *25.08* | |
| 23 05 29 00-0092 | EA | 3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 42.97 | 19.51 |
| | | *For Work In Restricted Working Space, Add* | *11.71* | |
| | | *For 304 Stainless Steel, Add* | *26.07* | |
| | | *For 316 Stainless Steel, Add* | *33.58* | |
| 23 05 29 00-0093 | EA | 4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 46.72 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *12.83* | |
| | | *For 304 Stainless Steel, Add* | *26.07* | |
| | | *For 316 Stainless Steel, Add* | *33.58* | |
| 23 05 29 00-0094 | EA | 5" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 56.31 | 24.06 |
| | | *For Work In Restricted Working Space, Add* | *14.44* | |
| | | *For 304 Stainless Steel, Add* | *54.05* | |
| | | *For 316 Stainless Steel, Add* | *69.62* | |
| 23 05 29 00-0095 | EA | 6" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 61.78 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| | | *For 304 Stainless Steel, Add* | *54.91* | |
| | | *For 316 Stainless Steel, Add* | *70.72* | |
| 23 05 29 00-0096 | EA | 8" Adjustable Swivel Steel Ring (Cooper B-Line B3170) | 74.04 | 32.07 |
| | | *For Work In Restricted Working Space, Add* | *19.25* | |
| | | *For 304 Stainless Steel, Add* | *65.21* | |
| | | *For 316 Stainless Steel, Add* | *83.98* | |

## 23 05 29 00-0097 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0072)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0098 | EA | 1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 25.48 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| | | *For 304 Stainless Steel, Add* | *26.99* | |
| | | *For 316 Stainless Steel, Add* | *34.77* | |
| 23 05 29 00-0099 | EA | 3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 26.60 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.75* | |
| | | *For 304 Stainless Steel, Add* | *26.99* | |
| | | *For 316 Stainless Steel, Add* | *34.77* | |
| 23 05 29 00-0100 | EA | 1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 27.85 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| | | *For 304 Stainless Steel, Add* | *26.99* | |
| | | *For 316 Stainless Steel, Add* | *34.77* | |
| 23 05 29 00-0101 | EA | 1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 29.25 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| | | *For 304 Stainless Steel, Add* | *26.99* | |
| | | *For 316 Stainless Steel, Add* | *34.77* | |
| 23 05 29 00-0102 | EA | 1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 32.95 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| | | *For 304 Stainless Steel, Add* | *29.24* | |
| | | *For 316 Stainless Steel, Add* | *37.66* | |
| 23 05 29 00-0103 | EA | 2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 34.98 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *9.17* | |
| | | *For 304 Stainless Steel, Add* | *29.24* | |
| | | *For 316 Stainless Steel, Add* | *37.66* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0104 | EA | 2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 44.53 | 16.04 |
| | | *For Work In Restricted Working Space, Add* | *9.87* | |
| | | *For 304 Stainless Steel, Add* | *76.76* | |
| | | *For 316 Stainless Steel, Add* | *98.86* | |
| 23 05 29 00-0105 | EA | 3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 50.05 | 18.17 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| | | *For 304 Stainless Steel, Add* | *95.11* | |
| | | *For 316 Stainless Steel, Add* | *122.49* | |
| 23 05 29 00-0106 | EA | 3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 54.57 | 19.51 |
| | | *For Work In Restricted Working Space, Add* | *11.71* | |
| | | *For 304 Stainless Steel, Add* | *102.63* | |
| | | *For 316 Stainless Steel, Add* | *132.18* | |
| 23 05 29 00-0107 | EA | 4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 61.70 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *12.83* | |
| | | *For 304 Stainless Steel, Add* | *124.94* | |
| | | *For 316 Stainless Steel, Add* | *160.91* | |
| 23 05 29 00-0108 | EA | 5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 67.31 | 24.06 |
| | | *For Work In Restricted Working Space, Add* | *14.44* | |
| | | *For 304 Stainless Steel, Add* | *126.65* | |
| | | *For 316 Stainless Steel, Add* | *163.12* | |
| 23 05 29 00-0109 | EA | 6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) | 81.24 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| | | *For 304 Stainless Steel, Add* | *183.35* | |
| | | *For 316 Stainless Steel, Add* | *236.13* | |

## 23 05 29 00-0110 Roller Hangers *(23 05 29 00-0001)*

## 23 05 29 00-0111 Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0110)*

Note: Excludes rod and nuts. Type 41.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0112 | EA | 2" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 36.22 | 8.56 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| 23 05 29 00-0113 | EA | 2-1/2" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 39.80 | 9.63 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| 23 05 29 00-0114 | EA | 3" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 44.13 | 11.24 |
| | | *For Work In Restricted Working Space, Add* | *6.74* | |
| 23 05 29 00-0115 | EA | 3-1/2" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 50.80 | 12.84 |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |
| 23 05 29 00-0116 | EA | 4" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 71.22 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *8.67* | |
| 23 05 29 00-0117 | EA | 5" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 62.59 | 16.05 |
| | | *For Work In Restricted Working Space, Add* | *9.63* | |
| 23 05 29 00-0118 | EA | 6" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 78.11 | 19.26 |
| | | *For Work In Restricted Working Space, Add* | *11.55* | |
| 23 05 29 00-0119 | EA | 8" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 106.36 | 22.47 |
| | | *For Work In Restricted Working Space, Add* | *13.48* | |
| 23 05 29 00-0120 | EA | 10" Single Pipe Roll (Cooper B-Line B3114)<br>Note: Excludes rod and nuts. | 126.06 | 26.75 |
| | | *For Work In Restricted Working Space, Add* | *16.05* | |

## 23 05 29 00-0121 Adjustable Clevis Roller Hanger (Cooper B-Line B3110) *(23 05 29 00-0110)*

Note: Type 43.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0122 | EA | 2" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 53.43 | 15.10 |
| | | *For Work In Restricted Working Space, Add* | *8.71* | |
| | | *For 304 Stainless Steel, Add* | *160.97* | |
| | | *For 316 Stainless Steel, Add* | *207.32* | |
| 23 05 29 00-0123 | EA | 2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 55.52 | 15.56 |
| | | *For Work In Restricted Working Space, Add* | *9.34* | |
| | | *For 304 Stainless Steel, Add* | *160.97* | |
| | | *For 316 Stainless Steel, Add* | *207.32* | |
| 23 05 29 00-0124 | EA | 3" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 60.40 | 16.27 |
| | | *For Work In Restricted Working Space, Add* | *9.96* | |
| | | *For 304 Stainless Steel, Add* | *179.59* | |
| | | *For 316 Stainless Steel, Add* | *231.29* | |
| 23 05 29 00-0125 | EA | 3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 71.07 | 17.43 |
| | | *For Work In Restricted Working Space, Add* | *10.46* | |
| | | *For 304 Stainless Steel, Add* | *239.05* | |
| | | *For 316 Stainless Steel, Add* | *307.87* | |
| 23 05 29 00-0126 | EA | 4" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 74.94 | 19.74 |
| | | *For Work In Restricted Working Space, Add* | *11.62* | |
| | | *For 304 Stainless Steel, Add* | *239.05* | |
| | | *For 316 Stainless Steel, Add* | *307.87* | |
| 23 05 29 00-0127 | EA | 5" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 84.80 | 21.25 |
| | | *For Work In Restricted Working Space, Add* | *12.76* | |
| | | *For 304 Stainless Steel, Add* | *279.05* | |
| | | *For 316 Stainless Steel, Add* | *359.38* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0128 | EA | 6" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 98.98 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| | | *For 304 Stainless Steel, Add* | *346.57* | |
| | | *For 316 Stainless Steel, Add* | *446.34* | |
| 23 05 29 00-0129 | EA | 8" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 136.67 | 29.04 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| | | *For 304 Stainless Steel, Add* | *518.69* | |
| | | *For 316 Stainless Steel, Add* | *668.02* | |
| 23 05 29 00-0130 | EA | 10" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 171.06 | 39.50 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| | | *For 304 Stainless Steel, Add* | *617.89* | |
| | | *For 316 Stainless Steel, Add* | *795.77* | |
| 23 05 29 00-0131 | EA | 12" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 224.76 | 43.56 |
| | | *For Work In Restricted Working Space, Add* | *26.14* | |
| | | *For 304 Stainless Steel, Add* | *908.42* | |
| | | *For 316 Stainless Steel, Add* | *1,169.94* | |
| 23 05 29 00-0132 | EA | 14" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 481.32 | 49.95 |
| | | *For Work In Restricted Working Space, Add* | *29.97* | |
| | | *For 304 Stainless Steel, Add* | *2,517.37* | |
| | | *For 316 Stainless Steel, Add* | *3,242.07* | |
| 23 05 29 00-0133 | EA | 16" Steel Clevis Roller Hanger (Cooper B-Line B3110) | 605.76 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| | | *For 304 Stainless Steel, Add* | *3,231.36* | |
| | | *For 316 Stainless Steel, Add* | *4,161.60* | |

## 23 05 29 00-0134 Roller Chair (Cooper B-Line B3120) *(23 05 29 00-0110)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0135 | EA | 2" Steel Roller Chair (Cooper B-Line B3120) | 51.83 | 15.10 |
| | | *For Work In Restricted Working Space, Add* | *8.71* | |
| 23 05 29 00-0136 | EA | 2-1/2" Steel Roller Chair (Cooper B-Line B3120) | 55.87 | 15.56 |
| | | *For Work In Restricted Working Space, Add* | *9.34* | |
| 23 05 29 00-0137 | EA | 3" Steel Roller Chair (Cooper B-Line B3120) | 58.49 | 16.27 |
| | | *For Work In Restricted Working Space, Add* | *9.96* | |
| 23 05 29 00-0138 | EA | 3-1/2" Steel Roller Chair (Cooper B-Line B3120) | 67.08 | 17.43 |
| | | *For Work In Restricted Working Space, Add* | *10.46* | |
| 23 05 29 00-0139 | EA | 4" Steel Roller Chair (Cooper B-Line B3120) | 74.76 | 19.74 |
| | | *For Work In Restricted Working Space, Add* | *11.62* | |
| 23 05 29 00-0140 | EA | 5" Steel Roller Chair (Cooper B-Line B3120) | 81.68 | 21.25 |
| | | *For Work In Restricted Working Space, Add* | *12.76* | |
| 23 05 29 00-0141 | EA | 6" Steel Roller Chair (Cooper B-Line B3120) | 101.02 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| 23 05 29 00-0142 | EA | 8" Steel Roller Chair (Cooper B-Line B3120) | 131.82 | 29.04 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| 23 05 29 00-0143 | EA | 10" Steel Roller Chair (Cooper B-Line B3120) | 169.94 | 39.50 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| 23 05 29 00-0144 | EA | 12" Steel Roller Chair (Cooper B-Line B3120) | 221.82 | 43.56 |
| | | *For Work In Restricted Working Space, Add* | *26.14* | |
| 23 05 29 00-0145 | EA | 14" Steel Roller Chair (Cooper B-Line B3120) | 241.18 | 49.95 |
| | | *For Work In Restricted Working Space, Add* | *29.97* | |
| 23 05 29 00-0146 | EA | 16" Steel Roller Chair (Cooper B-Line B3120) | 291.53 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 23 05 29 00-0147 | EA | 18" Steel Roller Chair (Cooper B-Line B3120) | 394.91 | 72.60 |
| | | *For Work In Restricted Working Space, Add* | *43.56* | |
| 23 05 29 00-0148 | EA | 20" Steel Roller Chair (Cooper B-Line B3120) | 489.59 | 87.12 |
| | | *For Work In Restricted Working Space, Add* | *52.27* | |

## 23 05 29 00-0149 Adjustable Roller Support (Cooper B-Line B3122) *(23 05 29 00-0110)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0150 | EA | 2" Steel Adjustable Roller Support (Cooper B-Line B3122) | 59.33 | 15.10 |
| | | *For Work In Restricted Working Space, Add* | *8.71* | |
| 23 05 29 00-0151 | EA | 2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122) | 66.96 | 15.56 |
| | | *For Work In Restricted Working Space, Add* | *9.34* | |
| 23 05 29 00-0152 | EA | 3" Steel Adjustable Roller Support (Cooper B-Line B3122) | 70.32 | 16.27 |
| | | *For Work In Restricted Working Space, Add* | *9.96* | |
| 23 05 29 00-0153 | EA | 3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122) | 74.32 | 17.43 |
| | | *For Work In Restricted Working Space, Add* | *10.46* | |
| 23 05 29 00-0154 | EA | 4" Steel Adjustable Roller Support (Cooper B-Line B3122) | 89.93 | 19.74 |
| | | *For Work In Restricted Working Space, Add* | *11.62* | |
| 23 05 29 00-0155 | EA | 5" Steel Adjustable Roller Support (Cooper B-Line B3122) | 102.22 | 21.25 |
| | | *For Work In Restricted Working Space, Add* | *12.76* | |
| 23 05 29 00-0156 | EA | 6" Steel Adjustable Roller Support (Cooper B-Line B3122) | 119.56 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| 23 05 29 00-0157 | EA | 8" Steel Adjustable Roller Support (Cooper B-Line B3122) | 169.99 | 29.04 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| 23 05 29 00-0158 | EA | 10" Steel Adjustable Roller Support (Cooper B-Line B3122) | 211.10 | 39.50 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| 23 05 29 00-0159 | EA | 12" Steel Adjustable Roller Support (Cooper B-Line B3122) | 244.60 | 43.56 |
| | | *For Work In Restricted Working Space, Add* | *26.14* | |
| 23 05 29 00-0160 | EA | 14" Steel Adjustable Roller Support (Cooper B-Line B3122) | 350.27 | 49.95 |
| | | *For Work In Restricted Working Space, Add* | *29.97* | |
| 23 05 29 00-0161 | EA | 16" Steel Adjustable Roller Support (Cooper B-Line B3122) | 420.55 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 23 05 29 00-0162 | EA | 18" Steel Adjustable Roller Support (Cooper B-Line B3122) | 475.20 | 72.60 |
| | | *For Work In Restricted Working Space, Add* | *43.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 05 29 00-0163** | | **Adjustable Double Roller Support (Cooper B-Line B3122A)** *(23 05 29 00-0110)* | | |
| 23 05 29 00-0164 | EA | 2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 59.76 | 15.10 |
| | | *For Work In Restricted Working Space, Add* | *8.71* | |
| 23 05 29 00-0165 | EA | 2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 67.35 | 15.56 |
| | | *For Work In Restricted Working Space, Add* | *9.34* | |
| 23 05 29 00-0166 | EA | 3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 70.97 | 16.27 |
| | | *For Work In Restricted Working Space, Add* | *9.96* | |
| 23 05 29 00-0167 | EA | 3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 73.75 | 17.43 |
| | | *For Work In Restricted Working Space, Add* | *10.46* | |
| 23 05 29 00-0168 | EA | 4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 94.31 | 19.74 |
| | | *For Work In Restricted Working Space, Add* | *11.62* | |
| 23 05 29 00-0169 | EA | 5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 107.38 | 21.25 |
| | | *For Work In Restricted Working Space, Add* | *12.76* | |
| 23 05 29 00-0170 | EA | 6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 125.71 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| 23 05 29 00-0171 | EA | 8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 179.52 | 29.04 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| 23 05 29 00-0172 | EA | 10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 222.53 | 39.50 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| 23 05 29 00-0173 | EA | 12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 257.99 | 43.56 |
| | | *For Work In Restricted Working Space, Add* | *26.14* | |
| 23 05 29 00-0174 | EA | 14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) | 371.67 | 49.95 |
| | | *For Work In Restricted Working Space, Add* | *29.97* | |
| **23 05 29 00-0175** | | **Pipe And Riser Clamps** *(23 05 29 00-0001)* | | |
| | | Note: Includes bolts and weldless eye nuts. | | |
| **23 05 29 00-0176** | | **Steel Pipe Clamp (Cooper B-Line B3140)** *(23 05 29 00-0175)* | | |
| | | Note: Type 4. | | |
| 23 05 29 00-0177 | EA | 1/2" Steel Pipe Clamp (Cooper B-Line B3140) | 19.54 | 6.93 |
| | | *For Work In Restricted Working Space, Add* | *4.16* | |
| 23 05 29 00-0178 | EA | 3/4" Steel Pipe Clamp (Cooper B-Line B3140) | 19.77 | 7.04 |
| | | *For Work In Restricted Working Space, Add* | *4.23* | |
| 23 05 29 00-0179 | EA | 1" Steel Pipe Clamp (Cooper B-Line B3140) | 20.04 | 7.16 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 23 05 29 00-0180 | EA | 1-1/4" Steel Pipe Clamp (Cooper B-Line B3140) | 22.00 | 7.27 |
| | | *For Work In Restricted Working Space, Add* | *4.37* | |
| 23 05 29 00-0181 | EA | 1-1/2" Steel Pipe Clamp (Cooper B-Line B3140) | 22.23 | 7.39 |
| | | *For Work In Restricted Working Space, Add* | *4.43* | |
| 23 05 29 00-0182 | EA | 2" Steel Pipe Clamp (Cooper B-Line B3140) | 23.77 | 7.50 |
| | | *For Work In Restricted Working Space, Add* | *4.51* | |
| 23 05 29 00-0183 | EA | 2-1/2" Steel Pipe Clamp (Cooper B-Line B3140) | 24.75 | 7.73 |
| | | *For Work In Restricted Working Space, Add* | *4.64* | |
| 23 05 29 00-0184 | EA | 3" Steel Pipe Clamp (Cooper B-Line B3140) | 26.30 | 7.96 |
| | | *For Work In Restricted Working Space, Add* | *4.78* | |
| 23 05 29 00-0185 | EA | 3-1/2" Steel Pipe Clamp (Cooper B-Line B3140) | 30.81 | 8.09 |
| | | *For Work In Restricted Working Space, Add* | *4.85* | |
| 23 05 29 00-0186 | EA | 4" Steel Pipe Clamp (Cooper B-Line B3140) | 35.43 | 10.40 |
| | | *For Work In Restricted Working Space, Add* | *6.24* | |
| 23 05 29 00-0187 | EA | 5" Steel Pipe Clamp (Cooper B-Line B3140) | 51.11 | 13.86 |
| | | *For Work In Restricted Working Space, Add* | *8.32* | |
| 23 05 29 00-0188 | EA | 6" Steel Pipe Clamp (Cooper B-Line B3140) | 70.52 | 17.33 |
| | | *For Work In Restricted Working Space, Add* | *10.40* | |
| 23 05 29 00-0189 | EA | 8" Steel Pipe Clamp (Cooper B-Line B3140) | 83.06 | 20.21 |
| | | *For Work In Restricted Working Space, Add* | *12.13* | |
| 23 05 29 00-0190 | EA | 10" Steel Pipe Clamp (Cooper B-Line B3140) | 123.06 | 23.10 |
| | | *For Work In Restricted Working Space, Add* | *13.86* | |
| 23 05 29 00-0191 | EA | 12" Steel Pipe Clamp (Cooper B-Line B3140) | 169.70 | 25.41 |
| | | *For Work In Restricted Working Space, Add* | *15.25* | |
| 23 05 29 00-0192 | EA | 14" Steel Pipe Clamp (Cooper B-Line B3140) | 278.55 | 27.72 |
| | | *For Work In Restricted Working Space, Add* | *16.63* | |
| 23 05 29 00-0193 | EA | 16" Steel Pipe Clamp (Cooper B-Line B3140) | 301.94 | 30.03 |
| | | *For Work In Restricted Working Space, Add* | *18.02* | |
| 23 05 29 00-0194 | EA | 18" Steel Pipe Clamp (Cooper B-Line B3140) | 495.57 | 32.34 |
| | | *For Work In Restricted Working Space, Add* | *19.40* | |
| 23 05 29 00-0195 | EA | 20" Steel Pipe Clamp (Cooper B-Line B3140) | 573.93 | 34.65 |
| | | *For Work In Restricted Working Space, Add* | *20.79* | |
| 23 05 29 00-0196 | EA | 24" Steel Pipe Clamp (Cooper B-Line B3140) | 750.17 | 38.12 |
| | | *For Work In Restricted Working Space, Add* | *22.87* | |
| **23 05 29 00-0197** | | **Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)** *(23 05 29 00-0175)* | | |
| 23 05 29 00-0198 | EA | 3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 42.10 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.46* | |
| 23 05 29 00-0199 | EA | 4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 56.09 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.46* | |
| 23 05 29 00-0200 | EA | 5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 61.72 | 7.75 |
| | | *For Work In Restricted Working Space, Add* | *4.65* | |
| 23 05 29 00-0201 | EA | 6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 100.01 | 8.02 |
| | | *For Work In Restricted Working Space, Add* | *4.84* | |
| 23 05 29 00-0202 | EA | 8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 108.90 | 8.55 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| 23 05 29 00-0203 | EA | 10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 188.52 | 8.55 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0204 | EA | 12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 306.51 | 9.62 |
| | | *For Work In Restricted Working Space, Add* | *5.77* | |
| 23 05 29 00-0205 | EA | 14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 389.38 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0206 | EA | 16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 422.98 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |
| 23 05 29 00-0207 | EA | 18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 1,323.62 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.98* | |
| 23 05 29 00-0208 | EA | 20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 1,521.83 | 16.04 |
| | | *For Work In Restricted Working Space, Add* | *9.62* | |
| 23 05 29 00-0209 | EA | 24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) | 1,950.45 | 17.10 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |

### 23 05 29 00-0210 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0175)*

Note: Type 8.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0211 | EA | 1/2" Steel Riser Clamp (Cooper B-Line B3373) | 19.93 | 6.42 |
| | | *For Work In Restricted Working Space, Add* | *3.85* | |
| 23 05 29 00-0212 | EA | 3/4" Steel Riser Clamp (Cooper B-Line B3373) | 20.81 | 6.52 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| 23 05 29 00-0213 | EA | 1" Steel Riser Clamp (Cooper B-Line B3373) | 21.10 | 6.63 |
| | | *For Work In Restricted Working Space, Add* | *3.98* | |
| 23 05 29 00-0214 | EA | 1-1/4" Steel Riser Clamp (Cooper B-Line B3373) | 22.96 | 6.74 |
| | | *For Work In Restricted Working Space, Add* | *4.04* | |
| 23 05 29 00-0215 | EA | 1-1/2" Steel Riser Clamp (Cooper B-Line B3373) | 23.92 | 6.84 |
| | | *For Work In Restricted Working Space, Add* | *4.11* | |
| 23 05 29 00-0216 | EA | 2" Steel Riser Clamp (Cooper B-Line B3373) | 24.52 | 6.95 |
| | | *For Work In Restricted Working Space, Add* | *4.17* | |
| 23 05 29 00-0217 | EA | 2-1/2" Steel Riser Clamp (Cooper B-Line B3373) | 25.58 | 7.16 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 23 05 29 00-0218 | EA | 3" Steel Riser Clamp (Cooper B-Line B3373) | 27.20 | 7.37 |
| | | *For Work In Restricted Working Space, Add* | *4.43* | |
| 23 05 29 00-0219 | EA | 3-1/2" Steel Riser Clamp (Cooper B-Line B3373) | 30.09 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.49* | |
| 23 05 29 00-0220 | EA | 4" Steel Riser Clamp (Cooper B-Line B3373) | 36.37 | 9.62 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| 23 05 29 00-0221 | EA | 5" Steel Riser Clamp (Cooper B-Line B3373) | 46.89 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |
| 23 05 29 00-0222 | EA | 6" Steel Riser Clamp (Cooper B-Line B3373) | 59.54 | 16.04 |
| | | *For Work In Restricted Working Space, Add* | *9.62* | |
| 23 05 29 00-0223 | EA | 8" Steel Riser Clamp (Cooper B-Line B3373) | 82.39 | 18.72 |
| | | *For Work In Restricted Working Space, Add* | *11.23* | |
| 23 05 29 00-0224 | EA | 10" Steel Riser Clamp (Cooper B-Line B3373) | 109.31 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *12.83* | |
| 23 05 29 00-0225 | EA | 12" Steel Riser Clamp (Cooper B-Line B3373) | 132.99 | 23.52 |
| | | *For Work In Restricted Working Space, Add* | *14.11* | |
| 23 05 29 00-0226 | EA | 14" Steel Riser Clamp (Cooper B-Line B3373) | 180.64 | 25.66 |
| | | *For Work In Restricted Working Space, Add* | *15.40* | |
| 23 05 29 00-0227 | EA | 16" Steel Riser Clamp (Cooper B-Line B3373) | 350.81 | 27.80 |
| | | *For Work In Restricted Working Space, Add* | *16.68* | |

### 23 05 29 00-0228 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) *(23 05 29 00-0175)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0229 | EA | 1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 36.83 | 6.42 |
| | | *For Work In Restricted Working Space, Add* | *3.85* | |
| 23 05 29 00-0230 | EA | 3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 37.40 | 6.52 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| 23 05 29 00-0231 | EA | 1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 38.99 | 6.63 |
| | | *For Work In Restricted Working Space, Add* | *3.98* | |
| 23 05 29 00-0232 | EA | 1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 41.80 | 6.74 |
| | | *For Work In Restricted Working Space, Add* | *4.04* | |
| 23 05 29 00-0233 | EA | 1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 47.48 | 6.84 |
| | | *For Work In Restricted Working Space, Add* | *4.11* | |
| 23 05 29 00-0234 | EA | 2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 50.55 | 6.95 |
| | | *For Work In Restricted Working Space, Add* | *4.17* | |
| 23 05 29 00-0235 | EA | 2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 54.83 | 7.16 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 23 05 29 00-0236 | EA | 3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 60.42 | 7.37 |
| | | *For Work In Restricted Working Space, Add* | *4.43* | |
| 23 05 29 00-0237 | EA | 4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) | 81.94 | 9.62 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |

### 23 05 29 00-0238 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) *(23 05 29 00-0175)*

Note: Type 42

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0239 | EA | 4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 85.30 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.46* | |
| 23 05 29 00-0240 | EA | 6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 90.48 | 8.02 |
| | | *For Work In Restricted Working Space, Add* | *4.84* | |
| 23 05 29 00-0241 | EA | 8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 99.46 | 8.55 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| 23 05 29 00-0242 | EA | 10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 106.38 | 8.55 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| 23 05 29 00-0243 | EA | 12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 128.95 | 9.62 |
| | | *For Work In Restricted Working Space, Add* | *5.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0244 | EA | 14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 407.13 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0245 | EA | 16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 545.93 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |
| 23 05 29 00-0246 | EA | 18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 650.63 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.98* | |
| 23 05 29 00-0247 | EA | 20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 949.80 | 16.04 |
| | | *For Work In Restricted Working Space, Add* | *9.62* | |
| 23 05 29 00-0248 | EA | 24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132) | 1,310.83 | 17.10 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 23 05 29 00-0249 | | Four Bolt Steel Underground Clamp (Cooper B-Line B3134) *(23 05 29 00-0175)* | | |
| 23 05 29 00-0250 | EA | 4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 78.53 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.46* | |
| 23 05 29 00-0251 | EA | 6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 84.68 | 8.02 |
| | | *For Work In Restricted Working Space, Add* | *4.84* | |
| 23 05 29 00-0252 | EA | 8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 149.92 | 8.55 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| 23 05 29 00-0253 | EA | 10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 167.03 | 8.55 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| 23 05 29 00-0254 | EA | 12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 240.78 | 9.62 |
| | | *For Work In Restricted Working Space, Add* | *5.77* | |
| 23 05 29 00-0255 | EA | 14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 370.62 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0256 | EA | 16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 497.67 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |
| 23 05 29 00-0257 | EA | 18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 592.45 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.98* | |
| 23 05 29 00-0258 | EA | 20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 868.08 | 16.04 |
| | | *For Work In Restricted Working Space, Add* | *9.62* | |
| 23 05 29 00-0259 | EA | 24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134) | 1,189.87 | 17.10 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 23 05 29 00-0260 | | Split Pipe Clamps And Rings *(23 05 29 00-0001)* | | |
| 23 05 29 00-0261 | | Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0260)* | | |
| | | Note: Type 6. | | |
| 23 05 29 00-0262 | EA | 3/4" Adjustable Swivel Ring (Cooper B-Line B3171) | 33.29 | 9.81 |
| | | *For Work In Restricted Working Space, Add* | *5.89* | |
| 23 05 29 00-0263 | EA | 1" Adjustable Swivel Ring (Cooper B-Line B3171) | 35.26 | 10.40 |
| | | *For Work In Restricted Working Space, Add* | *6.24* | |
| 23 05 29 00-0264 | EA | 1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171) | 38.26 | 11.55 |
| | | *For Work In Restricted Working Space, Add* | *6.93* | |
| 23 05 29 00-0265 | EA | 1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171) | 41.33 | 12.12 |
| | | *For Work In Restricted Working Space, Add* | *7.28* | |
| 23 05 29 00-0266 | EA | 2" Adjustable Swivel Ring (Cooper B-Line B3171) | 44.78 | 12.71 |
| | | *For Work In Restricted Working Space, Add* | *7.62* | |
| 23 05 29 00-0267 | EA | 2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171) | 56.08 | 13.28 |
| | | *For Work In Restricted Working Space, Add* | *7.97* | |
| 23 05 29 00-0268 | EA | 3" Adjustable Swivel Ring (Cooper B-Line B3171) | 61.77 | 13.86 |
| | | *For Work In Restricted Working Space, Add* | *8.32* | |
| 23 05 29 00-0269 | EA | 4" Adjustable Swivel Ring (Cooper B-Line B3171) | 83.14 | 15.59 |
| | | *For Work In Restricted Working Space, Add* | *9.36* | |
| 23 05 29 00-0270 | EA | 5" Adjustable Swivel Ring (Cooper B-Line B3171) | 105.77 | 19.64 |
| | | *For Work In Restricted Working Space, Add* | *11.78* | |
| 23 05 29 00-0271 | EA | 6" Adjustable Swivel Ring (Cooper B-Line B3171) | 142.46 | 23.10 |
| | | *For Work In Restricted Working Space, Add* | *13.86* | |
| 23 05 29 00-0272 | | Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0260)* | | |
| | | Note: Type 11. | | |
| 23 05 29 00-0273 | EA | 1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 21.00 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *4.97* | |
| 23 05 29 00-0274 | EA | 3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 22.18 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *5.20* | |
| 23 05 29 00-0275 | EA | 1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 24.38 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *5.81* | |
| 23 05 29 00-0276 | EA | 1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 26.61 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *6.11* | |
| 23 05 29 00-0277 | EA | 1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 29.99 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *6.33* | |
| 23 05 29 00-0278 | EA | 2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 35.31 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 23 05 29 00-0279 | EA | 2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 48.32 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *7.26* | |
| 23 05 29 00-0280 | EA | 3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 54.01 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *7.57* | |
| 23 05 29 00-0281 | EA | 4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) | 57.37 | 13.94 |
| | | *For Work In Restricted Working Space, Add* | *8.30* | |
| 23 05 29 00-0282 | | Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0260)* | | |
| | | Note: Type 12. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0283 | EA | 1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) | 21.00 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *4.97* | |
| 23 05 29 00-0284 | EA | 3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) | 22.18 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.20* | |
| 23 05 29 00-0285 | EA | 1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) | 24.38 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.81* | |
| 23 05 29 00-0286 | EA | 1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) | 26.61 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *6.11* | |
| 23 05 29 00-0287 | EA | 1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) | 29.99 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *6.33* | |
| 23 05 29 00-0288 | EA | 2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) | 35.31 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 23 05 29 00-0289 | EA | 2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) | 48.32 | 12.19 |
| | | *For Work In Restricted Working Space, Add* | *7.26* | |
| 23 05 29 00-0290 | EA | 3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) | 54.01 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *7.57* | |

### 23 05 29 00-0291 Pipe Straps *(23 05 29 00-0001)*

### 23 05 29 00-0292 Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) *(23 05 29 00-0291)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0293 | EA | 1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 14.22 | 5.81 |
| | | *For Work In Restricted Working Space, Add* | *3.48* | |
| 23 05 29 00-0294 | EA | 3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 14.83 | 6.97 |
| | | *For Work In Restricted Working Space, Add* | *3.67* | |
| 23 05 29 00-0295 | EA | 1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 15.51 | 6.97 |
| | | *For Work In Restricted Working Space, Add* | *3.87* | |
| 23 05 29 00-0296 | EA | 1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 16.40 | 6.97 |
| | | *For Work In Restricted Working Space, Add* | *4.10* | |
| 23 05 29 00-0297 | EA | 1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 17.34 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *4.36* | |
| 23 05 29 00-0298 | EA | 2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 20.14 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *4.65* | |
| 23 05 29 00-0299 | EA | 2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 24.98 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *4.97* | |
| 23 05 29 00-0300 | EA | 3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 32.56 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *5.36* | |
| 23 05 29 00-0301 | EA | 4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 38.61 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *6.27* | |
| 23 05 29 00-0302 | EA | 6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 47.62 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 23 05 29 00-0303 | EA | 8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) | 59.91 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *7.66* | |

### 23 05 29 00-0304 Two Hole Copper-Clad Pipe Straps *(23 05 29 00-0291)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0305 | EA | 1/2" Two Hole Copper-Clad Pipe Strap | 6.45 | |
| | | *For Work In Restricted Working Space, Add* | *1.74* | |
| 23 05 29 00-0306 | EA | 3/4" Two Hole Copper-Clad Pipe Strap | 6.84 | |
| | | *For Work In Restricted Working Space, Add* | *1.83* | |
| 23 05 29 00-0307 | EA | 1" Two Hole Copper-Clad Pipe Strap | 7.69 | |
| | | *For Work In Restricted Working Space, Add* | *1.91* | |
| 23 05 29 00-0308 | EA | 1-1/4" Two Hole Copper-Clad Pipe Strap | 8.58 | |
| | | *For Work In Restricted Working Space, Add* | *2.00* | |
| 23 05 29 00-0309 | EA | 1-1/2" Two Hole Copper-Clad Pipe Strap | 9.23 | |
| | | *For Work In Restricted Working Space, Add* | *2.09* | |
| 23 05 29 00-0310 | EA | 2" Two Hole Copper-Clad Pipe Strap | 10.02 | |
| | | *For Work In Restricted Working Space, Add* | *2.27* | |

### 23 05 29 00-0311 One Hole Galvanized Steel Pipe Straps *(23 05 29 00-0291)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0312 | EA | 1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D) | 3.09 | |
| | | *For Work In Restricted Working Space, Add* | *0.58* | |
| 23 05 29 00-0313 | EA | 3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D) | 3.72 | |
| | | *For Work In Restricted Working Space, Add* | *0.62* | |
| 23 05 29 00-0314 | EA | 1" One Hole Galvanized Steel Pipe Strap (Anvil 185D) | 4.00 | |
| | | *For Work In Restricted Working Space, Add* | *0.67* | |
| 23 05 29 00-0315 | EA | 1-1/4" Galvanized Steel Strap, 1 Hole | 4.30 | |
| | | *For Work In Restricted Working Space, Add* | *0.73* | |
| 23 05 29 00-0316 | EA | 1-1/2" Galvanized Steel Strap, 1 Hole | 4.61 | |
| | | *For Work In Restricted Working Space, Add* | *0.79* | |
| 23 05 29 00-0317 | EA | 2" Galvanized Steel Strap, 1 Hole | 5.15 | |
| | | *For Work In Restricted Working Space, Add* | *0.87* | |

### 23 05 29 00-0318 Pipe and Equipment Support Brackets *(23 05 29 00-0001)*

### 23 05 29 00-0319 Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0318)*

Note: Up to 750# load.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0320 | EA | 9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) | 142.77 | 12.83 |
| | | *For Galvanized, Add* | *23.42* | |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0321 | EA | 13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) | 144.91 | 12.83 |
| | | *For Galvanized, Add* | *23.85* | |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |
| 23 05 29 00-0322 | EA | 19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) | 153.38 | 12.83 |
| | | *For Galvanized, Add* | *25.54* | |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |

## 23 05 29 00-0323 Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0318)*

Note: Up to 1500# load.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0324 | EA | 12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) | 349.70 | 12.83 |
| | | *For Galvanized, Add* | *64.81* | |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |
| 23 05 29 00-0325 | EA | 18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) | 410.62 | 12.83 |
| | | *For Galvanized, Add* | *76.99* | |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |
| 23 05 29 00-0326 | EA | 24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) | 534.84 | 12.83 |
| | | *For Galvanized, Add* | *101.84* | |
| | | *For Work In Restricted Working Space, Add* | *7.70* | |

## 23 05 29 00-0327 Pipe Alignment Guide *(23 05 29 00-0001)*

## 23 05 29 00-0328 Pipe Alignment Guide, 1" Insulation *(23 05 29 00-0327)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0329 | EA | 1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2) | 828.09 | 20.32 |
| 23 05 29 00-0330 | EA | 3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4) | 829.15 | 20.85 |
| 23 05 29 00-0331 | EA | 1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1) | 830.22 | 21.39 |
| 23 05 29 00-0332 | EA | 1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4) | 831.29 | 21.92 |
| 23 05 29 00-0333 | EA | 1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2) | 909.06 | 22.45 |
| 23 05 29 00-0334 | EA | 2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2) | 925.27 | 24.59 |
| 23 05 29 00-0335 | EA | 2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2) | 926.87 | 25.40 |
| 23 05 29 00-0336 | EA | 3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3) | 928.47 | 26.20 |
| 23 05 29 00-0337 | EA | 4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4) | 982.57 | 27.80 |
| 23 05 29 00-0338 | EA | 5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5) | 1,141.97 | 35.29 |
| 23 05 29 00-0339 | EA | 6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6) | 1,156.93 | 42.77 |
| 23 05 29 00-0340 | EA | 8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8) | 1,296.86 | 53.46 |
| 23 05 29 00-0341 | EA | 10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10) | 2,444.63 | 64.16 |
| 23 05 29 00-0342 | EA | 12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12) | 3,736.81 | 85.54 |
| 23 05 29 00-0343 | EA | 14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14) | 4,596.13 | 106.92 |
| 23 05 29 00-0344 | EA | 16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16) | 5,542.18 | 119.75 |
| 23 05 29 00-0345 | EA | 18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18) | 5,971.66 | 133.66 |
| 23 05 29 00-0346 | EA | 20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20) | 6,331.84 | 152.91 |
| 23 05 29 00-0347 | EA | 24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24) | 8,021.38 | 160.39 |

## 23 05 29 00-0348 Pipe Alignment Guide, 1-1/2" Insulation *(23 05 29 00-0327)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0349 | EA | 1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2) | 829.15 | 20.85 |
| 23 05 29 00-0350 | EA | 3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4) | 906.92 | 21.39 |
| 23 05 29 00-0351 | EA | 1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1) | 907.99 | 21.92 |
| 23 05 29 00-0352 | EA | 1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4) | 909.06 | 22.45 |
| 23 05 29 00-0353 | EA | 1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2) | 910.13 | 22.99 |
| 23 05 29 00-0354 | EA | 2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2) | 926.34 | 25.12 |
| 23 05 29 00-0355 | EA | 2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2) | 927.94 | 25.93 |
| 23 05 29 00-0356 | EA | 3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3) | 980.42 | 26.74 |
| 23 05 29 00-0357 | EA | 4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4) | 983.63 | 28.34 |
| 23 05 29 00-0358 | EA | 5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5) | 1,143.57 | 36.08 |
| 23 05 29 00-0359 | EA | 6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6) | 1,159.07 | 43.84 |
| 23 05 29 00-0360 | EA | 8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8) | 1,299.54 | 54.80 |
| 23 05 29 00-0361 | EA | 10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10) | 2,447.84 | 65.76 |
| 23 05 29 00-0362 | EA | 12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12) | 3,741.09 | 87.68 |
| 23 05 29 00-0363 | EA | 14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14) | 4,601.48 | 109.60 |
| 23 05 29 00-0364 | EA | 16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16) | 5,548.60 | 122.97 |
| 23 05 29 00-0365 | EA | 18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18) | 5,978.08 | 136.87 |
| 23 05 29 00-0366 | EA | 20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20) | 6,339.33 | 156.64 |
| 23 05 29 00-0367 | EA | 24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24) | 8,029.41 | 164.40 |

## 23 05 29 00-0368 Pipe Alignment Guide, 2" Insulation *(23 05 29 00-0327)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0369 | EA | 1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2) | 906.92 | 21.39 |
| 23 05 29 00-0370 | EA | 3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4) | 919.92 | 21.92 |
| 23 05 29 00-0371 | EA | 1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1) | 920.99 | 22.45 |
| 23 05 29 00-0372 | EA | 1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4) | 922.06 | 22.99 |
| 23 05 29 00-0373 | EA | 1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2) | 923.12 | 23.52 |
| 23 05 29 00-0374 | EA | 2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2) | 978.28 | 25.66 |
| 23 05 29 00-0375 | EA | 2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2) | 980.42 | 26.74 |
| 23 05 29 00-0376 | EA | 3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3) | 981.76 | 27.40 |
| 23 05 29 00-0377 | EA | 4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4) | 1,129.13 | 28.87 |
| 23 05 29 00-0378 | EA | 5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5) | 1,145.17 | 36.89 |
| 23 05 29 00-0379 | EA | 6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6) | 1,279.76 | 44.91 |
| 23 05 29 00-0380 | EA | 8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8) | 1,433.52 | 56.14 |
| 23 05 29 00-0381 | EA | 10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10) | 2,451.04 | 67.36 |
| 23 05 29 00-0382 | EA | 12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12) | 3,745.36 | 89.82 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0383 | EA | 14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14) | 4,606.82 | 112.27 |
| 23 05 29 00-0384 | EA | 16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16) | 5,554.77 | 126.05 |
| 23 05 29 00-0385 | EA | 18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18) | 5,985.03 | 140.34 |
| 23 05 29 00-0386 | EA | 20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20) | 6,346.81 | 160.39 |
| 23 05 29 00-0387 | EA | 24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24) | 8,037.43 | 168.41 |

### 23 05 29 00-0388 Pipe Alignment Guide, 2-1/2" Insulation *(23 05 29 00-0327)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0389 | EA | 1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2) | 919.92 | 21.92 |
| 23 05 29 00-0390 | EA | 3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4) | 971.87 | 22.45 |
| 23 05 29 00-0391 | EA | 1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1) | 972.94 | 22.99 |
| 23 05 29 00-0392 | EA | 1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4) | 974.00 | 23.52 |
| 23 05 29 00-0393 | EA | 1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2) | 975.08 | 24.06 |
| 23 05 29 00-0394 | EA | 2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2) | 979.35 | 26.20 |
| 23 05 29 00-0395 | EA | 2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2) | 981.76 | 27.40 |
| 23 05 29 00-0396 | EA | 3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3) | 1,127.53 | 28.06 |
| 23 05 29 00-0397 | EA | 4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4) | 1,130.20 | 29.40 |
| 23 05 29 00-0398 | EA | 5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5) | 1,264.79 | 37.42 |
| 23 05 29 00-0399 | EA | 6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6) | 1,281.89 | 45.98 |
| 23 05 29 00-0400 | | 8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8) | 2,431.27 | 57.47 |
| 23 05 29 00-0401 | EA | 10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10) | 3,703.67 | 68.96 |
| 23 05 29 00-0402 | EA | 12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12) | 4,566.19 | 91.95 |
| 23 05 29 00-0403 | EA | 14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14) | 4,612.99 | 114.95 |
| 23 05 29 00-0404 | EA | 16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16) | 5,561.43 | 129.38 |
| 23 05 29 00-0405 | EA | 18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18) | 5,991.98 | 143.81 |
| 23 05 29 00-0406 | EA | 20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20) | 6,354.84 | 164.40 |
| 23 05 29 00-0407 | EA | 24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24) | 8,045.98 | 172.68 |

### 23 05 29 00-0408 Pipe Alignment Guide, 3" Insulation *(23 05 29 00-0327)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0409 | EA | 1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2) | 971.87 | 22.45 |
| 23 05 29 00-0410 | EA | 3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4) | 972.94 | 22.99 |
| 23 05 29 00-0411 | EA | 1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1) | 974.00 | 23.52 |
| 23 05 29 00-0412 | EA | 1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4) | 975.08 | 24.06 |
| 23 05 29 00-0413 | EA | 1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2) | 976.15 | 24.59 |
| 23 05 29 00-0414 | EA | 2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2) | 1,124.85 | 26.74 |
| 23 05 29 00-0415 | EA | 2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2) | 1,127.53 | 28.06 |
| 23 05 29 00-0416 | EA | 3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3) | 1,129.13 | 28.87 |
| 23 05 29 00-0417 | EA | 4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4) | 1,250.25 | 30.15 |
| 23 05 29 00-0418 | EA | 5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5) | 1,266.92 | 38.49 |
| 23 05 29 00-0419 | EA | 6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6) | 1,415.35 | 47.04 |
| 23 05 29 00-0420 | EA | 8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8) | 2,433.94 | 58.81 |
| 23 05 29 00-0421 | EA | 10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10) | 3,706.87 | 70.58 |
| 23 05 29 00-0422 | EA | 12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12) | 4,570.47 | 94.10 |
| 23 05 29 00-0423 | EA | 14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14) | 4,618.34 | 117.62 |
| 23 05 29 00-0424 | EA | 16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16) | 5,567.85 | 132.59 |
| 23 05 29 00-0425 | EA | 18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18) | 5,998.40 | 147.02 |
| 23 05 29 00-0426 | EA | 20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20) | 6,362.86 | 168.41 |
| 23 05 29 00-0427 | EA | 24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24) | 8,054.53 | 176.96 |

### 23 05 29 00-0428 Pipe Alignment Guide, 3-1/2" Insulation *(23 05 29 00-0327)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0429 | EA | 1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2) | 972.94 | 22.99 |
| 23 05 29 00-0430 | EA | 3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4) | 1,118.43 | 23.52 |
| 23 05 29 00-0431 | EA | 1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1) | 1,119.51 | 24.06 |
| 23 05 29 00-0432 | EA | 1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4) | 1,120.58 | 24.59 |
| 23 05 29 00-0433 | EA | 1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2) | 1,121.65 | 25.12 |
| 23 05 29 00-0434 | EA | 2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2) | 1,126.19 | 27.40 |
| 23 05 29 00-0435 | EA | 2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2) | 1,128.92 | 28.76 |
| 23 05 29 00-0436 | EA | 3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3) | 1,249.12 | 29.60 |
| 23 05 29 00-0437 | EA | 4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4) | 1,251.95 | 31.01 |
| 23 05 29 00-0438 | EA | 5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5) | 1,400.38 | 39.56 |
| 23 05 29 00-0439 | EA | 6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6) | 2,412.55 | 48.12 |
| 23 05 29 00-0440 | EA | 8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8) | 3,686.02 | 60.15 |
| 23 05 29 00-0441 | EA | 10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10) | 4,527.77 | 72.34 |
| 23 05 29 00-0442 | EA | 12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12) | 5,495.13 | 96.23 |
| 23 05 29 00-0443 | EA | 14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14) | 5,543.79 | 120.56 |
| 23 05 29 00-0444 | EA | 16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16) | 5,994.87 | 135.79 |
| 23 05 29 00-0445 | EA | 18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18) | 6,327.57 | 150.76 |
| 23 05 29 00-0446 | EA | 20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20) | 8,044.91 | 172.15 |

### 23 05 29 00-0447 Pipe Alignment Guide, 4" Insulation *(23 05 29 00-0327)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0448 | EA | 1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2) | 1,118.43 | 23.52 |
| 23 05 29 00-0449 | EA | 3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4) | 1,119.51 | 24.06 |
| 23 05 29 00-0450 | EA | 1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1) | 1,120.58 | 24.59 |
| 23 05 29 00-0451 | EA | 1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4) | 1,121.65 | 25.12 |
| 23 05 29 00-0452 | EA | 1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2) | 1,122.71 | 25.66 |
| 23 05 29 00-0453 | EA | 2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2) | 1,246.08 | 28.06 |
| 23 05 29 00-0454 | EA | 2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2) | 1,248.75 | 29.40 |
| 23 05 29 00-0455 | EA | 3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3) | 1,250.56 | 30.31 |
| 23 05 29 00-0456 | EA | 4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4) | 1,384.87 | 31.81 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0457 | EA | 5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5) | 2,397.58 | 40.64 |
| 23 05 29 00-0458 | EA | 6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6) | 2,414.69 | 49.19 |
| 23 05 29 00-0459 | EA | 8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8) | 3,688.70 | 61.48 |
| 23 05 29 00-0460 | EA | 10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10) | 4,531.72 | 74.31 |
| 23 05 29 00-0461 | EA | 12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12) | 5,499.95 | 98.64 |
| 23 05 29 00-0462 | EA | 14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14) | 5,950.28 | 122.97 |
| 23 05 29 00-0463 | EA | 16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16) | 6,304.05 | 139.00 |
| 23 05 29 00-0464 | EA | 18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18) | 8,010.69 | 155.04 |

## 23 05 29 00-0465 Sway Bracing For No Hub Pipe *(23 05 29 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0466 | EA | 1-1/2" Sway Bracing | 126.00 | 14.11 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| 23 05 29 00-0467 | EA | 2" Sway Bracing | 129.89 | 14.86 |
| | | *For Work In Restricted Working Space, Add* | *8.91* | |
| 23 05 29 00-0468 | EA | 3" Sway Bracing | 134.62 | 15.71 |
| | | *For Work In Restricted Working Space, Add* | *9.44* | |
| 23 05 29 00-0469 | EA | 4" Sway Bracing | 152.79 | 17.86 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 05 29 00-0470 | EA | 6" Sway Bracing | 224.30 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |
| 23 05 29 00-0471 | EA | 8" Sway Bracing | 249.27 | 33.36 |
| | | *For Work In Restricted Working Space, Add* | *20.05* | |
| 23 05 29 00-0472 | EA | 10" Sway Bracing | 282.45 | 44.59 |
| | | *For Work In Restricted Working Space, Add* | *26.73* | |

## 23 05 29 00-0473 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) *(23 05 29 00-0001)*

Note: Heights listed is total for base and adjustable saddle

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0474 | EA | 23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 327.23 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0475 | EA | 24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 334.47 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.06* | |
| 23 05 29 00-0476 | EA | 24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 661.35 | 13.37 |
| | | *For Work In Restricted Working Space, Add* | *8.02* | |
| 23 05 29 00-0477 | EA | 24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 809.38 | 14.97 |
| | | *For Work In Restricted Working Space, Add* | *8.98* | |
| 23 05 29 00-0478 | EA | 24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 819.59 | 16.57 |
| | | *For Work In Restricted Working Space, Add* | *9.94* | |
| 23 05 29 00-0479 | EA | 25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 900.91 | 18.72 |
| | | *For Work In Restricted Working Space, Add* | *11.23* | |
| 23 05 29 00-0480 | EA | 25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 1,075.34 | 20.32 |
| | | *For Work In Restricted Working Space, Add* | *12.19* | |
| 23 05 29 00-0481 | EA | 25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 1,087.77 | 21.92 |
| | | *For Work In Restricted Working Space, Add* | *13.15* | |
| 23 05 29 00-0482 | EA | 26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 1,103.68 | 24.06 |
| | | *For Work In Restricted Working Space, Add* | *14.44* | |
| 23 05 29 00-0483 | EA | 28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 1,149.00 | 26.20 |
| | | *For Work In Restricted Working Space, Add* | *15.72* | |
| 23 05 29 00-0484 | EA | 29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 1,230.45 | 28.87 |
| | | *For Work In Restricted Working Space, Add* | *17.32* | |
| 23 05 29 00-0485 | EA | 30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 1,266.79 | 32.07 |
| | | *For Work In Restricted Working Space, Add* | *19.25* | |
| 23 05 29 00-0486 | EA | 32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 1,544.54 | 35.29 |
| | | *For Work In Restricted Working Space, Add* | *21.17* | |
| 23 05 29 00-0487 | EA | 33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 1,684.09 | 39.56 |
| | | *For Work In Restricted Working Space, Add* | *23.74* | |
| 23 05 29 00-0488 | EA | 35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 2,380.91 | 43.84 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 23 05 29 00-0489 | EA | 36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 2,932.08 | 48.12 |
| | | *For Work In Restricted Working Space, Add* | *28.87* | |
| 23 05 29 00-0490 | EA | 39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) | 3,518.65 | 52.39 |
| | | *For Work In Restricted Working Space, Add* | *31.43* | |

## 23 05 29 00-0491 Channel Mounted Cushion Clamp *(23 05 29 00-0001)*

Note: Includes fastening into channel.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0492 | EA | 1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050) | 13.69 | 4.82 |
| 23 05 29 00-0493 | EA | 5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062) | 14.42 | 5.35 |
| 23 05 29 00-0494 | EA | 7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087) | 16.16 | 5.61 |
| 23 05 29 00-0495 | EA | 1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112) | 17.38 | 5.88 |
| 23 05 29 00-0496 | EA | 1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137) | 19.49 | 6.42 |
| 23 05 29 00-0497 | EA | 1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162) | 22.07 | 6.68 |
| 23 05 29 00-0498 | EA | 2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212) | 28.76 | 6.95 |
| 23 05 29 00-0499 | EA | 2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262) | 31.92 | 7.48 |
| 23 05 29 00-0500 | EA | 3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312) | 39.62 | 8.55 |
| 23 05 29 00-0501 | EA | 4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412) | 62.06 | 9.62 |

## 23 05 29 00-0502 Galvanized Steel Cushion Tube Clamp (KMC) *(23 05 29 00-0001)*

Note: Excludes fastening bolt and drilling if necessary.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0503 | EA | 1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe<br>Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw | 3.97 | |
| 23 05 29 00-0504 | EA | 1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe<br>Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw | 4.09 | |
| 23 05 29 00-0505 | EA | 5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe<br>Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw | 4.17 | |
| 23 05 29 00-0506 | EA | 5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe<br>Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw | 4.36 | |
| 23 05 29 00-0507 | EA | 7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe<br>Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw | 4.13 | |
| 23 05 29 00-0508 | EA | 7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe<br>Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw | 4.48 | |
| 23 05 29 00-0509 | EA | 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe<br>Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw | 4.26 | |
| 23 05 29 00-0510 | EA | 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe<br>Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw | 4.69 | |
| 23 05 29 00-0511 | EA | 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe<br>Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw | 4.71 | |
| 23 05 29 00-0512 | EA | 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe<br>Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw | 4.46 | |
| 23 05 29 00-0513 | EA | 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe<br>Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw | 4.66 | |
| 23 05 29 00-0514 | EA | 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe<br>Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw | 5.26 | |
| 23 05 29 00-0515 | EA | 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe<br>Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw | 4.68 | |
| 23 05 29 00-0516 | EA | 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe<br>Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw | 5.07 | |
| 23 05 29 00-0517 | EA | 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe<br>Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw | 5.71 | |
| 23 05 29 00-0518 | EA | 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe<br>Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw | 5.77 | |
| 23 05 29 00-0519 | EA | 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe<br>Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw | 6.13 | |
| 23 05 29 00-0520 | EA | 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe<br>Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw | 6.83 | |
| 23 05 29 00-0521 | EA | 2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe<br>Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw | 7.05 | |
| 23 05 29 00-0522 | EA | 2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe<br>Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw | 8.11 | |
| 23 05 29 00-0523 | EA | 2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe<br>Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw | 8.19 | |
| 23 05 29 00-0524 | EA | 3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe<br>Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw | 7.26 | |
| 23 05 29 00-0525 | EA | 3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe<br>Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw | 8.11 | |
| 23 05 29 00-0526 | EA | 3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe<br>Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw | 8.62 | |
| 23 05 29 00-0527 | EA | 3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe<br>Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw | 7.54 | |
| 23 05 29 00-0528 | EA | 3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe<br>Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw | 8.05 | |
| 23 05 29 00-0529 | EA | 3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe<br>Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw | 10.03 | |
| 23 05 29 00-0530 | EA | 4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe<br>Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw | 7.48 | |
| 23 05 29 00-0531 | EA | 4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe<br>Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw | 8.23 | |
| 23 05 29 00-0532 | EA | 4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe<br>Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw | 10.46 | |

## 23 05 29 00-0533 Rooftop Pipe Supports *(23 05 29 00-0001)*

Note: Excludes pipe/conduit clamps and straps.

## 23 05 29 00-0534 Rooftop Support Base *(23 05 29 00-0533)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0535 | EA | 4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM) | 42.62 | 8.71 |
| 23 05 29 00-0536 | EA | 4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP) | 59.58 | 11.61 |

## 23 05 29 00-0537 Rooftop Support Base With 14 Gauge Galvanized Channel *(23 05 29 00-0533)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0538 | EA | 5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5) | 48.90 | 8.71 |
| 23 05 29 00-0539 | EA | 5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10) | 69.77 | 11.61 |
| 23 05 29 00-0540 | EA | 5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20) | 131.56 | 14.52 |
| 23 05 29 00-0541 | EA | 5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30) | 182.88 | 17.42 |
| 23 05 29 00-0542 | EA | 5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40) | 254.73 | 20.32 |
| 23 05 29 00-0543 | EA | 5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48) | 267.95 | 23.22 |
| **23 05 29 00-0544** | | **Rooftop Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0533)* | | |
| 23 05 29 00-0545 | EA | 6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610) | 86.43 | 11.61 |
| 23 05 29 00-0546 | EA | 6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620) | 138.99 | 14.52 |
| 23 05 29 00-0547 | EA | 6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630) | 185.86 | 17.42 |
| 23 05 29 00-0548 | EA | 6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640) | 254.90 | 20.32 |
| 23 05 29 00-0549 | EA | 6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648) | 288.91 | 17.42 |
| **23 05 29 00-0550** | | **Rooftop Bridge Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0533)* | | |
| 23 05 29 00-0551 | EA | 5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28) | 145.58 | 17.42 |
| 23 05 29 00-0552 | EA | 5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36) | 165.61 | 20.32 |
| 23 05 29 00-0553 | EA | 5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42) | 171.36 | 23.22 |
| 23 05 29 00-0554 | EA | 5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50) | 187.29 | 26.13 |
| 23 05 29 00-0555 | EA | 5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60) | 241.42 | 29.03 |
| **23 05 29 00-0556** | | **Rooftop Pipe Support Base And Rod** *(23 05 29 00-0533)* | | |
| 23 05 29 00-0557 | EA | 9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT) | 106.16 | 11.61 |
| 23 05 29 00-0558 | EA | 9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT) | 106.16 | 11.61 |
| 23 05 29 00-0559 | EA | 9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT) | 106.78 | 11.61 |
| 23 05 29 00-0560 | EA | 10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT) | 113.23 | 14.52 |
| 23 05 29 00-0561 | EA | 10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT) | 108.67 | 14.52 |
| 23 05 29 00-0562 | EA | 10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT) | 114.52 | 14.52 |
| **23 05 29 00-0563** | | **Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly** *(23 05 29 00-0533)* | | |
| 23 05 29 00-0564 | EA | 7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2) | 136.01 | 11.61 |
| 23 05 29 00-0565 | EA | 7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6) | 152.38 | 11.61 |
| 23 05 29 00-0566 | EA | 8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10) | 200.03 | 14.52 |
| 23 05 29 00-0567 | EA | 9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14) | 266.94 | 14.52 |
| 23 05 29 00-0568 | EA | 9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20) | 366.31 | 14.52 |
| **23 05 29 00-0569** | | **Rooftop Support Base And Adjustable Height Roller Assembly** *(23 05 29 00-0533)* | | |
| | | Note: Includes base, two zinc all threaded rod risers and pipe roller. | | |
| 23 05 29 00-0570 | EA | Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12) | 168.26 | 17.42 |
| **23 05 29 00-0571** | | **Rooftop Support Base And Adjustable Height Channel Assembly** *(23 05 29 00-0533)* | | |
| | | Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel. | | |
| 23 05 29 00-0572 | EA | Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8) | 108.98 | 14.52 |
| 23 05 29 00-0573 | EA | Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12) | 149.55 | 17.42 |
| 23 05 29 00-0574 | EA | Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16) | 166.37 | 20.32 |
| **23 05 29 00-0575** | | **Rooftop Support Bases With Channel Support And Risers Assembly** *(23 05 29 00-0533)* | | |
| | | Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length). | | |
| 23 05 29 00-0576 | EA | 23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS) | 412.84 | 23.22 |
| 23 05 29 00-0577 | EA | 29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS) | 417.55 | 23.22 |
| 23 05 29 00-0578 | EA | 41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS) | 434.07 | 23.22 |
| 23 05 29 00-0579 | EA | 53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS) | 471.99 | 23.22 |
| 23 05 29 00-0580 | EA | 23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS) | 404.43 | 23.22 |
| 23 05 29 00-0581 | EA | 29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS) | 420.24 | 23.22 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0582 | EA | 41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS) | 436.76 | 23.22 |
| 23 05 29 00-0583 | EA | 53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS) | 474.67 | 23.22 |
| 23 05 29 00-0584 | EA | 23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS) | 423.22 | 23.22 |
| 23 05 29 00-0585 | EA | 29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS) | 428.74 | 23.22 |
| 23 05 29 00-0586 | EA | 41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS) | 444.94 | 23.22 |
| 23 05 29 00-0587 | EA | 53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS) | 483.01 | 23.22 |
| 23 05 29 00-0588 | EA | 23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS) | 442.41 | 23.22 |
| 23 05 29 00-0589 | EA | 29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS) | 447.45 | 23.22 |
| 23 05 29 00-0590 | EA | 41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS) | 463.65 | 23.22 |
| 23 05 29 00-0591 | EA | 53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS) | 501.72 | 23.22 |

## 23 05 29 00-0592 Threaded Rod, Accessories And Attachments *(23 05 29)*

## 23 05 29 00-0593 Threaded Rod And Rod Accessories *(23 05 29 00-0592)*

## 23 05 29 00-0594 Threaded Rod *(23 05 29 00-0593)*

Note: Fully threaded.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0595 | LF | 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 3.22 | 0.73 |
| | | *For Galvanized, Add* | *0.71* | |
| | | *For Zinc Plated, Add* | *0.50* | |
| | | *For Work In Restricted Working Space, Add* | *0.44* | |
| 23 05 29 00-0596 | LF | 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 4.36 | 0.78 |
| | | *For Galvanized, Add* | *1.13* | |
| | | *For Zinc Plated, Add* | *0.80* | |
| | | *For Work In Restricted Working Space, Add* | *0.46* | |
| 23 05 29 00-0597 | LF | 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 5.96 | 0.81 |
| | | *For Galvanized, Add* | *1.74* | |
| | | *For Zinc Plated, Add* | *1.24* | |
| | | *For Work In Restricted Working Space, Add* | *0.48* | |
| 23 05 29 00-0598 | LF | 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 9.58 | 0.83 |
| | | *For Galvanized, Add* | *3.17* | |
| | | *For Zinc Plated, Add* | *2.26* | |
| | | *For Work In Restricted Working Space, Add* | *0.50* | |
| 23 05 29 00-0599 | LF | 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 10.42 | 0.86 |
| | | *For Galvanized, Add* | *3.48* | |
| | | *For Zinc Plated, Add* | *2.48* | |
| | | *For Work In Restricted Working Space, Add* | *0.51* | |
| 23 05 29 00-0600 | LF | 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 14.16 | 0.97 |
| | | *For Galvanized, Add* | *4.89* | |
| | | *For Zinc Plated, Add* | *3.49* | |
| | | *For Work In Restricted Working Space, Add* | *0.58* | |
| 23 05 29 00-0601 | LF | 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 17.58 | 1.08 |
| | | *For Galvanized, Add* | *6.17* | |
| | | *For Zinc Plated, Add* | *4.40* | |
| | | *For Work In Restricted Working Space, Add* | *0.65* | |

## 23 05 29 00-0602 Rod Couplings *(23 05 29 00-0593)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0603 | EA | 3/8" Diameter, Threaded Rod Coupling Nut | 8.35 | |
| | | *For Work In Restricted Working Space, Add* | *2.14* | |
| 23 05 29 00-0604 | EA | 1/2" Diameter, Threaded Rod Coupling Nut | 9.45 | |
| | | *For Work In Restricted Working Space, Add* | *2.38* | |
| 23 05 29 00-0605 | EA | 5/8" Diameter, Threaded Rod Coupling Nut | 11.63 | |
| | | *For Work In Restricted Working Space, Add* | *2.68* | |
| 23 05 29 00-0606 | EA | 3/4" Diameter, Threaded Rod Coupling Nut | 13.97 | |
| | | *For Work In Restricted Working Space, Add* | *2.92* | |
| 23 05 29 00-0607 | EA | 7/8" Diameter, Threaded Rod Coupling Nut | 19.80 | |
| | | *For Work In Restricted Working Space, Add* | *3.21* | |
| 23 05 29 00-0608 | EA | 1" Diameter, Threaded Rod Coupling Nut | 23.48 | |
| | | *For Work In Restricted Working Space, Add* | *3.77* | |
| 23 05 29 00-0609 | EA | 1-1/8" Diameter, Threaded Rod Coupling Nut | 43.11 | |
| | | *For Work In Restricted Working Space, Add* | *4.28* | |

## 23 05 29 00-0610 Flat Washers *(23 05 29 00-0593)*

Note: Zinc plated.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0611 | EA | 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.59 | 0.23 |
| | | *For Galvanized, Add* | *0.03* | |
| | | *For Work In Restricted Working Space, Add* | *0.14* | |
| 23 05 29 00-0612 | EA | 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.77 | 0.23 |
| | | *For Galvanized, Add* | *0.06* | |
| | | *For Work In Restricted Working Space, Add* | *0.16* | |
| 23 05 29 00-0613 | EA | 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.08 | 0.35 |
| | | *For Galvanized, Add* | *0.11* | |
| | | *For Work In Restricted Working Space, Add* | *0.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0614 | EA | 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.47 | 0.35 |
| | | *For Galvanized, Add* | *0.16* | |
| | | *For Work In Restricted Working Space, Add* | *0.25* | |
| 23 05 29 00-0615 | EA | 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.73 | 0.46 |
| | | *For Galvanized, Add* | *0.19* | |
| | | *For Work In Restricted Working Space, Add* | *0.29* | |
| 23 05 29 00-0616 | EA | 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 2.02 | 0.46 |
| | | *For Galvanized, Add* | *0.24* | |
| | | *For Work In Restricted Working Space, Add* | *0.32* | |
| 23 05 29 00-0617 | EA | 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 2.27 | 0.58 |
| | | *For Galvanized, Add* | *0.27* | |
| | | *For Work In Restricted Working Space, Add* | *0.36* | |
| 23 05 29 00-0618 | | **Hex Nuts** *(23 05 29 00-0593)* | | |
| | | Note: Grade 2 and zinc plated. | | |
| 23 05 29 00-0619 | EA | 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.75 | 0.29 |
| | | *For Galvanized, Add* | *0.02* | |
| | | *For Work In Restricted Working Space, Add* | *0.20* | |
| 23 05 29 00-0620 | EA | 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.93 | 0.29 |
| | | *For Galvanized, Add* | *0.05* | |
| | | *For Work In Restricted Working Space, Add* | *0.22* | |
| 23 05 29 00-0621 | EA | 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.22 | 0.29 |
| | | *For Galvanized, Add* | *0.11* | |
| | | *For Work In Restricted Working Space, Add* | *0.23* | |
| 23 05 29 00-0622 | EA | 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.41 | 0.58 |
| | | *For Galvanized, Add* | *0.15* | |
| | | *For Work In Restricted Working Space, Add* | *0.24* | |
| 23 05 29 00-0623 | EA | 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.99 | 0.58 |
| | | *For Galvanized, Add* | *0.28* | |
| | | *For Work In Restricted Working Space, Add* | *0.26* | |
| 23 05 29 00-0624 | EA | 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 2.50 | 0.58 |
| | | *For Galvanized, Add* | *0.38* | |
| | | *For Work In Restricted Working Space, Add* | *0.29* | |
| 23 05 29 00-0625 | EA | 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 3.97 | 0.58 |
| | | *For Galvanized, Add* | *0.72* | |
| | | *For Work In Restricted Working Space, Add* | *0.32* | |
| 23 05 29 00-0626 | | **Turnbuckle (Cooper B-Line B3202)** *(23 05 29 00-0593)* | | |
| | | Note: Type 13. | | |
| 23 05 29 00-0627 | EA | 3/8" Turnbuckle (Cooper B-Line B3202) | 30.67 | 5.81 |
| | | *For Work In Restricted Working Space, Add* | *3.48* | |
| 23 05 29 00-0628 | EA | 1/2" Turnbuckle (Cooper B-Line B3202) | 36.60 | 6.38 |
| | | *For Work In Restricted Working Space, Add* | *3.87* | |
| 23 05 29 00-0629 | EA | 5/8" Turnbuckle (Cooper B-Line B3202) | 39.30 | 6.97 |
| | | *For Work In Restricted Working Space, Add* | *4.36* | |
| 23 05 29 00-0630 | EA | 3/4" Turnbuckle (Cooper B-Line B3202) | 49.78 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *4.98* | |
| 23 05 29 00-0631 | EA | 7/8" Turnbuckle (Cooper B-Line B3202) | 64.85 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.81* | |
| 23 05 29 00-0632 | EA | 1" Turnbuckle (Cooper B-Line B3202) | 80.65 | 9.30 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 23 05 29 00-0633 | EA | 1-1/8" Turnbuckle (Cooper B-Line B3202) | 112.51 | 10.46 |
| | | *For Work In Restricted Working Space, Add* | *8.71* | |
| 23 05 29 00-0634 | | **Swivel Turnbuckle (Cooper B-Line B3224)** *(23 05 29 00-0593)* | | |
| | | Note: Type 15. | | |
| 23 05 29 00-0635 | EA | 3/8" Swivel Turnbuckle (Cooper B-Line B3224) | 18.63 | 5.81 |
| | | *For Work In Restricted Working Space, Add* | *3.48* | |
| 23 05 29 00-0636 | EA | 1/2" Swivel Turnbuckle (Cooper B-Line B3224) | 21.65 | 6.50 |
| | | *For Work In Restricted Working Space, Add* | *3.87* | |
| 23 05 29 00-0637 | EA | 5/8" Swivel Turnbuckle (Cooper B-Line B3224) | 29.21 | 7.20 |
| | | *For Work In Restricted Working Space, Add* | *4.36* | |
| 23 05 29 00-0638 | EA | 3/4" Swivel Turnbuckle (Cooper B-Line B3224) | 35.48 | 8.25 |
| | | *For Work In Restricted Working Space, Add* | *4.98* | |
| 23 05 29 00-0639 | | **Forged Steel Clevis (Cooper B-Line B3201)** *(23 05 29 00-0593)* | | |
| | | Note: Type 14. | | |
| 23 05 29 00-0640 | EA | 3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201) | 105.52 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0641 | EA | 4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201) | 157.38 | 11.23 |
| | | *For Work In Restricted Working Space, Add* | *6.75* | |
| 23 05 29 00-0642 | EA | 5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201) | 170.33 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 05 29 00-0643 | EA | 5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201) | 177.29 | 12.83 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 23 05 29 00-0644 | EA | 5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201) | 186.22 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 05 29 00-0645 | EA | 6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201) | 312.21 | 18.72 |
| | | *For Work In Restricted Working Space, Add* | *11.23* | |
| 23 05 29 00-0646 | EA | 5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201) | 338.45 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *12.83* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0647 | EA | 7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201) | 398.42 | 26.74 |
| | | *For Work In Restricted Working Space, Add* | *16.04* | |

## 23 05 29 00-0648 Welded Eye Rod (Cooper B-Line B3211) *(23 05 29 00-0593)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0649 | EA | 3/8" Diameter x 8" Length Shank, Welded Eye Rod | 30.31 | 6.27 |
| | | *For Work In Restricted Working Space, Add* | *3.77* | |
| 23 05 29 00-0650 | EA | 3/8" Diameter x 10" Length Shank, Welded Eye Rod | 31.31 | 6.38 |
| | | *For Work In Restricted Working Space, Add* | *3.85* | |
| 23 05 29 00-0651 | EA | 3/8" Diameter x 12" Length Shank, Welded Eye Rod | 32.31 | 6.50 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| 23 05 29 00-0652 | EA | 3/8" Diameter x 14" Length Shank, Welded Eye Rod | 32.56 | 6.62 |
| | | *For Work In Restricted Working Space, Add* | *3.99* | |
| 23 05 29 00-0653 | EA | 3/8" Diameter x 18" Length Shank, Welded Eye Rod | 34.57 | 6.85 |
| | | *For Work In Restricted Working Space, Add* | *4.14* | |
| 23 05 29 00-0654 | EA | 3/8" Diameter x 24" Length Shank, Welded Eye Rod | 36.87 | 7.32 |
| | | *For Work In Restricted Working Space, Add* | *4.36* | |
| 23 05 29 00-0655 | EA | 3/8" Diameter x 30" Length Shank, Welded Eye Rod | 38.34 | 7.66 |
| | | *For Work In Restricted Working Space, Add* | *4.57* | |
| 23 05 29 00-0656 | EA | 3/8" Diameter x 36" Length Shank, Welded Eye Rod | 41.39 | 8.01 |
| | | *For Work In Restricted Working Space, Add* | *4.79* | |
| 23 05 29 00-0657 | EA | 3/8" Diameter x 42" Length Shank, Welded Eye Rod | 43.64 | 8.36 |
| | | *For Work In Restricted Working Space, Add* | *5.01* | |
| 23 05 29 00-0658 | EA | 3/8" Diameter x 48" Length Shank, Welded Eye Rod | 45.92 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.23* | |
| 23 05 29 00-0659 | EA | 1/2" Diameter x 8" Length Shank, Welded Eye Rod | 40.88 | 6.97 |
| | | *For Work In Restricted Working Space, Add* | *4.18* | |
| 23 05 29 00-0660 | EA | 1/2" Diameter x 10" Length Shank, Welded Eye Rod | 41.88 | 7.08 |
| | | *For Work In Restricted Working Space, Add* | *4.25* | |
| 23 05 29 00-0661 | EA | 1/2" Diameter x 12" Length Shank, Welded Eye Rod | 42.93 | 7.20 |
| | | *For Work In Restricted Working Space, Add* | *4.33* | |
| 23 05 29 00-0662 | EA | 1/2" Diameter x 14" Length Shank, Welded Eye Rod | 43.97 | 7.32 |
| | | *For Work In Restricted Working Space, Add* | *4.41* | |
| 23 05 29 00-0663 | EA | 1/2" Diameter x 18" Length Shank, Welded Eye Rod | 46.01 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.57* | |
| 23 05 29 00-0664 | EA | 1/2" Diameter x 24" Length Shank, Welded Eye Rod | 49.87 | 8.02 |
| | | *For Work In Restricted Working Space, Add* | *4.80* | |
| 23 05 29 00-0665 | EA | 1/2" Diameter x 30" Length Shank, Welded Eye Rod | 52.95 | 8.36 |
| | | *For Work In Restricted Working Space, Add* | *5.03* | |
| 23 05 29 00-0666 | EA | 1/2" Diameter x 36" Length Shank, Welded Eye Rod | 56.81 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.26* | |
| 23 05 29 00-0667 | EA | 1/2" Diameter x 42" Length Shank, Welded Eye Rod | 59.86 | 9.18 |
| | | *For Work In Restricted Working Space, Add* | *5.49* | |
| 23 05 29 00-0668 | EA | 1/2" Diameter x 48" Length Shank, Welded Eye Rod | 62.97 | 9.53 |
| | | *For Work In Restricted Working Space, Add* | *5.72* | |
| 23 05 29 00-0669 | EA | 5/8" Diameter x 8" Length Shank, Welded Eye Rod | 55.63 | 7.79 |
| | | *For Work In Restricted Working Space, Add* | *4.68* | |
| 23 05 29 00-0670 | EA | 5/8" Diameter x 10" Length Shank, Welded Eye Rod | 57.41 | 7.90 |
| | | *For Work In Restricted Working Space, Add* | *4.76* | |
| 23 05 29 00-0671 | EA | 5/8" Diameter x 12" Length Shank, Welded Eye Rod | 59.25 | 8.02 |
| | | *For Work In Restricted Working Space, Add* | *4.84* | |
| 23 05 29 00-0672 | EA | 5/8" Diameter x 14" Length Shank, Welded Eye Rod | 60.28 | 8.25 |
| | | *For Work In Restricted Working Space, Add* | *4.92* | |
| 23 05 29 00-0673 | EA | 5/8" Diameter x 18" Length Shank, Welded Eye Rod | 63.12 | 8.48 |
| | | *For Work In Restricted Working Space, Add* | *5.08* | |
| 23 05 29 00-0674 | EA | 5/8" Diameter x 24" Length Shank, Welded Eye Rod | 67.78 | 8.82 |
| | | *For Work In Restricted Working Space, Add* | *5.32* | |
| 23 05 29 00-0675 | EA | 5/8" Diameter x 30" Length Shank, Welded Eye Rod | 72.41 | 9.30 |
| | | *For Work In Restricted Working Space, Add* | *5.56* | |
| 23 05 29 00-0676 | EA | 5/8" Diameter x 36" Length Shank, Welded Eye Rod | 76.30 | 9.64 |
| | | *For Work In Restricted Working Space, Add* | *5.80* | |
| 23 05 29 00-0677 | EA | 5/8" Diameter x 42" Length Shank, Welded Eye Rod | 80.96 | 10.10 |
| | | *For Work In Restricted Working Space, Add* | *6.04* | |
| 23 05 29 00-0678 | EA | 5/8" Diameter x 48" Length Shank, Welded Eye Rod | 85.59 | 10.46 |
| | | *For Work In Restricted Working Space, Add* | *6.28* | |
| 23 05 29 00-0679 | EA | 3/4" Diameter x 8" Length Shank, Welded Eye Rod | 68.52 | 8.82 |
| | | *For Work In Restricted Working Space, Add* | *5.32* | |
| 23 05 29 00-0680 | EA | 3/4" Diameter x 10" Length Shank, Welded Eye Rod | 71.11 | 8.94 |
| | | *For Work In Restricted Working Space, Add* | *5.39* | |
| 23 05 29 00-0681 | EA | 3/4" Diameter x 12" Length Shank, Welded Eye Rod | 72.92 | 9.18 |
| | | *For Work In Restricted Working Space, Add* | *5.48* | |
| 23 05 29 00-0682 | EA | 3/4" Diameter x 14" Length Shank, Welded Eye Rod | 75.51 | 9.30 |
| | | *For Work In Restricted Working Space, Add* | *5.56* | |
| 23 05 29 00-0683 | EA | 3/4" Diameter x 18" Length Shank, Welded Eye Rod | 79.91 | 9.53 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| 23 05 29 00-0684 | EA | 3/4" Diameter x 24" Length Shank, Welded Eye Rod | 86.10 | 9.99 |
| | | *For Work In Restricted Working Space, Add* | *5.97* | |
| 23 05 29 00-0685 | EA | 3/4" Diameter x 30" Length Shank, Welded Eye Rod | 92.32 | 10.33 |
| | | *For Work In Restricted Working Space, Add* | *6.22* | |
| 23 05 29 00-0686 | EA | 3/4" Diameter x 36" Length Shank, Welded Eye Rod | 99.31 | 10.80 |
| | | *For Work In Restricted Working Space, Add* | *6.47* | |
| 23 05 29 00-0687 | EA | 3/4" Diameter x 42" Length Shank, Welded Eye Rod | 106.26 | 11.15 |
| | | *For Work In Restricted Working Space, Add* | *6.71* | |
| 23 05 29 00-0688 | EA | 3/4" Diameter x 48" Length Shank, Welded Eye Rod | 112.49 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *6.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0689 | EA | 7/8" Diameter x 8" Length Shank, Welded Eye Rod | 82.12 | 10.22 |
| | | *For Work In Restricted Working Space, Add* | *6.17* | |
| 23 05 29 00-0690 | EA | 7/8" Diameter x 10" Length Shank, Welded Eye Rod | 85.49 | 10.46 |
| | | *For Work In Restricted Working Space, Add* | *6.25* | |
| 23 05 29 00-0691 | EA | 7/8" Diameter x 12" Length Shank, Welded Eye Rod | 88.09 | 10.57 |
| | | *For Work In Restricted Working Space, Add* | *6.34* | |
| 23 05 29 00-0692 | EA | 7/8" Diameter x 14" Length Shank, Welded Eye Rod | 90.67 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0693 | EA | 7/8" Diameter x 18" Length Shank, Welded Eye Rod | 95.89 | 11.04 |
| | | *For Work In Restricted Working Space, Add* | *6.59* | |
| 23 05 29 00-0694 | EA | 7/8" Diameter x 24" Length Shank, Welded Eye Rod | 104.42 | 11.38 |
| | | *For Work In Restricted Working Space, Add* | *6.85* | |
| 23 05 29 00-0695 | EA | 7/8" Diameter x 30" Length Shank, Welded Eye Rod | 112.21 | 11.85 |
| | | *For Work In Restricted Working Space, Add* | *7.11* | |
| 23 05 29 00-0696 | EA | 7/8" Diameter x 36" Length Shank, Welded Eye Rod | 120.77 | 12.31 |
| | | *For Work In Restricted Working Space, Add* | *7.37* | |
| 23 05 29 00-0697 | EA | 7/8" Diameter x 42" Length Shank, Welded Eye Rod | 128.55 | 12.66 |
| | | *For Work In Restricted Working Space, Add* | *7.62* | |
| 23 05 29 00-0698 | EA | 7/8" Diameter x 48" Length Shank, Welded Eye Rod | 136.35 | 13.12 |
| | | *For Work In Restricted Working Space, Add* | *7.88* | |
| 23 05 29 00-0699 | EA | 1" Diameter x 8" Length Shank, Welded Eye Rod | 103.03 | 12.31 |
| | | *For Work In Restricted Working Space, Add* | *7.36* | |
| 23 05 29 00-0700 | EA | 1" Diameter x 10" Length Shank, Welded Eye Rod | 106.44 | 12.43 |
| | | *For Work In Restricted Working Space, Add* | *7.46* | |
| 23 05 29 00-0701 | EA | 1" Diameter x 12" Length Shank, Welded Eye Rod | 109.85 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.55* | |
| 23 05 29 00-0702 | EA | 1" Diameter x 14" Length Shank, Welded Eye Rod | 113.24 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *7.64* | |
| 23 05 29 00-0703 | EA | 1" Diameter x 18" Length Shank, Welded Eye Rod | 120.03 | 13.12 |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |
| 23 05 29 00-0704 | EA | 1" Diameter x 24" Length Shank, Welded Eye Rod | 130.24 | 13.59 |
| | | *For Work In Restricted Working Space, Add* | *8.13* | |
| 23 05 29 00-0705 | EA | 1" Diameter x 30" Length Shank, Welded Eye Rod | 140.46 | 14.05 |
| | | *For Work In Restricted Working Space, Add* | *8.42* | |
| 23 05 29 00-0706 | EA | 1" Diameter x 36" Length Shank, Welded Eye Rod | 151.39 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *8.71* | |
| 23 05 29 00-0707 | EA | 1" Diameter x 42" Length Shank, Welded Eye Rod | 161.61 | 14.99 |
| | | *For Work In Restricted Working Space, Add* | *9.00* | |
| 23 05 29 00-0708 | EA | 1" Diameter x 48" Length Shank, Welded Eye Rod | 171.83 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |

### 23 05 29 00-0709 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0593)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0710 | EA | 3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod | 64.72 | 8.48 |
| | | *For Work In Restricted Working Space, Add* | *5.11* | |
| 23 05 29 00-0711 | EA | 3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod | 66.46 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.25* | |
| 23 05 29 00-0712 | EA | 3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod | 68.21 | 9.06 |
| | | *For Work In Restricted Working Space, Add* | *5.40* | |
| 23 05 29 00-0713 | EA | 3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod | 68.94 | 9.40 |
| | | *For Work In Restricted Working Space, Add* | *5.62* | |
| 23 05 29 00-0714 | EA | 3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod | 72.20 | 9.76 |
| | | *For Work In Restricted Working Space, Add* | *5.84* | |
| 23 05 29 00-0715 | EA | 3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod | 76.27 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *6.27* | |
| 23 05 29 00-0716 | EA | 3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod | 78.97 | 11.15 |
| | | *For Work In Restricted Working Space, Add* | *6.71* | |
| 23 05 29 00-0717 | EA | 3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod | 84.29 | 11.96 |
| | | *For Work In Restricted Working Space, Add* | *7.14* | |
| 23 05 29 00-0718 | EA | 1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod | 84.10 | 9.41 |
| | | *For Work In Restricted Working Space, Add* | *5.65* | |
| 23 05 29 00-0719 | EA | 1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod | 85.88 | 9.64 |
| | | *For Work In Restricted Working Space, Add* | *5.80* | |
| 23 05 29 00-0720 | EA | 1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod | 87.72 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 23 05 29 00-0721 | EA | 1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod | 89.77 | 10.33 |
| | | *For Work In Restricted Working Space, Add* | *6.19* | |
| 23 05 29 00-0722 | EA | 1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod | 93.08 | 10.69 |
| | | *For Work In Restricted Working Space, Add* | *6.42* | |
| 23 05 29 00-0723 | EA | 1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod | 99.77 | 11.50 |
| | | *For Work In Restricted Working Space, Add* | *6.89* | |
| 23 05 29 00-0724 | EA | 1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod | 105.18 | 12.20 |
| | | *For Work In Restricted Working Space, Add* | *7.35* | |
| 23 05 29 00-0725 | EA | 1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod | 111.86 | 13.01 |
| | | *For Work In Restricted Working Space, Add* | *7.81* | |
| 23 05 29 00-0726 | EA | 5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod | 113.17 | 10.46 |
| | | *For Work In Restricted Working Space, Add* | *6.30* | |
| 23 05 29 00-0727 | EA | 5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod | 116.25 | 10.80 |
| | | *For Work In Restricted Working Space, Add* | *6.47* | |
| 23 05 29 00-0728 | EA | 5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod | 119.37 | 11.04 |
| | | *For Work In Restricted Working Space, Add* | *6.62* | |
| 23 05 29 00-0729 | EA | 5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod | 121.47 | 11.50 |
| | | *For Work In Restricted Working Space, Add* | *6.87* | |
| 23 05 29 00-0730 | EA | 5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod | 126.11 | 11.85 |
| | | *For Work In Restricted Working Space, Add* | *7.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0731 | EA | 5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod | 134.14 | 12.66 |
| | | *For Work In Restricted Working Space, Add* | *7.59* | |
| 23 05 29 00-0732 | EA | 5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod | 142.13 | 13.48 |
| | | *For Work In Restricted Working Space, Add* | *8.07* | |
| 23 05 29 00-0733 | EA | 5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod | 148.87 | 14.28 |
| | | *For Work In Restricted Working Space, Add* | *8.55* | |
| 23 05 29 00-0734 | EA | 3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod | 143.51 | 11.85 |
| | | *For Work In Restricted Working Space, Add* | *7.14* | |
| 23 05 29 00-0735 | EA | 3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod | 147.96 | 12.20 |
| | | *For Work In Restricted Working Space, Add* | *7.31* | |
| 23 05 29 00-0736 | EA | 3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod | 151.04 | 12.43 |
| | | *For Work In Restricted Working Space, Add* | *7.47* | |
| 23 05 29 00-0737 | EA | 3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod | 155.72 | 12.89 |
| | | *For Work In Restricted Working Space, Add* | *7.72* | |
| 23 05 29 00-0738 | EA | 3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod | 162.95 | 13.25 |
| | | *For Work In Restricted Working Space, Add* | *7.96* | |
| 23 05 29 00-0739 | EA | 3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod | 173.56 | 14.05 |
| | | *For Work In Restricted Working Space, Add* | *8.46* | |
| 23 05 29 00-0740 | EA | 3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod | 184.20 | 14.87 |
| | | *For Work In Restricted Working Space, Add* | *8.96* | |
| 23 05 29 00-0741 | EA | 3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod | 196.12 | 15.79 |
| | | *For Work In Restricted Working Space, Add* | *9.45* | |
| 23 05 29 00-0742 | EA | 7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod | 172.54 | 13.71 |
| | | *For Work In Restricted Working Space, Add* | *8.25* | |
| 23 05 29 00-0743 | EA | 7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod | 178.25 | 14.05 |
| | | *For Work In Restricted Working Space, Add* | *8.42* | |
| 23 05 29 00-0744 | EA | 7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod | 182.69 | 14.28 |
| | | *For Work In Restricted Working Space, Add* | *8.60* | |
| 23 05 29 00-0745 | EA | 7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod | 187.37 | 14.76 |
| | | *For Work In Restricted Working Space, Add* | *8.85* | |
| 23 05 29 00-0746 | EA | 7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod | 195.97 | 15.22 |
| | | *For Work In Restricted Working Space, Add* | *9.11* | |
| 23 05 29 00-0747 | EA | 7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod | 210.49 | 16.03 |
| | | *For Work In Restricted Working Space, Add* | *9.63* | |
| 23 05 29 00-0748 | EA | 7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod | 223.74 | 16.96 |
| | | *For Work In Restricted Working Space, Add* | *10.14* | |
| 23 05 29 00-0749 | EA | 7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod | 238.29 | 17.77 |
| | | *For Work In Restricted Working Space, Add* | *10.66* | |
| 23 05 29 00-0750 | EA | 1" Diameter x 16" Length Shank, Linked Welded Eye Rod | 220.12 | 16.38 |
| | | *For Work In Restricted Working Space, Add* | *9.83* | |
| 23 05 29 00-0751 | EA | 1" Diameter x 20" Length Shank, Linked Welded Eye Rod | 225.90 | 16.73 |
| | | *For Work In Restricted Working Space, Add* | *10.03* | |
| 23 05 29 00-0752 | EA | 1" Diameter x 24" Length Shank, Linked Welded Eye Rod | 231.68 | 17.07 |
| | | *For Work In Restricted Working Space, Add* | *10.22* | |
| 23 05 29 00-0753 | EA | 1" Diameter x 30" Length Shank, Linked Welded Eye Rod | 237.79 | 17.54 |
| | | *For Work In Restricted Working Space, Add* | *10.51* | |
| 23 05 29 00-0754 | EA | 1" Diameter x 36" Length Shank, Linked Welded Eye Rod | 248.97 | 18.01 |
| | | *For Work In Restricted Working Space, Add* | *10.80* | |
| 23 05 29 00-0755 | EA | 1" Diameter x 48" Length Shank, Linked Welded Eye Rod | 266.33 | 18.94 |
| | | *For Work In Restricted Working Space, Add* | *11.39* | |
| 23 05 29 00-0756 | EA | 1" Diameter x 60" Length Shank, Linked Welded Eye Rod | 283.69 | 19.98 |
| | | *For Work In Restricted Working Space, Add* | *11.97* | |
| 23 05 29 00-0757 | EA | 1" Diameter x 72" Length Shank, Linked Welded Eye Rod | 302.23 | 20.91 |
| | | *For Work In Restricted Working Space, Add* | *12.55* | |

### 23 05 29 00-0758 Attachments *(23 05 29 00-0592)*

### 23 05 29 00-0759 Welded Beam Attachments (B-Line B-3083) *(23 05 29 00-0758)*

Note: Type 22.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0760 | EA | 3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083) | 49.37 | 11.10 |
| | | *For Work In Restricted Working Space, Add* | *6.66* | |
| 23 05 29 00-0761 | EA | 1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083) | 52.68 | 11.67 |
| | | *For Work In Restricted Working Space, Add* | *7.02* | |
| 23 05 29 00-0762 | EA | 5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083) | 56.09 | 12.33 |
| | | *For Work In Restricted Working Space, Add* | *7.41* | |
| 23 05 29 00-0763 | EA | 3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083) | 71.62 | 13.11 |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |
| 23 05 29 00-0764 | EA | 7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083) | 85.96 | 13.89 |
| | | *For Work In Restricted Working Space, Add* | *8.33* | |
| 23 05 29 00-0765 | EA | 1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083) | 120.59 | 15.89 |
| | | *For Work In Restricted Working Space, Add* | *9.52* | |
| 23 05 29 00-0766 | EA | 1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083) | 170.88 | 16.66 |
| | | *For Work In Restricted Working Space, Add* | *10.00* | |

### 23 05 29 00-0767 C-Clamp Style Beam Clamps (B-Line B-3034) *(23 05 29 00-0758)*

Note: Type 23. Top or bottom flange mount.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0768 | EA | 3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034) | 17.84 | 5.92 |
| | | *For Work In Restricted Working Space, Add* | *4.36* | |
| 23 05 29 00-0769 | EA | 1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034) | 21.24 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.65* | |
| 23 05 29 00-0770 | EA | 5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034) | 24.07 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *4.98* | |
| 23 05 29 00-0771 | EA | 3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034) | 30.84 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.36* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0772 | EA | 7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034) | 44.56 | 9.30 |
| | | *For Work In Restricted Working Space, Add* | *5.81* | |

## 23 05 29 00-0773 Bottom Mount I-Beam Clamps (B-Line B-3055) *(23 05 29 00-0758)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0774 | EA | 3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055) | 48.51 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *5.81* | |
| 23 05 29 00-0775 | EA | 1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055) | 71.09 | 10.46 |
| | | *For Work In Restricted Working Space, Add* | *6.34* | |
| 23 05 29 00-0776 | EA | 5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055) | 101.36 | 11.61 |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 23 05 29 00-0777 | EA | 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055) | 121.27 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *7.75* | |
| 23 05 29 00-0778 | EA | 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055) | 292.60 | 13.94 |
| | | *For Work In Restricted Working Space, Add* | *8.71* | |

## 23 05 29 00-0779 Steel U-Bolts (B-Line B-3188) *(23 05 29 00-0758)*

Note: Type 24. Includes plate and nuts.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0780 | EA | 1/2" Pipe Size, Steel U-Bolt (B-Line B-3188) | 14.53 | 2.90 |
| | | *For Work In Restricted Working Space, Add* | *3.48* | |
| 23 05 29 00-0781 | EA | 3/4" Pipe Size, Steel U-Bolt (B-Line B-3188) | 15.76 | 3.48 |
| | | *For Work In Restricted Working Space, Add* | *3.67* | |
| 23 05 29 00-0782 | EA | 1" Pipe Size, Steel U-Bolt (B-Line B-3188) | 16.95 | 3.48 |
| | | *For Work In Restricted Working Space, Add* | *3.87* | |
| 23 05 29 00-0783 | EA | 1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188) | 19.24 | 3.48 |
| | | *For Work In Restricted Working Space, Add* | *4.10* | |
| 23 05 29 00-0784 | EA | 1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188) | 19.89 | 4.07 |
| | | *For Work In Restricted Working Space, Add* | *4.36* | |
| 23 05 29 00-0785 | EA | 2" Pipe Size, Steel U-Bolt (B-Line B-3188) | 21.28 | 4.07 |
| | | *For Work In Restricted Working Space, Add* | *4.65* | |
| 23 05 29 00-0786 | EA | 2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188) | 30.47 | 4.07 |
| | | *For Work In Restricted Working Space, Add* | *4.97* | |
| 23 05 29 00-0787 | EA | 3" Pipe Size, Steel U-Bolt (B-Line B-3188) | 33.58 | 4.64 |
| | | *For Work In Restricted Working Space, Add* | *5.36* | |
| 23 05 29 00-0788 | EA | 4" Pipe Size, Steel U-Bolt (B-Line B-3188) | 40.50 | 5.23 |
| | | *For Work In Restricted Working Space, Add* | *5.81* | |

## 23 05 29 00-0789 Copper Standoff Brackets With Flange *(23 05 29 00-0758)*

Note: Installed in wood, concrete, concrete block or steel.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0790 | EA | Clamp Size 1/2", Copper Standoff Brackets With Flange | 35.37 | 16.61 |
| | | *For Work In Restricted Working Space, Add* | *9.96* | |
| 23 05 29 00-0791 | EA | Clamp Size 3/4", Copper Standoff Brackets With Flange | 35.50 | 16.61 |
| | | *For Work In Restricted Working Space, Add* | *9.96* | |
| 23 05 29 00-0792 | EA | Clamp Size 1", Copper Standoff Brackets With Flange | 35.64 | 16.61 |
| | | *For Work In Restricted Working Space, Add* | *9.96* | |
| 23 05 29 00-0793 | EA | Clamp Size 1 1/4", Copper Standoff Brackets With Flange | 37.91 | 17.66 |
| | | *For Work In Restricted Working Space, Add* | *10.56* | |
| 23 05 29 00-0794 | EA | Clamp Size 1 1/2", Copper Standoff Brackets With Flange | 38.18 | 17.66 |
| | | *For Work In Restricted Working Space, Add* | *10.56* | |

## 23 05 29 00-0795 Malleable Iron Eye Sockets (B-Line B-3222) *(23 05 29 00-0758)*

Note: Type 16.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0796 | EA | 3/8" Rod Size, Malleable Iron Eye Socket | 10.87 | 1.74 |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| 23 05 29 00-0797 | EA | 1/2" Rod Size, Malleable Iron Eye Socket | 13.86 | 2.33 |
| | | *For Work In Restricted Working Space, Add* | *1.39* | |
| 23 05 29 00-0798 | EA | 5/8" Rod Size, Malleable Iron Eye Socket | 23.63 | 2.33 |
| | | *For Work In Restricted Working Space, Add* | *1.41* | |
| 23 05 29 00-0799 | EA | 3/4" Rod Size, Malleable Iron Eye Socket | 33.18 | 2.33 |
| | | *For Work In Restricted Working Space, Add* | *1.39* | |
| 23 05 29 00-0800 | EA | 7/8" Rod Size, Malleable Iron Eye Socket | 35.89 | 2.90 |
| | | *For Work In Restricted Working Space, Add* | *1.74* | |

## 23 05 29 00-0801 Steel Weldless Eye Nuts (B-Line B-3200) *(23 05 29 00-0758)*

Note: Type 17.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0802 | EA | 3/8" Rod Size, Steel Weldless Eye Nut | 34.92 | 1.74 |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| 23 05 29 00-0803 | EA | 1/2" Rod Size, Steel Weldless Eye Nut | 36.04 | 2.33 |
| | | *For Work In Restricted Working Space, Add* | *1.39* | |
| 23 05 29 00-0804 | EA | 5/8" Rod Size, Steel Weldless Eye Nut | 36.09 | 2.33 |
| | | *For Work In Restricted Working Space, Add* | *1.41* | |
| 23 05 29 00-0805 | EA | 3/4" Rod Size, Steel Weldless Eye Nut | 36.04 | 2.33 |
| | | *For Work In Restricted Working Space, Add* | *1.39* | |
| 23 05 29 00-0806 | EA | 7/8" Rod Size, Steel Weldless Eye Nut | 70.03 | 2.56 |
| | | *For Work In Restricted Working Space, Add* | *1.57* | |
| 23 05 29 00-0807 | EA | 1" Rod Size, Steel Weldless Eye Nut | 70.61 | 2.90 |
| | | *For Work In Restricted Working Space, Add* | *1.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 05 29 00-0808** | | **Top Mount I-Beam Clamps (B-Line B-3042)** *(23 05 29 00-0758)* | | |
| | | Note: For attaching threaded rod to either side of an I-beam. | | |
| 23 05 29 00-0809 | EA | 3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp | 24.43 | 5.55 |
| | | *For Work In Restricted Working Space, Add* | *3.33* | |
| 23 05 29 00-0810 | EA | 1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp | 29.31 | 6.11 |
| | | *For Work In Restricted Working Space, Add* | *3.68* | |
| 23 05 29 00-0811 | EA | 5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp | 35.41 | 6.67 |
| | | *For Work In Restricted Working Space, Add* | *4.04* | |
| 23 05 29 00-0812 | EA | 3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp | 48.31 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *4.25* | |
| 23 05 29 00-0813 | EA | 7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp | 73.73 | 8.33 |
| | | *For Work In Restricted Working Space, Add* | *5.00* | |
| 23 05 29 00-0814 | EA | 3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp | 25.67 | 5.55 |
| | | *For Work In Restricted Working Space, Add* | *3.33* | |
| 23 05 29 00-0815 | EA | 1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp | 31.06 | 6.11 |
| | | *For Work In Restricted Working Space, Add* | *3.68* | |
| 23 05 29 00-0816 | EA | 5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp | 35.41 | 6.67 |
| | | *For Work In Restricted Working Space, Add* | *4.04* | |
| 23 05 29 00-0817 | EA | 3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp | 52.91 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *4.25* | |
| 23 05 29 00-0818 | EA | 7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp | 81.59 | 8.33 |
| | | *For Work In Restricted Working Space, Add* | *5.00* | |
| 23 05 29 00-0819 | EA | 3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp | 28.55 | 5.55 |
| | | *For Work In Restricted Working Space, Add* | *3.33* | |
| 23 05 29 00-0820 | EA | 1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp | 34.30 | 6.11 |
| | | *For Work In Restricted Working Space, Add* | *3.68* | |
| 23 05 29 00-0821 | EA | 5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp | 42.99 | 6.67 |
| | | *For Work In Restricted Working Space, Add* | *4.04* | |
| 23 05 29 00-0822 | EA | 3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp | 61.51 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *4.25* | |
| 23 05 29 00-0823 | EA | 7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp | 98.41 | 8.33 |
| | | *For Work In Restricted Working Space, Add* | *5.00* | |
| **23 05 29 00-0824** | | **Side Beam Brackets (B-Line B-3062)** *(23 05 29 00-0758)* | | |
| | | Note: Type 34. | | |
| 23 05 29 00-0825 | EA | 3/8" Rod Size, Side Beam Bracket | 19.89 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.36* | |
| 23 05 29 00-0826 | EA | 1/2" Rod Size, Side Beam Bracket | 23.46 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.65* | |
| 23 05 29 00-0827 | EA | 5/8" Rod Size, Side Beam Bracket | 30.18 | 8.13 |
| | | *For Work In Restricted Working Space, Add* | *4.98* | |
| 23 05 29 00-0828 | EA | 3/4" Rod Size, Side Beam Bracket | 53.02 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.36* | |
| 23 05 29 00-0829 | EA | 7/8" Rod Size, Side Beam Bracket | 61.98 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.81* | |
| **23 05 29 00-0830** | | **Hex Lag Bolts** *(23 05 29 00-0758)* | | |
| | | Note: Also known as coach screws. | | |
| 23 05 29 00-0831 | EA | 3/8" x 3-1/2" Long, Hex Lag Bolt | 3.02 | |
| | | *For Work In Restricted Working Space, Add* | *0.73* | |
| 23 05 29 00-0832 | EA | 3/8" x 4" Long, Hex Lag Bolt | 3.08 | |
| | | *For Work In Restricted Working Space, Add* | *0.75* | |
| 23 05 29 00-0833 | EA | 3/8" x 6" Long, Hex Lag Bolt | 3.41 | |
| | | *For Work In Restricted Working Space, Add* | *0.78* | |
| 23 05 29 00-0834 | EA | 3/8" x 8" Long, Hex Lag Bolt | 4.03 | |
| | | *For Work In Restricted Working Space, Add* | *0.81* | |
| 23 05 29 00-0835 | EA | 3/8" x 10" Long, Hex Lag Bolt | 4.28 | |
| | | *For Work In Restricted Working Space, Add* | *0.84* | |
| 23 05 29 00-0836 | EA | 3/8" x 12" Long, Hex Lag Bolt | 5.30 | |
| | | *For Work In Restricted Working Space, Add* | *0.87* | |
| 23 05 29 00-0837 | EA | 1/2" x 3-1/2" Long, Hex Lag Bolt | 4.05 | |
| | | *For Work In Restricted Working Space, Add* | *0.87* | |
| 23 05 29 00-0838 | EA | 1/2" x 4" Long, Hex Lag Bolt | 4.12 | |
| | | *For Work In Restricted Working Space, Add* | *0.91* | |
| 23 05 29 00-0839 | EA | 1/2" x 6" Long, Hex Lag Bolt | 4.72 | |
| | | *For Work In Restricted Working Space, Add* | *0.95* | |
| 23 05 29 00-0840 | EA | 1/2" x 8" Long, Hex Lag Bolt | 5.41 | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 23 05 29 00-0841 | EA | 1/2" x 10" Long, Hex Lag Bolt | 6.29 | |
| | | *For Work In Restricted Working Space, Add* | *1.04* | |
| 23 05 29 00-0842 | EA | 1/2" x 12" Long, Hex Lag Bolt | 6.73 | |
| | | *For Work In Restricted Working Space, Add* | *1.09* | |
| 23 05 29 00-0843 | EA | 5/8" x 4" Long, Hex Lag Bolt | 5.46 | |
| | | *For Work In Restricted Working Space, Add* | *0.97* | |
| 23 05 29 00-0844 | EA | 3/4" x 5" Long, Hex Lag Bolt | 6.31 | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| **23 05 29 00-0845** | | **Hanger Strap** *(23 05 29 00-0592)* | | |
| 23 05 29 00-0846 | LF | 3/4" Wide x 0.025" Thick Galvanized Hanger Strap | 5.59 | |
| **23 05 29 00-0847** | | **Shields And Saddles** *(23 05 29)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0848 | | **Insulation Protection Shield** *(23 05 29 00-0847)*<br>Note: Type 40. | | |
| 23 05 29 00-0849 | | **Insulation Protection Shield (Cooper B-Line B3151)** *(23 05 29 00-0848)* | | |
| 23 05 29 00-0850 | EA | 1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) | 17.22 | 2.79 |
| | | *For Work In Restricted Working Space, Add* | *2.79* | |
| 23 05 29 00-0851 | EA | 2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) | 17.47 | 2.82 |
| | | *For Work In Restricted Working Space, Add* | *2.82* | |
| 23 05 29 00-0852 | EA | 2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) | 17.92 | 2.86 |
| | | *For Work In Restricted Working Space, Add* | *2.86* | |
| 23 05 29 00-0853 | EA | 3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) | 18.79 | 2.89 |
| | | *For Work In Restricted Working Space, Add* | *2.89* | |
| 23 05 29 00-0854 | EA | 4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) | 20.88 | 2.96 |
| | | *For Work In Restricted Working Space, Add* | *2.96* | |
| 23 05 29 00-0855 | EA | 6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) | 25.73 | 3.03 |
| | | *For Work In Restricted Working Space, Add* | *3.03* | |
| 23 05 29 00-0856 | EA | 8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151) | 30.10 | 3.10 |
| | | *For Work In Restricted Working Space, Add* | *3.10* | |
| 23 05 29 00-0857 | EA | 10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151) | 37.06 | 3.17 |
| | | *For Work In Restricted Working Space, Add* | *3.17* | |
| 23 05 29 00-0858 | EA | 12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151) | 47.94 | 3.20 |
| | | *For Work In Restricted Working Space, Add* | *3.21* | |
| 23 05 29 00-0859 | EA | 14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151) | 52.32 | 3.24 |
| | | *For Work In Restricted Working Space, Add* | *3.24* | |
| 23 05 29 00-0860 | EA | 16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151) | 72.52 | 3.27 |
| | | *For Work In Restricted Working Space, Add* | *3.28* | |
| 23 05 29 00-0861 | EA | 18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151) | 81.63 | 3.31 |
| | | *For Work In Restricted Working Space, Add* | *3.31* | |
| 23 05 29 00-0862 | EA | 20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151) | 152.58 | 3.34 |
| | | *For Work In Restricted Working Space, Add* | *3.35* | |
| 23 05 29 00-0863 | EA | 24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151) | 165.95 | 3.41 |
| | | *For Work In Restricted Working Space, Add* | *3.41* | |
| 23 05 29 00-0864 | EA | 30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151) | 200.84 | 3.49 |
| | | *For Work In Restricted Working Space, Add* | *3.48* | |
| 23 05 29 00-0865 | | **Insulation Protection Shield (Cooper B-Line B3154)** *(23 05 29 00-0848)* | | |
| 23 05 29 00-0866 | EA | 1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154) | 15.04 | 2.79 |
| | | *For Work In Restricted Working Space, Add* | *2.79* | |
| 23 05 29 00-0867 | EA | 2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154) | 15.25 | 2.82 |
| | | *For Work In Restricted Working Space, Add* | *2.82* | |
| 23 05 29 00-0868 | EA | 2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154) | 15.61 | 2.86 |
| | | *For Work In Restricted Working Space, Add* | *2.86* | |
| 23 05 29 00-0869 | EA | 3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154) | 16.27 | 2.89 |
| | | *For Work In Restricted Working Space, Add* | *2.89* | |
| 23 05 29 00-0870 | EA | 4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154) | 17.86 | 2.96 |
| | | *For Work In Restricted Working Space, Add* | *2.96* | |
| 23 05 29 00-0871 | EA | 6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154) | 21.43 | 3.03 |
| | | *For Work In Restricted Working Space, Add* | *3.03* | |
| 23 05 29 00-0872 | EA | 8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154) | 23.10 | 3.10 |
| | | *For Work In Restricted Working Space, Add* | *3.10* | |
| 23 05 29 00-0873 | EA | 10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154) | 29.78 | 3.17 |
| | | *For Work In Restricted Working Space, Add* | *3.17* | |
| 23 05 29 00-0874 | EA | 12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154) | 35.99 | 3.20 |
| | | *For Work In Restricted Working Space, Add* | *3.21* | |
| 23 05 29 00-0875 | | **Pipe Covering Protection Saddle** *(23 05 29 00-0847)*<br>Note: Sizes are pipe sizes. | | |
| 23 05 29 00-0876 | | **Saddle, For 1" Insulation (Cooper B-Line B3160)** *(23 05 29 00-0875)* | | |
| 23 05 29 00-0877 | EA | 3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 26.94 | 3.93 |
| | | *For Work In Restricted Working Space, Add* | *3.93* | |
| 23 05 29 00-0878 | EA | 1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 27.05 | 3.97 |
| | | *For Work In Restricted Working Space, Add* | *3.97* | |
| 23 05 29 00-0879 | EA | 1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 27.16 | 4.00 |
| | | *For Work In Restricted Working Space, Add* | *4.00* | |
| 23 05 29 00-0880 | EA | 1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 28.55 | 4.06 |
| | | *For Work In Restricted Working Space, Add* | *4.07* | |
| 23 05 29 00-0881 | EA | 2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 28.67 | 4.10 |
| | | *For Work In Restricted Working Space, Add* | *4.10* | |
| 23 05 29 00-0882 | EA | 2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 29.64 | 4.17 |
| | | *For Work In Restricted Working Space, Add* | *4.17* | |
| 23 05 29 00-0883 | EA | 3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 33.13 | 4.23 |
| | | *For Work In Restricted Working Space, Add* | *4.23* | |
| 23 05 29 00-0884 | EA | 4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 37.38 | 4.30 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 23 05 29 00-0885 | EA | 6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 42.20 | 4.44 |
| | | *For Work In Restricted Working Space, Add* | *4.43* | |
| 23 05 29 00-0886 | EA | 8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 51.70 | 4.59 |
| | | *For Work In Restricted Working Space, Add* | *4.60* | |
| 23 05 29 00-0887 | EA | 10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 57.98 | 4.67 |
| | | *For Work In Restricted Working Space, Add* | *4.67* | |
| 23 05 29 00-0888 | EA | 12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 69.06 | 4.67 |
| | | *For Work In Restricted Working Space, Add* | *4.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0889 | EA | 14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) | 75.55 | 4.83 |
| | | *For Work In Restricted Working Space, Add* | *4.83* | |

## 23 05 29 00-0890 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) *(23 05 29 00-0875)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0891 | EA | 3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 30.62 | 3.93 |
| | | *For Work In Restricted Working Space, Add* | *3.93* | |
| 23 05 29 00-0892 | EA | 1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 30.73 | 3.97 |
| | | *For Work In Restricted Working Space, Add* | *3.97* | |
| 23 05 29 00-0893 | EA | 1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 30.84 | 4.00 |
| | | *For Work In Restricted Working Space, Add* | *4.00* | |
| 23 05 29 00-0894 | EA | 1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 31.99 | 4.06 |
| | | *For Work In Restricted Working Space, Add* | *4.07* | |
| 23 05 29 00-0895 | EA | 2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 34.67 | 4.10 |
| | | *For Work In Restricted Working Space, Add* | *4.10* | |
| 23 05 29 00-0896 | EA | 2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 37.44 | 4.17 |
| | | *For Work In Restricted Working Space, Add* | *4.17* | |
| 23 05 29 00-0897 | EA | 3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 38.07 | 4.23 |
| | | *For Work In Restricted Working Space, Add* | *4.23* | |
| 23 05 29 00-0898 | EA | 4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 43.46 | 4.23 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 23 05 29 00-0899 | EA | 6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 49.08 | 4.44 |
| | | *For Work In Restricted Working Space, Add* | *4.43* | |
| 23 05 29 00-0900 | EA | 8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 58.45 | 4.59 |
| | | *For Work In Restricted Working Space, Add* | *4.60* | |
| 23 05 29 00-0901 | EA | 10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 65.96 | 4.67 |
| | | *For Work In Restricted Working Space, Add* | *4.67* | |
| 23 05 29 00-0902 | EA | 12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 78.90 | 4.76 |
| | | *For Work In Restricted Working Space, Add* | *4.77* | |
| 23 05 29 00-0903 | EA | 14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) | 86.60 | 4.83 |
| | | *For Work In Restricted Working Space, Add* | *4.83* | |

## 23 05 29 00-0904 Saddle, For 2" Insulation (Cooper B-Line B3162) *(23 05 29 00-0875)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0905 | EA | 3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 32.80 | 4.13 |
| | | *For Work In Restricted Working Space, Add* | *4.13* | |
| 23 05 29 00-0906 | EA | 1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 32.92 | 4.17 |
| | | *For Work In Restricted Working Space, Add* | *4.17* | |
| 23 05 29 00-0907 | EA | 1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 34.74 | 4.20 |
| | | *For Work In Restricted Working Space, Add* | *4.20* | |
| 23 05 29 00-0908 | EA | 1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 35.84 | 4.27 |
| | | *For Work In Restricted Working Space, Add* | *4.27* | |
| 23 05 29 00-0909 | EA | 2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 36.81 | 4.30 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 23 05 29 00-0910 | EA | 2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 37.03 | 4.37 |
| | | *For Work In Restricted Working Space, Add* | *4.37* | |
| 23 05 29 00-0911 | EA | 3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 39.24 | 4.45 |
| | | *For Work In Restricted Working Space, Add* | *4.43* | |
| 23 05 29 00-0912 | EA | 4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 41.43 | 4.51 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 23 05 29 00-0913 | EA | 6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 53.38 | 4.66 |
| | | *For Work In Restricted Working Space, Add* | *4.67* | |
| 23 05 29 00-0914 | EA | 8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 60.76 | 4.83 |
| | | *For Work In Restricted Working Space, Add* | *4.83* | |
| 23 05 29 00-0915 | EA | 10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 63.88 | 4.90 |
| | | *For Work In Restricted Working Space, Add* | *4.90* | |
| 23 05 29 00-0916 | EA | 12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 87.04 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *5.00* | |
| 23 05 29 00-0917 | EA | 14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 96.64 | 5.08 |
| | | *For Work In Restricted Working Space, Add* | *5.06* | |
| 23 05 29 00-0918 | EA | 16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 106.47 | 5.20 |
| | | *For Work In Restricted Working Space, Add* | *5.20* | |
| 23 05 29 00-0919 | EA | 18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 116.28 | 5.34 |
| | | *For Work In Restricted Working Space, Add* | *5.33* | |
| 23 05 29 00-0920 | EA | 20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 127.73 | 5.46 |
| | | *For Work In Restricted Working Space, Add* | *5.47* | |
| 23 05 29 00-0921 | EA | 24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) | 146.63 | 5.60 |
| | | *For Work In Restricted Working Space, Add* | *5.60* | |

## 23 05 29 00-0922 Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) *(23 05 29 00-0875)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0923 | EA | 1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 36.93 | 4.30 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 23 05 29 00-0924 | EA | 1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 39.08 | 4.36 |
| | | *For Work In Restricted Working Space, Add* | *4.37* | |
| 23 05 29 00-0925 | EA | 2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 40.16 | 4.41 |
| | | *For Work In Restricted Working Space, Add* | *4.40* | |
| 23 05 29 00-0926 | EA | 2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 41.35 | 4.48 |
| | | *For Work In Restricted Working Space, Add* | *4.46* | |
| 23 05 29 00-0927 | EA | 3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 41.69 | 4.55 |
| | | *For Work In Restricted Working Space, Add* | *4.57* | |
| 23 05 29 00-0928 | EA | 4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 48.84 | 4.63 |
| | | *For Work In Restricted Working Space, Add* | *4.63* | |
| 23 05 29 00-0929 | EA | 6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 56.22 | 4.76 |
| | | *For Work In Restricted Working Space, Add* | *4.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0930 | EA | 8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 65.83 | 4.94 |
| | | *For Work In Restricted Working Space, Add* | *4.93* | |
| 23 05 29 00-0931 | EA | 10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 70.72 | 5.02 |
| | | *For Work In Restricted Working Space, Add* | *5.03* | |
| 23 05 29 00-0932 | EA | 12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 89.30 | 5.12 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| 23 05 29 00-0933 | EA | 14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 106.55 | 5.20 |
| | | *For Work In Restricted Working Space, Add* | *5.20* | |
| 23 05 29 00-0934 | EA | 16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 124.01 | 5.32 |
| | | *For Work In Restricted Working Space, Add* | *5.33* | |
| 23 05 29 00-0935 | EA | 18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 131.87 | 5.45 |
| | | *For Work In Restricted Working Space, Add* | *5.47* | |
| 23 05 29 00-0936 | EA | 20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 140.60 | 5.60 |
| | | *For Work In Restricted Working Space, Add* | *5.60* | |
| 23 05 29 00-0937 | EA | 24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) | 149.35 | 5.73 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |

### 23 05 29 00-0938 Saddle, For 3" Insulation (Cooper B-Line B3164) *(23 05 29 00-0875)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0939 | EA | 2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 41.58 | 4.51 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 23 05 29 00-0940 | EA | 2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 45.57 | 4.58 |
| | | *For Work In Restricted Working Space, Add* | *4.60* | |
| 23 05 29 00-0941 | EA | 3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 47.61 | 4.66 |
| | | *For Work In Restricted Working Space, Add* | *4.67* | |
| 23 05 29 00-0942 | EA | 4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 49.66 | 4.73 |
| | | *For Work In Restricted Working Space, Add* | *4.73* | |
| 23 05 29 00-0943 | EA | 6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 57.43 | 4.88 |
| | | *For Work In Restricted Working Space, Add* | *4.87* | |
| 23 05 29 00-0944 | EA | 8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 72.72 | 5.05 |
| | | *For Work In Restricted Working Space, Add* | *5.06* | |
| 23 05 29 00-0945 | EA | 10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 79.06 | 5.13 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| 23 05 29 00-0946 | EA | 12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 103.88 | 5.24 |
| | | *For Work In Restricted Working Space, Add* | *5.23* | |
| 23 05 29 00-0947 | EA | 14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 124.68 | 5.32 |
| | | *For Work In Restricted Working Space, Add* | *5.33* | |
| 23 05 29 00-0948 | EA | 16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 145.48 | 5.44 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| 23 05 29 00-0949 | EA | 18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 148.23 | 5.59 |
| | | *For Work In Restricted Working Space, Add* | *5.60* | |
| 23 05 29 00-0950 | EA | 20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 150.88 | 5.72 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| 23 05 29 00-0951 | EA | 24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) | 192.51 | 5.86 |
| | | *For Work In Restricted Working Space, Add* | *5.87* | |

### 23 05 29 00-0952 Saddle, For 4" Insulation (Cooper B-Line B3165) *(23 05 29 00-0875)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0953 | EA | 2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 47.22 | 4.60 |
| | | *For Work In Restricted Working Space, Add* | *4.60* | |
| 23 05 29 00-0954 | EA | 2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 51.95 | 4.69 |
| | | *For Work In Restricted Working Space, Add* | *4.70* | |
| 23 05 29 00-0955 | EA | 3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 54.36 | 4.76 |
| | | *For Work In Restricted Working Space, Add* | *4.77* | |
| 23 05 29 00-0956 | EA | 4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 56.89 | 4.83 |
| | | *For Work In Restricted Working Space, Add* | *4.83* | |
| 23 05 29 00-0957 | EA | 6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 70.08 | 4.99 |
| | | *For Work In Restricted Working Space, Add* | *5.00* | |
| 23 05 29 00-0958 | EA | 8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 83.27 | 5.18 |
| | | *For Work In Restricted Working Space, Add* | *5.16* | |
| 23 05 29 00-0959 | EA | 10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 86.14 | 5.25 |
| | | *For Work In Restricted Working Space, Add* | *5.27* | |
| 23 05 29 00-0960 | EA | 12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 111.13 | 5.37 |
| | | *For Work In Restricted Working Space, Add* | *5.36* | |
| 23 05 29 00-0961 | EA | 14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 135.71 | 5.43 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| 23 05 29 00-0962 | EA | 16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 160.52 | 5.58 |
| | | *For Work In Restricted Working Space, Add* | *5.57* | |
| 23 05 29 00-0963 | EA | 18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 197.14 | 5.71 |
| | | *For Work In Restricted Working Space, Add* | *5.70* | |
| 23 05 29 00-0964 | EA | 20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 233.57 | 5.85 |
| | | *For Work In Restricted Working Space, Add* | *5.87* | |
| 23 05 29 00-0965 | EA | 24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 250.08 | 6.00 |
| | | *For Work In Restricted Working Space, Add* | *6.00* | |
| 23 05 29 00-0966 | EA | 30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 263.29 | 6.15 |
| | | *For Work In Restricted Working Space, Add* | *6.17* | |
| 23 05 29 00-0967 | EA | 36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) | 273.06 | 6.31 |
| | | *For Work In Restricted Working Space, Add* | *6.30* | |

### 23 05 29 00-0968 Adjustable Pipe Saddle Support (Cooper B-Line B3096) *(23 05 29 00-0847)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-0969 | EA | 2" Adjustable Pipe Saddle Support (Cooper B-Line B3096) | 106.76 | 14.52 |
| 23 05 29 00-0970 | EA | 3" Adjustable Pipe Saddle Support (Cooper B-Line B3096) | 112.73 | 16.84 |
| 23 05 29 00-0971 | EA | 4" Adjustable Pipe Saddle Support (Cooper B-Line B3096) | 137.28 | 19.17 |
| 23 05 29 00-0972 | EA | 5" Adjustable Pipe Saddle Support (Cooper B-Line B3096) | 142.90 | 20.91 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-0973 | EA | 6" Adjustable Pipe Saddle Support (Cooper B-Line B3096) | 158.55 | 23.23 |
| 23 05 29 00-0974 | EA | 8" Adjustable Pipe Saddle Support (Cooper B-Line B3096) | 179.34 | 29.04 |
| 23 05 29 00-0975 | EA | 10" Adjustable Pipe Saddle Support (Cooper B-Line B3096) | 234.27 | 38.91 |
| 23 05 29 00-0976 | EA | 12" Adjustable Pipe Saddle Support (Cooper B-Line B3096) | 285.99 | 58.08 |
| 23 05 29 00-0977 | | Pipe Stanchion Support (Cooper B-Line B3090) *(23 05 29 00-0847)* | | |
| 23 05 29 00-0978 | EA | 2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 133.32 | 14.52 |
| 23 05 29 00-0979 | EA | 3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 137.47 | 16.84 |
| 23 05 29 00-0980 | EA | 3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 147.22 | 18.01 |
| 23 05 29 00-0981 | EA | 4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 149.93 | 19.17 |
| 23 05 29 00-0982 | EA | 5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 157.45 | 20.91 |
| 23 05 29 00-0983 | EA | 6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 166.56 | 23.23 |
| 23 05 29 00-0984 | EA | 8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 211.66 | 29.04 |
| 23 05 29 00-0985 | EA | 10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 285.70 | 38.91 |
| 23 05 29 00-0986 | EA | 12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) | 371.12 | 58.08 |
| 23 05 29 00-0987 | | Pipe Saddle Support (Cooper B-Line B3095) *(23 05 29 00-0847)* | | |
| 23 05 29 00-0988 | EA | 2-1/2" Pipe Saddle Support (Cooper B-Line B3095) | 66.00 | 14.52 |
| 23 05 29 00-0989 | EA | 3" Pipe Saddle Support (Cooper B-Line B3095) | 70.15 | 16.84 |
| 23 05 29 00-0990 | EA | 3-1/2" Pipe Saddle Support (Cooper B-Line B3095) | 108.19 | 18.01 |
| 23 05 29 00-0991 | EA | 4" Pipe Saddle Support (Cooper B-Line B3095) | 110.90 | 19.17 |
| 23 05 29 00-0992 | EA | 5" Pipe Saddle Support (Cooper B-Line B3095) | 122.05 | 20.91 |
| 23 05 29 00-0993 | EA | 6" Pipe Saddle Support (Cooper B-Line B3095) | 135.28 | 23.23 |
| 23 05 29 00-0994 | EA | 8" Pipe Saddle Support (Cooper B-Line B3095) | 154.34 | 29.04 |
| 23 05 29 00-0995 | EA | 10" Pipe Saddle Support (Cooper B-Line B3095) | 178.38 | 38.91 |
| 23 05 29 00-0996 | EA | 12" Pipe Saddle Support (Cooper B-Line B3095) | 222.18 | 58.08 |
| 23 05 29 00-0997 | | 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0847)* | | |
| | | Note: Insert is for use as isolated protective insulation at hangers. | | |
| 23 05 29 00-0998 | | 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0997)* | | |
| 23 05 29 00-0999 | EA | 1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 14.95 | 6.67 |
| 23 05 29 00-1000 | EA | 3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 15.20 | 6.67 |
| 23 05 29 00-1001 | EA | 1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 15.27 | 6.67 |
| 23 05 29 00-1002 | EA | 1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 15.52 | 6.67 |
| 23 05 29 00-1003 | EA | 1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 16.59 | 7.07 |
| 23 05 29 00-1004 | EA | 2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 17.32 | 7.29 |
| 23 05 29 00-1005 | EA | 2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 18.17 | 7.59 |
| 23 05 29 00-1006 | EA | 3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 19.10 | 7.90 |
| 23 05 29 00-1007 | EA | 4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 20.71 | 8.20 |
| 23 05 29 00-1008 | EA | 6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 21.72 | 7.07 |
| 23 05 29 00-1009 | EA | 8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 33.21 | 9.23 |
| 23 05 29 00-1010 | EA | 10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 39.26 | 10.87 |
| 23 05 29 00-1011 | EA | 12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 44.80 | 12.62 |
| 23 05 29 00-1012 | EA | 14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 50.25 | 13.03 |
| 23 05 29 00-1013 | | 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0997)* | | |
| 23 05 29 00-1014 | EA | 1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 12.74 | 5.03 |
| 23 05 29 00-1015 | EA | 3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 14.01 | 5.03 |
| 23 05 29 00-1016 | EA | 1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 14.32 | 5.13 |
| 23 05 29 00-1017 | EA | 1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 14.79 | 5.23 |
| 23 05 29 00-1018 | EA | 1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 15.23 | 5.23 |
| 23 05 29 00-1019 | EA | 2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 16.00 | 5.44 |
| 23 05 29 00-1020 | EA | 2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 16.92 | 5.64 |
| 23 05 29 00-1021 | EA | 3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 17.39 | 5.74 |
| 23 05 29 00-1022 | EA | 4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 19.12 | 6.26 |
| 23 05 29 00-1023 | EA | 6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 28.70 | 10.77 |
| 23 05 29 00-1024 | EA | 8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 25.74 | 8.10 |
| 23 05 29 00-1025 | EA | 10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 31.14 | 9.54 |
| 23 05 29 00-1026 | EA | 12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 35.38 | 10.97 |
| 23 05 29 00-1027 | EA | 14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 41.80 | 13.23 |
| 23 05 29 00-1028 | | 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0997)* | | |
| 23 05 29 00-1029 | EA | 1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 17.53 | 5.74 |
| 23 05 29 00-1030 | EA | 3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 17.74 | 5.74 |
| 23 05 29 00-1031 | EA | 1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 18.31 | 5.85 |
| 23 05 29 00-1032 | EA | 1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 18.83 | 5.95 |
| 23 05 29 00-1033 | EA | 1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 19.38 | 6.06 |
| 23 05 29 00-1034 | EA | 2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 20.11 | 6.26 |
| 23 05 29 00-1035 | EA | 2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 21.18 | 6.46 |
| 23 05 29 00-1036 | EA | 3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 22.16 | 6.67 |
| 23 05 29 00-1037 | EA | 4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 24.35 | 7.07 |
| 23 05 29 00-1038 | EA | 6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 27.84 | 8.00 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-1039 | EA | 8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 43.48 | 13.65 |
| 23 05 29 00-1040 | EA | 10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 47.68 | 15.80 |
| 23 05 29 00-1041 | EA | 12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 55.09 | 18.67 |
| 23 05 29 00-1042 | EA | 14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 61.77 | 20.93 |
| 23 05 29 00-1043 | EA | 16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 69.02 | 23.59 |
| 23 05 29 00-1044 | EA | 18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 79.19 | 27.70 |
| 23 05 29 00-1045 | EA | 20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 87.93 | 30.78 |
| 23 05 29 00-1046 | EA | 24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 99.37 | 34.88 |
| **23 05 29 00-1047** | | **2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)* | | |
| 23 05 29 00-1048 | EA | 1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 20.08 | 6.67 |
| 23 05 29 00-1049 | EA | 3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 20.31 | 6.67 |
| 23 05 29 00-1050 | EA | 1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 21.03 | 6.77 |
| 23 05 29 00-1051 | EA | 1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 21.56 | 6.87 |
| 23 05 29 00-1052 | EA | 1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 22.10 | 6.87 |
| 23 05 29 00-1053 | EA | 2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 23.01 | 7.19 |
| 23 05 29 00-1054 | EA | 2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 24.21 | 7.39 |
| 23 05 29 00-1055 | EA | 3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 25.34 | 7.70 |
| 23 05 29 00-1056 | EA | 4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 27.81 | 8.10 |
| 23 05 29 00-1057 | EA | 6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 31.84 | 9.23 |
| 23 05 29 00-1058 | EA | 8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 41.43 | 10.26 |
| 23 05 29 00-1059 | EA | 10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 49.25 | 11.80 |
| 23 05 29 00-1060 | EA | 12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 56.66 | 14.67 |
| 23 05 29 00-1061 | EA | 14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 63.76 | 16.10 |
| 23 05 29 00-1062 | EA | 16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 75.92 | 20.52 |
| 23 05 29 00-1063 | EA | 18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 81.35 | 21.55 |
| 23 05 29 00-1064 | EA | 20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 92.43 | 24.62 |
| 23 05 29 00-1065 | EA | 24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 109.14 | 29.75 |
| **23 05 29 00-1066** | | **3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)* | | |
| 23 05 29 00-1067 | EA | 1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 43.11 | 6.87 |
| 23 05 29 00-1068 | EA | 3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 51.29 | 7.19 |
| 23 05 29 00-1069 | EA | 1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 53.32 | 7.19 |
| 23 05 29 00-1070 | EA | 1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 54.61 | 7.39 |
| 23 05 29 00-1071 | EA | 1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 56.14 | 7.59 |
| 23 05 29 00-1072 | EA | 2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 57.85 | 7.70 |
| 23 05 29 00-1073 | EA | 2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 60.91 | 7.90 |
| 23 05 29 00-1074 | EA | 3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 63.59 | 8.41 |
| 23 05 29 00-1075 | EA | 4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 70.10 | 8.72 |
| 23 05 29 00-1076 | EA | 6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 80.20 | 10.67 |
| 23 05 29 00-1077 | EA | 8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 103.77 | 11.70 |
| 23 05 29 00-1078 | EA | 10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 123.45 | 12.32 |
| 23 05 29 00-1079 | EA | 12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 141.68 | 15.90 |
| 23 05 29 00-1080 | EA | 14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 159.52 | 16.93 |
| 23 05 29 00-1081 | EA | 16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 191.01 | 22.57 |
| 23 05 29 00-1082 | EA | 18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 205.62 | 24.62 |
| 23 05 29 00-1083 | EA | 20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 232.86 | 26.68 |
| 23 05 29 00-1084 | EA | 24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 273.57 | 32.83 |
| **23 05 29 00-1085** | | **3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)* | | |
| 23 05 29 00-1086 | EA | 1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 20.08 | 6.67 |
| 23 05 29 00-1087 | EA | 3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 24.26 | 8.10 |
| 23 05 29 00-1088 | EA | 1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 25.27 | 8.10 |
| 23 05 29 00-1089 | EA | 1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 25.86 | 8.20 |
| 23 05 29 00-1090 | EA | 1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 26.59 | 8.31 |
| 23 05 29 00-1091 | EA | 2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 27.57 | 8.62 |
| 23 05 29 00-1092 | EA | 2-1/2" Diameter Pipe, 3-1/2" 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 29.03 | 8.93 |
| 23 05 29 00-1093 | EA | 3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 30.31 | 9.23 |
| 23 05 29 00-1094 | EA | 4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 33.40 | 9.75 |
| 23 05 29 00-1095 | EA | 6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 38.21 | 11.08 |
| 23 05 29 00-1096 | EA | 8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 49.68 | 12.32 |
| 23 05 29 00-1097 | EA | 10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 59.11 | 14.16 |
| 23 05 29 00-1098 | EA | 12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 67.98 | 17.65 |
| 23 05 29 00-1099 | EA | 14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 76.52 | 19.29 |
| 23 05 29 00-1100 | EA | 16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 91.11 | 24.62 |
| 23 05 29 00-1101 | EA | 18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 97.63 | 25.85 |
| 23 05 29 00-1102 | EA | 20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 110.97 | 29.55 |
| 23 05 29 00-1103 | EA | 24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 130.97 | 35.71 |
| **23 05 29 00-1104** | | **4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)* | | |
| 23 05 29 00-1105 | EA | 1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 27.06 | 9.03 |
| 23 05 29 00-1106 | EA | 3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 27.39 | 9.03 |
| 23 05 29 00-1107 | EA | 1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 28.38 | 9.13 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 29 00-1108 | EA | 1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 29.15 | 9.23 |
| 23 05 29 00-1109 | EA | 1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 29.73 | 9.23 |
| 23 05 29 00-1110 | EA | 2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 31.39 | 9.85 |
| 23 05 29 00-1111 | EA | 2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 32.64 | 9.96 |
| 23 05 29 00-1112 | EA | 3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 34.21 | 10.36 |
| 23 05 29 00-1113 | EA | 4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 37.55 | 10.97 |
| 23 05 29 00-1114 | EA | 6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 42.96 | 12.42 |
| 23 05 29 00-1115 | EA | 8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 55.13 | 13.44 |
| 23 05 29 00-1116 | EA | 10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 66.51 | 16.00 |
| 23 05 29 00-1117 | EA | 12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 76.51 | 19.90 |
| 23 05 29 00-1118 | EA | 14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 86.11 | 21.65 |
| 23 05 29 00-1119 | EA | 16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 102.55 | 27.70 |
| 23 05 29 00-1120 | EA | 18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 109.79 | 29.03 |
| 23 05 29 00-1121 | EA | 20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 123.47 | 33.24 |
| 23 05 29 00-1122 | EA | 24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 147.37 | 40.22 |
| 23 05 29 00-1123 | EA | 26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 168.39 | 47.30 |
| 23 05 29 00-1124 | EA | 28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 192.02 | 55.81 |
| 23 05 29 00-1125 | EA | 30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 217.84 | 65.97 |
| 23 05 29 00-1126 | EA | 42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 313.17 | 101.88 |
| 23 05 29 00-1127 | EA | 44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 337.79 | 112.14 |
| 23 05 29 00-1128 | EA | 46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate | 360.25 | 121.06 |

## 23 05 29 00-1129 Equipment Housekeeping Pads *(23 05 29)*

See CSI section 03 31 13 00-0091 for Concrete Equipment Pads.

## 23 05 29 00-1130 Molded Plastic Condenser Pad *(23 05 29 00-1129)*

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-1131 | EA | 30" Round Molded Plastic Pad | 131.81 | 14.52 |
| 23 05 29 00-1132 | EA | 30" Octagon Molded Plastic Pad | 138.57 | 14.52 |
| 23 05 29 00-1133 | EA | 30" x 30" Molded Plastic Pad | 131.81 | 14.52 |
| 23 05 29 00-1134 | EA | 36" x 36" Molded Plastic Pad | 172.32 | 14.52 |
| 23 05 29 00-1135 | EA | 36" x 48" Molded Plastic Pad | 248.11 | 14.52 |

## 23 05 29 00-1136 Inertia Base *(23 05 29 00-1129)*

Note: Includes spring isolators.

| | | | |
|---|---|---|---|
| 23 05 29 00-1137 | EA | Up To 12 SF Inertia Base, 8" Thick With Spring Base | 1,660.63 |
| 23 05 29 00-1138 | EA | >12 To 16 SF Inertia Base, 8" Thick With Spring Base | 2,005.07 |
| 23 05 29 00-1139 | EA | >16 To 20 SF Inertia Base, 8" Thick With Spring Base | 2,296.55 |
| 23 05 29 00-1140 | EA | >20 To 24 SF Inertia Base, 8" Thick With Spring Base | 2,623.34 |

## 23 05 29 00-1141 Hanger Assemblies *(23 05 29)*

Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.

| | | | | |
|---|---|---|---|---|
| 23 05 29 00-1142 | EA | 1/2" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 50.06 | 18.06 |
| | | *For Work In Restricted Working Space, Add* | *11.62* | |
| 23 05 29 00-1143 | EA | 3/4" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 52.20 | 19.13 |
| | | *For Work In Restricted Working Space, Add* | *12.26* | |
| 23 05 29 00-1144 | EA | 1" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 55.02 | 20.77 |
| | | *For Work In Restricted Working Space, Add* | *13.08* | |
| 23 05 29 00-1145 | EA | 1-1/4" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 56.02 | 20.80 |
| | | *For Work In Restricted Working Space, Add* | *13.28* | |
| 23 05 29 00-1146 | EA | 1-1/2" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 56.32 | 20.80 |
| | | *For Work In Restricted Working Space, Add* | *13.28* | |
| 23 05 29 00-1147 | EA | 2" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 57.57 | 20.97 |
| | | *For Work In Restricted Working Space, Add* | *13.47* | |
| 23 05 29 00-1148 | EA | 2-1/2" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 62.95 | 20.61 |
| | | *For Work In Restricted Working Space, Add* | *12.60* | |
| 23 05 29 00-1149 | EA | 3" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 65.12 | 21.21 |
| | | *For Work In Restricted Working Space, Add* | *12.80* | |
| 23 05 29 00-1150 | EA | 4" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 78.36 | 23.94 |
| | | *For Work In Restricted Working Space, Add* | *14.13* | |
| 23 05 29 00-1151 | EA | 6" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 116.34 | 30.94 |
| | | *For Work In Restricted Working Space, Add* | *18.56* | |
| 23 05 29 00-1152 | EA | 8" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 136.26 | 35.89 |
| | | *For Work In Restricted Working Space, Add* | *21.53* | |
| 23 05 29 00-1153 | EA | 10" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 190.17 | 45.59 |
| | | *For Work In Restricted Working Space, Add* | *27.01* | |
| 23 05 29 00-1154 | EA | 12" Standard Duty Clevis Pipe Hanger Assembly<br>Note: Includes hanger, rod, nuts, washers and clamp. | 210.12 | 49.06 |
| | | *For Work In Restricted Working Space, Add* | *29.49* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 05 29 00-1155** | | **Steel Shapes For Hanger Devices** *(23 05 29)* | | |
| **23 05 29 00-1156** | | **Angle Iron For Hanger Devices** *(23 05 29 00-1155)* | | |
| 23 05 29 00-1157 | LF | 1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices | 2.86 | 1.69 |
| 23 05 29 00-1158 | LF | 3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices | 3.76 | 2.11 |
| 23 05 29 00-1159 | LF | 1" x 1" x 1/8" Angle Iron For Hanger Devices | 4.65 | 2.52 |
| 23 05 29 00-1160 | LF | 1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices | 6.57 | 3.14 |
| 23 05 29 00-1161 | LF | 1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices | 7.39 | 3.37 |
| 23 05 29 00-1162 | LF | 2" x 2" x 1/4" Angle Iron For Hanger Devices | 10.18 | 3.79 |
| 23 05 29 00-1163 | LF | 2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices | 12.72 | 4.61 |
| 23 05 29 00-1164 | LF | 3" x 2" x 3/8" Angle Iron For Hanger Devices | 16.69 | 5.41 |
| 23 05 29 00-1165 | LF | 3" x 3" x 3/8" Angle Iron For Hanger Devices | 19.99 | 6.32 |
| **23 05 29 00-1166** | | **Channels For Hanger Devices** *(23 05 29 00-1155)* | | |
| 23 05 29 00-1167 | LF | C2 x 1.78, 2" Wide Channels For Hanger Devices | 7.94 | 3.84 |
| 23 05 29 00-1168 | LF | C3 x 4.1, 3" Wide Channels For Hanger Devices | 13.97 | 5.52 |
| 23 05 29 00-1169 | LF | C4 x 5.4, 4" Wide Channels For Hanger Devices | 17.53 | 6.63 |
| 23 05 29 00-1170 | LF | C5 x 6.7 - 5" Wide Channels For Hanger Devices | 21.10 | 7.74 |
| 23 05 29 00-1171 | LF | C6 x 8.2 - 6" Wide Channels For Hanger Devices | 25.58 | 9.29 |
| 23 05 29 00-1172 | LF | C7 x 9.8 - 7" Wide Channels For Hanger Devices | 30.52 | 11.06 |
| 23 05 29 00-1173 | LF | C8 x 11.5 - 8" Wide Channels For Hanger Devices | 34.73 | 12.17 |
| **23 05 29 00-1174** | | **Structural Bar Tees For Hanger Devices** *(23 05 29 00-1155)* | | |
| 23 05 29 00-1175 | LF | 3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices | 8.40 | 5.41 |
| 23 05 29 00-1176 | LF | 1" x 1" x 1/8" Structural Bar Tee For Hanger Devices | 10.10 | 6.38 |
| 23 05 29 00-1177 | LF | 1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices | 15.07 | 7.37 |
| 23 05 29 00-1178 | LF | 2" x 2" x 1/4" Structural Bar Tee For Hanger Devices | 19.44 | 9.83 |
| 23 05 29 00-1179 | LF | 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices | 27.17 | 11.79 |
| 23 05 29 00-1180 | LF | 3" x 3" x 3/8" Structural Bar Tee For Hanger Devices | 33.98 | 15.24 |
| **23 05 29 00-1181** | | **Structural Zees For Hanger Devices** *(23 05 29 00-1155)* | | |
| 23 05 29 00-1182 | LF | 1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices | 15.09 | 7.37 |
| 23 05 29 00-1183 | LF | 2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices | 18.70 | 7.37 |
| 23 05 29 00-1184 | LF | 3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices | 27.77 | 7.37 |
| 23 05 29 00-1185 | LF | 3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices | 35.53 | 7.37 |
| 23 05 29 00-1186 | LF | 3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices | 43.87 | 7.37 |
| **23 05 29 00-1187** | | **Junior I-beams For Hanger Devices** *(23 05 29 00-1155)* | | |
| 23 05 29 00-1188 | LF | 3" I-beam (Junior) For Hanger Devices | 18.31 | 10.81 |
| 23 05 29 00-1189 | LF | 4" I-beam (Junior) For Hanger Devices | 21.25 | 11.79 |
| 23 05 29 00-1190 | LF | 5" I-beam (Junior) For Hanger Devices | 24.80 | 12.78 |
| 23 05 29 00-1191 | LF | 6" I-beam (Junior) For Hanger Devices | 27.15 | 14.25 |
| 23 05 29 00-1192 | LF | 7" I-beam (Junior) For Hanger Devices | 32.84 | 15.24 |
| 23 05 29 00-1193 | LF | 8" I-beam (Junior) For Hanger Devices | 35.63 | 16.22 |

## 23 05 33 Heat Tracing for HVAC Piping *(23 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

## 23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

### 23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

**23 05 48 13-0001 Unhoused Stable Steel Spring Isolators** *(23 05 48 13)*

Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.

| | | | | |
|---|---|---|---|---|
| 23 05 48 13-0002 | EA | 60 LB Unhoused Steel Spring Isolator | 105.11 | 32.51 |
| 23 05 48 13-0003 | EA | 115 LB Unhoused Steel Spring Isolator | 111.61 | 32.51 |
| 23 05 48 13-0004 | EA | 1,130 LB Unhoused Steel Spring Isolator | 133.17 | 32.51 |
| **23 05 48 13-0005** | | **Vibration Isolators** *(23 05 48 13)* | | |
| **23 05 48 13-0006** | | **Spring And Rubber Hanger For 1" Deflection** *(23 05 48 13-0005)* | | |
| 23 05 48 13-0007 | EA | 50 To 500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size | 137.23 | 20.91 |
| 23 05 48 13-0008 | EA | 600 To 1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size | 287.06 | 23.23 |
| **23 05 48 13-0009** | | **Rubber-In-Shear Isolator Hanger** *(23 05 48 13-0005)* | | |
| 23 05 48 13-0010 | EA | 45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size | 76.72 | 17.43 |
| 23 05 48 13-0011 | EA | 130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size | 99.31 | 20.91 |
| **23 05 48 13-0012** | | **Spring Hanger For 1" Deflection** *(23 05 48 13-0005)* | | |
| 23 05 48 13-0013 | EA | 50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size | 87.11 | 20.91 |
| **23 05 48 13-0014** | | **Rubber-In-Shear Vibration Isolator** *(23 05 48 13-0005)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 48 13-0015 | EA | 45 To 340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection | 160.34 | 39.50 |
| 23 05 48 13-0016 | EA | 130 To 700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection | 217.87 | 39.50 |
| 23 05 48 13-0017 | EA | 550 To 1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection | 415.31 | 39.50 |
| 23 05 48 13-0018 | | Two-Piece Spring Type Vibration Isolator *(23 05 48 13-0005)* | | |
| | | Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection. | | |
| 23 05 48 13-0019 | EA | 50 To 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator | 136.09 | 39.50 |
| 23 05 48 13-0020 | EA | >1,000 To 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator | 140.38 | 39.50 |
| 23 05 48 13-0021 | | Open Double Spring Type Vibration Isolator *(23 05 48 13-0005)* | | |
| | | Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt. | | |
| 23 05 48 13-0022 | EA | 150 To 450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator | 105.04 | 19.74 |
| 23 05 48 13-0023 | EA | 500 To 1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator | 105.04 | 19.74 |
| 23 05 48 13-0024 | EA | 1,100 To 1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator | 119.34 | 19.74 |
| 23 05 48 13-0025 | EA | 1,700 To 2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator | 119.34 | 19.74 |
| 23 05 48 13-0026 | EA | 2,500 To 3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator | 183.98 | 19.74 |
| 23 05 48 13-0027 | | Isolation Pads *(23 05 48 13-0005)* | | |
| 23 05 48 13-0028 | | Laminated Neoprene And Cork Isolation Pad *(23 05 48 13-0027)* | | |
| 23 05 48 13-0029 | EA | 2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad | 6.93 | 2.90 |
| 23 05 48 13-0030 | EA | 3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad | 8.75 | 3.02 |
| 23 05 48 13-0031 | EA | 4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad | 10.85 | 3.13 |
| 23 05 48 13-0032 | EA | 12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad | 41.27 | 3.61 |
| 23 05 48 13-0033 | EA | 18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad | 78.45 | 4.07 |
| 23 05 48 13-0034 | | Neoprene And Steel Plate Isolation Pad *(23 05 48 13-0027)* | | |
| 23 05 48 13-0035 | EA | 6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad | 80.98 | 2.90 |
| 23 05 48 13-0036 | EA | 6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad | 89.28 | 2.90 |
| 23 05 48 13-0037 | | Neoprene Isolation Pad *(23 05 48 13-0027)* | | |
| 23 05 48 13-0038 | EA | 2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad | 6.50 | 2.90 |
| 23 05 48 13-0039 | EA | 3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad | 7.36 | 2.90 |
| 23 05 48 13-0040 | EA | 4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad | 8.72 | 2.90 |
| 23 05 48 13-0041 | EA | 12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad | 40.61 | 3.49 |
| 23 05 48 13-0042 | EA | 18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad | 73.77 | 4.07 |
| 23 05 48 13-0043 | | Threaded Flexible Bronze Hose Connectors *(23 05 48 13)* | | |
| | | Note: Includes hex threaded nipple ends. | | |
| 23 05 48 13-0044 | EA | 3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends | 74.39 | 18.58 |
| 23 05 48 13-0045 | EA | 1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends | 87.42 | 25.55 |
| 23 05 48 13-0046 | EA | 3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends | 107.29 | 31.37 |
| 23 05 48 13-0047 | EA | 1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends | 124.90 | 37.17 |
| 23 05 48 13-0048 | EA | 1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends | 143.27 | 48.79 |
| 23 05 48 13-0049 | EA | 1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends | 161.41 | 51.92 |
| 23 05 48 13-0050 | EA | 2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends | 215.87 | 61.56 |
| 23 05 48 13-0051 | EA | 2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends | 297.44 | 95.95 |
| 23 05 48 13-0052 | | Flanged Flexible Hose Connectors *(23 05 48 13)* | | |
| 23 05 48 13-0053 | | Flanged Flexible Molded Rubber Hose Connectors *(23 05 48 13-0052)* | | |
| | | Note: With helical wire reinforcement 150 PSI. | | |
| 23 05 48 13-0054 | EA | 1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 225.78 | 87.12 |
| 23 05 48 13-0055 | EA | 2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 244.42 | 96.76 |
| 23 05 48 13-0056 | EA | 2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 399.44 | 193.30 |
| 23 05 48 13-0057 | EA | 3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 554.33 | 287.50 |
| 23 05 48 13-0058 | EA | 4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 721.96 | 371.14 |
| 23 05 48 13-0059 | EA | 6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 913.41 | 385.96 |
| 23 05 48 13-0060 | EA | 8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 1,108.97 | 440.82 |
| 23 05 48 13-0061 | EA | 10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 1,433.88 | 524.60 |
| 23 05 48 13-0062 | EA | 12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI | 3,502.12 | 656.13 |
| 23 05 48 13-0063 | | Flanged Flexible Corrugated Stainless Steel Hose Connectors *(23 05 48 13-0052)* | | |
| | | Note: With braided metal wire. | | |
| 23 05 48 13-0064 | EA | 1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 176.36 | 79.22 |
| 23 05 48 13-0065 | EA | 1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 172.89 | 108.96 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 48 13-0066 | EA | 1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 328.98 | 145.20 |
| 23 05 48 13-0067 | EA | 2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 428.44 | 217.80 |
| 23 05 48 13-0068 | EA | 2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 461.03 | 239.64 |
| 23 05 48 13-0069 | EA | 3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 536.32 | 290.18 |
| 23 05 48 13-0070 | EA | 4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 686.70 | 371.48 |
| 23 05 48 13-0071 | EA | 4" Diameter x 30" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 1,237.11 | 512.50 |
| 23 05 48 13-0072 | EA | 4" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 1,416.46 | 600.79 |
| 23 05 48 13-0073 | EA | 6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 944.96 | 462.22 |
| 23 05 48 13-0074 | EA | 6" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 1,788.33 | 578.94 |
| 23 05 48 13-0075 | EA | 8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 1,536.64 | 617.53 |
| 23 05 48 13-0076 | EA | 10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 1,807.94 | 714.07 |
| 23 05 48 13-0077 | EA | 12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation | 2,319.03 | 771.92 |
| **23 05 48 13-0078** | | **Flanged Flexible Molded Teflon Hose Connectors** *(23 05 48 13-0052)* | | |
| | | Note: 150 PSI. | | |
| 23 05 48 13-0079 | EA | 2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation | 972.96 | 168.44 |
| 23 05 48 13-0080 | EA | 3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation | 1,091.65 | 197.48 |
| 23 05 48 13-0081 | EA | 4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation | 1,655.95 | 331.89 |
| 23 05 48 13-0082 | EA | 6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation | 2,012.46 | 385.96 |
| 23 05 48 13-0083 | EA | 8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation | 2,642.33 | 473.44 |
| **23 05 48 13-0084** | | **Flexible Hose Connectors Braided Metal Hose Type** *(23 05 48 13)* | | |
| **23 05 48 13-0085** | | **Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0084)* | | |
| | | Note: MPT connection. | | |
| 23 05 48 13-0086 | EA | 1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 38.36 | 2.33 |
| 23 05 48 13-0087 | EA | 1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 45.82 | 2.33 |
| 23 05 48 13-0088 | EA | 1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 51.03 | 3.02 |
| 23 05 48 13-0089 | EA | 1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 62.03 | 3.02 |
| 23 05 48 13-0090 | EA | 3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 51.35 | 2.79 |
| 23 05 48 13-0091 | EA | 3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 62.00 | 2.79 |
| 23 05 48 13-0092 | EA | 3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 70.97 | 3.60 |
| 23 05 48 13-0093 | EA | 3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 87.55 | 3.60 |
| 23 05 48 13-0094 | EA | 1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 70.03 | 3.25 |
| 23 05 48 13-0095 | EA | 1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 76.56 | 3.25 |
| 23 05 48 13-0096 | EA | 1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 91.01 | 4.30 |
| 23 05 48 13-0097 | EA | 1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 115.26 | 4.30 |
| 23 05 48 13-0098 | EA | 1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 139.33 | 4.30 |
| 23 05 48 13-0099 | EA | 1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 163.47 | 4.30 |
| 23 05 48 13-0100 | EA | 1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 99.72 | 4.17 |
| 23 05 48 13-0101 | EA | 1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 109.90 | 4.17 |
| 23 05 48 13-0102 | EA | 1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 140.92 | 4.17 |
| 23 05 48 13-0103 | EA | 1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 195.91 | 5.56 |
| 23 05 48 13-0104 | EA | 1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 227.18 | 5.56 |
| 23 05 48 13-0105 | EA | 1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 268.78 | 5.56 |
| 23 05 48 13-0106 | EA | 2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 136.47 | 5.03 |
| 23 05 48 13-0107 | EA | 2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 157.74 | 5.03 |
| 23 05 48 13-0108 | EA | 2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 198.94 | 5.03 |
| 23 05 48 13-0109 | EA | 2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 265.34 | 6.74 |
| 23 05 48 13-0110 | EA | 2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 328.13 | 6.74 |
| 23 05 48 13-0111 | EA | 2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 390.87 | 6.74 |
| 23 05 48 13-0112 | EA | 2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 189.44 | 6.31 |
| 23 05 48 13-0113 | EA | 2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 215.64 | 5.98 |
| 23 05 48 13-0114 | EA | 2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 242.11 | 5.98 |
| 23 05 48 13-0115 | EA | 2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 298.60 | 8.02 |
| 23 05 48 13-0116 | EA | 2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 351.82 | 8.02 |
| 23 05 48 13-0117 | EA | 2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 403.38 | 8.02 |
| 23 05 48 13-0118 | EA | 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 298.62 | 8.02 |
| 23 05 48 13-0119 | EA | 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 333.97 | 8.02 |
| 23 05 48 13-0120 | EA | 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 629.13 | 8.02 |
| 23 05 48 13-0121 | EA | 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 758.23 | 10.69 |
| 23 05 48 13-0122 | EA | 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 517.09 | 10.69 |
| 23 05 48 13-0123 | EA | 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 586.66 | 10.69 |
| 23 05 48 13-0124 | EA | 4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 544.53 | 8.66 |
| 23 05 48 13-0125 | EA | 4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 585.84 | 8.66 |
| 23 05 48 13-0126 | EA | 4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 627.15 | 8.66 |
| 23 05 48 13-0127 | EA | 4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 716.83 | 11.54 |
| 23 05 48 13-0128 | EA | 4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 799.13 | 11.54 |
| 23 05 48 13-0129 | EA | 4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection | 883.19 | 11.54 |
| **23 05 48 13-0130** | | **Braided Stainless Steel Flexible Hose Connectors** *(23 05 48 13-0084)* | | |
| | | Note: Over braided carbon steel connection. | | |
| 23 05 48 13-0131 | EA | 2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 162.82 | 5.22 |
| 23 05 48 13-0132 | EA | 2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 196.62 | 5.22 |
| 23 05 48 13-0133 | EA | 2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 229.78 | 5.22 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 48 13-0134 | EA | 2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 300.77 | 7.00 |
| 23 05 48 13-0135 | EA | 2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 367.99 | 7.00 |
| 23 05 48 13-0136 | EA | 2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 435.13 | 7.00 |
| 23 05 48 13-0137 | EA | 2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 184.27 | 5.98 |
| 23 05 48 13-0138 | EA | 2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 219.60 | 5.98 |
| 23 05 48 13-0139 | EA | 2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 255.08 | 5.98 |
| 23 05 48 13-0140 | EA | 2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 330.47 | 8.02 |
| 23 05 48 13-0141 | EA | 2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 401.14 | 8.02 |
| 23 05 48 13-0142 | EA | 2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 470.84 | 8.02 |
| 23 05 48 13-0143 | EA | 4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 195.63 | 8.02 |
| 23 05 48 13-0144 | EA | 4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 236.09 | 8.23 |
| 23 05 48 13-0145 | LF | 4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 277.14 | 8.02 |
| 23 05 48 13-0146 | EA | 4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 367.04 | 10.69 |
| 23 05 48 13-0147 | EA | 4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 448.68 | 10.69 |
| 23 05 48 13-0148 | EA | 4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 532.64 | 10.69 |
| 23 05 48 13-0149 | EA | 6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 395.29 | 15.99 |
| 23 05 48 13-0150 | EA | 6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 582.43 | 16.11 |
| 23 05 48 13-0151 | EA | 6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 781.07 | 21.21 |
| 23 05 48 13-0152 | EA | 6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 968.28 | 21.21 |
| 23 05 48 13-0153 | EA | 6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,155.45 | 21.21 |
| 23 05 48 13-0154 | EA | 8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 680.25 | 17.52 |
| 23 05 48 13-0155 | EA | 8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 821.84 | 17.52 |
| 23 05 48 13-0156 | EA | 8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,114.32 | 22.78 |
| 23 05 48 13-0157 | EA | 8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,395.20 | 22.78 |
| 23 05 48 13-0158 | EA | 8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,676.00 | 22.78 |
| 23 05 48 13-0159 | EA | 10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 728.35 | 21.89 |
| 23 05 48 13-0160 | EA | 10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,082.33 | 21.89 |
| 23 05 48 13-0161 | EA | 10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,449.76 | 28.52 |
| 23 05 48 13-0162 | EA | 10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,804.98 | 28.52 |
| 23 05 48 13-0163 | EA | 10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 2,158.70 | 28.52 |
| 23 05 48 13-0164 | EA | 12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,446.96 | 26.47 |
| 23 05 48 13-0165 | EA | 12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 1,888.73 | 26.47 |
| 23 05 48 13-0166 | EA | 12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 2,362.61 | 35.62 |
| 23 05 48 13-0167 | EA | 12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 2,808.25 | 35.62 |
| 23 05 48 13-0168 | EA | 12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded | 3,255.97 | 35.62 |
| 23 05 48 13-0169 | | Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0084)* | | |
| | | Note: Flanged end connection (carbon steel ends). | | |
| 23 05 48 13-0170 | EA | 2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 280.99 | 5.03 |
| 23 05 48 13-0171 | EA | 2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 564.56 | 142.53 |
| 23 05 48 13-0172 | EA | 2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 681.35 | 142.53 |
| 23 05 48 13-0173 | EA | 2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 798.14 | 142.53 |
| 23 05 48 13-0174 | EA | 2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 914.97 | 142.53 |
| 23 05 48 13-0175 | EA | 2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 533.27 | 181.78 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 48 13-0176 | EA | 2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 656.34 | 181.78 |
| 23 05 48 13-0177 | EA | 2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 779.45 | 181.78 |
| 23 05 48 13-0178 | EA | 2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 902.62 | 181.78 |
| 23 05 48 13-0179 | EA | 2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 1,023.62 | 181.78 |
| 23 05 48 13-0180 | EA | 4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 758.56 | 304.73 |
| 23 05 48 13-0181 | EA | 4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 902.21 | 305.50 |
| 23 05 48 13-0182 | EA | 4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 1,048.19 | 304.73 |
| 23 05 48 13-0183 | EA | 4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 1,211.42 | 304.73 |
| 23 05 48 13-0184 | EA | 4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 1,336.13 | 304.73 |
| 23 05 48 13-0185 | EA | 6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 1,163.52 | 399.89 |
| 23 05 48 13-0186 | EA | 6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 1,489.00 | 399.89 |
| 23 05 48 13-0187 | EA | 6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 1,814.66 | 401.32 |
| 23 05 48 13-0188 | EA | 6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 2,140.19 | 399.89 |
| 23 05 48 13-0189 | EA | 6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 2,465.67 | 399.89 |
| 23 05 48 13-0190 | EA | 8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 1,813.24 | 447.71 |
| 23 05 48 13-0191 | EA | 8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 2,059.47 | 447.71 |
| 23 05 48 13-0192 | EA | 8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 2,547.67 | 447.71 |
| 23 05 48 13-0193 | EA | 8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 3,036.05 | 447.71 |
| 23 05 48 13-0194 | EA | 8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 3,524.20 | 447.71 |
| 23 05 48 13-0195 | EA | 10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 2,921.74 | 545.03 |
| 23 05 48 13-0196 | EA | 10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 3,535.21 | 545.03 |
| 23 05 48 13-0197 | EA | 10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 4,152.80 | 545.03 |
| 23 05 48 13-0198 | EA | 10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 4,769.06 | 545.03 |
| 23 05 48 13-0199 | EA | 10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 5,267.11 | 545.03 |
| 23 05 48 13-0200 | EA | 12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 3,946.71 | 661.83 |
| 23 05 48 13-0201 | EA | 12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 4,725.19 | 661.83 |
| 23 05 48 13-0202 | EA | 12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 5,503.61 | 661.83 |
| 23 05 48 13-0203 | EA | 12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 6,282.04 | 661.83 |
| 23 05 48 13-0204 | EA | 12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) | 7,060.52 | 661.83 |

## 23 05 53 Identification for HVAC Piping and Equipment *(23 05)*

### 23 05 53 00-0001 Systems Identification *(23 05 53)*

### 23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters of insulation where necessary.

| | | | |
|---|---|---|---|
| 23 05 53 00-0003 | EA | 1/2" Outside Diameter Snap-On Plastic Marker | 18.89 |
| 23 05 53 00-0004 | EA | 3/4" Outside Diameter Snap-On Plastic Marker | 19.18 |
| 23 05 53 00-0005 | EA | 1" Outside Diameter Snap-On Plastic Marker | 19.33 |
| 23 05 53 00-0006 | EA | 1-1/4" Outside Diameter Snap-On Plastic Marker | 19.63 |
| 23 05 53 00-0007 | EA | 1-1/2" Outside Diameter Snap-On Plastic Marker | 22.65 |
| 23 05 53 00-0008 | EA | 2" Outside Diameter Snap-On Plastic Marker | 23.18 |
| 23 05 53 00-0009 | EA | 2-1/2" Outside Diameter Snap-On Plastic Marker | 36.21 |
| 23 05 53 00-0010 | EA | 3" Outside Diameter Snap-On Plastic Marker | 36.63 |
| 23 05 53 00-0011 | EA | 3-1/2" Outside Diameter Snap-On Plastic Marker | 37.07 |
| 23 05 53 00-0012 | EA | 4" Outside Diameter Snap-On Plastic Marker | 37.31 |
| 23 05 53 00-0013 | EA | 4-1/2" Outside Diameter Snap-On Plastic Marker | 37.56 |
| 23 05 53 00-0014 | EA | 5" Outside Diameter Snap-On Plastic Marker | 37.81 |
| 23 05 53 00-0015 | EA | 6" Outside Diameter Snap-On Plastic Marker | 39.59 |
| 23 05 53 00-0016 | EA | 7" Outside Diameter Snap-On Plastic Marker | 39.86 |
| 23 05 53 00-0017 | EA | 8" Outside Diameter Snap-On Plastic Marker | 48.80 |
| 23 05 53 00-0018 | EA | 10" Outside Diameter Snap-On Plastic Marker | 50.57 |
| 23 05 53 00-0019 | EA | 12" Outside Diameter Snap-On Plastic Marker | 58.32 |
| 23 05 53 00-0020 | EA | 14" Outside Diameter Snap-On Plastic Marker | 66.85 |

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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| **23 05 53 00-0021** | | **Pipe Markers Pressure-Sensitive** *(23 05 53 00-0001)* | | | |
| | | Note: Outside diameter includes insulation where necessary. | | | |
| 23 05 53 00-0022 | EA | 1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 13.00 | |
| 23 05 53 00-0023 | EA | 3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 13.58 | |
| 23 05 53 00-0024 | EA | 1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 14.75 | |
| 23 05 53 00-0025 | EA | 1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 14.97 | |
| 23 05 53 00-0026 | EA | 1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 15.93 | |
| 23 05 53 00-0027 | EA | 2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 16.28 | |
| 23 05 53 00-0028 | EA | 2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 18.23 | |
| 23 05 53 00-0029 | EA | 3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 18.69 | |
| 23 05 53 00-0030 | EA | 3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 19.04 | |
| 23 05 53 00-0031 | EA | 4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 19.40 | |
| 23 05 53 00-0032 | EA | 4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 20.12 | |
| 23 05 53 00-0033 | EA | 5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 20.91 | |
| 23 05 53 00-0034 | EA | 6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 21.59 | |
| 23 05 53 00-0035 | EA | 7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 22.26 | |
| 23 05 53 00-0036 | EA | 8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 24.44 | |
| 23 05 53 00-0037 | EA | 10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 25.72 | |
| 23 05 53 00-0038 | EA | 12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation | | 29.96 | |
| **23 05 53 00-0039** | | **Valve Identification Tag** *(23 05 53 00-0001)* | | | |
| | | Note: Includes beaded chain and/or "S" hook. | | | |
| 23 05 53 00-0040 | EA | 2" Diameter Identification Tag, Brass | | 11.73 | |
| 23 05 53 00-0041 | EA | 1-1/2" Diameter Identification Tag, Plastic | | 11.07 | |
| 23 05 53 00-0042 | EA | 1-1/2" Diameter Identification Tag, Brass | | 10.87 | |

## 23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment *(23 05)*

| | | | | | |
|---|---|---|---|---|---|
| **23 05 66 00-0001** | | **Double Ended Ultraviolet HVAC Microbial Control Fixtures** *(23 05 66)* | | | |
| 23 05 66 00-0002 | EA | 18" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-181-VO)<br>Note: Includes tube. | 901.48 | | 73.37 |
| 23 05 66 00-0003 | EA | 24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO)<br>Note: Includes tube. | 941.05 | | 77.00 |
| 23 05 66 00-0004 | EA | 30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO)<br>Note: Includes tube. | 943.51 | | 80.30 |
| 23 05 66 00-0005 | EA | 36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO)<br>Note: Includes tube. | 987.58 | | 84.37 |
| 23 05 66 00-0006 | EA | 42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO)<br>Note: Includes tube. | 1,068.88 | | 87.99 |
| 23 05 66 00-0007 | EA | 62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO)<br>Note: Includes tube. | 986.89 | | 90.74 |
| **23 05 66 00-0008** | | **Single Ended Ultraviolet HVAC Microbial Control Fixtures** *(23 05 66)* | | | |
| 23 05 66 00-0009 | EA | 12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO)<br>Note: Includes tube. | 766.49 | | 50.81 |
| 23 05 66 00-0010 | EA | 16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO)<br>Note: Includes tube. | 777.23 | | 54.99 |
| 23 05 66 00-0011 | EA | 20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO)<br>Note: Includes tube. | 798.48 | | 58.29 |
| 23 05 66 00-0012 | EA | 24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO)<br>Note: Includes tube. | 808.49 | | 62.69 |
| 23 05 66 00-0013 | EA | 30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO)<br>Note: Includes tube. | 830.48 | | 66.00 |
| 23 05 66 00-0014 | EA | 36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO)<br>Note: Includes tube. | 846.48 | | 69.30 |
| 23 05 66 00-0015 | EA | 42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO)<br>Note: Includes tube. | 867.73 | | 73.70 |
| 23 05 66 00-0016 | EA | 12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO)<br>Note: Includes tube. | 872.27 | | 50.81 |
| 23 05 66 00-0017 | EA | 16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO)<br>Note: Includes tube. | 883.01 | | 54.99 |
| 23 05 66 00-0018 | EA | 20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO)<br>Note: Includes tube. | 904.26 | | 58.29 |
| 23 05 66 00-0019 | EA | 24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO)<br>Note: Includes tube. | 914.27 | | 62.69 |
| 23 05 66 00-0020 | EA | 30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO)<br>Note: Includes tube. | 936.26 | | 66.00 |
| 23 05 66 00-0021 | EA | 36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO)<br>Note: Includes tube. | 952.26 | | 69.30 |
| 23 05 66 00-0022 | EA | 42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO)<br>Note: Includes tube. | 973.51 | | 73.70 |
| 23 05 66 00-0023 | EA | 16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO)<br>Note: Includes tube. | 611.63 | | 54.99 |
| 23 05 66 00-0024 | EA | 20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO)<br>Note: Includes tube. | 632.88 | | 58.29 |
| 23 05 66 00-0025 | EA | 24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO)<br>Note: Includes tube. | 642.89 | | 62.69 |
| 23 05 66 00-0026 | EA | 30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO)<br>Note: Includes tube. | 664.88 | | 66.00 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 66 00-0027 | EA | 36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO)<br>Note: Includes tube. | 680.88 | 69.30 |
| 23 05 66 00-0028 | EA | 42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO)<br>Note: Includes tube. | 702.13 | 73.70 |

## 23 05 66 00-0029 Fan Coil Unit Ultraviolet Microbial Control Fixtures *(23 05 66)*

| | | | | |
|---|---|---|---|---|
| 23 05 66 00-0030 | EA | 16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)<br>Note: Includes tube. | 553.71 | 70.39 |
| 23 05 66 00-0031 | EA | 20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)<br>Note: Includes tube. | 565.78 | 73.70 |
| 23 05 66 00-0032 | EA | 24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)<br>Note: Includes tube. | 577.85 | 77.00 |
| 23 05 66 00-0033 | EA | 30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)<br>Note: Includes tube. | 594.18 | 80.30 |
| 23 05 66 00-0034 | EA | 36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)<br>Note: Includes tube. | 615.38 | 84.37 |
| 23 05 66 00-0035 | EA | 42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)<br>Note: Includes tube. | 634.02 | 87.99 |

## 23 05 66 00-0036 Ultraviolet HVAC Microbial Control Replacement Parts *(23 05 66)*

| | | | | |
|---|---|---|---|---|
| 23 05 66 00-0037 | EA | 18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO) | 146.38 | |
| 23 05 66 00-0038 | EA | 24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO) | 153.92 | |
| 23 05 66 00-0039 | EA | 30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO) | 175.10 | |
| 23 05 66 00-0040 | EA | 36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO) | 202.36 | |
| 23 05 66 00-0041 | EA | 42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO) | 230.23 | |
| 23 05 66 00-0042 | EA | 62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO) | 228.76 | |
| 23 05 66 00-0043 | EA | 12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO) | 118.70 | |
| 23 05 66 00-0044 | EA | 16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO) | 125.05 | |
| 23 05 66 00-0045 | EA | 20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO) | 141.89 | |
| 23 05 66 00-0046 | EA | 24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO) | 147.50 | |
| 23 05 66 00-0047 | EA | 30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO) | 165.10 | |
| 23 05 66 00-0048 | EA | 36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO) | 176.70 | |
| 23 05 66 00-0049 | EA | 42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO) | 193.55 | |
| 23 05 66 00-0050 | EA | Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire) | 429.75 | |

## 23 05 66 00-0051 Ultraviolet HVAC Microbial Control Mounting Accessories *(23 05 66)*

| | | | | |
|---|---|---|---|---|
| 23 05 66 00-0052 | EA | Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610)<br>Note: Includes 61" emitter, power supply, wires and connectors. | 612.06 | |
| 23 05 66 00-0053 | EA | Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620)<br>Note: Includes 61" emitter, power supply, wires and connectors. | 783.93 | |
| 23 05 66 00-0054 | EA | Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1)<br>Note: Includes power supply, wires and connectors. Excludes emitter. | 355.24 | |
| 23 05 66 00-0055 | EA | Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2)<br>Note: Includes power supply, wires and connectors. Excludes emitter. | 376.29 | |
| 23 05 66 00-0056 | EA | Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3)<br>Note: Includes power supply, wires and connectors. Excludes emitter. | 486.90 | |
| 23 05 66 00-0057 | EA | Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4)<br>Note: Includes power supply, wires and connectors. Excludes emitter. | 302.14 | |
| 23 05 66 00-0058 | EA | Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5)<br>Note: Includes power supply, wires and connectors. Excludes emitter. | 328.02 | |
| 23 05 66 00-0059 | EA | 16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6)<br>Note: Includes power supply, wires and connectors. Excludes emitter. | 426.82 | |
| 23 05 66 00-0060 | EA | 12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7)<br>Note: Includes power supply, wires and connectors. Excludes emitter. | 420.84 | |
| 23 05 66 00-0061 | LF | 30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101) | 15.83 | |
| 23 05 66 00-0062 | EA | Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111) | 53.27 | |
| 23 05 66 00-0063 | EA | Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112) | 18.20 | |
| 23 05 66 00-0064 | EA | Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113) | 17.16 | |
| 23 05 66 00-0065 | EA | Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104) | 49.01 | |
| 23 05 66 00-0066 | EA | Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114) | 58.87 | |
| 23 05 66 00-0067 | EA | Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108) | 52.24 | |
| 23 05 66 00-0068 | EA | Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115) | 42.28 | |
| 23 05 66 00-0069 | EA | ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109) | 39.91 | |
| 23 05 66 00-0070 | EA | DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223) | 21.33 | |
| 23 05 66 00-0071 | EA | DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603) | 44.94 | |
| 23 05 66 00-0072 | EA | Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100) | 21.43 | |
| 23 05 66 00-0073 | EA | 480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503) | 85.79 | |
| 23 05 66 00-0074 | EA | Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120) | 90.25 | |

# 23 05 93 Testing, Adjusting, and Balancing for HVAC *(23 05)*

Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

## 23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

| | | | | |
|---|---|---|---|---|
| 23 05 93 00-0002 | EA | Balancing Centrifugal Fans | 444.70 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-222.35* | |
| 23 05 93 00-0003 | EA | Balancing Heating And Ventilating Units | 555.65 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-277.83* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 93 00-0004 | EA | Balancing In Line Fan | 500.28 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-250.14* | |
| 23 05 93 00-0005 | EA | Balancing Propeller And Wall Fan | 111.17 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-55.59* | |
| 23 05 93 00-0006 | EA | Balancing Roof Exhaust Fan | 333.50 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-166.75* | |
| 23 05 93 00-0007 | EA | Balancing Wall Fan | 83.36 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-41.68* | |
| 23 05 93 00-0008 | EA | Balancing Fan Section Exhaust | 443.98 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-221.99* | |
| **23 05 93 00-0009** | | **Air Conditioning Equipment** *(23 05 93)* | | |
| 23 05 93 00-0010 | EA | Balancing Constant Volume Air Handling Unit | 855.87 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-427.94* | |
| 23 05 93 00-0011 | EA | Balancing Package A/C Unit | 320.95 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-160.48* | |
| 23 05 93 00-0012 | EA | Balancing Rooftop Heat And Cool Unit | 427.94 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-213.97* | |
| 23 05 93 00-0013 | EA | Balancing Variable Volume Air Handling Unit | 1,497.77 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-748.89* | |
| **23 05 93 00-0014** | | **Registers, Diffusers, Terminal Air Units And Dampers** *(23 05 93)* | | |
| 23 05 93 00-0015 | EA | Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser | 83.38 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-41.69* | |
| 23 05 93 00-0016 | EA | Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser | 138.97 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-69.49* | |
| 23 05 93 00-0017 | EA | Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser | 72.26 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-36.13* | |
| 23 05 93 00-0018 | EA | Balance Variable Air Volume Box | 78.29 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-39.15* | |
| 23 05 93 00-0019 | EA | Balance Constant Volume Box | 78.29 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-39.15* | |
| 23 05 93 00-0020 | EA | Balance Fan Powered Box | 88.94 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-44.47* | |
| 23 05 93 00-0021 | EA | Balance Lab Fume Hood | 361.33 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-180.67* | |
| 23 05 93 00-0022 | EA | Balance General Hood | 277.94 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-138.97* | |
| 23 05 93 00-0023 | EA | Balance Induction Unit | 166.77 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-83.39* | |
| 23 05 93 00-0024 | EA | Balance Moduline - Master | 66.69 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-33.35* | |
| 23 05 93 00-0025 | EA | Balance Moduline - Slave | 33.35 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-16.68* | |
| 23 05 93 00-0026 | EA | Balance Dampers | 30.97 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-15.49* | |
| 23 05 93 00-0027 | EA | Balance Regenerators | 443.98 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-221.99* | |
| **23 05 93 00-0028** | | **Water Balancing Of Components** *(23 05 93)* | | |
| 23 05 93 00-0029 | EA | Water Balance, Air Cool Condenser | 588.47 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-294.24* | |
| 23 05 93 00-0030 | EA | Water Balance, Cabinet Heater | 74.89 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-37.45* | |
| 23 05 93 00-0031 | EA | Water Balance, Chiller, Air Cooled | 641.85 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-320.93* | |
| 23 05 93 00-0032 | EA | Water Balance, Chiller, Water Cooled | 855.87 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-427.94* | |
| 23 05 93 00-0033 | EA | Water Balance, Cooling Tower | 427.94 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-213.97* | |
| 23 05 93 00-0034 | EA | Water Balance, Fan Coil And Vent | 107.05 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-53.53* | |
| 23 05 93 00-0035 | EA | Water Balance, Fin Tube And Radiant Panel | 106.98 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-53.49* | |
| 23 05 93 00-0036 | EA | Water Balance, Main And Duct Re-Heat Coil | 117.68 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-58.84* | |
| 23 05 93 00-0037 | EA | Water Balance, Pumps | 320.97 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-160.49* | |
| 23 05 93 00-0038 | EA | Water Balance, Unit Heater | 74.89 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-37.45* | |
| 23 05 93 00-0039 | EA | Water Balancing, Converter | 321.08 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-160.54* | |
| 23 05 93 00-0040 | EA | Water Balancing, Cocks And Valves | 53.48 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-26.74* | |
| 23 05 93 00-0041 | EA | Water Balance, Convector | 64.18 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-32.09* | |
| 23 05 93 00-0042 | EA | Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves | 80.24 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-40.12* | |
| 23 05 93 00-0043 | EA | Water Balance, Boiler, Up To 500 MBH | 695.39 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-347.70* | |
| 23 05 93 00-0044 | EA | >500 To 1,000 MBH, Water Balance, Boiler | 1,283.81 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-641.91* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 93 00-0045 | EA | >1,000 MBH, Water Balance, Boiler | 2,353.65 | |
| | | *For Testing Of Unit Without Balancing, Deduct* | *-1,176.83* | |

## 23 05 93 00-0046 Non Destructive Testing *(23 05 93)*

## 23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*

## 23 05 93 00-0048 Minimum Charge For X-Ray Welds *(23 05 93 00-0047)*

| | | | |
|---|---|---|---|
| 23 05 93 00-0049 | EA | X-Ray Welds Minimum Set-Up Charge<br>Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 698.15 |

## 23 05 93 00-0050 Piping, X-Ray Welds, Non Destructive Testing *(23 05 93 00-0047)*

| | | | |
|---|---|---|---|
| 23 05 93 00-0051 | EA | Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing | 88.93 |
| 23 05 93 00-0052 | EA | 1" Piping, X-Ray Welds, Non Destructive Testing | 101.17 |
| 23 05 93 00-0053 | EA | 1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing | 113.41 |
| 23 05 93 00-0054 | EA | 2" Piping, X-Ray Welds, Non Destructive Testing | 119.87 |
| 23 05 93 00-0055 | EA | 3" Piping, X-Ray Welds, Non Destructive Testing | 126.30 |
| 23 05 93 00-0056 | EA | 4" Piping, X-Ray Welds, Non Destructive Testing | 133.38 |
| 23 05 93 00-0057 | EA | 6" Piping, X-Ray Welds, Non Destructive Testing | 146.26 |
| 23 05 93 00-0058 | EA | 8" Piping, X-Ray Welds, Non Destructive Testing | 159.14 |
| 23 05 93 00-0059 | EA | 10" Piping, X-Ray Welds, Non Destructive Testing | 166.22 |
| 23 05 93 00-0060 | EA | 12" Piping, X-Ray Welds, Non Destructive Testing | 173.30 |

## 23 05 93 00-0061 Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0046)*

## 23 05 93 00-0062 Piping, Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0061)*

| | | | |
|---|---|---|---|
| 23 05 93 00-0063 | EA | Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 110.71 |
| 23 05 93 00-0064 | EA | 1" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 116.52 |
| 23 05 93 00-0065 | EA | 1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 122.32 |
| 23 05 93 00-0066 | EA | 2" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 125.23 |
| 23 05 93 00-0067 | EA | 3" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 129.59 |
| 23 05 93 00-0068 | EA | 4" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 133.95 |
| 23 05 93 00-0069 | EA | 6" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 142.66 |
| 23 05 93 00-0070 | EA | 8" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 151.36 |
| 23 05 93 00-0071 | EA | 10" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 160.08 |
| 23 05 93 00-0072 | EA | 12" Piping, Liquid Penetration Of Welds, Non Destructive Testing | 168.79 |

## 23 05 93 00-0073 Hydrostatic Testing *(23 05 93 00-0046)*

Note: Includes flushing and restoring of system.

## 23 05 93 00-0074 Piping, Hydrostatic Testing *(23 05 93 00-0073)*

| | | | |
|---|---|---|---|
| 23 05 93 00-0075 | EA | Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing | 764.22 |
| 23 05 93 00-0076 | EA | >100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing | 1,091.74 |
| 23 05 93 00-0077 | EA | >250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing | 1,308.12 |
| 23 05 93 00-0078 | EA | >500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing | 1,742.43 |
| 23 05 93 00-0079 | EA | >1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing | 2,640.03 |
| 23 05 93 00-0080 | EA | Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing | 1,016.11 |
| 23 05 93 00-0081 | EA | >100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing | 1,452.01 |
| 23 05 93 00-0082 | EA | >250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing | 1,728.59 |
| 23 05 93 00-0083 | EA | >500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing | 2,265.13 |
| 23 05 93 00-0084 | EA | >1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing | 3,426.75 |
| 23 05 93 00-0085 | EA | Up To 100', >4" To 10" Piping, Hydrostatic Testing | 1,324.24 |
| 23 05 93 00-0086 | EA | >100' To 250', >4" To 10" Piping, Hydrostatic Testing | 1,887.63 |
| 23 05 93 00-0087 | EA | >250' To 500', >4" To 10" Piping, Hydrostatic Testing | 1,991.54 |
| 23 05 93 00-0088 | EA | >500' To 1,000', >4" To 10" Piping, Hydrostatic Testing | 2,609.08 |
| 23 05 93 00-0089 | EA | >1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing | 3,947.05 |
| 23 05 93 00-0090 | EA | Up To 100', >10" To 14" Piping, Hydrostatic Testing | 1,719.20 |
| 23 05 93 00-0091 | EA | >100' To 250', >10" To 14" Piping, Hydrostatic Testing | 2,451.00 |
| 23 05 93 00-0092 | EA | >250' To 500', >10" To 14" Piping, Hydrostatic Testing | 2,589.51 |
| 23 05 93 00-0093 | EA | >500' To 1,000', >10" To 14" Piping, Hydrostatic Testing | 3,396.42 |
| 23 05 93 00-0094 | EA | >1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing | 5,146.11 |

## 23 05 93 00-0095 Pneumatic Testing *(23 05 93 00-0046)*

Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.

## 23 05 93 00-0096 Piping, Pneumatic Testing *(23 05 93 00-0095)*

| | | | |
|---|---|---|---|
| 23 05 93 00-0097 | EA | Up To 100', Up To 1-1/2" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 869.37 |
| 23 05 93 00-0098 | EA | >100' To 250', Up To 1-1/2" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,240.38 |
| 23 05 93 00-0099 | EA | >250' To 500', Up To 1-1/2" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,340.18 |
| 23 05 93 00-0100 | EA | >500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,716.98 |
| 23 05 93 00-0101 | EA | >1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 2,686.15 |
| 23 05 93 00-0102 | EA | Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,134.38 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 05 93 00-0103 | EA | >100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,610.63 | |
| 23 05 93 00-0104 | EA | >250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,742.09 | |
| 23 05 93 00-0105 | EA | >500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 2,232.47 | |
| 23 05 93 00-0106 | EA | >1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 3,491.37 | |
| 23 05 93 00-0107 | EA | Up To 100', >4" To 10" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,366.19 | |
| 23 05 93 00-0108 | EA | >100' To 250', >4" To 10" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,927.86 | |
| 23 05 93 00-0109 | EA | >250' To 500', >4" To 10" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 2,181.10 | |
| 23 05 93 00-0110 | EA | >500' To 1,000', >4" To 10" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 2,787.51 | |
| 23 05 93 00-0111 | EA | >1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 4,365.71 | |
| 23 05 93 00-0112 | EA | Up To 100', >10" To 14" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 1,778.95 | |
| 23 05 93 00-0113 | EA | >100' To 250', >10" To 14" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 2,506.43 | |
| 23 05 93 00-0114 | EA | >250' To 500', >10" To 14" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 2,836.38 | |
| 23 05 93 00-0115 | EA | >500' To 1,000', >10" To 14" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 3,624.64 | |
| 23 05 93 00-0116 | EA | >1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing<br>Note: Includes soaping joints. | 5,684.89 | |

### 23 05 93 00-0117 EPA Testing Of Sludge *(23 05 93)*

| | | | | |
|---|---|---|---|---|
| 23 05 93 00-0118 | EA | Flashpoint And Lead Test For Lead | 904.75 | |
| 23 05 93 00-0119 | EA | Air Test/Combustion Gas Level | 89.64 | |
| 23 05 93 00-0120 | EA | Toxicity Test For Heavy Metals | 1,388.81 | |
| 23 05 93 00-0121 | EA | Aboveground Tank Water Settlement Test Including Water | 1,053.39 | |

## 23 07 HVAC Insulation *(23)*

### 23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

#### 23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.

#### 23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 07 13 00-0003 | SF | 1" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 3.41 | 2.06 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.27* | |
| | | *For Work In Restricted Working Space, Add* | *0.82* | |
| 23 07 13 00-0004 | SF | 1-1/2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 3.98 | 2.06 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.31* | |
| | | *For Work In Restricted Working Space, Add* | *0.96* | |
| 23 07 13 00-0005 | SF | 2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 4.52 | 3.07 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.34* | |
| | | *For Work In Restricted Working Space, Add* | *1.10* | |
| 23 07 13 00-0006 | SF | 3" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 5.34 | 3.59 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.42* | |
| | | *For Work In Restricted Working Space, Add* | *1.28* | |
| 23 07 13 00-0007 | SF | 4" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 6.29 | 3.90 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.67* | |
| | | *For Work In Restricted Working Space, Add* | *1.39* | |

#### 23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 07 13 00-0009 | SF | 1" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 4.20 | 3.07 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.31* | |
| | | *For Work In Restricted Working Space, Add* | *1.03* | |
| 23 07 13 00-0010 | SF | 1-1/2" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 4.91 | 3.59 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.38* | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| 23 07 13 00-0011 | SF | 2" Thick, Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation | 5.80 | 4.10 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.45* | |
| | | *For Work In Restricted Working Space, Add* | *1.40* | |

#### 23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 07 13 00-0013 | SF | 1" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 5.45 | 4.10 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.53* | |
| | | *For Work In Restricted Working Space, Add* | *1.24* | |
| 23 07 13 00-0014 | SF | 1-1/2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 7.03 | 4.62 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-0.93* | |
| | | *For Work In Restricted Working Space, Add* | *1.41* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 07 13 00-0015 | SF | 2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation | 8.20 | 5.13 |
| | | *For Plain Blanket, With No Facing, Deduct* | *-1.09* | |
| | | *For Work In Restricted Working Space, Add* | *1.64* | |
| 23 07 13 00-0016 | | 3 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)* | | |
| | | Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners. | | |
| 23 07 13 00-0017 | SF | 1" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation | 9.66 | 5.45 |
| | | *For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add* | *22.25* | |
| | | *For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add* | *16.49* | |
| | | *For Non-Metallic Weatherproof Paste, 2 LB, Add* | *13.59* | |
| | | *For Work In Restricted Working Space, Add* | *2.73* | |
| 23 07 13 00-0018 | SF | 1-1/2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation | 12.37 | 6.63 |
| | | *For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add* | *27.50* | |
| | | *For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add* | *20.68* | |
| | | *For Non-Metallic Weatherproof Paste, 2 LB, Add* | *16.97* | |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| 23 07 13 00-0019 | SF | 2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation | 15.41 | 8.01 |
| | | *For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add* | *33.53* | |
| | | *For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add* | *25.45* | |
| | | *For Non-Metallic Weatherproof Paste, 2 LB, Add* | *20.82* | |
| | | *For Work In Restricted Working Space, Add* | *4.01* | |
| 23 07 13 00-0020 | | 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)* | | |
| | | Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener. | | |
| 23 07 13 00-0021 | SF | 1" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation | 10.84 | 6.00 |
| | | *For Work In Restricted Working Space, Add* | *3.01* | |
| 23 07 13 00-0022 | SF | 1-1/2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation | 14.02 | 7.30 |
| | | *For Work In Restricted Working Space, Add* | *3.65* | |
| 23 07 13 00-0023 | SF | 2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation | 17.92 | 8.81 |
| | | *For Work In Restricted Working Space, Add* | *4.41* | |
| 23 07 13 00-0024 | | Sheet Flexible Elastomeric Insulation *(23 07 13)* | | |
| 23 07 13 00-0025 | SF | 3/8" Thick, Sheet Flexible Elastomeric Insulation | 8.48 | 2.77 |
| 23 07 13 00-0026 | SF | 1/2" Thick, Sheet Flexible Elastomeric Insulation | 9.07 | 2.92 |
| 23 07 13 00-0027 | SF | 3/4" Thick, Sheet Flexible Elastomeric Insulation | 11.95 | 3.07 |
| 23 07 13 00-0028 | SF | 1" Thick, Sheet Flexible Elastomeric Insulation | 13.80 | 3.23 |
| 23 07 13 00-0029 | SF | 1-1/2" Thick, Sheet Flexible Elastomeric Insulation | 19.16 | 3.54 |
| 23 07 13 00-0030 | SF | 2" Thick, Sheet Flexible Elastomeric Insulation | 22.68 | 3.85 |
| 23 07 13 00-0031 | | Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)* | | |
| | | Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film. | | |
| 23 07 13 00-0032 | SF | 1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 12.64 | 2.92 |
| 23 07 13 00-0033 | SF | 3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 13.91 | 3.07 |
| 23 07 13 00-0034 | SF | 1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 15.51 | 3.23 |
| 23 07 13 00-0035 | SF | 1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 24.30 | 3.54 |
| 23 07 13 00-0036 | SF | 2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 28.81 | 3.85 |
| 23 07 13 00-0037 | | Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)* | | |
| | | Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film. | | |
| 23 07 13 00-0038 | SF | 1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 15.18 | 2.92 |
| 23 07 13 00-0039 | SF | 3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 16.45 | 3.07 |
| 23 07 13 00-0040 | SF | 1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 18.50 | 3.23 |
| 23 07 13 00-0041 | SF | 1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation | 27.25 | 3.54 |
| 23 07 16 | | HVAC Equipment Insulation *(23 07)* | | |
| 23 07 16 00-0001 | | Calcium Silicate Block Insulation *(23 07 16)* | | |
| 23 07 16 00-0002 | SF | 1" Thick, Calcium Silicate Block Insulation | 16.02 | 6.55 |
| | | *For Work In Restricted Working Space, Add* | *3.93* | |
| 23 07 16 00-0003 | SF | 1-1/2" Thick, Calcium Silicate Block Insulation | 19.13 | 7.38 |
| | | *For Work In Restricted Working Space, Add* | *4.43* | |
| 23 07 16 00-0004 | SF | 2" Thick, Calcium Silicate Block Insulation | 22.91 | 8.50 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| 23 07 16 00-0005 | SF | 2-1/2" Thick, Calcium Silicate Block Insulation | 27.28 | 9.99 |
| | | *For Work In Restricted Working Space, Add* | *5.99* | |
| 23 07 16 00-0006 | SF | 3" Thick, Calcium Silicate Block Insulation | 33.34 | 12.29 |
| | | *For Work In Restricted Working Space, Add* | *7.37* | |
| 23 07 19 | | HVAC Piping Insulation *(23 07)* | | |
| | | See CSI section 22 07 19 00-0000 for pipe insulation. | | |
| 23 07 19 00-0001 | | Calcium Silicate Pipe Insulation *(23 07 19)* | | |
| | | Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| | | for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0535 for protective jacketing. | | |
| **23 07 19 00-0002** | | **1" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)* | | |
| 23 07 19 00-0003 | LF | 1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 13.42 | 3.37 |
| | | *For Work In Restricted Working Space, Add* | *2.53* | |
| 23 07 19 00-0004 | LF | 3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 13.42 | 3.37 |
| | | *For Work In Restricted Working Space, Add* | *2.53* | |
| 23 07 19 00-0005 | LF | 1" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 13.33 | 3.42 |
| | | *For Work In Restricted Working Space, Add* | *2.57* | |
| 23 07 19 00-0006 | LF | 1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 13.54 | 3.47 |
| | | *For Work In Restricted Working Space, Add* | *2.60* | |
| 23 07 19 00-0007 | LF | 1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 13.71 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| 23 07 19 00-0008 | LF | 2" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 14.70 | 3.62 |
| | | *For Work In Restricted Working Space, Add* | *2.71* | |
| 23 07 19 00-0009 | LF | 2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 15.38 | 3.76 |
| | | *For Work In Restricted Working Space, Add* | *2.82* | |
| 23 07 19 00-0010 | LF | 3" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 16.07 | 3.86 |
| | | *For Work In Restricted Working Space, Add* | *2.89* | |
| 23 07 19 00-0011 | LF | 4" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 18.42 | 4.15 |
| | | *For Work In Restricted Working Space, Add* | *3.11* | |
| 23 07 19 00-0012 | LF | 6" Diameter Pipe, 1" Thick Calcium Silicate Insulation | 20.50 | 4.69 |
| | | *For Work In Restricted Working Space, Add* | *3.51* | |
| **23 07 19 00-0013** | | **1-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)* | | |
| 23 07 19 00-0014 | LF | 1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 14.05 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.63* | |
| 23 07 19 00-0015 | LF | 3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 14.14 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.63* | |
| 23 07 19 00-0016 | LF | 1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 15.15 | 3.72 |
| | | *For Work In Restricted Working Space, Add* | *2.79* | |
| 23 07 19 00-0017 | LF | 1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 15.78 | 3.79 |
| | | *For Work In Restricted Working Space, Add* | *2.84* | |
| 23 07 19 00-0018 | LF | 1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 16.42 | 3.86 |
| | | *For Work In Restricted Working Space, Add* | *2.90* | |
| 23 07 19 00-0019 | LF | 2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 17.65 | 4.07 |
| | | *For Work In Restricted Working Space, Add* | *3.06* | |
| 23 07 19 00-0020 | LF | 2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 18.51 | 4.14 |
| | | *For Work In Restricted Working Space, Add* | *3.11* | |
| 23 07 19 00-0021 | LF | 3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 19.22 | 4.28 |
| | | *For Work In Restricted Working Space, Add* | *3.21* | |
| 23 07 19 00-0022 | LF | 4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 21.44 | 4.64 |
| | | *For Work In Restricted Working Space, Add* | *3.47* | |
| 23 07 19 00-0023 | LF | 6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 24.86 | 5.41 |
| | | *For Work In Restricted Working Space, Add* | *4.06* | |
| 23 07 19 00-0024 | LF | 8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 29.30 | 5.70 |
| | | *For Work In Restricted Working Space, Add* | *4.28* | |
| 23 07 19 00-0025 | LF | 10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 36.97 | 6.83 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| 23 07 19 00-0026 | LF | 12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 43.49 | 7.96 |
| | | *For Work In Restricted Working Space, Add* | *5.97* | |
| 23 07 19 00-0027 | LF | 14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 48.47 | 8.72 |
| | | *For Work In Restricted Working Space, Add* | *6.54* | |
| 23 07 19 00-0028 | LF | 16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 57.61 | 11.11 |
| | | *For Work In Restricted Working Space, Add* | *8.33* | |
| 23 07 19 00-0029 | LF | 18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation | 62.14 | 11.65 |
| | | *For Work In Restricted Working Space, Add* | *8.74* | |
| **23 07 19 00-0030** | | **2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)* | | |
| 23 07 19 00-0031 | LF | 1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 17.98 | 3.86 |
| | | *For Work In Restricted Working Space, Add* | *2.89* | |
| 23 07 19 00-0032 | LF | 3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 18.43 | 3.86 |
| | | *For Work In Restricted Working Space, Add* | *2.89* | |
| 23 07 19 00-0033 | LF | 1" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 19.04 | 3.91 |
| | | *For Work In Restricted Working Space, Add* | *2.93* | |
| 23 07 19 00-0034 | LF | 1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 19.82 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *2.97* | |
| 23 07 19 00-0035 | LF | 1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 20.37 | 4.01 |
| | | *For Work In Restricted Working Space, Add* | *3.01* | |
| 23 07 19 00-0036 | LF | 2" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 21.25 | 4.15 |
| | | *For Work In Restricted Working Space, Add* | *3.11* | |
| 23 07 19 00-0037 | LF | 2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 23.83 | 4.30 |
| | | *For Work In Restricted Working Space, Add* | *3.23* | |
| 23 07 19 00-0038 | LF | 3" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 24.24 | 4.44 |
| | | *For Work In Restricted Working Space, Add* | *3.34* | |
| 23 07 19 00-0039 | LF | 4" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 26.90 | 4.69 |
| | | *For Work In Restricted Working Space, Add* | *3.52* | |
| 23 07 19 00-0040 | LF | 6" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 33.00 | 5.62 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| 23 07 19 00-0041 | LF | 8" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 37.39 | 5.94 |
| | | *For Work In Restricted Working Space, Add* | *4.45* | |
| 23 07 19 00-0042 | LF | 10" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 46.09 | 7.10 |
| | | *For Work In Restricted Working Space, Add* | *5.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 07 19 00-0043 | LF | 12" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 52.74 | 8.52 |
| | | *For Work In Restricted Working Space, Add* | *6.38* | |
| 23 07 19 00-0044 | LF | 14" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 64.29 | 11.87 |
| | | *For Work In Restricted Working Space, Add* | *8.91* | |
| 23 07 19 00-0045 | LF | 16" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 67.83 | 11.87 |
| | | *For Work In Restricted Working Space, Add* | *8.91* | |
| 23 07 19 00-0046 | LF | 18" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 72.78 | 12.47 |
| | | *For Work In Restricted Working Space, Add* | *9.35* | |
| 23 07 19 00-0047 | LF | 20" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 86.87 | 14.25 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 07 19 00-0048 | LF | 24" Diameter Pipe, 2" Thick Calcium Silicate Insulation | 101.04 | 17.22 |
| | | *For Work In Restricted Working Space, Add* | *12.92* | |
| **23 07 19 00-0049** | | **2-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)* | | |
| 23 07 19 00-0050 | LF | 1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 21.61 | 4.45 |
| | | *For Work In Restricted Working Space, Add* | *3.34* | |
| 23 07 19 00-0051 | LF | 3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 22.08 | 4.45 |
| | | *For Work In Restricted Working Space, Add* | *3.34* | |
| 23 07 19 00-0052 | LF | 1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 22.48 | 4.52 |
| | | *For Work In Restricted Working Space, Add* | *3.39* | |
| 23 07 19 00-0053 | LF | 1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 22.69 | 4.56 |
| | | *For Work In Restricted Working Space, Add* | *3.42* | |
| 23 07 19 00-0054 | LF | 1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 23.29 | 4.60 |
| | | *For Work In Restricted Working Space, Add* | *3.44* | |
| 23 07 19 00-0055 | LF | 2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 24.28 | 4.78 |
| | | *For Work In Restricted Working Space, Add* | *3.59* | |
| 23 07 19 00-0056 | LF | 2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 27.40 | 4.95 |
| | | *For Work In Restricted Working Space, Add* | *3.71* | |
| 23 07 19 00-0057 | LF | 3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 27.83 | 5.12 |
| | | *For Work In Restricted Working Space, Add* | *3.84* | |
| 23 07 19 00-0058 | LF | 4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 32.25 | 5.40 |
| | | *For Work In Restricted Working Space, Add* | *4.05* | |
| 23 07 19 00-0059 | LF | 6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 40.29 | 6.14 |
| | | *For Work In Restricted Working Space, Add* | *4.60* | |
| 23 07 19 00-0060 | LF | 8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 46.02 | 6.84 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| 23 07 19 00-0061 | LF | 10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 55.03 | 7.89 |
| | | *For Work In Restricted Working Space, Add* | *5.92* | |
| 23 07 19 00-0062 | LF | 12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 63.89 | 9.81 |
| | | *For Work In Restricted Working Space, Add* | *7.35* | |
| 23 07 19 00-0063 | LF | 14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 70.70 | 10.70 |
| | | *For Work In Restricted Working Space, Add* | *8.03* | |
| 23 07 19 00-0064 | LF | 16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 85.68 | 13.68 |
| | | *For Work In Restricted Working Space, Add* | *10.26* | |
| 23 07 19 00-0065 | LF | 18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 90.51 | 14.36 |
| | | *For Work In Restricted Working Space, Add* | *10.77* | |
| 23 07 19 00-0066 | LF | 20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 105.05 | 16.42 |
| | | *For Work In Restricted Working Space, Add* | *12.31* | |
| 23 07 19 00-0067 | LF | 24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation | 123.30 | 19.83 |
| | | *For Work In Restricted Working Space, Add* | *14.87* | |
| **23 07 19 00-0068** | | **3" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)* | | |
| 23 07 19 00-0069 | LF | 1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 27.43 | 4.93 |
| | | *For Work In Restricted Working Space, Add* | *3.70* | |
| 23 07 19 00-0070 | LF | 3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 27.54 | 4.93 |
| | | *For Work In Restricted Working Space, Add* | *3.70* | |
| 23 07 19 00-0071 | LF | 1" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 27.78 | 4.98 |
| | | *For Work In Restricted Working Space, Add* | *3.74* | |
| 23 07 19 00-0072 | LF | 1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 28.07 | 5.01 |
| | | *For Work In Restricted Working Space, Add* | *3.76* | |
| 23 07 19 00-0073 | LF | 1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 28.33 | 5.06 |
| | | *For Work In Restricted Working Space, Add* | *3.80* | |
| 23 07 19 00-0074 | LF | 2" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 29.29 | 5.25 |
| | | *For Work In Restricted Working Space, Add* | *3.94* | |
| 23 07 19 00-0075 | LF | 2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 32.59 | 5.43 |
| | | *For Work In Restricted Working Space, Add* | *4.07* | |
| 23 07 19 00-0076 | LF | 3" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 33.23 | 5.62 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| 23 07 19 00-0077 | LF | 4" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 39.33 | 5.95 |
| | | *For Work In Restricted Working Space, Add* | *4.46* | |
| 23 07 19 00-0078 | LF | 6" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 46.73 | 6.74 |
| | | *For Work In Restricted Working Space, Add* | *5.06* | |
| 23 07 19 00-0079 | LF | 8" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 54.36 | 7.52 |
| | | *For Work In Restricted Working Space, Add* | *5.64* | |
| 23 07 19 00-0080 | LF | 10" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 64.63 | 8.68 |
| | | *For Work In Restricted Working Space, Add* | *6.51* | |
| 23 07 19 00-0081 | LF | 12" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 74.46 | 10.78 |
| | | *For Work In Restricted Working Space, Add* | *8.09* | |
| 23 07 19 00-0082 | LF | 14" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 82.71 | 11.77 |
| | | *For Work In Restricted Working Space, Add* | *8.83* | |
| 23 07 19 00-0083 | LF | 16" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 96.47 | 15.05 |
| | | *For Work In Restricted Working Space, Add* | *11.28* | |
| 23 07 19 00-0084 | LF | 18" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 104.12 | 15.80 |
| | | *For Work In Restricted Working Space, Add* | *11.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 07 19 00-0085 | LF | 20" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 122.03 | 18.07 |
| | | *For Work In Restricted Working Space, Add* | *13.55* | |
| 23 07 19 00-0086 | LF | 24" Diameter Pipe, 3" Thick Calcium Silicate Insulation | 144.24 | 21.82 |
| | | *For Work In Restricted Working Space, Add* | *16.37* | |

### 23 07 19 00-0087 3-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 07 19 00-0088 | LF | 1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 35.16 | 5.40 |
| | | *For Work In Restricted Working Space, Add* | *4.05* | |
| 23 07 19 00-0089 | LF | 3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 36.53 | 5.40 |
| | | *For Work In Restricted Working Space, Add* | *4.05* | |
| 23 07 19 00-0090 | LF | 1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 36.62 | 5.43 |
| | | *For Work In Restricted Working Space, Add* | *4.07* | |
| 23 07 19 00-0091 | LF | 1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 36.71 | 5.47 |
| | | *For Work In Restricted Working Space, Add* | *4.10* | |
| 23 07 19 00-0092 | LF | 1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 37.90 | 5.54 |
| | | *For Work In Restricted Working Space, Add* | *4.16* | |
| 23 07 19 00-0093 | LF | 2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 40.25 | 5.72 |
| | | *For Work In Restricted Working Space, Add* | *4.29* | |
| 23 07 19 00-0094 | LF | 2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 43.77 | 5.93 |
| | | *For Work In Restricted Working Space, Add* | *4.44* | |
| 23 07 19 00-0095 | LF | 3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 45.33 | 6.14 |
| | | *For Work In Restricted Working Space, Add* | *4.60* | |
| 23 07 19 00-0096 | LF | 4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 51.76 | 6.48 |
| | | *For Work In Restricted Working Space, Add* | *4.87* | |
| 23 07 19 00-0097 | LF | 6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 57.71 | 7.36 |
| | | *For Work In Restricted Working Space, Add* | *5.52* | |
| 23 07 19 00-0098 | LF | 8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 70.47 | 8.20 |
| | | *For Work In Restricted Working Space, Add* | *6.15* | |
| 23 07 19 00-0099 | LF | 10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 85.76 | 9.46 |
| | | *For Work In Restricted Working Space, Add* | *7.10* | |
| 23 07 19 00-0100 | LF | 12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 103.75 | 11.76 |
| | | *For Work In Restricted Working Space, Add* | *8.82* | |
| 23 07 19 00-0101 | LF | 14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 109.19 | 12.84 |
| | | *For Work In Restricted Working Space, Add* | *9.63* | |
| 23 07 19 00-0102 | LF | 16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 126.98 | 16.42 |
| | | *For Work In Restricted Working Space, Add* | *12.31* | |
| 23 07 19 00-0103 | LF | 18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 146.26 | 17.23 |
| | | *For Work In Restricted Working Space, Add* | *12.93* | |
| 23 07 19 00-0104 | LF | 20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation | 157.55 | 19.71 |
| | | *For Work In Restricted Working Space, Add* | *14.78* | |

### 23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 07 19 00-0106 | LF | 1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 44.10 | 6.00 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 23 07 19 00-0107 | LF | 3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 44.14 | 6.00 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 23 07 19 00-0108 | LF | 1" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 44.40 | 6.10 |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 07 19 00-0109 | LF | 1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 45.65 | 6.17 |
| | | *For Work In Restricted Working Space, Add* | *4.63* | |
| 23 07 19 00-0110 | LF | 1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 48.39 | 6.37 |
| | | *For Work In Restricted Working Space, Add* | *4.77* | |
| 23 07 19 00-0111 | LF | 2" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 49.37 | 6.56 |
| | | *For Work In Restricted Working Space, Add* | *4.92* | |
| 23 07 19 00-0112 | LF | 2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 54.04 | 6.66 |
| | | *For Work In Restricted Working Space, Add* | *5.00* | |
| 23 07 19 00-0113 | LF | 3" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 55.59 | 6.90 |
| | | *For Work In Restricted Working Space, Add* | *5.18* | |
| 23 07 19 00-0114 | LF | 4" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 63.25 | 7.29 |
| | | *For Work In Restricted Working Space, Add* | *5.47* | |
| 23 07 19 00-0115 | LF | 6" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 73.20 | 8.27 |
| | | *For Work In Restricted Working Space, Add* | *6.20* | |
| 23 07 19 00-0116 | LF | 8" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 87.38 | 9.22 |
| | | *For Work In Restricted Working Space, Add* | *6.92* | |
| 23 07 19 00-0117 | LF | 10" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 100.61 | 10.65 |
| | | *For Work In Restricted Working Space, Add* | *8.00* | |
| 23 07 19 00-0118 | LF | 12" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 114.29 | 13.23 |
| | | *For Work In Restricted Working Space, Add* | *9.93* | |
| 23 07 19 00-0119 | LF | 14" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 121.47 | 14.46 |
| | | *For Work In Restricted Working Space, Add* | *10.85* | |
| 23 07 19 00-0120 | LF | 16" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 143.49 | 18.48 |
| | | *For Work In Restricted Working Space, Add* | *13.86* | |
| 23 07 19 00-0121 | LF | 18" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 152.67 | 19.37 |
| | | *For Work In Restricted Working Space, Add* | *14.53* | |
| 23 07 19 00-0122 | LF | 20" Diameter Pipe, 4" Thick Calcium Silicate Insulation | 168.78 | 22.17 |
| | | *For Work In Restricted Working Space, Add* | *16.63* | |

### 23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 07 19 00-0124 | SF | 1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET) | 5.24 | |
| | | *For Work In Restricted Working Space, Add* | *0.95* | |


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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|

# 23 08 Commissioning of HVAC *(23)*

See CSI section 23 05 93 00-0000 for testing and balancing.

# 23 09 Instrumentation and Control for HVAC *(23)*

## 23 09 23 Direct-Digital Control System for HVAC *(23 09)*

### 23 09 23 11 Control Valves *(23 09 23)*

#### 23 09 23 11-0001 Valves With Actuator *(23 09 23 11)*

| | | | | | |
|---|---|---|---|---|---|
| 23 09 23 11-0002 | EA | 1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US) | | 718.07 | 14.99 |
| 23 09 23 11-0003 | EA | 3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US) | | 742.26 | 20.21 |
| 23 09 23 11-0004 | EA | 1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US) | | 812.22 | 24.46 |
| 23 09 23 11-0005 | EA | 1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US) | | 886.00 | 30.97 |
| 23 09 23 11-0006 | EA | 1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US) | | 1,009.20 | 35.74 |
| 23 09 23 11-0007 | EA | 2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US) | | 1,140.45 | 42.24 |
| 23 09 23 11-0008 | EA | 2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1) | | 2,132.48 | 84.48 |
| 23 09 23 11-0009 | EA | 3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1) | | 2,311.25 | 98.86 |
| 23 09 23 11-0010 | EA | 4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1) | | 3,118.82 | 145.20 |
| 23 09 23 11-0011 | EA | 5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1) | | 4,587.86 | 209.84 |
| 23 09 23 11-0012 | EA | 6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1) | | 5,081.74 | 232.33 |
| 23 09 23 11-0013 | EA | 1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US) | | 772.06 | 22.48 |
| 23 09 23 11-0014 | EA | 3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US) | | 795.31 | 30.31 |
| 23 09 23 11-0015 | EA | 1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US) | | 861.34 | 36.68 |
| 23 09 23 11-0016 | EA | 1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US) | | 954.42 | 46.47 |
| 23 09 23 11-0017 | EA | 1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US) | | 1,226.35 | 53.61 |
| 23 09 23 11-0018 | EA | 2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US) | | 1,360.12 | 63.36 |
| 23 09 23 11-0019 | EA | 2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1) | | 2,401.29 | 126.73 |
| 23 09 23 11-0020 | EA | 3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1) | | 2,638.82 | 148.29 |
| 23 09 23 11-0021 | EA | 4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1) | | 3,839.90 | 217.80 |
| 23 09 23 11-0022 | EA | 5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1) | | 5,569.75 | 314.76 |
| 23 09 23 11-0023 | EA | 6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1) | | 6,191.87 | 348.49 |
| 23 09 23 11-0024 | EA | 1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC) | | 117.22 | 14.99 |
| 23 09 23 11-0025 | EA | 3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC) | | 139.20 | 20.21 |
| 23 09 23 11-0026 | EA | 1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC) | | 175.00 | 24.46 |
| 23 09 23 11-0027 | EA | 1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC) | | 144.91 | 22.48 |
| 23 09 23 11-0028 | EA | 3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC) | | 170.85 | 30.31 |
| 23 09 23 11-0029 | EA | 1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC) | | 213.24 | 36.68 |
| 23 09 23 11-0030 | EA | 1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3) | | 191.40 | 14.99 |
| 23 09 23 11-0031 | EA | 3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3) | | 227.80 | 20.21 |
| 23 09 23 11-0032 | EA | 1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3) | | 259.67 | 24.46 |
| 23 09 23 11-0033 | EA | 1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3) | | 337.53 | 30.97 |
| 23 09 23 11-0034 | EA | 1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3) | | 350.50 | 35.74 |
| 23 09 23 11-0035 | EA | 2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3) | | 445.31 | 42.24 |
| 23 09 23 11-0036 | EA | 2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3) | | 954.31 | 84.48 |
| 23 09 23 11-0037 | EA | 3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3) | | 1,120.33 | 98.86 |
| 23 09 23 11-0038 | EA | 1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3) | | 233.51 | 22.48 |
| 23 09 23 11-0039 | EA | 3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3) | | 271.62 | 30.31 |
| 23 09 23 11-0040 | EA | 1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3) | | 349.67 | 36.68 |
| 23 09 23 11-0041 | EA | 1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3) | | 494.08 | 46.47 |
| 23 09 23 11-0042 | EA | 1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3) | | 522.56 | 53.61 |
| 23 09 23 11-0043 | EA | 2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3) | | 689.72 | 63.36 |
| 23 09 23 11-0044 | EA | 2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1) | | 572.59 | 77.44 |
| 23 09 23 11-0045 | EA | 2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1) | | 602.40 | 84.48 |
| 23 09 23 11-0046 | EA | 3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1) | | 787.51 | 98.86 |
| 23 09 23 11-0047 | EA | 4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1) | | 1,207.89 | 165.95 |
| 23 09 23 11-0048 | EA | 5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24) | | 2,386.64 | 209.84 |
| 23 09 23 11-0049 | EA | 6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24) | | 2,521.93 | 232.33 |
| 23 09 23 11-0050 | EA | 8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24) | | 3,412.25 | 265.52 |
| 23 09 23 11-0051 | EA | 10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24) | | 4,186.35 | 325.25 |
| 23 09 23 11-0052 | EA | 12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24) | | 5,170.96 | 394.25 |
| 23 09 23 11-0053 | EA | 14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24) | | 5,755.67 | 464.64 |
| 23 09 23 11-0054 | EA | 16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110) | | 7,574.62 | 511.11 |
| 23 09 23 11-0055 | EA | 18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110) | | 9,161.68 | 567.80 |
| 23 09 23 11-0056 | EA | 2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1) | | 1,048.39 | 116.16 |
| 23 09 23 11-0057 | EA | 2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1) | | 1,231.37 | 126.73 |
| 23 09 23 11-0058 | EA | 3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1) | | 1,517.25 | 148.29 |
| 23 09 23 11-0059 | EA | 4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1) | | 1,967.34 | 248.92 |
| 23 09 23 11-0060 | EA | 5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24) | | 3,960.01 | 314.76 |
| 23 09 23 11-0061 | EA | 6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24) | | 4,108.01 | 348.49 |
| 23 09 23 11-0062 | EA | 8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24) | | 5,164.11 | 398.31 |
| 23 09 23 11-0063 | EA | 10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24) | | 6,821.72 | 487.88 |
| 23 09 23 11-0064 | EA | 12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24) | | 8,291.19 | 591.37 |
| 23 09 23 11-0065 | EA | 14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110) | | 12,858.89 | 696.97 |
| 23 09 23 11-0066 | EA | 16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110) | | 14,334.63 | 766.67 |
| 23 09 23 11-0067 | EA | 18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110) | | 21,946.53 | 851.70 |

#### 23 09 23 11-0068 Valve Actuators *(23 09 23 11)*

| | | | | | |
|---|---|---|---|---|---|
| 23 09 23 11-0069 | EA | 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T) | | 430.33 | 95.97 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 11-0070 | EA | 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3) | 436.15 | 95.97 |
| 23 09 23 11-0071 | EA | 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T) | 545.39 | 95.97 |
| 23 09 23 11-0072 | EA | 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S) | 484.46 | 95.97 |
| 23 09 23 11-0073 | EA | 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR) | 492.95 | 95.97 |
| 23 09 23 11-0074 | EA | 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT) | 548.69 | 95.97 |
| 23 09 23 11-0075 | EA | 24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1) | 684.35 | 95.97 |
| 23 09 23 11-0076 | EA | 24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95) | 698.53 | 95.97 |
| 23 09 23 11-0077 | EA | 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT) | 732.71 | 95.97 |
| 23 09 23 11-0078 | EA | 120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3) | 530.91 | 95.97 |
| 23 09 23 11-0079 | EA | 120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR) | 602.63 | 95.97 |
| 23 09 23 11-0080 | EA | 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T) | 521.07 | 95.97 |
| 23 09 23 11-0081 | EA | 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3) | 529.58 | 95.97 |
| 23 09 23 11-0082 | EA | 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14) | 532.76 | 95.97 |
| 23 09 23 11-0083 | EA | 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S) | 590.62 | 95.97 |
| 23 09 23 11-0084 | EA | 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T) | 615.57 | 95.97 |
| 23 09 23 11-0085 | EA | 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR) | 628.82 | 95.97 |
| 23 09 23 11-0086 | EA | 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT) | 626.19 | 95.97 |
| 23 09 23 11-0087 | EA | 24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC) | 634.67 | 95.97 |
| 23 09 23 11-0088 | EA | 24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95) | 634.14 | 95.97 |
| 23 09 23 11-0089 | EA | 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4) | 689.19 | 95.97 |
| 23 09 23 11-0090 | EA | 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4) | 828.42 | 95.97 |
| 23 09 23 11-0091 | EA | 100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3) | 561.95 | 95.97 |
| 23 09 23 11-0092 | EA | 100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR) | 663.88 | 95.97 |
| 23 09 23 11-0093 | EA | 24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24) | 1,463.25 | 95.97 |
| 23 09 23 11-0094 | EA | 24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24) | 1,637.34 | 95.97 |
| 23 09 23 11-0095 | EA | 24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24) | 1,959.53 | 95.97 |
| 23 09 23 11-0096 | EA | 24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24) | 2,215.91 | 95.97 |
| 23 09 23 11-0097 | EA | 120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110) | 2,617.72 | 95.97 |
| 23 09 23 11-0098 | EA | 120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110) | 3,078.46 | 95.97 |
| 23 09 23 11-0099 | EA | 120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110) | 4,137.93 | 95.97 |
| 23 09 23 11-0100 | EA | 120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110) | 5,045.05 | 95.97 |

## 23 09 23 12 Control Dampers *(23 09 23)*

### 23 09 23 12-0001 Rectangular Galvanized Volume Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

| | | | | |
|---|---|---|---|---|
| 23 09 23 12-0002 | EA | 8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008) | 186.66 | 34.47 |
| 23 09 23 12-0003 | EA | 10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010) | 210.52 | 37.80 |
| 23 09 23 12-0004 | EA | 12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012) | 235.46 | 41.69 |
| 23 09 23 12-0005 | EA | 14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014) | 272.16 | 48.92 |
| 23 09 23 12-0006 | EA | 16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016) | 307.74 | 55.59 |
| 23 09 23 12-0007 | EA | 18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018) | 310.52 | 62.54 |
| 23 09 23 12-0008 | EA | 20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020) | 381.93 | 69.49 |
| 23 09 23 12-0009 | EA | 24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024) | 456.07 | 83.38 |
| 23 09 23 12-0010 | EA | 32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032) | 586.79 | 97.27 |
| 23 09 23 12-0011 | EA | 48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048) | 875.12 | 111.17 |
| 23 09 23 12-0012 | EA | 60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060) | 1,614.13 | 125.07 |
| 23 09 23 12-0013 | EA | 72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072) | 2,052.71 | 138.97 |

### 23 09 23 12-0014 Round Galvanized Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

| | | | | |
|---|---|---|---|---|
| 23 09 23 12-0015 | EA | 6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06) | 180.74 | 38.91 |
| 23 09 23 12-0016 | EA | 8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08) | 186.40 | 41.69 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 12-0017 | EA | 10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10) | 194.65 | 41.69 |
| 23 09 23 12-0018 | EA | 12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12) | 215.96 | 47.25 |
| 23 09 23 12-0019 | EA | 14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14) | 246.55 | 47.25 |
| 23 09 23 12-0020 | EA | 16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16) | 266.95 | 55.59 |
| 23 09 23 12-0021 | EA | 18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18) | 358.83 | 58.51 |
| 23 09 23 12-0022 | EA | 20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20) | 375.24 | 60.65 |
| 23 09 23 12-0023 | EA | 22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22) | 398.05 | 65.38 |
| 23 09 23 12-0024 | EA | 24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24) | 421.32 | 70.11 |

### 23 09 23 12-0025 Remote Damper Control *(23 09 23 12)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 12-0026 | EA | Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B) | 266.11 | |
| | | *For Each 10' Flexible Casing And Wire, Add* | *36.10* | |
| 23 09 23 12-0027 | EA | Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B) | 258.73 | |
| | | *For Each 10' Flexible Casing And Wire, Add* | *36.10* | |

## 23 09 23 13 Energy Meters *(23 09 23)*

### 23 09 23 13-0001 Surge Protectors *(23 09 23 13)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 13-0002 | EA | Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255) | 309.93 | 8.82 |
| 23 09 23 13-0003 | EA | Surge Protector, 1AC Outlet (Transtector TR2251) | 233.97 | 8.82 |
| 23 09 23 13-0004 | EA | Surge Protector, 2 AC Outlets (Transtector TR2254) | 364.68 | 8.82 |
| 23 09 23 13-0005 | EA | Surge Protector, DB-15 Connection (Transtector TR2259-DLP15) | 196.88 | 8.82 |
| 23 09 23 13-0006 | EA | Surge Protector, DB-25 Connection (Transtector TR2259-DLP25) | 196.88 | 8.82 |
| 23 09 23 13-0007 | EA | Surge Protector, DB-9 Connection (Transtector TR2259-DLP9) | 196.88 | 8.82 |
| 23 09 23 13-0008 | EA | Surge Protector, Individual Wire Connection (Transtector TR2258) | 285.21 | 8.82 |
| 23 09 23 13-0009 | EA | Surge Protector, Trane Communication Links (Transtector TR2257) | 175.68 | 8.82 |

## 23 09 23 14 Flow Instruments *(23 09 23)*

### 23 09 23 14-0001 Water Flow Meters *(23 09 23 14)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 14-0002 | EA | Insertion Electromagnetic Water Flow Meter (Onicon F-3500)<br>Note: Excludes pipe fittings. | 4,654.49 | 102.65 |

### 23 09 23 14-0003 Air Flow Monitoring Stations *(23 09 23 14)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 14-0004 | EA | Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116)<br>Note: 10' cable, 36" x 24" typical duct size. | 3,642.71 | 106.73 |
| 23 09 23 14-0005 | EA | Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)<br>Note: 10' cable, 48" x 36" typical duct size. | 5,229.72 | 106.73 |
| 23 09 23 14-0006 | EA | Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)<br>Note: 10' cable, 60" x 48" typical duct size. | 6,508.39 | 106.73 |

## 23 09 23 16 Gas Instruments *(23 09 23)*

### 23 09 23 16-0001 Gas Sensors *(23 09 23 16)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 16-0002 | EA | 6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B) | 1,923.86 | 52.89 |
| 23 09 23 16-0003 | EA | Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD) | 850.06 | 35.26 |
| 23 09 23 16-0004 | EA | CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2)<br>Note: Solid state sensor. | 1,528.88 | 52.89 |
| 23 09 23 16-0005 | EA | CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD) | 829.83 | 63.47 |

## 23 09 23 19 Moisture Instruments *(23 09 23)*

### 23 09 23 19-0001 Relative Humidity Sensors *(23 09 23 19)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 19-0002 | EA | 3% Duct Mounted RH Sensor (Kele HD30K) | 516.84 | 63.47 |
| 23 09 23 19-0003 | EA | 10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3) | 530.95 | 63.47 |
| 23 09 23 19-0004 | EA | 3% RH Outdoor Air Sensor (Kele HO30K) | 601.03 | 88.15 |
| 23 09 23 19-0005 | EA | 2% Surface Mounted RH Transmitter (Kele HW20K) | 467.88 | 35.26 |

## 23 09 23 21 Motion Instruments *(23 09 23)*

### 23 09 23 21-0001 Peco Motion Sensors *(23 09 23 21)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 21-0002 | EA | Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001) | 170.92 | 24.79 |
| 23 09 23 21-0003 | EA | Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001) | 167.55 | 24.79 |
| 23 09 23 21-0004 | EA | Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001) | 224.05 | 24.79 |
| 23 09 23 21-0005 | EA | Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002) | 199.12 | 24.79 |
| 23 09 23 21-0006 | EA | Door Switch Occupancy Sensor (Peco SE200-001) | 62.11 | 24.79 |
| 23 09 23 21-0007 | EA | Window Switch Occupancy Sensor (Peco SE200-002) | 57.46 | 24.79 |
| 23 09 23 21-0008 | EA | Power Pack And Controller (Peco SF200-001) | 105.24 | 24.79 |

## 23 09 23 23 Pressure Instruments *(23 09 23)*

### 23 09 23 23-0001 Pressure Sensors *(23 09 23 23)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 23-0002 | EA | 0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005) | 689.37 | 74.44 |
| 23 09 23 23-0003 | EA | 0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050) | 613.54 | 74.44 |
| 23 09 23 23-0004 | EA | 0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222) | 246.60 | 74.44 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 23-0005 | EA | 0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262) | 255.41 | 74.44 |
| 23 09 23 23-0006 | EA | 0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460) | 272.65 | 74.44 |
| 23 09 23 23-0007 | EA | 0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145) | 252.86 | 74.44 |
| 23 09 23 23-0008 | EA | 0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA)<br>Note: Excludes pipe fittings. | 2,535.25 | 74.44 |
| 23 09 23 23-0009 | EA | 0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA)<br>Note: Excludes pipe fittings. | 2,535.25 | 74.44 |
| 23 09 23 23-0010 | EA | Magnahelic Gauge | 665.59 | 45.51 |
| 23 09 23 23-0011 | | Room Pressure Monitoring *(23 09 23 23)* | | |
| 23 09 23 23-0012 | EA | Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM) | 3,007.53 | 55.59 |
| 23 09 23 23-0013 | EA | Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC)<br>Note: Excludes dampers and actuators. | 4,851.24 | 55.59 |
| 23 09 23 23-0014 | EA | Hospital Room Pressure Status Remote Visual Display (TSI 8694-4) | 380.53 | 33.35 |
| 23 09 23 23-0015 | EA | Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7) | 439.38 | 33.35 |
| **23 09 23 27** | | **Temperature Instruments** *(23 09 23)* | | |
| 23 09 23 27-0001 | | Air Temperature Sensors *(23 09 23 27)* | | |
| 23 09 23 27-0002 | EA | 10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24) | 191.63 | 63.47 |
| 23 09 23 27-0003 | EA | 10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO) | 267.46 | 63.47 |
| 23 09 23 27-0004 | EA | 10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG) | 200.35 | 63.47 |
| 23 09 23 27-0005 | EA | 10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH) | 209.30 | 63.47 |
| 23 09 23 27-0006 | EA | 10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18) | 212.28 | 63.47 |
| 23 09 23 27-0007 | EA | 10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6) | 209.33 | 63.47 |
| 23 09 23 27-0008 | EA | 10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP) | 210.92 | 63.47 |
| 23 09 23 27-0009 | EA | 10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4) | 225.98 | 63.47 |
| 23 09 23 27-0010 | EA | 10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW) | 239.15 | 63.47 |
| 23 09 23 27-0011 | EA | 10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24) | 290.06 | 88.15 |
| 23 09 23 27-0012 | EA | 10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25) | 300.19 | 88.15 |
| 23 09 23 27-0013 | EA | Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF) | 130.99 | 35.26 |
| 23 09 23 27-0014 | EA | Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R) | 134.72 | 35.26 |
| 23 09 23 27-0015 | EA | Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP) | 124.91 | 35.26 |
| 23 09 23 27-0016 | | Water Temperature Sensors *(23 09 23 27)* | | |
| 23 09 23 27-0017 | EA | 5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001) | 154.17 | 68.21 |
| 23 09 23 27-0018 | EA | Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005) | 350.76 | 68.21 |
| 23 09 23 27-0019 | | Peco Thermostats *(23 09 23 27)* | | |
| 23 09 23 27-0020 | EA | 3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ) | 358.19 | 16.53 |
| 23 09 23 27-0021 | EA | 3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001) | 319.55 | 16.53 |
| **23 09 23 53** | | **Proprietary Control Systems** *(23 09 23)* | | |
| 23 09 23 53-0001 | | EMCS General Costs *(23 09 23 53)* | | |
| 23 09 23 53-0002 | | EMCS System Design Engineering *(23 09 23 53-0001)*<br>Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks. | | |
| 23 09 23 53-0003 | HR | EMCS Site Inspection Of Existing Facilities | 272.72 | |
| 23 09 23 53-0004 | HR | EMCS Engineering Project Management | 272.72 | |
| 23 09 23 53-0005 | HR | EMCS System Engineering, Schematic Design And Layout | 289.25 | |
| 23 09 23 53-0006 | HR | EMCS System Software Programming And Graphics Programming | 289.25 | |
| 23 09 23 53-0007 | HR | EMCS Graphics Picture Creation | 186.01 | |
| 23 09 23 53-0008 | HR | EMCS System Controls Training | 272.72 | |
| 23 09 23 53-0009 | HR | EMCS On Site System Diagnostics Field Technician | 272.72 | |
| 23 09 23 53-0010 | HR | EMCS Remote Technical Support Using Phone Or Internet | 227.32 | |
| 23 09 23 53-0011 | HR | EMCS Travel Time (All Personnel) | 235.59 | |
| 23 09 23 53-0012 | | Field Tests, Checkout And Commissioning *(23 09 23 53-0001)*<br>Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points. | | |
| 23 09 23 53-0013 | PNT | EMCS Field Test<br>Note: Priced per point. | 144.68 | |
| 23 09 23 53-0014 | PNT | EMCS Field Checkout And Startup<br>Note: Priced per point. | 144.68 | |
| 23 09 23 53-0015 | PNT | EMCS Field Commissioning<br>Note: Priced per point. | 144.68 | |
| 23 09 23 53-0016 | EA | EMCS Field Balance Support<br>Note: Priced per controller. | 123.96 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0017 | | EMCS System Engineering/Submittal Design And Layout *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points. | | |
| 23 09 23 53-0018 | PNT | EMCS System Engineering/Submittal Design And Layout Note: Priced per point. | 48.26 | |
| 23 09 23 53-0019 | | Alerton Controls *(23 09 23 53)* | | |
| 23 09 23 53-0020 | EA | 50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL) | 9,994.42 | |
| 23 09 23 53-0021 | EA | 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM) | 12,990.13 | |
| 23 09 23 53-0022 | EA | Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM) | 33,681.24 | |
| 23 09 23 53-0023 | EA | Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE) | 25,134.91 | |
| 23 09 23 53-0024 | EA | Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE) | 65,617.50 | |
| 23 09 23 53-0025 | EA | Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE) | 51,636.62 | |
| 23 09 23 53-0026 | EA | Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE) | 79,111.68 | |
| 23 09 23 53-0027 | EA | Alerton Building Suite Tech License (Alerton ABS-3-TECH) | 2,142.79 | |
| 23 09 23 53-0028 | EA | Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1) | 29,686.95 | |
| 23 09 23 53-0029 | EA | Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG) | 21,576.93 | |
| 23 09 23 53-0030 | EA | 150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED) | 12,927.17 | |
| 23 09 23 53-0031 | EA | 50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM) | 7,785.86 | |
| 23 09 23 53-0032 | EA | 10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS) | 2,946.09 | |
| 23 09 23 53-0033 | EA | 1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100) | 5,460.52 | 264.46 |
| 23 09 23 53-0034 | EA | Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS) | 8,098.13 | 352.61 |
| 23 09 23 53-0035 | EA | Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS) | 7,988.37 | 352.61 |
| 23 09 23 53-0036 | EA | V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM) | 2,806.65 | 264.46 |
| 23 09 23 53-0037 | EA | 1 MS/TP, BACtalk Control Module (Alerton 715000300) | 3,449.88 | 264.46 |
| 23 09 23 53-0038 | EA | Power Supply, BACtalk Control Module (Alerton BCM-PWS) | 2,608.73 | 264.46 |
| 23 09 23 53-0039 | EA | 1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX) | 3,302.35 | 264.46 |
| 23 09 23 53-0040 | EA | Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB) | 8,132.36 | 264.46 |
| 23 09 23 53-0041 | EA | BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS) | 3,521.80 | 352.61 |
| 23 09 23 53-0042 | EA | EXP BACnet Controller (Alerton VLX) | 7,803.76 | 705.22 |
| 23 09 23 53-0043 | EA | VLX BACnet High Performance Controller (Alerton VLX-PLATINUM) | 9,211.67 | 705.22 |
| 23 09 23 53-0044 | EA | Multiple Segment MS/TP Repeater (Alerton MSTP-REP) | 1,228.36 | 78.52 |
| 23 09 23 53-0045 | EA | 4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD) | 2,244.39 | 264.46 |
| 23 09 23 53-0046 | EA | 4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7) | 2,392.84 | 264.46 |
| 23 09 23 53-0047 | EA | 4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD) | 1,880.06 | 264.46 |
| 23 09 23 53-0048 | EA | 4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A) | 2,086.97 | 264.46 |
| 23 09 23 53-0049 | EA | 5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD) | 2,077.98 | 264.46 |
| 23 09 23 53-0050 | EA | 11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188) | 3,265.46 | 264.46 |
| 23 09 23 53-0051 | EA | 16 Inputs, BACtalk Field Controller (Alerton VLC-1600) | 2,447.71 | 264.46 |
| 23 09 23 53-0052 | EA | 16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160) | 3,715.23 | 352.61 |
| 23 09 23 53-0053 | EA | 4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444) | 1,625.52 | 176.31 |
| 23 09 23 53-0054 | EA | 5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550) | 1,566.13 | 176.31 |
| 23 09 23 53-0055 | EA | 6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R) | 2,100.46 | 264.46 |
| 23 09 23 53-0056 | EA | 6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R) | 2,100.46 | 264.46 |
| 23 09 23 53-0057 | EA | 8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853) | 2,579.95 | 264.46 |
| 23 09 23 53-0058 | EA | 16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688) | 5,290.45 | 352.61 |
| 23 09 23 53-0059 | EA | 2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362) | 2,185.92 | 264.46 |
| 23 09 23 53-0060 | EA | Wireless Door Contact Sensor (Alerton AL-OC-DS) | 156.28 | 9.92 |
| 23 09 23 53-0061 | EA | One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT) | 260.99 | 9.92 |
| 23 09 23 53-0062 | EA | One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT) | 685.61 | 9.92 |
| 23 09 23 53-0063 | EA | Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT) | 685.61 | 9.92 |
| 23 09 23 53-0064 | EA | Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT) | 530.89 | 9.92 |
| 23 09 23 53-0065 | EA | BACnet-Compliant Wall Sensor (Alerton TS-1050-BT) | 171.04 | 9.92 |
| 23 09 23 53-0066 | EA | Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT) | 724.30 | 9.92 |
| 23 09 23 53-0067 | EA | Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT) | 814.27 | 9.92 |
| 23 09 23 53-0068 | EA | 10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0) | 3,256.47 | 264.46 |
| 23 09 23 53-0069 | EA | 10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8) | 3,477.76 | 264.46 |
| 23 09 23 53-0070 | EA | 22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0) | 3,287.05 | 264.46 |
| 23 09 23 53-0071 | EA | 50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM) | 9,337.94 | |
| 23 09 23 53-0072 | EA | Global Controller Base Unit (Alerton ACM) | 5,087.30 | 264.46 |
| 23 09 23 53-0073 | EA | External Battery Pack For ACM (Alerton ACM-BATT) | 1,105.25 | 147.10 |
| 23 09 23 53-0074 | EA | Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032) | 906.79 | |
| 23 09 23 53-0075 | EA | Microset 4 Wall Sensor (Alerton MS4-THC) | 1,039.15 | 9.92 |
| 23 09 23 53-0076 | | Automated Logic Controls *(23 09 23 53)* | | |
| 23 09 23 53-0077 | EA | 0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100) | 3,703.27 | 264.46 |
| 23 09 23 53-0078 | EA | 0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320) | 8,087.80 | 793.38 |
| 23 09 23 53-0079 | EA | 2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx) | 2,476.15 | 264.46 |
| 23 09 23 53-0080 | EA | 4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx) | 5,426.10 | 352.61 |
| 23 09 23 53-0081 | EA | 8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx) | 5,334.52 | 352.61 |
| 23 09 23 53-0082 | EA | 16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160) | 8,471.21 | 705.22 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0083 | EA | 8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx) | 4,739.28 | 352.61 |
| 23 09 23 53-0084 | EA | 0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320) | 4,838.81 | 264.46 |
| 23 09 23 53-0085 | EA | 16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160) | 7,921.76 | 705.22 |
| 23 09 23 53-0086 | EA | No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642) | 1,705.92 | 176.31 |
| 23 09 23 53-0087 | EA | With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D) | 1,822.11 | 176.31 |
| 23 09 23 53-0088 | EA | 3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+) | 2,816.07 | 176.31 |
| 23 09 23 53-0089 | EA | 1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+) | 2,713.05 | 176.31 |
| 23 09 23 53-0090 | EA | Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF) | 2,238.05 | 264.46 |
| 23 09 23 53-0091 | EA | Unlimited Points, Front End Software For Building Control (Automated Logic WC) | 14,641.04 | |
| 23 09 23 53-0092 | EA | 500 Point, Front End Software For Building Control (Automated Logic WC500) | 9,054.90 | |
| 23 09 23 53-0093 | EA | Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE) | 12,328.53 | |

## 23 09 23 53-0094 Cypress Envirosystems Controls *(23 09 23 53)*

## 23 09 23 53-0095 Wireless Pneumatic Thermostat *(23 09 23 53-0094)*

Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.

| | | | | |
|---|---|---|---|---|
| 23 09 23 53-0096 | EA | Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP)<br>Note: One for every thermostat to be retrofitted. | 506.47 | 11.02 |
| | | *For >50 To 200, Deduct* | *-26.12* | |
| | | *For >200, Deduct* | *-52.19* | |
| 23 09 23 53-0097 | EA | Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP)<br>Note: One for every thermostat to be retrofitted. | 506.47 | 11.02 |
| | | *For >50 To 200, Deduct* | *-26.12* | |
| | | *For >200, Deduct* | *-52.19* | |
| 23 09 23 53-0098 | EA | Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP)<br>Note: One for every thermostat to be retrofitted. | 506.47 | 11.02 |
| | | *For >50 To 200, Deduct* | *-26.12* | |
| | | *For >200, Deduct* | *-52.19* | |
| 23 09 23 53-0099 | EA | Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP)<br>Note: One for every thermostat to be retrofitted. | 506.47 | 11.02 |
| | | *For >50 To 200, Deduct* | *-26.12* | |
| | | *For >200, Deduct* | *-52.19* | |
| 23 09 23 53-0100 | EA | Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB)<br>Note: One for every thermostat to be retrofitted. | 576.43 | 11.02 |
| | | *For >50 To 200, Deduct* | *-30.01* | |
| | | *For >200, Deduct* | *-59.96* | |
| 23 09 23 53-0101 | EA | Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB)<br>Note: One for every thermostat to be retrofitted. | 576.43 | 11.02 |
| | | *For >50 To 200, Deduct* | *-30.01* | |
| | | *For >200, Deduct* | *-59.96* | |
| 23 09 23 53-0102 | EA | Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB)<br>Note: One for every thermostat to be retrofitted. | 576.43 | 11.02 |
| | | *For >50 To 200, Deduct* | *-30.01* | |
| | | *For >200, Deduct* | *-59.96* | |
| 23 09 23 53-0103 | EA | Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB)<br>Note: One for every thermostat to be retrofitted. | 591.51 | 11.02 |
| | | *For >50 To 200, Deduct* | *-30.85* | |
| | | *For >200, Deduct* | *-61.64* | |
| 23 09 23 53-0104 | EA | Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV)<br>Note: Optional cover. | 41.84 | 11.02 |
| | | *For >50 To 200, Deduct* | *-1.71* | |
| | | *For >200, Deduct* | *-3.42* | |
| 23 09 23 53-0105 | EA | Green Box Controller (Cypress Envirosystems GBC-800-001)<br>Note: One unit for up to 100 thermostats. | 5,566.83 | 11.02 |
| | | *For 2, Deduct* | *-285.01* | |
| | | *For >2, Deduct* | *-569.51* | |
| 23 09 23 53-0106 | EA | WPT USB Hub (Cypress Envirosystems WPT-800-HUSB)<br>Note: One unit for up to 100 thermostats. | 417.80 | 11.02 |
| | | *For 2, Deduct* | *-22.62* | |
| | | *For >2, Deduct* | *-45.19* | |
| 23 09 23 53-0107 | EA | WPT Repeater (Cypress Envirosystems WPT-800-RWAL)<br>Note: One unit for up to 15 thermostats. | 726.22 | 11.02 |
| | | *For >5 To 10, Deduct* | *-37.31* | |
| | | *For >10, Deduct* | *-74.56* | |
| 23 09 23 53-0108 | EA | 24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V)<br>Note: One unit for up to 15 thermostats. | 890.62 | 11.02 |
| | | *For >5 To 10, Deduct* | *-43.39* | |
| | | *For >10, Deduct* | *-86.71* | |

## 23 09 23 53-0109 Delta Controls *(23 09 23 53)*

## 23 09 23 53-0110 Software *(23 09 23 53-0109)*

Note: Excludes programming, set-up and commissioning of application.

| | | | | |
|---|---|---|---|---|
| 23 09 23 53-0111 | EA | Orca Software Unlimited Points License (Delta Controls DOW333-USB) | 2,183.44 | |
| 23 09 23 53-0112 | EA | Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB) | 3,679.74 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0113 | EA | Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB) | 7,972.77 | |
| 23 09 23 53-0114 | EA | Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB) | 12,609.37 | |
| 23 09 23 53-0115 | EA | Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB) | 6,476.47 | |
| 23 09 23 53-0116 | EA | Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB) | 2,183.44 | |
| 23 09 23 53-0117 | EA | 100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01) | 5,249.89 | |
| 23 09 23 53-0118 | EA | 1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02) | 6,476.47 | |
| 23 09 23 53-0119 | EA | KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB) | 2,292.90 | 110.19 |
| 23 09 23 53-0120 | EA | Delta Controls Touch Screen (Delta Controls DHMI-7-I) | 2,497.24 | |
| 23 09 23 53-0121 | | EMCS Central Equipment And Controllers *(23 09 23 53-0109)* | | |
| 23 09 23 53-0122 | EA | Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) | 7,920.33 | 440.76 |
| | | Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup | | |
| 23 09 23 53-0123 | EA | Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E) | 5,957.80 | 440.76 |
| 23 09 23 53-0124 | EA | Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146) | 4,323.39 | 440.76 |
| 23 09 23 53-0125 | EA | Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180) | 4,323.39 | 440.76 |
| 23 09 23 53-0126 | EA | Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146) | 4,323.39 | 440.76 |
| 23 09 23 53-0127 | EA | Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3) | 4,024.50 | 440.76 |
| 23 09 23 53-0128 | EA | VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF) | 1,424.29 | 220.38 |
| 23 09 23 53-0129 | EA | Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240) | 1,292.43 | 220.38 |
| 23 09 23 53-0130 | EA | Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3) | 1,379.92 | 220.38 |
| 23 09 23 53-0131 | EA | Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240) | 1,292.43 | 220.38 |
| 23 09 23 53-0132 | EA | Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616) | 3,064.44 | 275.47 |
| 23 09 23 53-0133 | EA | Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440) | 762.28 | 110.19 |
| 23 09 23 53-0134 | EA | Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404) | 817.87 | 110.19 |
| 23 09 23 53-0135 | EA | Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600) | 962.06 | 110.19 |
| 23 09 23 53-0136 | | Network, VAV And Special Sensors *(23 09 23 53-0109)* | | |
| 23 09 23 53-0137 | EA | BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24) | 253.65 | 35.26 |
| 23 09 23 53-0138 | EA | BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24) | 344.49 | 39.67 |
| 23 09 23 53-0139 | EA | Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B) | 679.36 | 16.53 |
| 23 09 23 53-0140 | | Honeywell Controls *(23 09 23 53)* | | |
| 23 09 23 53-0141 | | EMCS Central Equipment And Controllers *(23 09 23 53-0140)* | | |
| 23 09 23 53-0142 | | EMCS Network Area Controllers (BACnet Or Lon) *(23 09 23 53-0141)* | | |
| | | Note: Includes loading software, software license, loading data base and mounting on wall. | | |
| 23 09 23 53-0143 | EA | Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) | 11,004.64 | 537.18 |
| | | Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software. | | |
| 23 09 23 53-0144 | EA | Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) | 7,497.72 | 537.18 |
| | | Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device). | | |
| 23 09 23 53-0145 | EA | Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) | 5,719.90 | 537.18 |
| | | Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0146 | EA | Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ)<br>Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack. | 7,134.62 | 537.18 |
| 23 09 23 53-0147 | EA | Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN)<br>Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations. | 5,671.19 | 537.18 |
| 23 09 23 53-0148 | EA | Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU)<br>Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485. | 5,671.19 | 537.18 |
| 23 09 23 53-0149 | EA | 16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B)<br>Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller. | 6,160.48 | 537.18 |
| 23 09 23 53-0150 | EA | 16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU)<br>Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller. | 6,674.12 | 537.18 |
| 23 09 23 53-0151 | EA | 16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)<br>Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller. | 6,160.48 | 537.18 |
| 23 09 23 53-0152 | EA | 16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU)<br>Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller. | 6,674.12 | 537.18 |
| 23 09 23 53-0153 | EA | 34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B)<br>Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller. | 6,678.55 | 537.18 |
| 23 09 23 53-0154 | EA | 34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.)<br>Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this. | 7,192.19 | 537.18 |
| 23 09 23 53-0155 | EA | 34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)<br>Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller. | 6,678.55 | 537.18 |
| 23 09 23 53-0156 | EA | 34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU)<br>Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this. | 7,192.19 | 537.18 |
| 23 09 23 53-0157 | EA | Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX)<br>Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. | 7,110.27 | 537.18 |
| 23 09 23 53-0158 | EA | Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only)<br>Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity. | 8,826.10 | 537.18 |
| 23 09 23 53-0159 | EA | Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ)<br>Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. | 9,355.24 | 537.18 |
| 23 09 23 53-0160 | EA | Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ)<br>Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity. | 11,071.06 | 537.18 |
| 23 09 23 53-0161 | EA | Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX)<br>Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service. | 9,379.59 | 537.18 |
| 23 09 23 53-0162 | EA | Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ)<br>Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle. | 12,649.62 | 537.18 |
| 23 09 23 53-0163 | | EMCS Network Interfaces *(23 09 23 53-0141)*<br>Note: Includes installation, start-up and tech labor. | | |
| 23 09 23 53-0164 | EA | Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001)<br>Note: For desktop computer. | 1,591.50 | 148.76 |
| 23 09 23 53-0165 | EA | Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009)<br>Note: For laptop computer. | 1,353.50 | 99.17 |
| 23 09 23 53-0166 | EA | FTT-10 To FTT-10 Router (Honeywell Q7751A2010) | 1,726.53 | 186.01 |
| 23 09 23 53-0167 | EA | 4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002) | 2,646.43 | 268.65 |
| 23 09 23 53-0168 | EA | Two Way Lon Repeater (Honeywell Q7740A1008) | 1,364.54 | 268.65 |
| 23 09 23 53-0169 | EA | FTT Termination Module For Network Bus (Honeywell 209541B) | 98.57 | 33.06 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 09 23 53-0170** | | **DDC Application Specific Controller Assemblies** *(23 09 23 53-0141)*<br>Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor. | | |
| 23 09 23 53-0171 | EA | Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies | 2,532.02 | 768.58 |
| 23 09 23 53-0172 | EA | >10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies | 2,118.80 | 455.08 |
| 23 09 23 53-0173 | EA | Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies | 2,705.58 | 768.58 |
| 23 09 23 53-0174 | EA | >10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies | 2,292.36 | 500.27 |
| 23 09 23 53-0175 | EA | Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies | 2,990.81 | 855.41 |
| 23 09 23 53-0176 | EA | >10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies | 2,680.84 | 641.31 |
| 23 09 23 53-0177 | EA | Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies | 3,598.18 | 855.41 |
| 23 09 23 53-0178 | EA | >10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies | 3,164.37 | 654.54 |
| 23 09 23 53-0179 | EA | Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies | 2,240.18 | 855.41 |
| 23 09 23 53-0180 | EA | >10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies | 1,826.96 | 505.78 |
| 23 09 23 53-0181 | EA | Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies | 2,467.51 | 855.41 |
| 23 09 23 53-0182 | EA | >10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies | 2,054.19 | 569.69 |
| 23 09 23 53-0183 | EA | Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies | 2,993.36 | 855.41 |
| 23 09 23 53-0184 | EA | >10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies | 2,571.88 | 504.67 |
| 23 09 23 53-0185 | EA | Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies | 3,220.68 | 855.41 |
| 23 09 23 53-0186 | EA | >10 Field Installed Application Specific Fan Coil Unit Controller Assemblies | 2,799.09 | 568.58 |
| 23 09 23 53-0187 | EA | Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies | 3,784.61 | 855.41 |
| 23 09 23 53-0188 | EA | >10 Factory Installed Application Specific Unit Ventilator Controller Assemblies | 3,408.64 | 546.55 |
| 23 09 23 53-0189 | EA | Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies | 4,239.27 | 855.41 |
| 23 09 23 53-0190 | EA | >10 Field Installed Application Specific Unit Ventilator Controller Assemblies | 3,863.19 | 640.21 |
| **23 09 23 53-0191** | | **DDC Programmable Controller Assemblies** *(23 09 23 53-0141)*<br>Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0198 for additional components. | | |
| 23 09 23 53-0192 | EA | 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies | 2,571.00 | 657.07 |
| 23 09 23 53-0193 | EA | Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies | 2,990.79 | 657.07 |
| 23 09 23 53-0194 | EA | 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies | 4,015.61 | 772.77 |
| 23 09 23 53-0195 | EA | Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies | 4,435.40 | 772.77 |
| 23 09 23 53-0196 | EA | 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies | 7,338.24 | 905.00 |
| 23 09 23 53-0197 | EA | Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies | 7,823.51 | 905.00 |
| **23 09 23 53-0198** | | **EMCS Optional DDC Controller Hardware** *(23 09 23 53-0141)*<br>Note: Used to expand the capacity of DDC programmable controller assemblies. | | |
| 23 09 23 53-0199 | EA | 6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005)<br>Note: For constant volume single zone and heat pump AHUs. | 504.79 | |
| 23 09 23 53-0200 | EA | 6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011)<br>Note: For constant volume single zone and heat pump AHUs. | 583.38 | |
| 23 09 23 53-0201 | EA | 3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001)<br>Note: For constant volume single zone and heat pump AHUs. | 611.06 | |
| 23 09 23 53-0202 | EA | VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010) | 576.74 | |
| 23 09 23 53-0203 | EA | VAV Controller With Internally Wired Subbase (Honeywell W7751D2016) | 585.60 | |
| 23 09 23 53-0204 | EA | VAV Controller With Externally Wired Subbase (Honeywell W7751F2011) | 572.31 | |
| 23 09 23 53-0205 | EA | VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025) | 492.61 | |
| 23 09 23 53-0206 | EA | VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004) | 428.40 | |
| 23 09 23 53-0207 | EA | Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002) | 627.66 | |
| 23 09 23 53-0208 | EA | Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000) | 561.24 | |
| 23 09 23 53-0209 | EA | Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002) | 619.91 | |
| 23 09 23 53-0210 | EA | Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011) | 1,316.21 | |
| 23 09 23 53-0211 | EA | Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017) | 1,637.23 | |
| 23 09 23 53-0212 | EA | Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002) | 818.06 | |
| 23 09 23 53-0213 | EA | Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010) | 805.89 | |
| 23 09 23 53-0214 | EA | Hydronic Controller Without Wall Module (Honeywell W7762B1027) | 395.19 | |
| 23 09 23 53-0215 | EA | Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016) | 449.44 | |
| 23 09 23 53-0216 | EA | IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001) | 830.24 | |
| 23 09 23 53-0217 | EA | IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001) | 887.80 | |
| 23 09 23 53-0218 | EA | AI Module (Honeywell XFL521B) | 555.71 | |
| 23 09 23 53-0219 | EA | AO Module (Honeywell XFL522B) | 555.71 | |
| 23 09 23 53-0220 | EA | DI Module (Honeywell XFL523B) | 555.71 | |
| 23 09 23 53-0221 | EA | DO Module (Honeywell XFL524B) | 555.71 | |
| 23 09 23 53-0222 | EA | Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511) | 98.52 | |
| 23 09 23 53-0223 | EA | Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513) | 185.97 | |
| 23 09 23 53-0224 | EA | Distributed IO, Terminal Block For DO Modules (Honeywell XSL514) | 182.65 | |
| 23 09 23 53-0225 | EA | Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI) | 559.03 | |
| 23 09 23 53-0226 | EA | Lon Hub (Honeywell XIO-HUB) | 83.02 | |
| 23 09 23 53-0227 | EA | Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO) | 559.03 | |
| 23 09 23 53-0228 | EA | Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI) | 514.75 | |
| 23 09 23 53-0229 | EA | Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO) | 514.75 | |
| 23 09 23 53-0230 | EA | Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC) | 542.42 | |
| 23 09 23 53-0231 | EA | Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000) | 542.42 | |
| 23 09 23 53-0232 | EA | Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI) | 780.42 | |
| 23 09 23 53-0233 | EA | 16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16)<br>Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs. | 921.01 | |
| 23 09 23 53-0234 | EA | 34 Point IO Module For Network Area Controllers (Honeywell W7750A2005)<br>Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs. | 1,957.15 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0235 | | EMCS Software *(23 09 23 53-0140)* | | |
| 23 09 23 53-0236 | | Software Packages And License *(23 09 23 53-0235)*<br>Note: Includes installation on equipment. | | |
| 23 09 23 53-0237 | EA | On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB)<br>Note: Requires UI services to be installed on NAC. | 624.34 | |
| 23 09 23 53-0238 | EA | Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX)<br>Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity. | 2,371.92 | |
| 23 09 23 53-0239 | EA | WEBStation-AX Software For Windows (Honeywell WEB-S-AX)<br>Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX). | 6,974.01 | |
| 23 09 23 53-0240 | EA | Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS)<br>Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database. | 4,151.19 | |
| 23 09 23 53-0241 | EA | Upgrade Small Building To Large Building Software<br>Note: Upgrade WEB-S-AX-SBS to WEB-S-AX. | 4,696.59 | |
| 23 09 23 53-0242 | EA | Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W)<br>Note: One copy is included with WEB-S-AX and WEBStation-AX. | 3,284.80 | |
| 23 09 23 53-0243 | EA | WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX)<br>Note: Includes license for 10 points of $E^2$ Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional $E^2$ Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project. | 5,880.68 | |
| 23 09 23 53-0244 | EA | Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two $E^2$ Profiler Points (Honeywell WES-CP-AX)<br>Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters. | 738.73 | |
| 23 09 23 53-0245 | EA | Perpetual License For One Point Of $E^2$ Profiler (Honeywell WES-E2-AX)<br>Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters. | 478.59 | |
| 23 09 23 53-0246 | EA | Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters<br>Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX. | 32,009.95 | |
| 23 09 23 53-0247 | EA | Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX)<br>Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually. | 29,194.83 | |
| 23 09 23 53-0248 | EA | Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX) | 11,120.77 | |
| 23 09 23 53-0249 | EA | Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS) | 8,297.96 | |
| 23 09 23 53-0250 | EA | Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500) | 2,398.84 | |
| 23 09 23 53-0251 | EA | Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500) | 2,398.84 | |
| 23 09 23 53-0252 | EA | Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL)<br>Note: Excludes Oracle. | 16,604.78 | |
| 23 09 23 53-0253 | EA | Open System Driver Option (Honeywell WS-SNMP-500)<br>Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option. | 2,213.97 | |
| 23 09 23 53-0254 | EA | Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500) | 2,398.84 | |
| 23 09 23 53-0255 | EA | WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003)<br>Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes. | 6,273.28 | |
| 23 09 23 53-0256 | EA | WEBStation Additional Node (Honeywell ZW2000B1002) | 2,398.84 | |
| 23 09 23 53-0257 | EA | WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001) | 40,221.19 | |
| 23 09 23 53-0258 | EA | WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000) | 73,799.37 | |
| 23 09 23 53-0259 | EA | WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009) | 129,148.62 | |
| 23 09 23 53-0260 | EA | Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008) | 6,641.91 | |
| 23 09 23 53-0261 | EA | Additional Master WEBStation Software Licenses (Honeywell ZW200G1007) | 3,320.96 | |
| 23 09 23 53-0262 | EA | Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001) | 2,602.90 | |
| 23 09 23 53-0263 | EA | Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055)<br>Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity. | 2,870.06 | |
| 23 09 23 53-0264 | | Initial Database Generation *(23 09 23 53-0235)* | | |
| 23 09 23 53-0265 | PNT | Database Generation For Central Plant | 73.94 | |
| 23 09 23 53-0266 | PNT | Database Generation For Programmable Controller<br>Note: For VAV AHU, large CV AHU, or heat exchanger, etc. | 73.94 | |
| 23 09 23 53-0267 | EA | Database Generation For Application Specific Controller<br>Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment. | 73.94 | |
| 23 09 23 53-0268 | EA | Replication Of Database Generation For Application Specific Controller<br>Note: Price per copy made. | 51.46 | |
| 23 09 23 53-0269 | EA | Database Generation For Remote IO Modules, Sensors, Etcetera | 51.46 | |
| 23 09 23 53-0270 | | Application Software Programs *(23 09 23 53-0235)* | | |
| 23 09 23 53-0271 | EA | Basic Application Program Package<br>Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic. | 3,085.34 | |
| 23 09 23 53-0272 | EA | Optimum Start/Stop Program.<br>Note: Priced per controller requiring optimum start programming. | 103.14 | |
| 23 09 23 53-0273 | EA | Duty Cycling Program | 48.71 | |
| 23 09 23 53-0274 | EA | Hot Deck/Cold Deck Reset Application Program | 5,300.50 | |
| 23 09 23 53-0275 | EA | Boiler Optimization Program | 6,945.97 | |
| 23 09 23 53-0276 | EA | Chiller Optimization Program | 9,409.02 | |
| 23 09 23 53-0277 | EA | Lighting Control Program | 4,540.43 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0278 | EA | Demand Limiting Program<br>Note: Priced per controller requiring optimum start programming. | 90.46 | |
| 23 09 23 53-0279 | EA | Email Alarm Server Configuration | 3,502.75 | |
| **23 09 23 53-0280** | | **Color Graphics Generation** *(23 09 23 53-0235)*<br>Note: Priced per page. | | |
| 23 09 23 53-0281 | EA | Single Site Home Page Graphics Page With HTML Navigation Code | 1,848.79 | |
| 23 09 23 53-0282 | EA | Multi Site Home Page Graphics Page With HTML Navigation Code | 3,282.46 | |
| 23 09 23 53-0283 | EA | Color Graphics Page For Central Plant | 839.99 | |
| 23 09 23 53-0284 | EA | Color Graphics Page For Building Floor Plan | 775.63 | |
| 23 09 23 53-0285 | EA | Replication Of Color Graphics Page For Central Plant | 421.37 | |
| 23 09 23 53-0286 | EA | Color Graphics Page For Programmable Controller<br>Note: For VAV AHU, large CV AHU, or heat exchanger, etc. | 945.00 | |
| 23 09 23 53-0287 | EA | Replication Of Color Graphics Page For Programmable Controller<br>Note: Priced per copy made. | 202.09 | |
| 23 09 23 53-0288 | EA | Color Graphics Page For Application Specific Controller<br>Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment. | 874.04 | |
| 23 09 23 53-0289 | EA | Replication Of Color Graphics Page For Application Specific Cont<br>Note: Priced per copy made. | 87.38 | |
| **23 09 23 53-0290** | | **Sensors, Actuators And Control Devices** *(23 09 23 53-0140)*<br>Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts. | | |
| **23 09 23 53-0291** | | **Special Sensors** *(23 09 23 53-0290)* | | |
| 23 09 23 53-0292 | EA | Dewpoint Sensor (Honeywell C7232B1014) | 1,961.26 | 68.21 |
| 23 09 23 53-0293 | EA | Enthalpy Sensor -25 To 125 F | 2,046.79 | 68.21 |
| 23 09 23 53-0294 | EA | Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002) | 917.14 | 136.42 |
| 23 09 23 53-0295 | EA | Freezestat (Honeywell L482A1004) | 629.33 | 227.32 |
| 23 09 23 53-0296 | EA | Wall Mounted Occupancy Sensor | 454.47 | 68.21 |
| 23 09 23 53-0297 | EA | Ceiling Mounted Occupancy Sensor | 360.17 | 68.21 |
| 23 09 23 53-0298 | EA | I/P Positioner With Gauge | 424.37 | 68.21 |
| 23 09 23 53-0299 | EA | Non Communicating Duct Mounted Smoke Detector With Sampling Tube | 507.94 | 68.21 |
| 23 09 23 53-0300 | EA | EP Transducer | 424.37 | 45.51 |
| 23 09 23 53-0301 | EA | Electric Heat Sequencer | 672.45 | 90.90 |
| **23 09 23 53-0302** | | **Meters** *(23 09 23 53-0290)* | | |
| 23 09 23 53-0303 | EA | 208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer | 4,329.17 | 545.45 |
| 23 09 23 53-0304 | EA | 208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface | 6,276.75 | 636.35 |
| 23 09 23 53-0305 | EA | 1 To 300 Amperes, Current Transformer For KW Meter | 1,502.08 | 227.32 |
| 23 09 23 53-0306 | EA | 300 To 800 Amperes, Current Transformer For KW Meter | 1,722.47 | 227.32 |
| 23 09 23 53-0307 | EA | 800 To 2,400 Amperes, Current Transformer For KW Meter | 2,145.14 | 227.32 |
| **23 09 23 53-0308** | | **Direct Coupled Actuators** *(23 09 23 53-0290)* | | |
| 23 09 23 53-0309 | EA | 44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002) | 592.02 | 91.72 |
| 23 09 23 53-0310 | EA | 88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200) | 654.11 | 91.72 |
| 23 09 23 53-0311 | EA | 175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209) | 760.86 | 91.72 |
| 23 09 23 53-0312 | EA | 44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008) | 555.68 | 91.72 |
| 23 09 23 53-0313 | EA | 88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206) | 622.46 | 91.72 |
| 23 09 23 53-0314 | EA | 175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205) | 688.58 | 91.72 |
| 23 09 23 53-0315 | EA | 44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator | 626.11 | 91.72 |
| 23 09 23 53-0316 | EA | 88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206) | 721.32 | 91.72 |
| 23 09 23 53-0317 | EA | 175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205) | 824.10 | 91.72 |
| 23 09 23 53-0318 | EA | 44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209) | 506.15 | 91.72 |
| 23 09 23 53-0319 | EA | 88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209) | 556.85 | 91.72 |
| 23 09 23 53-0320 | EA | 175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200) | 658.70 | 91.72 |
| 23 09 23 53-0321 | EA | 175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007) | 706.64 | 91.72 |
| 23 09 23 53-0322 | EA | 300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030) | 706.05 | 91.72 |
| 23 09 23 53-0323 | EA | 300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008) | 837.52 | 91.72 |
| 23 09 23 53-0324 | EA | Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018) | 526.92 | 91.72 |
| 23 09 23 53-0325 | EA | Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368) | 927.20 | 91.72 |
| 23 09 23 53-0326 | EA | Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator | 395.31 | 91.72 |
| 23 09 23 53-0327 | EA | Direct Coupled Damper Actuator Enclosure For Outdoor Use | 604.48 | 91.72 |
| **23 09 23 53-0328** | | **Thermostats** *(23 09 23 53-0140)* | | |
| **23 09 23 53-0329** | | **Electric And Electronic Thermostats** *(23 09 23 53-0328)*<br>Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0330 | EA | Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018) | 199.26 | 16.53 |
| 23 09 23 53-0331 | EA | Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320) | 214.99 | 16.53 |
| 23 09 23 53-0332 | EA | Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110) | 197.51 | 16.53 |
| 23 09 23 53-0333 | EA | Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220) | 221.46 | 16.53 |
| 23 09 23 53-0334 | EA | Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320) | 239.47 | 16.53 |
| 23 09 23 53-0335 | EA | Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321) | 354.85 | 16.53 |
| 23 09 23 53-0336 | EA | Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F) | 519.18 | 16.53 |
| 23 09 23 53-0337 | EA | Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H) | 844.12 | 16.53 |
| 23 09 23 53-0338 | EA | Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M) | 900.58 | 16.53 |
| 23 09 23 53-0339 | | Pneumatic Thermostats *(23 09 23 53-0328)* | | |
| | | Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point. | | |
| 23 09 23 53-0340 | EA | Pneumatic Thermostat (Honeywell TP970B2182) | 278.66 | 16.53 |
| 23 09 23 53-0341 | | Thermostats Guards *(23 09 23 53-0328)* | | |
| 23 09 23 53-0342 | EA | 9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009) | 67.06 | 16.53 |
| 23 09 23 53-0343 | EA | 7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511) | 80.17 | 16.53 |
| 23 09 23 53-0344 | EA | 5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510) | 75.45 | 16.53 |
| 23 09 23 53-0345 | | Johnson Controls *(23 09 23 53)* | | |
| 23 09 23 53-0346 | | Software *(23 09 23 53-0345)* | | |
| | | Note: Excludes programming, set-up and commissioning of application. | | |
| 23 09 23 53-0347 | EA | 5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0) | 17,778.29 | |
| 23 09 23 53-0348 | EA | 10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0) | 21,026.88 | |
| 23 09 23 53-0349 | EA | N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0) | 1,030.42 | |
| 23 09 23 53-0350 | EA | N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2) | 1,565.80 | |
| 23 09 23 53-0351 | EA | BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0) | 2,780.29 | |
| 23 09 23 53-0352 | EA | BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0) | 1,039.49 | |
| 23 09 23 53-0353 | EA | New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0 ) | 1,034.07 | |
| 23 09 23 53-0354 | EA | Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6 ) | 371.21 | |
| 23 09 23 53-0355 | | Supervisory Controllers *(23 09 23 53-0345)* | | |
| 23 09 23 53-0356 | EA | NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2) | 7,716.88 | 440.76 |
| 23 09 23 53-0357 | EA | NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2) | 12,001.20 | 440.76 |
| 23 09 23 53-0358 | EA | NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1) | 16,295.02 | 440.76 |
| 23 09 23 53-0359 | EA | NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0) | 6,066.58 | 440.76 |
| 23 09 23 53-0360 | | Controllers *(23 09 23 53-0345)* | | |
| 23 09 23 53-0361 | EA | 10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0) | 896.04 | 110.19 |
| 23 09 23 53-0362 | EA | 10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0) | 1,181.71 | 220.38 |
| 23 09 23 53-0363 | EA | 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0) | 1,537.14 | 220.38 |
| 23 09 23 53-0364 | EA | 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0) | 1,822.81 | 220.38 |
| 23 09 23 53-0365 | EA | BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0) | 732.15 | 110.19 |
| 23 09 23 53-0366 | EA | BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0) | 804.99 | 110.19 |
| 23 09 23 53-0367 | EA | BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0) | 914.26 | 110.19 |
| 23 09 23 53-0368 | EA | 17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0) | 928.82 | 110.19 |
| 23 09 23 53-0369 | EA | BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2) | 1,897.14 | 220.38 |
| 23 09 23 53-0370 | EA | 32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0) | 910.37 | 110.19 |
| 23 09 23 53-0371 | EA | 32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0) | 1,326.76 | 110.19 |
| | | Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications | | |
| 23 09 23 53-0372 | | Master FX Controllers *(23 09 23 53-0345)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0373 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C) | 2,399.75 | 220.38 |
| 23 09 23 53-0374 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C) | 2,572.54 | 220.38 |
| 23 09 23 53-0375 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C) | 2,658.41 | 220.38 |
| 23 09 23 53-0376 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C) | 2,606.22 | 220.38 |
| 23 09 23 53-0377 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C) | 2,524.67 | 220.38 |
| 23 09 23 53-0378 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C) | 2,537.75 | 220.38 |
| 23 09 23 53-0379 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C) | 2,524.67 | 220.38 |
| 23 09 23 53-0380 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C) | 2,572.73 | 220.38 |
| 23 09 23 53-0381 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C) | 2,721.96 | 220.38 |
| 23 09 23 53-0382 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C) | 2,821.44 | 220.38 |
| 23 09 23 53-0383 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C) | 2,771.69 | 220.38 |
| 23 09 23 53-0384 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C) | 2,669.87 | 220.38 |
| 23 09 23 53-0385 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C) | 2,572.73 | 220.38 |
| 23 09 23 53-0386 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C) | 2,721.96 | 220.38 |
| 23 09 23 53-0387 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C) | 2,821.44 | 220.38 |
| 23 09 23 53-0388 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C) | 2,771.69 | 220.38 |
| 23 09 23 53-0389 | EA | 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C) | 2,669.87 | 220.38 |
| 23 09 23 53-0390 | EA | N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C) | 286.44 | 55.09 |
| 23 09 23 53-0391 | EA | LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C) | 408.86 | 55.09 |
| 23 09 23 53-0392 | EA | RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C) | 320.81 | 55.09 |
| 23 09 23 53-0393 | EA | BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C) | 286.44 | 55.09 |
| 23 09 23 53-0394 | EA | Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C) | 793.22 | 55.09 |
| 23 09 23 53-0395 | EA | Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C) | 730.25 | 55.09 |
| 23 09 23 53-0396 | EA | 5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C) | 744.99 | 55.09 |
| 23 09 23 53-0397 | EA | 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C) | 744.99 | 55.09 |
| 23 09 23 53-0398 | EA | 5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C) | 818.65 | 55.09 |
| 23 09 23 53-0399 | EA | 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C) | 818.65 | 55.09 |
| 23 09 23 53-0400 | EA | 6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C) | 1,030.39 | 55.09 |
| 23 09 23 53-0401 | EA | 6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C) | 1,030.39 | 55.09 |
| 23 09 23 53-0402 | EA | 6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C) | 1,150.07 | 55.09 |
| 23 09 23 53-0403 | EA | 6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C) | 1,150.07 | 55.09 |
| **23 09 23 53-0404** | | **VAV, Network And Special Sensors** *(23 09 23 53-0345)* | | |
| 23 09 23 53-0405 | EA | 3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0) | 542.12 | 35.26 |
| 23 09 23 53-0406 | EA | 3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0) | 180.90 | 35.26 |
| 23 09 23 53-0407 | EA | 3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0) | 419.40 | 35.26 |
| 23 09 23 53-0408 | EA | 3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0) | 627.70 | 35.26 |
| 23 09 23 53-0409 | EA | 3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0) | 207.94 | 35.26 |
| 23 09 23 53-0410 | EA | 3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0) | 568.97 | 35.26 |
| **23 09 23 53-0411** | | **Sensors - Hard Wired Type** *(23 09 23 53-0345)* | | |
| 23 09 23 53-0412 | EA | Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00) | 174.98 | 63.47 |
| 23 09 23 53-0413 | EA | Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0) | 149.97 | 35.26 |
| 23 09 23 53-0414 | EA | BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2)<br>Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment. | 421.80 | 16.53 |
| 23 09 23 53-0415 | EA | BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2)<br>Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability. | 571.30 | 16.53 |
| 23 09 23 53-0416 | EA | BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2)<br>Note: For VVT systems. | 422.62 | 16.53 |
| 23 09 23 53-0417 | EA | BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2) | 555.63 | 35.26 |
| 23 09 23 53-0418 | EA | BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR) | 685.01 | 35.26 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0419 | | Melink Intelli-Hood IH3 Controls *(23 09 23 53)* | | |
| 23 09 23 53-0420 | | Kitchen Ventilation Controllers *(23 09 23 53-0419)* | | |
| 23 09 23 53-0421 | EA | Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001)<br>Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points. Includes 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up. | 8,968.88 | 440.76 |
| 23 09 23 53-0422 | EA | Graphical User Interface (Melink Intelli-Hood 2KPD-3001)<br>Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller. | 1,701.69 | 90.90 |
| 23 09 23 53-0423 | EA | Hood Controller (Melink Intelli-Hood 2SEN-3001)<br>Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system. | 2,773.36 | 366.93 |
| 23 09 23 53-0424 | | Kitchen Ventilation Sensors *(23 09 23 53-0419)* | | |
| 23 09 23 53-0425 | EA | Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q)<br>Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector. | 501.70 | 63.47 |
| 23 09 23 53-0426 | EA | Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28)<br>Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly. | 4,311.31 | 352.61 |
| 23 09 23 53-0427 | | Siemens Controls *(23 09 23 53)* | | |
| 23 09 23 53-0428 | EA | Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083) | 407.08 | 16.53 |
| 23 09 23 53-0429 | EA | Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085) | 287.16 | 16.53 |
| 23 09 23 53-0430 | EA | SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575) | 295.81 | 74.44 |
| 23 09 23 53-0431 | EA | -0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591) | 448.89 | 74.44 |
| 23 09 23 53-0432 | EA | Spring Clip Mounting Kit For Thermostat (Siemens 182-685) | 68.92 | 11.02 |
| 23 09 23 53-0433 | EA | Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001) | 230.56 | 110.19 |
| 23 09 23 53-0434 | EA | 3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012) | 378.52 | 20.21 |
| 23 09 23 53-0435 | EA | 1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079) | 667.78 | 36.68 |
| 23 09 23 53-0436 | EA | 1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203) | 1,340.21 | 36.68 |
| 23 09 23 53-0437 | EA | 1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006) | 1,135.27 | 46.47 |
| 23 09 23 53-0438 | EA | 36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36) | 296.30 | 63.47 |
| 23 09 23 53-0439 | EA | -58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768) | 249.17 | 35.26 |
| 23 09 23 53-0440 | EA | Unit Conditioner Controller With Secure Mode (Siemens 540-110C) | 1,294.74 | 176.31 |
| 23 09 23 53-0441 | EA | 9-Pin, Female To RJ-11 Cable (Siemens 540-143) | 99.06 | 5.51 |
| 23 09 23 53-0442 | EA | Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800) | 1,495.29 | 176.31 |
| 23 09 23 53-0443 | EA | MMI Extension Cable (Siemens 545-712) | 191.59 | 5.51 |
| 23 09 23 53-0444 | EA | Remote Pressure Transmitter (Siemens 547-003) | 1,308.11 | 35.26 |
| 23 09 23 53-0445 | EA | Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400) | 858.21 | 88.15 |
| 23 09 23 53-0446 | EA | BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433) | 696.91 | 88.15 |
| 23 09 23 53-0447 | EA | Door Lock And Key Assembly (Siemens 567-225) | 38.48 | 22.03 |
| 23 09 23 53-0448 | EA | Insight Advanced Software Package (Siemens 571-010-381-USB)<br>Note: Includes one user license and one sentinel key. | 13,256.21 | |
| 23 09 23 53-0449 | EA | BACnet Client Option For Insight Advanced Software Package (Siemens 571-188) | 472.68 | |
| 23 09 23 53-0450 | EA | Soft Controller Option For Insight Advanced Software Package (Siemens 571-620) | 2,924.02 | |
| 23 09 23 53-0451 | EA | 1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059) | 444.67 | 12.20 |
| 23 09 23 53-0452 | EA | 2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062) | 934.82 | 21.14 |
| 23 09 23 53-0453 | EA | Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C) | 12,119.47 | 440.76 |
| 23 09 23 53-0454 | EA | SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F) | 13,670.27 | 440.76 |
| 23 09 23 53-0455 | EA | 7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U) | 159.82 | 16.53 |
| 23 09 23 53-0456 | EA | Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U) | 594.53 | 91.72 |
| 23 09 23 53-0457 | EA | Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U) | 621.45 | 91.72 |
| 23 09 23 53-0458 | EA | License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A) | 3,853.55 | |
| 23 09 23 53-0459 | EA | License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN) | 778.13 | |
| 23 09 23 53-0460 | EA | License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A) | 2,504.35 | |
| 23 09 23 53-0461 | EA | License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB) | 1,792.77 | |
| 23 09 23 53-0462 | EA | License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A) | 1,541.15 | |
| 23 09 23 53-0463 | EA | License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP) | 4,556.34 | |
| 23 09 23 53-0464 | EA | 16-Switch HOA Upgrade Kit (Siemens PXA16-M) | 725.01 | 2.20 |
| 23 09 23 53-0465 | EA | 16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR) | 809.08 | 8.82 |
| 23 09 23 53-0466 | EA | 8-Switch HOA Upgrade Kit (Siemens PXA8-M) | 410.17 | 2.20 |
| 23 09 23 53-0467 | EA | 18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18) | 446.20 | 22.03 |
| 23 09 23 53-0468 | EA | 19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19) | 748.38 | 22.03 |
| 23 09 23 53-0469 | EA | 34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34) | 1,013.75 | 22.03 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0470 | EA | Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5) | 36.59 | 11.02 |
| 23 09 23 53-0471 | EA | 115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA) | 935.51 | 55.09 |
| 23 09 23 53-0472 | EA | 115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA) | 1,367.94 | 55.09 |
| 23 09 23 53-0473 | EA | 230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA) | 1,094.83 | 55.09 |
| 23 09 23 53-0474 | EA | 230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA) | 1,550.03 | 55.09 |
| 23 09 23 53-0475 | EA | PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A) | 6,865.71 | 617.07 |
| 23 09 23 53-0476 | EA | PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A) | 5,803.41 | 176.31 |
| 23 09 23 53-0477 | EA | Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A) | 9,148.83 | 705.22 |
| 23 09 23 53-0478 | EA | 16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A) | 3,119.85 | 330.57 |
| 23 09 23 53-0479 | EA | 16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A) | 3,428.55 | 330.57 |
| 23 09 23 53-0480 | EA | 16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A) | 3,224.01 | 330.57 |
| 23 09 23 53-0481 | EA | 24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A) | 3,952.62 | 352.61 |
| 23 09 23 53-0482 | EA | 24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A) | 4,165.77 | 352.61 |
| 23 09 23 53-0483 | EA | 24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A) | 4,112.90 | 352.61 |
| 23 09 23 53-0484 | EA | 24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A) | 4,303.88 | 352.61 |
| 23 09 23 53-0485 | EA | 24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A) | 4,108.08 | 352.61 |
| 23 09 23 53-0486 | EA | 24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A) | 4,302.57 | 352.61 |
| 23 09 23 53-0487 | EA | 36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A) | 6,390.51 | 617.07 |
| 23 09 23 53-0488 | EA | 36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A) | 10,230.85 | 705.22 |
| 23 09 23 53-0489 | EA | License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A) | 1,156.09 | |
| 23 09 23 53-0490 | EA | Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S) | 626.10 | 44.08 |
| 23 09 23 53-0491 | EA | Controller Mounted Operator Display Module (Siemens PXM10T) | 721.64 | 88.15 |
| 23 09 23 53-0492 | EA | Provides FLN Support For The PXC Modular (Siemens PXX-485.3)<br>Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported | 765.28 | 22.03 |
| 23 09 23 53-0493 | EA | Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN) | 363.25 | 63.47 |
| 23 09 23 53-0494 | EA | Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC) | 253.76 | 35.26 |
| 23 09 23 53-0495 | EA | 4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010) | 159.57 | 35.26 |
| 23 09 23 53-0496 | EA | 8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020) | 198.16 | 63.47 |
| 23 09 23 53-0497 | EA | 24' Flexible Averaging Probe (Siemens QAM2012.750) | 326.72 | 63.47 |
| 23 09 23 53-0498 | EA | 2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200) | 254.11 | 63.47 |
| 23 09 23 53-0499 | EA | 10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X) | 3,111.65 | 355.03 |
| 23 09 23 53-0500 | EA | Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12) | 33.33 | 11.02 |
| 23 09 23 53-0501 | EA | Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100) | 0.76 | |
| 23 09 23 53-0502 | EA | 16 Digital Input Module (Siemens TXM1.16D) | 600.87 | 11.02 |
| 23 09 23 53-0503 | EA | 6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M) | 895.40 | 11.02 |
| 23 09 23 53-0504 | EA | 8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML) | 1,421.01 | 22.03 |
| 23 09 23 53-0505 | EA | 1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4) | 500.25 | 35.26 |

## 23 09 23 53-0506 Trane Controls *(23 09 23 53)*

## 23 09 23 53-0507 Software *(23 09 23 53-0506)*

Note: Excludes programming, set-up and commissioning of application.

| | | | | |
|---|---|---|---|---|
| 23 09 23 53-0508 | EA | Summit + Building Management Package (Trane 40201152) | 6,592.79 | |
| 23 09 23 53-0509 | EA | Summit Current Version Software (Trane 40201111) | 3,723.35 | |
| 23 09 23 53-0510 | EA | Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113) | 898.52 | |
| 23 09 23 53-0511 | EA | Rover Service Software And Hardware, Complete Kit (Trane X1365150001) | 3,702.45 | |
| 23 09 23 53-0512 | EA | Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000) | 10,220.88 | |

## 23 09 23 53-0513 EMCS Central Equipment And Controllers *(23 09 23 53-0506)*

| | | | | |
|---|---|---|---|---|
| 23 09 23 53-0514 | EA | Summit BTMX Operator Display Upgrade (Trane 40201224) | 5,735.78 | 440.76 |
| 23 09 23 53-0515 | EA | Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531) | 13,028.01 | 440.76 |
| 23 09 23 53-0516 | EA | Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532) | 13,028.01 | 440.76 |
| 23 09 23 53-0517 | EA | Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00) | 11,444.61 | 440.76 |
| 23 09 23 53-0518 | EA | Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10) | 13,285.61 | 440.76 |
| 23 09 23 53-0519 | EA | Summit CCP Upgrade ROM Kit (Trane 40201095) | 201.85 | 27.55 |
| 23 09 23 53-0520 | EA | Summit Comm5 Repeater (Trane 49500457) | 1,557.24 | 220.38 |
| 23 09 23 53-0521 | EA | AHU Controller MP580/581 E Board Only (Trane 40201157) | 2,645.53 | 275.47 |
| 23 09 23 53-0522 | EA | AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01) | 3,394.40 | 330.57 |
| 23 09 23 53-0523 | EA | AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00) | 2,662.73 | 330.57 |
| 23 09 23 53-0524 | EA | AHU Controller MP581 Operator Door Display (Trane 40201156) | 2,249.93 | 330.57 |
| 23 09 23 53-0525 | EA | AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491) | 2,246.72 | 330.57 |
| 23 09 23 53-0526 | EA | Controller MP503 I/O Module With Metal Enclosure (Trane 49500590) | 1,013.94 | 110.19 |
| 23 09 23 53-0527 | EA | Controller MP503 I/O Module With Plastic Cover (Trane 49500490) | 922.99 | 110.19 |
| 23 09 23 53-0528 | EA | Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500) | 1,664.17 | 220.38 |
| 23 09 23 53-0529 | EA | Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499) | 1,588.75 | 220.38 |
| 23 09 23 53-0530 | EA | 2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569) | 889.68 | 110.19 |
| 23 09 23 53-0531 | EA | 2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469) | 780.16 | 110.19 |
| 23 09 23 53-0532 | EA | 4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596) | 1,159.16 | 110.19 |
| 23 09 23 53-0533 | EA | 4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496) | 1,050.24 | 110.19 |
| 23 09 23 53-0534 | EA | Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049) | 899.43 | 110.19 |
| 23 09 23 53-0535 | EA | Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496) | 857.18 | 110.19 |
| 23 09 23 53-0536 | EA | Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570) | 986.03 | 110.19 |
| 23 09 23 53-0537 | EA | Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470) | 899.43 | 110.19 |
| 23 09 23 53-0538 | EA | DDC VAV Retrofit Kit (Trane VRTODD01) | 1,252.06 | 220.38 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0539 | EA | DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO) | 1,359.77 | 220.38 |
| **23 09 23 53-0540** | | **Network, VAV And Special Sensors** *(23 09 23 53-0506)* | | |
| 23 09 23 53-0541 | EA | Digital Display Zone Sensor (Trane X13790464010) | 212.30 | 35.26 |
| 23 09 23 53-0542 | EA | Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010) | 141.72 | 35.26 |
| 23 09 23 53-0543 | EA | Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010) | 129.82 | 35.26 |
| 23 09 23 53-0544 | EA | Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01) | 261.59 | 39.67 |
| 23 09 23 53-0545 | EA | Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121) | 157.96 | 35.26 |
| 23 09 23 53-0546 | EA | Zone Sensor LCD O/C Setpoint (Trane 41901120) | 157.96 | 35.26 |
| 23 09 23 53-0547 | EA | Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010) | 550.68 | 63.47 |
| 23 09 23 53-0548 | EA | Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010) | 503.97 | 35.26 |
| 23 09 23 53-0549 | EA | Transformer 120/24 40 VA (Trane X13550284010) | 123.86 | 35.26 |
| 23 09 23 53-0550 | EA | Transformer 24 Volt AC Wall Plug-In (Trane 35803005) | 119.61 | 35.26 |
| 23 09 23 53-0551 | EA | Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022) | 112.81 | 35.26 |
| 23 09 23 53-0552 | EA | Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010) | 1,403.52 | 220.38 |
| 23 09 23 53-0553 | EA | Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010) | 1,345.41 | 220.38 |
| 23 09 23 53-0554 | EA | Controller UC400 XM32 Module (4 Relay) (Trane X13651563010) | 1,224.31 | 220.38 |
| 23 09 23 53-0555 | EA | Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010) | 2,182.44 | 330.57 |
| 23 09 23 53-0556 | EA | Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010) | 1,224.31 | 220.38 |
| 23 09 23 53-0557 | EA | Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011) | 1,285.66 | 220.38 |
| 23 09 23 53-0558 | EA | Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011) | 1,290.64 | 220.38 |
| 23 09 23 53-0559 | EA | Controller Optional Metal Enclosure, UC210 (Trane 501898) | 468.43 | 219.45 |
| 23 09 23 53-0560 | EA | Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801) | 673.25 | 219.45 |
| 23 09 23 53-0561 | EA | Controller Tracer UC600 Controller (Trane BMUC600AAA0100011) | 2,440.09 | 330.57 |
| 23 09 23 53-0562 | EA | Controller UC600 Tracer TD7 Display (Trane X13651571010) | 2,346.55 | 330.57 |
| 23 09 23 53-0563 | EA | Controller UC600 TD7 Mounting Bracket (Trane X05010511010) | 145.12 | 43.92 |
| 23 09 23 53-0564 | EA | Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010) | 521.53 | 43.92 |
| 23 09 23 53-0565 | EA | SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010) | 2,497.92 | 330.57 |
| 23 09 23 53-0566 | EA | BACnet Term (2 Pack) (Trane X1365152401) | 230.71 | 79.00 |
| 23 09 23 53-0567 | EA | Tracer ES Add License (Trane X40250125010) | 2,999.47 | |
| 23 09 23 53-0568 | EA | Kit - Tracer TU For Controls (Trane X4509151201) | 4,572.62 | 440.76 |
| 23 09 23 53-0569 | EA | Kit - Tracer TU Complete (Trane X4509151301) | 5,997.80 | 440.76 |
| 23 09 23 53-0570 | EA | Tracer TU Adapter Wired/Wireless (Trane X13651529010) | 591.26 | 79.00 |
| 23 09 23 53-0571 | EA | Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010) | 340.41 | 79.00 |
| 23 09 23 53-0572 | EA | Sensor Wireless Display Sensor ( Trane X13790822010) | 384.62 | 79.00 |
| 23 09 23 53-0573 | EA | Sensor Wireless Receiver, 100mW (Trane X13790854010) | 344.66 | 79.00 |
| 23 09 23 53-0574 | EA | Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010) | 466.84 | 79.00 |
| 23 09 23 53-0575 | EA | Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010) | 508.48 | 79.00 |
| **23 09 23 53-0576** | | **Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators** *(23 09 23 53)* | | |
| **23 09 23 53-0577** | | **Current Switches And Current Sensors** *(23 09 23 53-0576)* | | |
| 23 09 23 53-0578 | EA | Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203) | 132.37 | 35.26 |
| 23 09 23 53-0579 | EA | Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205) | 137.47 | 35.26 |
| 23 09 23 53-0580 | EA | 0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L) | 212.30 | 35.26 |
| 23 09 23 53-0581 | EA | 0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24) | 125.57 | 35.26 |
| 23 09 23 53-0582 | EA | 0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA) | 385.77 | 35.26 |
| 23 09 23 53-0583 | EA | 0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC) | 246.02 | 35.26 |
| 23 09 23 53-0584 | EA | 1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709) | 187.79 | 35.26 |
| 23 09 23 53-0585 | EA | 0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721) | 187.79 | 35.26 |
| 23 09 23 53-0586 | EA | Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC) | 5,032.93 | 176.31 |
| 23 09 23 53-0587 | EA | 100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2)<br>Note: 3 phase networked transducer. | 1,279.83 | 35.26 |
| 23 09 23 53-0588 | EA | 2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3) | 1,945.31 | 35.26 |
| 23 09 23 53-0589 | EA | Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV) | 201.48 | 35.26 |
| 23 09 23 53-0590 | EA | Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800) | 301.17 | 93.67 |
| 23 09 23 53-0591 | EA | Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900) | 301.58 | 93.67 |
| 23 09 23 53-0592 | EA | Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708) | 321.99 | 93.67 |
| 23 09 23 53-0593 | EA | Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908) | 327.09 | 93.67 |
| 23 09 23 53-0594 | EA | Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904) | 356.00 | 93.67 |
| 23 09 23 53-0595 | EA | Toggle Switch | 123.12 | 44.08 |
| 23 09 23 53-0596 | EA | Maintained Pushbutton Switch | 131.44 | 44.08 |
| 23 09 23 53-0597 | EA | Manual Time Switch | 209.95 | 44.08 |
| 23 09 23 53-0598 | EA | Emergency Stop Switch | 350.35 | 44.08 |
| 23 09 23 53-0599 | EA | Float Switch | 338.62 | 44.08 |
| 23 09 23 53-0600 | EA | Break Glass Switch | 1,106.55 | 44.08 |
| 23 09 23 53-0601 | EA | Boiler E-Stop Switch | 680.92 | 44.08 |
| **23 09 23 53-0602** | | **Relays** *(23 09 23 53-0576)* | | |
| 23 09 23 53-0603 | EA | DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V) | 109.41 | 35.26 |
| 23 09 23 53-0604 | EA | SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1) | 119.87 | 35.26 |
| 23 09 23 53-0605 | EA | SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B)<br>Note: Box type. | 169.48 | 44.08 |
| 23 09 23 53-0606 | EA | Motor Starter Interface, 300msec Pulse (Kele PIL-2) | 213.70 | 35.26 |
| 23 09 23 53-0607 | EA | DP Relay Socket, DIN Rail Mounted (Kele SH2B-05) | 101.82 | 35.26 |
| 23 09 23 53-0608 | EA | SP Relay Socket, DIN Rail Mounted (Kele SH1B-05) | 100.29 | 35.26 |
| 23 09 23 53-0609 | EA | SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V) | 109.41 | 35.26 |
| 23 09 23 53-0610 | EA | DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V) | 114.19 | 35.26 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 23 53-0611 | EA | SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V) | 115.50 | 35.26 |
| 23 09 23 53-0612 | EA | SPDT Pilot Relay, Universal (Kele RIBU1C)<br>Note: Box type. | 125.41 | 44.08 |
| 23 09 23 53-0613 | EA | SPST Pilot Relay With HOA Switch (Kele RIBU1S)<br>Note: Box type. | 168.10 | 44.08 |
| 23 09 23 53-0614 | EA | SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400) | 299.75 | 44.08 |
| 23 09 23 53-0615 | EA | SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450) | 297.86 | 44.08 |
| **23 09 23 53-0616** | | **Transformers** *(23 09 23 53-0576)* | | |
| 23 09 23 53-0617 | EA | 50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA) | 131.25 | 35.26 |
| 23 09 23 53-0618 | EA | 75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB) | 143.12 | 35.26 |
| 23 09 23 53-0619 | EA | 75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA) | 143.12 | 35.26 |
| 23 09 23 53-0620 | EA | 100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB) | 153.87 | 35.26 |
| 23 09 23 53-0621 | EA | 100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA) | 160.48 | 35.26 |
| **23 09 23 53-0622** | | **Power Supplies** *(23 09 23 53-0576)* | | |
| 23 09 23 53-0623 | EA | Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA) | 198.03 | 35.26 |
| 23 09 23 53-0624 | EA | AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2) | 230.97 | 35.26 |
| 23 09 23 53-0625 | EA | DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524) | 216.13 | 35.26 |
| 23 09 23 53-0626 | EA | DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D) | 223.15 | 35.26 |
| 23 09 23 53-0627 | EA | DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H) | 216.89 | 35.26 |
| 23 09 23 53-0628 | EA | DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P) | 227.37 | 35.26 |
| 23 09 23 53-0629 | EA | DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C) | 169.72 | 35.26 |
| **23 09 23 53-0630** | | **Control Damper Actuators** *(23 09 23 53-0576)* | | |
| 23 09 23 53-0631 | EA | 44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR) | 463.82 | 91.85 |
| 23 09 23 53-0632 | EA | 90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR) | 500.44 | 91.85 |
| 23 09 23 53-0633 | EA | 90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP) | 560.42 | 91.85 |
| 23 09 23 53-0634 | EA | 175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR) | 589.08 | 91.85 |
| 23 09 23 53-0635 | EA | 90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR) | 606.09 | 91.85 |
| 23 09 23 53-0636 | EA | 360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR) | 672.96 | 91.85 |
| **23 09 43** | | **Pneumatic Control System For HVAC** *(23 09)* | | |
| **23 09 43 00-0001** | | **Pneumatic Tubing For HVAC Instrumentation and Control Devices** *(23 09 43)* | | |
| **23 09 43 00-0002** | | **Polyurethane Pneumatic Tubing** *(23 09 43 00-0001)* | | |
| 23 09 43 00-0003 | LF | 1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing | 2.41 | 0.96 |
| 23 09 43 00-0004 | LF | 5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing | 3.01 | 0.99 |
| 23 09 43 00-0005 | LF | 3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing | 3.87 | 1.02 |
| 23 09 43 00-0006 | LF | 1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing | 4.87 | 1.05 |
| **23 09 43 00-0007** | | **Fire Resistant Polyethylene Pneumatic Tubing** *(23 09 43 00-0001)* | | |
| 23 09 43 00-0008 | LF | 1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing | 2.16 | 0.96 |
| 23 09 43 00-0009 | LF | 5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing | 2.32 | 0.99 |
| 23 09 43 00-0010 | LF | 3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing | 2.63 | 1.02 |
| 23 09 43 00-0011 | LF | 1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing | 3.24 | 1.05 |
| **23 09 43 00-0012** | | **Nylon Pneumatic Tubing** *(23 09 43 00-0001)* | | |
| 23 09 43 00-0013 | LF | 1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing | 2.53 | 0.93 |
| 23 09 43 00-0014 | LF | 1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing | 3.29 | 0.96 |
| 23 09 43 00-0015 | LF | 3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing | 4.88 | 1.02 |
| 23 09 43 00-0016 | LF | 1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing | 6.22 | 1.05 |
| **23 09 43 00-0017** | | **Flexible Vinyl Pneumatic Tubing** *(23 09 43 00-0001)* | | |
| 23 09 43 00-0018 | LF | 1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing | 2.47 | 0.96 |
| 23 09 43 00-0019 | LF | 3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing | 3.90 | 1.02 |
| 23 09 43 00-0020 | LF | 1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing | 4.67 | 1.05 |
| 23 09 43 00-0021 | LF | 5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing | 5.64 | 1.08 |
| 23 09 43 00-0022 | LF | 3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing | 6.37 | 1.11 |
| 23 09 43 00-0023 | LF | 1" Outside Diameter Flexible Vinyl Pneumatic Tubing | 8.65 | 1.13 |
| **23 09 43 00-0024** | | **Braided Vinyl Pneumatic Tubing** *(23 09 43 00-0001)* | | |
| 23 09 43 00-0025 | LF | 5/8" Outside Diameter Braided Vinyl Pneumatic Tubing | 3.31 | 1.08 |
| 23 09 43 00-0026 | LF | 3/4" Outside Diameter Braided Vinyl Pneumatic Tubing | 3.82 | 1.11 |
| 23 09 43 00-0027 | LF | 1" Outside Diameter Braided Vinyl Pneumatic Tubing | 4.74 | 1.13 |
| **23 09 43 00-0028** | | **Copper Pneumatic Tubing** *(23 09 43 00-0001)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 09 43 00-0029 | LF | 1/4" Outside Diameter Copper Pneumatic Tubing | 5.11 | 2.07 |
| 23 09 43 00-0030 | LF | 3/8" Outside Diameter Copper Pneumatic Tubing | 6.17 | 2.38 |
| 23 09 43 00-0031 | LF | 1/2" Outside Diameter Copper Pneumatic Tubing | 7.14 | 2.74 |
| 23 09 43 00-0032 | LF | 5/8" Outside Diameter Copper Pneumatic Tubing | 8.74 | 3.16 |
| 23 09 43 00-0033 | LF | 3/4" Outside Diameter Copper Pneumatic Tubing | 9.96 | 3.63 |
| 23 09 43 00-0034 | | Brass Couplings *(23 09 43 00-0001)* | | |
| | | See CSI section 22 11 16 00-0368 for copper tubing. | | |
| 23 09 43 00-0035 | | Straight Brass Couplings *(23 09 43 00-0034)* | | |
| | | Note: Barb x Barb | | |
| 23 09 43 00-0036 | EA | 1/4" x 1/4" Straight Brass Coupling | 11.16 | 5.23 |
| 23 09 43 00-0037 | EA | 3/8" x 1/4" Straight Brass Coupling | 11.28 | 5.23 |
| 23 09 43 00-0038 | EA | 3/8" x 3/8" Straight Brass Coupling | 11.39 | 5.23 |
| 23 09 43 00-0039 | | Elbow Brass Couplings *(23 09 43 00-0034)* | | |
| | | Note: Barb x Barb | | |
| 23 09 43 00-0040 | EA | 1/4" x 1/4" Elbow Brass Coupling | 11.81 | 5.23 |
| 23 09 43 00-0041 | EA | 3/8" x 3/8" Elbow Brass Coupling | 12.20 | 5.23 |
| 23 09 43 00-0042 | | Tee Brass Couplings *(23 09 43 00-0034)* | | |
| | | Note: Barb x Barb | | |
| 23 09 43 00-0043 | EA | 1/4" x 1/4" x 1/4" Tee Brass Coupling | 18.05 | 8.13 |
| 23 09 43 00-0044 | EA | 3/8" x 3/8" x 1/4" Tee Brass Coupling | 20.62 | 8.71 |
| 23 09 43 00-0045 | EA | 3/8" x 3/8" x 3/8" Tee Brass Coupling | 20.20 | 8.71 |

# 23 10 Facility Fuel Systems *(23)*

## 23 11 Facility Fuel Piping *(23 10)*

### 23 11 23 Facility Natural-Gas Piping *(23 11)*

| | | | | |
|---|---|---|---|---|
| 23 11 23 00-0001 | | Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping *(23 11 23)* | | |
| 23 11 23 00-0002 | | Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)* | | |
| | | Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers. | | |
| 23 11 23 00-0003 | LF | 3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 5.75 | 2.04 |
| 23 11 23 00-0004 | LF | 1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 6.31 | 2.21 |
| 23 11 23 00-0005 | LF | 3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 7.51 | 2.39 |
| 23 11 23 00-0006 | LF | 1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 9.36 | 2.52 |
| 23 11 23 00-0007 | LF | 1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 10.95 | 2.65 |
| 23 11 23 00-0008 | LF | 1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 16.34 | 2.76 |
| 23 11 23 00-0009 | LF | 2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 21.95 | 2.94 |
| 23 11 23 00-0010 | | Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)* | | |
| 23 11 23 00-0011 | | Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* | | |
| 23 11 23 00-0012 | EA | 3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 27.64 | |
| 23 11 23 00-0013 | EA | 3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 27.64 | |
| 23 11 23 00-0014 | EA | 1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 29.61 | |
| 23 11 23 00-0015 | EA | 1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 29.61 | |
| 23 11 23 00-0016 | EA | 3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 35.22 | |
| 23 11 23 00-0017 | EA | 1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 47.56 | |
| 23 11 23 00-0018 | EA | 1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 47.56 | |
| 23 11 23 00-0019 | EA | 1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 78.80 | |
| 23 11 23 00-0020 | EA | 1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 141.69 | |
| 23 11 23 00-0021 | EA | 2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 227.46 | |
| 23 11 23 00-0022 | | Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* | | |
| 23 11 23 00-0023 | EA | 3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 26.84 | |
| 23 11 23 00-0024 | EA | 1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 29.61 | |
| 23 11 23 00-0025 | EA | 1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 29.61 | |
| 23 11 23 00-0026 | EA | 3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 35.22 | |
| 23 11 23 00-0027 | EA | 3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 35.22 | |
| 23 11 23 00-0028 | EA | 1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 45.61 | |
| 23 11 23 00-0029 | EA | 1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 45.61 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 11 23 00-0030** | | **Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* | | |
| 23 11 23 00-0031 | EA | 3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 35.69 | |
| 23 11 23 00-0032 | EA | 1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 46.32 | |
| **23 11 23 00-0033** | | **Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* | | |
| 23 11 23 00-0034 | EA | 3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 36.27 | |
| 23 11 23 00-0035 | EA | 1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 40.12 | |
| 23 11 23 00-0036 | EA | 3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 49.85 | |
| 23 11 23 00-0037 | EA | 1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 70.38 | |
| 23 11 23 00-0038 | EA | 1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 129.24 | |
| 23 11 23 00-0039 | EA | 1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 249.35 | |
| 23 11 23 00-0040 | EA | 2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 411.94 | |
| **23 11 23 00-0041** | | **Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* | | |
| 23 11 23 00-0042 | EA | 1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 50.35 | |
| 23 11 23 00-0043 | EA | 3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 78.96 | |
| 23 11 23 00-0044 | EA | 1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 123.00 | |
| 23 11 23 00-0045 | EA | 1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 208.91 | |
| 23 11 23 00-0046 | EA | 1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 224.47 | |
| 23 11 23 00-0047 | EA | 2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 257.25 | |
| **23 11 23 00-0048** | | **Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* | | |
| 23 11 23 00-0049 | EA | 3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 32.81 | |
| 23 11 23 00-0050 | EA | 1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 34.00 | |
| 23 11 23 00-0051 | EA | 3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 36.92 | |
| 23 11 23 00-0052 | EA | 1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 48.85 | |
| 23 11 23 00-0053 | EA | 1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 49.52 | |
| **23 11 23 00-0054** | | **Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* | | |
| 23 11 23 00-0055 | EA | 3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 35.91 | |
| 23 11 23 00-0056 | EA | 1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 36.97 | |
| 23 11 23 00-0057 | EA | 3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 43.21 | |
| 23 11 23 00-0058 | EA | 1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 50.62 | |
| 23 11 23 00-0059 | EA | 1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 50.62 | |
| **23 11 23 00-0060** | | **Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* | | |
| 23 11 23 00-0061 | EA | 3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 58.96 | |
| 23 11 23 00-0062 | EA | 1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 60.46 | |
| 23 11 23 00-0063 | EA | 3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 63.25 | |
| 23 11 23 00-0064 | EA | 1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 96.70 | |
| 23 11 23 00-0065 | EA | 1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 100.28 | |
| 23 11 23 00-0066 | EA | 1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 141.69 | |
| 23 11 23 00-0067 | EA | 2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 174.61 | |
| **23 11 23 00-0068** | | **Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* | | |
| 23 11 23 00-0069 | EA | 3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 61.96 | |
| 23 11 23 00-0070 | EA | 1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 63.40 | |
| 23 11 23 00-0071 | EA | 3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 69.42 | |
| 23 11 23 00-0072 | EA | 1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 120.31 | |
| 23 11 23 00-0073 | EA | 1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 124.10 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 23 00-0074 | EA | 1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 168.23 | |
| 23 11 23 00-0075 | EA | 2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 210.57 | |
| 23 11 23 00-0076 | | Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* | | |
| 23 11 23 00-0077 | EA | 1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 35.10 | |
| 23 11 23 00-0078 | EA | 3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 37.83 | |
| 23 11 23 00-0079 | EA | 1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 56.04 | |
| 23 11 23 00-0080 | EA | 1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 84.64 | |
| 23 11 23 00-0081 | EA | 1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 161.33 | |
| 23 11 23 00-0082 | EA | 2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 254.86 | |
| 23 11 23 00-0083 | | Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* | | |
| | | Note: Includes mounting plate. | | |
| 23 11 23 00-0084 | EA | 1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 30.35 | |
| 23 11 23 00-0085 | EA | 3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 33.02 | |
| 23 11 23 00-0086 | EA | 1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 30.38 | |
| 23 11 23 00-0087 | EA | 1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 30.47 | |
| 23 11 23 00-0088 | EA | 3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 31.82 | |
| 23 11 23 00-0089 | EA | 1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 37.48 | |
| 23 11 23 00-0090 | EA | 1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 44.68 | |
| 23 11 23 00-0091 | | Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* | | |
| | | Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve. | | |
| 23 11 23 00-0092 | EA | 1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 84.94 | 21.39 |
| 23 11 23 00-0093 | EA | 3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 95.46 | 22.45 |
| 23 11 23 00-0094 | | Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* | | |
| 23 11 23 00-0095 | EA | 3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 61.91 | 18.72 |
| 23 11 23 00-0096 | EA | 1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 72.18 | 22.24 |
| 23 11 23 00-0097 | EA | 3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 88.38 | 26.74 |
| 23 11 23 00-0098 | EA | 1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 111.20 | 35.71 |
| 23 11 23 00-0099 | | Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* | | |
| | | Note: Includes mounting hardware. | | |
| 23 11 23 00-0100 | EA | 1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 75.83 | 22.24 |
| 23 11 23 00-0101 | EA | 3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 86.47 | 26.74 |
| 23 11 23 00-0102 | EA | 1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 80.77 | 22.24 |
| 23 11 23 00-0103 | EA | 3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 89.67 | 26.74 |
| 23 11 23 00-0104 | EA | 2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 175.55 | 66.83 |
| 23 11 23 00-0105 | | Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* | | |
| 23 11 23 00-0106 | EA | 1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 79.83 | 22.24 |
| 23 11 23 00-0107 | EA | 1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 79.83 | 22.24 |
| 23 11 23 00-0108 | EA | 1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 109.38 | 22.24 |
| 23 11 23 00-0109 | EA | 3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 118.28 | 26.74 |
| 23 11 23 00-0110 | EA | 3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 118.28 | 26.74 |
| 23 11 23 00-0111 | EA | 1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 136.10 | 35.71 |
| 23 11 23 00-0112 | EA | 1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 199.77 | 40.09 |
| 23 11 23 00-0113 | EA | 1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 104.15 | 22.24 |
| 23 11 23 00-0114 | EA | 3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 252.11 | 26.74 |
| 23 11 23 00-0115 | EA | 1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe | 605.94 | 40.09 |
| 23 11 23 00-0116 | | Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) *(23 11 23)* | | |
| 23 11 23 00-0117 | | 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0118 | EA | 12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12) | 49.19 | 16.04 |
| 23 11 23 00-0119 | EA | 18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18) | 54.37 | 17.10 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 23 00-0120 | EA | 24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24) | 59.34 | 17.10 |
| 23 11 23 00-0121 | EA | 30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30) | 62.39 | 18.17 |
| 23 11 23 00-0122 | EA | 36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36) | 66.32 | 18.17 |
| 23 11 23 00-0123 | EA | 48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48) | 75.43 | 19.25 |
| 23 11 23 00-0124 | EA | 60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60) | 83.69 | 19.25 |
| 23 11 23 00-0125 | EA | 72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72) | 91.84 | 20.32 |
| 23 11 23 00-0126 | | 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0127 | EA | 12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12) | 49.19 | 16.04 |
| 23 11 23 00-0128 | EA | 18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18) | 54.37 | 17.10 |
| 23 11 23 00-0129 | EA | 24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24) | 59.34 | 17.10 |
| 23 11 23 00-0130 | EA | 30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30) | 62.39 | 18.17 |
| 23 11 23 00-0131 | EA | 36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36) | 66.32 | 18.17 |
| 23 11 23 00-0132 | EA | 48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48) | 75.43 | 19.25 |
| 23 11 23 00-0133 | EA | 60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60) | 83.69 | 19.25 |
| 23 11 23 00-0134 | EA | 72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72) | 91.84 | 20.32 |
| 23 11 23 00-0135 | | 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0136 | EA | 12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12) | 49.19 | 16.04 |
| 23 11 23 00-0137 | EA | 18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18) | 54.37 | 17.10 |
| 23 11 23 00-0138 | EA | 24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24) | 59.34 | 17.10 |
| 23 11 23 00-0139 | EA | 30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30) | 62.39 | 18.17 |
| 23 11 23 00-0140 | EA | 36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36) | 66.32 | 18.17 |
| 23 11 23 00-0141 | EA | 48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48) | 75.43 | 19.25 |
| 23 11 23 00-0142 | EA | 60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60) | 83.69 | 19.25 |
| 23 11 23 00-0143 | EA | 72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72) | 91.84 | 20.32 |
| 23 11 23 00-0144 | | 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0145 | EA | 12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12) | 49.19 | 16.04 |
| 23 11 23 00-0146 | EA | 18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18) | 54.37 | 17.10 |
| 23 11 23 00-0147 | EA | 24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24) | 72.34 | 17.10 |
| 23 11 23 00-0148 | EA | 30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30) | 62.39 | 18.17 |
| 23 11 23 00-0149 | EA | 36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36) | 66.32 | 18.17 |
| 23 11 23 00-0150 | EA | 48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48) | 75.43 | 19.25 |
| 23 11 23 00-0151 | EA | 60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60) | 83.69 | 19.25 |
| 23 11 23 00-0152 | EA | 72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72) | 91.84 | 20.32 |
| 23 11 23 00-0153 | | 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0154 | EA | 12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12) | 54.20 | 16.04 |
| 23 11 23 00-0155 | EA | 18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18) | 60.59 | 17.10 |
| 23 11 23 00-0156 | EA | 24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24) | 59.34 | 17.10 |
| 23 11 23 00-0157 | EA | 30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30) | 70.33 | 18.17 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 23 00-0158 | EA | 36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36) | 66.32 | 18.17 |
| 23 11 23 00-0159 | EA | 48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48) | 75.43 | 19.25 |
| 23 11 23 00-0160 | EA | 60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60) | 83.69 | 19.25 |
| 23 11 23 00-0161 | EA | 72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72) | 91.84 | 20.32 |
| 23 11 23 00-0162 | | 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0163 | EA | 12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12) | 49.19 | 16.04 |
| 23 11 23 00-0164 | EA | 24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24) | 66.70 | 17.10 |
| 23 11 23 00-0165 | EA | 30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30) | 62.39 | 18.17 |
| 23 11 23 00-0166 | EA | 36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36) | 66.32 | 18.17 |
| 23 11 23 00-0167 | EA | 48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48) | 75.43 | 19.25 |
| 23 11 23 00-0168 | EA | 60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60) | 96.94 | 19.25 |
| 23 11 23 00-0169 | EA | 72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72) | 91.84 | 20.32 |
| 23 11 23 00-0170 | | 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0171 | EA | 12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12) | 49.19 | 16.04 |
| 23 11 23 00-0172 | EA | 18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18) | 54.37 | 17.10 |
| 23 11 23 00-0173 | EA | 24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24) | 59.34 | 17.10 |
| 23 11 23 00-0174 | EA | 30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30) | 62.39 | 18.17 |
| 23 11 23 00-0175 | EA | 36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36) | 66.32 | 18.17 |
| 23 11 23 00-0176 | EA | 48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48) | 75.43 | 19.25 |
| 23 11 23 00-0177 | EA | 60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60) | 83.69 | 19.25 |
| 23 11 23 00-0178 | EA | 72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72) | 91.84 | 20.32 |
| 23 11 23 00-0179 | | 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0180 | EA | 12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12) | 49.19 | 16.04 |
| 23 11 23 00-0181 | EA | 18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18) | 54.37 | 17.10 |
| 23 11 23 00-0182 | EA | 24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24) | 59.34 | 17.10 |
| 23 11 23 00-0183 | EA | 30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30) | 62.39 | 18.17 |
| 23 11 23 00-0184 | EA | 36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36) | 66.32 | 18.17 |
| 23 11 23 00-0185 | EA | 48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48) | 75.43 | 19.25 |
| 23 11 23 00-0186 | EA | 60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60) | 83.69 | 19.25 |
| 23 11 23 00-0187 | EA | 72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72) | 91.84 | 20.32 |
| 23 11 23 00-0188 | | 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0189 | EA | 18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18) | 60.59 | 17.10 |
| 23 11 23 00-0190 | EA | 24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24) | 59.34 | 17.10 |
| 23 11 23 00-0191 | EA | 30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30) | 70.33 | 18.17 |
| 23 11 23 00-0192 | EA | 36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36) | 75.11 | 18.17 |
| 23 11 23 00-0193 | EA | 48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48) | 86.59 | 19.25 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 23 00-0194 | | 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0195 | EA | 12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12) | 49.19 | 16.04 |
| 23 11 23 00-0196 | EA | 18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18) | 54.37 | 17.10 |
| 23 11 23 00-0197 | EA | 24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24) | 54.13 | 17.10 |
| 23 11 23 00-0198 | EA | 30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30) | 62.39 | 18.17 |
| 23 11 23 00-0199 | EA | 36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36) | 60.10 | 18.17 |
| 23 11 23 00-0200 | EA | 48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48) | 77.33 | 19.25 |
| 23 11 23 00-0201 | EA | 60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60) | 83.69 | 19.25 |
| 23 11 23 00-0202 | EA | 72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72) | 91.84 | 20.32 |
| 23 11 23 00-0203 | | 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0204 | EA | 12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12) | 49.19 | 16.04 |
| 23 11 23 00-0205 | EA | 18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18) | 50.13 | 17.10 |
| 23 11 23 00-0206 | EA | 24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24) | 51.26 | 17.10 |
| 23 11 23 00-0207 | EA | 30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30) | 62.39 | 18.17 |
| 23 11 23 00-0208 | EA | 36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36) | 66.32 | 18.17 |
| 23 11 23 00-0209 | EA | 48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48) | 67.31 | 19.25 |
| 23 11 23 00-0210 | EA | 60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60) | 83.69 | 19.25 |
| 23 11 23 00-0211 | EA | 72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72) | 91.84 | 20.32 |
| 23 11 23 00-0212 | | 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0213 | EA | 12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12) | 49.19 | 16.04 |
| 23 11 23 00-0214 | EA | 18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18) | 54.37 | 17.10 |
| 23 11 23 00-0215 | EA | 24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24) | 59.34 | 17.10 |
| 23 11 23 00-0216 | EA | 30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30) | 62.39 | 18.17 |
| 23 11 23 00-0217 | EA | 36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36) | 55.78 | 18.17 |
| 23 11 23 00-0218 | EA | 48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48) | 75.43 | 19.25 |
| 23 11 23 00-0219 | EA | 60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60) | 83.69 | 19.25 |
| 23 11 23 00-0220 | EA | 72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72) | 91.84 | 20.32 |
| 23 11 23 00-0221 | | 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0222 | EA | 12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12) | 67.04 | 16.04 |
| 23 11 23 00-0223 | EA | 18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18) | 72.18 | 17.10 |
| 23 11 23 00-0224 | EA | 24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24) | 77.15 | 17.10 |
| 23 11 23 00-0225 | EA | 30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30) | 80.18 | 18.17 |
| 23 11 23 00-0226 | EA | 36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36) | 84.28 | 18.17 |
| 23 11 23 00-0227 | EA | 48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48) | 92.83 | 19.25 |
| 23 11 23 00-0228 | EA | 60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60) | 101.81 | 19.25 |
| 23 11 23 00-0229 | EA | 72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72) | 109.99 | 20.32 |
| 23 11 23 00-0230 | | 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 23 00-0231 | EA | 12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12) | 77.74 | 21.39 |
| 23 11 23 00-0232 | EA | 18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18) | 82.88 | 22.45 |
| 23 11 23 00-0233 | EA | 24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24) | 87.84 | 22.45 |
| 23 11 23 00-0234 | EA | 30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30) | 90.87 | 23.52 |
| 23 11 23 00-0235 | EA | 36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36) | 94.96 | 23.52 |
| 23 11 23 00-0236 | EA | 48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48) | 103.53 | 24.59 |
| 23 11 23 00-0237 | EA | 60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60) | 112.51 | 24.59 |
| 23 11 23 00-0238 | EA | 72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72) | 120.69 | 25.66 |

### 23 11 23 00-0239 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*

| | | | | |
|---|---|---|---|---|
| 23 11 23 00-0240 | EA | 12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12) | 77.74 | 21.39 |
| 23 11 23 00-0241 | EA | 18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18) | 82.88 | 22.45 |
| 23 11 23 00-0242 | EA | 24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24) | 87.84 | 22.45 |
| 23 11 23 00-0243 | EA | 30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30) | 90.87 | 23.52 |
| 23 11 23 00-0244 | EA | 36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36) | 94.96 | 23.52 |
| 23 11 23 00-0245 | EA | 48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48) | 103.53 | 24.59 |
| 23 11 23 00-0246 | EA | 60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60) | 112.51 | 24.59 |
| 23 11 23 00-0247 | EA | 72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72) | 120.69 | 25.66 |

### 23 11 23 00-0248 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*

| | | | | |
|---|---|---|---|---|
| 23 11 23 00-0249 | EA | 12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12) | 92.24 | 21.39 |
| 23 11 23 00-0250 | EA | 18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18) | 97.39 | 22.45 |
| 23 11 23 00-0251 | EA | 24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24) | 102.35 | 22.45 |
| 23 11 23 00-0252 | EA | 30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30) | 105.38 | 23.52 |
| 23 11 23 00-0253 | EA | 36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36) | 109.49 | 23.52 |
| 23 11 23 00-0254 | EA | 48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48) | 118.05 | 24.59 |
| 23 11 23 00-0255 | EA | 60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60) | 127.03 | 24.59 |

### 23 11 23 00-0256 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*

| | | | | |
|---|---|---|---|---|
| 23 11 23 00-0257 | EA | 12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12) | 92.24 | 21.39 |
| 23 11 23 00-0258 | EA | 18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18) | 97.39 | 22.45 |
| 23 11 23 00-0259 | EA | 24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24) | 102.35 | 22.45 |
| 23 11 23 00-0260 | EA | 36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36) | 109.49 | 23.52 |
| 23 11 23 00-0261 | EA | 48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48) | 118.05 | 24.59 |
| 23 11 23 00-0262 | EA | 60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60) | 127.03 | 24.59 |

### 23 11 23 00-0263 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*

| | | | | |
|---|---|---|---|---|
| 23 11 23 00-0264 | EA | 12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12) | 92.24 | 21.39 |
| 23 11 23 00-0265 | EA | 18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18) | 97.39 | 22.45 |
| 23 11 23 00-0266 | EA | 24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24) | 102.35 | 22.45 |
| 23 11 23 00-0267 | EA | 30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30) | 105.38 | 23.52 |
| 23 11 23 00-0268 | EA | 36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36) | 109.49 | 23.52 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 23 00-0269 | EA | 48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48) | 118.05 | 24.59 |
| 23 11 23 00-0270 | EA | 60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60) | 127.03 | 24.59 |
| 23 11 23 00-0271 | EA | 72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72) | 135.20 | 25.66 |
| 23 11 23 00-0272 | | 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0273 | EA | 12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12) | 73.91 | 21.39 |
| 23 11 23 00-0274 | EA | 18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18) | 79.08 | 22.45 |
| 23 11 23 00-0275 | EA | 24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24) | 84.06 | 22.45 |
| 23 11 23 00-0276 | EA | 30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30) | 87.05 | 23.52 |
| 23 11 23 00-0277 | EA | 36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36) | 91.16 | 23.52 |
| 23 11 23 00-0278 | EA | 48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48) | 99.70 | 24.59 |
| 23 11 23 00-0279 | EA | 72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72) | 116.83 | 25.66 |
| 23 11 23 00-0280 | | 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)* | | |
| 23 11 23 00-0281 | EA | 18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18) | 89.40 | 22.45 |
| 23 11 23 00-0282 | EA | 24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24) | 95.52 | 22.45 |
| 23 11 23 00-0283 | | Quarter-Turn, Gas Ball Valve *(23 11 23)* | | |
| 23 11 23 00-0284 | EA | 3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102) | 43.99 | 11.38 |
| 23 11 23 00-0285 | EA | 1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103) | 43.78 | 11.61 |
| 23 11 23 00-0286 | EA | 3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104) | 63.61 | 12.78 |
| 23 11 23 00-0287 | EA | 3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112) | 43.55 | 11.38 |
| 23 11 23 00-0288 | EA | 1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113) | 45.86 | 11.61 |
| 23 11 23 00-0289 | EA | 1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118) | 52.00 | 11.61 |
| 23 11 23 00-0290 | EA | 5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121) | 55.91 | 12.19 |
| 23 11 23 00-0291 | EA | 5/8" (7/8"-14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114) | 59.04 | 12.19 |
| 23 11 23 00-0292 | EA | 5/8" (15/16"-16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115) | 59.04 | 12.19 |
| 23 11 23 00-0293 | EA | 3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312) | 45.89 | 11.38 |
| 23 11 23 00-0294 | EA | 1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313) | 48.20 | 11.61 |
| 23 11 23 00-0295 | EA | 5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314) | 60.69 | 12.19 |
| 23 11 23 00-0296 | EA | 1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413) | 48.51 | 11.61 |
| 23 11 23 00-0297 | EA | 3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414) | 65.37 | 12.78 |
| 23 11 23 00-0298 | EA | 3/8" (9/16"-24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119) | 45.77 | 11.38 |
| 23 11 23 00-0299 | EA | 3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612) | 43.24 | 11.38 |
| 23 11 23 00-0300 | EA | 1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613) | 43.76 | 11.61 |
| 23 11 23 00-0301 | EA | 3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614) | 60.24 | 12.78 |
| 23 11 23 00-0302 | EA | 1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615) | 82.80 | 14.52 |
| 23 11 23 00-0303 | EA | 1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616) | 120.46 | 15.09 |
| 23 11 23 00-0304 | EA | 1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617) | 143.67 | 17.42 |
| 23 11 23 00-0305 | EA | 2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618) | 178.15 | 20.90 |
| 23 11 23 00-0306 | EA | 1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713) | 45.12 | 11.61 |
| 23 11 23 00-0307 | EA | 3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714) | 59.83 | 12.78 |
| 23 11 23 00-0308 | | Gas Stops *(23 11 23)* | | |
| 23 11 23 00-0309 | | Brass/Bronze Gas Stops *(23 11 23 00-0308)* | | |
| | | Note: Flat or square head | | |
| 23 11 23 00-0310 | EA | 3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596) | 51.91 | 11.61 |
| 23 11 23 00-0311 | EA | 1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596) | 52.06 | 11.61 |
| 23 11 23 00-0312 | EA | 3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596) | 68.41 | 12.78 |
| 23 11 23 00-0313 | EA | 1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596) | 95.65 | 14.52 |
| 23 11 23 00-0314 | EA | 1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596) | 127.02 | 15.45 |
| 23 11 23 00-0315 | EA | 1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596) | 159.59 | 17.88 |
| 23 11 23 00-0316 | EA | 2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596) | 220.33 | 21.13 |
| 23 11 23 00-0317 | | Iron Body Gas Stops *(23 11 23 00-0308)* | | |
| 23 11 23 00-0318 | EA | 1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B) | 69.46 | 11.61 |
| 23 11 23 00-0319 | EA | 3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B) | 85.52 | 12.78 |
| 23 11 23 00-0320 | EA | 1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B) | 105.97 | 14.52 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 23 00-0321 | EA | 1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B) | 137.05 | 15.45 |
| 23 11 23 00-0322 | EA | 1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B) | 172.18 | 17.88 |
| 23 11 23 00-0323 | EA | 2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B) | 223.19 | 21.13 |
| 23 11 23 00-0324 | EA | 2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B) | 429.60 | 28.55 |
| 23 11 23 00-0325 | EA | 3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B) | 575.10 | 33.14 |

### 23 11 23 00-0326 Bronze Body Solenoid Valves, 150 PSI Gas *(23 11 23)*

| | | | | |
|---|---|---|---|---|
| 23 11 23 00-0327 | EA | 1/4" Solenoid Valve, Bronze, 150 PSI, Gas | 174.44 | 11.61 |
| 23 11 23 00-0328 | EA | 1/2" Solenoid Valve, Bronze, 150 PSI, Gas | 203.28 | 11.61 |
| 23 11 23 00-0329 | EA | 3/4" Solenoid Valve, Bronze, 150 PSI, Gas | 259.00 | 12.78 |
| 23 11 23 00-0330 | EA | 1" Solenoid Valve, Bronze, 150 PSI, Gas | 387.73 | 14.52 |
| 23 11 23 00-0331 | EA | 1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas | 692.29 | 17.88 |
| 23 11 23 00-0332 | EA | 2" Solenoid Valve, Bronze, 150 PSI, Gas | 1,175.72 | 21.13 |
| 23 11 23 00-0333 | EA | 2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas | 1,457.23 | 28.55 |
| 23 11 23 00-0334 | EA | 3" Solenoid Valve, Bronze, 150 PSI, Gas | 2,193.00 | 33.14 |

## 23 11 26 Facility Liquefied-Petroleum Gas Piping *(23 11)*

### 23 11 26 00-0001 Fiberglass Reinforced Plastic Pipe And Fittings *(23 11 26)*

### 23 11 26 00-0002 Fiberglass Reinforced Plastic Pipe *(23 11 26 00-0001)*

Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (add modifier for use as inner pipe).

| | | | | |
|---|---|---|---|---|
| 23 11 26 00-0003 | LF | 2" Fiberglass Reinforced Plastic Pipe | 19.13 | 7.70 |
| 23 11 26 00-0004 | LF | 3" Fiberglass Reinforced Plastic Pipe | 22.94 | 9.20 |
| 23 11 26 00-0005 | LF | 4" Fiberglass Reinforced Plastic Pipe | 30.82 | 13.58 |
| 23 11 26 00-0006 | LF | 5" Fiberglass Reinforced Plastic Pipe | 35.97 | 15.61 |
| 23 11 26 00-0007 | LF | 6" Fiberglass Reinforced Plastic Pipe | 41.86 | 17.43 |
| 23 11 26 00-0008 | LF | 8" Fiberglass Reinforced Plastic Pipe | 54.04 | 19.32 |
| 23 11 26 00-0009 | LF | 10" Fiberglass Reinforced Plastic Pipe | 71.13 | 22.98 |
| 23 11 26 00-0010 | LF | 12" Fiberglass Reinforced Plastic Pipe | 168.14 | 28.93 |

### 23 11 26 00-0011 Fiberglass Reinforced Plastic Fittings *(23 11 26 00-0001)*

### 23 11 26 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows *(23 11 26 00-0011)*

| | | | | |
|---|---|---|---|---|
| 23 11 26 00-0013 | EA | 2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow | 152.96 | 76.67 |
| 23 11 26 00-0014 | EA | 3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow | 181.02 | 92.06 |
| 23 11 26 00-0015 | EA | 4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow | 215.65 | 106.92 |
| 23 11 26 00-0016 | EA | 5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow | 248.64 | 114.31 |
| 23 11 26 00-0017 | EA | 6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow | 297.92 | 128.25 |
| 23 11 26 00-0018 | EA | 8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow | 421.10 | 160.26 |
| 23 11 26 00-0019 | EA | 10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow | 537.94 | 193.05 |
| 23 11 26 00-0020 | EA | 12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow | 1,248.51 | 239.38 |

### 23 11 26 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows *(23 11 26 00-0011)*

| | | | | |
|---|---|---|---|---|
| 23 11 26 00-0022 | EA | 2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow | 153.24 | 76.67 |
| 23 11 26 00-0023 | EA | 3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow | 181.11 | 92.06 |
| 23 11 26 00-0024 | EA | 4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow | 215.94 | 107.03 |
| 23 11 26 00-0025 | EA | 5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow | 267.66 | 127.14 |
| 23 11 26 00-0026 | EA | 6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow | 297.82 | 128.25 |
| 23 11 26 00-0027 | EA | 8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow | 421.10 | 160.26 |
| 23 11 26 00-0028 | EA | 10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow | 948.08 | 193.05 |
| 23 11 26 00-0029 | EA | 12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow | 1,248.51 | 239.38 |

### 23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees *(23 11 26 00-0011)*

| | | | | |
|---|---|---|---|---|
| 23 11 26 00-0031 | EA | 2" Fiberglass Reinforced Plastic Flanged Tee | 309.37 | 115.05 |
| 23 11 26 00-0032 | EA | 3" Fiberglass Reinforced Plastic Flanged Tee | 381.92 | 138.57 |
| 23 11 26 00-0033 | EA | 4" Fiberglass Reinforced Plastic Flanged Tee | 435.26 | 160.49 |
| 23 11 26 00-0034 | EA | 5" Fiberglass Reinforced Plastic Flanged Tee | 548.89 | 190.65 |
| 23 11 26 00-0035 | EA | 6" Fiberglass Reinforced Plastic Flanged Tee | 630.93 | 193.05 |
| 23 11 26 00-0036 | EA | 8" Fiberglass Reinforced Plastic Flanged Tee | 793.23 | 239.38 |
| 23 11 26 00-0037 | EA | 10" Fiberglass Reinforced Plastic Flanged Tee | 1,257.73 | 289.57 |
| 23 11 26 00-0038 | EA | 12" Fiberglass Reinforced Plastic Flanged Tee | 1,676.83 | 352.06 |

### 23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes *(23 11 26 00-0011)*

| | | | | |
|---|---|---|---|---|
| 23 11 26 00-0040 | EA | 2" Fiberglass Reinforced Plastic Flanged Wye | 402.05 | 115.05 |
| 23 11 26 00-0041 | EA | 3" Fiberglass Reinforced Plastic Flanged Wye | 514.29 | 138.36 |
| 23 11 26 00-0042 | EA | 4" Fiberglass Reinforced Plastic Flanged Wye | 603.73 | 160.49 |
| 23 11 26 00-0043 | EA | 5" Fiberglass Reinforced Plastic Flanged Wye | 692.34 | 190.65 |
| 23 11 26 00-0044 | EA | 6" Fiberglass Reinforced Plastic Flanged Wye | 749.38 | 193.05 |
| 23 11 26 00-0045 | EA | 8" Fiberglass Reinforced Plastic Flanged Wye | 980.56 | 239.38 |
| 23 11 26 00-0046 | EA | 10" Fiberglass Reinforced Plastic Flanged Wye | 1,494.01 | 289.57 |
| 23 11 26 00-0047 | EA | 12" Fiberglass Reinforced Plastic Flanged Wye | 1,934.40 | 352.06 |

### 23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers *(23 11 26 00-0011)*

| | | | | |
|---|---|---|---|---|
| 23 11 26 00-0049 | EA | 2" Fiberglass Reinforced Plastic Flanged Concentric Reducer | 230.98 | 76.67 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 26 00-0050 | EA | 3" Fiberglass Reinforced Plastic Flanged Concentric Reducer | 297.92 | 92.06 |
| 23 11 26 00-0051 | EA | 4" Fiberglass Reinforced Plastic Flanged Concentric Reducer | 327.89 | 107.03 |
| 23 11 26 00-0052 | EA | 5" Fiberglass Reinforced Plastic Flanged Concentric Reducer | 380.69 | 127.14 |
| 23 11 26 00-0053 | EA | 6" Fiberglass Reinforced Plastic Flanged Concentric Reducer | 411.87 | 128.25 |
| 23 11 26 00-0054 | EA | 8" Fiberglass Reinforced Plastic Flanged Concentric Reducer | 546.44 | 160.26 |
| 23 11 26 00-0055 | EA | 10" Fiberglass Reinforced Plastic Flanged Concentric Reducer | 696.91 | 193.05 |
| 23 11 26 00-0056 | EA | 12" Fiberglass Reinforced Plastic Flanged Concentric Reducer | 949.21 | 239.38 |
| **23 11 26 00-0057** | | **Fiberglass Reinforced Plastic Bell x Male Or Female Adapters** *(23 11 26 00-0011)* | | |
| 23 11 26 00-0058 | EA | 2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter | 189.57 | 76.67 |
| 23 11 26 00-0059 | EA | 3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter | 218.82 | 92.06 |
| 23 11 26 00-0060 | EA | 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter | 248.87 | 107.03 |
| 23 11 26 00-0061 | EA | 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter | 303.28 | 127.14 |
| 23 11 26 00-0062 | EA | 6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter | 336.13 | 128.25 |
| 23 11 26 00-0063 | EA | 8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter | 337.75 | 160.26 |
| 23 11 26 00-0064 | EA | 10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter | 429.41 | 193.05 |
| 23 11 26 00-0065 | EA | 12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter | 663.25 | 239.38 |
| **23 11 26 00-0066** | | **Fiberglass Reinforced Plastic Nipples** *(23 11 26 00-0011)* | | |
| 23 11 26 00-0067 | EA | 2" x 6" Fiberglass Reinforced Plastic Nipple | 34.39 | 9.20 |
| 23 11 26 00-0068 | EA | 2" x 12" Fiberglass Reinforced Plastic Nipple | 68.71 | 18.39 |
| 23 11 26 00-0069 | EA | 3" x 8" Fiberglass Reinforced Plastic Nipple | 111.17 | 14.11 |
| 23 11 26 00-0070 | EA | 3" x 12" Fiberglass Reinforced Plastic Nipple | 127.63 | 17.98 |
| 23 11 26 00-0071 | EA | 4" x 8" Fiberglass Reinforced Plastic Nipple | 118.39 | 12.78 |
| 23 11 26 00-0072 | EA | 4" x 12" Fiberglass Reinforced Plastic Nipple | 143.24 | 19.23 |
| 23 11 26 00-0073 | EA | 6" x 12" Fiberglass Reinforced Plastic Nipple | 177.43 | 21.54 |
| 23 11 26 00-0074 | EA | 6" x 12" Fiberglass Reinforced Plastic Nipple | 211.60 | 23.07 |
| 23 11 26 00-0075 | EA | 8" x 18" Fiberglass Reinforced Plastic Nipple | 114.52 | 26.92 |
| 23 11 26 00-0076 | EA | 8" x 24" Fiberglass Reinforced Plastic Nipple | 156.49 | 38.46 |
| 23 11 26 00-0077 | EA | 10" x 18" Fiberglass Reinforced Plastic Nipple | 189.09 | 27.40 |
| 23 11 26 00-0078 | EA | 10" x 24" Fiberglass Reinforced Plastic Nipple | 283.80 | 40.96 |
| 23 11 26 00-0079 | EA | 12" x 18" Fiberglass Reinforced Plastic Nipple | 220.13 | 28.27 |
| 23 11 26 00-0080 | EA | 12" x 24" Fiberglass Reinforced Plastic Nipple | 289.03 | 42.30 |
| **23 11 26 00-0081** | | **Fiberglass Reinforced Plastic Sleeve Couplings** *(23 11 26 00-0011)* | | |
| 23 11 26 00-0082 | EA | 2" Fiberglass Reinforced Plastic Sleeve Coupling | 133.89 | 76.67 |
| 23 11 26 00-0083 | EA | 3" Fiberglass Reinforced Plastic Sleeve Coupling | 161.00 | 92.06 |
| 23 11 26 00-0084 | EA | 4" Fiberglass Reinforced Plastic Sleeve Coupling | 186.32 | 107.03 |
| 23 11 26 00-0085 | EA | 5" Fiberglass Reinforced Plastic Sleeve Coupling | 222.97 | 127.14 |
| 23 11 26 00-0086 | EA | 6" Fiberglass Reinforced Plastic Sleeve Coupling | 238.04 | 128.25 |
| 23 11 26 00-0087 | EA | 8" Fiberglass Reinforced Plastic Sleeve Coupling | 307.47 | 160.26 |
| 23 11 26 00-0088 | EA | 10" Fiberglass Reinforced Plastic Sleeve Coupling | 391.66 | 193.05 |
| 23 11 26 00-0089 | EA | 12" Fiberglass Reinforced Plastic Sleeve Coupling | 479.43 | 239.38 |
| **23 11 26 00-0090** | | **Fiberglass Reinforced Plastic Flanges** *(23 11 26 00-0011)* | | |
| 23 11 26 00-0091 | EA | 2" Fiberglass Reinforced Plastic Flange | 136.25 | 76.67 |
| 23 11 26 00-0092 | EA | 3" Fiberglass Reinforced Plastic Flange | 164.13 | 92.06 |
| 23 11 26 00-0093 | EA | 4" Fiberglass Reinforced Plastic Flange | 179.34 | 96.04 |
| 23 11 26 00-0094 | EA | 5" Fiberglass Reinforced Plastic Flange | 215.69 | 114.31 |
| 23 11 26 00-0095 | EA | 6" Fiberglass Reinforced Plastic Flange | 251.77 | 128.25 |
| 23 11 26 00-0096 | EA | 8" Fiberglass Reinforced Plastic Flange | 310.92 | 153.44 |
| 23 11 26 00-0097 | EA | 10" Fiberglass Reinforced Plastic Flange | 413.01 | 193.05 |
| 23 11 26 00-0098 | EA | 12" Fiberglass Reinforced Plastic Flange | 564.86 | 239.38 |
| **23 11 26 00-0099** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings** *(23 11 26)* | | |
| **23 11 26 00-0100** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing** *(23 11 26 00-0099)* | | |
| 23 11 26 00-0101 | LF | 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing | 108.74 | 33.04 |
| 23 11 26 00-0102 | LF | 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing | 129.56 | 39.14 |
| 23 11 26 00-0103 | LF | 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing | 168.08 | 57.74 |
| 23 11 26 00-0104 | LF | 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing | 233.97 | 74.85 |
| 23 11 26 00-0105 | LF | 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing | 318.74 | 82.68 |
| 23 11 26 00-0106 | LF | 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing | 431.22 | 98.06 |
| 23 11 26 00-0107 | LF | 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing | 550.59 | 123.73 |
| **23 11 26 00-0108** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings** *(23 11 26 00-0099)* | | |
| **23 11 26 00-0109** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows** *(23 11 26 00-0108)* | | |
| 23 11 26 00-0110 | EA | 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow | 1,869.83 | 408.88 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 26 00-0111 | EA | 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow | 2,160.25 | 490.79 |
| 23 11 26 00-0112 | EA | 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow | 2,687.12 | 570.34 |
| 23 11 26 00-0113 | EA | 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow | 4,520.68 | 683.84 |
| 23 11 26 00-0114 | EA | 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow | 7,262.48 | 854.96 |
| 23 11 26 00-0115 | EA | 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow | 9,764.14 | 1,028.59 |
| 23 11 26 00-0116 | EA | 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow | 13,014.92 | 1,273.74 |
| **23 11 26 00-0117** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows** *(23 11 26 00-0108)* | | |
| 23 11 26 00-0118 | EA | 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow | 1,872.57 | 408.88 |
| 23 11 26 00-0119 | EA | 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow | 2,155.45 | 490.79 |
| 23 11 26 00-0120 | EA | 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow | 2,683.36 | 570.34 |
| 23 11 26 00-0121 | EA | 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow | 4,498.53 | 683.84 |
| 23 11 26 00-0122 | EA | 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow | 7,230.41 | 854.96 |
| 23 11 26 00-0123 | EA | 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow | 9,720.77 | 1,029.07 |
| 23 11 26 00-0124 | EA | 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow | 12,959.71 | 1,276.62 |
| **23 11 26 00-0125** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees** *(23 11 26 00-0108)* | | |
| 23 11 26 00-0126 | EA | 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee | 2,619.54 | 613.33 |
| 23 11 26 00-0127 | EA | 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee | 3,271.38 | 739.18 |
| 23 11 26 00-0128 | EA | 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee | 3,700.24 | 855.94 |
| 23 11 26 00-0129 | EA | 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee | 5,783.55 | 1,029.55 |
| 23 11 26 00-0130 | EA | 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee | 7,306.65 | 1,276.62 |
| 23 11 26 00-0131 | EA | 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee | 12,538.34 | 1,542.54 |
| 23 11 26 00-0132 | EA | 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee | 17,070.92 | 1,870.28 |
| **23 11 26 00-0133** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes** *(23 11 26 00-0108)* | | |
| 23 11 26 00-0134 | EA | 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye | 3,770.24 | 613.33 |
| 23 11 26 00-0135 | EA | 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye | 4,916.96 | 738.32 |
| 23 11 26 00-0136 | EA | 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye | 5,792.32 | 855.94 |
| 23 11 26 00-0137 | EA | 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye | 7,254.35 | 1,029.55 |
| 23 11 26 00-0138 | EA | 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye | 9,632.65 | 1,276.62 |
| 23 11 26 00-0139 | EA | 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye | 15,472.19 | 1,542.54 |
| 23 11 26 00-0140 | EA | 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye | 20,268.98 | 1,870.28 |
| **23 11 26 00-0141** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers** *(23 11 26 00-0108)* | | |
| 23 11 26 00-0142 | EA | 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer | 2,053.46 | 408.88 |
| 23 11 26 00-0143 | EA | 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer | 2,721.80 | 490.79 |
| 23 11 26 00-0144 | EA | 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer | 2,934.90 | 570.34 |
| 23 11 26 00-0145 | EA | 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer | 3,751.86 | 683.84 |
| 23 11 26 00-0146 | EA | 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer | 5,082.45 | 854.96 |
| 23 11 26 00-0147 | EA | 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer | 6,601.35 | 1,028.59 |
| 23 11 26 00-0148 | EA | 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer | 9,239.05 | 1,273.74 |
| **23 11 26 00-0149** | | **Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters** *(23 11 26 00-0108)* | | |
| 23 11 26 00-0150 | EA | 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter | 1,539.20 | 408.88 |
| 23 11 26 00-0151 | EA | 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter | 1,739.69 | 490.79 |
| 23 11 26 00-0152 | EA | 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter | 1,953.73 | 570.34 |
| 23 11 26 00-0153 | EA | 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter | 2,811.42 | 683.84 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 11 26 00-0154 | EA | 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter | 2,491.26 | 854.96 |
| 23 11 26 00-0155 | EA | 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter | 3,279.96 | 1,028.59 |
| 23 11 26 00-0156 | EA | 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter | 5,688.48 | 1,273.74 |

### 23 11 26 00-0157 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples *(23 11 26 00-0108)*

| | | | | |
|---|---|---|---|---|
| 23 11 26 00-0158 | EA | 2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 329.30 | 49.08 |
| 23 11 26 00-0159 | EA | 2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 658.21 | 97.94 |
| 23 11 26 00-0160 | EA | 3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 1,230.46 | 75.28 |
| 23 11 26 00-0161 | EA | 3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 1,393.84 | 95.85 |
| 23 11 26 00-0162 | EA | 4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 1,333.74 | 68.36 |
| 23 11 26 00-0163 | EA | 4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 1,574.40 | 102.58 |
| 23 11 26 00-0164 | EA | 6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 2,381.99 | 123.25 |
| 23 11 26 00-0165 | EA | 8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 1,135.91 | 143.64 |
| 23 11 26 00-0166 | EA | 8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 1,534.84 | 205.06 |
| 23 11 26 00-0167 | EA | 10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 2,057.12 | 145.94 |
| 23 11 26 00-0168 | EA | 10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 3,088.41 | 218.62 |
| 23 11 26 00-0169 | EA | 12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 2,433.29 | 150.56 |
| 23 11 26 00-0170 | EA | 12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple | 3,139.12 | 225.83 |

### 23 11 26 00-0171 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges *(23 11 26 00-0108)*

| | | | | |
|---|---|---|---|---|
| 23 11 26 00-0172 | EA | 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange | 1,207.14 | 512.04 |
| 23 11 26 00-0173 | EA | 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange | 1,763.96 | 683.84 |
| 23 11 26 00-0174 | EA | 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange | 2,231.05 | 818.53 |
| 23 11 26 00-0175 | EA | 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange | 3,076.36 | 1,028.59 |
| 23 11 26 00-0176 | EA | 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange | 4,466.77 | 1,273.74 |

## 23 12 Facility Fuel Pumps *(23 10)*

### 23 12 13 Facility Fuel-Oil Pumps *(23 12)*

#### 23 12 13 00-0001 Cast Iron Internal Gear Rotary Pump *(23 12 13)*

Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.

#### 23 12 13 00-0002 10 GPM 1" Discharge *(23 12 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 12 13 00-0003 | EA | 10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge | 1,509.96 | 310.25 |
| 23 12 13 00-0004 | EA | 10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge | 1,585.79 | 375.51 |
| 23 12 13 00-0005 | EA | 10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge | 1,737.23 | 446.12 |

#### 23 12 13 00-0006 25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 12 13 00-0007 | EA | 25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge | 1,630.15 | 310.25 |
| 23 12 13 00-0008 | EA | 25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge | 1,717.26 | 375.51 |
| 23 12 13 00-0009 | EA | 25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge | 1,804.18 | 446.12 |

#### 23 12 13 00-0010 Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*

| | | | | |
|---|---|---|---|---|
| 23 12 13 00-0011 | EA | 1/4 HP Pump Fuel Oil/Diesel | 1,136.24 | 173.85 |
| 23 12 13 00-0012 | EA | 1/3 HP Pump Fuel Oil/Diesel | 1,334.47 | 194.71 |
| 23 12 13 00-0013 | EA | 1/2 HP Pump Fuel Oil/Diesel | 1,459.83 | 218.25 |
| 23 12 13 00-0014 | EA | 3/4 HP Pump Fuel Oil/Diesel | 1,593.77 | 246.06 |
| 23 12 13 00-0015 | EA | 1 HP Pump Fuel Oil/Diesel | 2,231.22 | 273.88 |
| 23 12 13 00-0016 | EA | 1-1/2 HP Pump Fuel Oil/Diesel | 2,724.76 | 306.51 |
| 23 12 13 00-0017 | EA | 2 HP Pump Fuel Oil/Diesel | 3,020.12 | 343.42 |
| 23 12 13 00-0018 | EA | 3 HP Pump Fuel Oil/Diesel | 3,677.32 | 384.07 |
| 23 12 13 00-0019 | EA | 5 HP Pump Fuel Oil/Diesel | 4,331.49 | 430.61 |
| 23 12 13 00-0020 | EA | 7.5 HP Pump Fuel Oil/Diesel | 4,849.83 | 483.03 |
| 23 12 13 00-0021 | EA | 10 HP Pump Fuel Oil/Diesel | 5,437.47 | 541.44 |

### 23 12 16 Facility Gasoline Dispensing Pumps *(23 12)*

#### 23 12 16 00-0001 Unloading Hose And Accessories *(23 12 16)*

#### 23 12 16 00-0002 Hoses With Braided Rayon Cord, Neoprene Cover, And End Couplings *(23 12 16 00-0001)*

#### 23 12 16 00-0003 Two Braid Hose x 25' *(23 12 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 23 12 16 00-0004 | EA | 3/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings | 281.83 | 44.41 |
| 23 12 16 00-0005 | EA | 1" x 1-1/2", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings | 323.76 | 44.41 |
| 23 12 16 00-0006 | EA | 1-1/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings | 440.70 | 44.41 |

#### 23 12 16 00-0007 Two Braid Hose x 50' *(23 12 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 23 12 16 00-0008 | EA | 3/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings | 561.76 | 89.93 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 12 16 00-0009 | EA | 1" x 1-1/2", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings | 643.78 | 89.93 |
| 23 12 16 00-0010 | EA | 1-1/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings | 880.20 | 89.93 |
| 23 12 16 00-0011 | | Three Braid Hose x 25' *(23 12 16 00-0002)* | | |
| 23 12 16 00-0012 | EA | 1-1/2" x 2-3/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings | 658.62 | 44.41 |
| 23 12 16 00-0013 | EA | 2" x 2-21/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings | 819.89 | 59.95 |
| 23 12 16 00-0014 | EA | 2-1/2" x 3-3/16", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings | 1,146.48 | 74.39 |
| 23 12 16 00-0015 | EA | 3" x 3-3/4", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings | 1,437.70 | 89.93 |
| 23 12 16 00-0016 | | Three Braid Hose x 50' *(23 12 16 00-0002)* | | |
| 23 12 16 00-0017 | EA | 1-1/2" x 2-3/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings | 1,182.57 | 89.93 |
| 23 12 16 00-0018 | EA | 2" x 2-21/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings | 1,454.48 | 118.80 |
| 23 12 16 00-0019 | EA | 2-1/2" x 3-3/16", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings | 1,951.36 | 149.88 |
| 23 12 16 00-0020 | EA | 3" x 3-3/4", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings | 2,379.33 | 178.74 |
| 23 12 16 00-0021 | | Tank Car Unloading Hose Assemblies *(23 12 16 00-0001)* | | |
| 23 12 16 00-0022 | | Flexible Galvanized Hose Assemblies *(23 12 16 00-0021)*<br>Note: Each end includes a female coupling. | | |
| 23 12 16 00-0023 | EA | 2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End | 624.12 | 104.36 |
| 23 12 16 00-0024 | EA | 2-1/2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End | 752.22 | 104.36 |
| 23 12 16 00-0025 | EA | 3" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End | 883.44 | 104.36 |
| 23 12 16 00-0026 | EA | 4" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End | 1,395.81 | 104.36 |
| 23 12 16 00-0027 | | Standard Gas Station Pumps *(23 12 16)* | | |
| 23 12 16 00-0028 | | Gasoline Pumps *(23 12 16 00-0027)*<br>Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle. | | |
| 23 12 16 00-0029 | EA | Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle | 5,679.46 | 888.18 |
| 23 12 16 00-0030 | | Gasoline Pumps With Vapor Recovery System *(23 12 16 00-0027)*<br>Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle. | | |
| 23 12 16 00-0031 | EA | Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle With Vapor Recovery | 11,323.18 | 1,332.26 |
| **23 12 23** | | **Facility Natural-Gas Pumps** *(23 12)* | | |
| 23 12 23 00-0001 | | Natural Gas Booster Pump *(23 12 23)* | | |
| 23 12 23 00-0002 | EA | Natural Gas Booster Pump, 3/4" Outlet Size | 1,094.21 | 160.48 |
| 23 12 23 00-0003 | EA | Natural Gas Booster Pump, 1" Outlet Size | 1,296.45 | 179.19 |
| 23 12 23 00-0004 | EA | Natural Gas Booster Pump, 1-1/4" Outlet Size | 1,451.90 | 187.22 |
| 23 12 23 00-0005 | EA | Natural Gas Booster Pump, 1-1/2" Outlet Size | 1,645.37 | 195.24 |
| 23 12 23 00-0006 | EA | Natural Gas Booster Pump, 2" Outlet Size | 1,858.91 | 200.59 |
| 23 13 | | Facility Fuel-Storage Tanks *(23 10)* | | |
| **23 13 13** | | **Facility Underground Fuel-Oil, Storage Tanks** *(23 13)* | | |
| **23 13 13 13** | | **Double-Wall Steel, Underground Fuel-Oil, Storage Tanks** *(23 13 13)* | | |
| 23 13 13 13-0001 | | Coated Underground Double Wall Storage Tanks *(23 13 13 13)*<br>Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping. | | |
| 23 13 13 13-0002 | EA | 250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 13,869.08 | 686.92 |
| 23 13 13 13-0003 | EA | 550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 14,980.83 | 686.92 |
| 23 13 13 13-0004 | EA | 1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 21,639.89 | 858.60 |
| 23 13 13 13-0005 | EA | 2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 29,666.34 | 1,677.04 |
| 23 13 13 13-0006 | EA | 3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 47,205.56 | 2,156.08 |
| 23 13 13 13-0007 | EA | 4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 52,592.98 | 2,476.32 |
| 23 13 13 13-0008 | EA | 5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 56,810.01 | 3,274.21 |
| 23 13 13 13-0009 | EA | 6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 58,754.13 | 3,515.44 |
| 23 13 13 13-0010 | EA | 8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 71,699.55 | 4,153.04 |
| 23 13 13 13-0011 | EA | 10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 83,036.92 | 4,790.22 |
| 23 13 13 13-0012 | EA | 12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 106,170.78 | 5,267.77 |
| 23 13 13 13-0013 | EA | 14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 125,872.25 | 6,395.91 |
| 23 13 13 13-0014 | EA | 15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 130,028.40 | 6,787.73 |
| 23 13 13 13-0015 | EA | 20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 159,691.94 | 10,766.75 |
| 23 13 13 13-0016 | EA | 25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 196,298.68 | 13,961.83 |
| 23 13 13 13-0017 | EA | 30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 231,256.21 | 15,974.88 |
| 23 13 13 13-0018 | EA | 40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 297,225.13 | 17,172.99 |
| 23 13 13 13-0019 | EA | 48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars | 402,322.39 | 17,613.37 |
| **23 13 13 23** | | **Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks** *(23 13 13)* | | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 13 13 23-0001 | | Underground Fiberglass Storage Tanks *(23 13 13 23)* | | |
| 23 13 13 23-0002 | | Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*<br>Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill. | | |
| 23 13 13 23-0003 | EA | 550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 3,382.05 | 686.92 |
| 23 13 13 23-0004 | EA | 1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 4,247.17 | 858.60 |
| 23 13 13 23-0005 | EA | 2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 5,521.01 | 1,062.33 |
| 23 13 13 23-0006 | EA | 2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 6,289.27 | 1,293.96 |
| 23 13 13 23-0007 | EA | 3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 7,051.98 | 1,517.62 |
| 23 13 13 23-0008 | EA | 4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 8,610.50 | 1,996.86 |
| 23 13 13 23-0009 | EA | 5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 10,405.39 | 3,035.22 |
| 23 13 13 23-0010 | EA | 6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 11,853.10 | 3,833.97 |
| 23 13 13 23-0011 | EA | 8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 14,152.93 | 4,313.21 |
| 23 13 13 23-0012 | EA | 10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 15,995.48 | 5,111.96 |
| 23 13 13 23-0013 | EA | 12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 20,481.31 | 6,070.45 |
| 23 13 13 23-0014 | EA | 15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 25,231.62 | 7,588.07 |
| 23 13 13 23-0015 | EA | 20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 31,950.62 | 10,144.05 |
| 23 13 13 23-0016 | EA | 25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 47,207.88 | 12,620.15 |
| 23 13 13 23-0017 | EA | 30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 57,737.43 | 15,176.13 |
| 23 13 13 23-0018 | EA | 40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 82,585.86 | 21,965.45 |
| 23 13 13 23-0019 | EA | 50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps | 116,845.55 | 27,956.03 |
| 23 13 13 23-0020 | | Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*<br>Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill. | | |
| 23 13 13 23-0021 | EA | 550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 6,400.06 | 686.92 |
| 23 13 13 23-0022 | EA | 1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 8,425.20 | 858.60 |
| 23 13 13 23-0023 | EA | 2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 10,103.37 | 1,038.36 |
| 23 13 13 23-0024 | EA | 3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 13,173.74 | 1,517.72 |
| 23 13 13 23-0025 | EA | 4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 14,859.80 | 1,996.86 |
| 23 13 13 23-0026 | EA | 5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 17,275.37 | 3,035.22 |
| 23 13 13 23-0027 | EA | 6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 19,335.26 | 3,833.97 |
| 23 13 13 23-0028 | EA | 8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 23,675.68 | 4,313.21 |
| 23 13 13 23-0029 | EA | 10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 25,518.22 | 5,111.96 |
| 23 13 13 23-0030 | EA | 12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 30,854.30 | 6,070.45 |
| 23 13 13 23-0031 | EA | 15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 42,279.03 | 7,588.07 |
| 23 13 13 23-0032 | EA | 20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 52,526.55 | 10,144.05 |
| 23 13 13 23-0033 | EA | 30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps | 81,034.15 | 15,176.13 |
| 23 13 13 23-0034 | | Underground Storage Tank Pump Enclosures *(23 13 13 23)* | | |
| 23 13 13 23-0035 | EA | Secondary Containment Collar | 2,514.71 | |
| 23 13 13 23-0036 | EA | Turbine Enclosure With Lid 4' Long x 42" Diameter | 2,514.71 | |
| 23 13 13 23-0037 | EA | Fitting Kit For Turbine Enclosure | 502.94 | |
| 23 13 13 23-0038 | EA | Grommet Kits For Plumbing And Electrical | 1,005.88 | |
| 23 13 13 23-0039 | EA | Turbine Electrical Coupling Kit | 1,257.35 | |
| **23 13 23** | | **Facility Aboveground Fuel-Oil, Storage Tanks** *(23 13)* | | |
| **23 13 23 13** | | **Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)* | | |
| 23 13 23 13-0001 | | Rectangle Double Wall Steel Fuel Day Tank *(23 13 23 13)*<br>Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs. | | |
| 23 13 23 13-0002 | EA | 10 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,180.35 | 139.40 |
| 23 13 23 13-0003 | EA | 15 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,267.39 | 146.37 |
| 23 13 23 13-0004 | EA | 25 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,375.68 | 156.82 |
| 23 13 23 13-0005 | EA | 50 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,579.95 | 167.27 |
| 23 13 23 13-0006 | EA | 60 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,761.30 | 174.24 |
| 23 13 23 13-0007 | EA | 75 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 2,076.52 | 209.09 |
| 23 13 23 13-0008 | EA | 100 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 2,792.90 | 243.94 |
| 23 13 23 13-0009 | EA | 150 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 3,533.28 | 278.78 |
| 23 13 23 13-0010 | EA | 200 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 4,530.80 | 313.63 |
| 23 13 23 13-0011 | EA | 275 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 5,050.03 | 348.49 |
| 23 13 23 13-0012 | EA | 300 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 5,779.93 | 418.18 |
| 23 13 23 13-0013 | EA | 350 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 6,475.53 | 487.88 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 13 23 13-0014 | EA | 400 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 7,191.70 | 557.58 |
| 23 13 23 13-0015 | EA | 450 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 7,980.08 | 592.43 |
| 23 13 23 13-0016 | EA | 500 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 8,773.60 | 627.27 |
| 23 13 23 13-0017 | EA | 550 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 9,675.14 | 662.12 |
| 23 13 23 13-0018 | EA | 600 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 10,463.52 | 696.97 |
| 23 13 23 13-0019 | EA | 700 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 11,655.86 | 836.36 |
| 23 13 23 13-0020 | EA | 800 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 12,572.61 | 906.06 |
| 23 13 23 13-0021 | EA | 900 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 13,800.95 | 1,045.45 |
| 23 13 23 13-0022 | EA | 1,000 Gallon Double Wall Steel Day Tank (Tramont TRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 15,034.44 | 1,184.85 |
| 23 13 23 13-0023 | EA | 10 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,430.64 | 139.40 |
| 23 13 23 13-0024 | EA | 15 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,519.39 | 146.37 |
| 23 13 23 13-0025 | EA | 25 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,627.68 | 156.82 |
| 23 13 23 13-0026 | EA | 50 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 1,830.24 | 167.27 |
| 23 13 23 13-0027 | EA | 60 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 2,011.59 | 174.24 |
| 23 13 23 13-0028 | EA | 75 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 2,328.53 | 209.09 |
| 23 13 23 13-0029 | EA | 100 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 3,068.91 | 243.94 |
| 23 13 23 13-0030 | EA | 150 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 3,809.29 | 278.78 |
| 23 13 23 13-0031 | EA | 200 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 4,806.81 | 313.63 |
| 23 13 23 13-0032 | EA | 275 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 5,326.04 | 348.49 |
| 23 13 23 13-0033 | EA | 300 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 6,055.93 | 418.18 |
| 23 13 23 13-0034 | EA | 350 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 6,751.53 | 487.88 |
| 23 13 23 13-0035 | EA | 400 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 7,467.71 | 557.58 |
| 23 13 23 13-0036 | EA | 450 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 8,256.09 | 592.43 |
| 23 13 23 13-0037 | EA | 500 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 9,049.61 | 627.27 |
| 23 13 23 13-0038 | EA | 550 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 9,952.86 | 662.12 |
| 23 13 23 13-0039 | EA | 600 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 10,741.24 | 696.97 |
| 23 13 23 13-0040 | EA | 700 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 11,931.86 | 836.36 |
| 23 13 23 13-0041 | EA | 800 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 12,848.61 | 906.06 |
| 23 13 23 13-0042 | EA | 900 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 14,076.95 | 1,045.45 |
| 23 13 23 13-0043 | EA | 1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX)<br>Note: Includes rust-inhibitor coated interior and gray painted exterior. | 15,310.45 | 1,184.85 |
| 23 13 23 13-0044 | EA | 10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 2,378.66 | 139.40 |
| 23 13 23 13-0045 | EA | 15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 2,457.13 | 146.37 |
| 23 13 23 13-0046 | EA | 25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 2,527.70 | 156.82 |
| 23 13 23 13-0047 | EA | 50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 2,798.83 | 167.27 |
| 23 13 23 13-0048 | EA | 60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 2,901.32 | 174.24 |
| 23 13 23 13-0049 | EA | 75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 3,206.26 | 209.09 |
| 23 13 23 13-0050 | EA | 100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 3,859.21 | 243.94 |
| 23 13 23 13-0051 | EA | 150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 4,870.45 | 278.78 |
| 23 13 23 13-0052 | EA | 200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 5,477.10 | 313.63 |
| 23 13 23 13-0053 | EA | 275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 7,158.65 | 348.49 |
| 23 13 23 13-0054 | EA | 300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 8,090.83 | 418.18 |
| 23 13 23 13-0055 | EA | 350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 8,652.72 | 487.88 |
| 23 13 23 13-0056 | EA | 400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 9,416.89 | 557.58 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 13 23 13-0057 | EA | 450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 10,169.27 | 592.43 |
| 23 13 23 13-0058 | EA | 500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 11,161.65 | 627.27 |
| 23 13 23 13-0059 | EA | 550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 11,574.61 | 662.12 |
| 23 13 23 13-0060 | EA | 600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 11,944.69 | 696.97 |
| 23 13 23 13-0061 | EA | 700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 13,663.33 | 836.36 |
| 23 13 23 13-0062 | EA | 800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 15,329.23 | 906.06 |
| 23 13 23 13-0063 | EA | 900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 17,150.73 | 1,045.45 |
| 23 13 23 13-0064 | EA | 1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 19,001.38 | 1,184.85 |
| 23 13 23 13-0065 | EA | 10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 3,510.11 | 139.40 |
| 23 13 23 13-0066 | EA | 15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 3,588.58 | 146.37 |
| 23 13 23 13-0067 | EA | 25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 3,659.15 | 156.82 |
| 23 13 23 13-0068 | EA | 50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 3,930.28 | 167.27 |
| 23 13 23 13-0069 | EA | 60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 4,032.77 | 174.24 |
| 23 13 23 13-0070 | EA | 75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 4,337.71 | 209.09 |
| 23 13 23 13-0071 | EA | 100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 4,990.66 | 243.94 |
| 23 13 23 13-0072 | EA | 150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 6,001.90 | 278.78 |
| 23 13 23 13-0073 | EA | 200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 6,683.99 | 313.63 |
| 23 13 23 13-0074 | EA | 275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 7,895.80 | 348.49 |
| 23 13 23 13-0075 | EA | 300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 8,827.99 | 418.18 |
| 23 13 23 13-0076 | EA | 350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 9,391.59 | 487.88 |
| 23 13 23 13-0077 | EA | 400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 10,154.05 | 557.58 |
| 23 13 23 13-0078 | EA | 450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 10,908.14 | 592.43 |
| 23 13 23 13-0079 | EA | 500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 11,898.81 | 627.27 |
| 23 13 23 13-0080 | EA | 550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 12,311.76 | 662.12 |
| 23 13 23 13-0081 | EA | 600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 12,681.85 | 696.97 |
| 23 13 23 13-0082 | EA | 700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 14,400.49 | 836.36 |
| 23 13 23 13-0083 | EA | 800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 16,068.11 | 906.06 |
| 23 13 23 13-0084 | EA | 900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 17,887.89 | 1,045.45 |
| 23 13 23 13-0085 | EA | 1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)<br>Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior. | 19,738.53 | 1,184.85 |
| 23 13 23 13-0086 | EA | 10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 4,142.69 | 139.40 |
| 23 13 23 13-0087 | EA | 15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 4,229.73 | 146.37 |
| 23 13 23 13-0088 | EA | 25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 4,302.02 | 156.82 |
| 23 13 23 13-0089 | EA | 50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 4,581.72 | 167.27 |
| 23 13 23 13-0090 | EA | 60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 4,732.21 | 174.24 |
| 23 13 23 13-0091 | EA | 75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 5,009.73 | 209.09 |
| 23 13 23 13-0092 | EA | 100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 5,688.39 | 243.94 |
| 23 13 23 13-0093 | EA | 150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 6,747.63 | 278.78 |
| 23 13 23 13-0094 | EA | 200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 7,376.57 | 313.63 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 13 23 13-0095 | EA | 275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 9,123.26 | 348.49 |
| 23 13 23 13-0096 | EA | 300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 10,103.44 | 418.18 |
| 23 13 23 13-0097 | EA | 350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 10,612.18 | 487.88 |
| 23 13 23 13-0098 | EA | 400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 11,479.22 | 557.58 |
| 23 13 23 13-0099 | EA | 450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 12,389.31 | 592.43 |
| 23 13 23 13-0100 | EA | 500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 13,304.55 | 627.27 |
| 23 13 23 13-0101 | EA | 550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 13,767.22 | 662.12 |
| 23 13 23 13-0102 | EA | 600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 14,111.59 | 696.97 |
| 23 13 23 13-0103 | EA | 700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 15,907.37 | 836.36 |
| 23 13 23 13-0104 | EA | 800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 17,653.85 | 906.06 |
| 23 13 23 13-0105 | EA | 900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 19,555.92 | 1,045.45 |
| 23 13 23 13-0106 | EA | 1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 21,483.71 | 1,184.85 |
| 23 13 23 13-0107 | EA | 10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 5,274.15 | 139.40 |
| 23 13 23 13-0108 | EA | 15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 5,361.19 | 146.37 |
| 23 13 23 13-0109 | EA | 25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 5,433.47 | 156.82 |
| 23 13 23 13-0110 | EA | 50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 5,713.17 | 167.27 |
| 23 13 23 13-0111 | EA | 60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 5,863.66 | 174.24 |
| 23 13 23 13-0112 | EA | 75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 6,137.75 | 209.09 |
| 23 13 23 13-0113 | EA | 100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 6,819.84 | 243.94 |
| 23 13 23 13-0114 | EA | 150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 7,879.08 | 278.78 |
| 23 13 23 13-0115 | EA | 200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 8,508.02 | 313.63 |
| 23 13 23 13-0116 | EA | 275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 9,860.41 | 348.49 |
| 23 13 23 13-0117 | EA | 300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 10,840.60 | 418.18 |
| 23 13 23 13-0118 | EA | 350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 11,520.77 | 487.88 |
| 23 13 23 13-0119 | EA | 400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 12,216.37 | 557.58 |
| 23 13 23 13-0120 | EA | 450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 13,126.47 | 592.43 |
| 23 13 23 13-0121 | EA | 500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 14,041.71 | 627.27 |
| 23 13 23 13-0122 | EA | 550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 14,504.38 | 662.12 |
| 23 13 23 13-0123 | EA | 600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 14,850.47 | 696.97 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 13 23 13-0124 | EA | 700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 16,644.53 | 836.36 |
| 23 13 23 13-0125 | EA | 800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 18,391.01 | 906.06 |
| 23 13 23 13-0126 | EA | 900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 20,293.08 | 1,045.45 |
| 23 13 23 13-0127 | EA | 1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)<br>Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior. | 22,220.87 | 1,184.85 |
| 23 13 23 13-0128 | EA | 150% Containment Double Wall Open Top Basin For 10 Gallon Tank | 1,169.17 | 139.40 |
| 23 13 23 13-0129 | EA | 150% Containment Double Wall Open Top Basin For 15 Gallon Tank | 1,266.77 | 146.37 |
| 23 13 23 13-0130 | EA | 150% Containment Double Wall Open Top Basin For 25 Gallon Tank | 1,374.72 | 156.82 |
| 23 13 23 13-0131 | EA | 150% Containment Double Wall Open Top Basin For 50 Gallon Tank | 1,570.90 | 167.27 |
| 23 13 23 13-0132 | EA | 150% Containment Double Wall Open Top Basin For 60 Gallon Tank | 2,087.15 | 174.24 |
| 23 13 23 13-0133 | EA | 150% Containment Double Wall Open Top Basin For 75 Gallon Tank | 2,145.23 | 209.09 |
| 23 13 23 13-0134 | EA | 150% Containment Double Wall Open Top Basin For 100 Gallon Tank | 2,696.63 | 243.94 |
| 23 13 23 13-0135 | EA | 150% Containment Double Wall Open Top Basin For 150 Gallon Tank | 3,336.27 | 278.78 |
| 23 13 23 13-0136 | EA | 150% Containment Double Wall Open Top Basin For 200 Gallon Tank | 4,380.97 | 313.63 |
| 23 13 23 13-0137 | EA | 150% Containment Double Wall Open Top Basin For 275 Gallon Tank | 5,502.61 | 348.49 |
| 23 13 23 13-0138 | EA | 150% Containment Double Wall Open Top Basin For 300 Gallon Tank | 6,605.41 | 418.18 |
| 23 13 23 13-0139 | EA | 150% Containment Double Wall Open Top Basin For 350 Gallon Tank | 7,099.47 | 487.88 |
| 23 13 23 13-0140 | EA | 150% Containment Double Wall Open Top Basin For 400 Gallon Tank | 7,595.80 | 557.58 |
| 23 13 23 13-0141 | EA | 150% Containment Double Wall Open Top Basin For 450 Gallon Tank | 8,339.54 | 592.43 |
| 23 13 23 13-0142 | EA | 150% Containment Double Wall Open Top Basin For 500 Gallon Tank | 9,085.54 | 627.27 |
| 23 13 23 13-0143 | EA | 150% Containment Double Wall Open Top Basin For 550 Gallon Tank | 9,734.27 | 662.12 |
| 23 13 23 13-0144 | EA | 150% Containment Double Wall Open Top Basin For 600 Gallon Tank | 10,389.74 | 696.97 |
| 23 13 23 13-0145 | EA | 150% Containment Double Wall Open Top Basin For 700 Gallon Tank | 11,758.03 | 836.36 |
| 23 13 23 13-0146 | EA | 150% Containment Double Wall Open Top Basin For 800 Gallon Tank | 13,050.90 | 906.06 |
| 23 13 23 13-0147 | EA | 150% Containment Double Wall Open Top Basin For 900 Gallon Tank | 14,496.14 | 1,045.45 |
| 23 13 23 13-0148 | EA | 150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank | 15,891.60 | 1,184.85 |
| 23 13 23 13-0149 | EA | 200% Containment Double Wall Open Top Basin For 10 Gallon Tank | 1,232.83 | 146.37 |
| 23 13 23 13-0150 | EA | 200% Containment Double Wall Open Top Basin For 15 Gallon Tank | 1,341.03 | 156.82 |
| 23 13 23 13-0151 | EA | 200% Containment Double Wall Open Top Basin For 25 Gallon Tank | 1,453.98 | 167.27 |
| 23 13 23 13-0152 | EA | 200% Containment Double Wall Open Top Basin For 50 Gallon Tank | 1,654.31 | 174.24 |
| 23 13 23 13-0153 | EA | 200% Containment Double Wall Open Top Basin For 60 Gallon Tank | 2,245.05 | 209.09 |
| 23 13 23 13-0154 | EA | 200% Containment Double Wall Open Top Basin For 75 Gallon Tank | 2,303.13 | 243.94 |
| 23 13 23 13-0155 | EA | 200% Containment Double Wall Open Top Basin For 100 Gallon Tank | 2,881.93 | 278.78 |
| 23 13 23 13-0156 | EA | 200% Containment Double Wall Open Top Basin For 150 Gallon Tank | 3,553.88 | 313.63 |
| 23 13 23 13-0157 | EA | 200% Containment Double Wall Open Top Basin For 200 Gallon Tank | 4,653.40 | 348.49 |
| 23 13 23 13-0158 | EA | 200% Containment Double Wall Open Top Basin For 275 Gallon Tank | 5,834.14 | 383.33 |
| 23 13 23 13-0159 | EA | 200% Containment Double Wall Open Top Basin For 300 Gallon Tank | 6,991.73 | 453.03 |
| 23 13 23 13-0160 | EA | 200% Containment Double Wall Open Top Basin For 350 Gallon Tank | 7,506.79 | 522.72 |
| 23 13 23 13-0161 | EA | 200% Containment Double Wall Open Top Basin For 400 Gallon Tank | 8,024.24 | 592.43 |
| 23 13 23 13-0162 | EA | 200% Containment Double Wall Open Top Basin For 450 Gallon Tank | 8,806.07 | 627.27 |
| 23 13 23 13-0163 | EA | 200% Containment Double Wall Open Top Basin For 500 Gallon Tank | 9,590.30 | 662.12 |
| 23 13 23 13-0164 | EA | 200% Containment Double Wall Open Top Basin For 550 Gallon Tank | 10,271.83 | 696.97 |
| 23 13 23 13-0165 | EA | 200% Containment Double Wall Open Top Basin For 600 Gallon Tank | 11,018.57 | 766.67 |
| 23 13 23 13-0166 | EA | 200% Containment Double Wall Open Top Basin For 700 Gallon Tank | 12,449.98 | 906.06 |
| 23 13 23 13-0167 | EA | 200% Containment Double Wall Open Top Basin For 800 Gallon Tank | 13,924.38 | 1,045.45 |
| 23 13 23 13-0168 | EA | 200% Containment Double Wall Open Top Basin For 900 Gallon Tank | 15,437.01 | 1,184.85 |
| 23 13 23 13-0169 | EA | 200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank | 16,897.08 | 1,324.24 |
| 23 13 23 13-0170 | EA | 150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank | 1,347.94 | 139.40 |
| 23 13 23 13-0171 | EA | 150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank | 1,468.17 | 146.37 |
| 23 13 23 13-0172 | EA | 150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank | 1,589.69 | 156.82 |
| 23 13 23 13-0173 | EA | 150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank | 1,831.13 | 167.27 |
| 23 13 23 13-0174 | EA | 150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank | 2,444.69 | 174.24 |
| 23 13 23 13-0175 | EA | 150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank | 2,502.77 | 209.09 |
| 23 13 23 13-0176 | EA | 150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank | 3,135.63 | 243.94 |
| 23 13 23 13-0177 | EA | 150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank | 3,881.63 | 278.78 |
| 23 13 23 13-0178 | EA | 150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank | 5,111.27 | 313.63 |
| 23 13 23 13-0179 | EA | 150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank | 6,489.24 | 348.49 |
| 23 13 23 13-0180 | EA | 150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank | 7,793.43 | 418.18 |
| 23 13 23 13-0181 | EA | 150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank | 8,357.65 | 487.88 |
| 23 13 23 13-0182 | EA | 150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank | 8,926.39 | 557.58 |
| 23 13 23 13-0183 | EA | 150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank | 9,812.69 | 592.43 |
| 23 13 23 13-0184 | EA | 150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank | 10,701.25 | 627.27 |
| 23 13 23 13-0185 | EA | 150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank | 11,456.32 | 662.12 |
| 23 13 23 13-0186 | EA | 150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank | 12,229.48 | 696.97 |
| 23 13 23 13-0187 | EA | 150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank | 13,835.38 | 836.36 |
| 23 13 23 13-0188 | EA | 150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank | 15,368.11 | 906.06 |
| 23 13 23 13-0189 | EA | 150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank | 17,050.95 | 1,045.45 |
| 23 13 23 13-0190 | EA | 150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank | 18,684.02 | 1,184.85 |
| 23 13 23 13-0191 | EA | 200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank | 1,421.53 | 146.37 |
| 23 13 23 13-0192 | EA | 200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank | 1,553.61 | 156.82 |
| 23 13 23 13-0193 | EA | 200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank | 1,680.90 | 167.27 |
| 23 13 23 13-0194 | EA | 200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank | 1,929.00 | 174.24 |
| 23 13 23 13-0195 | EA | 200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank | 2,622.46 | 209.09 |
| 23 13 23 13-0196 | EA | 200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank | 2,680.54 | 243.94 |
| 23 13 23 13-0197 | EA | 200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank | 3,345.32 | 278.78 |
| 23 13 23 13-0198 | EA | 200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank | 4,129.54 | 313.63 |
| 23 13 23 13-0199 | EA | 200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank | 5,424.27 | 348.49 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 13 23 13-0200 | EA | 200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank | 6,875.57 | 383.33 |
| 23 13 23 13-0201 | EA | 200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank | 8,245.76 | 453.03 |
| 23 13 23 13-0202 | EA | 200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank | 8,834.87 | 522.72 |
| 23 13 23 13-0203 | EA | 200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank | 9,428.75 | 592.43 |
| 23 13 23 13-0204 | EA | 200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank | 10,361.06 | 627.27 |
| 23 13 23 13-0205 | EA | 200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank | 11,295.78 | 662.12 |
| 23 13 23 13-0206 | EA | 200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank | 12,089.55 | 696.97 |
| 23 13 23 13-0207 | EA | 200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank | 12,960.52 | 766.67 |
| 23 13 23 13-0208 | EA | 200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank | 14,642.73 | 906.06 |
| 23 13 23 13-0209 | EA | 200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank | 16,370.32 | 1,045.45 |
| 23 13 23 13-0210 | EA | 200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank | 18,133.76 | 1,184.85 |
| 23 13 23 13-0211 | EA | 200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank | 19,844.63 | 1,324.24 |

## 23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

### 23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

| | | | | |
|---|---|---|---|---|
| 23 13 23 16-0002 | EA | 300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 4,358.91 | 757.60 |
| 23 13 23 16-0003 | EA | 550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 5,241.32 | 917.09 |
| 23 13 23 16-0004 | EA | 1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 6,975.99 | 1,188.32 |
| 23 13 23 16-0005 | EA | 1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 9,013.01 | 1,485.39 |
| 23 13 23 16-0006 | EA | 2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 10,809.18 | 1,962.68 |
| 23 13 23 16-0007 | EA | 3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 16,220.29 | 2,020.39 |
| 23 13 23 16-0008 | EA | 5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 23,544.80 | 2,497.94 |
| 23 13 23 16-0009 | EA | 8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 32,285.13 | 2,862.16 |
| 23 13 23 16-0010 | EA | 10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 38,455.37 | 3,122.34 |
| 23 13 23 16-0011 | EA | 12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 44,623.78 | 3,434.60 |
| 23 13 23 16-0012 | EA | 15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 49,399.99 | 3,816.19 |
| 23 13 23 16-0013 | EA | 20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 61,716.82 | 4,906.53 |
| 23 13 23 16-0014 | EA | 30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 84,225.33 | 5,724.33 |

### 23 13 23 16-0015 Double Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

| | | | | |
|---|---|---|---|---|
| 23 13 23 16-0016 | EA | 300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 6,868.30 | 945.33 |
| 23 13 23 16-0017 | EA | 550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 8,254.66 | 1,143.96 |
| 23 13 23 16-0018 | EA | 1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 11,009.17 | 1,485.39 |
| 23 13 23 16-0019 | EA | 1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 14,252.16 | 1,856.74 |
| 23 13 23 16-0020 | EA | 2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 16,938.15 | 2,453.32 |
| 23 13 23 16-0021 | EA | 3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 25,965.31 | 2,525.42 |
| 23 13 23 16-0022 | EA | 5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings | 37,932.11 | 3,111.05 |
| 23 13 23 16-0023 | EA | 8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 52,368.51 | 3,577.73 |
| 23 13 23 16-0024 | EA | 10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 62,546.97 | 3,902.98 |
| 23 13 23 16-0025 | EA | 12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 72,691.51 | 4,293.20 |
| 23 13 23 16-0026 | EA | 15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 80,463.58 | 4,770.31 |
| 23 13 23 16-0027 | EA | 20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 100,443.18 | 6,133.19 |
| 23 13 23 16-0028 | EA | 30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings | 137,651.13 | 7,155.36 |

## 23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

### 23 13 23 19-0001 Secondary Containment For Above Ground Tanks *(23 13 23 19)*

| | | | |
|---|---|---|---|
| 23 13 23 19-0002 | EA | Steel Dike For 550 Gallon Tank, Uncoated | 4,730.59 |
| 23 13 23 19-0003 | EA | Steel Dike For 1,000 Gallon Tank, Uncoated | 5,716.58 |
| 23 13 23 19-0004 | EA | Steel Dike For 2,000 Gallon Tank, Uncoated | 12,471.27 |
| 23 13 23 19-0005 | EA | Steel Dike For 3,000 Gallon Tank, Uncoated | 13,656.60 |
| 23 13 23 19-0006 | EA | Steel Dike For 5,000 Gallon Tank, Uncoated | 19,399.88 |
| 23 13 23 19-0007 | EA | Steel Dike For 6,000 Gallon Tank, Uncoated | 21,734.40 |
| 23 13 23 19-0008 | EA | Steel Dike For 8,000 Gallon Tank, Uncoated | 28,688.40 |
| 23 13 23 19-0009 | EA | Steel Dike For 10,000 Gallon Tank, Uncoated | 33,669.24 |
| 23 13 23 19-0010 | EA | Steel Dike For 12,000 Gallon Tank, Uncoated | 38,251.24 |
| 23 13 23 19-0011 | EA | Steel Dike For 15,000 Gallon Tank, Uncoated | 46,577.90 |
| 23 13 23 19-0012 | EA | Steel Dike For 20,000 Gallon Tank, Uncoated | 59,624.52 |

## 23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

### 23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)*

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 13 23 26-0002 | EA | 500 Gallon Concrete Vaulted Storage Tank | 26,298.15 | 1,485.56 |
| | | *For Low Profile Tanks, Add* | *9,690.12* | |
| 23 13 23 26-0003 | EA | 1,000 Gallon Concrete Vaulted Storage Tank | 33,114.64 | 1,677.04 |
| | | *For Low Profile Tanks, Add* | *12,309.83* | |
| 23 13 23 26-0004 | EA | 2,000 Gallon Concrete Vaulted Storage Tank | 58,719.75 | 1,996.86 |
| | | *For Low Profile Tanks, Add* | *22,373.37* | |
| 23 13 23 26-0005 | EA | 4,000 Gallon Concrete Vaulted Storage Tank | 93,078.08 | 4,392.13 |
| 23 13 23 26-0006 | EA | 5,000 Gallon Concrete Vaulted Storage Tank | 106,327.38 | 4,796.93 |
| 23 13 23 26-0007 | EA | 6,000 Gallon Concrete Vaulted Storage Tank | 119,661.87 | 5,180.33 |
| 23 13 23 26-0008 | EA | 8,000 Gallon Concrete Vaulted Storage Tank | 132,974.23 | 5,621.35 |
| 23 13 23 26-0009 | EA | 10,000 Gallon Concrete Vaulted Storage Tank | 146,279.61 | 5,983.65 |

## 23 13 33 Facility Fuel-Oil, Storage Tank Accessories *(23 13)*

### 23 13 33 00-0001 EPA Requirements *(23 13 33)*

| | | | | |
|---|---|---|---|---|
| 23 13 33 00-0002 | EA | Fill Pipe Spill Containment Manhole (5 Gallon) | 928.70 | |
| 23 13 33 00-0003 | EA | Over-Fill Prevention Valve | 1,367.74 | |
| 23 13 33 00-0004 | EA | Tank Manway With Cover, Fiberglass | 4,071.89 | |
| 23 13 33 00-0005 | EA | Tank Manway With Cover, Steel | 2,823.06 | |
| 23 13 33 00-0006 | EA | Vent Fill Alarm (Whistle Vent) | 135.90 | |
| 23 13 33 00-0007 | EA | Reservoir Sensor, Liquid Level | 368.23 | |
| 23 13 33 00-0008 | EA | Manhole Spill Containment | 1,383.87 | 277.55 |
| 23 13 33 00-0009 | EA | Fill Adapter, 4" | 320.51 | 185.07 |
| 23 13 33 00-0010 | EA | Fill Cap, 4" | 215.20 | 69.39 |
| 23 13 33 00-0011 | EA | 2" Vent Cap | 131.31 | 46.29 |
| 23 13 33 00-0012 | EA | 4" x 2" Extractor Fitting | 405.92 | 69.39 |
| 23 13 33 00-0013 | EA | Float Vent Valve | 412.61 | 138.78 |
| 23 13 33 00-0014 | EA | Vapor Hose Adapter | 400.26 | 92.48 |
| 23 13 33 00-0015 | EA | Dust Cap | 177.35 | 50.52 |
| 23 13 33 00-0016 | EA | 1" Double Poppet Foot Valve | 460.43 | 79.27 |
| 23 13 33 00-0017 | EA | 10' Wood Gage Stick | 37.71 | |
| 23 13 33 00-0018 | EA | 1-1/4" Tank Filled Breather, NPT | 140.84 | |
| 23 13 33 00-0019 | EA | 1-1/2" Tank Filled Breather, Bayonet | 187.97 | |
| 23 13 33 00-0020 | EA | 2" Cast Iron Combination Fill Cap And Vent | 94.20 | |
| 23 13 33 00-0021 | EA | 3" Cast Iron Combination Fill Cap And Vent | 129.22 | |
| 23 13 33 00-0022 | EA | 4" Cast Iron Combination Fill Cap And Vent | 206.95 | |
| 23 13 33 00-0023 | EA | Pressure And Vacuum Control Vent | 816.45 | |
| 23 13 33 00-0024 | EA | 1/4 HP Fuel/Diesel Pump Set | 1,697.95 | |
| 23 13 33 00-0025 | EA | 1/3 HP Fuel/Diesel Pump Set | 2,007.75 | |
| 23 13 33 00-0026 | EA | 1/2 HP Fuel/Diesel Pump Set | 2,188.75 | |
| 23 13 33 00-0027 | EA | 3/4 HP Fuel/Diesel Pump Set | 2,399.56 | |
| 23 13 33 00-0028 | EA | 1 HP Fuel/Diesel Pump Set | 3,427.51 | |
| 23 13 33 00-0029 | EA | 1-1/2 HP Fuel/Diesel Pump Set | 4,230.43 | |
| 23 13 33 00-0030 | EA | 2 HP Fuel/Diesel Pump Set | 4,683.91 | |
| 23 13 33 00-0031 | EA | 3 HP Fuel/Diesel Pump Set | 5,753.73 | |
| 23 13 33 00-0032 | EA | 5 HP Fuel/Diesel Pump Set | 6,809.37 | |
| 23 13 33 00-0033 | EA | 7.5 HP Fuel/Diesel Pump Set | 7,622.36 | |
| 23 13 33 00-0034 | EA | 10 HP Fuel/Diesel Pump Set | 8,802.35 | |

### 23 13 33 00-0035 Tank Bulkhead Fittings *(23 13 33)*

### 23 13 33 00-0036 Tank Bulkhead Fittings *(23 13 33 00-0035)*

### 23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*

| | | | | |
|---|---|---|---|---|
| 23 13 33 00-0038 | EA | 1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread | 42.18 | |
| 23 13 33 00-0039 | EA | 3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread | 47.09 | |
| 23 13 33 00-0040 | EA | 1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread | 51.73 | |
| 23 13 33 00-0041 | EA | 1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread | 61.80 | |
| 23 13 33 00-0042 | EA | 1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread | 64.12 | |
| 23 13 33 00-0043 | EA | 2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread | 82.59 | |
| 23 13 33 00-0044 | EA | 3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread | 127.25 | |
| 23 13 33 00-0045 | EA | 4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread | 217.33 | |

### 23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*

| | | | | |
|---|---|---|---|---|
| 23 13 33 00-0047 | EA | 1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread | 48.28 | |
| 23 13 33 00-0048 | EA | 3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread | 53.17 | |
| 23 13 33 00-0049 | EA | 1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread | 58.05 | |
| 23 13 33 00-0050 | EA | 1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread | 71.62 | |
| 23 13 33 00-0051 | EA | 1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread | 76.52 | |
| 23 13 33 00-0052 | EA | 2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread | 93.82 | |
| 23 13 33 00-0053 | EA | 3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread | 142.23 | |
| 23 13 33 00-0054 | EA | 4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread | 238.62 | |

### 23 13 33 00-0055 Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*

| | | | | |
|---|---|---|---|---|
| 23 13 33 00-0056 | EA | 1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread | 49.67 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 13 33 00-0057 | EA | 3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread | 57.16 | |
| 23 13 33 00-0058 | EA | 1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread | 64.38 | |
| 23 13 33 00-0059 | EA | 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread | 82.60 | |
| 23 13 33 00-0060 | EA | 2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread | 106.45 | |
| 23 13 33 00-0061 | EA | 3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread | 162.59 | |
| 23 13 33 00-0062 | EA | 4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread | 251.27 | |
| 23 13 33 00-0063 | | Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)* | | |
| 23 13 33 00-0064 | EA | 1/2" Polypropylene Bulkhead Fitting, Thread x Thread | 57.41 | |
| 23 13 33 00-0065 | EA | 3/4" Polypropylene Bulkhead Fitting, Thread x Thread | 67.45 | |
| 23 13 33 00-0066 | EA | 1" Polypropylene Bulkhead Fitting, Thread x Thread | 82.39 | |
| 23 13 33 00-0067 | EA | 1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread | 99.70 | |
| 23 13 33 00-0068 | EA | 1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread | 102.02 | |
| 23 13 33 00-0069 | EA | 2" Polypropylene Bulkhead Fitting, Thread x Thread | 143.66 | |
| 23 13 33 00-0070 | EA | 3" Polypropylene Bulkhead Fitting, Thread x Thread | 252.44 | |
| 23 13 33 00-0071 | EA | 4" Polypropylene Bulkhead Fitting, Thread x Thread | 445.50 | |
| 23 13 33 00-0072 | | Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)* | | |
| 23 13 33 00-0073 | EA | 3/4" Polyethylene Bulkhead Fitting, Thread x Thread | 51.53 | |
| 23 13 33 00-0074 | EA | 1" Polyethylene Bulkhead Fitting, Thread x Thread | 65.47 | |
| 23 13 33 00-0075 | EA | 1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread | 67.80 | |
| 23 13 33 00-0076 | EA | 1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread | 70.12 | |
| 23 13 33 00-0077 | EA | 2" Polyethylene Bulkhead Fitting, Thread x Thread | 95.69 | |
| 23 13 33 00-0078 | EA | 3" Polyethylene Bulkhead Fitting, Thread x Thread | 119.83 | |
| 23 13 33 00-0079 | | TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)* | | |
| 23 13 33 00-0080 | EA | 1/8" TFE Teflon Bulkhead Fitting, Thread x Thread | 203.27 | |
| 23 13 33 00-0081 | EA | 1/4" TFE Teflon Bulkhead Fitting, Thread x Thread | 232.32 | |
| 23 13 33 00-0082 | EA | 3/8" TFE Teflon Bulkhead Fitting, Thread x Thread | 284.94 | |
| 23 13 33 00-0083 | EA | 1/2" TFE Teflon Bulkhead Fitting, Thread x Thread | 328.14 | |
| 23 13 33 00-0084 | EA | 3/4" TFE Teflon Bulkhead Fitting, Thread x Thread | 377.88 | |
| 23 13 33 00-0085 | EA | 1" TFE Teflon Bulkhead Fitting, Thread x Thread | 475.14 | |
| 23 13 33 00-0086 | EA | 1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread | 616.52 | |
| 23 13 33 00-0087 | EA | 2" TFE Teflon Bulkhead Fitting, Thread x Thread | 680.96 | |
| 23 13 33 00-0088 | | Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)* | | |
| 23 13 33 00-0089 | EA | 3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting | 209.54 | |
| 23 13 33 00-0090 | EA | 1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting | 210.29 | |
| 23 13 33 00-0091 | EA | 1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting | 305.31 | |
| 23 13 33 00-0092 | EA | 2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting | 312.02 | |
| 23 13 33 00-0093 | EA | 3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting | 418.96 | |

# 23 20 HVAC Piping and Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

## 23 21 Hydronic Piping and Pumps *(23 20)*

### 23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

### 23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0001 | | Threaded Black Steel Pipe *(23 21 13 23)* | | |
| 23 21 13 23-0002 | | Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*<br>Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | | |
| 23 21 13 23-0003 | LF | 1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 18.88 | 4.28 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *4.44* | |
| | | *For Work In Restricted Working Space, Add* | *4.42* | |
| 23 21 13 23-0004 | LF | 3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 20.40 | 4.59 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *4.88* | |
| | | *For Work In Restricted Working Space, Add* | *4.62* | |
| 23 21 13 23-0005 | LF | 1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 22.27 | 5.03 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *5.42* | |
| | | *For Work In Restricted Working Space, Add* | *4.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0006 | LF | 1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 26.20 | 5.24 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *6.63* | |
| | | *For Work In Restricted Working Space, Add* | *5.26* | |
| 23 21 13 23-0007 | LF | 1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 27.54 | 6.21 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *7.07* | |
| | | *For Work In Restricted Working Space, Add* | *5.33* | |
| 23 21 13 23-0008 | LF | 2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 32.53 | 7.48 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *8.51* | |
| | | *For Work In Restricted Working Space, Add* | *6.01* | |
| 23 21 13 23-0009 | LF | 2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 46.36 | 8.87 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *12.72* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| 23 21 13 23-0010 | LF | 3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 58.58 | 11.87 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *16.22* | |
| | | *For Work In Restricted Working Space, Add* | *9.13* | |
| 23 21 13 23-0011 | LF | 4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 78.31 | 12.78 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *23.27* | |
| | | *For Work In Restricted Working Space, Add* | *9.24* | |
| 23 21 13 23-0012 | LF | 5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 124.66 | 16.34 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *39.01* | |
| | | *For Work In Restricted Working Space, Add* | *11.00* | |
| 23 21 13 23-0013 | LF | 6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 148.02 | 19.32 |
| | | *For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add* | *46.64* | |
| | | *For Work In Restricted Working Space, Add* | *12.47* | |

### 23 21 13 23-0014 Threaded Black Steel Pipe And Fittings *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

### 23 21 13 23-0015 Threaded And Coupled, Black Steel Piping *(23 21 13 23-0014)*

Note: ASTM A-53. Includes coupling.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0016 | LF | 3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe | 6.75 | 2.67 |
| | | *For Schedule 80 Pipe, Add* | *1.15* | |
| | | *For Work In Restricted Working Space, Add* | *1.62* | |
| 23 21 13 23-0017 | LF | 1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe | 8.73 | 4.28 |
| | | *For Schedule 80 Pipe, Add* | *1.66* | |
| | | *For Work In Restricted Working Space, Add* | *1.94* | |
| 23 21 13 23-0018 | LF | 3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe | 9.82 | 4.59 |
| | | *For Schedule 80 Pipe, Add* | *2.00* | |
| | | *For Work In Restricted Working Space, Add* | *2.07* | |
| 23 21 13 23-0019 | LF | 1" Schedule 40, Threaded And Coupled, Black Steel Pipe | 11.36 | 5.03 |
| | | *For Schedule 80 Pipe, Add* | *2.50* | |
| | | *For Work In Restricted Working Space, Add* | *2.24* | |
| 23 21 13 23-0020 | LF | 1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe | 13.13 | 5.24 |
| | | *For Schedule 80 Pipe, Add* | *3.14* | |
| | | *For Work In Restricted Working Space, Add* | *2.38* | |
| 23 21 13 23-0021 | LF | 1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe | 15.53 | 6.21 |
| | | *For Schedule 80 Pipe, Add* | *3.73* | |
| | | *For Work In Restricted Working Space, Add* | *2.79* | |
| 23 21 13 23-0022 | LF | 2" Schedule 40, Threaded And Coupled, Black Steel Pipe | 19.41 | 7.48 |
| | | *For Schedule 80 Pipe, Add* | *4.80* | |
| | | *For Work In Restricted Working Space, Add* | *3.38* | |
| 23 21 13 23-0023 | LF | 2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe | 26.26 | 8.87 |
| | | *For Schedule 80 Pipe, Add* | *7.14* | |
| | | *For Work In Restricted Working Space, Add* | *4.01* | |
| 23 21 13 23-0024 | LF | 3" Schedule 40, Threaded And Coupled, Black Steel Pipe | 34.70 | 11.87 |
| | | *For Schedule 80 Pipe, Add* | *9.38* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0025 | LF | 4" Schedule 40, Threaded And Coupled, Black Steel Pipe | 44.46 | 12.78 |
| | | *For Schedule 80 Pipe, Add* | *13.28* | |
| | | *For Work In Restricted Working Space, Add* | *5.77* | |
| 23 21 13 23-0026 | LF | 5" Schedule 40, Threaded And Coupled, Black Steel Pipe | 58.00 | 16.34 |
| | | *For Schedule 80 Pipe, Add* | *17.54* | |
| | | *For Work In Restricted Working Space, Add* | *7.34* | |
| 23 21 13 23-0027 | LF | 6" Schedule 40, Threaded And Coupled, Black Steel Pipe | 73.16 | 19.32 |
| | | *For Schedule 80 Pipe, Add* | *22.79* | |
| | | *For Work In Restricted Working Space, Add* | *8.68* | |
| 23 21 13 23-0028 | LF | 8" Schedule 40, Threaded And Coupled, Black Steel Pipe | 100.54 | 23.36 |
| | | *For Schedule 80 Pipe, Add* | *33.01* | |
| | | *For Work In Restricted Working Space, Add* | *10.49* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0029 | LF | 10" Schedule 40, Threaded And Coupled, Black Steel Pipe | 135.55 | 28.46 |
| | | *For Schedule 80 Pipe, Add* | *46.05* | |
| | | *For Work In Restricted Working Space, Add* | *12.82* | |
| 23 21 13 23-0030 | LF | 12" Schedule 40, Threaded And Coupled, Black Steel Pipe | 180.89 | 37.40 |
| | | *For Schedule 80 Pipe, Add* | *61.77* | |
| | | *For Work In Restricted Working Space, Add* | *16.82* | |

## 23 21 13 23-0031 Black Malleable Iron 90 Degree Elbows *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0032 | EA | 3/8", 150 LB, Black Malleable Iron 90 Degree Elbow | 29.06 | 15.83 |
| | | *For 300 LB Rating, Add* | *14.15* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.08* | |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 21 13 23-0033 | EA | 1/2", 150 LB, Black Malleable Iron 90 Degree Elbow | 32.19 | 19.03 |
| | | *For 300 LB Rating, Add* | *10.52* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.06* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0034 | EA | 3/4", 150 LB, Black Malleable Iron 90 Degree Elbow | 36.35 | 21.28 |
| | | *For 300 LB Rating, Add* | *12.55* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.07* | |
| | | *For Work In Restricted Working Space, Add* | *9.58* | |
| 23 21 13 23-0035 | EA | 1", 150 LB, Black Malleable Iron 90 Degree Elbow | 43.33 | 23.73 |
| | | *For 300 LB Rating, Add* | *20.59* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.12* | |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0036 | EA | 1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow | 53.03 | 26.95 |
| | | *For 300 LB Rating, Add* | *32.88* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.20* | |
| | | *For Work In Restricted Working Space, Add* | *12.10* | |
| 23 21 13 23-0037 | EA | 1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow | 62.19 | 30.37 |
| | | *For 300 LB Rating, Add* | *42.79* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.27* | |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| 23 21 13 23-0038 | EA | 2", 150 LB, Black Malleable Iron 90 Degree Elbow | 86.58 | 38.60 |
| | | *For 300 LB Rating, Add* | *72.54* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.46* | |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0039 | EA | 2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow | 149.66 | 57.10 |
| | | *For 300 LB Rating, Add* | *159.02* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.03* | |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0040 | EA | 3", 150 LB, Black Malleable Iron 90 Degree Elbow | 206.37 | 75.06 |
| | | *For 300 LB Rating, Add* | *231.92* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.50* | |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 23 21 13 23-0041 | EA | 4", 150 LB, Black Malleable Iron 90 Degree Elbow | 313.68 | 74.79 |
| | | *For 300 LB Rating, Add* | *490.38* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *3.22* | |
| | | *For Work In Restricted Working Space, Add* | *33.65* | |
| 23 21 13 23-0042 | EA | 5", 150 LB, Black Malleable Iron 90 Degree Elbow | 705.91 | 78.06 |
| | | *For 300 LB Rating, Add* | *1,420.31* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *9.42* | |
| | | *For Work In Restricted Working Space, Add* | *35.11* | |
| 23 21 13 23-0043 | EA | 6", 150 LB, Black Malleable Iron 90 Degree Elbow | 802.59 | 81.62 |
| | | *For 300 LB Rating, Add* | *1,639.89* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *10.88* | |
| | | *For Work In Restricted Working Space, Add* | *36.71* | |

## 23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0045 | EA | 1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 33.12 | 17.43 |
| | | *For 300 LB Rating, Add* | *18.34* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.11* | |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |
| 23 21 13 23-0046 | EA | 3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 37.42 | 20.11 |
| | | *For 300 LB Rating, Add* | *19.09* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.12* | |
| | | *For Work In Restricted Working Space, Add* | *9.07* | |
| 23 21 13 23-0047 | EA | 3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 37.90 | 18.61 |
| | | *For 300 LB Rating, Add* | *25.81* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.16* | |
| | | *For Work In Restricted Working Space, Add* | *8.35* | |
| 23 21 13 23-0048 | EA | 1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 43.03 | 22.56 |
| | | *For 300 LB Rating, Add* | *24.23* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.15* | |
| | | *For Work In Restricted Working Space, Add* | *10.13* | |
| 23 21 13 23-0049 | EA | 1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 42.05 | 21.39 |
| | | *For 300 LB Rating, Add* | *25.88* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.16* | |
| | | *For Work In Restricted Working Space, Add* | *9.62* | |
| 23 21 13 23-0050 | EA | 1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 49.34 | 19.78 |
| | | *For 300 LB Rating, Add* | *48.89* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.31* | |
| | | *For Work In Restricted Working Space, Add* | *8.91* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0051 | EA | 1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 53.52 | 25.34 |
| | | *For 300 LB Rating, Add* | *39.55* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.25* | |
| | | *For Work In Restricted Working Space, Add* | *11.40* | |
| 23 21 13 23-0052 | EA | 1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 53.47 | 24.06 |
| | | *For 300 LB Rating, Add* | *43.78* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.28* | |
| | | *For Work In Restricted Working Space, Add* | *10.84* | |
| 23 21 13 23-0053 | EA | 1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 54.68 | 22.99 |
| | | *For 300 LB Rating, Add* | *50.67* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.32* | |
| | | *For Work In Restricted Working Space, Add* | *10.33* | |
| 23 21 13 23-0054 | EA | 1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 64.84 | 28.66 |
| | | *For 300 LB Rating, Add* | *55.18* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.35* | |
| | | *For Work In Restricted Working Space, Add* | *12.88* | |
| 23 21 13 23-0055 | EA | 1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 62.49 | 27.05 |
| | | *For 300 LB Rating, Add* | *55.04* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.35* | |
| | | *For Work In Restricted Working Space, Add* | *12.17* | |
| 23 21 13 23-0056 | EA | 1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 63.78 | 25.77 |
| | | *For 300 LB Rating, Add* | *62.51* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.40* | |
| | | *For Work In Restricted Working Space, Add* | *11.61* | |
| 23 21 13 23-0057 | EA | 2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 83.41 | 34.43 |
| | | *For 300 LB Rating, Add* | *79.32* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.51* | |
| | | *For Work In Restricted Working Space, Add* | *15.50* | |
| 23 21 13 23-0058 | EA | 2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 85.16 | 32.72 |
| | | *For 300 LB Rating, Add* | *89.56* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.58* | |
| | | *For Work In Restricted Working Space, Add* | *14.72* | |
| 23 21 13 23-0059 | EA | 2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 82.80 | 31.12 |
| | | *For 300 LB Rating, Add* | *89.42* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.58* | |
| | | *For Work In Restricted Working Space, Add* | *14.01* | |
| 23 21 13 23-0060 | EA | 2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 83.12 | 29.94 |
| | | *For 300 LB Rating, Add* | *94.52* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.61* | |
| | | *For Work In Restricted Working Space, Add* | *13.46* | |
| 23 21 13 23-0061 | EA | 2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 158.82 | 47.80 |
| | | *For 300 LB Rating, Add* | *213.46* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.39* | |
| | | *For Work In Restricted Working Space, Add* | *21.50* | |
| 23 21 13 23-0062 | EA | 2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 157.81 | 43.73 |
| | | *For 300 LB Rating, Add* | *225.40* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *19.66* | |
| 23 21 13 23-0063 | EA | 3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 262.14 | 66.08 |
| | | *For 300 LB Rating, Add* | *397.38* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *2.61* | |
| | | *For Work In Restricted Working Space, Add* | *29.71* | |
| 23 21 13 23-0064 | EA | 3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 226.07 | 56.77 |
| | | *For 300 LB Rating, Add* | *343.25* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *2.25* | |
| | | *For Work In Restricted Working Space, Add* | *25.55* | |
| 23 21 13 23-0065 | EA | 4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow | 385.42 | 71.14 |
| | | *For 300 LB Rating, Add* | *675.38* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *4.46* | |
| | | *For Work In Restricted Working Space, Add* | *32.00* | |

### 23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0067 | EA | 3/8", 150 LB, Black Malleable Iron 45 Degree Elbow | 31.74 | 15.83 |
| | | *For 300 LB Rating, Add* | *20.58* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.13* | |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 21 13 23-0068 | EA | 1/2", 150 LB, Black Malleable Iron 45 Degree Elbow | 34.59 | 19.03 |
| | | *For 300 LB Rating, Add* | *16.28* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.10* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0069 | EA | 3/4", 150 LB, Black Malleable Iron 45 Degree Elbow | 39.42 | 21.28 |
| | | *For 300 LB Rating, Add* | *19.92* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.12* | |
| | | *For Work In Restricted Working Space, Add* | *9.58* | |
| 23 21 13 23-0070 | EA | 1", 150 LB, Black Malleable Iron 45 Degree Elbow | 45.08 | 23.73 |
| | | *For 300 LB Rating, Add* | *24.79* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.15* | |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0071 | EA | 1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow | 57.04 | 26.95 |
| | | *For 300 LB Rating, Add* | *42.50* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.10* | |
| 23 21 13 23-0072 | EA | 1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow | 66.17 | 30.37 |
| | | *For 300 LB Rating, Add* | *52.34* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.33* | |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0073 | EA | 2", 150 LB, Black Malleable Iron 45 Degree Elbow | 89.05 | 38.60 |
| | | *For 300 LB Rating, Add* | *78.47* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.50* | |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0074 | EA | 2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow | 175.95 | 57.10 |
| | | *For 300 LB Rating, Add* | *222.12* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.45* | |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0075 | EA | 3", 150 LB, Black Malleable Iron 45 Degree Elbow | 229.98 | 75.06 |
| | | *For 300 LB Rating, Add* | *288.59* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.88* | |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 23 21 13 23-0076 | EA | 4", 150 LB, Black Malleable Iron 45 Degree Elbow | 342.44 | 74.79 |
| | | *For 300 LB Rating, Add* | *559.40* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *3.68* | |
| | | *For Work In Restricted Working Space, Add* | *33.65* | |
| 23 21 13 23-0077 | EA | 5", 150 LB, Black Malleable Iron 45 Degree Elbow | 1,026.66 | 78.06 |
| | | *For 300 LB Rating, Add* | *2,190.11* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *14.55* | |
| | | *For Work In Restricted Working Space, Add* | *35.11* | |
| 23 21 13 23-0078 | EA | 6", 150 LB, Black Malleable Iron 45 Degree Elbow | 1,053.00 | 81.62 |
| | | *For 300 LB Rating, Add* | *2,240.88* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *14.89* | |
| | | *For Work In Restricted Working Space, Add* | *36.71* | |

### 23 21 13 23-0079 Black Malleable Iron Tees *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0080 | EA | 3/8", 150 LB, Black Malleable Iron Tee | 37.39 | 19.56 |
| | | *For 300 LB Rating, Add* | *20.24* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.12* | |
| | | *For Work In Restricted Working Space, Add* | *8.91* | |
| 23 21 13 23-0081 | EA | 1/2", 150 LB, Black Malleable Iron Tee | 40.55 | 23.73 |
| | | *For 300 LB Rating, Add* | *13.92* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.08* | |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0082 | EA | 3/4", 150 LB, Black Malleable Iron Tee | 48.16 | 27.48 |
| | | *For 300 LB Rating, Add* | *19.36* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.11* | |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 23 21 13 23-0083 | EA | 1", 150 LB, Black Malleable Iron Tee | 60.67 | 32.40 |
| | | *For 300 LB Rating, Add* | *31.88* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.19* | |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 23 21 13 23-0084 | EA | 1-1/4", 150 LB, Black Malleable Iron Tee | 77.34 | 38.60 |
| | | *For 300 LB Rating, Add* | *50.36* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.31* | |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0085 | EA | 1-1/2", 150 LB, Black Malleable Iron Tee | 93.28 | 45.98 |
| | | *For 300 LB Rating, Add* | *62.46* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.39* | |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 23 21 13 23-0086 | EA | 2", 150 LB, Black Malleable Iron Tee | 126.95 | 57.10 |
| | | *For 300 LB Rating, Add* | *104.52* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.66* | |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0087 | EA | 2-1/2", 150 LB, Black Malleable Iron Tee | 201.83 | 75.06 |
| | | *For 300 LB Rating, Add* | *221.03* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.43* | |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 23 21 13 23-0088 | EA | 3", 150 LB, Black Malleable Iron Tee | 265.17 | 89.17 |
| | | *For 300 LB Rating, Add* | *323.64* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *2.10* | |
| | | *For Work In Restricted Working Space, Add* | *40.10* | |
| 23 21 13 23-0089 | EA | 4", 150 LB, Black Malleable Iron Tee | 459.53 | 94.51 |
| | | *For 300 LB Rating, Add* | *771.34* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *5.09* | |
| | | *For Work In Restricted Working Space, Add* | *42.50* | |
| 23 21 13 23-0090 | EA | 5", 150 LB, Black Malleable Iron Tee | 1,131.45 | 112.19 |
| | | *For 300 LB Rating, Add* | *2,321.80* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *15.41* | |
| | | *For Work In Restricted Working Space, Add* | *50.47* | |
| 23 21 13 23-0091 | EA | 6", 150 LB, Black Malleable Iron Tee | 1,225.97 | 128.25 |
| | | *For 300 LB Rating, Add* | *2,492.39* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *16.54* | |
| | | *For Work In Restricted Working Space, Add* | *57.68* | |

### 23 21 13 23-0092 Black Malleable Iron Reducing Tees *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0093 | EA | 1/2", 150 LB, Black Malleable Iron Reducing Tee | 43.99 | 23.73 |
| | | *For 300 LB Rating, Add* | *22.18* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.13* | |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0094 | EA | 3/4", 150 LB, Black Malleable Iron Reducing Tee | 52.02 | 27.48 |
| | | *For 300 LB Rating, Add* | *28.63* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.17* | |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0095 | EA | 1", 150 LB, Black Malleable Iron Reducing Tee | 62.34 | 32.40 |
| | | *For 300 LB Rating, Add* | *35.89* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.22* | |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 23 21 13 23-0096 | EA | 1-1/4", 150 LB, Black Malleable Iron Reducing Tee | 84.82 | 38.60 |
| | | *For 300 LB Rating, Add* | *68.32* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.43* | |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0097 | EA | 1-1/2", 150 LB, Black Malleable Iron Reducing Tee | 98.92 | 45.98 |
| | | *For 300 LB Rating, Add* | *75.99* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.48* | |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 23 21 13 23-0098 | EA | 2", 150 LB, Black Malleable Iron Reducing Tee | 129.00 | 57.10 |
| | | *For 300 LB Rating, Add* | *109.44* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.70* | |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0099 | EA | 2-1/2", 150 LB, Black Malleable Iron Reducing Tee | 247.98 | 75.06 |
| | | *For 300 LB Rating, Add* | *331.79* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *2.17* | |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 23 21 13 23-0100 | EA | 3", 150 LB, Black Malleable Iron Reducing Tee | 288.78 | 89.17 |
| | | *For 300 LB Rating, Add* | *380.31* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *2.48* | |
| | | *For Work In Restricted Working Space, Add* | *40.10* | |
| 23 21 13 23-0101 | EA | 4", 150 LB, Black Malleable Iron Reducing Tee | 517.87 | 94.51 |
| | | *For 300 LB Rating, Add* | *911.36* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *6.02* | |
| | | *For Work In Restricted Working Space, Add* | *42.50* | |
| 23 21 13 23-0102 | EA | 5", 150 LB, Black Malleable Iron Reducing Tee | 1,040.81 | 112.19 |
| | | *For 300 LB Rating, Add* | *2,104.26* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *13.96* | |
| | | *For Work In Restricted Working Space, Add* | *50.47* | |
| 23 21 13 23-0103 | EA | 6", 150 LB, Black Malleable Iron Reducing Tee | 1,181.97 | 128.25 |
| | | *For 300 LB Rating, Add* | *2,386.79* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *15.84* | |
| | | *For Work In Restricted Working Space, Add* | *57.68* | |

### 23 21 13 23-0104 Black Malleable Iron Couplings *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0105 | EA | 3/8", 150 LB, Black Malleable Iron Coupling | 30.35 | 15.83 |
| | | *For 300 LB Rating, Add* | *17.24* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.11* | |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 21 13 23-0106 | EA | 1/2", 150 LB, Black Malleable Iron Coupling | 33.60 | 19.03 |
| | | *For 300 LB Rating, Add* | *13.90* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.08* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0107 | EA | 3/4", 150 LB, Black Malleable Iron Coupling | 37.86 | 21.28 |
| | | *For 300 LB Rating, Add* | *16.17* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.10* | |
| | | *For Work In Restricted Working Space, Add* | *9.58* | |
| 23 21 13 23-0108 | EA | 1", 150 LB, Black Malleable Iron Coupling | 44.54 | 23.73 |
| | | *For 300 LB Rating, Add* | *23.50* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.14* | |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0109 | EA | 1-1/4", 150 LB, Black Malleable Iron Coupling | 51.87 | 26.95 |
| | | *For 300 LB Rating, Add* | *30.09* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.18* | |
| | | *For Work In Restricted Working Space, Add* | *12.10* | |
| 23 21 13 23-0110 | EA | 1-1/2", 150 LB, Black Malleable Iron Coupling | 61.07 | 30.37 |
| | | *For 300 LB Rating, Add* | *40.10* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.25* | |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| 23 21 13 23-0111 | EA | 2", 150 LB, Black Malleable Iron Coupling | 80.89 | 38.60 |
| | | *For 300 LB Rating, Add* | *58.88* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.37* | |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0112 | EA | 2-1/2", 150 LB, Black Malleable Iron Coupling | 149.24 | 57.10 |
| | | *For 300 LB Rating, Add* | *158.01* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.02* | |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0113 | EA | 3", 150 LB, Black Malleable Iron Coupling | 198.68 | 75.06 |
| | | *For 300 LB Rating, Add* | *213.47* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.38* | |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 23 21 13 23-0114 | EA | 4", 150 LB, Black Malleable Iron Coupling | 285.62 | 74.79 |
| | | *For 300 LB Rating, Add* | *423.03* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *2.78* | |
| | | *For Work In Restricted Working Space, Add* | *33.65* | |
| 23 21 13 23-0115 | EA | 5", 150 LB, Black Malleable Iron Coupling | 605.46 | 78.06 |
| | | *For 300 LB Rating, Add* | *1,179.23* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *7.81* | |
| | | *For Work In Restricted Working Space, Add* | *35.11* | |
| 23 21 13 23-0116 | EA | 6", 150 LB, Black Malleable Iron Coupling | 678.79 | 81.62 |
| | | *For 300 LB Rating, Add* | *1,342.77* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *8.90* | |
| | | *For Work In Restricted Working Space, Add* | *36.71* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 21 13 23-0117** | | **Black Malleable Iron Reducing Couplings** *(23 21 13 23-0014)* | | |
| 23 21 13 23-0118 | EA | 1/2", 150 LB, Black Malleable Iron Reducing Coupling | 34.82 | 19.03 |
| | | *For 300 LB Rating, Add* | *16.83* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.10* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0119 | EA | 3/4", 150 LB, Black Malleable Iron Reducing Coupling | 38.59 | 21.28 |
| | | *For 300 LB Rating, Add* | *17.92* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.11* | |
| | | *For Work In Restricted Working Space, Add* | *9.58* | |
| 23 21 13 23-0120 | EA | 1", 150 LB, Black Malleable Iron Reducing Coupling | 46.03 | 23.73 |
| | | *For 300 LB Rating, Add* | *27.07* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.17* | |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0121 | EA | 1-1/4", 150 LB, Black Malleable Iron Reducing Coupling | 53.70 | 26.95 |
| | | *For 300 LB Rating, Add* | *34.48* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.21* | |
| | | *For Work In Restricted Working Space, Add* | *12.10* | |
| 23 21 13 23-0122 | EA | 1-1/2", 150 LB, Black Malleable Iron Reducing Coupling | 62.38 | 30.37 |
| | | *For 300 LB Rating, Add* | *43.24* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.27* | |
| | | *For Work In Restricted Working Space, Add* | *13.65* | |
| 23 21 13 23-0123 | EA | 2", 150 LB, Black Malleable Iron Reducing Coupling | 82.26 | 38.60 |
| | | *For 300 LB Rating, Add* | *62.17* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.39* | |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0124 | EA | 2-1/2", 150 LB, Black Malleable Iron Reducing Coupling | 157.84 | 57.10 |
| | | *For 300 LB Rating, Add* | *178.65* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.16* | |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0125 | EA | 3", 150 LB, Black Malleable Iron Reducing Coupling | 200.44 | 75.06 |
| | | *For 300 LB Rating, Add* | *217.69* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.41* | |
| | | *For Work In Restricted Working Space, Add* | *33.77* | |
| 23 21 13 23-0126 | EA | 4", 150 LB, Black Malleable Iron Reducing Coupling | 288.33 | 74.79 |
| | | *For 300 LB Rating, Add* | *429.54* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *2.82* | |
| | | *For Work In Restricted Working Space, Add* | *33.65* | |
| 23 21 13 23-0127 | EA | 5", 150 LB, Black Malleable Iron Reducing Coupling | 513.00 | 78.06 |
| | | *For 300 LB Rating, Add* | *957.33* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *6.34* | |
| | | *For Work In Restricted Working Space, Add* | *35.11* | |
| 23 21 13 23-0128 | EA | 6", 150 LB, Black Malleable Iron Reducing Coupling | 630.94 | 81.62 |
| | | *For 300 LB Rating, Add* | *1,227.93* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *8.14* | |
| | | *For Work In Restricted Working Space, Add* | *36.71* | |
| **23 21 13 23-0129** | | **Black Malleable Iron Caps** *(23 21 13 23-0014)* | | |
| 23 21 13 23-0130 | EA | 1/2", 150 LB, Black Malleable Iron Cap | 16.54 | 8.45 |
| | | *For 300 LB Rating, Add* | *9.67* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.06* | |
| | | *For Work In Restricted Working Space, Add* | *3.85* | |
| 23 21 13 23-0131 | EA | 3/4", 150 LB, Black Malleable Iron Cap | 19.38 | 9.52 |
| | | *For 300 LB Rating, Add* | *12.91* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.08* | |
| | | *For Work In Restricted Working Space, Add* | *4.31* | |
| 23 21 13 23-0132 | EA | 1", 150 LB, Black Malleable Iron Cap | 22.12 | 10.59 |
| | | *For 300 LB Rating, Add* | *15.55* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.10* | |
| | | *For Work In Restricted Working Space, Add* | *4.81* | |
| 23 21 13 23-0133 | EA | 1-1/4", 150 LB, Black Malleable Iron Cap | 26.16 | 11.98 |
| | | *For 300 LB Rating, Add* | *20.31* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.13* | |
| | | *For Work In Restricted Working Space, Add* | *5.45* | |
| 23 21 13 23-0134 | EA | 1-1/2", 150 LB, Black Malleable Iron Cap | 31.49 | 13.47 |
| | | *For 300 LB Rating, Add* | *27.65* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.18* | |
| | | *For Work In Restricted Working Space, Add* | *6.14* | |
| 23 21 13 23-0135 | EA | 2", 150 LB, Black Malleable Iron Cap | 42.07 | 17.22 |
| | | *For 300 LB Rating, Add* | *40.13* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.26* | |
| | | *For Work In Restricted Working Space, Add* | *7.80* | |
| 23 21 13 23-0136 | EA | 2-1/2", 150 LB, Black Malleable Iron Cap | 75.36 | 25.45 |
| | | *For 300 LB Rating, Add* | *90.80* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.59* | |
| | | *For Work In Restricted Working Space, Add* | *11.55* | |
| 23 21 13 23-0137 | EA | 3", 150 LB, Black Malleable Iron Cap | 105.02 | 33.46 |
| | | *For 300 LB Rating, Add* | *133.53* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *0.87* | |
| | | *For Work In Restricted Working Space, Add* | *15.20* | |
| 23 21 13 23-0138 | EA | 4", 150 LB, Black Malleable Iron Cap | 143.71 | 33.36 |
| | | *For 300 LB Rating, Add* | *226.80* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *1.49* | |
| | | *For Work In Restricted Working Space, Add* | *15.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0139 | EA | 5", 150 LB, Black Malleable Iron Cap | 274.89 | 34.80 |
| | | *For 300 LB Rating, Add* | *536.51* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *3.56* | |
| | | *For Work In Restricted Working Space, Add* | *15.80* | |
| 23 21 13 23-0140 | EA | 6", 150 LB, Black Malleable Iron Cap | 462.43 | 36.34 |
| | | *For 300 LB Rating, Add* | *980.99* | |
| | | *For Standard Weight Cast Iron Fittings, Add* | *6.52* | |
| | | *For Work In Restricted Working Space, Add* | *16.52* | |

## 23 21 13 23-0141 Black Malleable Iron Unions *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0142 | EA | 3/8", 150 LB, Black Malleable Iron Union | 41.56 | 15.83 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 21 13 23-0143 | EA | 1/2", 150 LB, Black Malleable Iron Union | 51.75 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0144 | EA | 3/4", 150 LB, Black Malleable Iron Union | 59.64 | 27.48 |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 23 21 13 23-0145 | EA | 1", 150 LB, Black Malleable Iron Union | 72.75 | 32.40 |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 23 21 13 23-0146 | EA | 1-1/4", 150 LB, Black Malleable Iron Union | 92.43 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0147 | EA | 1-1/2", 150 LB, Black Malleable Iron Union | 112.16 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 23 21 13 23-0148 | EA | 2", 150 LB, Black Malleable Iron Union | 135.75 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0149 | EA | 2-1/2", 150 LB, Black Malleable Iron Union | 275.84 | 84.15 |
| | | *For Work In Restricted Working Space, Add* | *37.88* | |
| 23 21 13 23-0150 | EA | 3", 150 LB, Black Malleable Iron Union | 346.21 | 110.67 |
| | | *For Work In Restricted Working Space, Add* | *49.85* | |
| 23 21 13 23-0151 | EA | 3/8", 250 LB, Black Malleable Iron Union | 47.29 | 15.83 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 21 13 23-0152 | EA | 1/2", 250 LB, Black Malleable Iron Union | 62.63 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0153 | EA | 3/4", 250 LB, Black Malleable Iron Union | 67.67 | 27.48 |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 23 21 13 23-0154 | EA | 1", 250 LB, Black Malleable Iron Union | 81.17 | 32.40 |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 23 21 13 23-0155 | EA | 1-1/4", 250 LB, Black Malleable Iron Union | 112.45 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0156 | EA | 1-1/2", 250 LB, Black Malleable Iron Union | 131.91 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 23 21 13 23-0157 | EA | 2", 250 LB, Black Malleable Iron Union | 166.28 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0158 | EA | 2-1/2", 250 LB, Black Malleable Iron Union | 379.34 | 84.15 |
| | | *For Work In Restricted Working Space, Add* | *37.88* | |
| 23 21 13 23-0159 | EA | 3", 250 LB, Black Malleable Iron Union | 462.32 | 110.67 |
| | | *For Work In Restricted Working Space, Add* | *49.85* | |
| 23 21 13 23-0160 | EA | 4", 250 LB, Black Malleable Iron Union | 690.54 | 110.36 |
| | | *For Work In Restricted Working Space, Add* | *49.67* | |
| 23 21 13 23-0161 | EA | 3/8", 300 LB, Black Malleable Iron Union | 61.94 | 15.83 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| 23 21 13 23-0162 | EA | 1/2", 300 LB, Black Malleable Iron Union | 66.53 | 23.73 |
| | | *For Work In Restricted Working Space, Add* | *10.69* | |
| 23 21 13 23-0163 | EA | 3/4", 300 LB, Black Malleable Iron Union | 75.32 | 27.48 |
| | | *For Work In Restricted Working Space, Add* | *12.34* | |
| 23 21 13 23-0164 | EA | 1", 300 LB, Black Malleable Iron Union | 93.25 | 32.40 |
| | | *For Work In Restricted Working Space, Add* | *14.58* | |
| 23 21 13 23-0165 | EA | 1-1/4", 300 LB, Black Malleable Iron Union | 130.63 | 38.60 |
| | | *For Work In Restricted Working Space, Add* | *17.34* | |
| 23 21 13 23-0166 | EA | 1-1/2", 300 LB, Black Malleable Iron Union | 145.26 | 45.98 |
| | | *For Work In Restricted Working Space, Add* | *20.69* | |
| 23 21 13 23-0167 | EA | 2", 300 LB, Black Malleable Iron Union | 180.02 | 57.10 |
| | | *For Work In Restricted Working Space, Add* | *25.66* | |
| 23 21 13 23-0168 | EA | 2-1/2", 300 LB, Black Malleable Iron Union | 430.90 | 84.15 |
| | | *For Work In Restricted Working Space, Add* | *37.88* | |
| 23 21 13 23-0169 | EA | 3", 300 LB, Black Malleable Iron Union | 560.23 | 110.67 |
| | | *For Work In Restricted Working Space, Add* | *49.85* | |
| 23 21 13 23-0170 | EA | 4", 300 LB, Black Malleable Iron Union | 1,416.34 | 110.36 |
| | | *For Work In Restricted Working Space, Add* | *49.67* | |

## 23 21 13 23-0171 Black Steel Nipples *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0172 | EA | 3/8" x Close, Schedule 40 Black Steel Nipple | 17.41 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.07* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0173 | EA | 1/2" x Close, Schedule 40 Black Steel Nipple | 17.08 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *0.91* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0174 | EA | 3/4" x Close, Schedule 40 Black Steel Nipple | 17.34 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.04* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0175 | EA | 1" x Close, Schedule 40 Black Steel Nipple | 19.46 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *1.51* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0176 | EA | 1-1/4" x Close, Schedule 40 Black Steel Nipple | 21.63 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *1.91* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0177 | EA | 1-1/2" x Close, Schedule 40 Black Steel Nipple | 22.57 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.38* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0178 | EA | 2" x Close, Schedule 40 Black Steel Nipple | 29.47 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *3.24* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0179 | EA | 2-1/2" x Close, Schedule 40 Black Steel Nipple | 48.77 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *10.13* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0180 | EA | 3" x Close, Schedule 40 Black Steel Nipple | 58.55 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *12.03* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0181 | EA | 4" x Close, Schedule 40 Black Steel Nipple | 74.69 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *18.12* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 23 21 13 23-0182 | EA | 3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple | 17.70 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.22* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0183 | EA | 1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple | 17.08 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *0.91* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0184 | EA | 3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple | 17.50 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.12* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0185 | EA | 3/8" x 2" Long, Schedule 40 Black Steel Nipple | 17.70 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.22* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0186 | EA | 1/2" x 2" Long, Schedule 40 Black Steel Nipple | 17.08 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *0.91* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0187 | EA | 3/4" x 2" Long, Schedule 40 Black Steel Nipple | 17.50 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.12* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0188 | EA | 1" x 2" Long, Schedule 40 Black Steel Nipple | 19.75 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *1.65* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0189 | EA | 1-1/4" x 2" Long, Schedule 40 Black Steel Nipple | 22.15 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.17* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0190 | EA | 1-1/2" x 2" Long, Schedule 40 Black Steel Nipple | 22.95 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.57* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0191 | EA | 3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple | 18.39 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.56* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0192 | EA | 1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple | 17.41 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.07* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0193 | EA | 3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple | 17.79 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.26* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0194 | EA | 1" x 2-1/2" Long, Schedule 40 Black Steel Nipple | 19.95 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *1.75* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0195 | EA | 1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple | 22.41 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.30* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0196 | EA | 1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple | 23.55 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.87* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0197 | EA | 2" x 2-1/2" Long, Schedule 40 Black Steel Nipple | 30.43 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *3.72* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0198 | EA | 3/8" x 3" Long, Schedule 40 Black Steel Nipple | 18.39 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.56* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0199 | EA | 1/2" x 3" Long, Schedule 40 Black Steel Nipple | 17.41 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.07* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0200 | EA | 3/4" x 3" Long, Schedule 40 Black Steel Nipple | 17.79 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.26* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0201 | EA | 1" x 3" Long, Schedule 40 Black Steel Nipple | 19.95 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *1.75* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0202 | EA | 1-1/4" x 3" Long, Schedule 40 Black Steel Nipple | 22.41 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.30* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0203 | EA | 1-1/2" x 3" Long, Schedule 40 Black Steel Nipple | 23.55 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.87* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0204 | EA | 2" x 3" Long, Schedule 40 Black Steel Nipple | 30.43 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *3.72* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0205 | EA | 2-1/2" x 3" Long, Schedule 40 Black Steel Nipple | 49.30 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *10.39* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0206 | EA | 3" x 3" Long, Schedule 40 Black Steel Nipple | 60.65 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *13.08* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0207 | EA | 3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 18.95 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.84* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0208 | EA | 1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 17.83 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.28* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0209 | EA | 3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 18.39 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.56* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0210 | EA | 1" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 20.78 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *2.17* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0211 | EA | 1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 23.26 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.72* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0212 | EA | 1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 24.24 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *3.21* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0213 | EA | 2" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 31.99 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *4.50* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0214 | EA | 2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 52.96 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *12.22* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0215 | EA | 3" x 3-1/2" Long, Schedule 40 Black Steel Nipple | 65.46 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *15.49* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0216 | EA | 3/8" x 4" Long, Schedule 40 Black Steel Nipple | 18.95 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.84* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0217 | EA | 1/2" x 4" Long, Schedule 40 Black Steel Nipple | 17.83 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.28* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0218 | EA | 3/4" x 4" Long, Schedule 40 Black Steel Nipple | 18.39 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.56* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0219 | EA | 1" x 4" Long, Schedule 40 Black Steel Nipple | 20.78 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *2.17* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0220 | EA | 1-1/4" x 4" Long, Schedule 40 Black Steel Nipple | 23.26 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *2.72* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0221 | EA | 1-1/2" x 4" Long, Schedule 40 Black Steel Nipple | 24.24 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *3.21* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0222 | EA | 2" x 4" Long, Schedule 40 Black Steel Nipple | 31.99 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *4.50* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0223 | EA | 2-1/2" x 4" Long, Schedule 40 Black Steel Nipple | 52.96 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *12.22* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0224 | EA | 3" x 4" Long, Schedule 40 Black Steel Nipple | 65.46 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *15.49* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0225 | EA | 4" x 4" Long, Schedule 40 Black Steel Nipple | 80.38 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *20.96* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 23 21 13 23-0226 | EA | 3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 20.58 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.66* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0227 | EA | 1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 18.28 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.51* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0228 | EA | 3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 19.19 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.96* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0229 | EA | 1" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 21.58 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *2.57* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0230 | EA | 1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 24.33 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *3.26* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0231 | EA | 1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 25.67 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *3.93* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0232 | EA | 2" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 33.35 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *5.18* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0233 | EA | 2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 55.37 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *13.43* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0234 | EA | 3" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 68.65 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *17.08* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0235 | EA | 4" x 4-1/2" Long, Schedule 40 Black Steel Nipple | 86.36 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *23.95* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 23 21 13 23-0236 | EA | 3/8" x 5" Long, Schedule 40 Black Steel Nipple | 20.58 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.66* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0237 | EA | 1/2" x 5" Long, Schedule 40 Black Steel Nipple | 18.28 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.51* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0238 | EA | 3/4" x 5" Long, Schedule 40 Black Steel Nipple | 19.19 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.96* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0239 | EA | 1" x 5" Long, Schedule 40 Black Steel Nipple | 21.58 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *2.57* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0240 | EA | 1-1/4" x 5" Long, Schedule 40 Black Steel Nipple | 24.33 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *3.26* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0241 | EA | 1-1/2" x 5" Long, Schedule 40 Black Steel Nipple | 25.67 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *3.93* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0242 | EA | 2" x 5" Long, Schedule 40 Black Steel Nipple | 33.35 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *5.18* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0243 | EA | 2-1/2" x 5" Long, Schedule 40 Black Steel Nipple | 55.37 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *13.43* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0244 | EA | 3" x 5" Long, Schedule 40 Black Steel Nipple | 68.65 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *17.08* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0245 | EA | 4" x 5" Long, Schedule 40 Black Steel Nipple | 86.36 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *23.95* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 23 21 13 23-0246 | EA | 3/8" x 6" Long, Schedule 40 Black Steel Nipple | 21.18 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.96* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0247 | EA | 1/2" x 6" Long, Schedule 40 Black Steel Nipple | 18.64 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *1.69* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0248 | EA | 3/4" x 6" Long, Schedule 40 Black Steel Nipple | 19.73 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *2.23* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0249 | EA | 1" x 6" Long, Schedule 40 Black Steel Nipple | 22.52 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *3.04* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0250 | EA | 1-1/4" x 6" Long, Schedule 40 Black Steel Nipple | 25.54 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *3.86* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0251 | EA | 1-1/2" x 6" Long, Schedule 40 Black Steel Nipple | 26.83 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *4.51* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0252 | EA | 2" x 6" Long, Schedule 40 Black Steel Nipple | 35.13 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *6.07* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0253 | EA | 2-1/2" x 6" Long, Schedule 40 Black Steel Nipple | 56.50 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *13.99* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0254 | EA | 3" x 6" Long, Schedule 40 Black Steel Nipple | 71.62 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *18.57* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0255 | EA | 4" x 6" Long, Schedule 40 Black Steel Nipple | 89.66 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *25.60* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 23 21 13 23-0256 | EA | 3/8" x 8" Long, Schedule 40 Black Steel Nipple | 25.64 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *5.19* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0257 | EA | 1/2" x 8" Long, Schedule 40 Black Steel Nipple | 21.34 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.04* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0258 | EA | 3/4" x 8" Long, Schedule 40 Black Steel Nipple | 22.70 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.72* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0259 | EA | 1" x 8" Long, Schedule 40 Black Steel Nipple | 26.37 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *4.96* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0260 | EA | 1-1/4" x 8" Long, Schedule 40 Black Steel Nipple | 30.28 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *6.23* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0261 | EA | 1-1/2" x 8" Long, Schedule 40 Black Steel Nipple | 32.11 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *7.15* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0262 | EA | 2" x 8" Long, Schedule 40 Black Steel Nipple | 43.34 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *10.17* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0263 | EA | 2-1/2" x 8" Long, Schedule 40 Black Steel Nipple | 64.13 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *17.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0264 | EA | 3" x 8" Long, Schedule 40 Black Steel Nipple | 84.57 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *25.04* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0265 | EA | 4" x 8" Long, Schedule 40 Black Steel Nipple | 97.55 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *29.55* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 23 21 13 23-0266 | EA | 3/8" x 10" Long, Schedule 40 Black Steel Nipple | 26.91 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *5.82* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0267 | EA | 1/2" x 10" Long, Schedule 40 Black Steel Nipple | 22.56 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *3.65* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0268 | EA | 3/4" x 10" Long, Schedule 40 Black Steel Nipple | 23.90 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.32* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0269 | EA | 1" x 10" Long, Schedule 40 Black Steel Nipple | 28.05 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *5.80* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0270 | EA | 1-1/4" x 10" Long, Schedule 40 Black Steel Nipple | 32.76 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *7.47* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0271 | EA | 1-1/2" x 10" Long, Schedule 40 Black Steel Nipple | 34.54 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *8.36* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0272 | EA | 2" x 10" Long, Schedule 40 Black Steel Nipple | 46.90 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *11.95* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0273 | EA | 2-1/2" x 10" Long, Schedule 40 Black Steel Nipple | 68.52 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *20.00* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0274 | EA | 3" x 10" Long, Schedule 40 Black Steel Nipple | 90.75 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *28.13* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0275 | EA | 4" x 10" Long, Schedule 40 Black Steel Nipple | 105.76 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *33.65* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |
| 23 21 13 23-0276 | EA | 3/8" x 12" Long, Schedule 40 Black Steel Nipple | 28.52 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *6.63* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0277 | EA | 1/2" x 12" Long, Schedule 40 Black Steel Nipple | 23.92 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.33* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0278 | EA | 3/4" x 12" Long, Schedule 40 Black Steel Nipple | 24.86 | 10.15 |
| | | *For Schedule 80 Nipples, Add* | *4.80* | |
| | | *For Work In Restricted Working Space, Add* | *4.58* | |
| 23 21 13 23-0279 | EA | 1" x 12" Long, Schedule 40 Black Steel Nipple | 29.76 | 11.01 |
| | | *For Schedule 80 Nipples, Add* | *6.66* | |
| | | *For Work In Restricted Working Space, Add* | *4.94* | |
| 23 21 13 23-0280 | EA | 1-1/4" x 12" Long, Schedule 40 Black Steel Nipple | 34.77 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *8.48* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0281 | EA | 1-1/2" x 12" Long, Schedule 40 Black Steel Nipple | 37.09 | 11.87 |
| | | *For Schedule 80 Nipples, Add* | *9.64* | |
| | | *For Work In Restricted Working Space, Add* | *5.35* | |
| 23 21 13 23-0282 | EA | 2" x 12" Long, Schedule 40 Black Steel Nipple | 50.52 | 15.29 |
| | | *For Schedule 80 Nipples, Add* | *13.76* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| 23 21 13 23-0283 | EA | 2-1/2" x 12" Long, Schedule 40 Black Steel Nipple | 73.03 | 19.03 |
| | | *For Schedule 80 Nipples, Add* | *22.26* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| 23 21 13 23-0284 | EA | 3" x 12" Long, Schedule 40 Black Steel Nipple | 96.93 | 22.99 |
| | | *For Schedule 80 Nipples, Add* | *31.22* | |
| | | *For Work In Restricted Working Space, Add* | *10.35* | |
| 23 21 13 23-0285 | EA | 4" x 12" Long, Schedule 40 Black Steel Nipple | 117.35 | 25.66 |
| | | *For Schedule 80 Nipples, Add* | *39.45* | |
| | | *For Work In Restricted Working Space, Add* | *11.54* | |

### 23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0287 | EA | 1/2" x 3/8", 150 LB, Black Malleable Iron Bushing | 31.77 | 17.43 |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |
| 23 21 13 23-0288 | EA | 3/4" x 3/8", 150 LB, Black Malleable Iron Bushing | 36.20 | 18.72 |
| | | *For Work In Restricted Working Space, Add* | *8.42* | |
| 23 21 13 23-0289 | EA | 3/4" x 1/2", 150 LB, Black Malleable Iron Bushing | 38.35 | 20.11 |
| | | *For Work In Restricted Working Space, Add* | *9.07* | |
| 23 21 13 23-0290 | EA | 1" x 3/8", 150 LB, Black Malleable Iron Bushing | 41.15 | 20.00 |
| | | *For Work In Restricted Working Space, Add* | *8.98* | |
| 23 21 13 23-0291 | EA | 1" x 1/2", 150 LB, Black Malleable Iron Bushing | 40.45 | 21.39 |
| | | *For Work In Restricted Working Space, Add* | *9.62* | |
| 23 21 13 23-0292 | EA | 1" x 3/4", 150 LB, Black Malleable Iron Bushing | 42.16 | 22.56 |
| | | *For Work In Restricted Working Space, Add* | *10.13* | |
| 23 21 13 23-0293 | EA | 1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing | 44.88 | 21.50 |
| | | *For Work In Restricted Working Space, Add* | *9.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0294 | EA | 1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing | 46.44 | 22.99 |
| | | *For Work In Restricted Working Space, Add* | *10.33* | |
| 23 21 13 23-0295 | EA | 1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing | 46.94 | 24.06 |
| | | *For Work In Restricted Working Space, Add* | *10.84* | |
| 23 21 13 23-0296 | EA | 1-1/4" x 1", 150 LB, Black Malleable Iron Bushing | 48.80 | 25.34 |
| | | *For Work In Restricted Working Space, Add* | *11.40* | |
| 23 21 13 23-0297 | EA | 1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing | 51.45 | 23.31 |
| | | *For Work In Restricted Working Space, Add* | *10.46* | |
| 23 21 13 23-0298 | EA | 1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing | 50.69 | 24.70 |
| | | *For Work In Restricted Working Space, Add* | *11.10* | |
| 23 21 13 23-0299 | EA | 1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing | 52.38 | 25.77 |
| | | *For Work In Restricted Working Space, Add* | *11.61* | |
| 23 21 13 23-0300 | EA | 1-1/2" x 1", 150 LB, Black Malleable Iron Bushing | 52.58 | 27.05 |
| | | *For Work In Restricted Working Space, Add* | *12.17* | |
| 23 21 13 23-0301 | EA | 1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing | 56.64 | 28.66 |
| | | *For Work In Restricted Working Space, Add* | *12.88* | |
| 23 21 13 23-0302 | EA | 2" x 3/8", 150 LB, Black Malleable Iron Bushing | 64.45 | 27.37 |
| | | *For Work In Restricted Working Space, Add* | *12.31* | |
| 23 21 13 23-0303 | EA | 2" x 1/2", 150 LB, Black Malleable Iron Bushing | 63.81 | 28.76 |
| | | *For Work In Restricted Working Space, Add* | *12.95* | |
| 23 21 13 23-0304 | EA | 2" x 3/4", 150 LB, Black Malleable Iron Bushing | 62.33 | 29.94 |
| | | *For Work In Restricted Working Space, Add* | *13.46* | |
| 23 21 13 23-0305 | EA | 2" x 1", 150 LB, Black Malleable Iron Bushing | 63.08 | 31.12 |
| | | *For Work In Restricted Working Space, Add* | *14.01* | |
| 23 21 13 23-0306 | EA | 2" x 1-1/4", 150 LB, Black Malleable Iron Bushing | 65.44 | 32.72 |
| | | *For Work In Restricted Working Space, Add* | *14.72* | |
| 23 21 13 23-0307 | EA | 2" x 1-1/2", 150 LB, Black Malleable Iron Bushing | 69.87 | 34.43 |
| | | *For Work In Restricted Working Space, Add* | *15.50* | |
| 23 21 13 23-0308 | EA | 2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing | 88.49 | 39.14 |
| | | *For Work In Restricted Working Space, Add* | *17.62* | |
| 23 21 13 23-0309 | EA | 2-1/2" x 1", 150 LB, Black Malleable Iron Bushing | 90.34 | 40.42 |
| | | *For Work In Restricted Working Space, Add* | *18.18* | |
| 23 21 13 23-0310 | EA | 2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing | 92.70 | 41.92 |
| | | *For Work In Restricted Working Space, Add* | *18.89* | |
| 23 21 13 23-0311 | EA | 2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing | 93.24 | 43.73 |
| | | *For Work In Restricted Working Space, Add* | *19.66* | |
| 23 21 13 23-0312 | EA | 2-1/2" x 2", 150 LB, Black Malleable Iron Bushing | 99.16 | 47.80 |
| | | *For Work In Restricted Working Space, Add* | *21.50* | |
| 23 21 13 23-0313 | EA | 3" x 3/4", 150 LB, Black Malleable Iron Bushing | 113.38 | 48.12 |
| | | *For Work In Restricted Working Space, Add* | *21.67* | |
| 23 21 13 23-0314 | EA | 3" x 1", 150 LB, Black Malleable Iron Bushing | 115.24 | 49.40 |
| | | *For Work In Restricted Working Space, Add* | *22.23* | |
| 23 21 13 23-0315 | EA | 3" x 1-1/4", 150 LB, Black Malleable Iron Bushing | 117.59 | 51.00 |
| | | *For Work In Restricted Working Space, Add* | *22.94* | |
| 23 21 13 23-0316 | EA | 3" x 1-1/2", 150 LB, Black Malleable Iron Bushing | 119.37 | 52.71 |
| | | *For Work In Restricted Working Space, Add* | *23.71* | |
| 23 21 13 23-0317 | EA | 3" x 2", 150 LB, Black Malleable Iron Bushing | 122.88 | 56.77 |
| | | *For Work In Restricted Working Space, Add* | *25.55* | |
| 23 21 13 23-0318 | EA | 3" x 2-1/2", 150 LB, Black Malleable Iron Bushing | 137.30 | 66.08 |
| | | *For Work In Restricted Working Space, Add* | *29.71* | |
| 23 21 13 23-0319 | EA | 4" x 3/4", 150 LB, Black Malleable Iron Bushing | 149.35 | 46.92 |
| | | *For Work In Restricted Working Space, Add* | *21.13* | |
| 23 21 13 23-0320 | EA | 4" x 1", 150 LB, Black Malleable Iron Bushing | 151.01 | 48.07 |
| | | *For Work In Restricted Working Space, Add* | *21.63* | |
| 23 21 13 23-0321 | EA | 4" x 1-1/4", 150 LB, Black Malleable Iron Bushing | 153.13 | 49.51 |
| | | *For Work In Restricted Working Space, Add* | *22.27* | |
| 23 21 13 23-0322 | EA | 4" x 1-1/2", 150 LB, Black Malleable Iron Bushing | 155.45 | 51.05 |
| | | *For Work In Restricted Working Space, Add* | *22.96* | |
| 23 21 13 23-0323 | EA | 4" x 2", 150 LB, Black Malleable Iron Bushing | 156.74 | 54.70 |
| | | *For Work In Restricted Working Space, Add* | *24.62* | |
| 23 21 13 23-0324 | EA | 4" x 2-1/2", 150 LB, Black Malleable Iron Bushing | 169.21 | 63.07 |
| | | *For Work In Restricted Working Space, Add* | *28.36* | |
| 23 21 13 23-0325 | EA | 4" x 3", 150 LB, Black Malleable Iron Bushing | 181.35 | 71.14 |
| | | *For Work In Restricted Working Space, Add* | *32.00* | |

### 23 21 13 23-0326 Black Malleable Iron Square Head Plugs *(23 21 13 23-0014)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0327 | EA | 3/8", 150 LB, Black Malleable Iron Square Head Plug | 13.82 | 6.31 |
| | | *For Work In Restricted Working Space, Add* | *2.85* | |
| 23 21 13 23-0328 | EA | 1/2", 150 LB, Black Malleable Iron Square Head Plug | 16.01 | 7.60 |
| | | *For Work In Restricted Working Space, Add* | *3.42* | |
| 23 21 13 23-0329 | EA | 3/4", 150 LB, Black Malleable Iron Square Head Plug | 17.36 | 8.55 |
| | | *For Work In Restricted Working Space, Add* | *3.83* | |
| 23 21 13 23-0330 | EA | 1", 150 LB, Black Malleable Iron Square Head Plug | 20.03 | 9.52 |
| | | *For Work In Restricted Working Space, Add* | *4.28* | |
| 23 21 13 23-0331 | EA | 1-1/4", 150 LB, Black Malleable Iron Square Head Plug | 23.42 | 10.80 |
| | | *For Work In Restricted Working Space, Add* | *4.84* | |
| 23 21 13 23-0332 | EA | 1-1/2", 150 LB, Black Malleable Iron Square Head Plug | 28.35 | 12.08 |
| | | *For Work In Restricted Working Space, Add* | *5.46* | |
| 23 21 13 23-0333 | EA | 2", 150 LB, Black Malleable Iron Square Head Plug | 37.55 | 15.39 |
| | | *For Work In Restricted Working Space, Add* | *6.94* | |
| 23 21 13 23-0334 | EA | 2-1/2", 150 LB, Black Malleable Iron Square Head Plug | 60.49 | 22.78 |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 23 21 13 23-0335 | EA | 3", 150 LB, Black Malleable Iron Square Head Plug | 81.09 | 30.05 |
| | | *For Work In Restricted Working Space, Add* | *13.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0336 | EA | 4", 150 LB, Black Malleable Iron Square Head Plug | 120.52 | 29.90 |
| | | *For Work In Restricted Working Space, Add* | *13.46* | |
| 23 21 13 23-0337 | EA | 5", 150 LB, Black Malleable Iron Square Head Plug | 209.30 | 31.24 |
| | | *For Work In Restricted Working Space, Add* | *14.05* | |
| 23 21 13 23-0338 | EA | 6", 150 LB, Black Malleable Iron Square Head Plug | 250.20 | 32.59 |
| | | *For Work In Restricted Working Space, Add* | *14.69* | |

### 23 21 13 23-0339 125 LB Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0340 | EA | 3/4", 125 LB, Black Cast Iron Flange | 146.52 | 42.77 |
| | | *For Work In Restricted Working Space, Add* | *19.25* | |
| 23 21 13 23-0341 | EA | 1", 125 LB, Black Cast Iron Flange | 124.87 | 48.33 |
| | | *For Work In Restricted Working Space, Add* | *21.75* | |
| 23 21 13 23-0342 | EA | 1-1/4", 125 LB, Black Cast Iron Flange | 137.70 | 50.05 |
| | | *For Work In Restricted Working Space, Add* | *22.51* | |
| 23 21 13 23-0343 | EA | 1-1/2", 125 LB, Black Cast Iron Flange | 139.54 | 54.43 |
| | | *For Work In Restricted Working Space, Add* | *24.49* | |
| 23 21 13 23-0344 | EA | 2", 125 LB, Black Cast Iron Flange | 142.99 | 56.77 |
| | | *For Work In Restricted Working Space, Add* | *25.56* | |
| 23 21 13 23-0345 | EA | 2-1/2", 125 LB, Black Cast Iron Flange | 166.14 | 65.76 |
| | | *For Work In Restricted Working Space, Add* | *29.56* | |
| 23 21 13 23-0346 | EA | 3", 125 LB, Black Cast Iron Flange | 212.15 | 83.40 |
| | | *For Work In Restricted Working Space, Add* | *37.52* | |
| 23 21 13 23-0347 | EA | 4", 125 LB, Black Cast Iron Flange | 271.20 | 102.58 |
| | | *For Work In Restricted Working Space, Add* | *46.15* | |
| 23 21 13 23-0348 | EA | 5", 125 LB, Black Cast Iron Flange | 348.93 | 122.19 |
| | | *For Work In Restricted Working Space, Add* | *54.94* | |
| 23 21 13 23-0349 | EA | 6", 125 LB, Black Cast Iron Flange | 397.90 | 140.27 |
| | | *For Work In Restricted Working Space, Add* | *63.09* | |

### 23 21 13 23-0350 150 LB, Black Malleable Iron Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0351 | EA | 1/2", 150 LB, Black Malleable Iron Flange | 76.81 | 39.02 |
| | | *For Work In Restricted Working Space, Add* | *17.58* | |
| 23 21 13 23-0352 | EA | 3/4", 150 LB, Black Malleable Iron Flange | 83.79 | 42.77 |
| | | *For Work In Restricted Working Space, Add* | *19.25* | |
| 23 21 13 23-0353 | EA | 1", 150 LB, Black Malleable Iron Flange | 97.99 | 48.33 |
| | | *For Work In Restricted Working Space, Add* | *21.74* | |
| 23 21 13 23-0354 | EA | 1-1/4", 150 LB, Black Malleable Iron Flange | 102.30 | 50.05 |
| | | *For Work In Restricted Working Space, Add* | *22.51* | |
| 23 21 13 23-0355 | EA | 1-1/2", 150 LB, Black Malleable Iron Flange | 111.38 | 54.43 |
| | | *For Work In Restricted Working Space, Add* | *24.49* | |
| 23 21 13 23-0356 | EA | 2", 150 LB, Black Malleable Iron Flange | 123.98 | 56.77 |
| | | *For Work In Restricted Working Space, Add* | *25.55* | |
| 23 21 13 23-0357 | EA | 2-1/2", 150 LB, Black Malleable Iron Flange | 159.37 | 65.76 |
| | | *For Work In Restricted Working Space, Add* | *29.56* | |
| 23 21 13 23-0358 | EA | 3", 150 LB, Black Malleable Iron Flange | 201.93 | 83.40 |
| | | *For Work In Restricted Working Space, Add* | *37.51* | |
| 23 21 13 23-0359 | EA | 4", 150 LB, Black Malleable Iron Flange | 284.40 | 102.58 |
| | | *For Work In Restricted Working Space, Add* | *46.13* | |

### 23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe *(23 21 13 23-0014)*

Note: For use when connecting pipe to an existing in-place system.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0361 | EA | 1/2", Cut And Thread Existing In Place Black Steel Pipe | 34.84 | |
| | | *For Work In Restricted Working Space, Add* | *10.45* | |
| 23 21 13 23-0362 | EA | 3/4", Cut And Thread Existing In Place Black Steel Pipe | 38.32 | |
| | | *For Work In Restricted Working Space, Add* | *11.50* | |
| 23 21 13 23-0363 | EA | 1", Cut And Thread Existing In Place Black Steel Pipe | 41.81 | |
| | | *For Work In Restricted Working Space, Add* | *12.54* | |
| 23 21 13 23-0364 | EA | 1-1/4", Cut And Thread Existing In Place Black Steel Pipe | 45.29 | |
| | | *For Work In Restricted Working Space, Add* | *13.59* | |
| 23 21 13 23-0365 | EA | 1-1/2", Cut And Thread Existing In Place Black Steel Pipe | 47.60 | |
| | | *For Work In Restricted Working Space, Add* | *14.28* | |
| 23 21 13 23-0366 | EA | 2", Cut And Thread Existing In Place Black Steel Pipe | 49.93 | |
| | | *For Work In Restricted Working Space, Add* | *14.98* | |
| 23 21 13 23-0367 | EA | 2-1/2", Cut And Thread Existing In Place Black Steel Pipe | 52.26 | |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |
| 23 21 13 23-0368 | EA | 3", Cut And Thread Existing In Place Black Steel Pipe | 54.57 | |
| | | *For Work In Restricted Working Space, Add* | *16.37* | |
| 23 21 13 23-0369 | EA | 4", Cut And Thread Existing In Place Black Steel Pipe | 56.90 | |
| | | *For Work In Restricted Working Space, Add* | *17.07* | |
| 23 21 13 23-0370 | EA | 6", Cut And Thread Existing In Place Black Steel Pipe | 61.54 | |
| | | *For Work In Restricted Working Space, Add* | *18.46* | |
| 23 21 13 23-0371 | EA | 8", Cut And Thread Existing In Place Black Steel Pipe | 66.18 | |
| | | *For Work In Restricted Working Space, Add* | *19.85* | |
| 23 21 13 23-0372 | EA | 10", Cut And Thread Existing In Place Black Steel Pipe | 71.99 | |
| | | *For Work In Restricted Working Space, Add* | *21.60* | |
| 23 21 13 23-0373 | EA | 12", Cut And Thread Existing In Place Black Steel Pipe | 76.63 | |
| | | *For Work In Restricted Working Space, Add* | *22.99* | |

### 23 21 13 23-0374 Welded Black Steel Pipe *(23 21 13 23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0375 | | **Welded Plain End Black Steel Pipe Assemblies** *(23 21 13 23-0374)*<br>Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | | |
| 23 21 13 23-0376 | LF | 3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 26.21 | 8.33 |
| | | *For Work In Restricted Working Space, Add* | *6.09* | |
| 23 21 13 23-0377 | LF | 1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 29.22 | 8.88 |
| | | *For Work In Restricted Working Space, Add* | *6.82* | |
| 23 21 13 23-0378 | LF | 1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 35.00 | 9.44 |
| | | *For Work In Restricted Working Space, Add* | *7.83* | |
| 23 21 13 23-0379 | LF | 1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 37.48 | 9.44 |
| | | *For Work In Restricted Working Space, Add* | *8.18* | |
| 23 21 13 23-0380 | LF | 2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 42.93 | 9.44 |
| | | *For Work In Restricted Working Space, Add* | *9.47* | |
| 23 21 13 23-0381 | LF | 2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 49.77 | 9.44 |
| | | *For Work In Restricted Working Space, Add* | *10.99* | |
| 23 21 13 23-0382 | LF | 3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 57.77 | 9.22 |
| | | *For Work In Restricted Working Space, Add* | *11.59* | |
| 23 21 13 23-0383 | LF | 4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 72.31 | 10.52 |
| | | *For Work In Restricted Working Space, Add* | *13.05* | |
| 23 21 13 23-0384 | LF | 6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 98.68 | 15.67 |
| | | *For Work In Restricted Working Space, Add* | *15.02* | |
| 23 21 13 23-0385 | LF | 8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 150.09 | 19.46 |
| | | *For Work In Restricted Working Space, Add* | *22.29* | |
| 23 21 13 23-0386 | LF | 10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 201.32 | 24.33 |
| | | *For Work In Restricted Working Space, Add* | *26.58* | |
| 23 21 13 23-0387 | LF | 12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 254.06 | 29.39 |
| | | *For Work In Restricted Working Space, Add* | *30.71* | |
| 23 21 13 23-0388 | LF | 14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 281.66 | 38.35 |
| | | *For Work In Restricted Working Space, Add* | *34.26* | |
| 23 21 13 23-0389 | LF | 16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 327.91 | 48.67 |
| | | *For Work In Restricted Working Space, Add* | *38.28* | |
| 23 21 13 23-0390 | LF | 18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 418.70 | 60.24 |
| | | *For Work In Restricted Working Space, Add* | *42.01* | |
| 23 21 13 23-0391 | LF | 20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 537.25 | 74.45 |
| | | *For Work In Restricted Working Space, Add* | *48.08* | |
| 23 21 13 23-0392 | LF | 24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly<br>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. | 664.38 | 84.39 |
| | | *For Work In Restricted Working Space, Add* | *52.87* | |
| 23 21 13 23-0393 | | **Welded Black Steel Pipe And Fittings** *(23 21 13 23-0374)*<br>Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings. | | |
| 23 21 13 23-0394 | | **Welded Plain End Black Steel Piping** *(23 21 13 23-0393)*<br>Note: ASTM A-53 | | |
| 23 21 13 23-0395 | LF | 3/4" Schedule 40, Welded Plain End Black Steel Pipe | 11.23 | 4.45 |
| | | *For Schedule 80 Pipe, Add* | *1.80* | |
| | | *For Schedule A-106 Pipe, Add* | *0.28* | |
| | | *For Work In Restricted Working Space, Add* | *2.66* | |
| 23 21 13 23-0396 | LF | 1" Schedule 40, Welded Plain End Black Steel Pipe | 14.22 | 5.56 |
| | | *For Schedule 80 Pipe, Add* | *2.29* | |
| | | *For Schedule A-106 Pipe, Add* | *0.37* | |
| | | *For Work In Restricted Working Space, Add* | *3.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0397 | LF | 1-1/4" Schedule 40, Welded Plain End Black Steel Pipe | 17.91 | 6.67 |
| | | *For Schedule 80 Pipe, Add* | *2.92* | |
| | | *For Schedule A-106 Pipe, Add* | *0.55* | |
| | | *For Work In Restricted Working Space, Add* | *4.00* | |
| 23 21 13 23-0398 | LF | 1-1/2" Schedule 40, Welded Plain End Black Steel Pipe | 21.63 | 7.78 |
| | | *For Schedule 80 Pipe, Add* | *3.55* | |
| | | *For Schedule A-106 Pipe, Add* | *0.73* | |
| | | *For Work In Restricted Working Space, Add* | *4.67* | |
| 23 21 13 23-0399 | LF | 2" Schedule 40, Welded Plain End Black Steel Pipe | 25.71 | 9.22 |
| | | *For Schedule 80 Pipe, Add* | *4.22* | |
| | | *For Schedule A-106 Pipe, Add* | *0.87* | |
| | | *For Work In Restricted Working Space, Add* | *5.53* | |
| 23 21 13 23-0400 | LF | 2-1/2" Schedule 40, Welded Plain End Black Steel Pipe | 29.37 | 10.44 |
| | | *For Schedule 80 Pipe, Add* | *6.62* | |
| | | *For Schedule A-106 Pipe, Add* | *1.02* | |
| | | *For Work In Restricted Working Space, Add* | *6.27* | |
| 23 21 13 23-0401 | LF | 3" Schedule 40, Welded Plain End Black Steel Pipe | 35.91 | 11.22 |
| | | *For Schedule 80 Pipe, Add* | *8.64* | |
| | | *For Schedule A-106 Pipe, Add* | *1.62* | |
| | | *For Work In Restricted Working Space, Add* | *6.73* | |
| 23 21 13 23-0402 | LF | 4" Schedule 40, Welded Plain End Black Steel Pipe | 49.35 | 13.89 |
| | | *For Schedule 80 Pipe, Add* | *12.41* | |
| | | *For Schedule A-106 Pipe, Add* | *2.59* | |
| | | *For Work In Restricted Working Space, Add* | *8.33* | |
| 23 21 13 23-0403 | LF | 6" Schedule 40, Welded Plain End Black Steel Pipe | 70.60 | 22.49 |
| | | *For Schedule 80 Pipe, Add* | *18.68* | |
| | | *For Schedule A-106 Pipe, Add* | *4.34* | |
| | | *For Work In Restricted Working Space, Add* | *10.33* | |
| 23 21 13 23-0404 | LF | 8" Schedule 40, Welded Plain End Black Steel Pipe | 96.39 | 20.93 |
| | | *For Schedule 80 Pipe, Add* | *26.41* | |
| | | *For Schedule A-106 Pipe, Add* | *6.54* | |
| | | *For Schedule 30 Pipe, Deduct* | *-15.09* | |
| | | *For Work In Restricted Working Space, Add* | *12.56* | |
| 23 21 13 23-0405 | LF | 10" Schedule 40, Welded Plain End Black Steel Pipe | 127.61 | 25.21 |
| | | *For Schedule 80 Pipe, Add* | *35.84* | |
| | | *For Schedule A-106 Pipe, Add* | *9.26* | |
| | | *For Schedule 30 Pipe, Deduct* | *-20.48* | |
| | | *For Work In Restricted Working Space, Add* | *15.12* | |
| 23 21 13 23-0406 | LF | 12" Schedule 40, Welded Plain End Black Steel Pipe | 163.02 | 30.47 |
| | | *For Schedule 80 Pipe, Add* | *46.39* | |
| | | *For Schedule A-106 Pipe, Add* | *12.25* | |
| | | *For Schedule 30 Pipe, Deduct* | *-26.51* | |
| | | *For Work In Restricted Working Space, Add* | *18.28* | |
| 23 21 13 23-0407 | LF | 14" Schedule 40, Welded Plain End Black Steel Pipe | 157.33 | 32.12 |
| | | *For Schedule 80 Pipe, Add* | *43.82* | |
| | | *For Schedule A-106 Pipe, Add* | *11.17* | |
| | | *For Schedule 30 Pipe, Deduct* | *-25.04* | |
| | | *For Schedule 20 Pipe, Deduct* | *-45.43* | |
| | | *For Work In Restricted Working Space, Add* | *19.27* | |
| 23 21 13 23-0408 | LF | 16" Schedule 40, Welded Plain End Black Steel Pipe | 173.16 | 34.55 |
| | | *For Schedule 80 Pipe, Add* | *48.51* | |
| | | *For Schedule A-106 Pipe, Add* | *12.49* | |
| | | *For Schedule 30 Pipe, Deduct* | *-27.72* | |
| | | *For Schedule 20 Pipe, Deduct* | *-50.24* | |
| | | *For Work In Restricted Working Space, Add* | *20.73* | |
| 23 21 13 23-0409 | LF | 18" Schedule 40, Welded Plain End Black Steel Pipe | 218.95 | 37.37 |
| | | *For Schedule 80 Pipe, Add* | *63.55* | |
| | | *For Schedule A-106 Pipe, Add* | *17.31* | |
| | | *For Schedule 30 Pipe, Deduct* | *-36.32* | |
| | | *For Schedule 20 Pipe, Deduct* | *-65.42* | |
| | | *For Work In Restricted Working Space, Add* | *22.42* | |
| 23 21 13 23-0410 | LF | 20" Schedule 40, Welded Plain End Black Steel Pipe | 258.87 | 44.77 |
| | | *For Schedule 80 Pipe, Add* | *74.94* | |
| | | *For Schedule A-106 Pipe, Add* | *20.32* | |
| | | *For Work In Restricted Working Space, Add* | *26.86* | |
| 23 21 13 23-0411 | LF | 24" Schedule 40, Welded Plain End Black Steel Pipe | 321.71 | 51.49 |
| | | *For Schedule 80 Pipe, Add* | *94.58* | |
| | | *For Schedule A-106 Pipe, Add* | *26.25* | |
| | | *For Work In Restricted Working Space, Add* | *30.89* | |

### 23 21 13 23-0412 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0393)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0413 | EA | 3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 115.69 | 61.71 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *25.00* | |
| | | *For Work In Restricted Working Space, Add* | *27.74* | |
| 23 21 13 23-0414 | EA | 1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 120.53 | 64.91 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *25.94* | |
| | | *For Work In Restricted Working Space, Add* | *29.19* | |
| 23 21 13 23-0415 | EA | 1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 134.16 | 73.97 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *28.60* | |
| | | *For Work In Restricted Working Space, Add* | *33.28* | |
| 23 21 13 23-0416 | EA | 1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 142.92 | 79.81 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *30.31* | |
| | | *For Work In Restricted Working Space, Add* | *35.91* | |
| 23 21 13 23-0417 | EA | 2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 178.92 | 103.85 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *37.33* | |
| | | *For Work In Restricted Working Space, Add* | *46.71* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0418 | EA | 2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 225.58 | 129.84 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *47.24* | |
| | | *For Work In Restricted Working Space, Add* | *58.39* | |
| 23 21 13 23-0419 | EA | 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 262.09 | 150.18 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *54.99* | |
| | | *For Work In Restricted Working Space, Add* | *67.52* | |
| 23 21 13 23-0420 | EA | 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 450.23 | 259.48 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *94.22* | |
| | | *For Work In Restricted Working Space, Add* | *116.71* | |
| 23 21 13 23-0421 | EA | 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 792.55 | 428.21 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *170.35* | |
| | | *For Work In Restricted Working Space, Add* | *192.62* | |
| 23 21 13 23-0422 | EA | 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 1,070.04 | 527.41 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *237.98* | |
| | | *For Work In Restricted Working Space, Add* | *237.23* | |
| 23 21 13 23-0423 | EA | 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 1,416.50 | 602.84 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *330.06* | |
| | | *For Work In Restricted Working Space, Add* | *271.13* | |
| 23 21 13 23-0424 | EA | 12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 1,925.98 | 788.74 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *453.63* | |
| | | *For Work In Restricted Working Space, Add* | *354.74* | |
| 23 21 13 23-0425 | EA | 14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 2,404.09 | 932.30 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *574.46* | |
| | | *For Work In Restricted Working Space, Add* | *419.33* | |
| 23 21 13 23-0426 | EA | 16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 3,009.62 | 1,088.71 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *731.51* | |
| | | *For Work In Restricted Working Space, Add* | *489.65* | |
| 23 21 13 23-0427 | EA | 18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 3,592.82 | 1,213.97 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *886.75* | |
| | | *For Work In Restricted Working Space, Add* | *546.00* | |
| 23 21 13 23-0428 | EA | 20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 4,646.42 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,179.65* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0429 | EA | 24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 5,514.12 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,432.82* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |

### 23 21 13 23-0430 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0393)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0431 | EA | 4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow | 641.50 | 259.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *151.53* | |
| | | *For Work In Restricted Working Space, Add* | *116.93* | |
| 23 21 13 23-0432 | EA | 6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 1,127.17 | 423.33 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *271.50* | |
| | | *For Work In Restricted Working Space, Add* | *190.42* | |
| 23 21 13 23-0433 | EA | 6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 1,211.60 | 423.33 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *296.83* | |
| | | *For Work In Restricted Working Space, Add* | *190.42* | |
| 23 21 13 23-0434 | EA | 8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 1,829.53 | 527.41 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *465.83* | |
| | | *For Work In Restricted Working Space, Add* | *237.23* | |
| 23 21 13 23-0435 | EA | 8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 2,030.84 | 527.41 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *526.22* | |
| | | *For Work In Restricted Working Space, Add* | *237.23* | |
| 23 21 13 23-0436 | EA | 10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 2,564.12 | 602.84 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *674.34* | |
| | | *For Work In Restricted Working Space, Add* | *271.13* | |
| 23 21 13 23-0437 | EA | 10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 2,564.12 | 602.84 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *674.34* | |
| | | *For Work In Restricted Working Space, Add* | *271.13* | |
| 23 21 13 23-0438 | EA | 12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 4,287.72 | 803.73 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,159.79* | |
| | | *For Work In Restricted Working Space, Add* | *361.50* | |
| 23 21 13 23-0439 | EA | 12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 4,287.72 | 803.73 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,159.79* | |
| | | *For Work In Restricted Working Space, Add* | *361.50* | |
| 23 21 13 23-0440 | EA | 12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow | 4,835.30 | 803.73 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,324.06* | |
| | | *For Work In Restricted Working Space, Add* | *361.50* | |

### 23 21 13 23-0441 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0393)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0442 | EA | 3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 112.84 | 62.98 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *23.94* | |
| | | *For Work In Restricted Working Space, Add* | *28.32* | |
| 23 21 13 23-0443 | EA | 1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 116.18 | 65.21 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *24.59* | |
| | | *For Work In Restricted Working Space, Add* | *29.33* | |
| 23 21 13 23-0444 | EA | 1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 130.62 | 74.87 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *27.41* | |
| | | *For Work In Restricted Working Space, Add* | *33.66* | |
| 23 21 13 23-0445 | EA | 1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 139.51 | 80.76 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *29.14* | |
| | | *For Work In Restricted Working Space, Add* | *36.32* | |
| 23 21 13 23-0446 | EA | 2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 175.06 | 104.42 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *36.07* | |
| | | *For Work In Restricted Working Space, Add* | *46.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0447 | EA | 2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 218.08 | 131.19 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *44.78* | |
| | | *For Work In Restricted Working Space, Add* | *58.99* | |
| 23 21 13 23-0448 | EA | 3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 252.07 | 150.07 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *51.99* | |
| | | *For Work In Restricted Working Space, Add* | *67.51* | |
| 23 21 13 23-0449 | EA | 4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 433.62 | 259.37 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *89.25* | |
| | | *For Work In Restricted Working Space, Add* | *116.68* | |
| 23 21 13 23-0450 | EA | 6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 751.20 | 427.77 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *158.02* | |
| | | *For Work In Restricted Working Space, Add* | *192.40* | |
| 23 21 13 23-0451 | EA | 8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 994.68 | 527.41 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *215.37* | |
| | | *For Work In Restricted Working Space, Add* | *237.23* | |
| 23 21 13 23-0452 | EA | 10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 1,278.14 | 602.84 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *288.55* | |
| | | *For Work In Restricted Working Space, Add* | *271.13* | |
| 23 21 13 23-0453 | EA | 12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 1,723.15 | 787.28 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *393.02* | |
| | | *For Work In Restricted Working Space, Add* | *354.08* | |
| 23 21 13 23-0454 | EA | 14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 2,134.39 | 933.56 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *493.36* | |
| | | *For Work In Restricted Working Space, Add* | *419.89* | |
| 23 21 13 23-0455 | EA | 16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 2,636.22 | 1,087.54 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *619.67* | |
| | | *For Work In Restricted Working Space, Add* | *489.14* | |
| 23 21 13 23-0456 | EA | 18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 3,112.33 | 1,212.51 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *742.82* | |
| | | *For Work In Restricted Working Space, Add* | *545.37* | |
| 23 21 13 23-0457 | EA | 20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 3,943.27 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *968.70* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0458 | EA | 24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow | 4,595.18 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,157.13* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |

### 23 21 13 23-0459 Welded Plain End Black Steel Tee *(23 21 13 23-0393)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0460 | EA | 3/4" Standard Weight, Welded Plain End Black Steel Tee | 233.40 | 118.53 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *51.36* | |
| | | *For Work In Restricted Working Space, Add* | *53.32* | |
| 23 21 13 23-0461 | EA | 1" Standard Weight, Welded Plain End Black Steel Tee | 233.34 | 118.53 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *51.35* | |
| | | *For Work In Restricted Working Space, Add* | *53.30* | |
| 23 21 13 23-0462 | EA | 1-1/4" Standard Weight, Welded Plain End Black Steel Tee | 264.75 | 131.85 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *58.67* | |
| | | *For Work In Restricted Working Space, Add* | *59.30* | |
| 23 21 13 23-0463 | EA | 1-1/2" Standard Weight, Welded Plain End Black Steel Tee | 289.26 | 148.18 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *63.45* | |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 23 21 13 23-0464 | EA | 2" Standard Weight, Welded Plain End Black Steel Tee | 355.95 | 197.83 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *75.64* | |
| | | *For Work In Restricted Working Space, Add* | *88.98* | |
| 23 21 13 23-0465 | EA | 2-1/2" Standard Weight, Welded Plain End Black Steel Tee | 406.99 | 222.28 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *87.10* | |
| | | *For Work In Restricted Working Space, Add* | *99.98* | |
| 23 21 13 23-0466 | EA | 3" Standard Weight, Welded Plain End Black Steel Tee | 485.95 | 269.92 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *103.33* | |
| | | *For Work In Restricted Working Space, Add* | *121.30* | |
| 23 21 13 23-0467 | EA | 4" Standard Weight, Welded Plain End Black Steel Tee | 698.18 | 390.00 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *148.07* | |
| | | *For Work In Restricted Working Space, Add* | *175.39* | |
| 23 21 13 23-0468 | EA | 6" Standard Weight, Welded Plain End Black Steel Tee | 1,172.58 | 644.26 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *250.35* | |
| | | *For Work In Restricted Working Space, Add* | *289.77* | |
| 23 21 13 23-0469 | EA | 8" Standard Weight, Welded Plain End Black Steel Tee | 1,587.68 | 803.73 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *349.78* | |
| | | *For Work In Restricted Working Space, Add* | *361.50* | |
| 23 21 13 23-0470 | EA | 10" Standard Weight, Welded Plain End Black Steel Tee | 2,047.46 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *466.62* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0471 | EA | 12" Standard Weight, Welded Plain End Black Steel Tee | 2,783.36 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *645.22* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0472 | EA | 14" Standard Weight, Welded Plain End Black Steel Tee | 3,677.71 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *881.89* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0473 | EA | 16" Standard Weight, Welded Plain End Black Steel Tee | 4,427.28 | 1,687.86 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,062.48* | |
| | | *For Work In Restricted Working Space, Add* | *759.15* | |
| 23 21 13 23-0474 | EA | 18" Standard Weight, Welded Plain End Black Steel Tee | 5,910.00 | 1,875.40 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,477.77* | |
| | | *For Work In Restricted Working Space, Add* | *843.51* | |
| 23 21 13 23-0475 | EA | 20" Standard Weight, Welded Plain End Black Steel Tee | 7,946.55 | 2,109.87 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *2,051.83* | |
| | | *For Work In Restricted Working Space, Add* | *948.95* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0476 | EA | 24" Standard Weight, Welded Plain End Black Steel Tee | 9,240.92 | 2,272.16 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *2,414.60* | |
| | | *For Work In Restricted Working Space, Add* | *1,021.94* | |

## 23 21 13 23-0477 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0393)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0478 | EA | 3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee | 227.84 | 114.85 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *50.27* | |
| | | *For Work In Restricted Working Space, Add* | *51.65* | |
| 23 21 13 23-0479 | EA | 1" Standard Weight, Welded Plain End Black Steel Reducing Tee | 233.34 | 118.53 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *51.35* | |
| | | *For Work In Restricted Working Space, Add* | *53.30* | |
| 23 21 13 23-0480 | EA | 1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee | 261.19 | 131.85 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *57.60* | |
| | | *For Work In Restricted Working Space, Add* | *59.30* | |
| 23 21 13 23-0481 | EA | 1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee | 285.70 | 148.18 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *62.38* | |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 23 21 13 23-0482 | EA | 2" Standard Weight, Welded Plain End Black Steel Reducing Tee | 363.94 | 197.83 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *78.03* | |
| | | *For Work In Restricted Working Space, Add* | *89.01* | |
| 23 21 13 23-0483 | EA | 2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee | 407.11 | 222.38 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *87.13* | |
| | | *For Work In Restricted Working Space, Add* | *100.01* | |
| 23 21 13 23-0484 | EA | 3" Standard Weight, Welded Plain End Black Steel Reducing Tee | 486.33 | 269.92 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *103.44* | |
| | | *For Work In Restricted Working Space, Add* | *121.30* | |
| 23 21 13 23-0485 | EA | 4" Standard Weight, Welded Plain End Black Steel Reducing Tee | 698.70 | 390.00 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *148.22* | |
| | | *For Work In Restricted Working Space, Add* | *175.39* | |
| 23 21 13 23-0486 | EA | 6" Standard Weight, Welded Plain End Black Steel Reducing Tee | 1,173.48 | 644.26 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *250.62* | |
| | | *For Work In Restricted Working Space, Add* | *289.77* | |
| 23 21 13 23-0487 | EA | 8" Standard Weight, Welded Plain End Black Steel Reducing Tee | 1,589.41 | 803.73 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *350.30* | |
| | | *For Work In Restricted Working Space, Add* | *361.50* | |
| 23 21 13 23-0488 | EA | 10" Standard Weight, Welded Plain End Black Steel Reducing Tee | 2,050.39 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *467.50* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0489 | EA | 12" Standard Weight, Welded Plain End Black Steel Reducing Tee | 2,787.79 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *646.55* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0490 | EA | 14" Standard Weight, Welded Plain End Black Steel Reducing Tee | 3,684.85 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *884.04* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0491 | EA | 16" Standard Weight, Welded Plain End Black Steel Reducing Tee | 4,435.91 | 1,687.86 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,065.07* | |
| | | *For Work In Restricted Working Space, Add* | *759.15* | |
| 23 21 13 23-0492 | EA | 18" Standard Weight, Welded Plain End Black Steel Reducing Tee | 5,924.12 | 1,875.40 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,482.01* | |
| | | *For Work In Restricted Working Space, Add* | *843.51* | |
| 23 21 13 23-0493 | EA | 20" Standard Weight, Welded Plain End Black Steel Reducing Tee | 8,083.65 | 2,109.87 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *2,092.96* | |
| | | *For Work In Restricted Working Space, Add* | *948.95* | |
| 23 21 13 23-0494 | EA | 24" Standard Weight, Welded Plain End Black Steel Reducing Tee | 9,853.37 | 2,272.16 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *2,598.33* | |
| | | *For Work In Restricted Working Space, Add* | *1,021.94* | |

## 23 21 13 23-0495 Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0393)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0496 | EA | 1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 206.66 | 72.24 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *50.63* | |
| | | *For Work In Restricted Working Space, Add* | *32.49* | |
| 23 21 13 23-0497 | EA | 1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 217.20 | 79.26 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *52.68* | |
| | | *For Work In Restricted Working Space, Add* | *35.65* | |
| 23 21 13 23-0498 | EA | 1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 214.44 | 77.42 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *52.14* | |
| | | *For Work In Restricted Working Space, Add* | *34.82* | |
| 23 21 13 23-0499 | EA | 1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 229.98 | 87.79 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *55.17* | |
| | | *For Work In Restricted Working Space, Add* | *39.48* | |
| 23 21 13 23-0500 | EA | 1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 222.20 | 82.60 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *53.66* | |
| | | *For Work In Restricted Working Space, Add* | *37.15* | |
| 23 21 13 23-0501 | EA | 1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 219.44 | 80.76 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *53.12* | |
| | | *For Work In Restricted Working Space, Add* | *36.32* | |
| 23 21 13 23-0502 | EA | 2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 216.75 | 104.82 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *48.52* | |
| | | *For Work In Restricted Working Space, Add* | *47.15* | |
| 23 21 13 23-0503 | EA | 2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 248.68 | 101.48 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *58.63* | |
| | | *For Work In Restricted Working Space, Add* | *45.65* | |
| 23 21 13 23-0504 | EA | 2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 240.90 | 96.31 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *57.11* | |
| | | *For Work In Restricted Working Space, Add* | *43.31* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0505 | EA | 2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 269.04 | 133.34 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *59.72* | |
| | | *For Work In Restricted Working Space, Add* | *59.97* | |
| 23 21 13 23-0506 | EA | 2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 260.39 | 119.64 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *59.28* | |
| | | *For Work In Restricted Working Space, Add* | *53.81* | |
| 23 21 13 23-0507 | EA | 2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 320.95 | 116.30 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *77.98* | |
| | | *For Work In Restricted Working Space, Add* | *52.31* | |
| 23 21 13 23-0508 | EA | 3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 300.08 | 149.63 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *66.46* | |
| | | *For Work In Restricted Working Space, Add* | *67.32* | |
| 23 21 13 23-0509 | EA | 3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 305.43 | 149.63 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *68.07* | |
| | | *For Work In Restricted Working Space, Add* | *67.32* | |
| 23 21 13 23-0510 | EA | 3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 316.76 | 149.63 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *71.47* | |
| | | *For Work In Restricted Working Space, Add* | *67.32* | |
| 23 21 13 23-0511 | EA | 4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 488.67 | 259.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *105.68* | |
| | | *For Work In Restricted Working Space, Add* | *116.93* | |
| 23 21 13 23-0512 | EA | 4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 494.03 | 259.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *107.28* | |
| | | *For Work In Restricted Working Space, Add* | *116.93* | |
| 23 21 13 23-0513 | EA | 4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 510.13 | 259.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *112.11* | |
| | | *For Work In Restricted Working Space, Add* | *116.93* | |
| 23 21 13 23-0514 | EA | 6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 838.52 | 423.33 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *184.91* | |
| | | *For Work In Restricted Working Space, Add* | *190.42* | |
| 23 21 13 23-0515 | EA | 6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 954.11 | 423.33 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *219.59* | |
| | | *For Work In Restricted Working Space, Add* | *190.42* | |
| 23 21 13 23-0516 | EA | 8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 1,225.71 | 644.26 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *266.29* | |
| | | *For Work In Restricted Working Space, Add* | *289.77* | |
| 23 21 13 23-0517 | EA | 8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 1,440.80 | 644.26 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *330.82* | |
| | | *For Work In Restricted Working Space, Add* | *289.77* | |
| 23 21 13 23-0518 | EA | 10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 1,451.03 | 740.91 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *318.68* | |
| | | *For Work In Restricted Working Space, Add* | *333.24* | |
| 23 21 13 23-0519 | EA | 10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 1,709.63 | 740.91 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *396.26* | |
| | | *For Work In Restricted Working Space, Add* | *333.24* | |
| 23 21 13 23-0520 | EA | 10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 2,049.86 | 740.91 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *498.32* | |
| | | *For Concentric Reducers, Deduct* | *-300.50* | |
| | | *For Work In Restricted Working Space, Add* | *333.24* | |
| 23 21 13 23-0521 | EA | 12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 1,733.61 | 802.17 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *393.80* | |
| | | *For Work In Restricted Working Space, Add* | *360.81* | |
| 23 21 13 23-0522 | EA | 12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 2,035.71 | 802.17 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *484.43* | |
| | | *For Work In Restricted Working Space, Add* | *360.81* | |
| 23 21 13 23-0523 | EA | 12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 2,546.35 | 802.17 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *637.62* | |
| | | *For Concentric Reducers, Deduct* | *-429.96* | |
| | | *For Work In Restricted Working Space, Add* | *360.81* | |
| 23 21 13 23-0524 | EA | 12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 1,725.04 | 802.17 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *391.23* | |
| | | *For Concentric Reducers, Deduct* | *-167.15* | |
| | | *For Work In Restricted Working Space, Add* | *360.81* | |
| 23 21 13 23-0525 | EA | 14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 2,337.75 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *553.71* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0526 | EA | 14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 2,496.84 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *601.44* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0527 | EA | 14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 4,082.92 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,077.26* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0528 | EA | 16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 3,006.83 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *735.98* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0529 | EA | 16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 3,475.18 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *876.49* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0530 | EA | 16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 3,657.50 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *931.19* | |
| | | *For Concentric Reducers, Deduct* | *-664.30* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0531 | EA | 16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 5,711.39 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,547.35* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0532 | EA | 16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 6,733.43 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,853.96* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0533 | EA | 18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 4,375.01 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,122.71* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0534 | EA | 18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 2,267.89 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *490.58* | |
| | | *For Concentric Reducers, Deduct* | *-147.32* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0535 | EA | 18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 4,621.10 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,196.54* | |
| | | *For Concentric Reducers, Deduct* | *-900.35* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0536 | EA | 18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 4,983.97 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,305.40* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0537 | EA | 18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 8,051.66 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *2,225.71* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0538 | EA | 20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 5,265.47 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,365.36* | |
| | | *For Concentric Reducers, Deduct* | *-1,031.91* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0539 | EA | 20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 5,257.13 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,362.86* | |
| | | *For Concentric Reducers, Deduct* | *-1,029.24* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0540 | EA | 20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 9,315.46 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *2,580.36* | |
| | | *For Concentric Reducers, Deduct* | *-2,327.91* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0541 | EA | 20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 10,943.29 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *3,068.71* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0542 | EA | 20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 13,385.13 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *3,801.26* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0543 | EA | 24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 6,336.90 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,679.65* | |
| | | *For Concentric Reducers, Deduct* | *-1,353.00* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0544 | EA | 24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 6,828.88 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,827.24* | |
| | | *For Concentric Reducers, Deduct* | *-1,510.44* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0545 | EA | 24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer | 9,114.73 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *2,513.00* | |
| | | *For Concentric Reducers, Deduct* | *-2,241.91* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0546 | EA | 24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 13,368.48 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *3,789.12* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0547 | EA | 24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer | 16,558.02 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *4,745.99* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |

## 23 21 13 23-0548 Welded Plain End Black Steel Concentric Reducers *(23 21 13 23-0393)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0549 | EA | 1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 180.91 | 72.24 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *42.90* | |
| | | *For Work In Restricted Working Space, Add* | *32.49* | |
| 23 21 13 23-0550 | EA | 1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 191.45 | 79.26 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *44.96* | |
| | | *For Work In Restricted Working Space, Add* | *35.65* | |
| 23 21 13 23-0551 | EA | 1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 188.69 | 77.42 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *44.42* | |
| | | *For Work In Restricted Working Space, Add* | *34.82* | |
| 23 21 13 23-0552 | EA | 1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 204.23 | 87.79 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *47.45* | |
| | | *For Work In Restricted Working Space, Add* | *39.48* | |
| 23 21 13 23-0553 | EA | 1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 196.45 | 82.60 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *45.93* | |
| | | *For Work In Restricted Working Space, Add* | *37.15* | |
| 23 21 13 23-0554 | EA | 1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 193.69 | 80.76 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *45.39* | |
| | | *For Work In Restricted Working Space, Add* | *36.32* | |
| 23 21 13 23-0555 | EA | 2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 203.62 | 104.82 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *44.59* | |
| | | *For Work In Restricted Working Space, Add* | *47.15* | |
| 23 21 13 23-0556 | EA | 2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 198.63 | 101.48 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *43.61* | |
| | | *For Work In Restricted Working Space, Add* | *45.65* | |
| 23 21 13 23-0557 | EA | 2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 208.73 | 96.31 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *47.46* | |
| | | *For Work In Restricted Working Space, Add* | *43.31* | |
| 23 21 13 23-0558 | EA | 2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 259.51 | 133.34 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *56.86* | |
| | | *For Work In Restricted Working Space, Add* | *59.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0559 | EA | 2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 255.04 | 119.64 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *57.68* | |
| | | *For Work In Restricted Working Space, Add* | *53.81* | |
| 23 21 13 23-0560 | EA | 2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 275.66 | 116.30 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *64.39* | |
| | | *For Work In Restricted Working Space, Add* | *52.31* | |
| 23 21 13 23-0561 | EA | 3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 272.67 | 149.63 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *58.24* | |
| | | *For Work In Restricted Working Space, Add* | *67.32* | |
| 23 21 13 23-0562 | EA | 3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 276.24 | 149.63 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *59.31* | |
| | | *For Work In Restricted Working Space, Add* | *67.32* | |
| 23 21 13 23-0563 | EA | 3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 284.00 | 149.63 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *61.64* | |
| | | *For Work In Restricted Working Space, Add* | *67.32* | |
| 23 21 13 23-0564 | EA | 4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 451.73 | 259.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *94.59* | |
| | | *For Work In Restricted Working Space, Add* | *116.93* | |
| 23 21 13 23-0565 | EA | 4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 465.44 | 259.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *98.71* | |
| | | *For Work In Restricted Working Space, Add* | *116.93* | |
| 23 21 13 23-0566 | EA | 4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 465.44 | 259.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *98.71* | |
| | | *For Work In Restricted Working Space, Add* | *116.93* | |
| 23 21 13 23-0567 | EA | 6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 764.66 | 423.33 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *162.75* | |
| | | *For Work In Restricted Working Space, Add* | *190.42* | |
| 23 21 13 23-0568 | EA | 6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 792.05 | 423.33 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *170.97* | |
| | | *For Work In Restricted Working Space, Add* | *190.42* | |
| 23 21 13 23-0569 | EA | 8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 1,136.33 | 644.26 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *239.48* | |
| | | *For Work In Restricted Working Space, Add* | *289.77* | |
| 23 21 13 23-0570 | EA | 8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 1,185.19 | 644.26 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *254.14* | |
| | | *For Work In Restricted Working Space, Add* | *289.77* | |
| 23 21 13 23-0571 | EA | 10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 1,441.50 | 740.91 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *315.82* | |
| | | *For Work In Restricted Working Space, Add* | *333.24* | |
| 23 21 13 23-0572 | EA | 10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 1,421.24 | 740.91 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *309.74* | |
| | | *For Work In Restricted Working Space, Add* | *333.24* | |
| 23 21 13 23-0573 | EA | 10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 1,676.27 | 740.91 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *386.25* | |
| | | *For Work In Restricted Working Space, Add* | *333.24* | |
| 23 21 13 23-0574 | EA | 12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 1,611.47 | 802.17 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *357.16* | |
| | | *For Work In Restricted Working Space, Add* | *360.81* | |
| 23 21 13 23-0575 | EA | 12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 1,672.70 | 802.17 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *375.53* | |
| | | *For Work In Restricted Working Space, Add* | *360.81* | |
| 23 21 13 23-0576 | EA | 12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 1,694.88 | 802.17 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *382.18* | |
| | | *For Work In Restricted Working Space, Add* | *360.81* | |
| 23 21 13 23-0577 | EA | 12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 2,344.95 | 802.17 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *577.20* | |
| | | *For Work In Restricted Working Space, Add* | *360.81* | |
| 23 21 13 23-0578 | EA | 14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 2,020.75 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *458.61* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0579 | EA | 14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 2,247.77 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *526.72* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0580 | EA | 14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 2,444.99 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *585.88* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0581 | EA | 14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 3,207.23 | 937.65 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *814.56* | |
| | | *For Work In Restricted Working Space, Add* | *421.75* | |
| 23 21 13 23-0582 | EA | 16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 2,657.66 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *631.23* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0583 | EA | 16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 2,657.66 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *631.23* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0584 | EA | 16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 2,770.88 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *665.20* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0585 | EA | 16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 3,146.85 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *777.99* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0586 | EA | 16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 4,703.95 | 1,054.93 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,245.12* | |
| | | *For Work In Restricted Working Space, Add* | *474.47* | |
| 23 21 13 23-0587 | EA | 18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 2,983.12 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *705.15* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0588 | EA | 18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 3,273.30 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *792.20* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0589 | EA | 18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 3,394.85 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *828.67* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0590 | EA | 18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 3,725.53 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *927.87* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0591 | EA | 18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 7,525.73 | 1,205.59 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *2,067.93* | |
| | | *For Work In Restricted Working Space, Add* | *542.25* | |
| 23 21 13 23-0592 | EA | 20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 4,058.27 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,003.20* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0593 | EA | 20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 4,058.27 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,003.20* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0594 | EA | 20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 4,141.10 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,028.05* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0595 | EA | 20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 4,631.49 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,175.17* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0596 | EA | 20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 5,484.73 | 1,361.12 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,431.14* | |
| | | *For Work In Restricted Working Space, Add* | *612.22* | |
| 23 21 13 23-0597 | EA | 24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 4,390.87 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,095.84* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0598 | EA | 24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 4,442.69 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,111.39* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0599 | EA | 24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 4,543.98 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,141.77* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0600 | EA | 24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 6,889.24 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,845.35* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |
| 23 21 13 23-0601 | EA | 24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer | 7,352.22 | 1,406.58 |
| | | *For Schedule 80 Or Extra Heavy Fittings, Add* | *1,984.25* | |
| | | *For Work In Restricted Working Space, Add* | *632.63* | |

### 23 21 13 23-0602 Welded Plain End Black Steel Caps *(23 21 13 23-0393)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0603 | EA | 1" Standard Weight, Welded Plain End Black Steel Cap | 67.34 | 37.10 |
| | | *For Schedule 80 Fittings, Add* | *13.26* | |
| | | *For Work In Restricted Working Space, Add* | *16.66* | |
| 23 21 13 23-0604 | EA | 1-1/4" Standard Weight, Welded Plain End Black Steel Cap | 73.62 | 40.77 |
| | | *For Schedule 80 Fittings, Add* | *14.45* | |
| | | *For Work In Restricted Working Space, Add* | *18.33* | |
| 23 21 13 23-0605 | EA | 1-1/2" Standard Weight, Welded Plain End Black Steel Cap | 76.58 | 42.22 |
| | | *For Schedule 80 Fittings, Add* | *15.06* | |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 23 21 13 23-0606 | EA | 2" Standard Weight, Welded Plain End Black Steel Cap | 94.37 | 54.09 |
| | | *For Schedule 80 Fittings, Add* | *18.17* | |
| | | *For Work In Restricted Working Space, Add* | *24.33* | |
| 23 21 13 23-0607 | EA | 2-1/2" Standard Weight, Welded Plain End Black Steel Cap | 111.02 | 65.21 |
| | | *For Schedule 80 Fittings, Add* | *21.09* | |
| | | *For Work In Restricted Working Space, Add* | *29.33* | |
| 23 21 13 23-0608 | EA | 3" Standard Weight, Welded Plain End Black Steel Cap | 131.94 | 75.20 |
| | | *For Schedule 80 Fittings, Add* | *25.49* | |
| | | *For Work In Restricted Working Space, Add* | *33.83* | |
| 23 21 13 23-0609 | EA | 4" Standard Weight, Welded Plain End Black Steel Cap | 220.39 | 129.96 |
| | | *For Schedule 80 Fittings, Add* | *41.76* | |
| | | *For Work In Restricted Working Space, Add* | *58.46* | |
| 23 21 13 23-0610 | EA | 6" Standard Weight, Welded Plain End Black Steel Cap | 370.42 | 214.72 |
| | | *For Schedule 80 Fittings, Add* | *70.88* | |
| | | *For Work In Restricted Working Space, Add* | *96.59* | |
| 23 21 13 23-0611 | EA | 8" Standard Weight, Welded Plain End Black Steel Cap | 523.97 | 301.02 |
| | | *For Schedule 80 Fittings, Add* | *100.78* | |
| | | *For Work In Restricted Working Space, Add* | *135.38* | |
| 23 21 13 23-0612 | EA | 10" Standard Weight, Welded Plain End Black Steel Cap | 697.21 | 380.00 |
| | | *For Schedule 80 Fittings, Add* | *137.96* | |
| | | *For Work In Restricted Working Space, Add* | *170.89* | |
| 23 21 13 23-0613 | EA | 12" Standard Weight, Welded Plain End Black Steel Cap | 747.99 | 392.52 |
| | | *For Schedule 80 Fittings, Add* | *150.84* | |
| | | *For Work In Restricted Working Space, Add* | *176.55* | |
| 23 21 13 23-0614 | EA | 14" Standard Weight, Welded Plain End Black Steel Cap | 1,002.74 | 468.82 |
| | | *For Schedule 80 Fittings, Add* | *212.96* | |
| | | *For Work In Restricted Working Space, Add* | *210.88* | |
| 23 21 13 23-0615 | EA | 16" Standard Weight, Welded Plain End Black Steel Cap | 1,164.57 | 544.45 |
| | | *For Schedule 80 Fittings, Add* | *247.33* | |
| | | *For Work In Restricted Working Space, Add* | *244.89* | |
| 23 21 13 23-0616 | EA | 18" Standard Weight, Welded Plain End Black Steel Cap | 1,304.30 | 602.84 |
| | | *For Schedule 80 Fittings, Add* | *278.32* | |
| | | *For Work In Restricted Working Space, Add* | *271.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 21 13 23-0617** | | **150 LB, Welded Plain End Black Steel Neck Flanges** *(23 21 13 23-0393)* | | |
| | | Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set. | | |
| 23 21 13 23-0618 | EA | 2", 150 LB, Welded Plain End Black Steel Neck Flange | 164.46 | 83.75 |
| | | *For 300 LB Rating, Add* | *40.41* | |
| | | *For Work In Restricted Working Space, Add* | *37.67* | |
| 23 21 13 23-0619 | EA | 2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange | 195.58 | 104.52 |
| | | *For 300 LB Rating, Add* | *43.68* | |
| | | *For Work In Restricted Working Space, Add* | *47.01* | |
| 23 21 13 23-0620 | EA | 3", 150 LB, Welded Plain End Black Steel Neck Flange | 218.09 | 119.52 |
| | | *For 300 LB Rating, Add* | *46.06* | |
| | | *For Work In Restricted Working Space, Add* | *53.75* | |
| 23 21 13 23-0621 | EA | 4", 150 LB, Welded Plain End Black Steel Neck Flange | 285.94 | 157.62 |
| | | *For 300 LB Rating, Add* | *59.54* | |
| | | *For Work In Restricted Working Space, Add* | *70.90* | |
| 23 21 13 23-0622 | EA | 6", 150 LB, Welded Plain End Black Steel Neck Flange | 434.64 | 239.04 |
| | | *For 300 LB Rating, Add* | *91.05* | |
| | | *For Work In Restricted Working Space, Add* | *107.50* | |
| 23 21 13 23-0623 | EA | 8", 150 LB, Welded Plain End Black Steel Neck Flange | 461.48 | 228.14 |
| | | *For 300 LB Rating, Add* | *119.57* | |
| | | *For Work In Restricted Working Space, Add* | *102.59* | |
| 23 21 13 23-0624 | EA | 10" , 150 LB, Welded Plain End Black Steel Neck Flange | 603.53 | 286.04 |
| | | *For 300 LB Rating, Add* | *167.28* | |
| | | *For Work In Restricted Working Space, Add* | *128.67* | |
| 23 21 13 23-0625 | EA | 12" , 150 LB, Welded Plain End Black Steel Neck Flange | 741.27 | 324.59 |
| | | *For 300 LB Rating, Add* | *229.34* | |
| | | *For Work In Restricted Working Space, Add* | *145.99* | |
| 23 21 13 23-0626 | EA | 14" , 150 LB, Welded Plain End Black Steel Neck Flange | 975.04 | 392.52 |
| | | *For 300 LB Rating, Add* | *332.38* | |
| | | *For Work In Restricted Working Space, Add* | *176.55* | |
| 23 21 13 23-0627 | EA | 16", 150 LB, Welded Plain End Black Steel Neck Flange | 1,287.85 | 456.18 |
| | | *For 300 LB Rating, Add* | *494.56* | |
| | | *For Work In Restricted Working Space, Add* | *205.18* | |
| 23 21 13 23-0628 | EA | 18", 150 LB, Welded Plain End Black Steel Neck Flange | 1,605.24 | 511.46 |
| | | *For 300 LB Rating, Add* | *667.41* | |
| | | *For Work In Restricted Working Space, Add* | *230.05* | |
| 23 21 13 23-0629 | EA | 20", 150 LB, Welded Plain End Black Steel Neck Flange | 2,035.17 | 649.17 |
| | | *For 300 LB Rating, Add* | *845.52* | |
| | | *For Work In Restricted Working Space, Add* | *291.98* | |
| 23 21 13 23-0630 | EA | 24", 150 LB, Welded Plain End Black Steel Neck Flange | 2,315.36 | 703.29 |
| | | *For 300 LB Rating, Add* | *993.40* | |
| | | *For Work In Restricted Working Space, Add* | *316.31* | |
| **23 21 13 23-0631** | | **150 LB, Welded Black Steel Slip-On Flanges** *(23 21 13 23-0393)* | | |
| | | Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set. | | |
| 23 21 13 23-0632 | EA | 2", 150 LB, Welded Black Steel Slip-On Flanges | 118.57 | 83.75 |
| | | *For 300 LB Rating, Add* | *27.24* | |
| | | *For Work In Restricted Working Space, Add* | *29.99* | |
| 23 21 13 23-0633 | EA | 2-1/2", 150 LB, Welded Black Steel Slip-On Flange | 146.08 | 104.52 |
| | | *For 300 LB Rating, Add* | *34.33* | |
| | | *For Work In Restricted Working Space, Add* | *36.66* | |
| 23 21 13 23-0634 | EA | 3", 150 LB, Welded Black Steel Slip-On Flange | 172.52 | 119.52 |
| | | *For 300 LB Rating, Add* | *40.46* | |
| | | *For Work In Restricted Working Space, Add* | *43.32* | |
| 23 21 13 23-0635 | EA | 4", 150 LB, Welded Black Steel Slip-On Flange | 227.20 | 157.62 |
| | | *For 300 LB Rating, Add* | *54.35* | |
| | | *For Work In Restricted Working Space, Add* | *56.65* | |
| 23 21 13 23-0636 | EA | 6", 150 LB, Welded Black Steel Slip-On Flange | 336.73 | 239.04 |
| | | *For 300 LB Rating, Add* | *82.29* | |
| | | *For Work In Restricted Working Space, Add* | *83.31* | |
| 23 21 13 23-0637 | EA | 8", 150 LB, Welded Black Steel Slip-On Flange | 401.24 | 228.14 |
| | | *For 300 LB Rating, Add* | *113.52* | |
| | | *For Work In Restricted Working Space, Add* | *93.43* | |
| 23 21 13 23-0638 | EA | 10", 150 LB, Welded Black Steel Slip-On Flange | 544.34 | 286.04 |
| | | *For 300 LB Rating, Add* | *180.40* | |
| | | *For Work In Restricted Working Space, Add* | *116.79* | |
| 23 21 13 23-0639 | EA | 12", 150 LB, Welded Black Steel Slip-On Flange | 711.77 | 324.59 |
| | | *For 300 LB Rating, Add* | *269.19* | |
| | | *For Work In Restricted Working Space, Add* | *140.15* | |
| 23 21 13 23-0640 | EA | 14", 150 LB, Welded Black Steel Slip-On Flange | 902.40 | 392.52 |
| | | *For 300 LB Rating, Add* | *378.86* | |
| | | *For Work In Restricted Working Space, Add* | *163.51* | |
| 23 21 13 23-0641 | EA | 16", 150 LB, Welded Black Steel Slip-On Flange | 1,084.60 | 456.18 |
| | | *For 300 LB Rating, Add* | *496.41* | |
| | | *For Work In Restricted Working Space, Add* | *181.03* | |
| 23 21 13 23-0642 | EA | 18", 150 LB, Welded Black Steel Slip-On Flange | 1,201.34 | 511.46 |
| | | *For 300 LB Rating, Add* | *555.05* | |
| | | *For Work In Restricted Working Space, Add* | *198.55* | |
| 23 21 13 23-0643 | EA | 20", 150 LB, Welded Black Steel Slip-On Flange | 1,333.45 | 649.17 |
| | | *For 300 LB Rating, Add* | *627.53* | |
| | | *For Work In Restricted Working Space, Add* | *216.07* | |
| 23 21 13 23-0644 | EA | 24", 150 LB, Welded Black Steel Slip-On Flange | 1,526.04 | 703.29 |
| | | *For 300 LB Rating, Add* | *708.01* | |
| | | *For Work In Restricted Working Space, Add* | *251.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 21 13 23-0645** | | **150 LB, Forged Steel Blind Flanges** *(23 21 13 23-0393)* | | |
| 23 21 13 23-0646 | EA | 2", 150 LB, Forged Steel Blind Flange | 80.03 | 29.04 |
| | | *For 300 LB Rating, Add* | *23.66* | |
| | | *For 600 LB Rating, Add* | *61.39* | |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| 23 21 13 23-0647 | EA | 2-1/2", 150 LB, Forged Steel Blind Flange | 105.28 | 34.85 |
| | | *For 300 LB Rating, Add* | *35.79* | |
| | | *For 600 LB Rating, Add* | *95.87* | |
| | | *For Work In Restricted Working Space, Add* | *20.91* | |
| 23 21 13 23-0648 | EA | 3", 150 LB, Forged Steel Blind Flange | 129.74 | 46.47 |
| | | *For 300 LB Rating, Add* | *39.21* | |
| | | *For 600 LB Rating, Add* | *102.28* | |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 23 21 13 23-0649 | EA | 4", 150 LB, Forged Steel Blind Flange | 166.90 | 58.08 |
| | | *For 300 LB Rating, Add* | *52.79* | |
| | | *For 600 LB Rating, Add* | *139.20* | |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 23 21 13 23-0650 | EA | 6", 150 LB, Forged Steel Blind Flange | 227.89 | 75.51 |
| | | *For 300 LB Rating, Add* | *77.36* | |
| | | *For 600 LB Rating, Add* | *207.16* | |
| | | *For Work In Restricted Working Space, Add* | *45.30* | |
| 23 21 13 23-0651 | EA | 8", 150 LB, Forged Steel Blind Flange | 296.20 | 87.12 |
| | | *For 300 LB Rating, Add* | *115.86* | |
| | | *For 600 LB Rating, Add* | *318.84* | |
| | | *For Work In Restricted Working Space, Add* | *52.27* | |
| 23 21 13 23-0652 | EA | 10", 150 LB, Forged Steel Blind Flange | 447.25 | 104.54 |
| | | *For 300 LB Rating, Add* | *212.48* | |
| | | *For 600 LB Rating, Add* | *602.95* | |
| | | *For Work In Restricted Working Space, Add* | *62.73* | |
| 23 21 13 23-0653 | EA | 12", 150 LB, Forged Steel Blind Flange | 581.02 | 121.97 |
| | | *For 300 LB Rating, Add* | *295.28* | |
| | | *For 600 LB Rating, Add* | *845.58* | |
| | | *For Work In Restricted Working Space, Add* | *73.18* | |
| 23 21 13 23-0654 | EA | 14", 150 LB, Forged Steel Blind Flange | 972.81 | 139.40 |
| | | *For 300 LB Rating, Add* | *584.50* | |
| | | *For Work In Restricted Working Space, Add* | *83.63* | |
| 23 21 13 23-0655 | EA | 16", 150 LB, Forged Steel Blind Flange | 1,045.18 | 156.82 |
| | | *For 300 LB Rating, Add* | *618.17* | |
| | | *For Work In Restricted Working Space, Add* | *94.09* | |
| 23 21 13 23-0656 | EA | 18", 150 LB, Forged Steel Blind Flange | 1,177.89 | 191.66 |
| | | *For 300 LB Rating, Add* | *675.90* | |
| | | *For Work In Restricted Working Space, Add* | *115.00* | |
| 23 21 13 23-0657 | EA | 20", 150 LB, Forged Steel Blind Flange | 1,506.07 | 209.09 |
| | | *For 300 LB Rating, Add* | *914.22* | |
| | | *For Work In Restricted Working Space, Add* | *125.45* | |
| 23 21 13 23-0658 | EA | 24", 150 LB, Forged Steel Blind Flange | 2,045.38 | 243.94 |
| | | *For 300 LB Rating, Add* | *1,297.23* | |
| | | *For Work In Restricted Working Space, Add* | *146.36* | |
| **23 21 13 23-0659** | | **3,000 LB, Forge Steel Thread-O-Lets** *(23 21 13 23-0393)* | | |
| 23 21 13 23-0660 | EA | 1/2", 3,000 LB, Forge Steel Thread-O-Let | 81.90 | |
| | | *For Weld-O-Lets, Add* | *5.96* | |
| | | *For Sock-O-Lets, Add* | *31.72* | |
| | | *For Work In Restricted Working Space, Add* | *20.99* | |
| 23 21 13 23-0661 | EA | 3/4", 3,000 LB, Forge Steel Thread-O-Let | 87.32 | |
| | | *For Weld-O-Lets, Add* | *7.00* | |
| | | *For Sock-O-Lets, Add* | *33.88* | |
| | | *For Work In Restricted Working Space, Add* | *22.00* | |
| 23 21 13 23-0662 | EA | 1", 3,000 LB, Forge Steel Thread-O-Let | 93.45 | |
| | | *For Weld-O-Lets, Add* | *7.85* | |
| | | *For Sock-O-Lets, Add* | *36.30* | |
| | | *For Work In Restricted Working Space, Add* | *23.33* | |
| 23 21 13 23-0663 | EA | 1-1/4", 3,000 LB, Forge Steel Thread-O-Let | 105.57 | |
| | | *For Weld-O-Lets, Add* | *11.13* | |
| | | *For Sock-O-Lets, Add* | *41.23* | |
| | | *For Work In Restricted Working Space, Add* | *24.99* | |
| 23 21 13 23-0664 | EA | 1-1/2", 3,000 LB, Forge Steel Thread-O-Let | 116.67 | |
| | | *For Weld-O-Lets, Add* | *11.13* | |
| | | *For Sock-O-Lets, Add* | *45.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.32* | |
| 23 21 13 23-0665 | EA | 2", 3,000 LB, Forge Steel Thread-O-Let | 151.26 | |
| | | *For Weld-O-Lets, Add* | *13.92* | |
| | | *For Sock-O-Lets, Add* | *58.87* | |
| | | *For Work In Restricted Working Space, Add* | *37.03* | |
| 23 21 13 23-0666 | EA | 2-1/2", 3,000 LB, Forge Steel Thread-O-Let | 259.71 | |
| | | *For Weld-O-Lets, Add* | *50.51* | |
| | | *For Sock-O-Lets, Add* | *103.74* | |
| | | *For Work In Restricted Working Space, Add* | *47.61* | |
| 23 21 13 23-0667 | EA | 3", 3,000 LB, Forge Steel Thread-O-Let | 323.78 | |
| | | *For Weld-O-Lets, Add* | *50.81* | |
| | | *For Sock-O-Lets, Add* | *128.12* | |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0668 | EA | 4", 3,000 LB, Forge Steel Thread-O-Let | 476.62 | |
| | | *For Weld-O-Lets, Add* | *99.46* | |
| | | *For Sock-O-Lets, Add* | *191.06* | |
| | | *For Work In Restricted Working Space, Add* | *83.31* | |
| 23 21 13 23-0669 | | **Class 150 Flange, Steel Bolt And Gasket Sets** *(23 21 13 23-0393)* | | |
| | | Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. | | |
| 23 21 13 23-0670 | EA | 3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 11.05 | |
| | | Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *3.09* | |
| | | *For Hot Dip Galvanized, Add* | *4.42* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *7.74* | |
| 23 21 13 23-0671 | EA | 2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 13.97 | |
| | | Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *3.91* | |
| | | *For Hot Dip Galvanized, Add* | *5.59* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *9.78* | |
| 23 21 13 23-0672 | EA | 2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 14.14 | |
| | | Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *3.96* | |
| | | *For Hot Dip Galvanized, Add* | *5.66* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *9.90* | |
| 23 21 13 23-0673 | EA | 3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 14.23 | |
| | | Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *3.98* | |
| | | *For Hot Dip Galvanized, Add* | *5.69* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *9.96* | |
| 23 21 13 23-0674 | EA | 4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 31.41 | |
| | | Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *8.79* | |
| | | *For Hot Dip Galvanized, Add* | *12.56* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *21.99* | |
| 23 21 13 23-0675 | EA | 5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 44.81 | |
| | | Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *12.55* | |
| | | *For Hot Dip Galvanized, Add* | *17.92* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *31.37* | |
| 23 21 13 23-0676 | EA | 6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 48.52 | |
| | | Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *13.59* | |
| | | *For Hot Dip Galvanized, Add* | *19.41* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *33.96* | |
| 23 21 13 23-0677 | EA | 8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 53.33 | |
| | | Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *14.93* | |
| | | *For Hot Dip Galvanized, Add* | *21.33* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *37.33* | |
| 23 21 13 23-0678 | EA | 10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 117.34 | |
| | | Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *32.86* | |
| | | *For Hot Dip Galvanized, Add* | *46.94* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *82.14* | |
| 23 21 13 23-0679 | EA | 12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 119.97 | |
| | | Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *33.59* | |
| | | *For Hot Dip Galvanized, Add* | *47.99* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *83.98* | |
| 23 21 13 23-0680 | EA | 14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 134.60 | |
| | | Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *37.69* | |
| | | *For Hot Dip Galvanized, Add* | *53.84* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *94.22* | |
| 23 21 13 23-0681 | EA | 16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 222.78 | |
| | | Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *62.38* | |
| | | *For Hot Dip Galvanized, Add* | *89.11* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *155.95* | |
| 23 21 13 23-0682 | EA | 18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 320.47 | |
| | | Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *89.73* | |
| | | *For Hot Dip Galvanized, Add* | *128.19* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *224.33* | |
| 23 21 13 23-0683 | EA | 20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 404.96 | |
| | | Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *113.39* | |
| | | *For Hot Dip Galvanized, Add* | *161.98* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *283.47* | |
| 23 21 13 23-0684 | EA | 24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set | 576.45 | |
| | | Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut. | | |
| | | *For Zinc Plated, Add* | *161.41* | |
| | | *For Hot Dip Galvanized, Add* | *230.58* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *403.52* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0685 | EA | 30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut. | 909.75 | |
| | | *For Zinc Plated, Add* | *254.73* | |
| | | *For Hot Dip Galvanized, Add* | *363.90* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *636.83* | |
| 23 21 13 23-0686 | EA | 36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut. | 1,293.64 | |
| | | *For Zinc Plated, Add* | *362.22* | |
| | | *For Hot Dip Galvanized, Add* | *517.46* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *905.55* | |

## 23 21 13 23-0687 Class 300 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0688 | EA | 3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut. | 18.19 | |
| | | *For Zinc Plated, Add* | *5.09* | |
| | | *For Hot Dip Galvanized, Add* | *7.28* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *12.73* | |
| 23 21 13 23-0689 | EA | 2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut. | 32.63 | |
| | | *For Zinc Plated, Add* | *9.14* | |
| | | *For Hot Dip Galvanized, Add* | *13.05* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *22.84* | |
| 23 21 13 23-0690 | EA | 2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. | 50.30 | |
| | | *For Zinc Plated, Add* | *14.08* | |
| | | *For Hot Dip Galvanized, Add* | *20.12* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *35.21* | |
| 23 21 13 23-0691 | EA | 3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. | 54.66 | |
| | | *For Zinc Plated, Add* | *15.30* | |
| | | *For Hot Dip Galvanized, Add* | *21.86* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *38.26* | |
| 23 21 13 23-0692 | EA | 4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. | 55.84 | |
| | | *For Zinc Plated, Add* | *15.64* | |
| | | *For Hot Dip Galvanized, Add* | *22.34* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *39.09* | |
| 23 21 13 23-0693 | EA | 5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. | 61.09 | |
| | | *For Zinc Plated, Add* | *17.11* | |
| | | *For Hot Dip Galvanized, Add* | *24.44* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *42.76* | |
| 23 21 13 23-0694 | EA | 6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut. | 86.88 | |
| | | *For Zinc Plated, Add* | *24.33* | |
| | | *For Hot Dip Galvanized, Add* | *34.75* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *60.82* | |
| 23 21 13 23-0695 | EA | 8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut. | 134.45 | |
| | | *For Zinc Plated, Add* | *37.65* | |
| | | *For Hot Dip Galvanized, Add* | *53.78* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *94.12* | |
| 23 21 13 23-0696 | EA | 10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut. | 244.03 | |
| | | *For Zinc Plated, Add* | *68.33* | |
| | | *For Hot Dip Galvanized, Add* | *97.61* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *170.82* | |
| 23 21 13 23-0697 | EA | 12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut. | 351.02 | |
| | | *For Zinc Plated, Add* | *98.29* | |
| | | *For Hot Dip Galvanized, Add* | *140.41* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *245.71* | |
| 23 21 13 23-0698 | EA | 14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut. | 479.68 | |
| | | *For Zinc Plated, Add* | *134.31* | |
| | | *For Hot Dip Galvanized, Add* | *191.87* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *335.78* | |
| 23 21 13 23-0699 | EA | 16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut. | 660.87 | |
| | | *For Zinc Plated, Add* | *185.04* | |
| | | *For Hot Dip Galvanized, Add* | *264.35* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *462.61* | |
| 23 21 13 23-0700 | EA | 18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut. | 849.52 | |
| | | *For Zinc Plated, Add* | *237.87* | |
| | | *For Hot Dip Galvanized, Add* | *339.81* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *594.66* | |
| 23 21 13 23-0701 | EA | 20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut. | 902.33 | |
| | | *For Zinc Plated, Add* | *252.65* | |
| | | *For Hot Dip Galvanized, Add* | *360.93* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *631.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0702 | EA | 24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut. | 1,145.51 | |
| | | *For Zinc Plated, Add* | *320.74* | |
| | | *For Hot Dip Galvanized, Add* | *458.20* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *801.86* | |
| 23 21 13 23-0703 | EA | 30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut. | 1,802.48 | |
| | | *For Zinc Plated, Add* | *504.69* | |
| | | *For Hot Dip Galvanized, Add* | *720.99* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *1,261.74* | |
| 23 21 13 23-0704 | EA | 36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set<br>Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut. | 2,721.38 | |
| | | *For Zinc Plated, Add* | *761.99* | |
| | | *For Hot Dip Galvanized, Add* | *1,088.55* | |
| | | *For Advanced Fluoropolymer (Blue Coating), Add* | *1,904.97* | |
| **23 21 13 23-0705** | | **150 LB, Rubber Flange Gasket Replacement** *(23 21 13 23-0393)*<br>Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting. | | |
| 23 21 13 23-0706 | EA | 1/2", 150 LB, Rubber Flange Gasket Replacement | 32.71 | |
| | | *For 300 LB Rating Gasket Set, Add* | *0.22* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *4.79* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *5.52* | |
| | | *For Work In Restricted Working Space, Add* | *9.63* | |
| 23 21 13 23-0707 | EA | 3/4", 150 LB, Rubber Flange Gasket Replacement | 35.07 | |
| | | *For 300 LB Rating Gasket Set, Add* | *0.29* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *6.42* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *7.39* | |
| | | *For Work In Restricted Working Space, Add* | *10.27* | |
| 23 21 13 23-0708 | EA | 1", 150 LB, Rubber Flange Gasket Replacement | 38.89 | |
| | | *For 300 LB Rating Gasket Set, Add* | *0.51* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *11.21* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *12.91* | |
| | | *For Work In Restricted Working Space, Add* | *11.23* | |
| 23 21 13 23-0709 | EA | 1-1/4", 150 LB, Rubber Flange Gasket Replacement | 42.31 | |
| | | *For 300 LB Rating Gasket Set, Add* | *0.58* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *12.83* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *14.77* | |
| | | *For Work In Restricted Working Space, Add* | *12.20* | |
| 23 21 13 23-0710 | EA | 1-1/2", 150 LB, Rubber Flange Gasket Replacement | 47.00 | |
| | | *For 300 LB Rating Gasket Set, Add* | *0.72* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *16.00* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *18.42* | |
| | | *For Work In Restricted Working Space, Add* | *13.48* | |
| 23 21 13 23-0711 | EA | 2", 150 LB, Rubber Flange Gasket Replacement | 52.12 | |
| | | *For 300 LB Rating Gasket Set, Add* | *1.02* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *22.42* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *25.81* | |
| | | *For Work In Restricted Working Space, Add* | *14.77* | |
| 23 21 13 23-0712 | EA | 2-1/2", 150 LB, Rubber Flange Gasket Replacement | 61.71 | |
| | | *For 300 LB Rating Gasket Set, Add* | *1.38* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *30.46* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *35.07* | |
| | | *For Work In Restricted Working Space, Add* | *17.33* | |
| 23 21 13 23-0713 | EA | 3", 150 LB, Rubber Flange Gasket Replacement | 65.54 | |
| | | *For 300 LB Rating Gasket Set, Add* | *1.60* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *35.25* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *40.58* | |
| | | *For Work In Restricted Working Space, Add* | *18.29* | |
| 23 21 13 23-0714 | EA | 4", 150 LB, Rubber Flange Gasket Replacement | 87.70 | |
| | | *For 300 LB Rating Gasket Set, Add* | *2.61* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *57.67* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *66.39* | |
| | | *For Work In Restricted Working Space, Add* | *24.07* | |
| 23 21 13 23-0715 | EA | 5", 150 LB, Rubber Flange Gasket Replacement | 101.37 | |
| | | *For 300 LB Rating Gasket Set, Add* | *2.90* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *64.08* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *73.78* | |
| | | *For Work In Restricted Working Space, Add* | *27.92* | |
| 23 21 13 23-0716 | EA | 6", 150 LB, Rubber Flange Gasket Replacement | 116.70 | |
| | | *For 300 LB Rating Gasket Set, Add* | *3.77* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *83.33* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *95.94* | |
| | | *For Work In Restricted Working Space, Add* | *31.78* | |
| 23 21 13 23-0717 | EA | 8", 150 LB, Rubber Flange Gasket Replacement | 144.14 | |
| | | *For 300 LB Rating Gasket Set, Add* | *5.51* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *121.75* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *140.18* | |
| | | *For Work In Restricted Working Space, Add* | *38.52* | |
| 23 21 13 23-0718 | EA | 10", 150 LB, Rubber Flange Gasket Replacement | 159.32 | |
| | | *For 300 LB Rating Gasket Set, Add* | *7.83* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *173.00* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *199.18* | |
| | | *For Work In Restricted Working Space, Add* | *41.08* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0719 | EA | 12", 150 LB, Rubber Flange Gasket Replacement | 183.73 | |
| | | *For 300 LB Rating Gasket Set, Add* | *10.01* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *221.08* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *254.54* | |
| | | *For Work In Restricted Working Space, Add* | *46.54* | |
| 23 21 13 23-0720 | EA | 14", 150 LB, Rubber Flange Gasket Replacement | 194.67 | |
| | | *For 300 LB Rating Gasket Set, Add* | *11.97* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *264.29* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *304.29* | |
| | | *For Work In Restricted Working Space, Add* | *48.14* | |
| 23 21 13 23-0721 | EA | 16", 150 LB, Rubber Flange Gasket Replacement | 252.10 | |
| | | *For 300 LB Rating Gasket Set, Add* | *13.35* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *294.74* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *339.36* | |
| | | *For Work In Restricted Working Space, Add* | *64.19* | |
| 23 21 13 23-0722 | EA | 18", 150 LB, Rubber Flange Gasket Replacement | 274.08 | |
| | | *For 300 LB Rating Gasket Set, Add* | *13.93* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *307.58* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *354.13* | |
| | | *For Work In Restricted Working Space, Add* | *70.29* | |
| 23 21 13 23-0723 | EA | 20", 150 LB, Rubber Flange Gasket Replacement | 328.32 | |
| | | *For 300 LB Rating Gasket Set, Add* | *14.94* | |
| | | *For 150 LB Rating Teflon Gasket Set, Add* | *329.99* | |
| | | *For 300 LB Rating Teflon Gasket Set, Add* | *379.94* | |
| | | *For Work In Restricted Working Space, Add* | *85.69* | |

## 23 21 13 23-0724 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0393)*

Note: For use when connecting pipe to an existing in-place system.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0725 | EA | 1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 23.22 | |
| | | *For Work In Restricted Working Space, Add* | *6.97* | |
| 23 21 13 23-0726 | EA | 3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 25.08 | |
| | | *For Work In Restricted Working Space, Add* | *7.52* | |
| 23 21 13 23-0727 | EA | 1", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 28.21 | |
| | | *For Work In Restricted Working Space, Add* | *8.46* | |
| 23 21 13 23-0728 | EA | 1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 29.61 | |
| | | *For Work In Restricted Working Space, Add* | *8.88* | |
| 23 21 13 23-0729 | EA | 1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 31.34 | |
| | | *For Work In Restricted Working Space, Add* | *9.40* | |
| 23 21 13 23-0730 | EA | 2", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 33.67 | |
| | | *For Work In Restricted Working Space, Add* | *10.10* | |
| 23 21 13 23-0731 | EA | 2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 36.00 | |
| | | *For Work In Restricted Working Space, Add* | *10.80* | |
| 23 21 13 23-0732 | EA | 3", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 39.48 | |
| | | *For Work In Restricted Working Space, Add* | *11.84* | |
| 23 21 13 23-0733 | EA | 4", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 42.96 | |
| | | *For Work In Restricted Working Space, Add* | *12.89* | |
| 23 21 13 23-0734 | EA | 6", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 46.45 | |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| 23 21 13 23-0735 | EA | 8", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 49.93 | |
| | | *For Work In Restricted Working Space, Add* | *14.98* | |
| 23 21 13 23-0736 | EA | 10", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 54.57 | |
| | | *For Work In Restricted Working Space, Add* | *16.37* | |
| 23 21 13 23-0737 | EA | 12", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 59.22 | |
| | | *For Work In Restricted Working Space, Add* | *17.77* | |
| 23 21 13 23-0738 | EA | 14", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 63.87 | |
| | | *For Work In Restricted Working Space, Add* | *19.16* | |
| 23 21 13 23-0739 | EA | 16", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 68.51 | |
| | | *For Work In Restricted Working Space, Add* | *20.55* | |
| 23 21 13 23-0740 | EA | 18", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 71.99 | |
| | | *For Work In Restricted Working Space, Add* | *21.60* | |
| 23 21 13 23-0741 | EA | 20", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 75.47 | |
| | | *For Work In Restricted Working Space, Add* | *22.64* | |
| 23 21 13 23-0742 | EA | 24", Cut And Prepare For Welding Existing In Place Black Steel Pipe | 80.12 | |
| | | *For Work In Restricted Working Space, Add* | *24.04* | |

## 23 21 13 23-0743 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0393)*

Note: ASTM A-135.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0744 | LF | 2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 24.94 | 12.22 |
| | | *For Work In Restricted Working Space, Add* | *6.00* | |
| 23 21 13 23-0745 | LF | 2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 27.59 | 13.33 |
| | | *For Work In Restricted Working Space, Add* | *6.00* | |
| 23 21 13 23-0746 | LF | 3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 28.95 | 13.11 |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| 23 21 13 23-0747 | LF | 4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 36.27 | 16.66 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 23 21 13 23-0748 | LF | 6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 58.84 | 24.66 |
| | | *For Work In Restricted Working Space, Add* | *11.09* | |
| 23 21 13 23-0749 | LF | 8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 70.80 | 26.57 |
| | | *For Work In Restricted Working Space, Add* | *11.97* | |
| 23 21 13 23-0750 | LF | 10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 95.52 | 33.09 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0751 | LF | 12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 115.95 | 39.90 |
| | | *For Work In Restricted Working Space, Add* | *17.95* | |
| 23 21 13 23-0752 | LF | 14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings | 148.08 | 51.78 |
| | | *For Work In Restricted Working Space, Add* | *23.30* | |

### 23 21 13 23-0753 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0617 for welded neck flange ends.

### 23 21 13 23-0754 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0753)*

Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.

### 23 21 13 23-0755 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0754)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0756 | EA | 2" Standard Weight, Flanged Steel, 90 Degree Elbow | 501.38 | 49.93 |
| | | *For Galvanized Fittings, Add* | *341.22* | |
| | | *For Extra Heavy Weight Fittings, Add* | *511.84* | |
| 23 21 13 23-0757 | EA | 2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow | 559.23 | 55.61 |
| | | *For Galvanized Fittings, Add* | *380.66* | |
| | | *For Extra Heavy Weight Fittings, Add* | *571.00* | |
| 23 21 13 23-0758 | EA | 3" Standard Weight, Flanged Steel, 90 Degree Elbow | 554.92 | 61.38 |
| | | *For Galvanized Fittings, Add* | *370.38* | |
| | | *For Extra Heavy Weight Fittings, Add* | *555.56* | |
| 23 21 13 23-0759 | EA | 4" Standard Weight, Flanged Steel, 90 Degree Elbow | 704.92 | 71.32 |
| | | *For Galvanized Fittings, Add* | *478.40* | |
| | | *For Extra Heavy Weight Fittings, Add* | *717.60* | |
| 23 21 13 23-0760 | EA | 5" Standard Weight, Flanged Steel, 90 Degree Elbow | 987.82 | 79.87 |
| | | *For Galvanized Fittings, Add* | *694.46* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,041.68* | |
| 23 21 13 23-0761 | EA | 6" Standard Weight, Flanged Steel, 90 Degree Elbow | 1,043.51 | 92.71 |
| | | *For Galvanized Fittings, Add* | *723.61* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,085.41* | |
| 23 21 13 23-0762 | EA | 8" Standard Weight, Flanged Steel, 90 Degree Elbow | 1,325.74 | 102.65 |
| | | *For Galvanized Fittings, Add* | *937.42* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,406.12* | |

### 23 21 13 23-0763 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0754)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0764 | EA | 2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow | 940.77 | 52.83 |
| | | *For Galvanized Fittings, Add* | *689.31* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,033.97* | |
| 23 21 13 23-0765 | EA | 3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow | 979.33 | 58.49 |
| | | *For Galvanized Fittings, Add* | *713.32* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,069.98* | |
| 23 21 13 23-0766 | EA | 4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow | 1,220.43 | 66.29 |
| | | *For Galvanized Fittings, Add* | *896.79* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,345.19* | |
| 23 21 13 23-0767 | EA | 5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow | 1,511.91 | 70.58 |
| | | *For Galvanized Fittings, Add* | *1,124.85* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,687.27* | |
| 23 21 13 23-0768 | EA | 6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow | 1,721.93 | 82.01 |
| | | *For Galvanized Fittings, Add* | *1,279.17* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,918.75* | |
| 23 21 13 23-0769 | EA | 8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow | 2,403.47 | 97.73 |
| | | *For Galvanized Fittings, Add* | *1,805.58* | |
| | | *For Extra Heavy Weight Fittings, Add* | *2,708.38* | |

### 23 21 13 23-0770 Flanged Steel, 45 Degree Elbows *(23 21 13 23-0754)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0771 | EA | 2" Standard Weight, Flanged Steel, 45 Degree Elbow | 655.71 | 49.93 |
| | | *For Galvanized Fittings, Add* | *464.69* | |
| | | *For Extra Heavy Weight Fittings, Add* | *697.03* | |
| 23 21 13 23-0772 | EA | 2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow | 683.55 | 55.61 |
| | | *For Galvanized Fittings, Add* | *480.12* | |
| | | *For Extra Heavy Weight Fittings, Add* | *720.18* | |
| 23 21 13 23-0773 | EA | 3" Standard Weight, Flanged Steel, 45 Degree Elbow | 709.24 | 61.38 |
| | | *For Galvanized Fittings, Add* | *493.83* | |
| | | *For Extra Heavy Weight Fittings, Add* | *740.75* | |
| 23 21 13 23-0774 | EA | 4" Standard Weight, Flanged Steel, 45 Degree Elbow | 884.97 | 71.32 |
| | | *For Galvanized Fittings, Add* | *622.44* | |
| | | *For Extra Heavy Weight Fittings, Add* | *933.66* | |
| 23 21 13 23-0775 | EA | 5" Standard Weight, Flanged Steel, 45 Degree Elbow | 1,279.32 | 79.87 |
| | | *For Galvanized Fittings, Add* | *927.66* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,391.48* | |
| 23 21 13 23-0776 | EA | 6" Standard Weight, Flanged Steel, 45 Degree Elbow | 1,244.98 | 92.71 |
| | | *For Galvanized Fittings, Add* | *884.78* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,327.18* | |
| 23 21 13 23-0777 | EA | 8" Standard Weight, Flanged Steel, 45 Degree Elbow | 1,469.22 | 102.65 |
| | | *For Galvanized Fittings, Add* | *1,052.20* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,578.30* | |

### 23 21 13 23-0778 Flanged Steel, Tees *(23 21 13 23-0754)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0779 | EA | 2" Standard Weight, Flanged Steel, Tee | 641.69 | 74.85 |
| | | *For Galvanized Fittings, Add* | *423.54* | |
| | | *For Extra Heavy Weight Fittings, Add* | *635.30* | |
| 23 21 13 23-0780 | EA | 2-1/2" Standard Weight, Flanged Steel, Tee | 830.27 | 83.40 |
| | | *For Galvanized Fittings, Add* | *564.14* | |
| | | *For Extra Heavy Weight Fittings, Add* | *846.20* | |
| 23 21 13 23-0781 | EA | 3" Standard Weight, Flanged Steel, Tee | 755.25 | 91.95 |
| | | *For Galvanized Fittings, Add* | *493.85* | |
| | | *For Extra Heavy Weight Fittings, Add* | *740.77* | |
| 23 21 13 23-0782 | EA | 4" Standard Weight, Flanged Steel, Tee | 1,082.01 | 107.03 |
| | | *For Galvanized Fittings, Add* | *737.30* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,105.96* | |
| 23 21 13 23-0783 | EA | 5" Standard Weight, Flanged Steel, Tee | 1,612.20 | 119.86 |
| | | *For Galvanized Fittings, Add* | *1,146.06* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,719.08* | |
| 23 21 13 23-0784 | EA | 6" Standard Weight, Flanged Steel, Tee | 1,968.49 | 139.11 |
| | | *For Galvanized Fittings, Add* | *1,408.00* | |
| | | *For Extra Heavy Weight Fittings, Add* | *2,112.00* | |
| 23 21 13 23-0785 | EA | 8" Standard Weight, Flanged Steel, Tee | 2,178.66 | 161.14 |
| | | *For Galvanized Fittings, Add* | *1,549.61* | |
| | | *For Extra Heavy Weight Fittings, Add* | *2,324.41* | |

### 23 21 13 23-0786 Flanged Steel, Reducing Tees *(23 21 13 23-0754)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0787 | EA | 2-1/2" Standard Weight, Flanged Steel, Reducing Tee | 1,018.90 | 80.62 |
| | | *For Galvanized Fittings, Add* | *718.46* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,077.70* | |
| 23 21 13 23-0788 | EA | 3" Standard Weight, Flanged Steel, Reducing Tee | 1,177.49 | 89.17 |
| | | *For Galvanized Fittings, Add* | *835.06* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,252.60* | |
| 23 21 13 23-0789 | EA | 4" Standard Weight, Flanged Steel, Reducing Tee | 2,032.51 | 102.00 |
| | | *For Galvanized Fittings, Add* | *1,503.69* | |
| | | *For Extra Heavy Weight Fittings, Add* | *2,255.53* | |
| 23 21 13 23-0790 | EA | 5" Standard Weight, Flanged Steel, Reducing Tee | 2,196.31 | 115.58 |
| | | *For Galvanized Fittings, Add* | *1,618.47* | |
| | | *For Extra Heavy Weight Fittings, Add* | *2,427.71* | |
| 23 21 13 23-0791 | EA | 6" Standard Weight, Flanged Steel, Reducing Tee | 2,762.42 | 132.70 |
| | | *For Galvanized Fittings, Add* | *2,050.83* | |
| | | *For Extra Heavy Weight Fittings, Add* | *3,076.25* | |
| 23 21 13 23-0792 | EA | 8" Standard Weight, Flanged Steel, Reducing Tee | 3,451.40 | 149.06 |
| | | *For Galvanized Fittings, Add* | *2,582.34* | |
| | | *For Extra Heavy Weight Fittings, Add* | *3,873.52* | |

### 23 21 13 23-0793 Flanged Steel, Concentric Reducers *(23 21 13 23-0754)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0794 | EA | 3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer | 966.47 | 58.49 |
| | | *For Galvanized Fittings, Add* | *703.03* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,054.55* | |
| 23 21 13 23-0795 | EA | 4" x 3" Standard Weight, Flanged Steel, Concentric Reducer | 1,098.26 | 66.29 |
| | | *For Galvanized Fittings, Add* | *799.06* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,198.58* | |
| 23 21 13 23-0796 | EA | 5" x 4" Standard Weight, Flanged Steel, Concentric Reducer | 1,633.00 | 75.59 |
| | | *For Galvanized Fittings, Add* | *1,215.73* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,823.59* | |
| 23 21 13 23-0797 | EA | 6" x 4" Standard Weight, Flanged Steel, Concentric Reducer | 1,801.24 | 82.01 |
| | | *For Galvanized Fittings, Add* | *1,342.62* | |
| | | *For Extra Heavy Weight Fittings, Add* | *2,013.92* | |
| 23 21 13 23-0798 | EA | 8" x 6" Standard Weight, Flanged Steel, Concentric Reducer | 2,109.83 | 97.73 |
| | | *For Galvanized Fittings, Add* | *1,570.67* | |
| | | *For Extra Heavy Weight Fittings, Add* | *2,356.01* | |

### 23 21 13 23-0799 Flanged Steel, Eccentric Reducers *(23 21 13 23-0754)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0800 | EA | 4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer | 1,044.24 | 66.29 |
| | | *For Galvanized Fittings, Add* | *755.84* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,133.76* | |
| 23 21 13 23-0801 | EA | 5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer | 1,421.66 | 75.59 |
| | | *For Galvanized Fittings, Add* | *1,046.66* | |
| | | *For Extra Heavy Weight Fittings, Add* | *1,569.98* | |

### 23 21 13 23-0802 Plain End Couplings And Fittings *(23 21 13 23)*

Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.

### 23 21 13 23-0803 Plain End Piping System Couplings *(23 21 13 23-0802)*

### 23 21 13 23-0804 Plainlock Plain End Piping System Couplings *(23 21 13 23-0803)*

Note: Ductile iron body with gasket, bolts and nuts.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0805 | EA | 1" Plainlock Plain End Piping System Coupling | 190.06 | 6.42 |
| | | *For Galvanized Fittings, Add* | *36.09* | |
| 23 21 13 23-0806 | EA | 1-1/2" Plainlock Plain End Piping System Coupling | 193.80 | 8.87 |
| | | *For Galvanized Fittings, Add* | *36.09* | |
| 23 21 13 23-0807 | EA | 2" Plainlock Plain End Piping System Coupling | 198.13 | 11.77 |
| | | *For Galvanized Fittings, Add* | *36.09* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0808 | EA | 2-1/2" Plainlock Plain End Piping System Coupling | 201.83 | 14.22 |
| | | *For Galvanized Fittings, Add* | *36.09* | |
| 23 21 13 23-0809 | EA | 3" Plainlock Plain End Piping System Coupling | 238.61 | 17.10 |
| | | *For Galvanized Fittings, Add* | *42.59* | |
| 23 21 13 23-0810 | EA | 4" Plainlock Plain End Piping System Coupling | 329.25 | 22.78 |
| | | *For Galvanized Fittings, Add* | *59.01* | |
| 23 21 13 23-0811 | EA | 6" Plainlock Plain End Piping System Coupling | 553.79 | 37.10 |
| | | *For Galvanized Fittings, Add* | *99.64* | |

### 23 21 13 23-0812 Roust-A-Bout Plain End Piping System Couplings *(23 21 13 23-0803)*

Note: Ductile iron body with gasket, bolts and nuts.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0813 | EA | 1-1/2" Roust-A-Bout Plain End Piping System Coupling | 228.84 | 8.87 |
| | | *For Galvanized Fittings, Add* | *53.87* | |
| 23 21 13 23-0814 | EA | 2" Roust-A-Bout Plain End Piping System Coupling | 233.17 | 11.77 |
| | | *For Galvanized Fittings, Add* | *53.87* | |
| 23 21 13 23-0815 | EA | 2-1/2" Roust-A-Bout Plain End Piping System Coupling | 236.88 | 14.32 |
| | | *For Galvanized Fittings, Add* | *53.87* | |
| 23 21 13 23-0816 | EA | 3" Roust-A-Bout Plain End Piping System Coupling | 344.83 | 17.10 |
| | | *For Galvanized Fittings, Add* | *79.80* | |
| 23 21 13 23-0817 | EA | 3-1/2" Roust-A-Bout Plain End Piping System Coupling | 399.35 | 20.00 |
| | | *For Galvanized Fittings, Add* | *92.35* | |
| 23 21 13 23-0818 | EA | 4" Roust-A-Bout Plain End Piping System Coupling | 403.58 | 22.78 |
| | | *For Galvanized Fittings, Add* | *92.35* | |
| 23 21 13 23-0819 | EA | 5" Roust-A-Bout Plain End Piping System Coupling | 570.51 | 28.55 |
| | | *For Galvanized Fittings, Add* | *131.93* | |
| 23 21 13 23-0820 | EA | 6" Roust-A-Bout Plain End Piping System Coupling | 700.15 | 37.10 |
| | | *For Galvanized Fittings, Add* | *161.13* | |
| 23 21 13 23-0821 | EA | 8" Roust-A-Bout Plain End Piping System Coupling | 1,209.22 | 44.26 |
| | | *For Galvanized Fittings, Add* | *285.72* | |
| 23 21 13 23-0822 | EA | 10" Roust-A-Bout Plain End Piping System Coupling | 1,565.47 | 52.39 |
| | | *For Galvanized Fittings, Add* | *371.71* | |
| 23 21 13 23-0823 | EA | 12" Roust-A-Bout Plain End Piping System Coupling | 1,958.73 | 62.01 |
| | | *For Galvanized Fittings, Add* | *466.43* | |
| 23 21 13 23-0824 | EA | 14" Roust-A-Bout Plain End Piping System Coupling | 2,752.11 | 68.54 |
| | | *For Galvanized Fittings, Add* | *662.33* | |
| 23 21 13 23-0825 | EA | 16" Roust-A-Bout Plain End Piping System Coupling | 3,744.22 | 77.53 |
| | | *For Galvanized Fittings, Add* | *907.00* | |

### 23 21 13 23-0826 Plain End Piping System Fittings *(23 21 13 23-0802)*

Note: Cast ductile iron bodies.

### 23 21 13 23-0827 Plain End Piping System, 90 Degree Elbows *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0828 | EA | 1" Plain End Piping System, 90 Degree Elbow | 187.80 | 11.66 |
| | | *For Galvanized Fittings, Add* | *34.07* | |
| 23 21 13 23-0829 | EA | 1-1/2" Plain End Piping System, 90 Degree Elbow | 196.79 | 17.64 |
| | | *For Galvanized Fittings, Add* | *34.07* | |
| 23 21 13 23-0830 | EA | 2" Plain End Piping System, 90 Degree Elbow | 205.28 | 23.31 |
| | | *For Galvanized Fittings, Add* | *34.07* | |
| 23 21 13 23-0831 | EA | 2-1/2" Plain End Piping System, 90 Degree Elbow | 212.90 | 28.44 |
| | | *For Galvanized Fittings, Add* | *34.07* | |
| 23 21 13 23-0832 | EA | 3" Plain End Piping System, 90 Degree Elbow | 256.19 | 34.43 |
| | | *For Galvanized Fittings, Add* | *40.92* | |
| 23 21 13 23-0833 | EA | 4" Plain End Piping System, 90 Degree Elbow | 366.37 | 45.34 |
| | | *For Galvanized Fittings, Add* | *59.67* | |
| 23 21 13 23-0834 | EA | 5" Plain End Piping System, 90 Degree Elbow | 1,117.82 | 56.77 |
| | | *For Galvanized Fittings, Add* | *206.54* | |
| 23 21 13 23-0835 | EA | 6" Plain End Piping System, 90 Degree Elbow | 932.55 | 74.31 |
| | | *For Galvanized Fittings, Add* | *164.23* | |
| 23 21 13 23-0836 | EA | 8" Plain End Piping System, 90 Degree Elbow | 1,866.70 | 88.21 |
| | | *For Galvanized Fittings, Add* | *346.87* | |
| 23 21 13 23-0837 | EA | 10" Plain End Piping System, 90 Degree Elbow | 2,334.35 | 103.07 |
| | | *For Galvanized Fittings, Add* | *435.97* | |
| 23 21 13 23-0838 | EA | 12" Plain End Piping System, 90 Degree Elbow | 2,961.06 | 123.82 |
| | | *For Galvanized Fittings, Add* | *555.08* | |

### 23 21 13 23-0839 Plain End Piping System, 45 Degree Elbows *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0840 | EA | 1" Plain End Piping System, 45 Degree Elbow | 187.80 | 11.66 |
| | | *For Galvanized Fittings, Add* | *34.07* | |
| 23 21 13 23-0841 | EA | 1-1/2" Plain End Piping System, 45 Degree Elbow | 196.79 | 17.64 |
| | | *For Galvanized Fittings, Add* | *34.07* | |
| 23 21 13 23-0842 | EA | 2" Plain End Piping System, 45 Degree Elbow | 205.28 | 23.31 |
| | | *For Galvanized Fittings, Add* | *34.07* | |
| 23 21 13 23-0843 | EA | 2-1/2" Plain End Piping System, 45 Degree Elbow | 212.90 | 28.44 |
| | | *For Galvanized Fittings, Add* | *34.07* | |
| 23 21 13 23-0844 | EA | 3" Plain End Piping System, 45 Degree Elbow | 256.19 | 34.43 |
| | | *For Galvanized Fittings, Add* | *40.92* | |
| 23 21 13 23-0845 | EA | 4" Plain End Piping System, 45 Degree Elbow | 366.37 | 45.34 |
| | | *For Galvanized Fittings, Add* | *59.67* | |
| 23 21 13 23-0846 | EA | 5" Plain End Piping System, 45 Degree Elbow | 1,117.82 | 56.77 |
| | | *For Galvanized Fittings, Add* | *206.54* | |
| 23 21 13 23-0847 | EA | 6" Plain End Piping System, 45 Degree Elbow | 935.70 | 74.31 |
| | | *For Galvanized Fittings, Add* | *164.86* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0848 | EA | 8" Plain End Piping System, 45 Degree Elbow | 1,085.32 | 88.21 |
| | | *For Galvanized Fittings, Add* | *190.60* | |
| 23 21 13 23-0849 | EA | 10" Plain End Piping System, 45 Degree Elbow | 1,484.46 | 103.07 |
| | | *For Galvanized Fittings, Add* | *265.99* | |
| 23 21 13 23-0850 | EA | 12" Plain End Piping System, 45 Degree Elbow | 1,903.74 | 123.82 |
| | | *For Galvanized Fittings, Add* | *343.62* | |

### 23 21 13 23-0851 Plain End Piping System, Tees *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0852 | EA | 1" Plain End Piping System, Tee | 255.82 | 17.64 |
| | | *For Galvanized Fittings, Add* | *45.87* | |
| 23 21 13 23-0853 | EA | 1-1/2" Plain End Piping System, Tee | 269.08 | 26.51 |
| | | *For Galvanized Fittings, Add* | *45.87* | |
| 23 21 13 23-0854 | EA | 2" Plain End Piping System, Tee | 280.77 | 34.32 |
| | | *For Galvanized Fittings, Add* | *45.87* | |
| 23 21 13 23-0855 | EA | 2-1/2" Plain End Piping System, Tee | 292.41 | 42.03 |
| | | *For Galvanized Fittings, Add* | *45.87* | |
| 23 21 13 23-0856 | EA | 3" Plain End Piping System, Tee | 407.57 | 51.65 |
| | | *For Galvanized Fittings, Add* | *66.02* | |
| 23 21 13 23-0857 | EA | 4" Plain End Piping System, Tee | 559.17 | 66.83 |
| | | *For Galvanized Fittings, Add* | *91.81* | |
| 23 21 13 23-0858 | EA | 5" Plain End Piping System, Tee | 1,139.42 | 87.36 |
| | | *For Galvanized Fittings, Add* | *201.68* | |
| 23 21 13 23-0859 | EA | 6" Plain End Piping System, Tee | 1,408.54 | 109.39 |
| | | *For Galvanized Fittings, Add* | *248.91* | |
| 23 21 13 23-0860 | EA | 8" Plain End Piping System, Tee | 1,923.91 | 133.01 |
| | | *For Galvanized Fittings, Add* | *344.88* | |
| 23 21 13 23-0861 | EA | 10" Plain End Piping System, Tee | 2,865.80 | 155.04 |
| | | *For Galvanized Fittings, Add* | *526.67* | |
| 23 21 13 23-0862 | EA | 12" Plain End Piping System, Tee | 3,840.79 | 185.73 |
| | | *For Galvanized Fittings, Add* | *712.47* | |

### 23 21 13 23-0863 Plain End Piping System, Reducing Tees *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0864 | EA | 1-1/2" Plain End Piping System, Reducing Tee | 495.97 | 28.44 |
| | | *For Galvanized Fittings, Add* | *90.67* | |
| 23 21 13 23-0865 | EA | 2" Plain End Piping System, Reducing Tee | 504.77 | 34.32 |
| | | *For Galvanized Fittings, Add* | *90.67* | |
| 23 21 13 23-0866 | EA | 2-1/2" Plain End Piping System, Reducing Tee | 516.41 | 42.03 |
| | | *For Galvanized Fittings, Add* | *90.67* | |
| 23 21 13 23-0867 | EA | 3" Plain End Piping System, Reducing Tee | 530.85 | 51.65 |
| | | *For Galvanized Fittings, Add* | *90.67* | |
| 23 21 13 23-0868 | EA | 4" Plain End Piping System, Reducing Tee | 769.43 | 66.83 |
| | | *For Galvanized Fittings, Add* | *133.86* | |
| 23 21 13 23-0869 | EA | 6" Plain End Piping System, Reducing Tee | 1,300.56 | 109.39 |
| | | *For Galvanized Fittings, Add* | *227.31* | |
| 23 21 13 23-0870 | EA | 8" Plain End Piping System, Reducing Tee | 1,696.28 | 133.01 |
| | | *For Galvanized Fittings, Add* | *299.36* | |
| 23 21 13 23-0871 | EA | 10" Plain End Piping System, Reducing Tee | 2,539.99 | 155.04 |
| | | *For Galvanized Fittings, Add* | *461.51* | |
| 23 21 13 23-0872 | EA | 12" Plain End Piping System, Reducing Tee | 3,747.56 | 185.73 |
| | | *For Galvanized Fittings, Add* | *693.82* | |

### 23 21 13 23-0873 Plain End Piping System, Wyes *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0874 | EA | 2" Plain End Piping System, Wye | 723.25 | 34.32 |
| | | *For Galvanized Fittings, Add* | *134.37* | |
| 23 21 13 23-0875 | EA | 2-1/2" Plain End Piping System, Wye | 734.89 | 42.03 |
| | | *For Galvanized Fittings, Add* | *134.37* | |
| 23 21 13 23-0876 | EA | 3" Plain End Piping System, Wye | 832.67 | 51.65 |
| | | *For Galvanized Fittings, Add* | *151.04* | |
| 23 21 13 23-0877 | EA | 4" Plain End Piping System, Wye | 1,221.06 | 66.83 |
| | | *For Galvanized Fittings, Add* | *224.19* | |
| 23 21 13 23-0878 | EA | 5" Plain End Piping System, Wye | 1,495.07 | 87.36 |
| | | *For Galvanized Fittings, Add* | *272.81* | |
| 23 21 13 23-0879 | EA | 6" Plain End Piping System, Wye | 2,042.33 | 109.39 |
| | | *For Galvanized Fittings, Add* | *375.67* | |
| 23 21 13 23-0880 | EA | 8" Plain End Piping System, Wye | 2,632.05 | 133.01 |
| | | *For Galvanized Fittings, Add* | *486.51* | |
| 23 21 13 23-0881 | EA | 10" Plain End Piping System, Wye | 3,819.57 | 155.04 |
| | | *For Galvanized Fittings, Add* | *717.42* | |
| 23 21 13 23-0882 | EA | 12" Plain End Piping System, Wye | 5,808.30 | 185.73 |
| | | *For Galvanized Fittings, Add* | *1,105.97* | |

### 23 21 13 23-0883 Plain End Piping System, Laterals *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0884 | EA | 2" Plain End Piping System, Lateral | 770.76 | 34.32 |
| | | *For Galvanized Fittings, Add* | *143.87* | |
| 23 21 13 23-0885 | EA | 2-1/2" Plain End Piping System, Lateral | 782.40 | 42.03 |
| | | *For Galvanized Fittings, Add* | *143.87* | |
| 23 21 13 23-0886 | EA | 3" Plain End Piping System, Lateral | 879.87 | 51.65 |
| | | *For Galvanized Fittings, Add* | *160.48* | |
| 23 21 13 23-0887 | EA | 4" Plain End Piping System, Lateral | 1,311.19 | 66.83 |
| | | *For Galvanized Fittings, Add* | *242.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0888 | EA | 5" Plain End Piping System, Lateral | 1,709.76 | 87.36 |
| | | *For Galvanized Fittings, Add* | *315.74* | |
| 23 21 13 23-0889 | EA | 6" Plain End Piping System, Lateral | 2,180.45 | 109.39 |
| | | *For Galvanized Fittings, Add* | *403.29* | |
| 23 21 13 23-0890 | EA | 8" Plain End Piping System, Lateral | 3,139.40 | 133.01 |
| | | *For Galvanized Fittings, Add* | *587.98* | |
| 23 21 13 23-0891 | EA | 10" Plain End Piping System, Lateral | 4,382.48 | 155.04 |
| | | *For Galvanized Fittings, Add* | *830.01* | |
| 23 21 13 23-0892 | EA | 12" Plain End Piping System, Lateral | 5,891.97 | 185.73 |
| | | *For Galvanized Fittings, Add* | *1,122.70* | |

## 23 21 13 23-0893 Plain End Piping System, Crosses *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0894 | EA | 2" Plain End Piping System, Cross | 858.10 | 51.44 |
| | | *For Galvanized Fittings, Add* | *97.63* | |
| 23 21 13 23-0895 | EA | 2-1/2" Plain End Piping System, Cross | 875.53 | 62.98 |
| | | *For Galvanized Fittings, Add* | *97.63* | |
| 23 21 13 23-0896 | EA | 3" Plain End Piping System, Cross | 1,022.16 | 77.53 |
| | | *For Galvanized Fittings, Add* | *113.24* | |
| 23 21 13 23-0897 | EA | 4" Plain End Piping System, Cross | 1,394.72 | 100.19 |
| | | *For Galvanized Fittings, Add* | *155.57* | |
| 23 21 13 23-0898 | EA | 5" Plain End Piping System, Cross | 1,964.22 | 131.09 |
| | | *For Galvanized Fittings, Add* | *220.96* | |
| 23 21 13 23-0899 | EA | 6" Plain End Piping System, Cross | 2,579.30 | 163.59 |
| | | *For Galvanized Fittings, Add* | *291.76* | |
| 23 21 13 23-0900 | EA | 8" Plain End Piping System, Cross | 3,291.39 | 198.14 |
| | | *For Galvanized Fittings, Add* | *374.30* | |
| 23 21 13 23-0901 | EA | 10" Plain End Piping System, Cross | 4,716.14 | 231.60 |
| | | *For Galvanized Fittings, Add* | *546.12* | |
| 23 21 13 23-0902 | EA | 12" Plain End Piping System, Cross | 6,717.40 | 278.64 |
| | | *For Galvanized Fittings, Add* | *787.47* | |

## 23 21 13 23-0903 Plain End Piping System, Adapter Nipples *(23 21 13 23-0826)*

Note: Plain to threaded, plain to beveled or plain to grooved.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0904 | EA | 1" Plain End Piping System, Adapter Nipple | 35.25 | 6.42 |
| | | *For Galvanized Fittings, Add* | *6.41* | |
| 23 21 13 23-0905 | EA | 1-1/2" Plain End Piping System, Adapter Nipple | 39.70 | 8.87 |
| | | *For Galvanized Fittings, Add* | *6.58* | |
| 23 21 13 23-0906 | EA | 2" Plain End Piping System, Adapter Nipple | 43.92 | 11.77 |
| | | *For Galvanized Fittings, Add* | *6.58* | |
| 23 21 13 23-0907 | EA | 2-1/2" Plain End Piping System, Adapter Nipple | 52.24 | 14.22 |
| | | *For Galvanized Fittings, Add* | *7.71* | |
| 23 21 13 23-0908 | EA | 3" Plain End Piping System, Adapter Nipple | 63.78 | 17.10 |
| | | *For Galvanized Fittings, Add* | *9.53* | |
| 23 21 13 23-0909 | EA | 4" Plain End Piping System, Adapter Nipple | 97.97 | 22.78 |
| | | *For Galvanized Fittings, Add* | *15.94* | |
| 23 21 13 23-0910 | EA | 6" Plain End Piping System, Adapter Nipple | 215.18 | 28.55 |
| | | *For Galvanized Fittings, Add* | *43.10* | |

## 23 21 13 23-0911 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0912 | EA | 1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple | 109.12 | 15.29 |
| | | *For Galvanized Fittings, Add* | *21.53* | |
| 23 21 13 23-0913 | EA | 2" x 1" Plain End Piping System, Reducing (Swaged) Nipple | 113.41 | 18.17 |
| | | *For Galvanized Fittings, Add* | *21.53* | |
| 23 21 13 23-0914 | EA | 2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 117.73 | 21.06 |
| | | *For Galvanized Fittings, Add* | *21.53* | |
| 23 21 13 23-0915 | EA | 2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple | 116.68 | 20.42 |
| | | *For Galvanized Fittings, Add* | *21.53* | |
| 23 21 13 23-0916 | EA | 2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 120.89 | 23.20 |
| | | *For Galvanized Fittings, Add* | *21.53* | |
| 23 21 13 23-0917 | EA | 2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple | 125.15 | 25.98 |
| | | *For Galvanized Fittings, Add* | *21.53* | |
| 23 21 13 23-0918 | EA | 3" x 1" Plain End Piping System, Reducing (Swaged) Nipple | 140.12 | 23.52 |
| | | *For Galvanized Fittings, Add* | *26.23* | |
| 23 21 13 23-0919 | EA | 3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 143.92 | 25.98 |
| | | *For Galvanized Fittings, Add* | *26.23* | |
| 23 21 13 23-0920 | EA | 3" x 2" Plain End Piping System, Reducing (Swaged) Nipple | 124.01 | 28.87 |
| | | *For Galvanized Fittings, Add* | *20.17* | |
| 23 21 13 23-0921 | EA | 3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 132.29 | 34.43 |
| | | *For Galvanized Fittings, Add* | *20.17* | |
| 23 21 13 23-0922 | EA | 3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple | 152.05 | 37.10 |
| | | *For Galvanized Fittings, Add* | *24.12* | |
| 23 21 13 23-0923 | EA | 4" x 1" Plain End Piping System, Reducing (Swaged) Nipple | 191.33 | 29.19 |
| | | *For Galvanized Fittings, Add* | *36.88* | |
| 23 21 13 23-0924 | EA | 4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 195.08 | 31.75 |
| | | *For Galvanized Fittings, Add* | *36.88* | |
| 23 21 13 23-0925 | EA | 4" x 2" Plain End Piping System, Reducing (Swaged) Nipple | 163.61 | 34.64 |
| | | *For Galvanized Fittings, Add* | *27.93* | |
| 23 21 13 23-0926 | EA | 4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 167.28 | 37.10 |
| | | *For Galvanized Fittings, Add* | *27.93* | |
| 23 21 13 23-0927 | EA | 4" x 3" Plain End Piping System, Reducing (Swaged) Nipple | 171.64 | 39.99 |
| | | *For Galvanized Fittings, Add* | *27.93* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0928 | EA | 4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 175.81 | 42.77 |
| | | *For Galvanized Fittings, Add* | *27.93* | |
| 23 21 13 23-0929 | EA | 5" x 2" Plain End Piping System, Reducing (Swaged) Nipple | 471.25 | 40.31 |
| | | *For Galvanized Fittings, Add* | *102.69* | |
| 23 21 13 23-0930 | EA | 5" x 3" Plain End Piping System, Reducing (Swaged) Nipple | 385.42 | 45.55 |
| | | *For Galvanized Fittings, Add* | *79.26* | |
| 23 21 13 23-0931 | EA | 5" x 4" Plain End Piping System, Reducing (Swaged) Nipple | 337.93 | 51.44 |
| | | *For Galvanized Fittings, Add* | *65.23* | |
| 23 21 13 23-0932 | EA | 6" x 1" Plain End Piping System, Reducing (Swaged) Nipple | 847.88 | 43.52 |
| | | *For Galvanized Fittings, Add* | *195.67* | |
| 23 21 13 23-0933 | EA | 6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 851.57 | 45.98 |
| | | *For Galvanized Fittings, Add* | *195.67* | |
| 23 21 13 23-0934 | EA | 6" x 2" Plain End Piping System, Reducing (Swaged) Nipple | 652.13 | 48.87 |
| | | *For Galvanized Fittings, Add* | *144.73* | |
| 23 21 13 23-0935 | EA | 6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 655.93 | 51.44 |
| | | *For Galvanized Fittings, Add* | *144.73* | |
| 23 21 13 23-0936 | EA | 6" x 3" Plain End Piping System, Reducing (Swaged) Nipple | 456.42 | 54.22 |
| | | *For Galvanized Fittings, Add* | *93.79* | |
| 23 21 13 23-0937 | EA | 6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple | 460.30 | 56.77 |
| | | *For Galvanized Fittings, Add* | *93.79* | |
| 23 21 13 23-0938 | EA | 6" x 4" Plain End Piping System, Reducing (Swaged) Nipple | 374.23 | 59.88 |
| | | *For Galvanized Fittings, Add* | *71.13* | |
| 23 21 13 23-0939 | EA | 6" x 5" Plain End Piping System, Reducing (Swaged) Nipple | 424.51 | 65.55 |
| | | *For Galvanized Fittings, Add* | *81.56* | |
| 23 21 13 23-0940 | EA | 8" x 3" Plain End Piping System, Reducing (Swaged) Nipple | 544.32 | 61.27 |
| | | *For Galvanized Fittings, Add* | *113.12* | |
| 23 21 13 23-0941 | EA | 8" x 4" Plain End Piping System, Reducing (Swaged) Nipple | 552.95 | 67.04 |
| | | *For Galvanized Fittings, Add* | *113.12* | |
| 23 21 13 23-0942 | EA | 8" x 5" Plain End Piping System, Reducing (Swaged) Nipple | 623.84 | 72.81 |
| | | *For Galvanized Fittings, Add* | *128.68* | |
| 23 21 13 23-0943 | EA | 8" x 6" Plain End Piping System, Reducing (Swaged) Nipple | 699.03 | 81.37 |
| | | *For Galvanized Fittings, Add* | *144.24* | |

### 23 21 13 23-0944 Plain End Piping System, Bull Plugs *(23 21 13 23-0826)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0945 | EA | 1" Plain End Piping System, Bull Plug | 379.95 | 6.42 |
| | | *For Galvanized Fittings, Add* | *111.10* | |
| 23 21 13 23-0946 | EA | 1-1/2" Plain End Piping System, Bull Plug | 383.70 | 8.87 |
| | | *For Galvanized Fittings, Add* | *111.10* | |
| 23 21 13 23-0947 | EA | 2" Plain End Piping System, Bull Plug | 387.92 | 11.77 |
| | | *For Galvanized Fittings, Add* | *111.10* | |
| 23 21 13 23-0948 | EA | 2-1/2" Plain End Piping System, Bull Plug | 391.72 | 14.22 |
| | | *For Galvanized Fittings, Add* | *111.10* | |
| 23 21 13 23-0949 | EA | 3" Plain End Piping System, Bull Plug | 568.53 | 17.10 |
| | | *For Galvanized Fittings, Add* | *162.86* | |
| 23 21 13 23-0950 | EA | 4" Plain End Piping System, Bull Plug | 735.41 | 22.78 |
| | | *For Galvanized Fittings, Add* | *210.36* | |
| 23 21 13 23-0951 | EA | 5" Plain End Piping System, Bull Plug | 1,281.93 | 28.55 |
| | | *For Galvanized Fittings, Add* | *371.75* | |
| 23 21 13 23-0952 | EA | 6" Plain End Piping System, Bull Plug | 1,708.35 | 37.10 |
| | | *For Galvanized Fittings, Add* | *495.83* | |
| 23 21 13 23-0953 | EA | 8" Plain End Piping System, Bull Plug | 3,173.52 | 44.16 |
| | | *For Galvanized Fittings, Add* | *932.17* | |
| 23 21 13 23-0954 | EA | 10" Plain End Piping System, Bull Plug | 5,718.16 | 51.65 |
| | | *For Galvanized Fittings, Add* | *1,692.20* | |
| 23 21 13 23-0955 | EA | 12" Plain End Piping System, Bull Plug | 8,767.36 | 62.01 |
| | | *For Galvanized Fittings, Add* | *2,602.31* | |

### 23 21 13 23-0956 Carbon Steel Piping Systems *(23 21 13 23)*

### 23 21 13 23-0957 Class 3,000 LB Carbon Steel Socket Weld Fittings *(23 21 13 23-0956)*

Note: ASTM A105

### 23 21 13 23-0958 90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0957)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0959 | EA | 1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 40.62 | 21.17 |
| 23 21 13 23-0960 | EA | 3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 45.69 | 23.63 |
| 23 21 13 23-0961 | EA | 1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 58.44 | 26.41 |
| 23 21 13 23-0962 | EA | 1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 79.96 | 29.94 |
| 23 21 13 23-0963 | EA | 1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 91.43 | 33.69 |
| 23 21 13 23-0964 | EA | 2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 124.24 | 42.87 |
| 23 21 13 23-0965 | EA | 2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 247.33 | 63.40 |
| 23 21 13 23-0966 | EA | 3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 352.37 | 83.40 |
| 23 21 13 23-0967 | EA | 4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 607.34 | 83.16 |

### 23 21 13 23-0968 45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0957)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-0969 | EA | 1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 44.56 | 21.17 |
| 23 21 13 23-0970 | EA | 3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 51.65 | 23.63 |
| 23 21 13 23-0971 | EA | 1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 60.27 | 26.41 |
| 23 21 13 23-0972 | EA | 1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 82.28 | 29.94 |
| 23 21 13 23-0973 | EA | 1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 96.99 | 33.69 |
| 23 21 13 23-0974 | EA | 2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 124.13 | 42.87 |
| 23 21 13 23-0975 | EA | 2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 281.35 | 63.40 |
| 23 21 13 23-0976 | EA | 3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 381.16 | 83.40 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-0977 | EA | 4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB | 594.89 | 83.16 |
| **23 21 13 23-0978** | | **Straight Tees, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0957)* | | |
| 23 21 13 23-0979 | EA | 1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 49.76 | 26.41 |
| 23 21 13 23-0980 | EA | 3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 60.36 | 30.47 |
| 23 21 13 23-0981 | EA | 1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 79.96 | 36.03 |
| 23 21 13 23-0982 | EA | 1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 106.54 | 42.87 |
| 23 21 13 23-0983 | EA | 1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 129.13 | 51.11 |
| 23 21 13 23-0984 | EA | 2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 171.22 | 63.40 |
| 23 21 13 23-0985 | EA | 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 308.45 | 83.40 |
| 23 21 13 23-0986 | EA | 3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 423.86 | 99.01 |
| 23 21 13 23-0987 | EA | 4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB | 804.35 | 104.99 |
| **23 21 13 23-0988** | | **Reducing Tees, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0957)* | | |
| 23 21 13 23-0989 | EA | 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 50.84 | 26.41 |
| 23 21 13 23-0990 | EA | 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 61.48 | 30.47 |
| 23 21 13 23-0991 | EA | 1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 81.29 | 36.03 |
| 23 21 13 23-0992 | EA | 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 109.70 | 42.87 |
| 23 21 13 23-0993 | EA | 1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 132.84 | 51.11 |
| 23 21 13 23-0994 | EA | 2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 176.91 | 63.40 |
| 23 21 13 23-0995 | EA | 2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 321.97 | 83.40 |
| 23 21 13 23-0996 | EA | 3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 443.33 | 99.01 |
| 23 21 13 23-0997 | EA | 4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 735.05 | 104.99 |
| **23 21 13 23-0998** | | **Straight Couplings, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0957)* | | |
| 23 21 13 23-0999 | EA | 1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB | 35.76 | 21.17 |
| 23 21 13 23-1000 | EA | 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB | 40.31 | 23.63 |
| 23 21 13 23-1001 | EA | 1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB | 47.02 | 26.41 |
| 23 21 13 23-1002 | EA | 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB | 54.19 | 29.94 |
| 23 21 13 23-1003 | EA | 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB | 63.14 | 33.69 |
| 23 21 13 23-1004 | EA | 2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB | 82.60 | 42.87 |
| 23 21 13 23-1005 | EA | 2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB | 141.26 | 63.40 |
| 23 21 13 23-1006 | EA | 3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB | 188.80 | 83.40 |
| 23 21 13 23-1007 | EA | 4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB | 251.77 | 83.16 |
| **23 21 13 23-1008** | | **Reducing Couplings, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0957)* | | |
| 23 21 13 23-1009 | EA | 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 37.96 | 21.17 |
| 23 21 13 23-1010 | EA | 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 42.72 | 23.63 |
| 23 21 13 23-1011 | EA | 1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 50.88 | 26.41 |
| 23 21 13 23-1012 | EA | 1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 58.85 | 29.94 |
| 23 21 13 23-1013 | EA | 1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 70.05 | 33.69 |
| 23 21 13 23-1014 | EA | 2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 89.99 | 42.87 |
| 23 21 13 23-1015 | EA | 2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 157.54 | 63.40 |
| 23 21 13 23-1016 | EA | 3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 221.54 | 83.40 |
| 23 21 13 23-1017 | EA | 4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB | 319.84 | 83.16 |
| **23 21 13 23-1018** | | **Caps, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0957)* | | |
| 23 21 13 23-1019 | EA | 1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB | 21.31 | 9.94 |
| 23 21 13 23-1020 | EA | 3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB | 24.31 | 10.59 |
| 23 21 13 23-1021 | EA | 1" Cap, Carbon Steel, Socket Weld, 3,000 LB | 28.51 | 12.19 |
| 23 21 13 23-1022 | EA | 1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB | 33.16 | 13.26 |
| 23 21 13 23-1023 | EA | 1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB | 38.05 | 13.26 |
| 23 21 13 23-1024 | EA | 2" Cap, Carbon Steel, Socket Weld, 3,000 LB | 49.37 | 17.00 |
| 23 21 13 23-1025 | EA | 2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB | 87.77 | 21.17 |
| 23 21 13 23-1026 | EA | 3" Cap, Carbon Steel, Socket Weld, 3,000 LB | 126.69 | 25.56 |
| 23 21 13 23-1027 | EA | 4" Cap, Carbon Steel, Socket Weld, 3,000 LB | 180.51 | 28.46 |
| **23 21 13 23-1028** | | **Black Cast Iron Square Head Plug** *(23 21 13 23-0957)* | | |
| 23 21 13 23-1029 | EA | 1/2" Square Head Plug, Black, Cast Iron | 14.02 | 8.45 |
| 23 21 13 23-1030 | EA | 3/4" Square Head Plug, Black, Cast Iron | 16.11 | 8.45 |
| 23 21 13 23-1031 | EA | 1" Square Head Plug, Black, Cast Iron | 23.05 | 12.83 |
| 23 21 13 23-1032 | EA | 1-1/4" Square Head Plug, Black, Cast Iron | 23.47 | 12.83 |
| 23 21 13 23-1033 | EA | 1-1/2" Square Head Plug, Black, Cast Iron | 25.20 | 12.83 |
| 23 21 13 23-1034 | EA | 2" Square Head Plug, Black, Cast Iron | 33.39 | 17.00 |
| 23 21 13 23-1035 | EA | 2-1/2" Square Head Plug, Black, Cast Iron | 43.05 | 21.17 |
| 23 21 13 23-1036 | EA | 3" Square Head Plug, Black, Cast Iron | 56.57 | 25.56 |
| 23 21 13 23-1037 | EA | 4" Square Head Plug, Black, Cast Iron | 64.14 | 28.46 |
| **23 21 13 23-1038** | | **Unions, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0957)* | | |
| 23 21 13 23-1039 | EA | 1/2" Union, Carbon Steel, Socket Weld, 3,000 LB | 62.48 | 26.41 |
| 23 21 13 23-1040 | EA | 3/4" Union, Carbon Steel, Socket Weld, 3,000 LB | 69.18 | 30.47 |
| 23 21 13 23-1041 | EA | 1" Union, Carbon Steel, Socket Weld, 3,000 LB | 88.32 | 36.03 |
| 23 21 13 23-1042 | EA | 1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB | 111.59 | 42.87 |
| 23 21 13 23-1043 | EA | 1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB | 134.46 | 51.11 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1044 | EA | 2" Union, Carbon Steel, Socket Weld, 3,000 LB | 168.10 | 63.40 |
| 23 21 13 23-1045 | EA | 2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB | 290.39 | 68.86 |
| 23 21 13 23-1046 | EA | 3" Union, Carbon Steel, Socket Weld, 3,000 LB | 390.22 | 83.40 |
| 23 21 13 23-1047 | | Class 6,000 LB Carbon Steel Socket Weld Fittings *(23 21 13 23-0956)* Note: ASTM A105 | | |
| 23 21 13 23-1048 | | 90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1047)* | | |
| 23 21 13 23-1049 | EA | 1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 45.37 | 21.17 |
| 23 21 13 23-1050 | EA | 3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 51.11 | 23.63 |
| 23 21 13 23-1051 | EA | 1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 68.44 | 26.41 |
| 23 21 13 23-1052 | EA | 1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 98.61 | 29.94 |
| 23 21 13 23-1053 | EA | 1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 113.13 | 33.69 |
| 23 21 13 23-1054 | EA | 2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 156.12 | 42.87 |
| 23 21 13 23-1055 | EA | 2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 328.21 | 63.40 |
| 23 21 13 23-1056 | EA | 3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 473.10 | 83.40 |
| 23 21 13 23-1057 | EA | 4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 863.71 | 83.16 |
| 23 21 13 23-1058 | | 45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1047)* | | |
| 23 21 13 23-1059 | EA | 1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 51.85 | 21.17 |
| 23 21 13 23-1060 | EA | 3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 60.80 | 23.63 |
| 23 21 13 23-1061 | EA | 1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 71.97 | 26.41 |
| 23 21 13 23-1062 | EA | 1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 103.48 | 29.94 |
| 23 21 13 23-1063 | EA | 1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 123.27 | 33.69 |
| 23 21 13 23-1064 | EA | 2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 158.05 | 42.87 |
| 23 21 13 23-1065 | EA | 2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 386.84 | 63.40 |
| 23 21 13 23-1066 | EA | 3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 526.16 | 83.40 |
| 23 21 13 23-1067 | EA | 4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB | 861.15 | 83.16 |
| 23 21 13 23-1068 | | Straight Tees, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1047)* | | |
| 23 21 13 23-1069 | EA | 1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 59.17 | 26.41 |
| 23 21 13 23-1070 | EA | 3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 73.95 | 30.47 |
| 23 21 13 23-1071 | EA | 1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 104.00 | 36.03 |
| 23 21 13 23-1072 | EA | 1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 145.74 | 42.87 |
| 23 21 13 23-1073 | EA | 1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 177.73 | 51.11 |
| 23 21 13 23-1074 | EA | 2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 241.77 | 63.40 |
| 23 21 13 23-1075 | EA | 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 478.30 | 83.40 |
| 23 21 13 23-1076 | EA | 3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 678.90 | 99.01 |
| 23 21 13 23-1077 | EA | 4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB | 1,403.53 | 104.99 |
| 23 21 13 23-1078 | | Reducing Tees, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1047)* | | |
| 23 21 13 23-1079 | EA | 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 50.84 | 26.41 |
| 23 21 13 23-1080 | EA | 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 61.48 | 30.47 |
| 23 21 13 23-1081 | EA | 1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 81.29 | 36.03 |
| 23 21 13 23-1082 | EA | 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 109.70 | 42.87 |
| 23 21 13 23-1083 | EA | 1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 132.84 | 51.11 |
| 23 21 13 23-1084 | EA | 2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 176.91 | 63.40 |
| 23 21 13 23-1085 | EA | 2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 321.97 | 83.40 |
| 23 21 13 23-1086 | EA | 3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 443.33 | 99.01 |
| 23 21 13 23-1087 | EA | 4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 735.05 | 104.99 |
| 23 21 13 23-1088 | | Straight Couplings, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1047)* | | |
| 23 21 13 23-1089 | EA | 1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 37.74 | 21.17 |
| 23 21 13 23-1090 | EA | 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 42.65 | 23.63 |
| 23 21 13 23-1091 | EA | 1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 50.60 | 26.41 |
| 23 21 13 23-1092 | EA | 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 58.71 | 29.94 |
| 23 21 13 23-1093 | EA | 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 69.22 | 33.69 |
| 23 21 13 23-1094 | EA | 2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 91.49 | 42.87 |
| 23 21 13 23-1095 | EA | 2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 163.61 | 63.40 |
| 23 21 13 23-1096 | EA | 3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 219.62 | 83.40 |
| 23 21 13 23-1097 | EA | 4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB | 313.26 | 83.16 |
| 23 21 13 23-1098 | | Reducing Couplings, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1047)* | | |
| 23 21 13 23-1099 | EA | 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 40.98 | 21.17 |
| 23 21 13 23-1100 | EA | 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 46.20 | 23.63 |
| 23 21 13 23-1101 | EA | 1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 56.29 | 26.41 |
| 23 21 13 23-1102 | EA | 1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 65.58 | 29.94 |
| 23 21 13 23-1103 | EA | 1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 79.40 | 33.69 |
| 23 21 13 23-1104 | EA | 2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 102.36 | 42.87 |
| 23 21 13 23-1105 | EA | 2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 187.53 | 63.40 |
| 23 21 13 23-1106 | EA | 3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 267.85 | 83.40 |
| 23 21 13 23-1107 | EA | 4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB | 413.54 | 83.16 |
| 23 21 13 23-1108 | | Caps, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1047)* | | |
| 23 21 13 23-1109 | EA | 1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB | 25.64 | 9.94 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1110 | EA | 3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB | 29.98 | 10.59 |
| 23 21 13 23-1111 | EA | 1" Cap, Carbon Steel, Socket Weld, 6,000 LB | 35.38 | 12.19 |
| 23 21 13 23-1112 | EA | 1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB | 42.12 | 13.26 |
| 23 21 13 23-1113 | EA | 1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB | 50.30 | 13.26 |
| 23 21 13 23-1114 | EA | 2" Cap, Carbon Steel, Socket Weld, 6,000 LB | 65.35 | 17.00 |
| 23 21 13 23-1115 | EA | 2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB | 125.42 | 21.17 |
| 23 21 13 23-1116 | EA | 3" Cap, Carbon Steel, Socket Weld, 6,000 LB | 186.00 | 25.56 |
| 23 21 13 23-1117 | EA | 4" Cap, Carbon Steel, Socket Weld, 6,000 LB | 272.98 | 28.46 |
| **23 21 13 23-1118** | | **Black Cast Iron Square Head Plug** *(23 21 13 23-1047)* | | |
| 23 21 13 23-1119 | EA | 1/2" Square Head Plug, Black Cast Iron | 14.02 | 8.45 |
| 23 21 13 23-1120 | EA | 3/4" Square Head Plug, Black Cast Iron | 16.13 | 8.45 |
| 23 21 13 23-1121 | EA | 1" Square Head Plug, Black Cast Iron | 23.07 | 12.83 |
| 23 21 13 23-1122 | EA | 1-1/4" Square Head Plug, Black Cast Iron | 23.49 | 12.83 |
| 23 21 13 23-1123 | EA | 1-1/2" Square Head Plug, Black Cast Iron | 25.23 | 12.83 |
| 23 21 13 23-1124 | EA | 2" Square Head Plug, Black Cast Iron | 33.43 | 17.00 |
| 23 21 13 23-1125 | EA | 2-1/2" Square Head Plug, Black Cast Iron | 43.10 | 21.17 |
| 23 21 13 23-1126 | EA | 3" Square Head Plug, Black Cast Iron | 56.66 | 25.56 |
| 23 21 13 23-1127 | EA | 4" Square Head Plug, Black Cast Iron | 64.24 | 28.46 |
| **23 21 13 23-1128** | | **Unions, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1047)* | | |
| 23 21 13 23-1129 | EA | 1/2" Union, Carbon Steel, Socket Weld, 6,000 LB | 76.48 | 26.41 |
| 23 21 13 23-1130 | EA | 3/4" Union, Carbon Steel, Socket Weld, 6,000 LB | 83.54 | 30.47 |
| 23 21 13 23-1131 | EA | 1" Union, Carbon Steel, Socket Weld, 6,000 LB | 109.32 | 36.03 |
| 23 21 13 23-1132 | EA | 1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB | 140.56 | 42.87 |
| 23 21 13 23-1133 | EA | 1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB | 169.81 | 51.11 |
| 23 21 13 23-1134 | EA | 2" Union, Carbon Steel, Socket Weld, 6,000 LB | 212.78 | 63.40 |
| 23 21 13 23-1135 | EA | 2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB | 404.79 | 68.86 |
| 23 21 13 23-1136 | EA | 3" Union, Carbon Steel, Socket Weld, 6,000 LB | 552.37 | 83.40 |
| **23 21 13 23-1137** | | **Carbon Steel, Seamless Piping System** *(23 21 13 23-0956)*<br>Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition. | | |
| **23 21 13 23-1138** | | **Schedule 40, Carbon Steel, Seamless Piping** *(23 21 13 23-1137)*<br>Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings. | | |
| 23 21 13 23-1139 | LF | 1/4" ASTM A106 Carbon Steel Pipe, Schedule 40 | 10.22 | 3.96 |
| | | *For Schedule 80, Add* | *1.54* | |
| 23 21 13 23-1140 | LF | 1/2" ASTM A106 Carbon Steel Pipe, Schedule 40 | 10.40 | 4.28 |
| | | *For Schedule 80, Add* | *1.41* | |
| | | *For Schedule 160, Add* | *5.88* | |
| 23 21 13 23-1141 | LF | 3/4" ASTM A106 Carbon Steel Pipe, Schedule 40 | 11.70 | 4.59 |
| | | *For Schedule 80, Add* | *1.73* | |
| | | *For Schedule 160, Add* | *7.20* | |
| 23 21 13 23-1142 | LF | 1" ASTM A106 Carbon Steel Pipe, Schedule 40 | 12.41 | 5.03 |
| | | *For Schedule 80, Add* | *1.78* | |
| | | *For Schedule 160, Add* | *7.41* | |
| 23 21 13 23-1143 | LF | 1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40 | 16.59 | 6.21 |
| | | *For Schedule 80, Add* | *2.62* | |
| | | *For Schedule 160, Add* | *10.94* | |
| 23 21 13 23-1144 | LF | 2" ASTM A106 Carbon Steel Pipe, Schedule 40 | 20.85 | 7.48 |
| | | *For Schedule 80, Add* | *3.46* | |
| | | *For Schedule 160, Add* | *14.40* | |
| **23 21 13 23-1145** | | **90 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1146 | EA | 1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 30.01 | 16.25 |
| 23 21 13 23-1147 | EA | 1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 36.26 | 19.03 |
| 23 21 13 23-1148 | EA | 3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 40.51 | 21.28 |
| 23 21 13 23-1149 | EA | 1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 46.46 | 23.73 |
| 23 21 13 23-1150 | EA | 1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 73.44 | 30.37 |
| 23 21 13 23-1151 | EA | 2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 93.06 | 38.60 |
| 23 21 13 23-1152 | EA | 1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 31.80 | 16.25 |
| 23 21 13 23-1153 | EA | 1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 36.93 | 19.03 |
| 23 21 13 23-1154 | EA | 3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 42.73 | 21.28 |
| 23 21 13 23-1155 | EA | 1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 51.29 | 23.73 |
| 23 21 13 23-1156 | EA | 1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 84.98 | 30.37 |
| 23 21 13 23-1157 | EA | 2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 105.81 | 38.60 |
| 23 21 13 23-1158 | EA | 1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 43.21 | 19.03 |
| 23 21 13 23-1159 | EA | 3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 50.63 | 21.28 |
| 23 21 13 23-1160 | EA | 1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 59.60 | 23.73 |
| 23 21 13 23-1161 | EA | 1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 108.32 | 30.37 |
| 23 21 13 23-1162 | EA | 2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 167.72 | 38.60 |
| **23 21 13 23-1163** | | **45 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1164 | EA | 1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 33.77 | 16.25 |
| 23 21 13 23-1165 | EA | 1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 37.70 | 19.03 |
| 23 21 13 23-1166 | EA | 3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 42.38 | 21.28 |
| 23 21 13 23-1167 | EA | 1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 47.88 | 23.73 |
| 23 21 13 23-1168 | EA | 1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 68.83 | 30.37 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1169 | EA | 2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel | 100.17 | 38.60 |
| 23 21 13 23-1170 | EA | 1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 34.06 | 16.25 |
| 23 21 13 23-1171 | EA | 1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 39.35 | 19.03 |
| 23 21 13 23-1172 | EA | 3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 44.28 | 21.28 |
| 23 21 13 23-1173 | EA | 1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 52.82 | 23.73 |
| 23 21 13 23-1174 | EA | 1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 83.19 | 30.37 |
| 23 21 13 23-1175 | EA | 2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 109.79 | 38.60 |
| 23 21 13 23-1176 | EA | 1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 47.55 | 19.03 |
| 23 21 13 23-1177 | EA | 3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 58.46 | 21.28 |
| 23 21 13 23-1178 | EA | 1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 62.54 | 23.73 |
| 23 21 13 23-1179 | EA | 1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 124.97 | 30.37 |
| 23 21 13 23-1180 | EA | 2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 168.82 | 38.60 |
| **23 21 13 23-1181** | | **Straight Tees, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1182 | EA | 1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel | 40.02 | 22.56 |
| 23 21 13 23-1183 | EA | 1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel | 45.66 | 23.73 |
| 23 21 13 23-1184 | EA | 3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel | 54.79 | 27.48 |
| 23 21 13 23-1185 | EA | 1" Tee, Straight, 2,000 LB, Screwed Carbon Steel | 67.29 | 32.40 |
| 23 21 13 23-1186 | EA | 1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel | 108.29 | 45.98 |
| 23 21 13 23-1187 | EA | 2" Tee, Straight, 2,000 LB, Screwed Carbon Steel | 134.27 | 57.10 |
| 23 21 13 23-1188 | EA | 1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel | 41.55 | 22.56 |
| 23 21 13 23-1189 | EA | 1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel | 46.66 | 23.73 |
| 23 21 13 23-1190 | EA | 3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel | 58.13 | 27.48 |
| 23 21 13 23-1191 | EA | 1" Tee, Straight, 3,000 LB, Screwed Carbon Steel | 70.15 | 32.40 |
| 23 21 13 23-1192 | EA | 1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel | 118.19 | 45.98 |
| 23 21 13 23-1193 | EA | 2" Tee, Straight, 3,000 LB, Screwed Carbon Steel | 150.65 | 57.10 |
| 23 21 13 23-1194 | EA | 1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel | 54.19 | 23.73 |
| 23 21 13 23-1195 | EA | 3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel | 66.22 | 27.48 |
| 23 21 13 23-1196 | EA | 1" Tee, Straight, 6,000 LB, Screwed Carbon Steel | 90.16 | 32.40 |
| 23 21 13 23-1197 | EA | 1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel | 140.92 | 45.98 |
| 23 21 13 23-1198 | EA | 2" Tee, Straight, 6,000 LB, Screwed Carbon Steel | 223.13 | 57.10 |
| **23 21 13 23-1199** | | **Crosses, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1200 | EA | 1/4" Cross, 2,000 LB, Screwed Carbon Steel | 60.27 | 28.55 |
| 23 21 13 23-1201 | EA | 1/2" Cross, 2,000 LB, Screwed Carbon Steel | 71.36 | 32.07 |
| 23 21 13 23-1202 | EA | 3/4" Cross, 2,000 LB, Screwed Carbon Steel | 76.71 | 34.22 |
| 23 21 13 23-1203 | EA | 1" Cross, 2,000 LB, Screwed Carbon Steel | 94.98 | 41.27 |
| 23 21 13 23-1204 | EA | 1-1/2" Cross, 2,000 LB, Screwed Carbon Steel | 166.27 | 57.74 |
| 23 21 13 23-1205 | EA | 2" Cross, 2,000 LB, Screwed Carbon Steel | 214.88 | 71.32 |
| 23 21 13 23-1206 | EA | 1/2" Cross, 3,000 LB, Screwed Carbon Steel | 73.24 | 32.07 |
| 23 21 13 23-1207 | EA | 3/4" Cross, 3,000 LB, Screwed Carbon Steel | 87.53 | 34.22 |
| 23 21 13 23-1208 | EA | 1" Cross, 3,000 LB, Screwed Carbon Steel | 104.45 | 41.27 |
| 23 21 13 23-1209 | EA | 1-1/2" Cross, 3,000 LB, Screwed Carbon Steel | 179.92 | 57.74 |
| 23 21 13 23-1210 | EA | 2" Cross, 3,000 LB, Screwed Carbon Steel | 239.82 | 71.32 |
| 23 21 13 23-1211 | EA | 1/2" Cross, 6,000 LB, Screwed Carbon Steel | 108.50 | 32.07 |
| 23 21 13 23-1212 | EA | 3/4" Cross, 6,000 LB, Screwed Carbon Steel | 183.77 | 34.22 |
| 23 21 13 23-1213 | EA | 1" Cross, 6,000 LB, Screwed Carbon Steel | 252.75 | 41.27 |
| 23 21 13 23-1214 | EA | 1-1/2" Cross, 6,000 LB, Screwed Carbon Steel | 400.44 | 57.74 |
| 23 21 13 23-1215 | EA | 2" Cross, 6,000 LB, Screwed Carbon Steel | 438.11 | 71.32 |
| **23 21 13 23-1216** | | **Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1217 | EA | 1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel | 27.72 | 16.25 |
| 23 21 13 23-1218 | EA | 1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel | 31.65 | 19.03 |
| 23 21 13 23-1219 | EA | 3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel | 36.23 | 21.28 |
| 23 21 13 23-1220 | EA | 1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel | 42.12 | 23.73 |
| 23 21 13 23-1221 | EA | 1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel | 61.80 | 30.37 |
| 23 21 13 23-1222 | EA | 2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel | 78.44 | 38.60 |
| 23 21 13 23-1223 | EA | 1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel | 32.24 | 16.25 |
| 23 21 13 23-1224 | EA | 1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel | 34.51 | 19.03 |
| 23 21 13 23-1225 | EA | 3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel | 38.42 | 21.28 |
| 23 21 13 23-1226 | EA | 1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel | 45.05 | 23.73 |
| 23 21 13 23-1227 | EA | 1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel | 66.28 | 30.37 |
| 23 21 13 23-1228 | EA | 2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel | 94.78 | 38.60 |
| **23 21 13 23-1229** | | **Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1230 | EA | 1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel | 28.35 | 17.33 |
| 23 21 13 23-1231 | EA | 1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel | 33.13 | 19.03 |
| 23 21 13 23-1232 | EA | 3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel | 38.49 | 21.28 |
| 23 21 13 23-1233 | EA | 1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel | 45.26 | 23.73 |
| 23 21 13 23-1234 | EA | 1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel | 62.62 | 30.37 |
| 23 21 13 23-1235 | EA | 2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel | 82.85 | 38.60 |
| 23 21 13 23-1236 | EA | 1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel | 91.00 | 19.03 |
| 23 21 13 23-1237 | EA | 3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel | 94.40 | 21.28 |
| 23 21 13 23-1238 | EA | 1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel | 110.43 | 23.73 |
| 23 21 13 23-1239 | EA | 1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel | 159.02 | 30.37 |
| 23 21 13 23-1240 | EA | 2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel | 228.75 | 38.60 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 21 13 23-1241** | | **Caps, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1242 | EA | 1/4" Cap, 3,000 LB, Screwed Carbon Steel | 13.60 | 7.27 |
| 23 21 13 23-1243 | EA | 1/2" Cap, 3,000 LB, Screwed Carbon Steel | 15.71 | 8.45 |
| 23 21 13 23-1244 | EA | 3/4" Cap, 3,000 LB, Screwed Carbon Steel | 18.40 | 9.52 |
| 23 21 13 23-1245 | EA | 1" Cap, 3,000 LB, Screwed Carbon Steel | 22.23 | 10.59 |
| 23 21 13 23-1246 | EA | 1-1/2" Cap, 3,000 LB, Screwed Carbon Steel | 30.37 | 13.47 |
| 23 21 13 23-1247 | EA | 2" Cap, 3,000 LB, Screwed Carbon Steel | 41.38 | 17.22 |
| 23 21 13 23-1248 | EA | 1/4" Cap, 6,000 LB, Screwed Carbon Steel | 19.02 | 7.27 |
| 23 21 13 23-1249 | EA | 1/2" Cap, 6,000 LB, Screwed Carbon Steel | 19.19 | 8.45 |
| 23 21 13 23-1250 | EA | 3/4" Cap, 6,000 LB, Screwed Carbon Steel | 24.06 | 9.52 |
| 23 21 13 23-1251 | EA | 1" Cap, 6,000 LB, Screwed Carbon Steel | 26.37 | 10.59 |
| 23 21 13 23-1252 | EA | 1-1/2" Cap, 6,000 LB, Screwed Carbon Steel | 47.22 | 13.47 |
| 23 21 13 23-1253 | EA | 2" Cap, 6,000 LB, Screwed Carbon Steel | 57.80 | 17.22 |
| **23 21 13 23-1254** | | **Nipples, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1255 | EA | 1/4" Nipple, 2" Long, Screwed Carbon Steel | 17.04 | 9.73 |
| 23 21 13 23-1256 | EA | 1/2" Nipple, 2" Long, Screwed Carbon Steel | 17.33 | 10.15 |
| 23 21 13 23-1257 | EA | 3/4" Nipple, 2" Long, Screwed Carbon Steel | 17.19 | 10.15 |
| 23 21 13 23-1258 | EA | 1" Nipple, 2" Long, Screwed Carbon Steel | 19.19 | 11.01 |
| 23 21 13 23-1259 | EA | 1-1/2" Nipple, 2" Long, Screwed Carbon Steel | 21.96 | 11.87 |
| 23 21 13 23-1260 | EA | 2" Nipple, 2" Long, Screwed Carbon Steel | 26.12 | 15.29 |
| 23 21 13 23-1261 | EA | 1/4" Nipple, 4" Long, Screwed Carbon Steel | 18.08 | 9.73 |
| 23 21 13 23-1262 | EA | 1/2" Nipple, 4" Long, Screwed Carbon Steel | 18.15 | 10.15 |
| 23 21 13 23-1263 | EA | 3/4" Nipple, 4" Long, Screwed Carbon Steel | 18.12 | 10.15 |
| 23 21 13 23-1264 | EA | 1" Nipple, 4" Long, Screwed Carbon Steel | 20.45 | 11.01 |
| 23 21 13 23-1265 | EA | 1-1/2" Nipple, 4" Long, Screwed Carbon Steel | 24.20 | 11.87 |
| 23 21 13 23-1266 | EA | 2" Nipple, 4" Long, Screwed Carbon Steel | 29.39 | 15.29 |
| 23 21 13 23-1267 | EA | 1/4" Nipple, 6" Long, Screwed Carbon Steel | 20.55 | 9.73 |
| 23 21 13 23-1268 | EA | 1/2" Nipple, 6" Long, Screwed Carbon Steel | 19.45 | 10.15 |
| 23 21 13 23-1269 | EA | 3/4" Nipple, 6" Long, Screwed Carbon Steel | 19.58 | 10.15 |
| 23 21 13 23-1270 | EA | 1" Nipple, 6" Long, Screwed Carbon Steel | 22.25 | 11.01 |
| 23 21 13 23-1271 | EA | 1-1/2" Nipple, 6" Long, Screwed Carbon Steel | 27.25 | 11.87 |
| 23 21 13 23-1272 | EA | 2" Nipple, 6" Long, Screwed Carbon Steel | 32.10 | 15.29 |
| **23 21 13 23-1273** | | **Unions, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1274 | EA | 1/4" Union, 3,000 LB, Screwed Carbon Steel | 35.75 | 23.63 |
| 23 21 13 23-1275 | EA | 1/2" Union, 3,000 LB, Screwed Carbon Steel | 37.41 | 23.73 |
| 23 21 13 23-1276 | EA | 3/4" Union, 3,000 LB, Screwed Carbon Steel | 42.94 | 27.48 |
| 23 21 13 23-1277 | EA | 1" Union, 3,000 LB, Screwed Carbon Steel | 51.26 | 32.40 |
| 23 21 13 23-1278 | EA | 1-1/2" Union, 3,000 LB, Screwed Carbon Steel | 73.46 | 45.98 |
| 23 21 13 23-1279 | EA | 2" Union, 3,000 LB, Screwed Carbon Steel | 91.20 | 57.10 |
| 23 21 13 23-1280 | EA | 1/4" Union, 6,000 LB, Screwed Carbon Steel | 59.75 | 23.63 |
| 23 21 13 23-1281 | EA | 1/2" Union, 6,000 LB, Screwed Carbon Steel | 66.43 | 23.73 |
| 23 21 13 23-1282 | EA | 3/4" Union, 6,000 LB, Screwed Carbon Steel | 78.08 | 27.48 |
| 23 21 13 23-1283 | EA | 1" Union, 6,000 LB, Screwed Carbon Steel | 94.57 | 32.40 |
| 23 21 13 23-1284 | EA | 1-1/2" Union, 6,000 LB, Screwed Carbon Steel | 162.01 | 45.98 |
| 23 21 13 23-1285 | EA | 2" Union, 6,000 LB, Screwed Carbon Steel | 200.19 | 57.10 |
| **23 21 13 23-1286** | | **Weld Neck Flanges, Screwed Carbon Steel** *(23 21 13 23-1137)* | | |
| 23 21 13 23-1287 | EA | 1/2" Flange, 150 LB, Screwed Carbon Steel | 79.03 | 44.16 |
| 23 21 13 23-1288 | EA | 3/4" Flange, 150 LB, Screwed Carbon Steel | 82.64 | 46.30 |
| 23 21 13 23-1289 | EA | 1" Flange, 150 LB, Screwed Carbon Steel | 85.65 | 48.33 |
| 23 21 13 23-1290 | EA | 1-1/2" Flange, 150 LB, Screwed Carbon Steel | 95.26 | 54.43 |
| 23 21 13 23-1291 | EA | 2" Flange, 150 LB, Screwed Carbon Steel | 98.81 | 56.77 |
| 23 21 13 23-1292 | EA | 1/2" Flange, 300 LB, Screwed Carbon Steel | 79.84 | 44.16 |
| | | *For Ring Type Joint, Add* | *13.58* | |
| | | *For Blind Flange, Deduct* | *-29.22* | |
| 23 21 13 23-1293 | EA | 3/4" Flange, 300 LB, Screwed Carbon Steel | 83.50 | 46.30 |
| | | *For Ring Type Joint, Add* | *14.03* | |
| | | *For Blind Flange, Deduct* | *-30.59* | |
| 23 21 13 23-1294 | EA | 1" Flange, 300 LB, Screwed Carbon Steel | 86.96 | 48.33 |
| | | *For Ring Type Joint, Add* | *14.48* | |
| | | *For Blind Flange, Deduct* | *-31.89* | |
| 23 21 13 23-1295 | EA | 1-1/2" Flange, 300 LB, Screwed Carbon Steel | 98.38 | 54.43 |
| | | *For Ring Type Joint, Add* | *16.75* | |
| | | *For Blind Flange, Deduct* | *-36.00* | |
| 23 21 13 23-1296 | EA | 2" Flange, 300 LB, Screwed Carbon Steel | 101.93 | 56.77 |
| | | *For Ring Type Joint, Add* | *16.75* | |
| | | *For Blind Flange, Deduct* | *-37.42* | |
| 23 21 13 23-1297 | EA | 1/2" Flange, 600 LB, Screwed Carbon Steel | 85.18 | 44.16 |
| | | *For Ring Type Joint, Add* | *18.92* | |
| | | *For Blind Flange, Deduct* | *-30.29* | |
| 23 21 13 23-1298 | EA | 3/4" Flange, 600 LB, Screwed Carbon Steel | 88.39 | 46.30 |
| | | *For Ring Type Joint, Add* | *18.92* | |
| | | *For Blind Flange, Deduct* | *-31.57* | |
| 23 21 13 23-1299 | EA | 1" Flange, 600 LB, Screwed Carbon Steel | 92.26 | 48.33 |
| | | *For Ring Type Joint, Add* | *19.78* | |
| | | *For Blind Flange, Deduct* | *-32.95* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1300 | EA | 1-1/2" Flange, 600 LB, Screwed Carbon Steel | 104.95 | 54.43 |
| | | *For Ring Type Joint, Add* | *23.32* | |
| | | *For Blind Flange, Deduct* | *-37.32* | |
| 23 21 13 23-1301 | EA | 2" Flange, 600 LB, Screwed Carbon Steel | 106.88 | 56.77 |
| | | *For Ring Type Joint, Add* | *21.70* | |
| | | *For Blind Flange, Deduct* | *-38.41* | |
| 23 21 13 23-1302 | | Square Head Plugs, Screwed Carbon Steel *(23 21 13 23-1137)* | | |
| 23 21 13 23-1303 | EA | 1/4" Square Head Plug, Screwed Carbon Steel | 5.67 | 2.99 |
| 23 21 13 23-1304 | EA | 1/2" Square Head Plug, Screwed Carbon Steel | 6.80 | 3.53 |
| 23 21 13 23-1305 | EA | 3/4" Square Head Plug, Screwed Carbon Steel | 7.89 | 4.06 |
| 23 21 13 23-1306 | EA | 1" Square Head Plug, Screwed Carbon Steel | 11.50 | 5.98 |
| 23 21 13 23-1307 | EA | 1-1/2" Square Head Plug, Screwed Carbon Steel | 14.65 | 5.98 |
| 23 21 13 23-1308 | EA | 2" Square Head Plug, Screwed Carbon Steel | 21.16 | 7.81 |
| 23 21 13 23-1309 | | Hex Head Plugs, Screwed Carbon Steel *(23 21 13 23-1137)* | | |
| 23 21 13 23-1310 | EA | 1/4" Hex Head Plug, Screwed Carbon Steel | 5.36 | 2.99 |
| 23 21 13 23-1311 | EA | 1/2" Hex Head Plug, Screwed Carbon Steel | 6.51 | 3.53 |
| 23 21 13 23-1312 | EA | 3/4" Hex Head Plug, Screwed Carbon Steel | 7.70 | 4.06 |
| 23 21 13 23-1313 | EA | 1" Hex Head Plug, Screwed Carbon Steel | 11.33 | 5.98 |
| 23 21 13 23-1314 | EA | 1-1/2" Hex Head Plug, Screwed Carbon Steel | 13.96 | 5.98 |
| 23 21 13 23-1315 | EA | 2" Hex Head Plug, Screwed Carbon Steel | 21.65 | 7.81 |
| 23 21 13 23-1316 | | Round Head Plugs, Screwed Carbon Steel *(23 21 13 23-1137)* | | |
| 23 21 13 23-1317 | EA | 1/4" Round Head Plug, Screwed Carbon Steel | 6.38 | 2.99 |
| 23 21 13 23-1318 | EA | 1/2" Round Head Plug, Screwed Carbon Steel | 6.84 | 3.53 |
| 23 21 13 23-1319 | EA | 3/4" Round Head Plug, Screwed Carbon Steel | 7.75 | 4.06 |
| 23 21 13 23-1320 | EA | 1" Round Head Plug, Screwed Carbon Steel | 11.61 | 5.98 |
| 23 21 13 23-1321 | EA | 1-1/2" Round Head Plug, Screwed Carbon Steel | 15.53 | 5.98 |
| 23 21 13 23-1322 | EA | 2" Round Head Plug, Screwed Carbon Steel | 21.46 | 7.81 |
| 23 21 13 23-1323 | | Hexagon Bushings, Screwed Carbon Steel *(23 21 13 23-1137)* | | |
| 23 21 13 23-1324 | EA | 1/4" Hex Bushing, Screwed Carbon Steel | 5.59 | 2.99 |
| 23 21 13 23-1325 | EA | 1/2" Hex Bushing, Screwed Carbon Steel | 6.49 | 3.53 |
| 23 21 13 23-1326 | EA | 3/4" Hex Bushing, Screwed Carbon Steel | 7.62 | 4.06 |
| 23 21 13 23-1327 | EA | 1" Hex Bushing, Screwed Carbon Steel | 11.56 | 5.98 |
| 23 21 13 23-1328 | EA | 1-1/2" Hex Bushing, Screwed Carbon Steel | 13.90 | 5.98 |
| 23 21 13 23-1329 | EA | 2" Hex Bushing, Screwed Carbon Steel | 20.93 | 7.81 |
| 23 21 13 23-1330 | | 90 Degree Street Elbows, Screwed Carbon Steel *(23 21 13 23-1137)* | | |
| 23 21 13 23-1331 | EA | 1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 35.75 | 16.25 |
| 23 21 13 23-1332 | EA | 1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 40.76 | 19.03 |
| 23 21 13 23-1333 | EA | 3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 47.66 | 21.28 |
| 23 21 13 23-1334 | EA | 1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 55.78 | 23.73 |
| 23 21 13 23-1335 | EA | 1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 88.60 | 30.37 |
| 23 21 13 23-1336 | EA | 2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel | 119.35 | 38.60 |
| 23 21 13 23-1337 | EA | 1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 57.17 | 19.03 |
| 23 21 13 23-1338 | EA | 3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 81.02 | 21.28 |
| 23 21 13 23-1339 | EA | 1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 111.59 | 23.73 |
| 23 21 13 23-1340 | EA | 1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel | 242.13 | 30.37 |
| 23 21 13 23-1341 | | Screwed Carbon Steel Laterals *(23 21 13 23-1137)* | | |
| 23 21 13 23-1342 | EA | 1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel | 148.63 | 23.73 |
| 23 21 13 23-1343 | EA | 3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel | 178.68 | 27.48 |
| 23 21 13 23-1344 | EA | 1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel | 218.58 | 32.40 |
| 23 21 13 23-1345 | EA | 1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel | 281.22 | 45.98 |
| 23 21 13 23-1346 | EA | 2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel | 350.84 | 57.10 |
| 23 21 13 23-1347 | EA | 1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel | 186.95 | 23.73 |
| 23 21 13 23-1348 | EA | 3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel | 235.66 | 27.48 |
| 23 21 13 23-1349 | EA | 1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel | 279.51 | 32.40 |
| 23 21 13 23-1350 | EA | 1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel | 393.24 | 45.98 |
| 23 21 13 23-1351 | | Grooved-Joint Pipe *(23 21 13 23)* | | |
| | | Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings. | | |
| 23 21 13 23-1352 | | Schedule 10 Black Grooved Pipe *(23 21 13 23-1351)* | | |
| 23 21 13 23-1353 | LF | 2" Black Schedule 10 Grooved Pipe | 24.81 | 13.58 |
| 23 21 13 23-1354 | LF | 2-1/2" Black Schedule 10 Grooved Pipe | 33.74 | 18.61 |
| 23 21 13 23-1355 | LF | 3" Black Schedule 10 Grooved Pipe | 37.68 | 20.64 |
| 23 21 13 23-1356 | LF | 3-1/2" Black Schedule 10 Grooved Pipe | 40.73 | 21.39 |
| 23 21 13 23-1357 | LF | 4" Black Schedule 10 Grooved Pipe | 43.59 | 23.20 |
| 23 21 13 23-1358 | LF | 5" Black Schedule 10 Grooved Pipe | 58.11 | 28.44 |
| 23 21 13 23-1359 | LF | 6" Black Schedule 10 Grooved Pipe | 77.91 | 40.42 |
| 23 21 13 23-1360 | LF | 8" Black Schedule 10 Grooved Pipe | 98.61 | 45.34 |
| 23 21 13 23-1361 | LF | 10" Black Schedule 10 Grooved Pipe | 121.90 | 54.64 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1362 | LF | 12" Black Schedule 10 Grooved Pipe | 139.74 | 61.91 |
| **23 21 13 23-1363** | | **Schedule 40 Black Grooved Pipe** *(23 21 13 23-1351)* | | |
| 23 21 13 23-1364 | LF | 3/4" Black Schedule 40 Grooved Pipe | 14.94 | 8.23 |
| 23 21 13 23-1365 | LF | 1" Black Schedule 40 Grooved Pipe | 16.85 | 9.30 |
| 23 21 13 23-1366 | LF | 1-1/4" Black Schedule 40 Grooved Pipe | 18.80 | 10.05 |
| 23 21 13 23-1367 | LF | 1-1/2" Black Schedule 40 Grooved Pipe | 21.37 | 11.44 |
| 23 21 13 23-1368 | LF | 2" Black Schedule 40 Grooved Pipe | 27.09 | 14.55 |
| 23 21 13 23-1369 | LF | 2-1/2" Black Schedule 40 Grooved Pipe | 37.43 | 19.89 |
| 23 21 13 23-1370 | LF | 3" Black Schedule 40 Grooved Pipe | 43.54 | 22.67 |
| 23 21 13 23-1371 | LF | 4" Black Schedule 40 Grooved Pipe | 51.33 | 25.23 |
| 23 21 13 23-1372 | LF | 5" Black Schedule 40 Grooved Pipe | 67.44 | 30.68 |
| 23 21 13 23-1373 | LF | 6" Black Schedule 40 Grooved Pipe | 93.04 | 44.26 |
| 23 21 13 23-1374 | LF | 8" Black Schedule 40 Grooved Pipe | 116.76 | 50.15 |
| 23 21 13 23-1375 | LF | 10" Black Schedule 40 Grooved Pipe | 153.56 | 59.88 |
| 23 21 13 23-1376 | LF | 12" Black Schedule 40 Grooved Pipe | 179.46 | 68.75 |
| 23 21 13 23-1377 | LF | 14" Black Schedule 40 Grooved Pipe | 238.53 | 92.92 |
| 23 21 13 23-1378 | LF | 16" Black Schedule 40 Grooved Pipe | 277.93 | 109.28 |
| 23 21 13 23-1379 | LF | 18" Black Schedule 40 Grooved Pipe | 342.66 | 132.70 |
| 23 21 13 23-1380 | LF | 20" Black Schedule 40 Grooved Pipe | 396.56 | 154.72 |
| 23 21 13 23-1381 | LF | 24" Black Schedule 40 Grooved Pipe | 505.22 | 185.73 |
| **23 21 13 23-1382** | | **Schedule 80 Black Grooved Pipe** *(23 21 13 23-1351)* | | |
| 23 21 13 23-1383 | LF | 3/4" Black Schedule 80 Grooved Pipe | 16.35 | 8.99 |
| 23 21 13 23-1384 | LF | 1" Black Schedule 80 Grooved Pipe | 17.83 | 9.52 |
| 23 21 13 23-1385 | LF | 1-1/4" Black Schedule 80 Grooved Pipe | 20.45 | 10.59 |
| 23 21 13 23-1386 | LF | 1-1/2" Black Schedule 80 Grooved Pipe | 23.14 | 11.87 |
| 23 21 13 23-1387 | LF | 2" Black Schedule 80 Grooved Pipe | 29.90 | 15.29 |
| 23 21 13 23-1388 | LF | 2-1/2" Black Schedule 80 Grooved Pipe | 41.65 | 21.06 |
| 23 21 13 23-1389 | LF | 3" Black Schedule 80 Grooved Pipe | 48.54 | 23.63 |
| 23 21 13 23-1390 | LF | 4" Black Schedule 80 Grooved Pipe | 57.87 | 25.77 |
| 23 21 13 23-1391 | LF | 5" Black Schedule 80 Grooved Pipe | 82.84 | 32.40 |
| 23 21 13 23-1392 | LF | 6" Black Schedule 80 Grooved Pipe | 111.18 | 46.41 |
| 23 21 13 23-1393 | LF | 8" Black Schedule 80 Grooved Pipe | 153.31 | 53.04 |
| 23 21 13 23-1394 | LF | 10" Black Schedule 80 Grooved Pipe | 189.22 | 64.05 |
| 23 21 13 23-1395 | LF | 12" Black Schedule 80 Grooved Pipe | 207.20 | 77.42 |
| **23 21 13 23-1396** | | **Schedule 40 Galvanized Grooved Pipe** *(23 21 13 23-1351)* | | |
| 23 21 13 23-1397 | LF | 3/4" Galvanized Schedule 40 Grooved Pipe | 17.69 | 8.23 |
| 23 21 13 23-1398 | LF | 1" Galvanized Schedule 40 Grooved Pipe | 20.47 | 9.30 |
| 23 21 13 23-1399 | LF | 1-1/4" Galvanized Schedule 40 Grooved Pipe | 22.78 | 10.05 |
| 23 21 13 23-1400 | LF | 1-1/2" Galvanized Schedule 40 Grooved Pipe | 25.92 | 11.44 |
| 23 21 13 23-1401 | LF | 2" Galvanized Schedule 40 Grooved Pipe | 32.81 | 14.55 |
| 23 21 13 23-1402 | LF | 2-1/2" Galvanized Schedule 40 Grooved Pipe | 45.87 | 19.89 |
| 23 21 13 23-1403 | LF | 3" Galvanized Schedule 40 Grooved Pipe | 54.31 | 22.67 |
| 23 21 13 23-1404 | LF | 4" Galvanized Schedule 40 Grooved Pipe | 66.62 | 25.23 |
| 23 21 13 23-1405 | LF | 5" Galvanized Schedule 40 Grooved Pipe | 92.87 | 30.68 |
| 23 21 13 23-1406 | LF | 6" Galvanized Schedule 40 Grooved Pipe | 125.65 | 44.26 |
| 23 21 13 23-1407 | LF | 8" Galvanized Schedule 40 Grooved Pipe | 165.60 | 50.15 |
| 23 21 13 23-1408 | LF | 10" Galvanized Schedule 40 Grooved Pipe | 231.79 | 59.88 |
| 23 21 13 23-1409 | LF | 12" Galvanized Schedule 40 Grooved Pipe | 273.48 | 68.75 |
| **23 21 13 23-1410** | | **Schedule 80 Galvanized Grooved Pipe** *(23 21 13 23-1351)* | | |
| 23 21 13 23-1411 | LF | 3/4" Galvanized Schedule 80 Grooved Pipe | 19.03 | 8.99 |
| 23 21 13 23-1412 | LF | 1" Galvanized Schedule 80 Grooved Pipe | 24.48 | 9.52 |
| 23 21 13 23-1413 | LF | 1-1/4" Galvanized Schedule 80 Grooved Pipe | 24.90 | 10.59 |
| 23 21 13 23-1414 | LF | 1-1/2" Galvanized Schedule 80 Grooved Pipe | 32.37 | 12.62 |
| 23 21 13 23-1415 | LF | 2" Galvanized Schedule 80 Grooved Pipe | 36.77 | 15.29 |
| 23 21 13 23-1416 | LF | 2-1/2" Galvanized Schedule 80 Grooved Pipe | 51.95 | 21.06 |
| 23 21 13 23-1417 | LF | 3" Galvanized Schedule 80 Grooved Pipe | 62.23 | 23.63 |
| 23 21 13 23-1418 | LF | 4" Galvanized Schedule 80 Grooved Pipe | 77.72 | 25.77 |
| 23 21 13 23-1419 | LF | 5" Galvanized Schedule 80 Grooved Pipe | 116.05 | 32.40 |
| 23 21 13 23-1420 | LF | 6" Galvanized Schedule 80 Grooved Pipe | 151.10 | 46.41 |
| 23 21 13 23-1421 | LF | 8" Galvanized Schedule 80 Grooved Pipe | 223.42 | 53.04 |
| 23 21 13 23-1422 | LF | 10" Galvanized Schedule 80 Grooved Pipe | 266.04 | 64.05 |
| 23 21 13 23-1423 | LF | 12" Galvanized Schedule 80 Grooved Pipe | 293.08 | 77.42 |
| **23 21 13 23-1424** | | **Painted Grooved-Joint Pipe Fittings** *(23 21 13 23)*<br>Note: Couplings are not included with fittings. | | |
| **23 21 13 23-1425** | | **Grooved Elbows** *(23 21 13 23-1424)* | | |
| **23 21 13 23-1426** | | **90 Degree Grooved Elbows** *(23 21 13 23-1425)*<br>Note: Victaulic No. 10 | | |
| 23 21 13 23-1427 | EA | 3/4", Ductile Iron, Grooved 90 Degree Elbow | 80.27 | 11.66 |
| | | *For Galvanized Fittings, Add* | *20.72* | |
| 23 21 13 23-1428 | EA | 1", Ductile Iron, Grooved 90 Degree Elbow | 80.27 | 11.66 |
| | | *For Galvanized Fittings, Add* | *20.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1429 | EA | 1-1/4", Ductile Iron, Grooved 90 Degree Elbow | 84.64 | 14.55 |
| | | *For Galvanized Fittings, Add* | *20.72* | |
| 23 21 13 23-1430 | EA | 1-1/2", Ductile Iron, Grooved 90 Degree Elbow | 89.27 | 17.64 |
| | | *For Galvanized Fittings, Add* | *20.72* | |
| 23 21 13 23-1431 | EA | 2", Ductile Iron, Grooved 90 Degree Elbow | 97.75 | 23.31 |
| | | *For Galvanized Fittings, Add* | *20.72* | |
| 23 21 13 23-1432 | EA | 2-1/2", Ductile Iron, Grooved 90 Degree Elbow | 105.37 | 28.44 |
| | | *For Galvanized Fittings, Add* | *20.72* | |
| 23 21 13 23-1433 | EA | 3", Ductile Iron, Grooved 90 Degree Elbow | 163.16 | 34.43 |
| | | *For Galvanized Fittings, Add* | *36.81* | |
| 23 21 13 23-1434 | EA | 4", Ductile Iron, Grooved 90 Degree Elbow | 189.62 | 45.44 |
| | | *For Galvanized Fittings, Add* | *40.10* | |
| 23 21 13 23-1435 | EA | 5", Ductile Iron, Grooved 90 Degree Elbow | 380.90 | 56.77 |
| | | *For Galvanized Fittings, Add* | *97.60* | |
| 23 21 13 23-1436 | EA | 6", Ductile Iron, Grooved 90 Degree Elbow | 455.11 | 74.31 |
| | | *For Galvanized Fittings, Add* | *113.43* | |
| 23 21 13 23-1437 | EA | 8", Ductile Iron, Grooved 90 Degree Elbow | 856.04 | 88.43 |
| | | *For Galvanized Fittings, Add* | *238.74* | |
| 23 21 13 23-1438 | EA | 10", Ductile Iron, Grooved 90 Degree Elbow | 1,281.83 | 103.18 |
| | | *For Galvanized Fittings, Add* | *371.95* | |
| 23 21 13 23-1439 | EA | 12", Ductile Iron, Grooved 90 Degree Elbow | 1,992.25 | 123.82 |
| | | *For Galvanized Fittings, Add* | *596.18* | |
| 23 21 13 23-1440 | EA | 14", Steel, Grooved 90 Degree Elbow | 3,966.69 | 139.75 |
| | | *For Galvanized Fittings, Add* | *1,239.85* | |
| 23 21 13 23-1441 | EA | 16", Steel, Grooved 90 Degree Elbow | 5,148.23 | 154.72 |
| | | *For Galvanized Fittings, Add* | *1,622.35* | |
| 23 21 13 23-1442 | EA | 18", Steel, Grooved 90 Degree Elbow | 6,488.60 | 169.05 |
| | | *For Galvanized Fittings, Add* | *2,057.62* | |
| 23 21 13 23-1443 | EA | 20", Steel, Grooved 90 Degree Elbow | 8,457.31 | 175.78 |
| | | *For Galvanized Fittings, Add* | *2,703.92* | |
| 23 21 13 23-1444 | EA | 24", Steel, Grooved 90 Degree Elbow | 12,102.47 | 207.87 |
| | | *For Galvanized Fittings, Add* | *3,891.00* | |

### 23 21 13 23-1445 45 Degree Grooved Elbows *(23 21 13 23-1425)*

Note: Victaulic No. 11

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1446 | EA | 3/4", Ductile Iron, Grooved 45 Degree Elbow | 80.22 | 11.66 |
| | | *For Galvanized Fittings, Add* | *15.06* | |
| 23 21 13 23-1447 | EA | 1", Ductile Iron, Grooved 45 Degree Elbow | 80.22 | 11.66 |
| | | *For Galvanized Fittings, Add* | *15.06* | |
| 23 21 13 23-1448 | EA | 1-1/4", Ductile Iron, Grooved 45 Degree Elbow | 84.59 | 14.55 |
| | | *For Galvanized Fittings, Add* | *15.06* | |
| 23 21 13 23-1449 | EA | 1-1/2", Ductile Iron, Grooved 45 Degree Elbow | 89.22 | 17.64 |
| | | *For Galvanized Fittings, Add* | *15.06* | |
| 23 21 13 23-1450 | EA | 2", Ductile Iron, Grooved 45 Degree Elbow | 97.70 | 23.31 |
| | | *For Galvanized Fittings, Add* | *15.06* | |
| 23 21 13 23-1451 | EA | 2-1/2", Ductile Iron, Grooved 45 Degree Elbow | 105.32 | 28.44 |
| | | *For Galvanized Fittings, Add* | *15.06* | |
| 23 21 13 23-1452 | EA | 3", Ductile Iron, Grooved 45 Degree Elbow | 163.11 | 34.43 |
| | | *For Galvanized Fittings, Add* | *26.76* | |
| 23 21 13 23-1453 | EA | 4", Ductile Iron, Grooved 45 Degree Elbow | 189.62 | 45.44 |
| | | *For Galvanized Fittings, Add* | *29.16* | |
| 23 21 13 23-1454 | EA | 5", Ductile Iron, Grooved 45 Degree Elbow | 380.90 | 56.77 |
| | | *For Galvanized Fittings, Add* | *70.98* | |
| 23 21 13 23-1455 | EA | 6", Ductile Iron, Grooved 45 Degree Elbow | 455.11 | 74.31 |
| | | *For Galvanized Fittings, Add* | *82.50* | |
| 23 21 13 23-1456 | EA | 8", Ductile Iron, Grooved 45 Degree Elbow | 856.04 | 88.43 |
| | | *For Galvanized Fittings, Add* | *173.63* | |
| 23 21 13 23-1457 | EA | 10", Ductile Iron, Grooved 45 Degree Elbow | 1,281.83 | 103.18 |
| | | *For Galvanized Fittings, Add* | *270.51* | |
| 23 21 13 23-1458 | EA | 12", Ductile Iron, Grooved 45 Degree Elbow | 1,992.25 | 123.82 |
| | | *For Galvanized Fittings, Add* | *433.59* | |
| 23 21 13 23-1459 | EA | 14", Steel, Grooved 45 Degree Elbow | 3,966.69 | 139.75 |
| | | *For Galvanized Fittings, Add* | *901.71* | |
| 23 21 13 23-1460 | EA | 16", Steel, Grooved 45 Degree Elbow | 5,148.23 | 154.72 |
| | | *For Galvanized Fittings, Add* | *1,179.89* | |
| 23 21 13 23-1461 | EA | 18", Steel, Grooved 45 Degree Elbow | 6,488.60 | 169.05 |
| | | *For Galvanized Fittings, Add* | *1,496.45* | |
| 23 21 13 23-1462 | EA | 20", Steel, Grooved 45 Degree Elbow | 8,457.78 | 176.11 |
| | | *For Galvanized Fittings, Add* | *1,966.49* | |
| 23 21 13 23-1463 | EA | 24", Steel, Grooved 45 Degree Elbow | 12,102.47 | 207.87 |
| | | *For Galvanized Fittings, Add* | *2,829.82* | |

### 23 21 13 23-1464 22-1/2 Degree Grooved Elbows *(23 21 13 23-1425)*

Note: Victaulic No. 12

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1465 | EA | 1", Ductile Iron, Grooved 22-1/2 Degree Elbow | 84.35 | 11.66 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1466 | EA | 1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow | 88.72 | 14.55 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1467 | EA | 1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow | 93.35 | 17.64 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1468 | EA | 2", Ductile Iron, Grooved 22-1/2 Degree Elbow | 101.83 | 23.31 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1469 | EA | 2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow | 109.45 | 28.44 |
| | | *For Galvanized Fittings, Add* | *16.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1470 | EA | 3", Ductile Iron, Grooved 22-1/2 Degree Elbow | 149.43 | 34.43 |
| | | *For Galvanized Fittings, Add* | *23.48* | |
| 23 21 13 23-1471 | EA | 4", Ductile Iron, Grooved 22-1/2 Degree Elbow | 199.28 | 45.44 |
| | | *For Galvanized Fittings, Add* | *31.48* | |
| 23 21 13 23-1472 | EA | 5", Ductile Iron, Grooved 22-1/2 Degree Elbow | 491.91 | 56.77 |
| | | *For Galvanized Fittings, Add* | *97.63* | |
| 23 21 13 23-1473 | EA | 6", Ductile Iron, Grooved 22-1/2 Degree Elbow | 482.99 | 74.31 |
| | | *For Galvanized Fittings, Add* | *89.19* | |
| 23 21 13 23-1474 | EA | 8", Ductile Iron, Grooved 22-1/2 Degree Elbow | 910.12 | 88.43 |
| | | *For Galvanized Fittings, Add* | *186.60* | |
| 23 21 13 23-1475 | EA | 10", Steel, Grooved 22-1/2 Degree Elbow | 1,222.15 | 103.18 |
| | | *For Galvanized Fittings, Add* | *256.19* | |
| 23 21 13 23-1476 | EA | 12", Steel, Grooved 22-1/2 Degree Elbow | 1,628.73 | 123.82 |
| | | *For Galvanized Fittings, Add* | *346.34* | |
| 23 21 13 23-1477 | EA | 14", Steel, Grooved 22-1/2 Degree Elbow | 1,876.39 | 139.75 |
| | | *For Galvanized Fittings, Add* | *400.03* | |
| 23 21 13 23-1478 | EA | 16", Steel, Grooved 22-1/2 Degree Elbow | 2,231.13 | 154.72 |
| | | *For Galvanized Fittings, Add* | *479.79* | |
| 23 21 13 23-1479 | EA | 18", Steel, Grooved 22-1/2 Degree Elbow | 2,674.48 | 169.05 |
| | | *For Galvanized Fittings, Add* | *581.06* | |
| 23 21 13 23-1480 | EA | 20", Steel, Grooved 22-1/2 Degree Elbow | 3,125.98 | 175.78 |
| | | *For Galvanized Fittings, Add* | *686.97* | |
| 23 21 13 23-1481 | EA | 24", Steel, Grooved 22-1/2 Degree Elbow | 4,157.95 | 207.87 |
| | | *For Galvanized Fittings, Add* | *923.14* | |

### 23 21 13 23-1482 11-1/4 Degree Grooved Elbows *(23 21 13 23-1425)*

Note: Victaulic No. 13

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1483 | EA | 1", Ductile Iron, Grooved 11-1/4 Degree Elbow | 84.35 | 11.66 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1484 | EA | 1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow | 88.72 | 14.55 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1485 | EA | 1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow | 93.35 | 17.64 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1486 | EA | 2", Ductile Iron, Grooved 11-1/4 Degree Elbow | 101.83 | 23.31 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1487 | EA | 2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow | 109.45 | 28.44 |
| | | *For Galvanized Fittings, Add* | *16.05* | |
| 23 21 13 23-1488 | EA | 3", Ductile Iron, Grooved 11-1/4 Degree Elbow | 149.42 | 34.43 |
| | | *For Galvanized Fittings, Add* | *23.48* | |
| 23 21 13 23-1489 | EA | 4", Ductile Iron, Grooved 11-1/4 Degree Elbow | 199.27 | 45.44 |
| | | *For Galvanized Fittings, Add* | *31.48* | |
| 23 21 13 23-1490 | EA | 5", Ductile Iron, Grooved 11-1/4 Degree Elbow | 491.89 | 56.77 |
| | | *For Galvanized Fittings, Add* | *97.62* | |
| 23 21 13 23-1491 | EA | 6", Ductile Iron, Grooved 11-1/4 Degree Elbow | 482.97 | 74.31 |
| | | *For Galvanized Fittings, Add* | *89.18* | |
| 23 21 13 23-1492 | EA | 8", Ductile Iron, Grooved 11-1/4 Degree Elbow | 910.08 | 88.43 |
| | | *For Galvanized Fittings, Add* | *186.60* | |
| 23 21 13 23-1493 | EA | 10", Steel, Grooved 11-1/4 Degree Elbow | 1,222.09 | 103.18 |
| | | *For Galvanized Fittings, Add* | *256.17* | |
| 23 21 13 23-1494 | EA | 12", Steel, Grooved 11-1/4 Degree Elbow | 1,628.66 | 123.82 |
| | | *For Galvanized Fittings, Add* | *346.32* | |
| 23 21 13 23-1495 | EA | 14", Steel, Grooved 11-1/4 Degree Elbow | 1,876.30 | 139.75 |
| | | *For Galvanized Fittings, Add* | *400.01* | |
| 23 21 13 23-1496 | EA | 16", Steel, Grooved 11-1/4 Degree Elbow | 2,231.06 | 154.83 |
| | | *For Galvanized Fittings, Add* | *479.76* | |
| 23 21 13 23-1497 | EA | 18", Steel, Grooved 11-1/4 Degree Elbow | 2,674.32 | 169.05 |
| | | *For Galvanized Fittings, Add* | *581.03* | |
| 23 21 13 23-1498 | EA | 20", Steel, Grooved 11-1/4 Degree Elbow | 3,125.82 | 175.78 |
| | | *For Galvanized Fittings, Add* | *686.93* | |
| 23 21 13 23-1499 | EA | 24", Steel, Grooved 11-1/4 Degree Elbow | 4,157.73 | 207.87 |
| | | *For Galvanized Fittings, Add* | *923.08* | |

### 23 21 13 23-1500 90 Degree Grooved Long Radius Elbows *(23 21 13 23-1425)*

Note: Victaulic No. 100

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1501 | EA | 2", Ductile Iron, Grooved 90 Degree Long Radius Elbow | 178.52 | 23.31 |
| | | *For Galvanized Fittings, Add* | *34.46* | |
| 23 21 13 23-1502 | EA | 2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow | 459.14 | 28.44 |
| | | *For Galvanized Fittings, Add* | *99.98* | |
| 23 21 13 23-1503 | EA | 3", Ductile Iron, Grooved 90 Degree Long Radius Elbow | 195.17 | 34.43 |
| | | *For Galvanized Fittings, Add* | *34.46* | |
| 23 21 13 23-1504 | EA | 4", Ductile Iron, Grooved 90 Degree Long Radius Elbow | 283.17 | 45.44 |
| | | *For Galvanized Fittings, Add* | *51.61* | |
| 23 21 13 23-1505 | EA | 5", Ductile Iron, Grooved 90 Degree Long Radius Elbow | 1,187.44 | 56.77 |
| | | *For Galvanized Fittings, Add* | *264.55* | |
| 23 21 13 23-1506 | EA | 6", Ductile Iron, Grooved 90 Degree Long Radius Elbow | 740.51 | 74.31 |
| | | *For Galvanized Fittings, Add* | *150.99* | |
| 23 21 13 23-1507 | EA | 8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow | 1,641.68 | 88.43 |
| | | *For Galvanized Fittings, Add* | *362.18* | |
| 23 21 13 23-1508 | EA | 10", Ductile Iron, Grooved 90 Degree Long Radius Elbow | 3,283.65 | 103.18 |
| | | *For Galvanized Fittings, Add* | *750.95* | |
| 23 21 13 23-1509 | EA | 12", Ductile Iron, Grooved 90 Degree Long Radius Elbow | 3,916.92 | 123.82 |
| | | *For Galvanized Fittings, Add* | *895.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1510 | | Grooved Tees, Wyes And Crosses *(23 21 13 23-1424)* | | |
| 23 21 13 23-1511 | | Grooved Tees *(23 21 13 23-1510)* | | |
| | | Note: Victaulic No. 20 | | |
| 23 21 13 23-1512 | EA | 3/4", Ductile Iron, Grooved Tee | 118.95 | 15.29 |
| | | *For Galvanized Fittings, Add* | *28.79* | |
| 23 21 13 23-1513 | EA | 1", Ductile Iron, Grooved Tee | 122.43 | 17.64 |
| | | *For Galvanized Fittings, Add* | *28.79* | |
| 23 21 13 23-1514 | EA | 1-1/4", Ductile Iron, Grooved Tee | 128.32 | 21.60 |
| | | *For Galvanized Fittings, Add* | *28.79* | |
| 23 21 13 23-1515 | EA | 1-1/2", Ductile Iron, Grooved Tee | 135.67 | 26.51 |
| | | *For Galvanized Fittings, Add* | *28.79* | |
| 23 21 13 23-1516 | EA | 2", Ductile Iron, Grooved Tee | 147.35 | 34.32 |
| | | *For Galvanized Fittings, Add* | *28.79* | |
| 23 21 13 23-1517 | EA | 2-1/2", Ductile Iron, Grooved Tee | 159.02 | 42.03 |
| | | *For Galvanized Fittings, Add* | *28.79* | |
| 23 21 13 23-1518 | EA | 3", Ductile Iron, Grooved Tee | 211.81 | 51.65 |
| | | *For Galvanized Fittings, Add* | *40.33* | |
| 23 21 13 23-1519 | EA | 4", Ductile Iron, Grooved Tee | 306.34 | 66.83 |
| | | *For Galvanized Fittings, Add* | *61.86* | |
| 23 21 13 23-1520 | EA | 5", Ductile Iron, Grooved Tee | 614.74 | 87.36 |
| | | *For Galvanized Fittings, Add* | *145.13* | |
| 23 21 13 23-1521 | EA | 6", Ductile Iron, Grooved Tee | 722.90 | 109.28 |
| | | *For Galvanized Fittings, Add* | *167.73* | |
| 23 21 13 23-1522 | EA | 8", Ductile Iron, Grooved Tee | 1,420.17 | 132.70 |
| | | *For Galvanized Fittings, Add* | *366.38* | |
| 23 21 13 23-1523 | EA | 10", Ductile Iron, Grooved Tee | 2,412.91 | 154.72 |
| | | *For Galvanized Fittings, Add* | *654.26* | |
| 23 21 13 23-1524 | EA | 12", Ductile Iron, Grooved Tee | 3,331.66 | 185.73 |
| | | *For Galvanized Fittings, Add* | *915.96* | |
| 23 21 13 23-1525 | EA | 14", Steel, Grooved Tee | 3,640.17 | 206.37 |
| | | *For Galvanized Fittings, Add* | *999.23* | |
| 23 21 13 23-1526 | EA | 16", Steel, Grooved Tee | 4,553.92 | 207.54 |
| | | *For Galvanized Fittings, Add* | *1,272.83* | |
| 23 21 13 23-1527 | EA | 18", Steel, Grooved Tee | 5,656.58 | 228.93 |
| | | *For Galvanized Fittings, Add* | *1,594.01* | |
| 23 21 13 23-1528 | EA | 20", Steel, Grooved Tee | 7,961.80 | 232.57 |
| | | *For Galvanized Fittings, Add* | *2,283.96* | |
| 23 21 13 23-1529 | EA | 24", Steel, Grooved Tee | 12,125.76 | 285.71 |
| | | *For Galvanized Fittings, Add* | *3,509.21* | |
| 23 21 13 23-1530 | | Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1510)* | | |
| | | Note: Victaulic No. 33 | | |
| 23 21 13 23-1531 | EA | 1", Steel, Grooved Wye | 431.34 | 17.64 |
| | | *For Galvanized Fittings, Add* | *64.78* | |
| 23 21 13 23-1532 | EA | 1-1/4", Steel, Grooved Wye | 437.23 | 21.60 |
| | | *For Galvanized Fittings, Add* | *64.78* | |
| 23 21 13 23-1533 | EA | 1-1/2", Steel, Grooved Wye | 444.58 | 26.51 |
| | | *For Galvanized Fittings, Add* | *64.78* | |
| 23 21 13 23-1534 | EA | 2", Steel, Grooved Wye | 456.26 | 34.32 |
| | | *For Galvanized Fittings, Add* | *64.78* | |
| 23 21 13 23-1535 | EA | 2-1/2", Steel, Grooved Wye | 467.93 | 42.03 |
| | | *For Galvanized Fittings, Add* | *64.78* | |
| 23 21 13 23-1536 | EA | 3", Steel, Grooved Wye | 561.36 | 51.65 |
| | | *For Galvanized Fittings, Add* | *77.44* | |
| 23 21 13 23-1537 | EA | 4", Steel, Grooved Wye | 734.05 | 66.83 |
| | | *For Galvanized Fittings, Add* | *101.42* | |
| 23 21 13 23-1538 | EA | 5", Steel, Grooved Wye | 1,039.60 | 87.36 |
| | | *For Galvanized Fittings, Add* | *145.38* | |
| 23 21 13 23-1539 | EA | 6", Steel, Grooved Wye | 1,288.02 | 109.28 |
| | | *For Galvanized Fittings, Add* | *179.88* | |
| 23 21 13 23-1540 | EA | 8", Steel, Grooved Wye | 1,818.07 | 132.70 |
| | | *For Galvanized Fittings, Add* | *259.07* | |
| 23 21 13 23-1541 | EA | 10", Steel, Grooved Wye | 3,026.72 | 154.72 |
| | | *For Galvanized Fittings, Add* | *447.15* | |
| 23 21 13 23-1542 | EA | 12", Steel, Grooved Wye | 3,365.92 | 185.73 |
| | | *For Galvanized Fittings, Add* | *494.00* | |
| 23 21 13 23-1543 | EA | 14", Steel, Grooved Wye | 3,834.94 | 206.37 |
| | | *For Galvanized Fittings, Add* | *564.09* | |
| 23 21 13 23-1544 | EA | 16", Steel, Grooved Wye | 4,890.07 | 207.33 |
| | | *For Galvanized Fittings, Add* | *732.68* | |
| 23 21 13 23-1545 | EA | 18", Steel, Grooved Wye | 5,581.68 | 229.14 |
| | | *For Galvanized Fittings, Add* | *838.09* | |
| 23 21 13 23-1546 | EA | 20", Steel, Grooved Wye | 7,945.08 | 232.13 |
| | | *For Galvanized Fittings, Add* | *1,215.52* | |
| 23 21 13 23-1547 | EA | 24", Steel, Grooved Wye | 12,239.64 | 285.71 |
| | | *For Galvanized Fittings, Add* | *1,889.80* | |
| 23 21 13 23-1548 | | Grooved Crosses *(23 21 13 23-1510)* | | |
| | | Note: Victaulic No. 35 | | |
| 23 21 13 23-1549 | EA | 3/4", Steel, Grooved Cross | 296.61 | 22.99 |
| | | *For Galvanized Fittings, Add* | *39.32* | |
| 23 21 13 23-1550 | EA | 1", Steel, Grooved Cross | 301.84 | 26.51 |
| | | *For Galvanized Fittings, Add* | *39.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1551 | EA | 1-1/4", Steel, Grooved Cross | 364.90 | 32.40 |
| | | *For Galvanized Fittings, Add* | *47.46* | |
| 23 21 13 23-1552 | EA | 1-1/2", Steel, Grooved Cross | 400.46 | 39.78 |
| | | *For Galvanized Fittings, Add* | *51.14* | |
| 23 21 13 23-1553 | EA | 2", Steel, Grooved Cross | 269.74 | 51.44 |
| | | *For Galvanized Fittings, Add* | *28.90* | |
| 23 21 13 23-1554 | EA | 2-1/2", Steel, Grooved Cross | 287.25 | 63.09 |
| | | *For Galvanized Fittings, Add* | *28.90* | |
| 23 21 13 23-1555 | EA | 3", Steel, Grooved Cross | 462.28 | 77.42 |
| | | *For Galvanized Fittings, Add* | *51.93* | |
| 23 21 13 23-1556 | EA | 4", Steel, Grooved Cross | 726.52 | 100.19 |
| | | *For Galvanized Fittings, Add* | *86.44* | |
| 23 21 13 23-1557 | EA | 5", Steel, Grooved Cross | 1,373.75 | 130.99 |
| | | *For Galvanized Fittings, Add* | *176.60* | |
| 23 21 13 23-1558 | EA | 6", Steel, Grooved Cross | 1,760.40 | 163.92 |
| | | *For Galvanized Fittings, Add* | *227.21* | |
| 23 21 13 23-1559 | EA | 8", Steel, Grooved Cross | 2,293.21 | 198.99 |
| | | *For Galvanized Fittings, Add* | *299.23* | |
| 23 21 13 23-1560 | EA | 10", Steel, Grooved Cross | 3,750.42 | 232.13 |
| | | *For Galvanized Fittings, Add* | *510.35* | |
| 23 21 13 23-1561 | EA | 12", Steel, Grooved Cross | 5,327.56 | 278.64 |
| | | *For Galvanized Fittings, Add* | *736.48* | |
| 23 21 13 23-1562 | EA | 14", Steel, Grooved Cross | 5,550.98 | 309.55 |
| | | *For Galvanized Fittings, Add* | *763.03* | |
| 23 21 13 23-1563 | EA | 16", Steel, Grooved Cross | 7,121.23 | 311.36 |
| | | *For Galvanized Fittings, Add* | *998.17* | |
| 23 21 13 23-1564 | EA | 18", Steel, Grooved Cross | 8,671.57 | 343.34 |
| | | *For Galvanized Fittings, Add* | *1,223.52* | |
| 23 21 13 23-1565 | EA | 20", Steel, Grooved Cross | 12,078.71 | 348.69 |
| | | *For Galvanized Fittings, Add* | *1,733.38* | |
| 23 21 13 23-1566 | EA | 24", Steel, Grooved Cross | 18,482.32 | 428.56 |
| | | *For Galvanized Fittings, Add* | *2,675.96* | |

### 23 21 13 23-1567 Grooved Reducing Tees *(23 21 13 23-1510)*

Note: Victaulic No. 25

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1568 | EA | 1", Steel, Grooved Reducing Tee | 211.62 | 17.64 |
| | | *For Galvanized Fittings, Add* | *37.03* | |
| 23 21 13 23-1569 | EA | 1-1/4", Steel, Grooved Reducing Tee | 223.32 | 21.60 |
| | | *For Galvanized Fittings, Add* | *38.19* | |
| 23 21 13 23-1570 | EA | 1-1/2", Steel, Grooved Reducing Tee | 235.43 | 26.51 |
| | | *For Galvanized Fittings, Add* | *39.14* | |
| 23 21 13 23-1571 | EA | 2", Steel, Grooved Reducing Tee | 280.53 | 34.32 |
| | | *For Galvanized Fittings, Add* | *45.83* | |
| 23 21 13 23-1572 | EA | 2-1/2", Steel, Grooved Reducing Tee | 315.78 | 42.03 |
| | | *For Galvanized Fittings, Add* | *50.54* | |
| 23 21 13 23-1573 | EA | 3", Steel, Grooved Reducing Tee | 354.00 | 51.65 |
| | | *For Galvanized Fittings, Add* | *55.32* | |
| 23 21 13 23-1574 | EA | 4", Steel, Grooved Reducing Tee | 473.20 | 66.83 |
| | | *For Galvanized Fittings, Add* | *74.61* | |
| 23 21 13 23-1575 | EA | 5", Steel, Grooved Reducing Tee | 623.56 | 87.36 |
| | | *For Galvanized Fittings, Add* | *98.52* | |
| 23 21 13 23-1576 | EA | 6", Steel, Grooved Reducing Tee | 856.74 | 109.28 |
| | | *For Galvanized Fittings, Add* | *138.59* | |
| 23 21 13 23-1577 | EA | 8", Steel, Grooved Reducing Tee | 1,342.24 | 132.70 |
| | | *For Galvanized Fittings, Add* | *228.67* | |
| 23 21 13 23-1578 | EA | 10", Steel, Grooved Reducing Tee | 1,917.58 | 154.72 |
| | | *For Galvanized Fittings, Add* | *337.11* | |
| 23 21 13 23-1579 | EA | 12", Steel, Grooved Reducing Tee | 2,764.90 | 185.73 |
| | | *For Galvanized Fittings, Add* | *497.29* | |
| 23 21 13 23-1580 | EA | 14", Steel, Grooved Reducing Tee | 3,133.46 | 206.37 |
| | | *For Galvanized Fittings, Add* | *564.81* | |
| 23 21 13 23-1581 | EA | 16", Steel, Grooved Reducing Tee | 3,979.59 | 207.54 |
| | | *For Galvanized Fittings, Add* | *733.68* | |
| 23 21 13 23-1582 | EA | 18", Steel, Grooved Reducing Tee | 4,834.19 | 228.93 |
| | | *For Galvanized Fittings, Add* | *898.21* | |
| 23 21 13 23-1583 | EA | 20", Steel, Grooved Reducing Tee | 6,771.52 | 232.46 |
| | | *For Galvanized Fittings, Add* | *1,284.60* | |
| 23 21 13 23-1584 | EA | 24", Steel, Grooved Reducing Tee | 10,774.52 | 285.71 |
| | | *For Galvanized Fittings, Add* | *2,069.23* | |

### 23 21 13 23-1585 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1510)*

Note: Victaulic No. 30

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1586 | EA | 3/4", Steel, Grooved, 45 Degree Lateral Wye | 406.41 | 15.29 |
| | | *For Galvanized Fittings, Add* | *69.02* | |
| 23 21 13 23-1587 | EA | 1", Steel, Grooved, 45 Degree Lateral Wye | 409.89 | 17.64 |
| | | *For Galvanized Fittings, Add* | *69.02* | |
| 23 21 13 23-1588 | EA | 1-1/4", Steel, Grooved, 45 Degree Lateral Wye | 415.78 | 21.60 |
| | | *For Galvanized Fittings, Add* | *69.02* | |
| 23 21 13 23-1589 | EA | 1-1/2", Steel, Grooved, 45 Degree Lateral Wye | 423.13 | 26.51 |
| | | *For Galvanized Fittings, Add* | *69.02* | |
| 23 21 13 23-1590 | EA | 2", Steel, Grooved, 45 Degree Lateral Wye | 434.81 | 34.32 |
| | | *For Galvanized Fittings, Add* | *69.02* | |
| 23 21 13 23-1591 | EA | 2-1/2", Steel, Grooved, 45 Degree Lateral Wye | 446.48 | 42.03 |
| | | *For Galvanized Fittings, Add* | *69.02* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1592 | EA | 3", Steel, Grooved, 45 Degree Lateral Wye | 408.63 | 51.65 |
| | | *For Galvanized Fittings, Add* | *59.62* | |
| 23 21 13 23-1593 | EA | 3-1/2", Steel, Grooved, 45 Degree Lateral Wye | 650.42 | 59.55 |
| | | *For Galvanized Fittings, Add* | *101.02* | |
| 23 21 13 23-1594 | EA | 4", Steel, Grooved, 45 Degree Lateral Wye | 753.40 | 66.83 |
| | | *For Galvanized Fittings, Add* | *117.59* | |
| 23 21 13 23-1595 | EA | 5", Steel, Grooved, 45 Degree Lateral Wye | 1,085.69 | 87.36 |
| | | *For Galvanized Fittings, Add* | *171.85* | |
| 23 21 13 23-1596 | EA | 6", Steel, Grooved, 45 Degree Lateral Wye | 1,701.99 | 109.28 |
| | | *For Galvanized Fittings, Add* | *276.87* | |
| 23 21 13 23-1597 | EA | 8", Steel, Grooved, 45 Degree Lateral Wye | 2,414.46 | 132.70 |
| | | *For Galvanized Fittings, Add* | *398.80* | |
| 23 21 13 23-1598 | EA | 10", Steel, Grooved, 45 Degree Lateral Wye | 3,359.26 | 154.72 |
| | | *For Galvanized Fittings, Add* | *562.90* | |
| 23 21 13 23-1599 | EA | 12", Steel, Grooved, 45 Degree Lateral Wye | 4,059.41 | 185.73 |
| | | *For Galvanized Fittings, Add* | *680.57* | |
| 23 21 13 23-1600 | EA | 14", Steel, Grooved, 45 Degree Lateral Wye | 5,827.94 | 206.37 |
| | | *For Galvanized Fittings, Add* | *993.34* | |
| 23 21 13 23-1601 | EA | 16", Steel, Grooved, 45 Degree Lateral Wye | 7,205.34 | 207.54 |
| | | *For Galvanized Fittings, Add* | *1,240.95* | |
| 23 21 13 23-1602 | EA | 18", Steel, Grooved, 45 Degree Lateral Wye | 8,049.97 | 228.93 |
| | | *For Galvanized Fittings, Add* | *1,387.23* | |
| 23 21 13 23-1603 | EA | 20", Steel, Grooved, 45 Degree Lateral Wye | 12,038.48 | 232.46 |
| | | *For Galvanized Fittings, Add* | *2,104.19* | |
| 23 21 13 23-1604 | EA | 24", Steel, Grooved, 45 Degree Lateral Wye | 18,593.73 | 285.71 |
| | | *For Galvanized Fittings, Add* | *3,269.76* | |

## 23 21 13 23-1605 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1510)*

Note: Victaulic No. 30R

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1606 | EA | 3", Steel, Grooved 45 Degree Lateral Reducing Wye | 408.63 | 51.65 |
| | | *For Galvanized Fittings, Add* | *43.06* | |
| 23 21 13 23-1607 | EA | 4", Steel, Grooved 45 Degree Lateral Reducing Wye | 753.40 | 66.83 |
| | | *For Galvanized Fittings, Add* | *84.92* | |
| 23 21 13 23-1608 | EA | 5", Steel, Grooved 45 Degree Lateral Reducing Wye | 1,085.69 | 87.36 |
| | | *For Galvanized Fittings, Add* | *124.11* | |
| 23 21 13 23-1609 | EA | 6", Steel, Grooved 45 Degree Lateral Reducing Wye | 1,397.28 | 109.28 |
| | | *For Galvanized Fittings, Add* | *160.35* | |
| 23 21 13 23-1610 | EA | 8", Steel, Grooved 45 Degree Lateral Reducing Wye | 1,979.53 | 132.70 |
| | | *For Galvanized Fittings, Add* | *231.48* | |
| 23 21 13 23-1611 | EA | 10", Steel, Grooved 45 Degree Lateral Reducing Wye | 2,412.82 | 154.72 |
| | | *For Galvanized Fittings, Add* | *283.50* | |
| 23 21 13 23-1612 | EA | 12", Steel, Grooved 45 Degree Lateral Reducing Wye | 2,928.64 | 185.73 |
| | | *For Galvanized Fittings, Add* | *344.52* | |
| 23 21 13 23-1613 | EA | 14", Steel, Grooved 45 Degree Lateral Reducing Wye | 3,278.27 | 206.37 |
| | | *For Galvanized Fittings, Add* | *385.95* | |
| 23 21 13 23-1614 | EA | 16", Steel, Grooved 45 Degree Lateral Reducing Wye | 4,148.73 | 207.54 |
| | | *For Galvanized Fittings, Add* | *498.88* | |
| 23 21 13 23-1615 | EA | 18", Steel, Grooved 45 Degree Lateral Reducing Wye | 6,235.69 | 228.93 |
| | | *For Galvanized Fittings, Add* | *766.03* | |
| 23 21 13 23-1616 | EA | 20", Steel, Grooved 45 Degree Lateral Reducing Wye | 8,973.66 | 232.46 |
| | | *For Galvanized Fittings, Add* | *1,121.27* | |
| 23 21 13 23-1617 | EA | 24", Steel, Grooved 45 Degree Lateral Reducing Wye | 14,392.84 | 285.71 |
| | | *For Galvanized Fittings, Add* | *1,815.38* | |

## 23 21 13 23-1618 Mechanical-T Outlet *(23 21 13 23-1510)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1619 | EA | 2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet | 140.74 | 38.49 |
| | | *For Galvanized Fittings, Add* | *15.81* | |
| 23 21 13 23-1620 | EA | 2" x 1" Mechanical-T Outlet With Threaded Branch Outlet | 140.74 | 38.49 |
| | | *For Galvanized Fittings, Add* | *15.81* | |
| 23 21 13 23-1621 | EA | 2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet | 150.70 | 38.49 |
| | | *For Galvanized Fittings, Add* | *18.28* | |
| 23 21 13 23-1622 | EA | 2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet | 150.70 | 38.49 |
| 23 21 13 23-1623 | EA | 2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet | 150.37 | 43.31 |
| 23 21 13 23-1624 | EA | 2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet | 150.37 | 43.31 |
| 23 21 13 23-1625 | EA | 2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet | 176.65 | 43.31 |
| 23 21 13 23-1626 | EA | 3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet | 169.66 | 48.12 |
| 23 21 13 23-1627 | EA | 3" x 1" Mechanical-T Outlet With Threaded Branch Outlet | 169.66 | 48.12 |
| 23 21 13 23-1628 | EA | 3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet | 190.81 | 48.12 |
| 23 21 13 23-1629 | EA | 3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet | 190.81 | 48.12 |
| 23 21 13 23-1630 | EA | 3" x 2" Mechanical-T Outlet With Threaded Branch Outlet | 205.30 | 48.12 |
| 23 21 13 23-1631 | EA | 4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet | 221.93 | 64.16 |
| 23 21 13 23-1632 | EA | 4" x 1" Mechanical-T Outlet With Threaded Branch Outlet | 221.93 | 64.16 |
| 23 21 13 23-1633 | EA | 4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet | 238.45 | 64.16 |
| 23 21 13 23-1634 | EA | 4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 243.09 | 64.16 |
| 23 21 13 23-1635 | EA | 4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 243.09 | 64.16 |
| 23 21 13 23-1636 | EA | 4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 247.72 | 64.16 |
| 23 21 13 23-1637 | EA | 4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet | 256.61 | 64.16 |
| 23 21 13 23-1638 | EA | 5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 317.39 | 88.21 |
| 23 21 13 23-1639 | EA | 5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 317.39 | 88.21 |
| 23 21 13 23-1640 | EA | 5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 325.41 | 88.21 |
| 23 21 13 23-1641 | EA | 5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet | 335.45 | 88.21 |
| 23 21 13 23-1642 | EA | 6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 368.78 | 112.27 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1643 | EA | 6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 368.78 | 112.27 |
| 23 21 13 23-1644 | EA | 6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 380.57 | 112.27 |
| 23 21 13 23-1645 | EA | 6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet | 390.52 | 112.27 |
| 23 21 13 23-1646 | EA | 6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet | 408.20 | 112.27 |
| 23 21 13 23-1647 | EA | 8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 552.50 | 148.62 |
| 23 21 13 23-1648 | EA | 8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet | 552.50 | 148.62 |
| 23 21 13 23-1649 | EA | 8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet | 566.70 | 148.62 |
| 23 21 13 23-1650 | EA | 8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet | 575.11 | 148.62 |
| 23 21 13 23-1651 | | Installation-Ready™ Grooved Fittings *(23 21 13 23-1424)* | | |
| 23 21 13 23-1652 | | Installation-Ready™ 90 Degree Grooved Elbows *(23 21 13 23-1651)* | | |
| | | Note: Victaulic No. 101 | | |
| 23 21 13 23-1653 | EA | 1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow | 231.83 | 10.59 |
| | | *For Galvanized Fittings, Add* | *71.21* | |
| | | *For Galvanized Fittings, Add* | *55.24* | |
| 23 21 13 23-1654 | EA | 1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow | 241.39 | 12.70 |
| | | *For Galvanized Fittings, Add* | *73.31* | |
| | | *For Galvanized Fittings, Add* | *56.87* | |
| 23 21 13 23-1655 | EA | 2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow | 249.38 | 16.93 |
| | | *For Galvanized Fittings, Add* | *73.83* | |
| | | *For Galvanized Fittings, Add* | *57.27* | |
| 23 21 13 23-1656 | EA | 2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow | 301.81 | 21.17 |
| | | *For Galvanized Fittings, Add* | *89.01* | |
| | | *For Galvanized Fittings, Add* | *69.05* | |
| 23 21 13 23-1657 | | Installation-Ready™ 45 Degree Grooved Elbows *(23 21 13 23-1651)* | | |
| | | Note: Victaulic No. 103 | | |
| 23 21 13 23-1658 | EA | 1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow | 231.83 | 10.59 |
| | | *For Galvanized Fittings, Add* | *51.79* | |
| | | *For Galvanized Fittings, Add* | *55.24* | |
| 23 21 13 23-1659 | EA | 1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow | 241.39 | 12.70 |
| | | *For Galvanized Fittings, Add* | *53.31* | |
| | | *For Galvanized Fittings, Add* | *56.87* | |
| 23 21 13 23-1660 | EA | 2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow | 249.38 | 16.93 |
| | | *For Galvanized Fittings, Add* | *53.69* | |
| | | *For Galvanized Fittings, Add* | *57.27* | |
| 23 21 13 23-1661 | EA | 2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow | 301.81 | 21.17 |
| | | *For Galvanized Fittings, Add* | *64.74* | |
| | | *For Galvanized Fittings, Add* | *69.05* | |
| 23 21 13 23-1662 | | Installation-Ready™ Grooved Tees *(23 21 13 23-1651)* | | |
| | | Note: Victaulic No. 102 | | |
| 23 21 13 23-1663 | EA | 1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee | 354.60 | 14.11 |
| | | *For Galvanized Fittings, Add* | *99.96* | |
| | | *For Galvanized Fittings, Add* | *85.30* | |
| 23 21 13 23-1664 | EA | 1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee | 369.97 | 16.93 |
| | | *For Galvanized Fittings, Add* | *103.29* | |
| | | *For Galvanized Fittings, Add* | *88.14* | |
| 23 21 13 23-1665 | EA | 2" Ductile Iron, Grooved, Installation-Ready™ Tee | 383.29 | 22.58 |
| | | *For Galvanized Fittings, Add* | *104.72* | |
| | | *For Galvanized Fittings, Add* | *89.36* | |
| 23 21 13 23-1666 | EA | 2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee | 445.79 | 28.23 |
| | | *For Galvanized Fittings, Add* | *120.91* | |
| | | *For Galvanized Fittings, Add* | *103.17* | |
| 23 21 13 23-1667 | | Grooved Fittings *(23 21 13 23-1424)* | | |
| 23 21 13 23-1668 | | Flanged Adapter Nipple, Grooved *(23 21 13 23-1667)* | | |
| | | Note: Victaulic No. 41 and 45 | | |
| 23 21 13 23-1669 | EA | 1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 289.08 | 12.83 |
| | | *For Galvanized Fittings, Add* | *48.57* | |
| | | *For 300 LB Rating, Add* | *40.47* | |
| 23 21 13 23-1670 | EA | 1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 291.22 | 14.22 |
| | | *For Galvanized Fittings, Add* | *48.57* | |
| | | *For 300 LB Rating, Add* | *40.47* | |
| 23 21 13 23-1671 | EA | 1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 296.57 | 17.86 |
| | | *For Galvanized Fittings, Add* | *48.57* | |
| | | *For 300 LB Rating, Add* | *40.47* | |
| 23 21 13 23-1672 | EA | 2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 307.81 | 25.34 |
| | | *For Galvanized Fittings, Add* | *48.57* | |
| | | *For 300 LB Rating, Add* | *40.47* | |
| 23 21 13 23-1673 | EA | 2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 315.85 | 30.68 |
| | | *For Galvanized Fittings, Add* | *48.57* | |
| | | *For 300 LB Rating, Add* | *40.47* | |
| 23 21 13 23-1674 | EA | 3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 400.19 | 36.68 |
| | | *For Galvanized Fittings, Add* | *62.15* | |
| | | *For 300 LB Rating, Add* | *51.79* | |
| 23 21 13 23-1675 | EA | 4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 485.80 | 49.40 |
| | | *For Galvanized Fittings, Add* | *74.12* | |
| | | *For 300 LB Rating, Add* | *61.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1676 | EA | 5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 678.00 | 59.78 |
| | | *For Galvanized Fittings, Add* | *105.91* | |
| | | *For 300 LB Rating, Add* | *88.26* | |
| 23 21 13 23-1677 | EA | 6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 792.38 | 80.73 |
| | | *For Galvanized Fittings, Add* | *120.84* | |
| | | *For 300 LB Rating, Add* | *100.70* | |
| 23 21 13 23-1678 | EA | 8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 1,090.45 | 109.28 |
| | | *For Galvanized Fittings, Add* | *166.80* | |
| | | *For 300 LB Rating, Add* | *139.00* | |
| 23 21 13 23-1679 | EA | 10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 1,711.04 | 132.70 |
| | | *For Galvanized Fittings, Add* | *272.19* | |
| | | *For 300 LB Rating, Add* | *226.82* | |
| 23 21 13 23-1680 | EA | 12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 2,299.62 | 154.72 |
| | | *For Galvanized Fittings, Add* | *372.16* | |
| | | *For 300 LB Rating, Add* | *310.14* | |
| 23 21 13 23-1681 | EA | 14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 2,716.69 | 185.73 |
| | | *For Galvanized Fittings, Add* | *438.88* | |
| | | *For 300 LB Rating, Add* | *365.74* | |
| 23 21 13 23-1682 | EA | 16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 4,064.33 | 206.37 |
| | | *For Galvanized Fittings, Add* | *675.89* | |
| | | *For 300 LB Rating, Add* | *563.24* | |
| 23 21 13 23-1683 | EA | 18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 4,874.57 | 309.55 |
| | | *For Galvanized Fittings, Add* | *793.89* | |
| | | *For 300 LB Rating, Add* | *661.57* | |
| 23 21 13 23-1684 | EA | 20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 5,154.05 | 371.46 |
| | | *For Galvanized Fittings, Add* | *827.49* | |
| | | *For 300 LB Rating, Add* | *689.57* | |
| 23 21 13 23-1685 | EA | 24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 8,549.43 | 412.73 |
| | | *For Galvanized Fittings, Add* | *1,427.52* | |
| | | *For 300 LB Rating, Add* | *1,189.60* | |

## 23 21 13 23-1686 Grooved Concentric Reducers *(23 21 13 23-1667)*

Note: Victaulic No. 50

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-1687 | EA | 1-1/4" x 3/4", Grooved Concentric Reducer | 307.05 | 12.83 |
| | | *For Galvanized Fittings, Add* | *12.66* | |
| 23 21 13 23-1688 | EA | 1-1/4" x 1", Grooved Concentric Reducer | 321.10 | 13.58 |
| | | *For Galvanized Fittings, Add* | *13.23* | |
| 23 21 13 23-1689 | EA | 1-1/2" x 3/4", Grooved Concentric Reducer | 361.62 | 14.65 |
| | | *For Galvanized Fittings, Add* | *40.83* | |
| 23 21 13 23-1690 | EA | 1-1/2" x 1", Grooved Concentric Reducer | 95.73 | 15.29 |
| | | *For Galvanized Fittings, Add* | *8.74* | |
| 23 21 13 23-1691 | EA | 1-1/2" x 1-1/4", Grooved Concentric Reducer | 305.62 | 16.04 |
| | | *For Galvanized Fittings, Add* | *33.84* | |
| 23 21 13 23-1692 | EA | 2" x 3/4", Grooved Concentric Reducer | 98.94 | 17.43 |
| | | *For Galvanized Fittings, Add* | *8.74* | |
| 23 21 13 23-1693 | EA | 2" x 1", Grooved Concentric Reducer | 100.01 | 18.17 |
| | | *For Galvanized Fittings, Add* | *8.74* | |
| 23 21 13 23-1694 | EA | 2" x 1-1/4", Grooved Concentric Reducer | 108.39 | 18.93 |
| | | *For Galvanized Fittings, Add* | *9.62* | |
| 23 21 13 23-1695 | EA | 2" x 1-1/2", Grooved Concentric Reducer | 104.34 | 21.06 |
| | | *For Galvanized Fittings, Add* | *8.74* | |
| 23 21 13 23-1696 | EA | 2-1/2" x 3/4", Grooved Concentric Reducer | 621.54 | 19.67 |
| | | *For Galvanized Fittings, Add* | *71.16* | |
| 23 21 13 23-1697 | EA | 2-1/2" x 1", Grooved Concentric Reducer | 494.98 | 20.42 |
| | | *For Galvanized Fittings, Add* | *55.82* | |
| 23 21 13 23-1698 | EA | 2-1/2" x 1-1/4", Grooved Concentric Reducer | 452.02 | 21.06 |
| | | *For Galvanized Fittings, Add* | *50.53* | |
| 23 21 13 23-1699 | EA | 2-1/2" x 1-1/2", Grooved Concentric Reducer | 107.48 | 23.20 |
| | | *For Galvanized Fittings, Add* | *8.74* | |
| 23 21 13 23-1700 | EA | 2-1/2" x 2", Grooved Concentric Reducer | 111.76 | 25.98 |
| | | *For Galvanized Fittings, Add* | *8.74* | |
| 23 21 13 23-1701 | EA | 3" x 3/4", Grooved Concentric Reducer | 630.15 | 22.89 |
| | | *For Galvanized Fittings, Add* | *90.58* | |
| 23 21 13 23-1702 | EA | 3" x 1", Grooved Concentric Reducer | 115.58 | 23.52 |
| | | *For Galvanized Fittings, Add* | *12.21* | |
| 23 21 13 23-1703 | EA | 3" x 1-1/4", Grooved Concentric Reducer | 497.86 | 24.27 |
| | | *For Galvanized Fittings, Add* | *70.15* | |
| 23 21 13 23-1704 | EA | 3" x 1-1/2", Grooved Concentric Reducer | 467.89 | 25.98 |
| | | *For Galvanized Fittings, Add* | *65.19* | |
| 23 21 13 23-1705 | EA | 3" x 2", Grooved Concentric Reducer | 107.12 | 28.87 |
| | | *For Galvanized Fittings, Add* | *9.70* | |
| 23 21 13 23-1706 | EA | 3" x 2-1/2", Grooved Concentric Reducer | 139.53 | 34.43 |
| | | *For Galvanized Fittings, Add* | *13.37* | |
| 23 21 13 23-1707 | EA | 3-1/2" x 3", Grooved Concentric Reducer | 149.29 | 37.10 |
| | | *For Galvanized Fittings, Add* | *14.24* | |
| 23 21 13 23-1708 | EA | 4" x 1", Grooved Concentric Reducer | 140.42 | 29.19 |
| | | *For Galvanized Fittings, Add* | *16.56* | |
| 23 21 13 23-1709 | EA | 4" x 1-1/4", Grooved Concentric Reducer | 808.39 | 29.94 |
| | | *For Galvanized Fittings, Add* | *130.94* | |
| 23 21 13 23-1710 | EA | 4" x 1-1/2", Grooved Concentric Reducer | 631.27 | 31.75 |
| | | *For Galvanized Fittings, Add* | *100.10* | |
| 23 21 13 23-1711 | EA | 4" x 2", Grooved Concentric Reducer | 136.82 | 34.64 |
| | | *For Galvanized Fittings, Add* | *14.57* | |
| 23 21 13 23-1712 | EA | 4" x 2-1/2", Grooved Concentric Reducer | 162.08 | 37.10 |
| | | *For Galvanized Fittings, Add* | *18.26* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1713 | EA | 4" x 3", Grooved Concentric Reducer | 166.35 | 39.99 |
| | | *For Galvanized Fittings, Add* | *18.26* | |
| 23 21 13 23-1714 | EA | 4" x 3-1/2", Grooved Concentric Reducer | 170.64 | 42.77 |
| | | *For Galvanized Fittings, Add* | *18.26* | |
| 23 21 13 23-1715 | EA | 5" x 2", Grooved Concentric Reducer | 1,134.86 | 40.31 |
| | | *For Galvanized Fittings, Add* | *184.27* | |
| 23 21 13 23-1716 | EA | 5" x 2-1/2", Grooved Concentric Reducer | 897.80 | 42.77 |
| | | *For Galvanized Fittings, Add* | *142.97* | |
| 23 21 13 23-1717 | EA | 5" x 3", Grooved Concentric Reducer | 193.08 | 45.65 |
| | | *For Galvanized Fittings, Add* | *21.38* | |
| 23 21 13 23-1718 | EA | 5" x 4", Grooved Concentric Reducer | 225.84 | 51.32 |
| | | *For Galvanized Fittings, Add* | *25.53* | |
| 23 21 13 23-1719 | EA | 6" x 1", Grooved Concentric Reducer | 263.19 | 43.52 |
| | | *For Galvanized Fittings, Add* | *36.94* | |
| 23 21 13 23-1720 | EA | 6" x 1-1/2", Grooved Concentric Reducer | 1,198.65 | 45.98 |
| | | *For Galvanized Fittings, Add* | *210.80* | |
| 23 21 13 23-1721 | EA | 6" x 2", Grooved Concentric Reducer | 271.19 | 48.87 |
| | | *For Galvanized Fittings, Add* | *36.94* | |
| 23 21 13 23-1722 | EA | 6" x 2-1/2", Grooved Concentric Reducer | 1,213.12 | 51.32 |
| | | *For Galvanized Fittings, Add* | *212.00* | |
| 23 21 13 23-1723 | EA | 6" x 3", Grooved Concentric Reducer | 279.23 | 54.22 |
| | | *For Galvanized Fittings, Add* | *36.94* | |
| 23 21 13 23-1724 | EA | 6" x 4", Grooved Concentric Reducer | 262.22 | 59.88 |
| | | *For Galvanized Fittings, Add* | *32.17* | |
| 23 21 13 23-1725 | EA | 6" x 5", Grooved Concentric Reducer | 353.43 | 65.65 |
| | | *For Galvanized Fittings, Add* | *47.59* | |
| 23 21 13 23-1726 | EA | 8" x 3", Grooved Concentric Reducer | 445.68 | 61.38 |
| | | *For Galvanized Fittings, Add* | *66.01* | |
| 23 21 13 23-1727 | EA | 8" x 4", Grooved Concentric Reducer | 454.22 | 67.04 |
| | | *For Galvanized Fittings, Add* | *66.01* | |
| 23 21 13 23-1728 | EA | 8" x 5", Grooved Concentric Reducer | 462.80 | 72.71 |
| | | *For Galvanized Fittings, Add* | *66.01* | |
| 23 21 13 23-1729 | EA | 8" x 6", Grooved Concentric Reducer | 572.96 | 81.26 |
| | | *For Galvanized Fittings, Add* | *84.17* | |
| 23 21 13 23-1730 | EA | 10" x 4", Grooved Concentric Reducer | 953.94 | 74.52 |
| | | *For Galvanized Fittings, Add* | *157.15* | |
| 23 21 13 23-1731 | EA | 10" x 5", Grooved Concentric Reducer | 1,976.76 | 80.20 |
| | | *For Galvanized Fittings, Add* | *346.42* | |
| 23 21 13 23-1732 | EA | 10" x 6", Grooved Concentric Reducer | 1,054.10 | 88.75 |
| | | *For Galvanized Fittings, Add* | *171.85* | |
| 23 21 13 23-1733 | EA | 10" x 8", Grooved Concentric Reducer | 1,064.77 | 95.91 |
| | | *For Galvanized Fittings, Add* | *171.85* | |
| 23 21 13 23-1734 | EA | 12" x 4", Grooved Concentric Reducer | 2,915.14 | 84.90 |
| | | *For Galvanized Fittings, Add* | *418.19* | |
| 23 21 13 23-1735 | EA | 12" x 6", Grooved Concentric Reducer | 1,247.05 | 99.12 |
| | | *For Galvanized Fittings, Add* | *164.77* | |
| 23 21 13 23-1736 | EA | 12" x 8", Grooved Concentric Reducer | 1,809.35 | 106.29 |
| | | *For Galvanized Fittings, Add* | *247.51* | |
| 23 21 13 23-1737 | EA | 12" x 10", Grooved Concentric Reducer | 1,820.64 | 113.77 |
| | | *For Galvanized Fittings, Add* | *247.51* | |
| 23 21 13 23-1738 | EA | 14" x 6", Grooved Concentric Reducer | 5,758.76 | 106.82 |
| | | *For Galvanized Fittings, Add* | *171.88* | |
| 23 21 13 23-1739 | EA | 14" x 8", Grooved Concentric Reducer | 3,457.08 | 113.98 |
| | | *For Galvanized Fittings, Add* | *100.89* | |
| 23 21 13 23-1740 | EA | 14" x 10", Grooved Concentric Reducer | 2,956.74 | 121.47 |
| | | *For Galvanized Fittings, Add* | *85.18* | |
| 23 21 13 23-1741 | EA | 14" x 12", Grooved Concentric Reducer | 2,972.22 | 131.73 |
| | | *For Galvanized Fittings, Add* | *85.18* | |
| 23 21 13 23-1742 | EA | 16" x 8", Grooved Concentric Reducer | 5,245.50 | 121.58 |
| | | *For Galvanized Fittings, Add* | *155.44* | |
| 23 21 13 23-1743 | EA | 16" x 10", Grooved Concentric Reducer | 4,874.74 | 129.06 |
| | | *For Galvanized Fittings, Add* | *143.71* | |
| 23 21 13 23-1744 | EA | 16" x 12", Grooved Concentric Reducer | 4,515.80 | 139.43 |
| | | *For Galvanized Fittings, Add* | *132.22* | |
| 23 21 13 23-1745 | EA | 16" x 14", Grooved Concentric Reducer | 4,527.35 | 147.13 |
| | | *For Galvanized Fittings, Add* | *132.22* | |
| 23 21 13 23-1746 | EA | 18" x 10", Grooved Concentric Reducer | 6,814.40 | 136.22 |
| | | *For Galvanized Fittings, Add* | *202.93* | |
| 23 21 13 23-1747 | EA | 18" x 12", Grooved Concentric Reducer | 6,179.76 | 146.49 |
| | | *For Galvanized Fittings, Add* | *182.98* | |
| 23 21 13 23-1748 | EA | 18" x 14", Grooved Concentric Reducer | 5,626.89 | 154.19 |
| | | *For Galvanized Fittings, Add* | *165.65* | |
| 23 21 13 23-1749 | EA | 18" x 16", Grooved Concentric Reducer | 5,638.44 | 161.99 |
| | | *For Galvanized Fittings, Add* | *165.65* | |
| 23 21 13 23-1750 | EA | 20" x 10", Grooved Concentric Reducer | 7,496.10 | 139.75 |
| | | *For Galvanized Fittings, Add* | *223.70* | |
| 23 21 13 23-1751 | EA | 20" x 12", Grooved Concentric Reducer | 6,437.37 | 150.13 |
| | | *For Galvanized Fittings, Add* | *190.72* | |
| 23 21 13 23-1752 | EA | 20" x 14", Grooved Concentric Reducer | 6,448.92 | 157.82 |
| | | *For Galvanized Fittings, Add* | *190.72* | |
| 23 21 13 23-1753 | EA | 20" x 16", Grooved Concentric Reducer | 5,759.41 | 165.42 |
| | | *For Galvanized Fittings, Add* | *169.20* | |
| 23 21 13 23-1754 | EA | 20" x 18", Grooved Concentric Reducer | 6,136.05 | 172.58 |
| | | *For Galvanized Fittings, Add* | *180.43* | |
| 23 21 13 23-1755 | EA | 24" x 10", Grooved Concentric Reducer | 16,470.24 | 155.46 |
| | | *For Galvanized Fittings, Add* | *498.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1756 | EA | 24" x 12", Grooved Concentric Reducer | 16,093.70 | 165.84 |
| | | *For Galvanized Fittings, Add* | *486.44* | |
| 23 21 13 23-1757 | EA | 24" x 14", Grooved Concentric Reducer | 14,036.13 | 173.44 |
| | | *For Galvanized Fittings, Add* | *422.93* | |
| 23 21 13 23-1758 | EA | 24" x 16", Grooved Concentric Reducer | 14,047.76 | 181.24 |
| | | *For Galvanized Fittings, Add* | *422.93* | |
| 23 21 13 23-1759 | EA | 24" x 18", Grooved Concentric Reducer | 12,040.95 | 188.29 |
| | | *For Galvanized Fittings, Add* | *360.99* | |
| 23 21 13 23-1760 | EA | 24" x 20", Grooved Concentric Reducer | 11,004.84 | 191.93 |
| | | *For Galvanized Fittings, Add* | *329.01* | |
| 23 21 13 23-1761 | | **Grooved Eccentric Reducers** *(23 21 13 23-1667)* | | |
| | | Note: Victaulic No. 51 | | |
| 23 21 13 23-1762 | EA | 1-1/2" x 3/4", Grooved Eccentric Reducer | 373.34 | 14.65 |
| | | *For Galvanized Fittings, Add* | *42.24* | |
| 23 21 13 23-1763 | EA | 1-1/2" x 1", Grooved Eccentric Reducer | 340.20 | 15.29 |
| | | *For Galvanized Fittings, Add* | *38.13* | |
| 23 21 13 23-1764 | EA | 1-1/2" x 1-1/4", Grooved Eccentric Reducer | 334.35 | 16.04 |
| | | *For Galvanized Fittings, Add* | *37.30* | |
| 23 21 13 23-1765 | EA | 2" x 3/4", Grooved Eccentric Reducer | 709.05 | 17.43 |
| | | *For Galvanized Fittings, Add* | *82.08* | |
| 23 21 13 23-1766 | EA | 2" x 1", Grooved Eccentric Reducer | 377.54 | 18.17 |
| | | *For Galvanized Fittings, Add* | *42.10* | |
| 23 21 13 23-1767 | EA | 2" x 1-1/4", Grooved Eccentric Reducer | 412.34 | 18.93 |
| | | *For Galvanized Fittings, Add* | *46.16* | |
| 23 21 13 23-1768 | EA | 2" x 1-1/2", Grooved Eccentric Reducer | 353.04 | 21.06 |
| | | *For Galvanized Fittings, Add* | *38.64* | |
| 23 21 13 23-1769 | EA | 2-1/2" x 3/4", Grooved Eccentric Reducer | 920.88 | 19.67 |
| | | *For Galvanized Fittings, Add* | *107.14* | |
| 23 21 13 23-1770 | EA | 2-1/2" x 1", Grooved Eccentric Reducer | 861.00 | 20.42 |
| | | *For Galvanized Fittings, Add* | *99.82* | |
| 23 21 13 23-1771 | EA | 2-1/2" x 1-1/4", Grooved Eccentric Reducer | 513.90 | 21.06 |
| | | *For Galvanized Fittings, Add* | *57.97* | |
| 23 21 13 23-1772 | EA | 2-1/2" x 1-1/2", Grooved Eccentric Reducer | 416.91 | 23.20 |
| | | *For Galvanized Fittings, Add* | *45.94* | |
| 23 21 13 23-1773 | EA | 2-1/2" x 2", Grooved Eccentric Reducer | 192.96 | 25.98 |
| | | *For Galvanized Fittings, Add* | *18.50* | |
| 23 21 13 23-1774 | EA | 3" x 1", Grooved Eccentric Reducer | 926.04 | 23.52 |
| | | *For Galvanized Fittings, Add* | *107.07* | |
| 23 21 13 23-1775 | EA | 3" x 1-1/4", Grooved Eccentric Reducer | 842.75 | 24.27 |
| | | *For Galvanized Fittings, Add* | *96.93* | |
| 23 21 13 23-1776 | EA | 3" x 1-1/2", Grooved Eccentric Reducer | 481.06 | 25.98 |
| | | *For Galvanized Fittings, Add* | *53.13* | |
| 23 21 13 23-1777 | EA | 3" x 2", Grooved Eccentric Reducer | 220.22 | 28.87 |
| | | *For Galvanized Fittings, Add* | *21.26* | |
| 23 21 13 23-1778 | EA | 3" x 2-1/2", Grooved Eccentric Reducer | 228.51 | 34.43 |
| | | *For Galvanized Fittings, Add* | *21.26* | |
| 23 21 13 23-1779 | EA | 3-1/2" x 3", Grooved Eccentric Reducer | 1,034.33 | 37.10 |
| | | *For Galvanized Fittings, Add* | *117.64* | |
| 23 21 13 23-1780 | EA | 4" x 1", Grooved Eccentric Reducer | 1,849.47 | 29.19 |
| | | *For Galvanized Fittings, Add* | *309.67* | |
| 23 21 13 23-1781 | EA | 4" x 1-1/2", Grooved Eccentric Reducer | 1,139.62 | 31.75 |
| | | *For Galvanized Fittings, Add* | *187.28* | |
| 23 21 13 23-1782 | EA | 4" x 2", Grooved Eccentric Reducer | 268.18 | 34.64 |
| | | *For Galvanized Fittings, Add* | *37.10* | |
| 23 21 13 23-1783 | EA | 4" x 2-1/2", Grooved Eccentric Reducer | 271.92 | 37.10 |
| | | *For Galvanized Fittings, Add* | *37.10* | |
| 23 21 13 23-1784 | EA | 4" x 3", Grooved Eccentric Reducer | 276.19 | 39.99 |
| | | *For Galvanized Fittings, Add* | *37.10* | |
| 23 21 13 23-1785 | EA | 5" x 2", Grooved Eccentric Reducer | 1,264.59 | 40.31 |
| | | *For Galvanized Fittings, Add* | *206.52* | |
| 23 21 13 23-1786 | EA | 5" x 2-1/2", Grooved Eccentric Reducer | 1,090.08 | 42.77 |
| | | *For Galvanized Fittings, Add* | *175.94* | |
| 23 21 13 23-1787 | EA | 5" x 3", Grooved Eccentric Reducer | 1,059.37 | 45.65 |
| | | *For Galvanized Fittings, Add* | *169.94* | |
| 23 21 13 23-1788 | EA | 5" x 4", Grooved Eccentric Reducer | 371.62 | 51.32 |
| | | *For Galvanized Fittings, Add* | *50.53* | |
| 23 21 13 23-1789 | EA | 6" x 1", Grooved Eccentric Reducer | 1,937.16 | 43.52 |
| | | *For Galvanized Fittings, Add* | *349.30* | |
| 23 21 13 23-1790 | EA | 6" x 2", Grooved Eccentric Reducer | 1,780.36 | 48.87 |
| | | *For Galvanized Fittings, Add* | *318.55* | |
| 23 21 13 23-1791 | EA | 6" x 2-1/2", Grooved Eccentric Reducer | 2,109.79 | 51.32 |
| | | *For Galvanized Fittings, Add* | *379.32* | |
| 23 21 13 23-1792 | EA | 6" x 3", Grooved Eccentric Reducer | 473.53 | 54.22 |
| | | *For Galvanized Fittings, Add* | *73.20* | |
| 23 21 13 23-1793 | EA | 6" x 4", Grooved Eccentric Reducer | 433.18 | 59.88 |
| | | *For Galvanized Fittings, Add* | *64.07* | |
| 23 21 13 23-1794 | EA | 6" x 5", Grooved Eccentric Reducer | 510.25 | 65.65 |
| | | *For Galvanized Fittings, Add* | *76.85* | |
| 23 21 13 23-1795 | EA | 8" x 3", Grooved Eccentric Reducer | 2,075.45 | 61.38 |
| | | *For Galvanized Fittings, Add* | *370.12* | |
| 23 21 13 23-1796 | EA | 8" x 4", Grooved Eccentric Reducer | 1,833.95 | 67.04 |
| | | *For Galvanized Fittings, Add* | *323.46* | |
| 23 21 13 23-1797 | EA | 8" x 5", Grooved Eccentric Reducer | 1,722.99 | 72.71 |
| | | *For Galvanized Fittings, Add* | *301.16* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1798 | EA | 8" x 6", Grooved Eccentric Reducer | 818.10 | 81.26 |
| | | *For Galvanized Fittings, Add* | *129.91* | |
| 23 21 13 23-1799 | EA | 10" x 4", Grooved Eccentric Reducer | 3,292.70 | 74.52 |
| | | *For Galvanized Fittings, Add* | *593.56* | |
| 23 21 13 23-1800 | EA | 10" x 5", Grooved Eccentric Reducer | 3,117.22 | 80.20 |
| | | *For Galvanized Fittings, Add* | *559.23* | |
| 23 21 13 23-1801 | EA | 10" x 6", Grooved Eccentric Reducer | 2,393.09 | 88.75 |
| | | *For Galvanized Fittings, Add* | *421.71* | |
| 23 21 13 23-1802 | EA | 10" x 8", Grooved Eccentric Reducer | 2,056.56 | 95.91 |
| | | *For Galvanized Fittings, Add* | *356.92* | |
| 23 21 13 23-1803 | EA | 12" x 4", Grooved Eccentric Reducer | 3,361.70 | 84.90 |
| | | *For Galvanized Fittings, Add* | *488.08* | |
| 23 21 13 23-1804 | EA | 12" x 6", Grooved Eccentric Reducer | 3,167.71 | 99.12 |
| | | *For Galvanized Fittings, Add* | *455.59* | |
| 23 21 13 23-1805 | EA | 12" x 8", Grooved Eccentric Reducer | 3,101.16 | 106.29 |
| | | *For Galvanized Fittings, Add* | *443.93* | |
| 23 21 13 23-1806 | EA | 12" x 10", Grooved Eccentric Reducer | 2,805.61 | 113.77 |
| | | *For Galvanized Fittings, Add* | *397.62* | |
| 23 21 13 23-1807 | EA | 14" x 6", Grooved Eccentric Reducer | 7,777.91 | 106.82 |
| | | *For Galvanized Fittings, Add* | *233.86* | |
| 23 21 13 23-1808 | EA | 14" x 8", Grooved Eccentric Reducer | 5,041.12 | 113.98 |
| | | *For Galvanized Fittings, Add* | *149.52* | |
| 23 21 13 23-1809 | EA | 14" x 10", Grooved Eccentric Reducer | 4,818.20 | 121.47 |
| | | *For Galvanized Fittings, Add* | *142.33* | |
| 23 21 13 23-1810 | EA | 14" x 12", Grooved Eccentric Reducer | 4,833.68 | 131.73 |
| | | *For Galvanized Fittings, Add* | *142.33* | |
| 23 21 13 23-1811 | EA | 16" x 8", Grooved Eccentric Reducer | 8,595.18 | 121.58 |
| | | *For Galvanized Fittings, Add* | *258.27* | |
| 23 21 13 23-1812 | EA | 16" x 10", Grooved Eccentric Reducer | 7,967.66 | 129.06 |
| | | *For Galvanized Fittings, Add* | *238.66* | |
| 23 21 13 23-1813 | EA | 16" x 12", Grooved Eccentric Reducer | 7,513.87 | 139.43 |
| | | *For Galvanized Fittings, Add* | *224.26* | |
| 23 21 13 23-1814 | EA | 16" x 14", Grooved Eccentric Reducer | 7,525.42 | 147.13 |
| | | *For Galvanized Fittings, Add* | *224.26* | |
| 23 21 13 23-1815 | EA | 18" x 10", Grooved Eccentric Reducer | 10,777.75 | 136.22 |
| | | *For Galvanized Fittings, Add* | *324.61* | |
| 23 21 13 23-1816 | EA | 18" x 12", Grooved Eccentric Reducer | 10,148.20 | 146.49 |
| | | *For Galvanized Fittings, Add* | *304.81* | |
| 23 21 13 23-1817 | EA | 18" x 14", Grooved Eccentric Reducer | 9,251.79 | 154.19 |
| | | *For Galvanized Fittings, Add* | *276.93* | |
| 23 21 13 23-1818 | EA | 18" x 16", Grooved Eccentric Reducer | 9,263.34 | 161.99 |
| | | *For Galvanized Fittings, Add* | *276.93* | |
| 23 21 13 23-1819 | EA | 20" x 10", Grooved Eccentric Reducer | 14,142.90 | 139.75 |
| | | *For Galvanized Fittings, Add* | *427.76* | |
| 23 21 13 23-1820 | EA | 20" x 12", Grooved Eccentric Reducer | 10,531.40 | 150.13 |
| | | *For Galvanized Fittings, Add* | *316.41* | |
| 23 21 13 23-1821 | EA | 20" x 14", Grooved Eccentric Reducer | 9,898.64 | 157.82 |
| | | *For Galvanized Fittings, Add* | *296.63* | |
| 23 21 13 23-1822 | EA | 20" x 16", Grooved Eccentric Reducer | 9,753.70 | 165.42 |
| | | *For Galvanized Fittings, Add* | *291.83* | |
| 23 21 13 23-1823 | EA | 20" x 18", Grooved Eccentric Reducer | 9,400.31 | 172.58 |
| | | *For Galvanized Fittings, Add* | *280.64* | |
| 23 21 13 23-1824 | EA | 24" x 12", Grooved Eccentric Reducer | 20,419.04 | 165.84 |
| | | *For Galvanized Fittings, Add* | *619.23* | |
| 23 21 13 23-1825 | EA | 24" x 14", Grooved Eccentric Reducer | 17,450.97 | 173.44 |
| | | *For Galvanized Fittings, Add* | *527.76* | |
| 23 21 13 23-1826 | EA | 24" x 16", Grooved Eccentric Reducer | 17,462.60 | 181.24 |
| | | *For Galvanized Fittings, Add* | *527.76* | |
| 23 21 13 23-1827 | EA | 24" x 18", Grooved Eccentric Reducer | 16,497.36 | 188.29 |
| | | *For Galvanized Fittings, Add* | *497.80* | |
| 23 21 13 23-1828 | EA | 24" x 20", Grooved Eccentric Reducer | 15,084.85 | 191.93 |
| | | *For Galvanized Fittings, Add* | *454.27* | |
| 23 21 13 23-1829 | | **Close Nipple, Grooved** *(23 21 13 23-1667)* | | |
| | | Note: Victaulic No. 143 | | |
| 23 21 13 23-1830 | EA | 1-1/4" Ductile Iron, Grooved, Close Nipple | 56.83 | 14.11 |
| | | *For Galvanized Fittings, Add* | *6.38* | |
| | | *For 300 LB Rating, Add* | *5.32* | |
| | | *For Galvanized Fittings, Add* | *9.07* | |
| 23 21 13 23-1831 | EA | 1-1/2" Ductile Iron, Grooved, Close Nipple | 65.35 | 17.64 |
| | | *For Galvanized Fittings, Add* | *6.95* | |
| | | *For 300 LB Rating, Add* | *5.79* | |
| | | *For Galvanized Fittings, Add* | *9.88* | |
| 23 21 13 23-1832 | EA | 2" Ductile Iron, Grooved, Close Nipple | 81.83 | 23.29 |
| | | *For Galvanized Fittings, Add* | *8.38* | |
| | | *For 300 LB Rating, Add* | *6.98* | |
| | | *For Galvanized Fittings, Add* | *11.91* | |
| 23 21 13 23-1833 | EA | 2-1/2" Ductile Iron, Grooved, Close Nipple | 97.78 | 28.23 |
| | | *For Galvanized Fittings, Add* | *9.90* | |
| | | *For 300 LB Rating, Add* | *8.25* | |
| | | *For Galvanized Fittings, Add* | *14.08* | |
| 23 21 13 23-1834 | | **Grooved Couplings** *(23 21 13 23-1424)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1835 | | Flexible Grooved Coupling *(23 21 13 23-1834)*<br>Note: Victaulic Style 77 | | |
| 23 21 13 23-1836 | EA | 3/4" Grooved Standard Coupling | 49.03 | 5.77 |
| | | *For Galvanized Fittings, Add* | *11.28* | |
| 23 21 13 23-1837 | EA | 1" Grooved Standard Coupling | 49.03 | 5.77 |
| | | *For Galvanized Fittings, Add* | *11.28* | |
| 23 21 13 23-1838 | EA | 1-1/4" Grooved Standard Coupling | 64.52 | 7.27 |
| | | *For Galvanized Fittings, Add* | *15.01* | |
| 23 21 13 23-1839 | EA | 1-1/2" Grooved Standard Coupling | 71.62 | 8.66 |
| | | *For Galvanized Fittings, Add* | *16.40* | |
| 23 21 13 23-1840 | EA | 2" Grooved Standard Coupling | 79.38 | 11.66 |
| | | *For Galvanized Fittings, Add* | *17.33* | |
| 23 21 13 23-1841 | EA | 2-1/2" Grooved Standard Coupling | 95.39 | 14.22 |
| | | *For Galvanized Fittings, Add* | *20.75* | |
| 23 21 13 23-1842 | EA | 3" Grooved Standard Coupling | 99.52 | 17.00 |
| | | *For Galvanized Fittings, Add* | *20.75* | |
| 23 21 13 23-1843 | EA | 3-1/2" Grooved Standard Coupling | 149.25 | 19.89 |
| | | *For Galvanized Fittings, Add* | *33.43* | |
| 23 21 13 23-1844 | EA | 4" Grooved Standard Coupling | 153.43 | 22.67 |
| | | *For Galvanized Fittings, Add* | *33.43* | |
| 23 21 13 23-1845 | EA | 5" Grooved Standard Coupling | 225.60 | 28.44 |
| | | *For Galvanized Fittings, Add* | *51.25* | |
| 23 21 13 23-1846 | EA | 6" Grooved Standard Coupling | 272.05 | 37.10 |
| | | *For Galvanized Fittings, Add* | *60.58* | |
| 23 21 13 23-1847 | EA | 8" Grooved Standard Coupling | 418.97 | 44.26 |
| | | *For Galvanized Fittings, Add* | *98.75* | |
| 23 21 13 23-1848 | EA | 10" Grooved Standard Coupling | 665.70 | 53.04 |
| | | *For Galvanized Fittings, Add* | *164.12* | |
| 23 21 13 23-1849 | EA | 12" Grooved Standard Coupling | 754.39 | 58.06 |
| | | *For Galvanized Fittings, Add* | *186.86* | |
| 23 21 13 23-1850 | EA | 14" Grooved Standard Coupling | 926.76 | 77.42 |
| | | *For Galvanized Fittings, Add* | *227.01* | |
| 23 21 13 23-1851 | EA | 16" Grooved Standard Coupling | 1,202.67 | 92.92 |
| | | *For Galvanized Fittings, Add* | *297.76* | |
| 23 21 13 23-1852 | EA | 18" Grooved Standard Coupling | 1,400.14 | 103.18 |
| | | *For Galvanized Fittings, Add* | *348.72* | |
| 23 21 13 23-1853 | EA | 20" Grooved Standard Coupling | 2,133.31 | 116.12 |
| | | *For Galvanized Fittings, Add* | *548.60* | |
| 23 21 13 23-1854 | EA | 24" Grooved Standard Coupling | 2,362.83 | 142.85 |
| | | *For Galvanized Fittings, Add* | *601.62* | |
| 23 21 13 23-1855 | | Zero-Flex® Rigid Coupling *(23 21 13 23-1834)*<br>Note: Victaulic Style 07 | | |
| 23 21 13 23-1856 | EA | 1" Grooved Rigid Coupling | 64.78 | 5.77 |
| | | *For Galvanized Fittings, Add* | *13.73* | |
| 23 21 13 23-1857 | EA | 1-1/4" Grooved Rigid Coupling | 66.97 | 7.27 |
| | | *For Galvanized Fittings, Add* | *13.73* | |
| 23 21 13 23-1858 | EA | 1-1/2" Grooved Rigid Coupling | 69.09 | 8.66 |
| | | *For Galvanized Fittings, Add* | *13.73* | |
| 23 21 13 23-1859 | EA | 2" Grooved Rigid Coupling | 74.94 | 11.66 |
| | | *For Galvanized Fittings, Add* | *14.08* | |
| 23 21 13 23-1860 | EA | 2-1/2" Grooved Rigid Coupling | 87.55 | 14.22 |
| | | *For Galvanized Fittings, Add* | *16.23* | |
| 23 21 13 23-1861 | EA | 3" Grooved Rigid Coupling | 91.68 | 17.00 |
| | | *For Galvanized Fittings, Add* | *16.23* | |
| 23 21 13 23-1862 | EA | 3-1/2" Grooved Rigid Coupling | 107.29 | 19.89 |
| | | *For Galvanized Fittings, Add* | *18.97* | |
| 23 21 13 23-1863 | EA | 4" Grooved Rigid Coupling | 143.77 | 22.67 |
| | | *For Galvanized Fittings, Add* | *26.88* | |
| 23 21 13 23-1864 | EA | 5" Grooved Rigid Coupling | 185.07 | 28.44 |
| | | *For Galvanized Fittings, Add* | *34.91* | |
| 23 21 13 23-1865 | EA | 6" Grooved Rigid Coupling | 246.16 | 37.10 |
| | | *For Galvanized Fittings, Add* | *46.67* | |
| 23 21 13 23-1866 | EA | 8" Grooved Rigid Coupling | 366.37 | 44.26 |
| | | *For Galvanized Fittings, Add* | *73.52* | |
| 23 21 13 23-1867 | EA | 10" Grooved Rigid Coupling | 617.26 | 53.04 |
| | | *For Galvanized Fittings, Add* | *131.74* | |
| 23 21 13 23-1868 | EA | 12" Grooved Rigid Coupling | 688.72 | 58.06 |
| | | *For Galvanized Fittings, Add* | *147.42* | |
| 23 21 13 23-1869 | EA | 14" Grooved Rigid Coupling | 902.14 | 77.42 |
| | | *For Galvanized Fittings, Add* | *192.60* | |
| 23 21 13 23-1870 | EA | 16" Grooved Rigid Coupling | 1,164.51 | 92.92 |
| | | *For Galvanized Fittings, Add* | *251.19* | |
| 23 21 13 23-1871 | EA | 18" Grooved Rigid Coupling | 1,339.93 | 103.18 |
| | | *For Galvanized Fittings, Add* | *290.38* | |
| 23 21 13 23-1872 | EA | 20" Grooved Rigid Coupling | 1,585.12 | 116.12 |
| | | *For Galvanized Fittings, Add* | *345.72* | |
| 23 21 13 23-1873 | EA | 24" Grooved Rigid Coupling | 2,292.65 | 142.85 |
| | | *For Galvanized Fittings, Add* | *509.22* | |
| 23 21 13 23-1874 | | Large Diameter Grooved Coupling *(23 21 13 23-1834)*<br>Note: Victaulic Style 770 | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1875 | EA | 28" Grooved Coupling | 2,536.65 | 28.44 |
| | | *For Galvanized Fittings, Add* | *349.17* | |
| 23 21 13 23-1876 | EA | 30" Grooved Coupling | 2,927.16 | 37.10 |
| | | *For Galvanized Fittings, Add* | *402.01* | |
| 23 21 13 23-1877 | EA | 32" Grooved Coupling | 4,366.49 | 44.26 |
| | | *For Galvanized Fittings, Add* | *602.03* | |
| 23 21 13 23-1878 | EA | 36" Grooved Coupling | 5,808.48 | 53.04 |
| | | *For Galvanized Fittings, Add* | *802.05* | |
| 23 21 13 23-1879 | EA | 42" Grooved Coupling | 11,673.22 | 58.06 |
| | | *For Galvanized Fittings, Add* | *1,622.07* | |
| 23 21 13 23-1880 | | **Flexible Coupling** *(23 21 13 23-1834)* | | |
| | | Note: Victaulic Style 75 | | |
| 23 21 13 23-1881 | EA | 1-1/2" Grooved Flexible Coupling | 63.98 | 8.66 |
| | | *For Galvanized Fittings, Add* | *13.04* | |
| 23 21 13 23-1882 | EA | 2" Grooved Flexible Coupling | 69.72 | 11.66 |
| | | *For Galvanized Fittings, Add* | *13.38* | |
| 23 21 13 23-1883 | EA | 2-1/2" Grooved Flexible Coupling | 81.85 | 14.22 |
| | | *For Galvanized Fittings, Add* | *15.50* | |
| 23 21 13 23-1884 | EA | 3" Grooved Flexible Coupling | 95.84 | 17.00 |
| | | *For Galvanized Fittings, Add* | *18.03* | |
| 23 21 13 23-1885 | EA | 3-1/2" Grooved Flexible Coupling | 129.62 | 19.89 |
| | | *For Galvanized Fittings, Add* | *25.54* | |
| 23 21 13 23-1886 | EA | 4" Grooved Flexible Coupling | 133.80 | 22.67 |
| | | *For Galvanized Fittings, Add* | *25.54* | |
| 23 21 13 23-1887 | EA | 5" Grooved Flexible Coupling | 186.49 | 28.44 |
| | | *For Galvanized Fittings, Add* | *36.84* | |
| 23 21 13 23-1888 | EA | 6" Grooved Flexible Coupling | 229.06 | 37.10 |
| | | *For Galvanized Fittings, Add* | *44.38* | |
| 23 21 13 23-1889 | EA | 8" Grooved Flexible Coupling | 338.82 | 44.26 |
| | | *For Galvanized Fittings, Add* | *69.77* | |
| 23 21 13 23-1890 | | **Installation-Ready™ Coupling** *(23 21 13 23-1834)* | | |
| | | Note: Victaulic Style 009N | | |
| 23 21 13 23-1891 | EA | 1-1/4" Ductile Iron, Installation-Ready™ Coupling | 70.61 | 5.40 |
| | | *For Galvanized Fittings, Add* | *15.98* | |
| 23 21 13 23-1892 | EA | 1-1/2" Ductile Iron, Installation-Ready™ Coupling | 73.49 | 6.46 |
| | | *For Galvanized Fittings, Add* | *16.31* | |
| 23 21 13 23-1893 | EA | 2" Ductile Iron, Installation-Ready™ Coupling | 85.23 | 8.68 |
| | | *For Galvanized Fittings, Add* | *18.45* | |
| 23 21 13 23-1894 | EA | 2-1/2" Ductile Iron, Installation-Ready™ Coupling | 98.96 | 10.52 |
| | | *For Galvanized Fittings, Add* | *21.25* | |
| 23 21 13 23-1895 | EA | 3" Ductile Iron, Installation-Ready™ Coupling | 113.09 | 12.63 |
| | | *For Galvanized Fittings, Add* | *24.05* | |
| 23 21 13 23-1896 | EA | 4" Ductile Iron, Installation-Ready™ Coupling | 157.49 | 16.86 |
| | | *For Galvanized Fittings, Add* | *33.77* | |
| 23 21 13 23-1897 | EA | 5" Ductile Iron, Installation-Ready™ Coupling | 247.76 | 21.10 |
| | | *For Galvanized Fittings, Add* | *55.24* | |
| 23 21 13 23-1898 | EA | 6" Ductile Iron, Installation-Ready™ Coupling | 299.65 | 27.59 |
| | | *For Galvanized Fittings, Add* | *66.01* | |
| 23 21 13 23-1899 | EA | 8" Ductile Iron, Installation-Ready™ Coupling | 480.51 | 32.82 |
| | | *For Galvanized Fittings, Add* | *110.28* | |
| 23 21 13 23-1900 | | **Grooved Strainers And Suction Diffusers** *(23 21 13 23-1424)* | | |
| 23 21 13 23-1901 | | **Grooved Wye Strainers** *(23 21 13 23-1900)* | | |
| | | Note: Victaulic Style 732 | | |
| 23 21 13 23-1902 | EA | 2" Grooved Wye Strainer | 1,911.01 | 23.52 |
| 23 21 13 23-1903 | EA | 2-1/2" Grooved Wye Strainer | 2,013.20 | 28.55 |
| 23 21 13 23-1904 | EA | 3" Grooved Wye Strainer | 2,264.95 | 34.22 |
| 23 21 13 23-1905 | EA | 4" Grooved Wye Strainer | 2,573.47 | 45.65 |
| 23 21 13 23-1906 | EA | 5" Grooved Wye Strainer | 3,714.34 | 57.10 |
| 23 21 13 23-1907 | EA | 6" Grooved Wye Strainer | 4,051.33 | 74.20 |
| 23 21 13 23-1908 | EA | 8" Grooved Wye Strainer | 6,172.74 | 88.43 |
| 23 21 13 23-1909 | EA | 10" Grooved Wye Strainer | 9,864.50 | 103.39 |
| 23 21 13 23-1910 | EA | 12" Grooved Wye Strainer | 17,147.86 | 124.14 |
| 23 21 13 23-1911 | | **Grooved Tee Type Strainers** *(23 21 13 23-1900)* | | |
| | | Note: Victaulic Style 730 | | |
| 23 21 13 23-1912 | EA | 1-1/2" Grooved Tee Type Strainer | 1,474.20 | 17.86 |
| 23 21 13 23-1913 | EA | 2" Grooved Tee Type Strainer | 1,887.86 | 23.52 |
| 23 21 13 23-1914 | EA | 2-1/2" Grooved Tee Type Strainer | 1,989.13 | 28.55 |
| 23 21 13 23-1915 | EA | 3" Grooved Tee Type Strainer | 2,237.76 | 34.22 |
| 23 21 13 23-1916 | EA | 4" Grooved Tee Type Strainer | 2,542.65 | 45.65 |
| 23 21 13 23-1917 | EA | 5" Grooved Tee Type Strainer | 3,669.46 | 57.10 |
| 23 21 13 23-1918 | EA | 6" Grooved Tee Type Strainer | 4,002.95 | 74.20 |
| 23 21 13 23-1919 | EA | 8" Grooved Tee Type Strainer | 6,097.81 | 88.43 |
| 23 21 13 23-1920 | EA | 10" Grooved Tee Type Strainer | 8,916.25 | 103.39 |
| 23 21 13 23-1921 | EA | 12" Grooved Tee Type Strainer | 11,464.13 | 124.14 |
| 23 21 13 23-1922 | EA | 14" Grooved Tee Type Strainer | 40,410.07 | 139.75 |
| 23 21 13 23-1923 | EA | 16" Grooved Tee Type Strainer | 50,195.32 | 154.72 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1924 | EA | 18" Grooved Tee Type Strainer | 65,969.71 | 169.05 |
| 23 21 13 23-1925 | | Grooved Suction Diffuser *(23 21 13 23-1900)* | | |
| | | Note: Victaulic Style 731 | | |
| 23 21 13 23-1926 | EA | 2-1/2" Grooved x 2" Flanged Suction Diffuser | 3,886.36 | 26.41 |
| 23 21 13 23-1927 | EA | 3" Grooved x 2" Flanged Suction Diffuser | 4,126.09 | 29.19 |
| 23 21 13 23-1928 | EA | 3" Grooved x 2-1/2" Flanged Suction Diffuser | 2,986.08 | 34.22 |
| 23 21 13 23-1929 | EA | 3" Grooved x 3" Flanged Suction Diffuser | 3,029.10 | 37.10 |
| 23 21 13 23-1930 | EA | 4" Grooved x 2-1/2" Flanged Suction Diffuser | 3,280.02 | 37.10 |
| 23 21 13 23-1931 | EA | 4" Grooved x 3" Flanged Suction Diffuser | 3,538.72 | 39.99 |
| 23 21 13 23-1932 | EA | 4" Grooved x 4" Flanged Suction Diffuser | 4,089.08 | 39.99 |
| 23 21 13 23-1933 | EA | 5" Grooved x 4" Flanged Suction Diffuser | 4,567.94 | 51.32 |
| 23 21 13 23-1934 | EA | 5" Grooved x 5" Flanged Suction Diffuser | 4,800.11 | 54.22 |
| 23 21 13 23-1935 | EA | 6" Grooved x 4" Flanged Suction Diffuser | 4,878.13 | 59.88 |
| 23 21 13 23-1936 | EA | 6" Grooved x 5" Flanged Suction Diffuser | 5,826.35 | 65.65 |
| 23 21 13 23-1937 | EA | 6" Grooved x 6" Flanged Suction Diffuser | 6,052.17 | 69.93 |
| 23 21 13 23-1938 | EA | 8" Grooved x 5" Flanged Suction Diffuser | 6,210.34 | 72.71 |
| 23 21 13 23-1939 | EA | 8" Grooved x 6" Flanged Suction Diffuser | 6,555.63 | 81.26 |
| 23 21 13 23-1940 | EA | 8" Grooved x 8" Flanged Suction Diffuser | 11,204.26 | 88.43 |
| 23 21 13 23-1941 | EA | 10" Grooved x 8" Flanged Suction Diffuser | 12,636.79 | 95.59 |
| 23 21 13 23-1942 | EA | 10" Grooved x 10" Flanged Suction Diffuser | 15,202.75 | 99.12 |
| 23 21 13 23-1943 | EA | 12" Grooved x 10" Flanged Suction Diffuser | 17,990.00 | 114.09 |
| 23 21 13 23-1944 | EA | 12" Grooved x 12" Flanged Suction Diffuser | 24,967.54 | 121.26 |
| 23 21 13 23-1945 | EA | 14" Grooved x 10" Flanged Suction Diffuser | 23,249.36 | 121.26 |
| 23 21 13 23-1946 | EA | 14" Grooved x 12" Flanged Suction Diffuser | 25,965.31 | 131.94 |
| 23 21 13 23-1947 | EA | 14" Grooved x 14" Flanged Suction Diffuser | 31,500.62 | 139.75 |
| 23 21 13 23-1948 | EA | 16" Grooved x 14" Flanged Suction Diffuser | 32,430.89 | 146.91 |
| 23 21 13 23-1949 | | Grooved Steel Valves *(23 21 13 23-1424)* | | |
| 23 21 13 23-1950 | | Grooved Butterfly Valves With Standard Trim *(23 21 13 23-1949)* | | |
| 23 21 13 23-1951 | EA | 1-1/2" Butterfly Valve, Grooved, With Standard Trim | 289.68 | 11.66 |
| 23 21 13 23-1952 | EA | 2" Butterfly Valve, Grooved, With Standard Trim | 295.20 | 15.29 |
| 23 21 13 23-1953 | EA | 3" Butterfly Valve, Grooved, With Standard Trim | 484.49 | 22.67 |
| 23 21 13 23-1954 | EA | 4" Butterfly Valve, Grooved, With Standard Trim | 650.80 | 29.83 |
| 23 21 13 23-1955 | EA | 6" Butterfly Valve, Grooved, With Standard Trim | 1,421.35 | 48.87 |
| 23 21 13 23-1956 | EA | 8" Butterfly Valve, Grooved, With Standard Trim | 1,969.70 | 68.75 |
| 23 21 13 23-1957 | EA | 10" Butterfly Valve, Grooved, With Standard Trim | 2,958.53 | 92.92 |
| 23 21 13 23-1958 | | Grooved Butterfly Valves With Stainless Steel Trim *(23 21 13 23-1949)* | | |
| 23 21 13 23-1959 | EA | 1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim | 435.50 | 11.66 |
| 23 21 13 23-1960 | EA | 2" Butterfly Valve, Grooved, With Stainless Steel Trim | 441.02 | 15.29 |
| 23 21 13 23-1961 | EA | 3" Butterfly Valve, Grooved, With Stainless Steel Trim | 682.16 | 22.67 |
| 23 21 13 23-1962 | EA | 4" Butterfly Valve, Grooved, With Stainless Steel Trim | 867.92 | 29.83 |
| 23 21 13 23-1963 | EA | 6" Butterfly Valve, Grooved, With Stainless Steel Trim | 1,661.15 | 48.87 |
| 23 21 13 23-1964 | EA | 8" Butterfly Valve, Grooved, With Stainless Steel Trim | 2,760.40 | 68.75 |
| 23 21 13 23-1965 | EA | 10" Butterfly Valve, Grooved, With Stainless Steel Trim | 4,351.97 | 92.92 |
| 23 21 13 23-1966 | | Grooved Ball Valves With Standard Trim And Handle *(23 21 13 23-1949)* | | |
| | | Note: Victaulic No. 721 | | |
| 23 21 13 23-1967 | EA | 1-1/2" Ball Valve, Grooved, With Standard Trim | 244.35 | 11.44 |
| 23 21 13 23-1968 | EA | 2" Ball Valve, Grooved, With Standard Trim | 279.84 | 15.71 |
| 23 21 13 23-1969 | EA | 2-1/2" Ball Valve, Grooved, With Standard Trim | 639.48 | 19.25 |
| 23 21 13 23-1970 | EA | 3" Ball Valve, Grooved, With Standard Trim | 1,049.04 | 22.78 |
| 23 21 13 23-1971 | EA | 4" Ball Valve, Grooved, With Standard Trim | 1,633.86 | 29.94 |
| 23 21 13 23-1972 | EA | 6" Ball Valve, Grooved, With Standard Trim | 5,081.98 | 49.19 |
| 23 21 13 23-1973 | | Grooved Ball Valves With Stainless Steel Trim And Handle *(23 21 13 23-1949)* | | |
| | | Note: Victaulic No. 721 | | |
| 23 21 13 23-1974 | EA | 1-1/2" Ball Valve, Grooved, With Stainless Steel Trim | 260.32 | 11.44 |
| 23 21 13 23-1975 | EA | 2" Ball Valve, Grooved, With Stainless Steel Trim | 445.63 | 15.71 |
| 23 21 13 23-1976 | EA | 2-1/2" Ball Valve, Grooved, With Stainless Steel Trim | 1,162.25 | 19.25 |
| 23 21 13 23-1977 | EA | 3" Ball Valve, Grooved, With Stainless Steel Trim | 1,503.09 | 22.78 |
| 23 21 13 23-1978 | EA | 4" Ball Valve, Grooved, With Stainless Steel Trim | 2,053.45 | 29.94 |
| 23 21 13 23-1979 | EA | 6" Ball Valve, Grooved, With Stainless Steel Trim | 5,601.91 | 49.19 |
| 23 21 13 23-1980 | | Grooved Check Valves *(23 21 13 23-1949)* | | |
| | | Note: Victaulic No. 712 | | |
| 23 21 13 23-1981 | EA | 2" Check Valve, Grooved | 371.11 | 15.71 |
| 23 21 13 23-1982 | EA | 2-1/2" Check Valve, Grooved | 602.62 | 19.25 |
| 23 21 13 23-1983 | EA | 3" Check Valve, Grooved | 702.15 | 22.78 |
| 23 21 13 23-1984 | EA | 4" Check Valve, Grooved | 995.37 | 29.94 |
| 23 21 13 23-1985 | | Grooved Vic-Check Check Valves *(23 21 13 23-1949)* | | |
| | | Note: Victaulic No. 716 | | |
| 23 21 13 23-1986 | EA | 2-1/2" "Vic-Check" Check Valve, Grooved | 481.38 | 19.25 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-1987 | EA | 3" "Vic-Check" Check Valve, Grooved | 486.58 | 22.78 |
| 23 21 13 23-1988 | EA | 4" "Vic-Check" Check Valve, Grooved | 609.73 | 29.94 |
| 23 21 13 23-1989 | EA | 6" "Vic-Check" Check Valve, Grooved | 1,189.04 | 49.19 |
| 23 21 13 23-1990 | EA | 8" "Vic-Check" Check Valve, Grooved | 1,626.94 | 68.43 |
| 23 21 13 23-1991 | EA | 10" "Vic-Check" Check Valve, Grooved | 4,551.22 | 92.71 |
| 23 21 13 23-1992 | EA | 12" "Vic-Check" Check Valve, Grooved | 5,389.58 | 107.03 |
| 23 21 13 23-1993 | | Grooved Plug Valves With Lever Operator *(23 21 13 23-1949)* | | |
| | | Note: Victaulic No. 377 | | |
| 23 21 13 23-1994 | EA | 3" Balancing Plug Valve, Grooved, With Lever Handle | 594.07 | 22.78 |
| 23 21 13 23-1995 | EA | 4" Balancing Plug Valve, Grooved, With Lever Handle | 661.06 | 29.94 |
| 23 21 13 23-1996 | EA | 6" Balancing Plug Valve, Grooved, With Lever Handle | 1,178.53 | 49.19 |
| 23 21 13 23-1997 | | Grooved Plug Valve With Gear Operator *(23 21 13 23-1949)* | | |
| | | Note: Victaulic No. 377 | | |
| 23 21 13 23-1998 | EA | 3" Balancing Plug Valve, Grooved, With Gear Operator | 1,045.73 | 22.78 |
| 23 21 13 23-1999 | EA | 4" Balancing Plug Valve, Grooved, With Gear Operator | 1,112.75 | 29.94 |
| 23 21 13 23-2000 | EA | 6" Balancing Plug Valve, Grooved, With Gear Operator | 1,630.23 | 49.19 |
| 23 21 13 23-2001 | EA | 8" Balancing Plug Valve, Grooved, With Gear Operator | 2,181.70 | 68.43 |
| 23 21 13 23-2002 | EA | 10" Balancing Plug Valve, Grooved, With Gear Operator | 3,417.84 | 92.71 |
| 23 21 13 23-2003 | EA | 12" Balancing Plug Valve, Grooved, With Gear Operator | 4,936.53 | 107.03 |
| 23 21 13 23-2004 | | Prepare Pipe For Groove *(23 21 13 23-1424)* | | |
| 23 21 13 23-2005 | | Cut Grooved Pipe *(23 21 13 23-2004)* | | |
| | | Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe. | | |
| 23 21 13 23-2006 | EA | Cut 3/4" Groove Pipe | 11.20 | |
| 23 21 13 23-2007 | EA | Cut 1" Groove Pipe | 12.16 | |
| 23 21 13 23-2008 | EA | Cut 1-1/4" Groove Pipe | 13.73 | |
| 23 21 13 23-2009 | EA | Cut 1-1/2" Groove Pipe | 14.94 | |
| 23 21 13 23-2010 | EA | Cut 2" Groove Pipe | 16.37 | |
| 23 21 13 23-2011 | EA | Cut 2-1/2" Groove Pipe | 17.74 | |
| 23 21 13 23-2012 | EA | Cut 3" Groove Pipe | 19.35 | |
| 23 21 13 23-2013 | EA | Cut 3-1/2" Groove Pipe | 20.51 | |
| 23 21 13 23-2014 | EA | Cut 4" Groove Pipe | 21.83 | |
| 23 21 13 23-2015 | EA | Cut 5" Groove Pipe | 23.65 | |
| 23 21 13 23-2016 | EA | Cut 6" Groove Pipe | 24.33 | |
| 23 21 13 23-2017 | EA | Cut 8" Groove Pipe | 31.53 | |
| 23 21 13 23-2018 | EA | Cut 10" Groove Pipe | 44.81 | |
| 23 21 13 23-2019 | EA | Cut 12" Groove Pipe | 56.75 | |
| 23 21 13 23-2020 | EA | Cut 14" Groove Pipe | 85.13 | |
| 23 21 13 23-2021 | EA | Cut 16" Groove Pipe | 89.61 | |
| 23 21 13 23-2022 | EA | Cut 18" Groove Pipe | 94.59 | |
| 23 21 13 23-2023 | EA | Cut 20" Groove Pipe | 100.15 | |
| 23 21 13 23-2024 | EA | Cut 24" Groove Pipe | 113.51 | |
| 23 21 13 23-2025 | | Roll Grooved Pipe *(23 21 13 23-2004)* | | |
| | | Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe. | | |
| 23 21 13 23-2026 | EA | Roll 3/4" Groove | 6.40 | |
| 23 21 13 23-2027 | EA | Roll 1" Groove | 7.46 | |
| 23 21 13 23-2028 | EA | Roll 1-1/4" Groove | 8.51 | |
| 23 21 13 23-2029 | EA | Roll 1-1/2" Groove | 9.57 | |
| 23 21 13 23-2030 | EA | Roll 2" Groove | 14.68 | |
| 23 21 13 23-2031 | EA | Roll 2-1/2" Groove | 15.48 | |
| 23 21 13 23-2032 | EA | Roll 3" Groove | 17.02 | |
| 23 21 13 23-2033 | EA | Roll 3-1/2" Groove | 18.11 | |
| 23 21 13 23-2034 | EA | Roll 4" Groove | 19.79 | |
| 23 21 13 23-2035 | EA | Roll 5" Groove | 20.27 | |
| 23 21 13 23-2036 | EA | Roll 6" Groove | 21.29 | |
| 23 21 13 23-2037 | EA | Roll 8" Groove | 25.80 | |
| 23 21 13 23-2038 | EA | Roll 10" Groove | 29.35 | |
| 23 21 13 23-2039 | EA | Roll 12" Groove | 37.01 | |
| 23 21 13 23-2040 | EA | Roll 14" Groove | 56.75 | |
| 23 21 13 23-2041 | EA | Roll 16" Groove | 60.80 | |
| 23 21 13 23-2042 | EA | Roll 18" Groove | 63.06 | |
| 23 21 13 23-2043 | EA | Roll 20" Groove | 68.11 | |
| 23 21 13 23-2044 | EA | Roll 24" Groove | 74.03 | |
| 23 21 13 23-2045 | | Standard Gaskets *(23 21 13 23-2004)* | | |
| | | Note: For use on replacement of existing gaskets. | | |
| 23 21 13 23-2046 | EA | 3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 33.52 | |
| 23 21 13 23-2047 | EA | 1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 34.42 | |
| 23 21 13 23-2048 | EA | 1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 35.83 | |
| 23 21 13 23-2049 | EA | 1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 39.19 | |
| 23 21 13 23-2050 | EA | 2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 39.83 | |
| 23 21 13 23-2051 | EA | 2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 47.18 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-2052 | EA | 3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 51.60 | |
| 23 21 13 23-2053 | EA | 3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 64.21 | |
| 23 21 13 23-2054 | EA | 4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 64.73 | |
| 23 21 13 23-2055 | EA | 5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 81.82 | |
| 23 21 13 23-2056 | EA | 6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 88.11 | |
| 23 21 13 23-2057 | EA | 8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 120.27 | |
| 23 21 13 23-2058 | EA | 10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 151.92 | |
| 23 21 13 23-2059 | EA | 12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 178.34 | |
| 23 21 13 23-2060 | EA | 14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 248.28 | |
| 23 21 13 23-2061 | EA | 16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 335.37 | |
| 23 21 13 23-2062 | EA | 18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 399.82 | |
| 23 21 13 23-2063 | EA | 20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 600.16 | |
| 23 21 13 23-2064 | EA | 24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" | 825.90 | |

### 23 21 13 23-2065 Copper Grooved-Joint Pipe Fittings *(23 21 13 23)*

Note: Couplings are not included with fittings.

### 23 21 13 23-2066 Grooved Fittings *(23 21 13 23-2065)*

### 23 21 13 23-2067 Grooved 90 Degree Elbows *(23 21 13 23-2066)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2068 | EA | 2" Copper 90 Degree Elbow, Grooved | 71.49 | 17.43 |
| 23 21 13 23-2069 | EA | 2-1/2" Copper 90 Degree Elbow, Grooved | 82.11 | 21.28 |
| 23 21 13 23-2070 | EA | 3" Copper 90 Degree Elbow, Grooved | 106.99 | 25.77 |
| 23 21 13 23-2071 | EA | 4" Copper 90 Degree Elbow, Grooved | 195.25 | 34.00 |
| 23 21 13 23-2072 | EA | 5" Copper 90 Degree Elbow, Grooved | 445.51 | 42.56 |
| 23 21 13 23-2073 | EA | 6" Copper 90 Degree Elbow, Grooved | 686.50 | 55.71 |
| 23 21 13 23-2074 | EA | 8" Copper 90 Degree Elbow, Grooved | 1,212.26 | 66.29 |

### 23 21 13 23-2075 Grooved 45 Degree Elbows *(23 21 13 23-2066)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2076 | EA | 2" Copper 45 Degree Elbow, Grooved | 71.49 | 17.43 |
| 23 21 13 23-2077 | EA | 2-1/2" Copper 45 Degree Elbow, Grooved | 82.11 | 21.28 |
| 23 21 13 23-2078 | EA | 3" Copper 45 Degree Elbow, Grooved | 106.99 | 25.77 |
| 23 21 13 23-2079 | EA | 4" Copper 45 Degree Elbow, Grooved | 195.25 | 34.00 |
| 23 21 13 23-2080 | EA | 5" Copper 45 Degree Elbow, Grooved | 445.51 | 42.56 |
| 23 21 13 23-2081 | EA | 6" Copper 45 Degree Elbow, Grooved | 686.50 | 55.71 |
| 23 21 13 23-2082 | EA | 8" Copper 45 Degree Elbow, Grooved | 1,212.26 | 66.29 |

### 23 21 13 23-2083 Grooved Tees *(23 21 13 23-2066)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2084 | EA | 2" Copper Tee, Grooved | 111.29 | 25.66 |
| 23 21 13 23-2085 | EA | 2-1/2" Copper Tee, Grooved | 126.63 | 31.54 |
| 23 21 13 23-2086 | EA | 3" Copper Tee, Grooved | 171.99 | 38.70 |
| 23 21 13 23-2087 | EA | 4" Copper Tee, Grooved | 307.54 | 50.05 |
| 23 21 13 23-2088 | EA | 5" Copper Tee, Grooved | 1,043.59 | 65.44 |
| 23 21 13 23-2089 | EA | 6" Copper Tee, Grooved | 880.74 | 81.91 |
| 23 21 13 23-2090 | EA | 8" Copper Tee, Grooved | 1,479.10 | 99.44 |

### 23 21 13 23-2091 Grooved Reducing Tees *(23 21 13 23-2066)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2092 | EA | 2-1/2" Copper Tee, Reducing, Grooved | 157.82 | 31.54 |
| 23 21 13 23-2093 | EA | 3" Copper Tee, Reducing, Grooved | 238.23 | 38.70 |
| 23 21 13 23-2094 | EA | 4" Copper Tee, Reducing, Grooved | 372.61 | 50.15 |
| 23 21 13 23-2095 | EA | 5" Copper Tee, Reducing, Grooved | 962.54 | 65.55 |
| 23 21 13 23-2096 | EA | 6" Copper Tee, Reducing, Grooved | 1,179.06 | 81.91 |

### 23 21 13 23-2097 Grooved X Cup Reducing Tees *(23 21 13 23-2066)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2098 | EA | 2" Copper Tee, Reducing, Grooved X Cup | 127.97 | 25.66 |
| 23 21 13 23-2099 | EA | 2-1/2" Copper Tee, Reducing, Grooved X Cup | 158.16 | 31.54 |
| 23 21 13 23-2100 | EA | 3" Copper Tee, Reducing, Grooved X Cup | 253.24 | 38.70 |
| 23 21 13 23-2101 | EA | 4" Copper Tee, Reducing, Grooved X Cup | 372.61 | 50.05 |

### 23 21 13 23-2102 Grooved Flanged Adapter Nipples *(23 21 13 23-2066)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2103 | EA | 2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 195.62 | 18.93 |
| 23 21 13 23-2104 | EA | 2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 210.17 | 22.99 |
| 23 21 13 23-2105 | EA | 3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 226.89 | 27.48 |
| 23 21 13 23-2106 | EA | 4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 262.56 | 37.00 |
| 23 21 13 23-2107 | EA | 5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 343.03 | 44.80 |
| 23 21 13 23-2108 | EA | 6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 | 396.82 | 60.52 |

### 23 21 13 23-2109 Grooved Concentric Reducers *(23 21 13 23-2066)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2110 | EA | 2-1/2" x 2" Copper Concentric Reducer, Grooved | 91.41 | 19.46 |
| 23 21 13 23-2111 | EA | 3" x 2" Copper Concentric Reducer, Grooved | 95.70 | 21.71 |
| 23 21 13 23-2112 | EA | 3" x 2-1/2" Copper Concentric Reducer, Grooved | 103.99 | 25.77 |
| 23 21 13 23-2113 | EA | 4" x 2" Copper Concentric Reducer, Grooved | 158.99 | 25.98 |
| 23 21 13 23-2114 | EA | 4" x 2-1/2" Copper Concentric Reducer, Grooved | 162.73 | 27.80 |
| 23 21 13 23-2115 | EA | 4" x 3" Copper Concentric Reducer, Grooved | 167.00 | 29.94 |
| 23 21 13 23-2116 | EA | 5" x 3" Copper Concentric Reducer, Grooved | 369.76 | 34.22 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-2117 | EA | 5" x 4" Copper Concentric Reducer, Grooved | 378.31 | 38.49 |
| 23 21 13 23-2118 | EA | 6" x 3" Copper Concentric Reducer, Grooved | 407.45 | 40.64 |
| 23 21 13 23-2119 | EA | 6" x 4" Copper Concentric Reducer, Grooved | 416.01 | 44.91 |
| 23 21 13 23-2120 | EA | 6" x 5" Copper Concentric Reducer, Grooved | 424.57 | 49.19 |
| 23 21 13 23-2121 | EA | 8" x 6" Copper Concentric Reducer, Grooved | 694.34 | 60.94 |
| **23 21 13 23-2122** | | **Grooved X Cup Concentric Reducers** *(23 21 13 23-2066)* | | |
| 23 21 13 23-2123 | EA | 2" x 1" Copper Concentric Reducer, Grooved X Cup | 70.65 | 13.69 |
| 23 21 13 23-2124 | EA | 2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup | 71.72 | 14.22 |
| 23 21 13 23-2125 | EA | 2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup | 74.98 | 15.83 |
| 23 21 13 23-2126 | EA | 2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup | 83.61 | 15.29 |
| 23 21 13 23-2127 | EA | 2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup | 84.66 | 15.83 |
| 23 21 13 23-2128 | EA | 2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup | 87.80 | 17.43 |
| 23 21 13 23-2129 | EA | 2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup | 92.08 | 19.46 |
| 23 21 13 23-2130 | EA | 3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup | 104.92 | 19.46 |
| 23 21 13 23-2131 | EA | 3" x 2" Copper Concentric Reducer, Grooved X Cup | 109.21 | 21.71 |
| 23 21 13 23-2132 | EA | 4" x 2" Copper Concentric Reducer, Grooved X Cup | 174.17 | 25.88 |
| **23 21 13 23-2133** | | **Grooved Standard Couplings** *(23 21 13 23-2066)* | | |
| 23 21 13 23-2134 | EA | 2" Copper Standard Coupling, Grooved | 30.07 | 8.76 |
| 23 21 13 23-2135 | EA | 2-1/2" Copper Standard Coupling, Grooved | 35.73 | 10.69 |
| 23 21 13 23-2136 | EA | 3" Copper Standard Coupling, Grooved | 41.31 | 12.72 |
| 23 21 13 23-2137 | EA | 4" Copper Standard Coupling, Grooved | 58.37 | 17.10 |
| 23 21 13 23-2138 | EA | 5" Copper Standard Coupling, Grooved | 83.95 | 21.28 |
| 23 21 13 23-2139 | EA | 6" Copper Standard Coupling, Grooved | 110.35 | 27.80 |
| 23 21 13 23-2140 | EA | 8" Copper Standard Coupling, Grooved | 151.38 | 33.14 |
| **23 21 13 23-2141** | | **Grooved Caps** *(23 21 13 23-2066)* | | |
| 23 21 13 23-2142 | EA | 2" Copper Cap, Grooved | 42.66 | 8.76 |
| 23 21 13 23-2143 | EA | 2-1/2" Copper Cap, Grooved | 58.67 | 10.69 |
| 23 21 13 23-2144 | EA | 3" Copper Cap, Grooved | 71.80 | 12.72 |
| 23 21 13 23-2145 | EA | 4" Copper Cap, Grooved | 103.62 | 17.00 |
| 23 21 13 23-2146 | EA | 5" Copper Cap, Grooved | 165.93 | 21.28 |
| 23 21 13 23-2147 | EA | 6" Copper Cap, Grooved | 197.67 | 27.80 |
| **23 21 13 23-2148** | | **Grooved Valves** *(23 21 13 23-2065)* | | |
| **23 21 13 23-2149** | | **Grooved Butterfly Valves, Standard Trim, Without Operator** *(23 21 13 23-2148)* | | |
| | | Note: Copper body. | | |
| 23 21 13 23-2150 | EA | 2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body | 478.49 | 11.44 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| 23 21 13 23-2151 | EA | 3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body | 544.24 | 17.00 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| 23 21 13 23-2152 | EA | 4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body | 719.43 | 22.34 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| 23 21 13 23-2153 | EA | 6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body | 960.00 | 36.68 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| 23 21 13 23-2154 | EA | 8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body | 1,058.35 | 51.54 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| **23 21 13 23-2155** | | **Grooved Butterfly Valves, Standard Trim, With Operator** *(23 21 13 23-2148)* | | |
| | | Note: Copper body. | | |
| 23 21 13 23-2156 | EA | 2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body | 584.55 | 11.44 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| 23 21 13 23-2157 | EA | 3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body | 650.37 | 17.00 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| 23 21 13 23-2158 | EA | 4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body | 825.56 | 22.34 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| 23 21 13 23-2159 | EA | 6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body | 1,066.20 | 36.68 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| 23 21 13 23-2160 | EA | 8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body | 1,164.48 | 51.54 |
| | | *For Chain Wheel, Add* | *43.45* | |
| | | *For Valve Bracket Insulation, Add* | *38.20* | |
| **23 21 13 23-2161** | | **Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23)* | | |
| | | Note: Socket or back weld. | | |
| **23 21 13 23-2162** | | **Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23-2161)* | | |
| | | Note: ASTM D1785 with D2466 fittings. | | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 21 13 23-2163** | | **Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2164 | LF | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 4.94 | 3.06 |
| 23 21 13 23-2165 | LF | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 6.18 | 3.82 |
| 23 21 13 23-2166 | LF | 1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 6.75 | 4.07 |
| 23 21 13 23-2167 | LF | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 7.42 | 4.38 |
| 23 21 13 23-2168 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 7.65 | 4.46 |
| 23 21 13 23-2169 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 9.32 | 5.34 |
| 23 21 13 23-2170 | LF | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 11.59 | 6.34 |
| 23 21 13 23-2171 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 14.19 | 7.67 |
| 23 21 13 23-2172 | LF | 4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 21.14 | 11.49 |
| 23 21 13 23-2173 | LF | 6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 29.80 | 15.33 |
| 23 21 13 23-2174 | LF | 8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 37.74 | 18.27 |
| 23 21 13 23-2175 | LF | 10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe | 62.18 | 20.41 |
| **23 21 13 23-2176** | | **Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2177 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 18.08 | 11.54 |
| 23 21 13 23-2178 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 24.17 | 15.29 |
| 23 21 13 23-2179 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 30.60 | 19.03 |
| 23 21 13 23-2180 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 44.17 | 26.95 |
| 23 21 13 23-2181 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 49.58 | 30.37 |
| 23 21 13 23-2182 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 64.21 | 38.60 |
| 23 21 13 23-2183 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 105.02 | 57.10 |
| 23 21 13 23-2184 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 135.94 | 75.06 |
| 23 21 13 23-2185 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 175.45 | 89.17 |
| 23 21 13 23-2186 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 252.83 | 101.90 |
| 23 21 13 23-2187 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 435.87 | 118.90 |
| 23 21 13 23-2188 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows | 651.84 | 177.28 |
| **23 21 13 23-2189** | | **Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2190 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 18.50 | 11.54 |
| 23 21 13 23-2191 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 25.00 | 15.29 |
| 23 21 13 23-2192 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 31.77 | 19.03 |
| 23 21 13 23-2193 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 44.92 | 26.95 |
| 23 21 13 23-2194 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 51.24 | 30.37 |
| 23 21 13 23-2195 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 65.29 | 38.60 |
| 23 21 13 23-2196 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 105.02 | 57.10 |
| 23 21 13 23-2197 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 142.94 | 75.06 |
| 23 21 13 23-2198 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 188.19 | 89.17 |
| 23 21 13 23-2199 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 253.99 | 101.90 |
| 23 21 13 23-2200 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 421.80 | 118.90 |
| 23 21 13 23-2201 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows | 651.84 | 177.28 |
| **23 21 13 23-2202** | | **Schedule 40 Polyvinyl Chloride (PVC) Tees** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2203 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees | 29.52 | 19.03 |
| 23 21 13 23-2204 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees | 35.57 | 22.99 |
| 23 21 13 23-2205 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Tees | 47.58 | 30.37 |
| 23 21 13 23-2206 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees | 61.13 | 38.60 |
| 23 21 13 23-2207 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees | 73.06 | 45.98 |
| 23 21 13 23-2208 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Tees | 91.45 | 57.10 |
| 23 21 13 23-2209 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees | 132.20 | 75.06 |
| 23 21 13 23-2210 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Tees | 159.38 | 89.17 |
| 23 21 13 23-2211 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Tees | 224.83 | 118.90 |
| 23 21 13 23-2212 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Tees | 387.13 | 153.33 |
| 23 21 13 23-2213 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) Tees | 649.77 | 190.22 |
| 23 21 13 23-2214 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) Tees | 1,852.96 | 284.20 |
| **23 21 13 23-2215** | | **Schedule 40 Polyvinyl Chloride (PVC) Crosses** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2216 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 37.21 | 23.73 |
| 23 21 13 23-2217 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 44.81 | 28.76 |
| 23 21 13 23-2218 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 60.15 | 37.96 |
| 23 21 13 23-2219 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 77.47 | 48.22 |
| 23 21 13 23-2220 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 92.62 | 57.53 |
| 23 21 13 23-2221 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 116.19 | 71.32 |
| 23 21 13 23-2222 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 171.49 | 93.89 |
| 23 21 13 23-2223 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 207.39 | 111.41 |
| 23 21 13 23-2224 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 295.86 | 148.62 |
| 23 21 13 23-2225 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 533.70 | 191.61 |
| 23 21 13 23-2226 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 927.84 | 237.58 |
| 23 21 13 23-2227 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) Crosses | 2,769.63 | 355.42 |
| **23 21 13 23-2228** | | **Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2229 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 18.64 | 11.77 |
| 23 21 13 23-2230 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 24.48 | 15.08 |
| 23 21 13 23-2231 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 32.68 | 20.21 |
| 23 21 13 23-2232 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 40.31 | 25.12 |
| 23 21 13 23-2233 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 49.58 | 30.26 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-2234 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 69.53 | 42.03 |
| 23 21 13 23-2235 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 96.78 | 58.06 |
| 23 21 13 23-2236 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 129.16 | 72.18 |
| 23 21 13 23-2237 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 176.33 | 84.04 |
| 23 21 13 23-2238 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 429.02 | 97.09 |
| 23 21 13 23-2239 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts | 510.28 | 130.23 |
| **23 21 13 23-2240** | | **Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2241 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 19.00 | 11.54 |
| 23 21 13 23-2242 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 24.75 | 15.29 |
| 23 21 13 23-2243 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 30.68 | 19.03 |
| 23 21 13 23-2244 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 43.67 | 26.95 |
| 23 21 13 23-2245 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 49.33 | 30.37 |
| 23 21 13 23-2246 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 63.04 | 38.60 |
| 23 21 13 23-2247 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 93.12 | 57.10 |
| 23 21 13 23-2248 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 121.29 | 75.06 |
| 23 21 13 23-2249 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 153.39 | 89.17 |
| **23 21 13 23-2250** | | **Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2251 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 19.58 | 11.54 |
| 23 21 13 23-2252 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 25.33 | 15.29 |
| 23 21 13 23-2253 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 31.85 | 19.03 |
| 23 21 13 23-2254 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 44.34 | 26.95 |
| 23 21 13 23-2255 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 50.83 | 30.37 |
| 23 21 13 23-2256 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 64.38 | 38.60 |
| 23 21 13 23-2257 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 94.61 | 57.10 |
| 23 21 13 23-2258 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 125.87 | 75.06 |
| 23 21 13 23-2259 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 150.73 | 89.17 |
| **23 21 13 23-2260** | | **Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2261 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 18.08 | 11.54 |
| 23 21 13 23-2262 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 24.08 | 15.29 |
| 23 21 13 23-2263 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 29.77 | 19.03 |
| 23 21 13 23-2264 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 42.34 | 26.95 |
| 23 21 13 23-2265 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 47.83 | 30.37 |
| 23 21 13 23-2266 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 60.96 | 38.60 |
| 23 21 13 23-2267 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 99.27 | 57.10 |
| 23 21 13 23-2268 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 131.03 | 75.06 |
| 23 21 13 23-2269 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 164.21 | 89.17 |
| **23 21 13 23-2270** | | **Schedule 40 Polyvinyl Chloride (PVC) P-Traps** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2271 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps | 29.60 | 15.71 |
| **23 21 13 23-2272** | | **Schedule 40 Polyvinyl Chloride (PVC) Couplings** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2273 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 17.75 | 11.54 |
| 23 21 13 23-2274 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 23.67 | 15.29 |
| 23 21 13 23-2275 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 29.77 | 19.03 |
| 23 21 13 23-2276 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 42.01 | 26.95 |
| 23 21 13 23-2277 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 47.33 | 30.37 |
| 23 21 13 23-2278 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 60.63 | 38.60 |
| 23 21 13 23-2279 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 91.87 | 57.10 |
| 23 21 13 23-2280 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 122.46 | 75.06 |
| 23 21 13 23-2281 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 148.06 | 89.17 |
| 23 21 13 23-2282 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 198.38 | 101.90 |
| 23 21 13 23-2283 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 263.46 | 118.90 |
| 23 21 13 23-2284 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) Couplings | 582.29 | 127.45 |
| **23 21 13 23-2285** | | **Schedule 40 Polyvinyl Chloride (PVC) Unions** *(23 21 13 23-2162)* | | |
| 23 21 13 23-2286 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions | 33.91 | 19.03 |
| 23 21 13 23-2287 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions | 48.56 | 22.99 |
| 23 21 13 23-2288 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Unions | 61.23 | 30.37 |
| 23 21 13 23-2289 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions | 96.10 | 38.60 |
| 23 21 13 23-2290 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions | 108.94 | 45.98 |
| 23 21 13 23-2291 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Unions | 139.40 | 57.10 |
| 23 21 13 23-2292 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions | 210.29 | 75.06 |
| 23 21 13 23-2293 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Unions | 237.22 | 89.17 |
| 23 21 13 23-2294 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Unions | 383.58 | 118.90 |
| 23 21 13 23-2295 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Unions | 505.15 | 153.33 |
| 23 21 13 23-2296 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) Unions | 739.18 | 190.12 |
| 23 21 13 23-2297 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) Unions | 1,102.52 | 235.98 |
| **23 21 13 23-2298** | | **Schedule 40 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2162)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-2299 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps | 8.73 | 5.33 |
| 23 21 13 23-2300 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps | 11.18 | 6.84 |
| 23 21 13 23-2301 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Caps | 14.16 | 8.45 |
| 23 21 13 23-2302 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps | 20.68 | 12.44 |
| 23 21 13 23-2303 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps | 22.48 | 13.47 |
| 23 21 13 23-2304 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Caps | 28.41 | 17.22 |
| 23 21 13 23-2305 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps | 46.40 | 25.45 |
| 23 21 13 23-2306 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Caps | 59.22 | 33.46 |
| 23 21 13 23-2307 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Caps | 79.80 | 39.67 |
| 23 21 13 23-2308 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Caps | 115.78 | 45.34 |
| 23 21 13 23-2309 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) Caps | 237.54 | 52.93 |
| 23 21 13 23-2310 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) Caps | 701.75 | 78.92 |
| 23 21 13 23-2311 | | Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges *(23 21 13 23-2162)* | | |
| 23 21 13 23-2312 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges | 45.25 | 19.03 |
| 23 21 13 23-2313 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 60.13 | 22.99 |
| 23 21 13 23-2314 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 74.05 | 30.37 |
| 23 21 13 23-2315 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 87.19 | 38.60 |
| 23 21 13 23-2316 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 99.03 | 45.98 |
| 23 21 13 23-2317 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 125.50 | 57.10 |
| 23 21 13 23-2318 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 174.24 | 75.06 |
| 23 21 13 23-2319 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 201.76 | 89.17 |
| 23 21 13 23-2320 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 264.46 | 118.90 |
| 23 21 13 23-2321 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 365.46 | 153.33 |
| 23 21 13 23-2322 | EA | 8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 590.92 | 190.12 |
| 23 21 13 23-2323 | EA | 10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges | 1,042.86 | 235.66 |
| 23 21 13 23-2324 | | Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2161)*<br>Note: ASTM D1785 with D2467 fittings. | | |
| 23 21 13 23-2325 | | Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2324)* | | |
| 23 21 13 23-2326 | LF | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 5.04 | 3.10 |
| 23 21 13 23-2327 | LF | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 6.30 | 3.85 |
| 23 21 13 23-2328 | LF | 1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 7.72 | 4.59 |
| 23 21 13 23-2329 | LF | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 9.18 | 5.35 |
| 23 21 13 23-2330 | LF | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 10.54 | 6.09 |
| 23 21 13 23-2331 | LF | 2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 13.47 | 7.70 |
| 23 21 13 23-2332 | LF | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 15.60 | 8.45 |
| 23 21 13 23-2333 | LF | 3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 17.72 | 9.20 |
| 23 21 13 23-2334 | LF | 4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 23.01 | 11.54 |
| 23 21 13 23-2335 | LF | 6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 33.94 | 15.29 |
| 23 21 13 23-2336 | LF | 8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 44.09 | 18.28 |
| 23 21 13 23-2337 | LF | 10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe | 80.88 | 19.67 |
| 23 21 13 23-2338 | | Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2324)* | | |
| 23 21 13 23-2339 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 20.25 | 11.54 |
| | | *For Threaded Fittings, Add* | *2.59* | |
| 23 21 13 23-2340 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 26.91 | 15.29 |
| | | *For Threaded Fittings, Add* | *3.45* | |
| 23 21 13 23-2341 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 34.85 | 19.03 |
| | | *For Threaded Fittings, Add* | *4.28* | |
| 23 21 13 23-2342 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 48.75 | 26.95 |
| | | *For Threaded Fittings, Add* | *6.05* | |
| 23 21 13 23-2343 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 54.49 | 30.37 |
| | | *For Threaded Fittings, Add* | *6.83* | |
| 23 21 13 23-2344 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 68.71 | 38.60 |
| | | *For Threaded Fittings, Add* | *8.67* | |
| 23 21 13 23-2345 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 111.10 | 57.10 |
| | | *For Threaded Fittings, Add* | *12.83* | |
| 23 21 13 23-2346 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 141.27 | 75.06 |
| | | *For Threaded Fittings, Add* | *16.88* | |
| 23 21 13 23-2347 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 177.28 | 89.17 |
| | | *For Threaded Fittings, Add* | *20.05* | |
| 23 21 13 23-2348 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 310.35 | 101.90 |
| | | *For Threaded Fittings, Add* | *22.91* | |
| 23 21 13 23-2349 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 520.79 | 118.90 |
| | | *For Threaded Fittings, Add* | *26.73* | |
| 23 21 13 23-2350 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows | 651.84 | 177.28 |
| | | *For Threaded Fittings, Add* | *39.86* | |
| 23 21 13 23-2351 | | Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2324)* | | |
| 23 21 13 23-2352 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 22.99 | 11.54 |
| | | *For Threaded Fittings, Add* | *2.59* | |
| 23 21 13 23-2353 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 31.74 | 15.29 |
| | | *For Threaded Fittings, Add* | *3.45* | |
| 23 21 13 23-2354 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 41.67 | 19.03 |
| | | *For Threaded Fittings, Add* | *4.28* | |
| 23 21 13 23-2355 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 57.16 | 26.95 |
| | | *For Threaded Fittings, Add* | *6.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-2356 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 65.31 | 30.37 |
| | | *For Threaded Fittings, Add* | *6.83* | |
| 23 21 13 23-2357 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 83.53 | 38.60 |
| | | *For Threaded Fittings, Add* | *8.67* | |
| 23 21 13 23-2358 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 139.66 | 57.10 |
| | | *For Threaded Fittings, Add* | *12.83* | |
| 23 21 13 23-2359 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 178.41 | 75.06 |
| | | *For Threaded Fittings, Add* | *16.88* | |
| 23 21 13 23-2360 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 252.30 | 89.17 |
| | | *For Threaded Fittings, Add* | *20.05* | |
| 23 21 13 23-2361 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 302.12 | 101.90 |
| | | *For Threaded Fittings, Add* | *22.91* | |
| 23 21 13 23-2362 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 502.08 | 118.90 |
| | | *For Threaded Fittings, Add* | *26.73* | |
| 23 21 13 23-2363 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows | 630.80 | 177.28 |
| | | *For Threaded Fittings, Add* | *39.86* | |

### 23 21 13 23-2364 Schedule 80 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2324)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2365 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees | 35.65 | 18.07 |
| | | *For Threaded Fittings, Add* | *4.06* | |
| 23 21 13 23-2366 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees | 43.48 | 22.99 |
| | | *For Threaded Fittings, Add* | *5.17* | |
| 23 21 13 23-2367 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Tees | 56.74 | 30.37 |
| | | *For Threaded Fittings, Add* | *6.83* | |
| 23 21 13 23-2368 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees | 88.86 | 38.60 |
| | | *For Threaded Fittings, Add* | *8.67* | |
| 23 21 13 23-2369 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees | 100.04 | 45.98 |
| | | *For Threaded Fittings, Add* | *10.35* | |
| 23 21 13 23-2370 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Tees | 124.42 | 57.10 |
| | | *For Threaded Fittings, Add* | *12.83* | |
| 23 21 13 23-2371 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees | 154.84 | 75.06 |
| | | *For Threaded Fittings, Add* | *16.88* | |
| 23 21 13 23-2372 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Tees | 186.44 | 89.17 |
| | | *For Threaded Fittings, Add* | *20.05* | |
| 23 21 13 23-2373 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Tees | 239.40 | 118.90 |
| | | *For Threaded Fittings, Add* | *26.73* | |
| 23 21 13 23-2374 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Tees | 439.01 | 153.33 |
| | | *For Threaded Fittings, Add* | *34.49* | |
| 23 21 13 23-2375 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) Tees | 770.02 | 190.22 |
| | | *For Threaded Fittings, Add* | *42.77* | |
| 23 21 13 23-2376 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) Tees | 1,853.06 | 284.20 |
| | | *For Threaded Fittings, Add* | *63.92* | |

### 23 21 13 23-2377 Schedule 80 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2324)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2378 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 47.28 | 22.56 |
| | | *For Threaded Fittings, Add* | *5.08* | |
| 23 21 13 23-2379 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 57.20 | 28.76 |
| | | *For Threaded Fittings, Add* | *6.47* | |
| 23 21 13 23-2380 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 74.50 | 37.96 |
| | | *For Threaded Fittings, Add* | *8.53* | |
| 23 21 13 23-2381 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 120.93 | 48.22 |
| | | *For Threaded Fittings, Add* | *10.84* | |
| 23 21 13 23-2382 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 134.91 | 57.53 |
| | | *For Threaded Fittings, Add* | *12.93* | |
| 23 21 13 23-2383 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 167.87 | 71.32 |
| | | *For Threaded Fittings, Add* | *16.04* | |
| 23 21 13 23-2384 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 207.00 | 93.89 |
| | | *For Threaded Fittings, Add* | *21.10* | |
| 23 21 13 23-2385 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 249.82 | 111.41 |
| | | *For Threaded Fittings, Add* | *25.06* | |
| 23 21 13 23-2386 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 318.70 | 148.62 |
| | | *For Threaded Fittings, Add* | *33.42* | |
| 23 21 13 23-2387 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 615.03 | 191.61 |
| | | *For Threaded Fittings, Add* | *43.10* | |
| 23 21 13 23-2388 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 1,116.34 | 237.58 |
| | | *For Threaded Fittings, Add* | *53.43* | |
| 23 21 13 23-2389 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) Crosses | 2,769.78 | 355.42 |
| | | *For Threaded Fittings, Add* | *79.94* | |

### 23 21 13 23-2390 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2324)*

| | | | | |
|---|---|---|---|---|
| 23 21 13 23-2391 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 24.75 | 15.29 |
| 23 21 13 23-2392 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 33.60 | 19.03 |
| 23 21 13 23-2393 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 48.33 | 26.95 |
| 23 21 13 23-2394 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 56.40 | 30.37 |
| 23 21 13 23-2395 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 73.37 | 38.60 |
| 23 21 13 23-2396 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 112.51 | 57.10 |
| 23 21 13 23-2397 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 155.42 | 75.06 |
| 23 21 13 23-2398 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 193.10 | 89.17 |
| 23 21 13 23-2399 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 218.69 | 101.90 |
| 23 21 13 23-2400 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 324.56 | 118.90 |
| 23 21 13 23-2401 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts | 520.04 | 138.04 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 21 13 23-2402** | | **Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts** *(23 21 13 23-2324)* | | |
| 23 21 13 23-2403 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 17.83 | 11.54 |
| 23 21 13 23-2404 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 26.25 | 15.29 |
| 23 21 13 23-2405 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 33.60 | 19.03 |
| 23 21 13 23-2406 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 50.66 | 26.95 |
| 23 21 13 23-2407 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 58.49 | 30.37 |
| 23 21 13 23-2408 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 73.70 | 38.60 |
| 23 21 13 23-2409 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 119.17 | 57.10 |
| 23 21 13 23-2410 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 174.82 | 75.06 |
| 23 21 13 23-2411 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts | 229.40 | 89.17 |
| **23 21 13 23-2412** | | **Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters** *(23 21 13 23-2324)* | | |
| 23 21 13 23-2413 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 24.33 | 11.54 |
| 23 21 13 23-2414 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 30.82 | 15.29 |
| 23 21 13 23-2415 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 42.17 | 19.03 |
| 23 21 13 23-2416 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 56.32 | 26.95 |
| 23 21 13 23-2417 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 68.48 | 30.37 |
| 23 21 13 23-2418 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 87.77 | 38.60 |
| 23 21 13 23-2419 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 119.67 | 57.10 |
| 23 21 13 23-2420 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 150.43 | 75.06 |
| 23 21 13 23-2421 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters | 201.01 | 89.17 |
| **23 21 13 23-2422** | | **Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters** *(23 21 13 23-2324)* | | |
| 23 21 13 23-2423 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 22.41 | 11.54 |
| 23 21 13 23-2424 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 30.66 | 15.29 |
| 23 21 13 23-2425 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 39.84 | 19.03 |
| 23 21 13 23-2426 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 58.74 | 26.95 |
| 23 21 13 23-2427 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 68.06 | 30.37 |
| 23 21 13 23-2428 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 97.09 | 38.60 |
| 23 21 13 23-2429 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 147.64 | 57.10 |
| 23 21 13 23-2430 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 182.48 | 75.06 |
| 23 21 13 23-2431 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters | 253.87 | 89.17 |
| **23 21 13 23-2432** | | **Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(23 21 13 23-2324)* | | |
| 23 21 13 23-2433 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 22.74 | 11.54 |
| | | *For Threaded Fittings, Add* | *2.59* | |
| 23 21 13 23-2434 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 30.41 | 15.29 |
| | | *For Threaded Fittings, Add* | *3.45* | |
| 23 21 13 23-2435 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 36.18 | 19.03 |
| | | *For Threaded Fittings, Add* | *4.28* | |
| 23 21 13 23-2436 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 52.08 | 26.95 |
| | | *For Threaded Fittings, Add* | *6.05* | |
| 23 21 13 23-2437 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 58.15 | 30.37 |
| | | *For Threaded Fittings, Add* | *6.83* | |
| 23 21 13 23-2438 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 71.29 | 38.60 |
| | | *For Threaded Fittings, Add* | *8.67* | |
| 23 21 13 23-2439 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 118.92 | 57.10 |
| | | *For Threaded Fittings, Add* | *12.83* | |
| 23 21 13 23-2440 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 150.93 | 75.06 |
| | | *For Threaded Fittings, Add* | *16.88* | |
| 23 21 13 23-2441 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 181.78 | 89.17 |
| | | *For Threaded Fittings, Add* | *20.05* | |
| 23 21 13 23-2442 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 256.24 | 101.90 |
| | | *For Threaded Fittings, Add* | *22.91* | |
| 23 21 13 23-2443 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 319.07 | 118.90 |
| | | *For Threaded Fittings, Add* | *26.73* | |
| 23 21 13 23-2444 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) Couplings | 607.26 | 127.45 |
| | | *For Threaded Fittings, Add* | *28.65* | |
| **23 21 13 23-2445** | | **Schedule 80 Polyvinyl Chloride (PVC) Unions** *(23 21 13 23-2324)* | | |
| 23 21 13 23-2446 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions | 40.84 | 19.03 |
| 23 21 13 23-2447 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions | 48.73 | 22.99 |
| 23 21 13 23-2448 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Unions | 61.73 | 30.37 |
| 23 21 13 23-2449 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions | 98.43 | 38.60 |
| 23 21 13 23-2450 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions | 121.26 | 45.98 |
| 23 21 13 23-2451 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Unions | 156.39 | 57.10 |
| 23 21 13 23-2452 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions | 244.46 | 75.06 |
| 23 21 13 23-2453 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Unions | 303.69 | 89.17 |
| 23 21 13 23-2454 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Unions | 384.08 | 118.90 |
| 23 21 13 23-2455 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Unions | 505.15 | 153.33 |
| 23 21 13 23-2456 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) Unions | 739.18 | 190.12 |
| 23 21 13 23-2457 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) Unions | 1,101.96 | 235.66 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 21 13 23-2458** | | **Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions** *(23 21 13 23-2324)* | | |
| 23 21 13 23-2459 | EA | 1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union | 42.15 | 23.76 |
| 23 21 13 23-2460 | EA | 3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union | 50.27 | 27.48 |
| 23 21 13 23-2461 | EA | 1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union | 60.84 | 32.40 |
| 23 21 13 23-2462 | EA | 1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union | 81.08 | 38.60 |
| 23 21 13 23-2463 | EA | 1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union | 97.67 | 45.98 |
| 23 21 13 23-2464 | EA | 2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union | 129.36 | 57.10 |
| 23 21 13 23-2465 | EA | 3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union | 276.93 | 110.67 |
| 23 21 13 23-2466 | EA | 4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union | 300.46 | 122.75 |
| **23 21 13 23-2467** | | **Schedule 80 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2324)* | | |
| 23 21 13 23-2468 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps | 15.51 | 5.14 |
| | | *For Threaded Fittings, Add* | *1.17* | |
| 23 21 13 23-2469 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps | 18.51 | 6.84 |
| | | *For Threaded Fittings, Add* | *1.55* | |
| 23 21 13 23-2470 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Caps | 27.31 | 8.45 |
| | | *For Threaded Fittings, Add* | *1.92* | |
| 23 21 13 23-2471 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps | 35.63 | 11.98 |
| | | *For Threaded Fittings, Add* | *2.72* | |
| 23 21 13 23-2472 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps | 37.96 | 13.47 |
| | | *For Threaded Fittings, Add* | *3.07* | |
| 23 21 13 23-2473 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Caps | 52.22 | 17.22 |
| | | *For Threaded Fittings, Add* | *3.90* | |
| 23 21 13 23-2474 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps | 92.35 | 25.45 |
| | | *For Threaded Fittings, Add* | *5.77* | |
| 23 21 13 23-2475 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Caps | 116.50 | 33.46 |
| | | *For Threaded Fittings, Add* | *7.60* | |
| 23 21 13 23-2476 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Caps | 166.05 | 39.67 |
| | | *For Threaded Fittings, Add* | *9.02* | |
| 23 21 13 23-2477 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Caps | 331.81 | 45.34 |
| | | *For Threaded Fittings, Add* | *10.31* | |
| 23 21 13 23-2478 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) Caps | 441.59 | 52.93 |
| | | *For Threaded Fittings, Add* | *12.03* | |
| 23 21 13 23-2479 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) Caps | 785.00 | 78.92 |
| | | *For Threaded Fittings, Add* | *17.94* | |
| **23 21 13 23-2480** | | **Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges** *(23 21 13 23-2324)* | | |
| 23 21 13 23-2481 | EA | 1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 52.41 | 19.03 |
| | | *For Threaded Fittings, Add* | *4.28* | |
| 23 21 13 23-2482 | EA | 3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 60.13 | 22.99 |
| | | *For Threaded Fittings, Add* | *5.17* | |
| 23 21 13 23-2483 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 74.06 | 30.37 |
| | | *For Threaded Fittings, Add* | *6.83* | |
| 23 21 13 23-2484 | EA | 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 87.19 | 38.60 |
| | | *For Threaded Fittings, Add* | *8.67* | |
| 23 21 13 23-2485 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 99.03 | 45.98 |
| | | *For Threaded Fittings, Add* | *10.35* | |
| 23 21 13 23-2486 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 125.50 | 57.10 |
| | | *For Threaded Fittings, Add* | *12.83* | |
| 23 21 13 23-2487 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 174.24 | 75.06 |
| | | *For Threaded Fittings, Add* | *16.88* | |
| 23 21 13 23-2488 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 201.76 | 89.17 |
| | | *For Threaded Fittings, Add* | *20.05* | |
| 23 21 13 23-2489 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 264.46 | 118.90 |
| | | *For Threaded Fittings, Add* | *26.73* | |
| 23 21 13 23-2490 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 365.47 | 153.33 |
| | | *For Threaded Fittings, Add* | *34.48* | |
| 23 21 13 23-2491 | EA | 8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 590.92 | 190.12 |
| | | *For Threaded Fittings, Add* | *42.75* | |
| 23 21 13 23-2492 | EA | 10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges | 1,042.86 | 235.66 |
| | | *For Threaded Fittings, Add* | *53.00* | |
| **23 21 13 23-2493** | | **Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2161)* | | |
| | | Note: In place pipe. | | |
| 23 21 13 23-2494 | EA | 1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 5.81 | |
| 23 21 13 23-2495 | EA | 3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 6.27 | |
| 23 21 13 23-2496 | EA | 1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 7.06 | |
| 23 21 13 23-2497 | EA | 1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 7.40 | |
| 23 21 13 23-2498 | EA | 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 7.83 | |
| 23 21 13 23-2499 | EA | 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 8.62 | |
| 23 21 13 23-2500 | EA | 2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 9.29 | |
| 23 21 13 23-2501 | EA | 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 10.97 | |
| 23 21 13 23-2502 | EA | 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 14.80 | |
| 23 21 13 23-2503 | EA | 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 21.15 | |
| 23 21 13 23-2504 | EA | 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 28.21 | |
| 23 21 13 23-2505 | EA | 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe | 34.50 | |
| **23 21 13 23-2506** | | **Polyethylene Pipe And Fittings** *(23 21 13 23)* | | |
| **23 21 13 23-2507** | | **Small Diameter Tubing** *(23 21 13 23-2506)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 13 23-2508 | | Tubing *(23 21 13 23-2507)* | | |
| 23 21 13 23-2509 | LF | 1/4" Polyethylene Tubing | 3.40 | |
| 23 21 13 23-2510 | LF | 5/16" Polyethylene Tubing | 3.62 | |
| 23 21 13 23-2511 | LF | 3/8" Polyethylene Tubing | 3.79 | |
| 23 21 13 23-2512 | LF | 1/2" Polyethylene Tubing | 3.95 | |
| **23 21 16** | | **Hydronic Piping Specialties** *(23 21)* | | |
| 23 21 16 00-0001 | | Vent Valves *(23 21 16)* | | |
| 23 21 16 00-0002 | EA | 1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A) | 75.63 | 17.43 |
| 23 21 16 00-0003 | EA | 1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74) | 178.42 | 18.74 |
| 23 21 16 00-0004 | EA | 1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75) | 170.25 | 18.74 |
| 23 21 16 00-0005 | EA | 1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H) | 175.97 | 18.74 |
| 23 21 16 00-0006 | EA | 3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78) | 226.06 | 18.74 |
| 23 21 16 00-0007 | EA | 1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79) | 168.00 | 18.74 |
| 23 21 16 00-0008 | | Threaded Inlet, Drip-Pan Elbow *(23 21 16)* | | |
| 23 21 16 00-0009 | | Cast Iron, Threaded Inlet, Drip-Pan Elbow *(23 21 16 00-0008)* | | |
| 23 21 16 00-0010 | EA | 2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow | 289.20 | 29.99 |
| | | *For Flanged Inlet, Add* | *115.87* | |
| 23 21 16 00-0011 | EA | 3" Cast Iron, Threaded Inlet, Drip-Pan Elbow | 326.26 | 35.55 |
| | | *For Flanged Inlet, Add* | *124.39* | |
| 23 21 16 00-0012 | EA | 3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow | 412.59 | 41.10 |
| | | *For Flanged Inlet, Add* | *167.82* | |
| 23 21 16 00-0013 | EA | 4" Cast Iron, Threaded Inlet, Drip-Pan Elbow | 622.49 | 46.65 |
| | | *For Flanged Inlet, Add* | *295.27* | |
| 23 21 16 00-0014 | EA | 5" Cast Iron, Threaded Inlet, Drip-Pan Elbow | 702.16 | 55.54 |
| | | *For Flanged Inlet, Add* | *326.40* | |
| 23 21 16 00-0015 | EA | 6" Cast Iron, Threaded Inlet, Drip-Pan Elbow | 979.16 | 69.98 |
| | | *For Flanged Inlet, Add* | *476.99* | |
| 23 21 16 00-0016 | EA | 8" Cast Iron, Threaded Inlet, Drip-Pan Elbow | 2,236.85 | 92.20 |
| | | *For Flanged Inlet, Add* | *1,269.27* | |
| 23 21 16 00-0017 | | Cast Steel, Threaded Inlet, Drip-Pan Elbow *(23 21 16 00-0008)* | | |
| 23 21 16 00-0018 | EA | 2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow | 572.41 | 29.99 |
| | | *For Flanged Inlet, Add* | *308.45* | |
| 23 21 16 00-0019 | EA | 3" Cast Steel, Threaded Inlet, Drip-Pan Elbow | 692.98 | 35.55 |
| | | *For Flanged Inlet, Add* | *373.76* | |
| 23 21 16 00-0020 | EA | 3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow | 984.96 | 41.10 |
| | | *For Flanged Inlet, Add* | *557.03* | |
| 23 21 16 00-0021 | EA | 4" Cast Steel, Threaded Inlet, Drip-Pan Elbow | 1,007.43 | 46.65 |
| | | *For Flanged Inlet, Add* | *557.03* | |
| 23 21 16 00-0022 | EA | 5" Cast Steel, Threaded Inlet, Drip-Pan Elbow | 1,444.36 | 55.54 |
| | | *For Flanged Inlet, Add* | *831.10* | |
| 23 21 16 00-0023 | EA | 6" Cast Steel, Threaded Inlet, Drip-Pan Elbow | 1,499.90 | 69.98 |
| | | *For Flanged Inlet, Add* | *831.10* | |
| 23 21 16 00-0024 | EA | 8" Cast Steel, Threaded Inlet, Drip-Pan Elbow | 2,469.08 | 92.20 |
| | | *For Flanged Inlet, Add* | *1,427.19* | |
| 23 21 16 00-0025 | | Y-Type Strainers *(23 21 16)* | | |
| 23 21 16 00-0026 | | Screwed Ends, 250 LB, Iron Body, Y-Type Strainers *(23 21 16 00-0025)* | | |
| 23 21 16 00-0027 | EA | 1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 79.09 | 13.01 |
| | | *For Galvanized Body, Add* | *20.96* | |
| | | *For Work In Restricted Working Space, Add* | *11.15* | |
| 23 21 16 00-0028 | EA | 1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 79.67 | 13.25 |
| | | *For Galvanized Body, Add* | *20.96* | |
| | | *For Work In Restricted Working Space, Add* | *11.33* | |
| 23 21 16 00-0029 | EA | 3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 101.15 | 17.89 |
| | | *For Galvanized Body, Add* | *25.02* | |
| | | *For Work In Restricted Working Space, Add* | *15.33* | |
| 23 21 16 00-0030 | EA | 1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 128.60 | 21.37 |
| | | *For Galvanized Body, Add* | *33.81* | |
| | | *For Work In Restricted Working Space, Add* | *18.29* | |
| 23 21 16 00-0031 | EA | 1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 168.15 | 26.43 |
| | | *For Galvanized Body, Add* | *46.32* | |
| | | *For Work In Restricted Working Space, Add* | *22.65* | |
| 23 21 16 00-0032 | EA | 1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 192.89 | 28.46 |
| | | *For Galvanized Body, Add* | *55.79* | |
| | | *For Work In Restricted Working Space, Add* | *24.40* | |
| 23 21 16 00-0033 | EA | 2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 264.68 | 32.52 |
| | | *For Galvanized Body, Add* | *85.88* | |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 23 21 16 00-0034 | EA | 2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 502.27 | 40.65 |
| | | *For Galvanized Body, Add* | *193.06* | |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 23 21 16 00-0035 | EA | 3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer | 649.65 | 50.88 |
| | | *For Galvanized Body, Add* | *252.23* | |
| | | *For Work In Restricted Working Space, Add* | *43.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 21 16 00-0036** | | **Flanged, 125 LB, Iron Body , Y-Type Strainers** *(23 21 16 00-0025)* | | |
| 23 21 16 00-0037 | EA | 1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer | 297.77 | 121.97 |
| | | *For Galvanized Body, Add* | *72.47* | |
| | | *For Work In Restricted Working Space, Add* | *45.85* | |
| 23 21 16 00-0038 | EA | 2" Flanged, 125 LB, Iron Body, Y-Type Strainer | 350.44 | 154.85 |
| | | *For Galvanized Body, Add* | *78.42* | |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0039 | EA | 3" Flanged, 125 LB, Iron Body, Y-Type Strainer | 621.04 | 197.48 |
| | | *For Galvanized Body, Add* | *186.95* | |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0040 | EA | 4" Flanged, 125 LB, Iron Body, Y-Type Strainer | 839.16 | 331.06 |
| | | *For Galvanized Body, Add* | *212.15* | |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| 23 21 16 00-0041 | EA | 5" Flanged, 125 LB, Iron Body, Y-Type Strainer | 890.88 | 333.47 |
| | | *For Galvanized Body, Add* | *237.34* | |
| | | *For Work In Restricted Working Space, Add* | *124.86* | |
| 23 21 16 00-0042 | EA | 6" Flanged, 125 LB, Iron Body, Y-Type Strainer | 1,054.34 | 370.52 |
| | | *For Galvanized Body, Add* | *294.77* | |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0043 | EA | 8" Flanged, 125 LB, Iron Body, Y-Type Strainer | 1,749.22 | 473.44 |
| | | *For Galvanized Body, Add* | *580.55* | |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0044 | EA | 10" Flanged, 125 LB, Iron Body, Y-Type Strainer | 3,308.31 | 576.36 |
| | | *For Galvanized Body, Add* | *1,293.93* | |
| | | *For Work In Restricted Working Space, Add* | *216.14* | |
| 23 21 16 00-0045 | EA | 12" Flanged, 125 LB, Iron Body, Y-Type Strainer | 3,720.02 | 514.61 |
| | | *For Galvanized Body, Add* | *1,345.40* | |
| | | *For Work In Restricted Working Space, Add* | *308.77* | |
| **23 21 16 00-0046** | | **Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers** *(23 21 16 00-0025)* | | |
| | | Note: With screwed cap (4" size has bolted cap). | | |
| 23 21 16 00-0047 | EA | 1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 67.29 | 13.25 |
| | | *For 300 LB Rating, Add* | *50.22* | |
| | | *For Work In Restricted Working Space, Add* | *11.33* | |
| 23 21 16 00-0048 | EA | 3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 89.51 | 17.89 |
| | | *For 300 LB Rating, Add* | *65.28* | |
| | | *For Work In Restricted Working Space, Add* | *15.33* | |
| 23 21 16 00-0049 | EA | 1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 109.35 | 21.37 |
| | | *For 300 LB Rating, Add* | *82.23* | |
| | | *For Work In Restricted Working Space, Add* | *18.29* | |
| 23 21 16 00-0050 | EA | 1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 136.07 | 26.43 |
| | | *For 300 LB Rating, Add* | *102.95* | |
| | | *For Work In Restricted Working Space, Add* | *22.65* | |
| 23 21 16 00-0051 | EA | 1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 159.97 | 28.46 |
| | | *For 300 LB Rating, Add* | *133.71* | |
| | | *For Work In Restricted Working Space, Add* | *24.40* | |
| 23 21 16 00-0052 | EA | 2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 220.69 | 32.52 |
| | | *For 300 LB Rating, Add* | *217.19* | |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 23 21 16 00-0053 | EA | 2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 327.01 | 40.65 |
| | | *For 300 LB Rating, Add* | *358.45* | |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 23 21 16 00-0054 | EA | 3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 582.37 | 50.88 |
| | | *For 300 LB Rating, Add* | *743.19* | |
| | | *For Work In Restricted Working Space, Add* | *43.56* | |
| 23 21 16 00-0055 | EA | 4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer | 1,003.91 | 60.98 |
| | | *For 300 LB Rating, Add* | *1,410.44* | |
| | | *For Work In Restricted Working Space, Add* | *52.27* | |
| **23 21 16 00-0056** | | **Flanged, 150 LB, Bronze Body, Y-Type Strainers** *(23 21 16 00-0025)* | | |
| | | Note: With bolted cap. | | |
| 23 21 16 00-0057 | EA | 2" Flanged, 150 LB, Bronze Body, Y-Type Strainer | 560.57 | 154.85 |
| | | *For 300 LB Rating, Add* | *220.18* | |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0058 | EA | 2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer | 585.09 | 168.44 |
| | | *For 300 LB Rating, Add* | *224.33* | |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0059 | EA | 3" Flanged, 150 LB, Bronze Body, Y-Type Strainer | 675.29 | 197.48 |
| | | *For 300 LB Rating, Add* | *256.88* | |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0060 | EA | 4" Flanged, 150 LB, Bronze Body, Y-Type Strainer | 1,455.17 | 331.06 |
| | | *For 300 LB Rating, Add* | *624.18* | |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| 23 21 16 00-0061 | EA | 6" Flanged, 150 LB, Bronze Body, Y-Type Strainer | 2,041.73 | 370.52 |
| | | *For 300 LB Rating, Add* | *946.15* | |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0062 | EA | 8" Flanged, 150 LB, Bronze Body, Y-Type Strainer | 3,279.26 | 473.44 |
| | | *For 300 LB Rating, Add* | *1,614.68* | |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0063 | EA | 10" Flanged, 150 LB, Bronze Body, Y-Type Strainer | 10,379.29 | 576.36 |
| | | *For 300 LB Rating, Add* | *5,795.30* | |
| | | *For Work In Restricted Working Space, Add* | *216.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 23 21 16 00-0064 Cast Iron Body, Suction Diffusers *(23 21 16)*

Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0065 | EA | 2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser | 538.59 | 45.77 |
| | | *For Work In Restricted Working Space, Add* | *22.41* | |
| 23 21 16 00-0066 | EA | 2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser | 565.42 | 50.77 |
| | | *For Work In Restricted Working Space, Add* | *24.89* | |
| 23 21 16 00-0067 | EA | 2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser | 574.25 | 53.31 |
| | | *For Work In Restricted Working Space, Add* | *26.15* | |
| 23 21 16 00-0068 | EA | 2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 1,083.32 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0069 | EA | 3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser | 592.95 | 62.03 |
| | | *For Work In Restricted Working Space, Add* | *30.37* | |
| 23 21 16 00-0070 | EA | 3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser | 671.81 | 62.03 |
| | | *For Work In Restricted Working Space, Add* | *30.37* | |
| 23 21 16 00-0071 | EA | 3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 1,133.77 | 183.34 |
| | | *For Work In Restricted Working Space, Add* | *68.75* | |
| 23 21 16 00-0072 | EA | 3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 1,156.39 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0073 | EA | 4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 1,402.61 | 264.80 |
| | | *For Work In Restricted Working Space, Add* | *99.30* | |
| 23 21 16 00-0074 | EA | 4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 1,648.83 | 331.06 |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| 23 21 16 00-0075 | EA | 6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 1,891.39 | 332.95 |
| | | *For Work In Restricted Working Space, Add* | *124.86* | |
| 23 21 16 00-0076 | EA | 6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 2,287.92 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0077 | EA | 8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 2,582.88 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0078 | EA | 8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 4,016.32 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0079 | EA | 10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 4,584.70 | 576.36 |
| | | *For Work In Restricted Working Space, Add* | *216.14* | |
| 23 21 16 00-0080 | EA | 10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser | 5,368.69 | 576.36 |
| | | *For Work In Restricted Working Space, Add* | *216.14* | |

### 23 21 16 00-0081 Duplex Strainers *(23 21 16)*

### 23 21 16 00-0082 Iron Body, Duplex Strainers *(23 21 16 00-0081)*

### 23 21 16 00-0083 Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0082)*

Note: With brass or stainless steel basket.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0084 | EA | 3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 811.18 | 28.93 |
| | | *For Work In Restricted Working Space, Add* | *17.37* | |
| 23 21 16 00-0085 | EA | 1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 905.86 | 33.11 |
| | | *For Work In Restricted Working Space, Add* | *19.88* | |
| 23 21 16 00-0086 | EA | 1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 1,227.33 | 38.91 |
| | | *For Work In Restricted Working Space, Add* | *23.33* | |
| 23 21 16 00-0087 | EA | 1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 1,544.30 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 23 21 16 00-0088 | EA | 2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 2,069.34 | 51.69 |
| | | *For Work In Restricted Working Space, Add* | *31.12* | |
| 23 21 16 00-0089 | EA | 2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 2,604.12 | 66.21 |
| | | *For Work In Restricted Working Space, Add* | *39.72* | |

### 23 21 16 00-0090 Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0082)*

Note: With brass or stainless steel basket.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0091 | EA | 2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 2,822.27 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0092 | EA | 2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 2,918.34 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0093 | EA | 3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 3,738.96 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0094 | EA | 4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 5,860.32 | 293.32 |
| | | *For Work In Restricted Working Space, Add* | *110.27* | |
| 23 21 16 00-0095 | EA | 6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 11,450.29 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0096 | EA | 8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 21,774.42 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0097 | EA | 10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 30,067.39 | 576.36 |
| | | *For Work In Restricted Working Space, Add* | *216.14* | |
| 23 21 16 00-0098 | EA | 12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 34,096.28 | 726.63 |
| | | *For Work In Restricted Working Space, Add* | *436.11* | |
| 23 21 16 00-0099 | EA | 14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 40,576.97 | 823.38 |
| | | *For Work In Restricted Working Space, Add* | *308.77* | |
| 23 21 16 00-0100 | EA | 16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer | 50,723.76 | 905.71 |
| | | *For Work In Restricted Working Space, Add* | *339.64* | |

### 23 21 16 00-0101 Bronze Body, Duplex Strainers *(23 21 16 00-0081)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 16 00-0102 | | Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0101)* | | |
| | | Note: With brass or stainless steel basket. | | |
| 23 21 16 00-0103 | EA | 3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer | 1,509.54 | 29.04 |
| | | *For Work In Restricted Working Space, Add* | *17.37* | |
| 23 21 16 00-0104 | EA | 1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer | 1,674.85 | 33.11 |
| | | *For Work In Restricted Working Space, Add* | *19.88* | |
| 23 21 16 00-0105 | EA | 1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer | 2,451.43 | 38.91 |
| | | *For Work In Restricted Working Space, Add* | *23.33* | |
| 23 21 16 00-0106 | EA | 1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer | 3,223.51 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 23 21 16 00-0107 | EA | 2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer | 4,164.43 | 51.69 |
| | | *For Work In Restricted Working Space, Add* | *31.12* | |
| 23 21 16 00-0108 | EA | 2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer | 5,115.09 | 66.21 |
| | | *For Work In Restricted Working Space, Add* | *39.72* | |
| 23 21 16 00-0109 | | Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0101)* | | |
| | | Note: With brass or stainless steel basket. | | |
| 23 21 16 00-0110 | EA | 2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer | 5,843.28 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0111 | EA | 2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer | 6,017.81 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0112 | EA | 3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer | 8,250.86 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0113 | EA | 4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer | 13,000.89 | 293.32 |
| | | *For Work In Restricted Working Space, Add* | *110.27* | |
| 23 21 16 00-0114 | EA | 6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer | 28,242.39 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0115 | | Cast Steel Body, Duplex Strainers *(23 21 16 00-0081)* | | |
| 23 21 16 00-0116 | | Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0115)* | | |
| | | Note: With brass or stainless steel basket. | | |
| 23 21 16 00-0117 | EA | 1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 2,351.07 | 33.11 |
| | | *For Work In Restricted Working Space, Add* | *19.88* | |
| 23 21 16 00-0118 | EA | 1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 2,895.69 | 38.91 |
| | | *For Work In Restricted Working Space, Add* | *23.33* | |
| 23 21 16 00-0119 | EA | 1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 3,435.84 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 23 21 16 00-0120 | EA | 2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 5,815.71 | 51.69 |
| | | *For Work In Restricted Working Space, Add* | *31.12* | |
| 23 21 16 00-0121 | | Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0115)* | | |
| | | Note: With brass or stainless steel basket. | | |
| 23 21 16 00-0122 | EA | 2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 5,943.67 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0123 | EA | 2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 6,532.47 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0124 | EA | 3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 8,586.66 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0125 | EA | 4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 12,591.24 | 293.32 |
| | | *For Work In Restricted Working Space, Add* | *110.27* | |
| 23 21 16 00-0126 | EA | 6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 21,484.94 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0127 | EA | 8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer | 41,866.78 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0128 | | Stainless Steel Body, Duplex Strainers *(23 21 16 00-0081)* | | |
| 23 21 16 00-0129 | | Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0128)* | | |
| | | Note: With stainless steel basket. | | |
| 23 21 16 00-0130 | EA | 1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 4,656.48 | 33.11 |
| | | *For Work In Restricted Working Space, Add* | *19.88* | |
| 23 21 16 00-0131 | EA | 1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 5,883.53 | 38.91 |
| | | *For Work In Restricted Working Space, Add* | *23.33* | |
| 23 21 16 00-0132 | EA | 1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 7,097.63 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 23 21 16 00-0133 | EA | 2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 11,366.73 | 51.69 |
| | | *For Work In Restricted Working Space, Add* | *31.12* | |
| 23 21 16 00-0134 | | Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0128)* | | |
| | | Note: With stainless steel basket. | | |
| 23 21 16 00-0135 | EA | 2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 11,924.13 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0136 | EA | 2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 12,536.76 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 16 00-0137 | EA | 3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 19,628.03 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0138 | EA | 4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 23,998.66 | 293.32 |
| | | *For Work In Restricted Working Space, Add* | *110.27* | |
| 23 21 16 00-0139 | EA | 6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 42,116.71 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0140 | EA | 8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer | 77,771.65 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0141 | | Pressure Regulating Valve *(23 21 16)* | | |
| 23 21 16 00-0142 | | Screwed Ends, Iron Body, Water Pressure Reducing Valves *(23 21 16 00-0141)* | | |
| | | Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating | | |
| 23 21 16 00-0143 | EA | 1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve | 221.70 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *17.42* | |
| 23 21 16 00-0144 | EA | 3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve | 273.08 | 16.26 |
| | | *For Work In Restricted Working Space, Add* | *19.35* | |
| 23 21 16 00-0145 | EA | 1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve | 359.09 | 17.42 |
| | | *For Work In Restricted Working Space, Add* | *20.49* | |
| 23 21 16 00-0146 | EA | 1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve | 614.91 | 19.50 |
| | | *For Work In Restricted Working Space, Add* | *23.22* | |
| 23 21 16 00-0147 | EA | 1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve | 834.36 | 23.22 |
| | | *For Work In Restricted Working Space, Add* | *27.87* | |
| 23 21 16 00-0148 | EA | 2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve | 1,195.86 | 35.61 |
| | | *For Work In Restricted Working Space, Add* | *42.77* | |
| 23 21 16 00-0149 | EA | 2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve | 1,300.97 | 40.09 |
| | | *For Work In Restricted Working Space, Add* | *48.12* | |
| 23 21 16 00-0150 | EA | 3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve | 1,429.54 | 116.02 |
| | | *For Work In Restricted Working Space, Add* | *53.46* | |
| 23 21 16 00-0151 | | Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0141)* | | |
| | | Note: Single seated, spring loaded, direct acting diaphragm valve. | | |
| 23 21 16 00-0152 | | Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0151)* | | |
| 23 21 16 00-0153 | EA | 1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 372.67 | 19.51 |
| | | *For Work In Restricted Working Space, Add* | *23.39* | |
| 23 21 16 00-0154 | EA | 3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 467.16 | 27.65 |
| | | *For Work In Restricted Working Space, Add* | *33.19* | |
| 23 21 16 00-0155 | EA | 1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 600.21 | 33.68 |
| | | *For Work In Restricted Working Space, Add* | *40.52* | |
| 23 21 16 00-0156 | EA | 1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 802.22 | 40.89 |
| | | *For Work In Restricted Working Space, Add* | *47.09* | |
| 23 21 16 00-0157 | EA | 1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 1,075.73 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *53.61* | |
| 23 21 16 00-0158 | EA | 2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 1,263.73 | 66.65 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 23 21 16 00-0159 | | Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0151)* | | |
| | | Note: Single seated, spring loaded, direct acting diaphragm valve. | | |
| 23 21 16 00-0160 | EA | 2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 2,894.41 | 161.07 |
| | | *For Work In Restricted Working Space, Add* | *60.59* | |
| 23 21 16 00-0161 | EA | 3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 3,598.12 | 188.84 |
| | | *For Work In Restricted Working Space, Add* | *70.90* | |
| 23 21 16 00-0162 | EA | 4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 4,633.77 | 316.58 |
| | | *For Work In Restricted Working Space, Add* | *119.02* | |
| 23 21 16 00-0163 | EA | 6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer | 11,469.28 | 346.10 |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |
| 23 21 16 00-0164 | | Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0141)* | | |
| 23 21 16 00-0165 | | Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0164)* | | |
| 23 21 16 00-0166 | EA | 1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 2,091.35 | 14.17 |
| | | *For Work In Restricted Working Space, Add* | *21.26* | |
| 23 21 16 00-0167 | EA | 3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 2,135.16 | 14.17 |
| | | *For Work In Restricted Working Space, Add* | *21.26* | |
| 23 21 16 00-0168 | EA | 1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 2,275.47 | 17.89 |
| | | *For Work In Restricted Working Space, Add* | *26.84* | |
| 23 21 16 00-0169 | EA | 1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 2,674.74 | 22.76 |
| | | *For Work In Restricted Working Space, Add* | *34.15* | |
| 23 21 16 00-0170 | EA | 1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 3,062.18 | 26.25 |
| | | *For Work In Restricted Working Space, Add* | *39.38* | |
| 23 21 16 00-0171 | EA | 2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 3,796.25 | 30.90 |
| | | *For Work In Restricted Working Space, Add* | *46.35* | |
| 23 21 16 00-0172 | | Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0164)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 16 00-0173 | EA | 2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 4,695.71 | 161.07 |
| | | *For Work In Restricted Working Space, Add* | *60.59* | |
| 23 21 16 00-0174 | EA | 3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 5,791.46 | 188.84 |
| | | *For Work In Restricted Working Space, Add* | *70.90* | |
| 23 21 16 00-0175 | EA | 4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 8,775.65 | 316.58 |
| | | *For Work In Restricted Working Space, Add* | *119.02* | |
| 23 21 16 00-0176 | EA | 6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve | 19,232.00 | 346.10 |
| | | *For Work In Restricted Working Space, Add* | *130.25* | |

## 23 21 16 00-0177 Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves *(23 21 16 00-0141)*

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0178 | EA | 1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve | 248.61 | 15.09 |
| 23 21 16 00-0179 | EA | 3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve | 307.37 | 16.72 |
| 23 21 16 00-0180 | EA | 1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve | 406.91 | 17.76 |
| 23 21 16 00-0181 | EA | 1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve | 703.29 | 20.21 |
| 23 21 16 00-0182 | EA | 1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve | 956.24 | 24.15 |
| 23 21 16 00-0183 | EA | 2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve | 1,369.05 | 37.00 |
| 23 21 16 00-0184 | EA | 2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve | 1,483.16 | 40.31 |
| 23 21 16 00-0185 | EA | 3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve | 1,635.29 | 46.41 |

## 23 21 16 00-0186 Screwed Ends, Bronze Body, Water Pressure Reducing Valves *(23 21 16 00-0141)*

Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0187 | EA | 1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve | 188.78 | 14.52 |
| 23 21 16 00-0188 | EA | 3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve | 207.49 | 16.26 |
| 23 21 16 00-0189 | EA | 1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve | 257.30 | 18.00 |
| 23 21 16 00-0190 | EA | 1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve | 605.97 | 19.50 |
| 23 21 16 00-0191 | EA | 1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve | 657.19 | 23.22 |
| 23 21 16 00-0192 | EA | 2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve | 1,032.56 | 35.61 |

## 23 21 16 00-0193 Dual Unit Reducing And Relief Valve *(23 21 16)*

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0194 | EA | 1/2" Dual Unit Reducing And Relief Valve | 213.36 | 35.43 |

## 23 21 16 00-0195 Safety Relief Valve *(23 21 16)*

Note: Used in water heater and hot water storage tank applications.

## 23 21 16 00-0196 Threaded Inlet, Bronze Body Safety Valves *(23 21 16 00-0195)*

Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0197 | EA | 1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve | 80.68 | 14.52 |
| 23 21 16 00-0198 | EA | 3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve | 111.51 | 15.97 |
| 23 21 16 00-0199 | EA | 1" x 1" Threaded Inlet, Bronze Body Safety Valve | 160.83 | 19.45 |
| 23 21 16 00-0200 | EA | 1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve | 207.67 | 20.61 |
| 23 21 16 00-0201 | EA | 1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve | 285.90 | 27.58 |
| 23 21 16 00-0202 | EA | 2" x 2" Threaded Inlet, Bronze Body Safety Valve | 383.23 | 32.51 |
| 23 21 16 00-0203 | EA | 2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve | 434.80 | 40.64 |

## 23 21 16 00-0204 Threaded, Bronze Body, Temperature And Pressure Relief Valves *(23 21 16)*

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0205 | EA | 1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve | 90.26 | 29.61 |
| | | *For Cast Iron Body, Add* | *52.35* | |
| 23 21 16 00-0206 | EA | 3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve | 116.40 | 35.53 |
| | | *For Cast Iron Body, Add* | *72.93* | |
| 23 21 16 00-0207 | EA | 1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve | 170.33 | 47.37 |
| | | *For Cast Iron Body, Add* | *116.15* | |
| 23 21 16 00-0208 | EA | 1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve | 280.42 | 50.75 |
| | | *For Cast Iron Body, Add* | *246.85* | |
| 23 21 16 00-0209 | EA | 1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve | 470.63 | 56.90 |
| | | *For Cast Iron Body, Add* | *472.21* | |
| 23 21 16 00-0210 | EA | 2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve | 545.02 | 81.80 |
| | | *For Cast Iron Body, Add* | *514.20* | |

## 23 21 16 00-0211 Horizontal Steel Expansion Tanks *(23 21 16)*

Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0212 | EA | 10 Gallon Horizontal Steel Expansion Tank | 660.44 | 116.16 |
| 23 21 16 00-0213 | EA | 15 Gallon Horizontal Steel Expansion Tank | 932.58 | 145.20 |
| 23 21 16 00-0214 | EA | 30 Gallon Horizontal Steel Expansion Tank | 1,220.80 | 174.24 |
| 23 21 16 00-0215 | EA | 40 Gallon Horizontal Steel Expansion Tank | 1,405.50 | 203.28 |
| 23 21 16 00-0216 | EA | 60 Gallon Horizontal Steel Expansion Tank | 1,614.40 | 205.84 |

## 23 21 16 00-0217 Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX)

*(23 21 16)*

Note: ASME. Precharged with working pressure 125 psi

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0218 | EA | 8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 1,813.60 | 87.12 |
| 23 21 16 00-0219 | EA | 11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 1,871.69 | 101.64 |
| 23 21 16 00-0220 | EA | 22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 2,680.47 | 116.16 |
| 23 21 16 00-0221 | EA | 34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 2,862.06 | 130.68 |
| 23 21 16 00-0222 | EA | 44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 3,639.34 | 145.20 |
| 23 21 16 00-0223 | EA | 56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 3,828.20 | 159.72 |
| 23 21 16 00-0224 | EA | 67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 4,668.45 | 174.24 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 16 00-0225 | EA | 77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 5,046.18 | 188.76 |
| 23 21 16 00-0226 | EA | 91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 5,581.32 | 203.28 |
| 23 21 16 00-0227 | EA | 111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 5,719.30 | 232.33 |
| 23 21 16 00-0228 | EA | 132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 7,036.56 | 261.37 |
| 23 21 16 00-0229 | EA | 158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 8,164.94 | 290.41 |
| 23 21 16 00-0230 | EA | 211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank | 9,404.68 | 348.49 |
| **23 21 16 00-0231** | | **Diaphragm Type (Residential Style) Steel Expansion Tanks** *(23 21 16)* | | |
| 23 21 16 00-0232 | EA | 2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1) | 92.93 | 10.69 |
| 23 21 16 00-0233 | EA | 4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1) | 132.37 | 10.69 |
| **23 21 16 00-0234** | | **Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks** *(23 21 16)* | | |
| 23 21 16 00-0235 | EA | 15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 1,101.02 | 348.60 |
| 23 21 16 00-0236 | EA | 20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 1,142.10 | 348.60 |
| 23 21 16 00-0237 | EA | 30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 1,183.18 | 348.60 |
| 23 21 16 00-0238 | EA | 40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 1,289.97 | 348.60 |
| 23 21 16 00-0239 | EA | 47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 1,558.85 | 464.53 |
| 23 21 16 00-0240 | EA | 60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 1,804.87 | 464.77 |
| 23 21 16 00-0241 | EA | 80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 1,853.67 | 464.77 |
| 23 21 16 00-0242 | EA | 87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 1,902.46 | 464.77 |
| 23 21 16 00-0243 | EA | 120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 2,416.88 | 580.80 |
| 23 21 16 00-0244 | EA | 187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 6,553.80 | 580.80 |
| 23 21 16 00-0245 | EA | 264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank | 8,320.40 | 696.74 |
| **23 21 16 00-0246** | | **ASME Construction Compression Tanks** *(23 21 16)*<br>Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.<br>See CSI section 22 12 00 00-0000 for other tanks. | | |
| 23 21 16 00-0247 | EA | 15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank | 1,125.47 | 204.45 |
| | | *For Galvanized Steel Tanks, Add* | *407.85* | |
| 23 21 16 00-0248 | EA | 24 Gallon, 13" x 51" ASME Construction Compression Tank | 1,147.17 | 210.25 |
| | | *For Galvanized Steel Tanks, Add* | *413.86* | |
| 23 21 16 00-0249 | EA | 30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank | 1,253.58 | 217.22 |
| | | *For Galvanized Steel Tanks, Add* | *461.84* | |
| 23 21 16 00-0250 | EA | 40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank | 1,374.30 | 225.36 |
| | | *For Galvanized Steel Tanks, Add* | *515.82* | |
| 23 21 16 00-0251 | EA | 60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank | 1,607.65 | 238.13 |
| | | *For Galvanized Steel Tanks, Add* | *623.78* | |
| 23 21 16 00-0252 | EA | 80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank | 1,670.25 | 247.43 |
| | | *For Galvanized Steel Tanks, Add* | *647.77* | |
| 23 21 16 00-0253 | EA | 100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank | 2,074.99 | 269.50 |
| | | *For Galvanized Steel Tanks, Add* | *833.71* | |
| 23 21 16 00-0254 | EA | 120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank | 2,261.68 | 289.24 |
| | | *For Galvanized Steel Tanks, Add* | *911.67* | |
| 23 21 16 00-0255 | EA | 144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank | 2,820.42 | 326.42 |
| | | *For Galvanized Steel Tanks, Add* | *1,163.06* | |
| 23 21 16 00-0256 | EA | 180 Gallon, 30" x 60" ASME Construction Compression Tank | 3,589.55 | 374.04 |
| | | *For Galvanized Steel Tanks, Add* | *1,511.46* | |
| 23 21 16 00-0257 | EA | 202 Gallon, 30" x 72" ASME Construction Compression Tank | 4,306.07 | 414.69 |
| | | *For Galvanized Steel Tanks, Add* | *1,839.09* | |
| 23 21 16 00-0258 | EA | 230 Gallon, 30" x 84" ASME Construction Compression Tank | 4,709.35 | 450.70 |
| | | *For Galvanized Steel Tanks, Add* | *2,013.03* | |
| 23 21 16 00-0259 | EA | 280 Gallon, 30" x 96" ASME Construction Compression Tank | 5,963.04 | 494.84 |
| | | *For Galvanized Steel Tanks, Add* | *2,606.81* | |
| 23 21 16 00-0260 | EA | 306 Gallon, 30" x 108" ASME Construction Compression Tank | 6,148.79 | 528.54 |
| | | *For Galvanized Steel Tanks, Add* | *2,673.84* | |
| 23 21 16 00-0261 | EA | 340 Gallon, 36" x 84" ASME Construction Compression Tank | 7,944.60 | 568.03 |
| | | *For Galvanized Steel Tanks, Add* | *3,542.08* | |
| 23 21 16 00-0262 | EA | 550 Gallon, 36" x 96" ASME Construction Compression Tank | 13,283.78 | 666.76 |
| | | *For Galvanized Steel Tanks, Add* | *6,136.84* | |
| **23 21 16 00-0263** | | **Compression Tank Air Fittings** *(23 21 16)* | | |
| 23 21 16 00-0264 | EA | 9" To 24" Diameter Compression Tank Air Fittings | 201.43 | 32.52 |
| 23 21 16 00-0265 | EA | >100 Gallon Compression Tank Air Fittings | 637.10 | 38.34 |
| **23 21 16 00-0266** | | **Vortex Air Separators With Strainer** *(23 21 16)*<br>Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types. | | |
| 23 21 16 00-0267 | EA | 2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N) | 1,285.49 | 247.43 |
| | | *For 300 PSIG, Add* | *136.62* | |
| 23 21 16 00-0268 | EA | 2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N) | 1,583.52 | 283.44 |
| | | *For 300 PSIG, Add* | *172.99* | |
| 23 21 16 00-0269 | EA | 3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N) | 2,402.05 | 333.39 |
| | | *For 300 PSIG, Add* | *284.55* | |
| 23 21 16 00-0270 | EA | 3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F) | 2,566.64 | 353.05 |
| | | *For 300 PSIG, Add* | *304.76* | |
| 23 21 16 00-0271 | EA | 4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F) | 3,316.20 | 470.73 |
| | | *For 300 PSIG, Add* | *390.45* | |
| 23 21 16 00-0272 | EA | 5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F) | 4,172.73 | 559.90 |
| | | *For 300 PSIG, Add* | *498.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 16 00-0273 | EA | 6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F) | 4,943.22 | 634.00 |
| | | *For 300 PSIG, Add* | *597.39* | |
| 23 21 16 00-0274 | EA | 8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F) | 7,070.07 | 760.60 |
| | | *For 300 PSIG, Add* | *887.60* | |
| 23 21 16 00-0275 | EA | 10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F) | 10,805.69 | 864.55 |
| | | *For 300 PSIG, Add* | *1,424.37* | |
| 23 21 16 00-0276 | EA | 12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F) | 14,563.93 | 1,118.77 |
| | | *For 300 PSIG, Add* | *1,930.31* | |

### 23 21 16 00-0277 Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0278 | EA | 2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N) | 1,107.65 | 247.43 |
| | | *For 300 PSIG, Add* | *109.94* | |
| 23 21 16 00-0279 | EA | 2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N) | 1,389.51 | 283.44 |
| | | *For 300 PSIG, Add* | *143.89* | |
| 23 21 16 00-0280 | EA | 3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N) | 2,353.55 | 333.39 |
| | | *For 300 PSIG, Add* | *277.28* | |
| 23 21 16 00-0281 | EA | 3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F) | 2,140.89 | 353.05 |
| | | *For 300 PSIG, Add* | *240.90* | |
| 23 21 16 00-0282 | EA | 4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F) | 2,868.90 | 470.73 |
| | | *For 300 PSIG, Add* | *323.35* | |
| 23 21 16 00-0283 | EA | 5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F) | 3,703.87 | 559.90 |
| | | *For 300 PSIG, Add* | *428.44* | |
| 23 21 16 00-0284 | EA | 6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F) | 4,307.29 | 634.00 |
| | | *For 300 PSIG, Add* | *502.00* | |
| 23 21 16 00-0285 | EA | 8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F) | 5,711.99 | 760.60 |
| | | *For 300 PSIG, Add* | *683.89* | |
| 23 21 16 00-0286 | EA | 10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F) | 7,900.91 | 864.55 |
| | | *For 300 PSIG, Add* | *988.65* | |
| 23 21 16 00-0287 | EA | 12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F) | 12,123.29 | 1,118.77 |
| | | *For 300 PSIG, Add* | *1,564.22* | |

### 23 21 16 00-0288 Grooved, With Strainer, Vortex Air Separators *(23 21 16)*

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0289 | EA | 3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G) | 2,244.10 | 282.43 |
| 23 21 16 00-0290 | EA | 4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G) | 3,173.20 | 376.35 |
| 23 21 16 00-0291 | EA | 5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G) | 4,003.19 | 447.50 |
| 23 21 16 00-0292 | EA | 6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G) | 4,751.03 | 507.20 |
| 23 21 16 00-0293 | EA | 8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G) | 6,828.74 | 608.64 |
| 23 21 16 00-0294 | EA | 10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G) | 10,964.04 | 691.64 |
| 23 21 16 00-0295 | EA | 12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G) | 16,653.20 | 895.11 |

### 23 21 16 00-0296 Grooved Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0297 | EA | 3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G) | 1,802.19 | 282.43 |
| 23 21 16 00-0298 | EA | 4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G) | 2,725.90 | 376.35 |
| 23 21 16 00-0299 | EA | 5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G) | 3,534.33 | 447.50 |
| 23 21 16 00-0300 | EA | 6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G) | 4,115.10 | 507.20 |
| 23 21 16 00-0301 | EA | 8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G) | 5,481.44 | 608.64 |
| 23 21 16 00-0302 | EA | 10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G) | 8,016.15 | 691.64 |
| 23 21 16 00-0303 | EA | 12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G) | 13,253.61 | 895.11 |

### 23 21 16 00-0304 Swivel Joints *(23 21 16)*

### 23 21 16 00-0305 Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) *(23 21 16 00-0304)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0306 | EA | 1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) | 327.31 | 30.55 |
| 23 21 16 00-0307 | EA | 1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) | 470.46 | 44.72 |
| 23 21 16 00-0308 | EA | 2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) | 657.59 | 52.28 |
| 23 21 16 00-0309 | EA | 3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) | 982.96 | 89.45 |
| 23 21 16 00-0310 | EA | 3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) | 1,242.98 | 123.54 |
| 23 21 16 00-0311 | EA | 4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) | 1,592.65 | 331.06 |
| 23 21 16 00-0312 | EA | 6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) | 2,931.31 | 418.18 |

### 23 21 16 00-0313 Basket Strainers *(23 21 16)*

### 23 21 16 00-0314 Bronze Body Basket Strainers *(23 21 16 00-0313)*

### 23 21 16 00-0315 Screwed Ends, Bronze Body Basket Strainers *(23 21 16 00-0314)*

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0316 | EA | 1/2" Screwed Ends, Bronze Body Basket Strainer | 286.20 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.83* | |
| 23 21 16 00-0317 | EA | 3/4" Screwed Ends, Bronze Body Basket Strainer | 338.21 | 27.30 |
| | | *For Work In Restricted Working Space, Add* | *16.25* | |
| 23 21 16 00-0318 | EA | 1" Screwed Ends, Bronze Body Basket Strainer | 392.54 | 32.52 |
| | | *For Work In Restricted Working Space, Add* | *19.36* | |
| 23 21 16 00-0319 | EA | 1-1/4" Screwed Ends, Bronze Body Basket Strainer | 487.83 | 36.01 |
| | | *For Work In Restricted Working Space, Add* | *21.59* | |
| 23 21 16 00-0320 | EA | 1-1/2" Screwed Ends, Bronze Body Basket Strainer | 575.59 | 40.65 |
| | | *For Work In Restricted Working Space, Add* | *24.37* | |
| 23 21 16 00-0321 | EA | 2" Screwed Ends, Bronze Body Basket Strainer | 854.16 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.91* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 16 00-0322 | EA | 2-1/2" Screwed Ends, Bronze Body Basket Strainer | 1,207.46 | 62.15 |
| | | *For Work In Restricted Working Space, Add* | *37.38* | |
| 23 21 16 00-0323 | EA | 3" Screwed Ends, Bronze Body Basket Strainer | 1,693.66 | 66.21 |
| | | *For Work In Restricted Working Space, Add* | *39.65* | |
| 23 21 16 00-0324 | | Flanged, Bronze Body Basket Strainers *(23 21 16 00-0314)* | | |
| 23 21 16 00-0325 | EA | 2" Flanged, Bronze Body Basket Strainer | 1,347.08 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0326 | EA | 2-1/2" Flanged, Bronze Body Basket Strainer | 2,015.96 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0327 | EA | 3" Flanged, Bronze Body Basket Strainer | 2,287.31 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0328 | EA | 4" Flanged, Bronze Body Basket Strainer | 3,867.45 | 331.06 |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| 23 21 16 00-0329 | EA | 6" Flanged, Bronze Body Basket Strainer | 7,291.50 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0330 | EA | 8" Flanged, Bronze Body Basket Strainer | 13,260.67 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0331 | | Iron Body Basket Strainers *(23 21 16 00-0313)* | | |
| 23 21 16 00-0332 | | Screwed Ends, Iron Body Basket Strainers *(23 21 16 00-0331)* | | |
| 23 21 16 00-0333 | EA | 1/2" Screwed Ends, Iron Body Basket Strainer | 359.34 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.83* | |
| 23 21 16 00-0334 | EA | 3/4" Screwed Ends, Iron Body Basket Strainer | 404.77 | 27.30 |
| | | *For Work In Restricted Working Space, Add* | *16.25* | |
| 23 21 16 00-0335 | EA | 1" Screwed Ends, Iron Body Basket Strainer | 478.37 | 32.52 |
| | | *For Work In Restricted Working Space, Add* | *19.36* | |
| 23 21 16 00-0336 | EA | 1-1/4" Screwed Ends, Iron Body Basket Strainer | 626.60 | 36.01 |
| | | *For Work In Restricted Working Space, Add* | *21.59* | |
| 23 21 16 00-0337 | EA | 1-1/2" Screwed Ends, Iron Body Basket Strainer | 687.62 | 40.65 |
| | | *For Work In Restricted Working Space, Add* | *24.37* | |
| 23 21 16 00-0338 | EA | 2" Screwed Ends, Iron Body Basket Strainer | 817.23 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.91* | |
| 23 21 16 00-0339 | EA | 2-1/2" Screwed Ends, Iron Body Basket Strainer | 1,159.19 | 62.15 |
| | | *For Work In Restricted Working Space, Add* | *37.38* | |
| 23 21 16 00-0340 | EA | 3" Screwed Ends, Iron Body Basket Strainer | 1,310.43 | 66.21 |
| | | *For Work In Restricted Working Space, Add* | *39.65* | |
| 23 21 16 00-0341 | | Flanged, Iron Body Basket Strainers *(23 21 16 00-0331)* | | |
| 23 21 16 00-0342 | EA | 2" Flanged, Iron Body Basket Strainer | 819.16 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0343 | EA | 2-1/2" Flanged, Iron Body Basket Strainer | 1,054.35 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0344 | EA | 3" Flanged, Iron Body Basket Strainer | 1,144.69 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0345 | EA | 4" Flanged, Iron Body Basket Strainer | 1,765.72 | 331.06 |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| 23 21 16 00-0346 | EA | 6" Flanged, Iron Body Basket Strainer | 3,093.98 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0347 | EA | 8" Flanged, Iron Body Basket Strainer | 5,438.49 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |
| 23 21 16 00-0348 | EA | 10" Flanged, Iron Body Basket Strainer | 8,018.66 | 576.36 |
| | | *For Work In Restricted Working Space, Add* | *216.14* | |
| 23 21 16 00-0349 | EA | 12" Flanged, Iron Body Basket Strainer | 10,111.24 | 726.63 |
| | | *For Work In Restricted Working Space, Add* | *435.93* | |
| 23 21 16 00-0350 | EA | 14" Flanged, Iron Body Basket Strainer | 11,953.87 | 823.38 |
| | | *For Work In Restricted Working Space, Add* | *308.77* | |
| 23 21 16 00-0351 | EA | 16" Flanged, Iron Body Basket Strainer | 12,555.43 | 905.71 |
| | | *For Work In Restricted Working Space, Add* | *339.64* | |
| 23 21 16 00-0352 | | Cast Steel Body Basket Strainers *(23 21 16 00-0313)* | | |
| 23 21 16 00-0353 | | Screwed Ends, Cast Steel Body Basket Strainers *(23 21 16 00-0352)* | | |
| 23 21 16 00-0354 | EA | 1" Screwed Ends, Cast Steel Body Basket Strainer | 772.66 | 32.52 |
| | | *For Work In Restricted Working Space, Add* | *19.36* | |
| 23 21 16 00-0355 | EA | 1-1/4" Screwed Ends, Cast Steel Body Basket Strainer | 1,017.11 | 36.01 |
| | | *For Work In Restricted Working Space, Add* | *21.59* | |
| 23 21 16 00-0356 | EA | 1-1/2" Screwed Ends, Cast Steel Body Basket Strainer | 1,146.39 | 40.65 |
| | | *For Work In Restricted Working Space, Add* | *24.36* | |
| 23 21 16 00-0357 | EA | 2" Screwed Ends, Cast Steel Body Basket Strainer | 1,608.27 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.91* | |
| 23 21 16 00-0358 | EA | 2-1/2" Screwed Ends, Cast Steel Body Basket Strainer | 2,254.94 | 62.15 |
| | | *For Work In Restricted Working Space, Add* | *37.37* | |
| 23 21 16 00-0359 | EA | 3" Screwed Ends, Cast Steel Body Basket Strainer | 2,922.64 | 66.21 |
| | | *For Work In Restricted Working Space, Add* | *39.65* | |
| 23 21 16 00-0360 | | Flanged, Cast Steel Body Basket Strainers *(23 21 16 00-0352)* | | |
| 23 21 16 00-0361 | EA | 2" Flanged, Cast Steel Body Basket Strainer | 2,398.97 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 16 00-0362 | EA | 2-1/2" Flanged, Cast Steel Body Basket Strainer | 3,436.74 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0363 | EA | 3" Flanged, Cast Steel Body Basket Strainer | 3,772.74 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0364 | EA | 4" Flanged, Cast Steel Body Basket Strainer | 5,365.69 | 331.06 |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| 23 21 16 00-0365 | EA | 6" Flanged, Cast Steel Body Basket Strainer | 9,391.30 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0366 | EA | 8" Flanged, Cast Steel Body Basket Strainer | 15,215.57 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |

### 23 21 16 00-0367 Stainless Steel Body Basket Strainers *(23 21 16 00-0313)*

### 23 21 16 00-0368 Screwed Ends, Stainless Steel Body Basket Strainers *(23 21 16 00-0367)*

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0369 | EA | 1" Screwed Ends, Stainless Steel Body Basket Strainer | 502.38 | 32.52 |
| | | *For Work In Restricted Working Space, Add* | *19.36* | |
| 23 21 16 00-0370 | EA | 1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer | 720.04 | 36.01 |
| | | *For Work In Restricted Working Space, Add* | *21.59* | |
| 23 21 16 00-0371 | EA | 1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer | 744.47 | 40.65 |
| | | *For Work In Restricted Working Space, Add* | *24.36* | |
| 23 21 16 00-0372 | EA | 2" Screwed Ends, Stainless Steel Body Basket Strainer | 1,096.58 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.91* | |
| 23 21 16 00-0373 | EA | 2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer | 1,548.64 | 62.15 |
| | | *For Work In Restricted Working Space, Add* | *37.37* | |
| 23 21 16 00-0374 | EA | 3" Screwed Ends, Stainless Steel Body Basket Strainer | 2,180.48 | 66.21 |
| | | *For Work In Restricted Working Space, Add* | *39.65* | |

### 23 21 16 00-0375 Flanged, Stainless Steel Body Basket Strainers *(23 21 16 00-0367)*

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0376 | EA | 2" Flanged, Stainless Steel Body Basket Strainer | 1,687.02 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 21 16 00-0377 | EA | 2-1/2" Flanged, Stainless Steel Body Basket Strainer | 2,536.94 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| 23 21 16 00-0378 | EA | 3" Flanged, Stainless Steel Body Basket Strainer | 2,874.18 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 23 21 16 00-0379 | EA | 4" Flanged, Stainless Steel Body Basket Strainer | 4,858.28 | 331.06 |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| 23 21 16 00-0380 | EA | 6" Flanged, Stainless Steel Body Basket Strainer | 7,400.86 | 370.52 |
| | | *For Work In Restricted Working Space, Add* | *139.44* | |
| 23 21 16 00-0381 | EA | 8" Flanged, Stainless Steel Body Basket Strainer | 12,812.91 | 473.44 |
| | | *For Work In Restricted Working Space, Add* | *176.44* | |

### 23 21 16 00-0382 Air Vents *(23 21 16)*

### 23 21 16 00-0383 Screwed Ends, Cast Iron, Automatic Air Vents *(23 21 16 00-0382)*

Note: With guided free floating lever.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0384 | EA | 1/2" NPT, Cast Iron, Automatic Air Vent | 383.62 | 33.68 |
| 23 21 16 00-0385 | EA | 3/4" NPT, Cast Iron, Automatic Air Vent | 468.19 | 44.72 |
| 23 21 16 00-0386 | EA | 1" NPT, Cast Iron, Automatic Air Vent | 1,095.65 | 46.47 |
| 23 21 16 00-0387 | EA | 1-1/4" NPT, Cast Iron, Automatic Air Vent | 1,623.24 | 71.79 |
| 23 21 16 00-0388 | EA | 1-1/2" NPT, Cast Iron, Automatic Air Vent | 2,728.23 | 77.25 |
| 23 21 16 00-0389 | EA | 2" NPT, Cast Iron, Automatic Air Vent | 3,125.94 | 101.88 |

### 23 21 16 00-0390 Forged Steel, Stainless Steel Internals, Automatic Air Vents *(23 21 16 00-0382)*

Note: With guided free floating lever.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0391 | EA | 1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent | 1,930.11 | 38.91 |
| 23 21 16 00-0392 | EA | 3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent | 2,418.63 | 44.72 |
| 23 21 16 00-0393 | EA | 1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent | 2,885.36 | 46.47 |
| 23 21 16 00-0394 | EA | 1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent | 4,733.76 | 72.02 |
| 23 21 16 00-0395 | EA | 1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent | 5,466.84 | 77.25 |
| 23 21 16 00-0396 | EA | 2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent | 8,035.99 | 101.64 |

### 23 21 16 00-0397 Manual Air Vent Bleed Plug Valve *(23 21 16 00-0382)*

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0398 | EA | Up To 1/2" Manual Air Vent Bleed Plug Valve | 78.47 | 41.93 |

### 23 21 16 00-0399 Air Release Valves *(23 21 16 00-0382)*

### 23 21 16 00-0400 Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) *(23 21 16 00-0399)*

Note: Up to 175 psi. Stainless steel float.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0401 | EA | 1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) | 197.85 | 17.43 |
| 23 21 16 00-0402 | EA | 3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) | 202.50 | 19.74 |
| 23 21 16 00-0403 | EA | 1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) | 211.79 | 24.40 |

### 23 21 16 00-0404 Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) *(23 21 16 00-0399)*

Note: Up to 175 psi. Stainless steel float.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0405 | EA | 1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A) | 810.49 | 24.40 |
| 23 21 16 00-0406 | EA | 2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) | 972.24 | 42.40 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 16 00-0407 | EA | 3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) | 1,274.92 | 98.86 |

### 23 21 16 00-0408 Cast Iron, Air/Vacuum Valves *(23 21 16 00-0399)*

Note: Up to 150 psi. Stainless steel float.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0409 | EA | 1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141) | 391.90 | 17.43 |
| 23 21 16 00-0410 | EA | 1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142) | 483.46 | 24.40 |
| 23 21 16 00-0411 | EA | 2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144) | 835.12 | 42.40 |
| 23 21 16 00-0412 | EA | 3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146) | 1,212.82 | 98.86 |
| 23 21 16 00-0413 | EA | 4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152) | 1,896.94 | 165.95 |
| 23 21 16 00-0414 | EA | 6" Flanged, Cast Iron, Air/Vacuum Valve (Apco 153) | 2,888.41 | 209.84 |

### 23 21 16 00-0415 Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice *(23 21 16 00-0399)*

Note: Up to 150 psi. Stainless Steel float.

| | | | | |
|---|---|---|---|---|
| 23 21 16 00-0416 | EA | 1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C) | 700.79 | 24.40 |
| 23 21 16 00-0417 | EA | 2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C) | 1,075.74 | 42.40 |
| 23 21 16 00-0418 | EA | 3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C) | 1,976.08 | 98.86 |
| 23 21 16 00-0419 | EA | 4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C) | 2,561.87 | 165.95 |

## 23 21 23 Hydronic Pumps *(23 21)*

### 23 21 23 13 In-Line Centrifugal Hydronic Pumps *(23 21 23)*

#### 23 21 23 13-0001 Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)*

Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.

| | | | | |
|---|---|---|---|---|
| 23 21 23 13-0002 | EA | 3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump | 5,007.80 | 310.25 |
| | | *For Mechanical Seal, Add* | *326.20* | |
| | | *For Cast Steel Case, Add* | *733.95* | |
| 23 21 23 13-0003 | EA | 5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump | 5,497.32 | 375.51 |
| | | *For Mechanical Seal, Add* | *349.69* | |
| | | *For Cast Steel Case, Add* | *786.81* | |
| 23 21 23 13-0004 | EA | 7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump | 6,363.58 | 446.12 |
| | | *For Mechanical Seal, Add* | *402.10* | |
| | | *For Cast Steel Case, Add* | *904.73* | |
| 23 21 23 13-0005 | EA | 10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump | 7,202.98 | 594.83 |
| | | *For Mechanical Seal, Add* | *433.59* | |
| | | *For Cast Steel Case, Add* | *975.59* | |
| 23 21 23 13-0006 | EA | 15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump | 8,231.32 | 648.32 |
| | | *For Mechanical Seal, Add* | *502.89* | |
| | | *For Cast Steel Case, Add* | *1,131.51* | |
| 23 21 23 13-0007 | EA | 30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump | 12,101.90 | 713.58 |
| | | *For Mechanical Seal, Add* | *796.98* | |
| | | *For Cast Steel Case, Add* | *1,793.20* | |
| 23 21 23 13-0008 | EA | 40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump | 14,263.14 | 891.18 |
| | | *For Mechanical Seal, Add* | *927.08* | |
| | | *For Cast Steel Case, Add* | *2,085.94* | |
| 23 21 23 13-0009 | EA | 50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump | 19,666.19 | 1,018.48 |
| | | *For Mechanical Seal, Add* | *1,328.76* | |
| | | *For Cast Steel Case, Add* | *2,989.71* | |
| 23 21 23 13-0010 | EA | 75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump | 24,832.49 | 1,067.31 |
| | | *For Mechanical Seal, Add* | *1,730.44* | |
| | | *For Cast Steel Case, Add* | *3,893.48* | |
| 23 21 23 13-0011 | EA | 100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump | 27,279.05 | 1,371.96 |
| | | *For Mechanical Seal, Add* | *1,852.97* | |
| | | *For Cast Steel Case, Add* | *4,169.19* | |

#### 23 21 23 13-0012 Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump *(23 21 23 13)*

Note: For general service, 125 LB flanged, 1,800 RPM TEFC motor.

| | | | | |
|---|---|---|---|---|
| 23 21 23 13-0013 | EA | 1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 1,864.37 | 178.13 |
| 23 21 23 13-0014 | EA | 3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 3,228.01 | 203.59 |
| 23 21 23 13-0015 | EA | 1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 3,512.44 | 227.98 |
| 23 21 23 13-0016 | EA | 1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 3,698.64 | 247.88 |
| 23 21 23 13-0017 | EA | 2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 4,803.48 | 271.42 |
| 23 21 23 13-0018 | EA | 3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 4,952.59 | 299.98 |
| 23 21 23 13-0019 | EA | 5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 5,670.18 | 356.25 |
| 23 21 23 13-0020 | EA | 7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 6,613.48 | 438.53 |
| 23 21 23 13-0021 | EA | 10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 8,453.54 | 475.00 |
| 23 21 23 13-0022 | EA | 15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 9,845.88 | 502.93 |
| 23 21 23 13-0023 | EA | 20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 12,578.05 | 534.38 |
| 23 21 23 13-0024 | EA | 25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 13,264.63 | 552.25 |
| 23 21 23 13-0025 | EA | 30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 13,951.19 | 570.01 |
| 23 21 23 13-0026 | EA | 40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 16,521.36 | 610.77 |
| 23 21 23 13-0027 | EA | 50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 17,750.50 | 654.64 |
| 23 21 23 13-0028 | EA | 60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 19,721.50 | 945.54 |
| 23 21 23 13-0029 | EA | 75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 23,658.21 | 1,891.08 |
| 23 21 23 13-0030 | EA | 100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump | 27,241.93 | 2,269.30 |

### 23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

| | | | | |
|---|---|---|---|---|
| 23 21 23 16-0002 | EA | 5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T) | 6,580.91 | 339.14 |
| 23 21 23 16-0003 | EA | 7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T) | 7,387.55 | 339.56 |
| 23 21 23 16-0004 | EA | 10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T) | 9,745.46 | 446.12 |
| 23 21 23 16-0005 | EA | 15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T) | 10,664.99 | 548.82 |
| 23 21 23 16-0006 | EA | 15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T) | 11,953.44 | 548.82 |
| 23 21 23 16-0007 | EA | 20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T) | 11,612.86 | 594.83 |
| 23 21 23 16-0008 | EA | 20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T) | 12,345.39 | 594.83 |
| 23 21 23 16-0009 | EA | 25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T) | 13,489.69 | 623.71 |
| 23 21 23 16-0010 | EA | 30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T) | 14,998.36 | 792.75 |
| 23 21 23 16-0011 | EA | 40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T) | 15,860.13 | 891.18 |
| 23 21 23 16-0012 | EA | 60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T) | 23,740.77 | 1,987.98 |
| 23 21 23 16-0013 | EA | 75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T) | 34,625.39 | 2,385.15 |
| 23 21 23 16-0014 | EA | 100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS) | 39,153.64 | 2,981.43 |

### 23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

| | | | | |
|---|---|---|---|---|
| 23 21 23 16-0016 | EA | 1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 4,814.72 | 249.27 |
| | | *For 300 LB Flanges, Add* | *1,091.30* | |
| 23 21 23 16-0017 | EA | 2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 6,058.65 | 267.46 |
| | | *For 300 LB Flanges, Add* | *1,414.37* | |
| 23 21 23 16-0018 | EA | 3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 7,582.29 | 285.65 |
| | | *For 300 LB Flanges, Add* | *1,776.70* | |
| 23 21 23 16-0019 | EA | 5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 8,868.91 | 339.14 |
| | | *For 300 LB Flanges, Add* | *2,064.39* | |
| 23 21 23 16-0020 | EA | 7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 9,320.81 | 339.56 |
| | | *For 300 LB Flanges, Add* | *2,169.73* | |
| 23 21 23 16-0021 | EA | 10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 9,799.06 | 446.12 |
| | | *For 300 LB Flanges, Add* | *2,249.17* | |
| 23 21 23 16-0022 | EA | 10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 10,009.92 | 446.12 |
| | | *For 300 LB Flanges, Add* | *2,301.89* | |
| 23 21 23 16-0023 | EA | 10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 10,476.96 | 446.12 |
| | | *For 300 LB Flanges, Add* | *2,418.65* | |
| 23 21 23 16-0024 | EA | 15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 12,186.81 | 548.82 |
| | | *For 300 LB Flanges, Add* | *2,799.82* | |
| 23 21 23 16-0025 | EA | 17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 12,386.46 | 548.40 |
| | | *For 300 LB Flanges, Add* | *2,839.77* | |
| 23 21 23 16-0026 | EA | 20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 13,050.94 | 594.83 |
| | | *For 300 LB Flanges, Add* | *2,995.28* | |
| 23 21 23 16-0027 | EA | 25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 14,312.95 | 623.71 |
| | | *For 300 LB Flanges, Add* | *3,289.40* | |
| 23 21 23 16-0028 | EA | 30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 15,884.33 | 792.75 |
| | | *For 300 LB Flanges, Add* | *3,614.47* | |
| 23 21 23 16-0029 | EA | 40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 18,013.44 | 891.18 |
| | | *For 300 LB Flanges, Add* | *4,102.17* | |
| 23 21 23 16-0030 | EA | 60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 28,308.81 | 1,987.98 |
| | | *For 300 LB Flanges, Add* | *6,118.88* | |
| 23 21 23 16-0031 | EA | 75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 33,682.98 | 2,385.15 |
| | | *For 300 LB Flanges, Add* | *7,270.76* | |
| 23 21 23 16-0032 | EA | 100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case | 41,127.41 | 2,981.43 |
| | | *For 300 LB Flanges, Add* | *8,844.38* | |

### 23 21 23 16-0033 Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

| | | | | |
|---|---|---|---|---|
| 23 21 23 16-0034 | EA | 1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 4,633.53 | 249.27 |
| | | *For 300 LB Flanges, Add* | *1,046.01* | |
| 23 21 23 16-0035 | EA | 2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 4,765.83 | 267.46 |
| | | *For 300 LB Flanges, Add* | *1,071.09* | |
| 23 21 23 16-0036 | EA | 3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 4,898.26 | 285.65 |
| | | *For 300 LB Flanges, Add* | *1,096.18* | |
| 23 21 23 16-0037 | EA | 5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 5,306.08 | 292.07 |
| | | *For 300 LB Flanges, Add* | *1,194.98* | |
| 23 21 23 16-0038 | EA | 7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 8,542.23 | 339.14 |
| | | *For 300 LB Flanges, Add* | *1,982.72* | |
| 23 21 23 16-0039 | EA | 10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 10,326.58 | 446.12 |
| | | *For 300 LB Flanges, Add* | *2,408.20* | |
| 23 21 23 16-0040 | EA | 15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 11,622.08 | 481.42 |
| | | *For 300 LB Flanges, Add* | *2,704.93* | |
| 23 21 23 16-0041 | EA | 20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 12,354.91 | 534.91 |
| | | *For 300 LB Flanges, Add* | *2,841.84* | |
| 23 21 23 16-0042 | EA | 25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 13,694.91 | 534.17 |
| | | *For 300 LB Flanges, Add* | *3,183.58* | |
| 23 21 23 16-0043 | EA | 40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 15,416.63 | 686.49 |
| | | *For 300 LB Flanges, Add* | *3,545.39* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 23 16-0044 | EA | 50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 19,432.08 | 795.40 |
| | | *For 300 LB Flanges, Add* | *4,474.69* | |
| 23 21 23 16-0045 | EA | 75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 24,788.12 | 993.45 |
| | | *For 300 LB Flanges, Add* | *5,717.87* | |
| 23 21 23 16-0046 | EA | 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP | 31,136.04 | 1,192.58 |
| | | *For 300 LB Flanges, Add* | *7,209.02* | |
| 23 21 23 16-0047 | EA | 150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 36,842.85 | 1,324.61 |
| | | *For 300 LB Flanges, Add* | *8,571.83* | |
| 23 21 23 16-0048 | EA | 200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case | 42,518.66 | 1,703.68 |
| | | *For 300 LB Flanges, Add* | *9,808.25* | |

### 23 21 23 16-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.

| | | | | |
|---|---|---|---|---|
| 23 21 23 16-0050 | EA | 40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case | 28,602.97 | 548.82 |
| | | *For 300 LB Flanges, Add* | *6,903.86* | |
| 23 21 23 16-0051 | EA | 50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case | 30,879.58 | 594.83 |
| | | *For 300 LB Flanges, Add* | *7,452.44* | |
| 23 21 23 16-0052 | EA | 75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case | 41,164.53 | 776.11 |
| | | *For 300 LB Flanges, Add* | *9,935.76* | |
| 23 21 23 16-0053 | EA | 100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case | 48,186.06 | 1,066.43 |
| | | *For 300 LB Flanges, Add* | *11,557.87* | |
| 23 21 23 16-0054 | EA | 200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case | 66,815.42 | 1,421.91 |
| | | *For 300 LB Flanges, Add* | *16,052.33* | |

### 23 21 23 16-0055 Cast Iron Close Coupling Pumps *(23 21 23 16)*

### 23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps *(23 21 23 16-0055)*

| | | | | |
|---|---|---|---|---|
| 23 21 23 16-0057 | EA | 3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM) | 5,887.88 | 320.95 |
| 23 21 23 16-0058 | EA | 3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM) | 6,414.84 | 320.95 |
| 23 21 23 16-0059 | EA | 5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM) | 7,137.17 | 338.79 |
| 23 21 23 16-0060 | EA | 5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM) | 7,603.33 | 338.79 |
| 23 21 23 16-0061 | EA | 7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM) | 8,745.48 | 356.25 |
| 23 21 23 16-0062 | EA | 10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM) | 10,363.52 | 428.85 |
| 23 21 23 16-0063 | EA | 15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP) | 13,612.39 | 528.30 |
| 23 21 23 16-0064 | EA | 20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP) | 14,570.86 | 571.79 |
| 23 21 23 16-0065 | EA | 25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP) | 16,885.39 | 617.53 |

### 23 21 23 16-0066 Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*

| | | | | |
|---|---|---|---|---|
| 23 21 23 16-0067 | EA | 1/3 HP, Centrifugal Pump, Polypropylene Body | 1,478.08 | 165.77 |
| 23 21 23 16-0068 | EA | 1/2 HP, Centrifugal Pump, Polypropylene Body | 1,576.90 | 175.75 |
| 23 21 23 16-0069 | EA | 3/4 HP, Centrifugal Pump, Polypropylene Body | 1,840.45 | 187.13 |

## 23 21 23 23 Vertical-Turbine Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

### 23 21 23 23-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps *(23 21 23 23)*

Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.

| | | | | |
|---|---|---|---|---|
| 23 21 23 23-0002 | EA | 2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage | 9,632.29 | 792.75 |
| | | *For Each Extra Column Assembly <60", Add* | *818.13* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *337.74* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *241.42* | |
| 23 21 23 23-0003 | EA | 3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage | 11,024.70 | 891.18 |
| | | *For Each Extra Column Assembly <60", Add* | *929.91* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *393.06* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *282.81* | |
| 23 21 23 23-0004 | EA | 15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage | 13,112.60 | 795.40 |
| | | *For Each Extra Column Assembly <60", Add* | *1,106.05* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *467.46* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *336.34* | |
| 23 21 23 23-0005 | EA | 25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage | 15,385.59 | 917.86 |
| | | *For Each Extra Column Assembly <60", Add* | *1,289.82* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *556.45* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *402.59* | |
| 23 21 23 23-0006 | EA | 50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage | 18,870.10 | 993.45 |
| | | *For Each Extra Column Assembly <60", Add* | *1,573.50* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *690.92* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *502.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 21 23 23-0007 | EA | 100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage | 24,745.72 | 1,192.58 |
| | | *For Each Extra Column Assembly <60", Add* | *2,056.32* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *913.16* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *665.71* | |
| 23 21 23 23-0008 | EA | 150 HP, 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage | 29,656.03 | 1,490.72 |
| | | *For Each Extra Column Assembly <60", Add* | *2,468.31* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *1,090.41* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *793.85* | |
| 23 21 23 23-0009 | EA | 200 HP, 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage | 47,086.67 | 1,703.68 |
| | | *For Each Extra Column Assembly <60", Add* | *3,876.46* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *1,773.94* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *1,303.08* | |
| 23 21 23 23-0010 | EA | 250 HP, 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage | 61,594.42 | 1,987.98 |
| | | *For Each Extra Column Assembly <60", Add* | *5,055.33* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *2,336.00* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *1,720.06* | |
| 23 21 23 23-0011 | EA | 300 HP, 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage | 85,990.00 | 2,385.15 |
| | | *For Each Extra Column Assembly <60", Add* | *7,032.53* | |
| | | *For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add* | *3,286.27* | |
| | | *For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add* | *2,426.37* | |

### 23 21 29 Automatic Condensate Pump Units *(23 21)*

#### 23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

| | | | | |
|---|---|---|---|---|
| 23 21 29 00-0002 | EA | 1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS) | 193.03 | 34.77 |
| 23 21 29 00-0003 | EA | 1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS) | 208.49 | 34.77 |
| 23 21 29 00-0004 | EA | 1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS) | 320.83 | 40.11 |

#### 23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

| | | | | |
|---|---|---|---|---|
| 23 21 29 00-0006 | EA | 1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL) | 108.18 | 26.75 |
| 23 21 29 00-0007 | EA | 1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20) | 114.78 | 26.75 |
| 23 21 29 00-0008 | EA | 1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS) | 187.98 | 34.77 |
| 23 21 29 00-0009 | EA | 1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS) | 203.73 | 40.11 |
| 23 21 29 00-0010 | EA | 1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump | 367.47 | 45.47 |

## 23 22 Steam and Condensate Piping and Pumps *(23 20)*

### 23 22 16 Steam and Condensate Heating Piping Specialties *(23 22)*

#### 23 22 16 00-0001 Steam Temperature Regulator, Iron Body *(23 22 16)*

#### 23 22 16 00-0002 Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*

Note: Up to 150 PSI.

| | | | | |
|---|---|---|---|---|
| 23 22 16 00-0003 | EA | 1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 1,298.10 | 16.72 |
| 23 22 16 00-0004 | EA | 3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 1,366.14 | 22.52 |
| 23 22 16 00-0005 | EA | 1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 1,812.88 | 27.75 |
| 23 22 16 00-0006 | EA | 1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,002.01 | 35.07 |
| 23 22 16 00-0007 | EA | 1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,054.52 | 40.29 |
| 23 22 16 00-0008 | EA | 2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,427.49 | 43.84 |
| 23 22 16 00-0009 | EA | 2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,091.71 | 80.30 |
| 23 22 16 00-0010 | EA | 3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,402.70 | 87.57 |
| 23 22 16 00-0011 | EA | 4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,594.74 | 204.98 |
| 23 22 16 00-0012 | EA | 6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 5,882.48 | 240.59 |

#### 23 22 16 00-0013 Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 22 16 00-0014 | EA | 1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 1,923.92 | 16.72 |
| 23 22 16 00-0015 | EA | 3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 1,992.93 | 22.52 |
| 23 22 16 00-0016 | EA | 1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,082.02 | 27.75 |
| 23 22 16 00-0017 | EA | 1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,492.37 | 35.07 |
| 23 22 16 00-0018 | EA | 1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,670.26 | 40.29 |
| 23 22 16 00-0019 | EA | 2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,032.13 | 43.84 |
| 23 22 16 00-0020 | EA | 2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 4,647.62 | 80.30 |
| 23 22 16 00-0021 | EA | 3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,293.65 | 87.57 |
| 23 22 16 00-0022 | EA | 4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 4,639.21 | 204.98 |
| 23 22 16 00-0023 | EA | 6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 7,406.47 | 240.59 |

#### 23 22 16 00-0024 Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 22 16 00-0025 | EA | 1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,621.70 | 16.72 |
| 23 22 16 00-0026 | EA | 3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,660.25 | 22.52 |
| 23 22 16 00-0027 | EA | 1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 2,911.59 | 27.75 |
| 23 22 16 00-0028 | EA | 1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,170.79 | 35.07 |
| 23 22 16 00-0029 | EA | 1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,285.99 | 40.29 |
| 23 22 16 00-0030 | EA | 2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,706.87 | 43.84 |
| 23 22 16 00-0031 | EA | 2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 6,859.80 | 80.30 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 22 16 00-0032 | EA | 3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 4,628.90 | 87.57 |
| 23 22 16 00-0033 | EA | 4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 5,946.57 | 204.98 |
| 23 22 16 00-0034 | EA | 6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 8,295.07 | 240.59 |
| 23 22 16 00-0035 | | Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)* | | |
| 23 22 16 00-0036 | EA | 1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,359.09 | 16.72 |
| 23 22 16 00-0037 | EA | 3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,393.97 | 22.52 |
| 23 22 16 00-0038 | EA | 1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,685.85 | 27.75 |
| 23 22 16 00-0039 | EA | 1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,841.79 | 35.07 |
| 23 22 16 00-0040 | EA | 1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 3,990.18 | 40.29 |
| 23 22 16 00-0041 | EA | 2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 4,344.71 | 43.84 |
| 23 22 16 00-0042 | EA | 2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 7,228.49 | 80.30 |
| 23 22 16 00-0043 | EA | 3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 4,861.53 | 87.57 |
| 23 22 16 00-0044 | EA | 4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 6,179.19 | 204.98 |
| 23 22 16 00-0045 | EA | 6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body | 8,527.70 | 240.59 |
| 23 22 16 00-0046 | | High Temperature Safety Relief Valve *(23 22 16)*<br>Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications. | | |
| 23 22 16 00-0047 | | Cast Iron Body Safety Valve, Steam Or Water *(23 22 16 00-0046)*<br>Note: Variable set points to 500 psig pressure, 400 Degree F temperature range. | | |
| 23 22 16 00-0048 | | Threaded *(23 22 16 00-0047)* | | |
| 23 22 16 00-0049 | EA | 3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water | 485.03 | 17.42 |
| 23 22 16 00-0050 | EA | 1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water | 507.94 | 20.61 |
| 23 22 16 00-0051 | EA | 1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water | 560.77 | 26.13 |
| 23 22 16 00-0052 | EA | 1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water | 691.22 | 29.03 |
| 23 22 16 00-0053 | EA | 2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water | 884.75 | 35.70 |
| 23 22 16 00-0054 | EA | 2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water | 1,370.79 | 40.64 |
| 23 22 16 00-0055 | EA | 3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water | 1,485.85 | 46.74 |
| 23 22 16 00-0056 | | Flanged *(23 22 16 00-0047)* | | |
| 23 22 16 00-0057 | EA | 1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water | 3,404.83 | 121.92 |
| 23 22 16 00-0058 | EA | 2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water | 3,965.42 | 183.27 |
| 23 22 16 00-0059 | EA | 2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water | 4,379.80 | 168.76 |
| 23 22 16 00-0060 | EA | 2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water | 5,321.11 | 243.75 |
| 23 22 16 00-0061 | EA | 3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water | 5,676.39 | 181.78 |
| 23 22 16 00-0062 | EA | 3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water | 6,670.37 | 243.75 |
| 23 22 16 00-0063 | EA | 4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water | 11,160.47 | 345.90 |
| 23 22 16 00-0064 | EA | 6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water | 22,188.56 | 386.31 |
| 23 22 16 00-0065 | | Bronze Body Safety Valve, Threaded, Steam *(23 22 16 00-0046)*<br>Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure. | | |
| 23 22 16 00-0066 | EA | 3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam | 527.44 | 15.97 |
| 23 22 16 00-0067 | EA | 3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam | 540.37 | 17.42 |
| 23 22 16 00-0068 | EA | 1" x 1" Threaded Bronze Body Safety Relief Valve, Steam | 632.37 | 19.16 |
| 23 22 16 00-0069 | EA | 1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam | 698.26 | 20.61 |
| 23 22 16 00-0070 | EA | 1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam | 807.84 | 23.22 |
| 23 22 16 00-0071 | EA | 1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam | 812.14 | 26.13 |
| 23 22 16 00-0072 | EA | 1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam | 913.30 | 27.58 |
| 23 22 16 00-0073 | EA | 1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam | 995.19 | 29.03 |
| 23 22 16 00-0074 | EA | 2" x 2" Threaded Bronze Body Safety Relief Valve, Steam | 1,381.12 | 32.51 |
| 23 22 16 00-0075 | EA | 2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam | 1,509.42 | 35.70 |
| 23 22 16 00-0076 | EA | 2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam | 1,800.86 | 40.64 |
| 23 22 16 00-0077 | | Bronze Body Safety Valve, Threaded, Water *(23 22 16 00-0046)*<br>Note: Variable set points to 160 psig pressure, 250 Degree F temperature range. | | |
| 23 22 16 00-0078 | EA | 3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water | 248.88 | 15.97 |
| 23 22 16 00-0079 | EA | 3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water | 283.55 | 17.42 |
| 23 22 16 00-0080 | EA | 1" x 1" Threaded Bronze Body Safety Relief Valve, Water | 392.42 | 19.16 |
| 23 22 16 00-0081 | EA | 1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water | 432.04 | 20.61 |
| 23 22 16 00-0082 | EA | 1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water | 624.45 | 23.22 |
| 23 22 16 00-0083 | EA | 1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water | 842.09 | 27.58 |
| 23 22 16 00-0084 | EA | 2" x 2" Threaded Bronze Body Safety Relief Valve, Water | 1,227.76 | 32.51 |
| 23 22 16 00-0085 | | Steam Traps *(23 22 16)* | | |
| 23 22 16 00-0086 | | Inverted Bucket Steam Traps *(23 22 16 00-0085)* | | |
| 23 22 16 00-0087 | EA | 1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap | 299.52 | 34.85 |
| | | *For Work In Restricted Working Space, Add* | *20.91* | |
| 23 22 16 00-0088 | EA | 3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap | 302.43 | 36.30 |
| | | *For Work In Restricted Working Space, Add* | *21.78* | |
| 23 22 16 00-0089 | EA | 1" 250 PSI Inverted Bucket Cast Iron Steam Trap | 447.41 | 38.68 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| 23 22 16 00-0090 | EA | 1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap | 722.22 | 52.79 |
| | | *For Work In Restricted Working Space, Add* | *31.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 22 16 00-0091 | EA | 1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap | 1,073.05 | 65.05 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 23 22 16 00-0092 | EA | 2" 250 PSI Inverted Bucket Cast Iron Steam Trap | 1,371.50 | 96.80 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |

### 23 22 16 00-0093 Float And Thermostatic Steam Traps *(23 22 16 00-0085)*

| | | | | |
|---|---|---|---|---|
| 23 22 16 00-0094 | EA | 3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap | 316.53 | 36.30 |
| | | *For Work In Restricted Working Space, Add* | *21.78* | |
| 23 22 16 00-0095 | EA | 1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap | 415.64 | 38.72 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| 23 22 16 00-0096 | EA | 1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap | 514.81 | 52.80 |
| | | *For Work In Restricted Working Space, Add* | *31.68* | |
| 23 22 16 00-0097 | EA | 1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap | 695.23 | 64.53 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 23 22 16 00-0098 | EA | 2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap | 1,268.00 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 22 16 00-0099 | EA | 3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap | 401.46 | 36.30 |
| | | *For Work In Restricted Working Space, Add* | *21.78* | |
| 23 22 16 00-0100 | EA | 1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap | 436.20 | 38.68 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| 23 22 16 00-0101 | EA | 1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap | 570.86 | 52.79 |
| | | *For Work In Restricted Working Space, Add* | *31.68* | |
| 23 22 16 00-0102 | EA | 1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap | 818.55 | 64.47 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 23 22 16 00-0103 | EA | 2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap | 1,393.20 | 96.80 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 22 16 00-0104 | EA | 3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap | 519.18 | 36.30 |
| | | *For Work In Restricted Working Space, Add* | *21.78* | |
| 23 22 16 00-0105 | EA | 1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap | 578.20 | 38.72 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| 23 22 16 00-0106 | EA | 1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap | 879.17 | 52.79 |
| | | *For Work In Restricted Working Space, Add* | *31.68* | |
| 23 22 16 00-0107 | EA | 1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap | 902.64 | 64.47 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 23 22 16 00-0108 | EA | 2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap | 1,746.34 | 96.80 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 23 22 16 00-0109 | EA | 3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap | 526.65 | 36.30 |
| | | *For Work In Restricted Working Space, Add* | *21.78* | |
| 23 22 16 00-0110 | EA | 1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap | 578.20 | 38.72 |
| | | *For Work In Restricted Working Space, Add* | *23.23* | |
| 23 22 16 00-0111 | EA | 1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap | 879.17 | 52.79 |
| | | *For Work In Restricted Working Space, Add* | *31.68* | |
| 23 22 16 00-0112 | EA | 1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap | 902.64 | 64.47 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 23 22 16 00-0113 | EA | 2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap | 1,746.34 | 96.80 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |

### 23 22 16 00-0114 Thermostatic Steam Traps *(23 22 16 00-0085)*

| | | | | |
|---|---|---|---|---|
| 23 22 16 00-0115 | EA | 1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap | 156.38 | 34.85 |
| | | *For Work In Restricted Working Space, Add* | *20.91* | |
| 23 22 16 00-0116 | EA | 3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap | 257.57 | 36.30 |
| | | *For Work In Restricted Working Space, Add* | *21.78* | |
| 23 22 16 00-0117 | EA | 1" 25 PSI Maximum Pressure Thermostatic Steam Trap | 317.04 | 38.68 |
| | | *For Work In Restricted Working Space, Add* | *23.24* | |

### 23 22 16 00-0118 Thermodynamic Steam Traps *(23 22 16 00-0085)*

| | | | | |
|---|---|---|---|---|
| 23 22 16 00-0119 | EA | 3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap | 337.72 | 31.37 |
| 23 22 16 00-0120 | EA | 1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap | 477.04 | 34.85 |
| 23 22 16 00-0121 | EA | 3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap | 590.18 | 36.30 |
| 23 22 16 00-0122 | EA | 1" 600 PSI Maximum Pressure Thermodynamic Steam Trap | 789.34 | 38.68 |

### 23 22 16 00-0123 Steam Moisture Separator *(23 22 16 00-0085)*

| | | | | |
|---|---|---|---|---|
| 23 22 16 00-0124 | EA | 1" Steam Moisture Separator, Threaded (Spirax Sarco S1) | 851.48 | 88.29 |
| 23 22 16 00-0125 | EA | 1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2) | 1,335.97 | 101.06 |
| 23 22 16 00-0126 | EA | 2" Steam Moisture Separator, Flanged (Spirax Sarco S3) | 1,645.04 | 154.85 |
| 23 22 16 00-0127 | EA | 2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3) | 2,463.99 | 168.44 |
| 23 22 16 00-0128 | EA | 3" Steam Moisture Separator, Flanged (Spirax Sarco S3) | 2,826.63 | 197.48 |
| 23 22 16 00-0129 | EA | 4" Steam Moisture Separator, Flanged (Spirax Sarco S3) | 3,893.64 | 331.06 |
| 23 22 16 00-0130 | EA | 6" Steam Moisture Separator, Flanged (Spirax Sarco S3) | 7,551.73 | 418.18 |

### 23 22 16 00-0131 Steam/Condensate Meter *(23 22 16)*

Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.

| | | | | |
|---|---|---|---|---|
| 23 22 16 00-0132 | EA | 1" Steam/Condensate Meter | 5,440.84 | 96.23 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 22 16 00-0133 | EA | 2" Steam/Condensate Meter | 6,139.09 | 113.08 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0134 | EA | 2-1/2" Steam/Condensate Meter | 6,513.35 | 140.34 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0135 | EA | 3" Steam/Condensate Meter | 6,910.07 | 184.45 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0136 | EA | 4" Steam/Condensate Meter | 7,796.73 | 286.56 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0137 | EA | 6" Steam/Condensate Meter | 13,342.24 | 362.48 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0138 | EA | 8" Steam/Condensate Meter | 13,826.15 | 457.64 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0139 | EA | 10" Steam/Condensate Meter | 14,470.92 | 561.36 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0140 | EA | 12" Steam/Condensate Meter | 15,175.70 | 681.65 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0141 | EA | 14" Steam/Condensate Meter | 16,162.07 | 801.94 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |
| 23 22 16 00-0142 | EA | 16" Steam/Condensate Meter | 16,738.30 | 882.14 |
| | | *For Steam Meter Pressure-Compensated Counter, Add* | *1,220.00* | |
| | | *For Contactor Used For Dial Counter, Add* | *567.00* | |
| | | *For Wall Or Panel Mounted Remote Totalizer With Contactor, Add* | *905.00* | |
| | | *For Direct Reading Pressure Gauge, Add* | *79.82* | |
| | | *For Direct Reading Thermometer, Stainless Steel Case With Trim, Add* | *64.52* | |

## 23 22 23 Steam Condensate Pumps *(23 22)*

### 23 22 23 13 Electric-Driven Steam Condensate Pumps *(23 22 23)*

#### 23 22 23 13-0001 Simplex Condensate Pumps And Motors *(23 22 23 13)*

Note: Cast iron receiver, float switch.

#### 23 22 23 13-0002 20 PSI Discharge Pressure *(23 22 23 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 22 23 13-0003 | EA | 3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 2,005.89 | 544.55 |
| 23 22 23 13-0004 | EA | 9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 2,558.62 | 559.53 |
| 23 22 23 13-0005 | EA | 15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 2,677.43 | 596.97 |
| 23 22 23 13-0006 | EA | 22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 2,941.44 | 603.39 |
| 23 22 23 13-0007 | EA | 30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 3,284.42 | 656.88 |
| 23 22 23 13-0008 | EA | 37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 4,788.05 | 656.88 |
| 23 22 23 13-0009 | EA | 45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 4,871.92 | 701.81 |
| 23 22 23 13-0010 | EA | 60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 5,926.85 | 733.90 |
| 23 22 23 13-0011 | EA | 75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 5,990.52 | 766.01 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 22 23 13-0012** | | **30 PSI Discharge Pressure** *(23 22 23 13-0001)* | | |
| 23 22 23 13-0013 | EA | 3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 2,296.67 | 581.99 |
| 23 22 23 13-0014 | EA | 9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 2,971.23 | 596.97 |
| 23 22 23 13-0015 | EA | 15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 3,087.40 | 636.55 |
| 23 22 23 13-0016 | EA | 22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 3,564.26 | 687.90 |
| 23 22 23 13-0017 | EA | 30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 4,871.92 | 702.88 |
| 23 22 23 13-0018 | EA | 45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 5,007.29 | 727.49 |
| 23 22 23 13-0019 | EA | 60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 5,161.67 | 766.01 |
| 23 22 23 13-0020 | EA | 75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 5,978.24 | 815.21 |
| **23 22 23 13-0021** | | **40 PSI Discharge Pressure** *(23 22 23 13-0001)* | | |
| 23 22 23 13-0022 | EA | 3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 2,562.40 | 667.57 |
| 23 22 23 13-0023 | EA | 9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 3,219.03 | 721.07 |
| 23 22 23 13-0024 | EA | 22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 3,759.34 | 712.52 |
| 23 22 23 13-0025 | EA | 30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 4,983.41 | 727.49 |
| 23 22 23 13-0026 | EA | 45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 5,091.27 | 758.52 |
| 23 22 23 13-0027 | EA | 60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 5,990.52 | 766.01 |
| 23 22 23 13-0028 | EA | 75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 6,079.75 | 815.21 |
| **23 22 23 13-0029** | | **50 PSI Discharge Pressure** *(23 22 23 13-0001)* | | |
| 23 22 23 13-0030 | EA | 3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 4,757.12 | 723.21 |
| 23 22 23 13-0031 | EA | 9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 3,474.20 | 738.19 |
| 23 22 23 13-0032 | EA | 22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 3,978.28 | 743.54 |
| 23 22 23 13-0033 | EA | 30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 5,179.29 | 808.80 |
| 23 22 23 13-0034 | EA | 60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 8,116.82 | 871.92 |
| **23 22 23 13-0035** | | **Duplex Condensate Pumps And Motors** *(23 22 23 13)*<br>Note: Cast iron receiver, float switch, alternator assembly. | | |
| **23 22 23 13-0036** | | **20 PSI Discharge Pressure** *(23 22 23 13-0035)* | | |
| 23 22 23 13-0037 | EA | 9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 3,286.88 | 730.70 |
| 23 22 23 13-0038 | EA | 15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 3,486.90 | 802.38 |
| 23 22 23 13-0039 | EA | 22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 3,801.07 | 808.80 |
| 23 22 23 13-0040 | EA | 30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 4,244.47 | 881.54 |
| 23 22 23 13-0041 | EA | 37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 5,867.53 | 881.54 |
| 23 22 23 13-0042 | EA | 45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 5,986.82 | 950.02 |
| 23 22 23 13-0043 | EA | 60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 7,073.34 | 991.74 |
| 23 22 23 13-0044 | EA | 75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure | 7,252.12 | 1,040.95 |
| **23 22 23 13-0045** | | **30 PSI Discharge Pressure** *(23 22 23 13-0035)* | | |
| 23 22 23 13-0046 | EA | 9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 4,237.14 | 787.40 |
| 23 22 23 13-0047 | EA | 15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 4,441.56 | 860.15 |
| 23 22 23 13-0048 | EA | 22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 4,913.25 | 838.76 |
| 23 22 23 13-0049 | EA | 30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 5,986.82 | 950.02 |
| 23 22 23 13-0050 | EA | 45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 6,158.56 | 985.31 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 22 23 13-0051 | EA | 60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 7,013.26 | 1,040.95 |
| 23 22 23 13-0052 | EA | 75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure | 7,364.46 | 1,115.84 |
| 23 22 23 13-0053 | | 40 PSI Discharge Pressure *(23 22 23 13-0035)* | | |
| 23 22 23 13-0054 | EA | 9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 4,608.62 | 928.62 |
| 23 22 23 13-0055 | EA | 22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 5,082.58 | 970.34 |
| 23 22 23 13-0056 | EA | 30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 6,172.89 | 985.31 |
| 23 22 23 13-0057 | EA | 45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 6,352.88 | 1,034.53 |
| 23 22 23 13-0058 | EA | 60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 7,253.31 | 1,040.95 |
| 23 22 23 13-0059 | EA | 75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure | 7,393.12 | 1,115.84 |
| 23 22 23 13-0060 | | 50 PSI Discharge Pressure *(23 22 23 13-0035)* | | |
| 23 22 23 13-0061 | EA | 9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 4,806.88 | 928.62 |
| 23 22 23 13-0062 | EA | 22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 5,190.92 | 1,020.62 |
| 23 22 23 13-0063 | EA | 30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 6,493.86 | 1,108.35 |
| 23 22 23 13-0064 | EA | 60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure | 11,189.20 | 1,200.36 |
| 23 23 | | Refrigerant Piping *(23 20)* | | |
| **23 23 13** | | **Refrigerant Piping Valves** ***(23 23)*** | | |
| 23 23 13 00-0001 | | Ball Valves *(23 23 13)* | | |
| 23 23 13 00-0002 | | Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)* | | |
| 23 23 13 00-0003 | EA | 3/8" Refrigeration Ball Valve, Sweated | 45.83 | 11.61 |
| 23 23 13 00-0004 | EA | 1/2" Refrigeration Ball Valve, Sweated | 47.70 | 11.61 |
| 23 23 13 00-0005 | EA | 5/8" Refrigeration Ball Valve, Sweated | 62.68 | 11.61 |
| 23 23 13 00-0006 | EA | 7/8" Refrigeration Ball Valve, Sweated | 83.95 | 12.78 |
| 23 23 13 00-0007 | EA | 1-1/8" Refrigeration Ball Valve, Sweated | 116.62 | 14.52 |
| 23 23 13 00-0008 | EA | 1-5/8" Refrigeration Ball Valve, Sweated | 188.88 | 17.88 |
| 23 23 13 00-0009 | | Shut-Off Valves *(23 23 13)* | | |
| 23 23 13 00-0010 | | Packless *(23 23 13 00-0009)* | | |
| 23 23 13 00-0011 | EA | 1/2" Refrigeration Valve, Packless | 58.70 | 12.08 |
| 23 23 13 00-0012 | EA | 5/8" Refrigeration Valve, Packless | 72.99 | 13.25 |
| 23 23 13 00-0013 | EA | 7/8" Refrigeration Valve, Packless | 147.80 | 18.12 |
| 23 23 13 00-0014 | | Packed *(23 23 13 00-0009)* | | |
| 23 23 13 00-0015 | EA | 1-1/8" Refrigeration Valve, Packed | 261.39 | 26.37 |
| 23 23 13 00-0016 | EA | 1 3/8" Refrigeration Valve, Packed | 348.83 | 32.29 |
| 23 23 13 00-0017 | EA | 1-5/8" Refrigeration Valve, Packed | 424.31 | 36.36 |
| 23 23 13 00-0018 | EA | 2-1/8" Refrigeration Valve, Packed | 604.11 | 41.47 |
| 23 23 13 00-0019 | EA | 2-5/8" Refrigeration Valve, Packed | 1,012.14 | 116.16 |
| 23 23 13 00-0020 | EA | 3-1/8" Refrigeration Valve, Packed | 1,326.66 | 145.20 |
| 23 23 13 00-0021 | EA | 4-1/8" Refrigeration Valve, Packed | 1,883.87 | 193.64 |
| 23 23 13 00-0022 | | Check Valves *(23 23 13)* | | |
| 23 23 13 00-0023 | EA | 5/8" Check Valve, Refrigeration | 74.90 | 11.61 |
| 23 23 13 00-0024 | EA | 7/8" Check Valve, Refrigeration | 229.44 | 12.78 |
| 23 23 13 00-0025 | EA | 1-1/8" Check Valve, Refrigeration | 266.37 | 14.52 |
| 23 23 13 00-0026 | EA | 1 3/8" Check Valve, Refrigeration | 358.22 | 15.45 |
| 23 23 13 00-0027 | EA | 1-5/8" Check Valve, Refrigeration | 470.31 | 17.89 |
| 23 23 13 00-0028 | EA | 2-1/8" Check Valve, Refrigeration | 694.59 | 21.14 |
| 23 23 13 00-0029 | EA | 2-5/8" Check Valve, Refrigeration | 972.52 | 31.01 |
| 23 23 13 00-0030 | EA | 3-1/8" Check Valve, Refrigeration | 1,283.93 | 40.65 |
| 23 23 13 00-0031 | | Solenoid Valves *(23 23 13)* | | |
| 23 23 13 00-0032 | | Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)* | | |
| 23 23 13 00-0033 | EA | 1/2" Solenoid Valve, Refrigeration | 212.66 | 11.61 |
| 23 23 13 00-0034 | EA | 5/8" Solenoid Valve, Refrigeration | 217.75 | 11.61 |
| 23 23 13 00-0035 | EA | 3/4" Solenoid Valve, Refrigeration | 269.32 | 12.78 |
| 23 23 13 00-0036 | EA | 7/8" Solenoid Valve, Refrigeration | 269.32 | 12.78 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 23 13 00-0037 | EA | 1-1/8" Solenoid Valve, Refrigeration | 376.85 | 14.52 |
| 23 23 13 00-0038 | EA | 1 3/8" Solenoid Valve, Refrigeration | 604.46 | 15.45 |
| 23 23 13 00-0039 | EA | 1-5/8" Solenoid Valve, Refrigeration | 1,111.57 | 17.89 |
| 23 23 13 00-0040 | EA | 2-1/8" Solenoid Valve, Refrigeration | 1,127.81 | 21.14 |

## 23 23 16 Refrigerant Piping Specialties *(23 23)*

### 23 23 16 00-0001 Soft Refrigeration Copper Tubing *(23 23 16)*

Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-0313 for flexible elastomeric insulation (insulation on suction line only).

| | | | | |
|---|---|---|---|---|
| 23 23 16 00-0002 | LF | 1/8" Outside Diameter Soft Refrigeration Copper Tubing | 4.87 | 2.76 |
| 23 23 16 00-0003 | LF | 3/16" Outside Diameter Soft Refrigeration Copper Tubing | 5.11 | 2.83 |
| 23 23 16 00-0004 | LF | 1/4" Outside Diameter Soft Refrigeration Copper Tubing | 5.34 | 2.91 |
| 23 23 16 00-0005 | LF | 5/16" Outside Diameter Soft Refrigeration Copper Tubing | 5.73 | 2.96 |
| 23 23 16 00-0006 | LF | 3/8" Outside Diameter Soft Refrigeration Copper Tubing | 5.91 | 3.01 |
| 23 23 16 00-0007 | LF | 1/2" Outside Diameter Soft Refrigeration Copper Tubing | 6.66 | 3.16 |
| 23 23 16 00-0008 | LF | 5/8" Outside Diameter Soft Refrigeration Copper Tubing | 7.34 | 3.19 |
| 23 23 16 00-0009 | LF | 3/4" Outside Diameter Soft Refrigeration Copper Tubing | 8.04 | 3.31 |
| 23 23 16 00-0010 | LF | 7/8" Outside Diameter Soft Refrigeration Copper Tubing | 10.40 | 3.88 |
| 23 23 16 00-0011 | LF | 1-1/8" Outside Diameter Soft Refrigeration Copper Tubing | 13.24 | 4.45 |
| 23 23 16 00-0012 | LF | 1-3/8" Outside Diameter Soft Refrigeration Copper Tubing | 19.20 | 5.26 |
| 23 23 16 00-0013 | LF | 1-5/8" Outside Diameter Soft Refrigeration Copper Tubing | 23.18 | 5.89 |

### 23 23 16 00-0014 Type L Drawn, ACR Copper Tubing *(23 23 16)*

Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-0313 for flexible elastomeric insulation (insulation on suction line only).

| | | | | |
|---|---|---|---|---|
| 23 23 16 00-0015 | LF | 3/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 6.54 | 3.25 |
| | | *For Medical Applications "Oxygen Clean", Add* | *0.58* | |
| 23 23 16 00-0016 | LF | 1/2" Outside Diameter Type L Drawn, ACR Copper Tubing | 7.37 | 3.25 |
| | | *For Medical Applications "Oxygen Clean", Add* | *0.62* | |
| 23 23 16 00-0017 | LF | 5/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 7.90 | 3.25 |
| | | *For Medical Applications "Oxygen Clean", Add* | *0.64* | |
| 23 23 16 00-0018 | LF | 3/4" Outside Diameter Type L Drawn, ACR Copper Tubing | 11.41 | 4.88 |
| | | *For Medical Applications "Oxygen Clean", Add* | *0.93* | |
| 23 23 16 00-0019 | LF | 7/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 12.47 | 5.23 |
| | | *For Medical Applications "Oxygen Clean", Add* | *1.02* | |
| 23 23 16 00-0020 | LF | 1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 14.54 | 5.23 |
| | | *For Medical Applications "Oxygen Clean", Add* | *1.12* | |
| 23 23 16 00-0021 | LF | 1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 18.12 | 6.04 |
| | | *For Medical Applications "Oxygen Clean", Add* | *1.36* | |
| 23 23 16 00-0022 | LF | 1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 21.97 | 6.97 |
| | | *For Medical Applications "Oxygen Clean", Add* | *1.62* | |
| 23 23 16 00-0023 | LF | 2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 31.14 | 8.71 |
| | | *For Medical Applications "Oxygen Clean", Add* | *2.21* | |
| 23 23 16 00-0024 | LF | 2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 46.70 | 13.12 |
| | | *For Medical Applications "Oxygen Clean", Add* | *3.32* | |
| 23 23 16 00-0025 | LF | 3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 60.46 | 16.27 |
| | | *For Medical Applications "Oxygen Clean", Add* | *4.24* | |
| 23 23 16 00-0026 | LF | 3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 76.12 | 19.27 |
| | | *For Medical Applications "Oxygen Clean", Add* | *5.26* | |
| 23 23 16 00-0027 | LF | 4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing | 94.14 | 23.23 |
| | | *For Medical Applications "Oxygen Clean", Add* | *6.45* | |

### 23 23 16 00-0028 Refrigeration Fittings *(23 23 16)*

### 23 23 16 00-0029 Brass Flare Fittings *(23 23 16 00-0028)*

### 23 23 16 00-0030 Brass Flare Unions *(23 23 16 00-0029)*

| | | | | |
|---|---|---|---|---|
| 23 23 16 00-0031 | EA | 3/8" Brass Flare Union | 25.76 | 12.54 |
| 23 23 16 00-0032 | EA | 1/2" Brass Flare Union | 25.76 | 12.54 |
| 23 23 16 00-0033 | EA | 5/8" Brass Flare Union | 27.57 | 12.54 |

### 23 23 16 00-0034 90 Degree Elbow Brass Flare Unions *(23 23 16 00-0029)*

| | | | | |
|---|---|---|---|---|
| 23 23 16 00-0035 | EA | 3/8" 90 Degree Brass Flare Elbow Union | 26.86 | 12.54 |
| 23 23 16 00-0036 | EA | 1/2" 90 Degree Brass Flare Elbow Union | 26.86 | 12.54 |
| 23 23 16 00-0037 | EA | 5/8" 90 Degree Brass Flare Elbow Union | 32.91 | 12.54 |

### 23 23 16 00-0038 Brass Flare Tees *(23 23 16 00-0029)*

| | | | | |
|---|---|---|---|---|
| 23 23 16 00-0039 | EA | 3/8" Brass Flare Tee | 41.69 | 20.90 |
| 23 23 16 00-0040 | EA | 1/2" Brass Flare Tee | 44.40 | 20.90 |
| 23 23 16 00-0041 | EA | 5/8" Brass Flare Tee | 59.10 | 20.90 |

### 23 23 16 00-0042 Male Connector, Half Brass Flare Unions *(23 23 16 00-0029)*

| | | | | |
|---|---|---|---|---|
| 23 23 16 00-0043 | EA | 3/8" Brass Flare Male Connector, Half Union | 20.79 | 12.54 |
| 23 23 16 00-0044 | EA | 1/2" Brass Flare Male Connector, Half Union | 22.60 | 12.54 |
| 23 23 16 00-0045 | EA | 5/8" Brass Flare Male Connector, Half Union | 25.18 | 12.54 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 23 16 00-0046** | | **Female Connector, Half Brass Flare Unions** *(23 23 16 00-0029)* | | |
| 23 23 16 00-0047 | EA | 3/8" Brass Flare Female Connector, Half Union | 23.12 | 12.54 |
| 23 23 16 00-0048 | EA | 1/2" Brass Flare Female Connector, Half Union | 25.57 | 12.54 |
| 23 23 16 00-0049 | EA | 5/8" Brass Flare Female Connector, Half Union | 25.57 | 12.54 |
| **23 23 16 00-0050** | | **Long Forged Nuts** *(23 23 16 00-0029)* | | |
| 23 23 16 00-0051 | EA | 3/8" Brass Long Forged Nut | 21.89 | 12.54 |
| 23 23 16 00-0052 | EA | 1/2" Brass Long Forged Nut | 22.60 | 12.54 |
| 23 23 16 00-0053 | EA | 5/8" Brass Long Forged Nut | 30.46 | 12.54 |
| **23 23 16 00-0054** | | **Short Forged Nuts** *(23 23 16 00-0029)* | | |
| 23 23 16 00-0055 | EA | 3/8" Brass Short Forged Nut | 20.87 | 12.54 |
| 23 23 16 00-0056 | EA | 1/2" Brass Short Forged Nut | 22.50 | 12.54 |
| 23 23 16 00-0057 | EA | 5/8" Brass Short Forged Nut | 22.84 | 12.54 |
| **23 23 16 00-0058** | | **ACR Wrought Copper Fittings** *(23 23 16 00-0028)* Note: Soldered. | | |
| **23 23 16 00-0059** | | **ACR Wrought Copper Coupling** *(23 23 16 00-0058)* Note: C x C | | |
| 23 23 16 00-0060 | EA | 1/4" ACR Wrought Copper Coupling | 20.37 | 12.54 |
| 23 23 16 00-0061 | EA | 3/8" ACR Wrought Copper Coupling | 20.08 | 12.54 |
| 23 23 16 00-0062 | EA | 1/2" ACR Wrought Copper Coupling | 20.51 | 12.54 |
| 23 23 16 00-0063 | EA | 5/8" ACR Wrought Copper Coupling | 21.19 | 13.12 |
| 23 23 16 00-0064 | EA | 3/4" ACR Wrought Copper Coupling | 29.90 | 17.30 |
| 23 23 16 00-0065 | EA | 7/8" ACR Wrought Copper Coupling | 29.57 | 17.77 |
| 23 23 16 00-0066 | EA | 1-1/8" ACR Wrought Copper Coupling | 38.95 | 22.07 |
| 23 23 16 00-0067 | EA | 1-3/8" ACR Wrought Copper Coupling | 55.65 | 30.20 |
| 23 23 16 00-0068 | EA | 1-5/8" ACR Wrought Copper Coupling | 66.86 | 35.43 |
| 23 23 16 00-0069 | EA | 2-1/8" ACR Wrought Copper Coupling | 87.24 | 42.98 |
| 23 23 16 00-0070 | EA | 2-5/8" ACR Wrought Copper Coupling | 149.34 | 65.28 |
| 23 23 16 00-0071 | EA | 3-1/8" ACR Wrought Copper Coupling | 198.89 | 85.84 |
| 23 23 16 00-0072 | EA | 4-1/8" ACR Wrought Copper Coupling | 312.42 | 101.99 |
| **23 23 16 00-0073** | | **ACR Wrought Copper Short Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C | | |
| 23 23 16 00-0074 | EA | 1/4" ACR Wrought Copper Short Radius 90 Degree Elbow | 24.25 | 12.54 |
| 23 23 16 00-0075 | EA | 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 24.54 | 12.54 |
| 23 23 16 00-0076 | EA | 1/2" ACR Wrought Copper Short Radius 90 Degree Elbow | 24.25 | 12.54 |
| 23 23 16 00-0077 | EA | 5/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 26.23 | 13.12 |
| 23 23 16 00-0078 | EA | 3/4" ACR Wrought Copper Short Radius 90 Degree Elbow | 37.83 | 17.30 |
| 23 23 16 00-0079 | EA | 7/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 38.35 | 17.77 |
| 23 23 16 00-0080 | EA | 1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 48.76 | 22.07 |
| 23 23 16 00-0081 | EA | 1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 61.30 | 30.20 |
| 23 23 16 00-0082 | EA | 1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 78.14 | 35.43 |
| 23 23 16 00-0083 | EA | 2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 109.88 | 42.98 |
| 23 23 16 00-0084 | EA | 2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 188.90 | 65.28 |
| 23 23 16 00-0085 | EA | 3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 243.16 | 85.84 |
| 23 23 16 00-0086 | EA | 4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow | 445.75 | 101.99 |
| **23 23 16 00-0087** | | **ACR Wrought Copper Long Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C | | |
| 23 23 16 00-0088 | EA | 1/4" ACR Wrought Copper Long Radius 90 Degree Elbow | 29.11 | 12.54 |
| 23 23 16 00-0089 | EA | 3/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 26.54 | 12.54 |
| 23 23 16 00-0090 | EA | 1/2" ACR Wrought Copper Long Radius 90 Degree Elbow | 28.58 | 12.54 |
| 23 23 16 00-0091 | EA | 5/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 28.57 | 13.12 |
| 23 23 16 00-0092 | EA | 3/4" ACR Wrought Copper Long Radius 90 Degree Elbow | 34.97 | 17.30 |
| 23 23 16 00-0093 | EA | 7/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 38.05 | 17.77 |
| 23 23 16 00-0094 | EA | 1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 51.45 | 22.07 |
| 23 23 16 00-0095 | EA | 1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 75.15 | 30.20 |
| 23 23 16 00-0096 | EA | 1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 93.24 | 35.43 |
| 23 23 16 00-0097 | EA | 2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 169.82 | 42.98 |
| 23 23 16 00-0098 | EA | 2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 264.77 | 65.28 |
| 23 23 16 00-0099 | EA | 3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 349.77 | 85.84 |
| 23 23 16 00-0100 | EA | 4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow | 744.97 | 101.99 |
| **23 23 16 00-0101** | | **ACR Wrought Copper 45 Degree Elbow** *(23 23 16 00-0058)* Note: C x C | | |
| 23 23 16 00-0102 | EA | 1/4" ACR Wrought Copper 45 Degree Elbow | 32.63 | 12.54 |
| 23 23 16 00-0103 | EA | 3/8" ACR Wrought Copper 45 Degree Elbow | 29.11 | 12.54 |
| 23 23 16 00-0104 | EA | 1/2" ACR Wrought Copper 45 Degree Elbow | 27.60 | 12.54 |
| 23 23 16 00-0105 | EA | 5/8" ACR Wrought Copper 45 Degree Elbow | 23.30 | 13.12 |
| 23 23 16 00-0106 | EA | 3/4" ACR Wrought Copper 45 Degree Elbow | 41.58 | 17.30 |
| 23 23 16 00-0107 | EA | 7/8" ACR Wrought Copper 45 Degree Elbow | 32.85 | 17.77 |
| 23 23 16 00-0108 | EA | 1-1/8" ACR Wrought Copper 45 Degree Elbow | 48.72 | 22.07 |
| 23 23 16 00-0109 | EA | 1-3/8" ACR Wrought Copper 45 Degree Elbow | 66.29 | 30.20 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 23 16 00-0110 | EA | 1-5/8" ACR Wrought Copper 45 Degree Elbow | 78.45 | 35.43 |
| 23 23 16 00-0111 | EA | 2-1/8" ACR Wrought Copper 45 Degree Elbow | 106.59 | 42.98 |
| 23 23 16 00-0112 | EA | 2-5/8" ACR Wrought Copper 45 Degree Elbow | 187.80 | 65.28 |
| 23 23 16 00-0113 | EA | 3-1/8" ACR Wrought Copper 45 Degree Elbow | 254.27 | 85.84 |
| 23 23 16 00-0114 | EA | 4-1/8" ACR Wrought Copper45 Degree Elbow | 420.34 | 101.99 |
| 23 23 16 00-0115 | | ACR Wrought Copper Tee *(23 23 16 00-0058)* | | |
| | | Note: C x C x C | | |
| 23 23 16 00-0116 | EA | 1/4" ACR Wrought Copper Tee | 42.39 | 20.90 |
| 23 23 16 00-0117 | EA | 3/8" ACR Wrought Copper Tee | 43.01 | 20.90 |
| 23 23 16 00-0118 | EA | 1/2" ACR Wrought Copper Tee | 40.71 | 20.90 |
| 23 23 16 00-0119 | EA | 5/8" ACR Wrought Copper Tee | 42.75 | 26.37 |
| 23 23 16 00-0120 | EA | 3/4" ACR Wrought Copper Tee | 60.80 | 26.37 |
| 23 23 16 00-0121 | EA | 7/8" ACR Wrought Copper Tee | 48.06 | 26.71 |
| 23 23 16 00-0122 | EA | 1-1/8" ACR Wrought Copper Tee | 77.90 | 35.43 |
| 23 23 16 00-0123 | EA | 1-3/8" ACR Wrought Copper Tee | 97.82 | 42.98 |
| 23 23 16 00-0124 | EA | 1-5/8" ACR Wrought Copper Tee | 128.02 | 51.00 |
| 23 23 16 00-0125 | EA | 2-1/8" ACR Wrought Copper Tee | 182.35 | 67.95 |
| 23 23 16 00-0126 | EA | 2-5/8" ACR Wrought Copper Tee | 384.67 | 148.34 |
| 23 23 16 00-0127 | EA | 3-1/8" ACR Wrought Copper Tee | 477.45 | 163.09 |
| 23 23 16 00-0128 | EA | 4-1/8" ACR Wrought Copper Tee | 835.40 | 181.21 |
| 23 23 16 00-0129 | | ACR Wrought Copper Male Adapter *(23 23 16 00-0058)* | | |
| | | Note: C x M | | |
| 23 23 16 00-0130 | EA | 1/4" ACR Wrought Copper Male Adapter | 36.14 | 12.54 |
| 23 23 16 00-0131 | EA | 3/8" ACR Wrought Copper Male Adapter | 41.77 | 12.54 |
| 23 23 16 00-0132 | EA | 1/2" ACR Wrought Copper Male Adapter | 32.41 | 12.54 |
| 23 23 16 00-0133 | | ACR Wrought Copper Female Adapter *(23 23 16 00-0058)* | | |
| | | Note: C x F | | |
| 23 23 16 00-0134 | EA | 1/4" ACR Wrought Copper Female Adapter | 33.92 | 12.54 |
| 23 23 16 00-0135 | EA | 3/8" ACR Wrought Copper Female Adapter | 30.69 | 12.54 |
| 23 23 16 00-0136 | EA | 1/2" ACR Wrought Copper Female Adapter | 31.91 | 12.54 |
| 23 23 16 00-0137 | | ACR Wrought Copper Cap *(23 23 16 00-0058)* | | |
| | | Note: C | | |
| 23 23 16 00-0138 | EA | 1/4" ACR Wrought Copper Cap | 15.21 | 8.36 |
| 23 23 16 00-0139 | EA | 3/8" ACR Wrought Copper Cap | 14.18 | 8.36 |
| 23 23 16 00-0140 | EA | 1/2" ACR Wrought Copper Cap | 15.18 | 8.36 |
| 23 23 16 00-0141 | | ACR Wrought Copper P-Trap *(23 23 16 00-0058)* | | |
| 23 23 16 00-0142 | EA | 5/8" ACR Wrought Copper P-Trap | 98.21 | 10.69 |
| 23 23 16 00-0143 | EA | 3/4" ACR Wrought Copper P-Trap | 133.84 | 11.77 |
| 23 23 16 00-0144 | EA | 7/8" ACR Wrought Copper P-Trap | 116.13 | 11.77 |
| 23 23 16 00-0145 | EA | 1-1/8" ACR Wrought Copper P-Trap | 158.50 | 12.84 |
| 23 23 16 00-0146 | EA | 1-3/8" ACR Wrought Copper P-Trap | 275.55 | 12.84 |
| 23 23 16 00-0147 | EA | 1-5/8" ACR Wrought Copper P-Trap | 389.56 | 13.91 |
| 23 23 16 00-0148 | EA | 2-1/8" ACR Wrought Copper P-Trap | 706.98 | 14.98 |
| 23 23 16 00-0149 | | Sight Glass With Moisture And Liquid Indicator, Solder Connection *(23 23 16)* | | |
| 23 23 16 00-0150 | EA | 1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 56.45 | 16.05 |
| 23 23 16 00-0151 | EA | 3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 68.42 | 19.26 |
| 23 23 16 00-0152 | EA | 1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 82.53 | 23.53 |
| 23 23 16 00-0153 | EA | 5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 90.96 | 26.75 |
| 23 23 16 00-0154 | EA | 7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 122.20 | 34.24 |
| 23 23 16 00-0155 | EA | 1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 141.80 | 41.73 |
| 23 23 16 00-0156 | EA | 1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 216.17 | 49.22 |
| 23 23 16 00-0157 | EA | 1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 267.80 | 67.40 |
| 23 23 16 00-0158 | EA | 2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection | 329.04 | 83.44 |
| 23 23 16 00-0159 | | Filter Driers, Solder Connections *(23 23 16)* | | |
| 23 23 16 00-0160 | | Replaceable Core Type Filter Driers, Solder Connections *(23 23 16 00-0159)* | | |
| 23 23 16 00-0161 | EA | 5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections | 487.11 | 9.63 |
| 23 23 16 00-0162 | EA | 7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections | 493.61 | 11.77 |
| 23 23 16 00-0163 | EA | 1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections | 631.36 | 11.77 |
| 23 23 16 00-0164 | EA | 1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections | 632.71 | 12.84 |
| 23 23 16 00-0165 | EA | 1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections | 707.87 | 13.91 |
| 23 23 16 00-0166 | EA | 2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections | 802.45 | 14.98 |
| 23 23 16 00-0167 | EA | 2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections | 938.77 | 16.05 |
| 23 23 16 00-0168 | EA | 3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections | 1,172.05 | 16.05 |
| 23 23 16 00-0169 | | Sealed In-Line Filter Driers, Solder Connections *(23 23 16 00-0159)* | | |
| 23 23 16 00-0170 | EA | 1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections | 84.28 | 9.63 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 23 16 00-0171 | EA | 3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections | 107.71 | 9.63 |
| 23 23 16 00-0172 | EA | 1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections | 137.23 | 10.69 |
| 23 23 16 00-0173 | EA | 1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections | 158.32 | 10.69 |
| 23 23 16 00-0174 | EA | 5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections | 174.45 | 10.69 |
| 23 23 16 00-0175 | EA | 5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections | 199.19 | 10.69 |
| 23 23 16 00-0176 | EA | 7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections | 224.44 | 11.77 |
| 23 23 16 00-0177 | EA | 7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections | 322.49 | 11.77 |
| 23 23 16 00-0178 | EA | 1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections | 352.29 | 11.77 |
| **23 23 16 00-0179** | | **Bi-Flow Filter Driers, Solder Connections** *(23 23 16 00-0159)* | | |
| 23 23 16 00-0180 | EA | 1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections | 114.98 | 9.63 |
| 23 23 16 00-0181 | EA | 3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections | 129.56 | 9.63 |
| 23 23 16 00-0182 | EA | 1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections | 155.10 | 10.69 |
| 23 23 16 00-0183 | EA | 3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections | 138.23 | 9.63 |
| 23 23 16 00-0184 | EA | 1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections | 172.98 | 10.69 |
| 23 23 16 00-0185 | EA | 5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections | 202.26 | 10.69 |
| **23 23 16 00-0186** | | **Refrigerant Compressor Discharge Mufflers** *(23 23 16)* | | |
| 23 23 16 00-0187 | EA | 3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler | 105.35 | 9.63 |
| 23 23 16 00-0188 | EA | 1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler | 116.39 | 9.63 |
| 23 23 16 00-0189 | EA | 5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler | 140.08 | 9.63 |
| 23 23 16 00-0190 | EA | 7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler | 188.15 | 11.77 |
| 23 23 16 00-0191 | EA | 1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler | 245.95 | 11.77 |
| 23 23 16 00-0192 | EA | 1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler | 292.46 | 12.84 |
| 23 23 16 00-0193 | EA | 1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler | 370.20 | 13.91 |
| 23 23 16 00-0194 | EA | 2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler | 666.78 | 14.98 |
| 23 23 16 00-0195 | EA | 2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler | 748.58 | 16.05 |
| 23 23 16 00-0196 | EA | 3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler | 927.02 | 16.05 |
| **23 23 16 00-0197** | | **Expansion Valves And Vibration Absorbers** *(23 23 16)* | | |
| **23 23 16 00-0198** | | **Thermostatic Expansion Valves** *(23 23 16 00-0197)* | | |
| | | Note: Outside diameter pipe sizes. Sporlan TP-S. | | |
| 23 23 16 00-0199 | EA | 3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve | 218.51 | 9.63 |
| 23 23 16 00-0200 | EA | 1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve | 304.10 | 10.69 |
| 23 23 16 00-0201 | EA | 5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve | 512.27 | 10.69 |
| 23 23 16 00-0202 | EA | 7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve | 607.52 | 11.77 |
| 23 23 16 00-0203 | EA | 7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve | 661.01 | 11.77 |
| **23 23 16 00-0204** | | **Electric Expansion Valves** *(23 23 16 00-0197)* | | |
| | | Note: Sporlan SEI or SEH. | | |
| 23 23 16 00-0205 | EA | 1/2 To 11 Ton Electric Expansion Valve<br>Note: Sporlan SEI. | 561.80 | 13.37 |
| 23 23 16 00-0206 | EA | 25 Ton Electric Expansion Valve<br>Note: Sporlan SEI. | 650.49 | 13.91 |
| 23 23 16 00-0207 | EA | 50 Ton Electric Expansion Valve<br>Note: Sporlan SEI. | 739.67 | 14.44 |
| 23 23 16 00-0208 | EA | 100 Ton Electric Expansion Valve<br>Note: Sporlan SEH. | 869.31 | 14.44 |
| 23 23 16 00-0209 | EA | 175 Ton Electric Expansion Valve<br>Note: Sporlan SEH. | 978.86 | 14.98 |
| **23 23 16 00-0210** | | **Braided Stainless Steel Over Copper Vibration Absorber** *(23 23 16 00-0197)* | | |
| 23 23 16 00-0211 | EA | 1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 58.08 | 13.91 |
| 23 23 16 00-0212 | EA | 3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 59.16 | 16.05 |
| 23 23 16 00-0213 | EA | 1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 76.44 | 20.33 |
| 23 23 16 00-0214 | EA | 5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 82.85 | 24.60 |
| 23 23 16 00-0215 | EA | 3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 97.81 | 29.95 |
| 23 23 16 00-0216 | EA | 7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 113.00 | 34.24 |
| 23 23 16 00-0217 | EA | 1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 160.73 | 12.84 |
| 23 23 16 00-0218 | EA | 1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 224.59 | 13.91 |
| 23 23 16 00-0219 | EA | 1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 279.54 | 13.91 |
| 23 23 16 00-0220 | EA | 2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 379.37 | 14.98 |
| 23 23 16 00-0221 | EA | 2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 641.83 | 16.05 |
| 23 23 16 00-0222 | EA | 3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber | 839.78 | 16.05 |
| **23 23 16 00-0223** | | **Accumulator, Refrigerant Suction Line** *(23 23 16)* | | |
| 23 23 16 00-0224 | EA | 3/4" Accumulator, Refrigeration Suction Line | 186.21 | 48.68 |
| 23 23 16 00-0225 | EA | 7/8" Accumulator, Refrigeration Suction Line | 252.53 | 66.86 |
| 23 23 16 00-0226 | EA | 1-1/8" Accumulator, Refrigeration Suction Line | 302.65 | 89.12 |
| 23 23 16 00-0227 | EA | 1 3/8" Accumulator, Refrigeration Suction Line | 423.47 | 106.98 |
| 23 23 16 00-0228 | EA | 1-5/8" Accumulator, Refrigeration Suction Line | 581.45 | 133.73 |
| 23 23 16 00-0229 | EA | 2-1/8" Accumulator, Refrigeration Suction Line | 880.24 | 178.34 |
| **23 23 16 00-0230** | | **Special Chemicals/Component** *(23 23 16)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 23 16 00-0231 | GAL | Special Chemical, Inhibited Propylene Glycol, 100% | 36.32 | |
| 23 23 16 00-0232 | GAL | Removal And Storage For Reuse Of Inhibited Propylene Glycol | 8.30 | |
| 23 23 16 00-0233 | GAL | Special Chemical, Inhibited Ethylene Glycol, 100% | 24.80 | |
| 23 23 16 00-0234 | EA | Internal Coil/Refrigerant Piping Flush<br>Note: Up to 10 ton AC system. | 314.68 | |

### 23 23 23 Refrigerants *(23 23)*

23 23 23 00-0001 Refrigerant *(23 23 23)*

| | | | | |
|---|---|---|---|---|
| 23 23 23 00-0002 | LB | R-113 Refrigerant | 25.86 | |
| 23 23 23 00-0003 | LB | R-123 Refrigerant | 18.97 | |
| 23 23 23 00-0004 | LB | R-134A Refrigerant | 6.76 | |
| 23 23 23 00-0005 | LB | R-404A Refrigerant | 12.10 | |
| 23 23 23 00-0006 | LB | R-407C Refrigerant | 11.97 | |
| 23 23 23 00-0007 | LB | R-408A Refrigerant | 27.29 | |
| 23 23 23 00-0008 | LB | R-410A Refrigerant | 11.73 | |
| 23 23 23 00-0009 | LB | R-500 Refrigerant | 23.18 | |
| 23 23 23 00-0010 | LB | R-507 Refrigerant | 7.46 | |

## 23 25 HVAC Water Treatment *(23 20)*

### 23 25 13 Water Treatment for Closed-Loop Hydronic Systems *(23 25)*

23 25 13 00-0001 Polyethylene Chemical Storage Tanks *(23 25 13)*

| | | | | |
|---|---|---|---|---|
| 23 25 13 00-0002 | EA | 15 Gallon Chemical Storage Tank, Polyethylene | 390.02 | 89.32 |

23 25 13 00-0003 Gas Chlorinator *(23 25 13)*

| | | | | |
|---|---|---|---|---|
| 23 25 13 00-0004 | EA | Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit | 1,162.97 | 406.40 |
| | | *For Booster Pump, Add* | *455.38* | |
| 23 25 13 00-0005 | EA | Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit | 1,328.68 | 464.46 |
| | | *For Booster Pump, Add* | *520.53* | |
| 23 25 13 00-0006 | EA | Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit | 1,828.71 | 351.83 |
| | | *For Booster Pump, Add* | *636.03* | |

23 25 13 00-0007 Bypass Shot Feeders *(23 25 13)*
Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG *(23 25 13 00-0007)*

| | | | | |
|---|---|---|---|---|
| 23 25 13 00-0009 | EA | 1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG | 1,063.20 | 302.76 |

23 25 13 00-0010 Floor Mount, 175 PSIG *(23 25 13 00-0007)*

| | | | | |
|---|---|---|---|---|
| 23 25 13 00-0011 | EA | 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG | 1,564.45 | 455.75 |
| 23 25 13 00-0012 | EA | 12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG | 2,062.91 | 603.39 |

23 25 13 00-0013 Floor Mount, 150 LB ASME Code *(23 25 13 00-0007)*

| | | | | |
|---|---|---|---|---|
| 23 25 13 00-0014 | EA | 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code | 1,564.45 | 455.75 |
| 23 25 13 00-0015 | EA | 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code | 2,062.91 | 603.39 |

23 25 13 00-0016 Floor Mount, 300 LB ASME Code *(23 25 13 00-0007)*

| | | | | |
|---|---|---|---|---|
| 23 25 13 00-0017 | EA | 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code | 1,949.16 | 455.75 |
| 23 25 13 00-0018 | EA | 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code | 2,462.38 | 603.39 |

## 23 30 HVAC Air Distribution *(23)*

### 23 31 HVAC Ducts and Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0393 for angle iron, 23 05 29 00-0001 for threaded rod.

### 23 31 13 Metal Ducts *(23 31)*

#### 23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*
Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork *(23 31 13 13-0001)*
Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 13-0003 | LB | 2" WG And Less (Class C), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork | 10.93 | 2.79 |
| | | *For Polyvinyl Chloride (PVC) Coated, Add* | *0.47* | |
| | | *For Up To 200, Add* | *3.98* | |
| | | *For >200 To 500, Add* | *2.55* | |
| | | *For >500 To 1,000, Add* | *1.69* | |
| | | *For >1,000 To 2,000, Add* | *0.94* | |
| | | *For >2,000 To 5,000, Add* | *0.41* | |
| | | *For Work In Restricted Working Space, Add* | *2.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.58* | |
| | | *For Elevated Installation >40', Add* | *2.83* | |
| 23 31 13 13-0004 | LB | 3" WG (Class B), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork | 12.21 | 2.79 |
| | | *For Polyvinyl Chloride (PVC) Coated, Add* | *0.47* | |
| | | *For Up To 200, Add* | *4.37* | |
| | | *For >200 To 500, Add* | *2.78* | |
| | | *For >500 To 1,000, Add* | *1.87* | |
| | | *For >1,000 To 2,000, Add* | *1.05* | |
| | | *For >2,000 To 5,000, Add* | *0.47* | |
| | | *For Work In Restricted Working Space, Add* | *2.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.59* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.37* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.96* | |
| | | *For Elevated Installation >40', Add* | *3.26* | |
| 23 31 13 13-0005 | LB | 4" Or 6" WG (Class A), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork | 14.36 | 2.79 |
| | | *For Polyvinyl Chloride (PVC) Coated, Add* | *0.47* | |
| | | *For Up To 200, Add* | *5.01* | |
| | | *For >200 To 500, Add* | *3.17* | |
| | | *For >500 To 1,000, Add* | *2.17* | |
| | | *For >1,000 To 2,000, Add* | *1.22* | |
| | | *For >2,000 To 5,000, Add* | *0.55* | |
| | | *For Work In Restricted Working Space, Add* | *3.61* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.80* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.88* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.61* | |
| | | *For Elevated Installation >40', Add* | *3.97* | |

### 23 31 13 13-0006 Alloy 3003-H14, Aluminum Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge – 0.901 LB/SF; 12 gauge – 0.141 LB/SF

| | | | | |
|---|---|---|---|---|
| 23 31 13 13-0007 | LB | 2" WG And Less (Class C), Alloy 3003-H14, Aluminum Sheet Metal Ductwork | 20.76 | 2.79 |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Up To 200, Add* | *7.37* | |
| | | *For >200 To 500, Add* | *4.68* | |
| | | *For >500 To 1,000, Add* | *3.17* | |
| | | *For >1,000 To 2,000, Add* | *1.77* | |
| | | *For >2,000 To 5,000, Add* | *0.79* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.56* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.07* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.09* | |
| | | *For Elevated Installation >40', Add* | *5.60* | |
| 23 31 13 13-0008 | LB | 3" WG (Class B), Alloy 3003-H14, Aluminum Sheet Metal Ductwork | 23.30 | 2.79 |
| | | *For Work In Restricted Working Space, Add* | *5.85* | |
| | | *For Up To 200, Add* | *8.13* | |
| | | *For >200 To 500, Add* | *5.14* | |
| | | *For >500 To 1,000, Add* | *3.53* | |
| | | *For >1,000 To 2,000, Add* | *1.98* | |
| | | *For >2,000 To 5,000, Add* | *0.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.17* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.34* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.93* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.68* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.85* | |
| | | *For Elevated Installation >40', Add* | *6.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 13-0009 | LB | 4" Or 6" WG (Class A), Alloy 3003-H14, Aluminum Sheet Metal Ductwork | 27.54 | 2.79 |
| | | *For Work In Restricted Working Space, Add* | *7.13* | |
| | | *For Up To 200, Add* | *9.40* | |
| | | *For >200 To 500, Add* | *5.90* | |
| | | *For >500 To 1,000, Add* | *4.12* | |
| | | *For >1,000 To 2,000, Add* | *2.32* | |
| | | *For >2,000 To 5,000, Add* | *1.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.43* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.99* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.70* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.13* | |
| | | *For Elevated Installation >40', Add* | *7.84* | |

### 23 31 13 13-0010 Type 304, Stainless Steel Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge – 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge – 3.154 LB/SF; 12 gauge – 4.427 LB/SF

| | | | | |
|---|---|---|---|---|
| 23 31 13 13-0011 | LB | 2" WG And Less (Class C), Type 304, Stainless Steel Sheet Metal Ductwork | 15.29 | 3.71 |
| | | *For Work In Restricted Working Space, Add* | *3.13* | |
| | | *For Welded Seams, Add* | *5.46* | |
| | | *For Up To 200, Add* | *6.05* | |
| | | *For >200 To 500, Add* | *3.97* | |
| | | *For >500 To 1,000, Add* | *2.48* | |
| | | *For >1,000 To 2,000, Add* | *1.37* | |
| | | *For >2,000 To 5,000, Add* | *0.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.63* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.25* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.19* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.13* | |
| | | *For Elevated Installation >40', Add* | *3.44* | |
| 23 31 13 13-0012 | LB | 3" WG (Class B), Type 304, Stainless Steel Sheet Metal Ductwork | 17.44 | 3.71 |
| | | *For Work In Restricted Working Space, Add* | *3.77* | |
| | | *For Welded Seams, Add* | *6.53* | |
| | | *For Up To 200, Add* | *6.69* | |
| | | *For >200 To 500, Add* | *4.35* | |
| | | *For >500 To 1,000, Add* | *2.78* | |
| | | *For >1,000 To 2,000, Add* | *1.54* | |
| | | *For >2,000 To 5,000, Add* | *0.65* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.51* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.89* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.77* | |
| | | *For Elevated Installation >40', Add* | *4.15* | |
| 23 31 13 13-0013 | LB | 4" Or 6" WG (Class A), Type 304, Stainless Steel Sheet Metal Ductwork | 19.45 | 3.71 |
| | | *For Work In Restricted Working Space, Add* | *4.38* | |
| | | *For Welded Seams, Add* | *7.54* | |
| | | *For Up To 200, Add* | *7.29* | |
| | | *For >200 To 500, Add* | *4.72* | |
| | | *For >500 To 1,000, Add* | *3.06* | |
| | | *For >1,000 To 2,000, Add* | *1.70* | |
| | | *For >2,000 To 5,000, Add* | *0.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.88* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.38* | |
| | | *For Elevated Installation >40', Add* | *4.81* | |

### 23 31 13 13-0014 Rework Sheet Metal Ductwork *(23 31 13 13)*

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

| | | | |
|---|---|---|---|
| 23 31 13 13-0015 | LF | Up To 1 SF Cross Section, Rework Existing Ductwork | 27.88 |
| 23 31 13 13-0016 | LF | >1 To 2 SF Cross Section, Rework Existing Ductwork | 54.35 |
| 23 31 13 13-0017 | LF | >2 To 4 SF Cross Section, Rework Existing Ductwork | 71.82 |
| 23 31 13 13-0018 | LF | >4 To 6 SF Cross Section, Rework Existing Ductwork | 89.94 |
| 23 31 13 13-0019 | LF | >6 To 8 SF Cross Section, Rework Existing Ductwork | 125.43 |
| 23 31 13 13-0020 | LF | >8 To 10 SF Cross Section, Rework Existing Ductwork | 146.33 |
| 23 31 13 13-0021 | LF | >10 To 12 SF Cross Section, Rework Existing Ductwork | 167.24 |
| 23 31 13 13-0022 | LF | >12 To 14 SF Cross Section, Rework Existing Ductwork | 188.14 |

## 23 31 13 16 Round and Flat-Oval Spiral Ducts *(23 31 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0001 | | **Low Pressure Round And Flat-Oval Duct** *(23 31 13 16)*<br>Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer. | | |
| 23 31 13 16-0002 | | **2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Ducts** *(23 31 13 16-0001)*<br>Note: Includes straps and supports. | | |
| 23 31 13 16-0003 | LF | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 6.01 | 2.44 |
| | | *For 3" WG (Class B), Add* | *0.75* | |
| | | *For 4" Or 6" WG (Class A), Add* | *2.00* | |
| | | *For 28 Gauge, Deduct* | *-0.14* | |
| | | *For 24 Gauge, Add* | *0.14* | |
| | | *For 22 Gauge, Add* | *0.28* | |
| | | *For 20 Gauge, Add* | *0.42* | |
| | | *For 18 Gauge, Add* | *0.56* | |
| | | *For 16 Gauge, Add* | *0.68* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *0.75* | |
| | | *For Work In Restricted Working Space, Add* | *1.50* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.75* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.00* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.50* | |
| | | *For Elevated Installation >40', Add* | *2.75* | |
| 23 31 13 16-0004 | LF | 5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 6.84 | 2.77 |
| | | *For 3" WG (Class B), Add* | *0.83* | |
| | | *For 4" Or 6" WG (Class A), Add* | *2.22* | |
| | | *For 28 Gauge, Deduct* | *-0.18* | |
| | | *For 24 Gauge, Add* | *0.18* | |
| | | *For 22 Gauge, Add* | *0.36* | |
| | | *For 20 Gauge, Add* | *0.53* | |
| | | *For 18 Gauge, Add* | *0.71* | |
| | | *For 16 Gauge, Add* | *0.87* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *0.95* | |
| | | *For Work In Restricted Working Space, Add* | *1.67* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.56* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.11* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.39* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.22* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.78* | |
| | | *For Elevated Installation >40', Add* | *3.05* | |
| 23 31 13 16-0005 | LF | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 7.71 | 3.32 |
| | | *For 3" WG (Class B), Add* | *0.94* | |
| | | *For 4" Or 6" WG (Class A), Add* | *2.50* | |
| | | *For 28 Gauge, Deduct* | *-0.20* | |
| | | *For 24 Gauge, Add* | *0.20* | |
| | | *For 22 Gauge, Add* | *0.40* | |
| | | *For 20 Gauge, Add* | *0.61* | |
| | | *For 18 Gauge, Add* | *0.81* | |
| | | *For 16 Gauge, Add* | *0.99* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *1.09* | |
| | | *For Work In Restricted Working Space, Add* | *1.87* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.62* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.25* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.18* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.12* | |
| | | *For Elevated Installation >40', Add* | *3.43* | |
| 23 31 13 16-0006 | LF | 7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 8.87 | 3.88 |
| | | *For 3" WG (Class B), Add* | *1.07* | |
| | | *For 4" Or 6" WG (Class A), Add* | *2.85* | |
| | | *For 28 Gauge, Deduct* | *-0.24* | |
| | | *For 24 Gauge, Add* | *0.24* | |
| | | *For 22 Gauge, Add* | *0.48* | |
| | | *For 20 Gauge, Add* | *0.72* | |
| | | *For 18 Gauge, Add* | *0.96* | |
| | | *For 16 Gauge, Add* | *1.17* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *1.29* | |
| | | *For Work In Restricted Working Space, Add* | *2.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.43* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.50* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.85* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.57* | |
| | | *For Elevated Installation >40', Add* | *3.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0007 | LF | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 10.25 | 4.43 |
| | | *For 3" WG (Class B), Add* | *1.25* | |
| | | *For 4" Or 6" WG (Class A), Add* | *3.33* | |
| | | *For 28 Gauge, Deduct* | *-0.27* | |
| | | *For 24 Gauge, Add* | *0.27* | |
| | | *For 22 Gauge, Add* | *0.53* | |
| | | *For 20 Gauge, Add* | *0.80* | |
| | | *For 18 Gauge, Add* | *1.06* | |
| | | *For 16 Gauge, Add* | *1.30* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *1.43* | |
| | | *For Work In Restricted Working Space, Add* | *2.50* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.83* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.08* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.91* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.33* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.16* | |
| | | *For Elevated Installation >40', Add* | *4.58* | |
| 23 31 13 16-0008 | LF | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 12.36 | 5.55 |
| | | *For 3" WG (Class B), Add* | *1.50* | |
| | | *For 4" Or 6" WG (Class A), Add* | *3.99* | |
| | | *For 28 Gauge, Deduct* | *-0.33* | |
| | | *For 24 Gauge, Add* | *0.33* | |
| | | *For 22 Gauge, Add* | *0.66* | |
| | | *For 20 Gauge, Add* | *0.99* | |
| | | *For 18 Gauge, Add* | *1.31* | |
| | | *For 16 Gauge, Add* | *1.61* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *1.76* | |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.00* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.50* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.99* | |
| | | *For Elevated Installation >40', Add* | *5.49* | |
| 23 31 13 16-0009 | LF | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 15.41 | 7.44 |
| | | *For 3" WG (Class B), Add* | *1.87* | |
| | | *For 4" Or 6" WG (Class A), Add* | *4.99* | |
| | | *For 28 Gauge, Deduct* | *-0.41* | |
| | | *For 24 Gauge, Add* | *0.40* | |
| | | *For 22 Gauge, Add* | *0.81* | |
| | | *For 20 Gauge, Add* | *1.21* | |
| | | *For 18 Gauge, Add* | *1.61* | |
| | | *For 16 Gauge, Add* | *1.98* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *2.17* | |
| | | *For Work In Restricted Working Space, Add* | *3.74* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.25* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.24* | |
| | | *For Elevated Installation >40', Add* | *6.86* | |
| 23 31 13 16-0010 | LF | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 19.01 | 11.09 |
| | | *For 3" WG (Class B), Add* | *2.34* | |
| | | *For 4" Or 6" WG (Class A), Add* | *6.24* | |
| | | *For 28 Gauge, Deduct* | *-0.47* | |
| | | *For 24 Gauge, Add* | *0.47* | |
| | | *For 22 Gauge, Add* | *0.94* | |
| | | *For 20 Gauge, Add* | *1.41* | |
| | | *For 18 Gauge, Add* | *1.88* | |
| | | *For 16 Gauge, Add* | *2.30* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *2.52* | |
| | | *For Work In Restricted Working Space, Add* | *4.68* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.56* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.80* | |
| | | *For Elevated Installation >40', Add* | *8.58* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0011 | LF | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 25.86 | 14.87 |
| | | *For 3" WG (Class B), Add* | *3.12* | |
| | | *For 4" Or 6" WG (Class A), Add* | *8.32* | |
| | | *For 28 Gauge, Deduct* | *-0.70* | |
| | | *For 24 Gauge, Add* | *0.70* | |
| | | *For 22 Gauge, Add* | *1.39* | |
| | | *For 20 Gauge, Add* | *2.09* | |
| | | *For 18 Gauge, Add* | *2.78* | |
| | | *For 16 Gauge, Add* | *3.41* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.74* | |
| | | *For Work In Restricted Working Space, Add* | *6.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.16* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.20* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.41* | |
| | | *For Elevated Installation >40', Add* | *11.45* | |
| 23 31 13 16-0012 | LF | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 30.58 | 17.86 |
| | | *For 28 Gauge, Deduct* | *-0.78* | |
| | | *For 24 Gauge, Add* | *0.77* | |
| | | *For 22 Gauge, Add* | *1.55* | |
| | | *For 20 Gauge, Add* | *2.32* | |
| | | *For 18 Gauge, Add* | *3.09* | |
| | | *For 16 Gauge, Add* | *3.79* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.15* | |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.24* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.49* | |
| | | *For Elevated Installation >40', Add* | *13.73* | |
| 23 31 13 16-0013 | LF | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct | 35.10 | 20.63 |
| | | *For 28 Gauge, Deduct* | *-0.87* | |
| | | *For 24 Gauge, Add* | *0.86* | |
| | | *For 22 Gauge, Add* | *1.72* | |
| | | *For 20 Gauge, Add* | *2.59* | |
| | | *For 18 Gauge, Add* | *3.44* | |
| | | *For 16 Gauge, Add* | *4.22* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.63* | |
| | | *For Work In Restricted Working Space, Add* | *8.66* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.89* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.77* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.43* | |
| | | *For Elevated Installation >40', Add* | *15.87* | |

### 23 31 13 16-0014 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows *(23 31 13 16-0001)*

Note: Up to 90 degree.

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0015 | EA | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 34.37 | 14.81 |
| | | *For 3" WG (Class B), Add* | *4.44* | |
| | | *For 4" Or 6" WG (Class A), Add* | *11.85* | |
| | | *For 28 Gauge, Deduct* | *-0.66* | |
| | | *For 24 Gauge, Add* | *0.66* | |
| | | *For 22 Gauge, Add* | *1.31* | |
| | | *For 20 Gauge, Add* | *1.97* | |
| | | *For 18 Gauge, Add* | *2.61* | |
| | | *For 16 Gauge, Add* | *3.21* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.52* | |
| | | *For Work In Restricted Working Space, Add* | *8.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.85* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.81* | |
| | | *For Elevated Installation >40', Add* | *16.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0016 | EA | 5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 39.35 | 17.09 |
| | | *For 3" WG (Class B), Add* | *5.13* | |
| | | *For 4" Or 6" WG (Class A), Add* | *13.67* | |
| | | *For 28 Gauge, Deduct* | *-0.72* | |
| | | *For 24 Gauge, Add* | *0.71* | |
| | | *For 22 Gauge, Add* | *1.42* | |
| | | *For 20 Gauge, Add* | *2.14* | |
| | | *For 18 Gauge, Add* | *2.84* | |
| | | *For 16 Gauge, Add* | *3.49* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.83* | |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.84* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.80* | |
| 23 31 13 16-0017 | EA | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 46.20 | 20.19 |
| | | *For 3" WG (Class B), Add* | *6.06* | |
| | | *For 4" Or 6" WG (Class A), Add* | *16.15* | |
| | | *For 28 Gauge, Deduct* | *-0.81* | |
| | | *For 24 Gauge, Add* | *0.80* | |
| | | *For 22 Gauge, Add* | *1.60* | |
| | | *For 20 Gauge, Add* | *2.41* | |
| | | *For 18 Gauge, Add* | *3.20* | |
| | | *For 16 Gauge, Add* | *3.93* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.31* | |
| | | *For Work In Restricted Working Space, Add* | *12.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.19* | |
| | | *For Elevated Installation >40', Add* | *22.21* | |
| 23 31 13 16-0018 | EA | 7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 59.07 | 25.96 |
| | | *For 3" WG (Class B), Add* | *7.79* | |
| | | *For 4" Or 6" WG (Class A), Add* | *20.77* | |
| | | *For 28 Gauge, Deduct* | *-0.99* | |
| | | *For 24 Gauge, Add* | *0.99* | |
| | | *For 22 Gauge, Add* | *1.97* | |
| | | *For 20 Gauge, Add* | *2.96* | |
| | | *For 18 Gauge, Add* | *3.93* | |
| | | *For 16 Gauge, Add* | *4.83* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.29* | |
| | | *For Work In Restricted Working Space, Add* | *15.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.38* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.77* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.96* | |
| | | *For Elevated Installation >40', Add* | *28.56* | |
| 23 31 13 16-0019 | EA | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 70.96 | 31.62 |
| | | *For 3" WG (Class B), Add* | *9.49* | |
| | | *For 4" Or 6" WG (Class A), Add* | *25.30* | |
| | | *For 28 Gauge, Deduct* | *-1.07* | |
| | | *For 24 Gauge, Add* | *1.07* | |
| | | *For 22 Gauge, Add* | *2.13* | |
| | | *For 20 Gauge, Add* | *3.20* | |
| | | *For 18 Gauge, Add* | *4.25* | |
| | | *For 16 Gauge, Add* | *5.21* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.71* | |
| | | *For Work In Restricted Working Space, Add* | *18.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.32* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.62* | |
| | | *For Elevated Installation >40', Add* | *34.78* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0020 | EA | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 108.93 | 49.37 |
| | | *For 3" WG (Class B), Add* | *14.81* | |
| | | *For 4" Or 6" WG (Class A), Add* | *39.50* | |
| | | *For 28 Gauge, Deduct* | *-1.41* | |
| | | *For 24 Gauge, Add* | *1.41* | |
| | | *For 22 Gauge, Add* | *2.81* | |
| | | *For 20 Gauge, Add* | *4.22* | |
| | | *For 18 Gauge, Add* | *5.60* | |
| | | *For 16 Gauge, Add* | *6.88* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *7.54* | |
| | | *For Work In Restricted Working Space, Add* | *29.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.69* | |
| | | *For Elevated Installation >25' To 30', Add* | *34.56* | |
| | | *For Elevated Installation >30' To 35', Add* | *39.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *49.37* | |
| | | *For Elevated Installation >40', Add* | *54.31* | |
| 23 31 13 16-0021 | EA | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 150.26 | 68.23 |
| | | *For 3" WG (Class B), Add* | *20.47* | |
| | | *For 4" Or 6" WG (Class A), Add* | *54.58* | |
| | | *For 28 Gauge, Deduct* | *-1.91* | |
| | | *For 24 Gauge, Add* | *1.90* | |
| | | *For 22 Gauge, Add* | *3.80* | |
| | | *For 20 Gauge, Add* | *5.71* | |
| | | *For 18 Gauge, Add* | *7.59* | |
| | | *For 16 Gauge, Add* | *9.32* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *10.21* | |
| | | *For Work In Restricted Working Space, Add* | *40.94* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *47.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *54.58* | |
| | | *For Elevated Installation >35' To 40', Add* | *68.23* | |
| | | *For Elevated Installation >40', Add* | *75.05* | |
| 23 31 13 16-0022 | EA | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 182.59 | 80.71 |
| | | *For 3" WG (Class B), Add* | *24.21* | |
| | | *For 4" Or 6" WG (Class A), Add* | *64.57* | |
| | | *For 28 Gauge, Deduct* | *-2.93* | |
| | | *For 24 Gauge, Add* | *2.92* | |
| | | *For 22 Gauge, Add* | *5.83* | |
| | | *For 20 Gauge, Add* | *8.76* | |
| | | *For 18 Gauge, Add* | *11.64* | |
| | | *For 16 Gauge, Add* | *14.28* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *15.66* | |
| | | *For Work In Restricted Working Space, Add* | *48.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.36* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.50* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.72* | |
| | | *For Elevated Installation >40', Add* | *88.79* | |
| 23 31 13 16-0023 | EA | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 207.84 | 88.75 |
| | | *For 3" WG (Class B), Add* | *26.63* | |
| | | *For 4" Or 6" WG (Class A), Add* | *71.00* | |
| | | *For 28 Gauge, Deduct* | *-4.20* | |
| | | *For 24 Gauge, Add* | *4.19* | |
| | | *For 22 Gauge, Add* | *8.36* | |
| | | *For 20 Gauge, Add* | *12.56* | |
| | | *For 18 Gauge, Add* | *16.68* | |
| | | *For 16 Gauge, Add* | *20.47* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *22.44* | |
| | | *For Work In Restricted Working Space, Add* | *53.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *62.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *71.00* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.76* | |
| | | *For Elevated Installation >40', Add* | *97.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0024 | EA | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 230.13 | 92.36 |
| | | *For 3" WG (Class B), Add* | *27.71* | |
| | | *For 4" Or 6" WG (Class A), Add* | *73.89* | |
| | | *For 28 Gauge, Deduct* | *-6.29* | |
| | | *For 24 Gauge, Add* | *6.27* | |
| | | *For 22 Gauge, Add* | *12.51* | |
| | | *For 20 Gauge, Add* | *18.80* | |
| | | *For 18 Gauge, Add* | *24.98* | |
| | | *For 16 Gauge, Add* | *30.65* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *33.60* | |
| | | *For Work In Restricted Working Space, Add* | *55.42* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.47* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.94* | |
| | | *For Elevated Installation >20' To 25', Add* | *46.18* | |
| | | *For Elevated Installation >25' To 30', Add* | *64.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *73.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *92.36* | |
| | | *For Elevated Installation >40', Add* | *101.60* | |
| | | *For 10" WG (Class A), Add* | *84.97* | |
| 23 31 13 16-0025 | EA | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow | 251.36 | 95.41 |
| | | *For 3" WG (Class B), Add* | *28.62* | |
| | | *For 4" Or 6" WG (Class A), Add* | *76.33* | |
| | | *For 28 Gauge, Deduct* | *-8.38* | |
| | | *For 24 Gauge, Add* | *8.35* | |
| | | *For 22 Gauge, Add* | *16.68* | |
| | | *For 20 Gauge, Add* | *25.06* | |
| | | *For 18 Gauge, Add* | *33.30* | |
| | | *For 16 Gauge, Add* | *40.86* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *44.80* | |
| | | *For Work In Restricted Working Space, Add* | *57.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *19.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *38.16* | |
| | | *For Elevated Installation >20' To 25', Add* | *47.71* | |
| | | *For Elevated Installation >25' To 30', Add* | *66.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *76.33* | |
| | | *For Elevated Installation >35' To 40', Add* | *95.41* | |
| | | *For Elevated Installation >40', Add* | *104.95* | |
| | | *For 10" WG (Class A), Add* | *87.78* | |

### 23 31 13 16-0026 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows *(23 31 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0027 | EA | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 28.96 | 9.98 |
| | | *For 3" WG (Class B), Add* | *3.75* | |
| | | *For 4" Or 6" WG (Class A), Add* | *9.99* | |
| | | *For 28 Gauge, Deduct* | *-0.55* | |
| | | *For 24 Gauge, Add* | *0.55* | |
| | | *For 22 Gauge, Add* | *1.10* | |
| | | *For 20 Gauge, Add* | *1.65* | |
| | | *For 18 Gauge, Add* | *2.19* | |
| | | *For 16 Gauge, Add* | *2.69* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *2.95* | |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.24* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.49* | |
| | | *For Elevated Installation >40', Add* | *13.73* | |
| 23 31 13 16-0028 | EA | 5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 33.08 | 11.43 |
| | | *For 3" WG (Class B), Add* | *4.28* | |
| | | *For 4" Or 6" WG (Class A), Add* | *11.41* | |
| | | *For 28 Gauge, Deduct* | *-0.63* | |
| | | *For 24 Gauge, Add* | *0.63* | |
| | | *For 22 Gauge, Add* | *1.25* | |
| | | *For 20 Gauge, Add* | *1.88* | |
| | | *For 18 Gauge, Add* | *2.50* | |
| | | *For 16 Gauge, Add* | *3.07* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.37* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.71* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.99* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.27* | |
| | | *For Elevated Installation >40', Add* | *15.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0029 | EA | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 38.47 | 13.31 |
| | | *For 3" WG (Class B), Add* | *4.99* | |
| | | *For 4" Or 6" WG (Class A), Add* | *13.31* | |
| | | *For 28 Gauge, Deduct* | *-0.72* | |
| | | *For 24 Gauge, Add* | *0.72* | |
| | | *For 22 Gauge, Add* | *1.43* | |
| | | *For 20 Gauge, Add* | *2.15* | |
| | | *For 18 Gauge, Add* | *2.85* | |
| | | *For 16 Gauge, Add* | *3.50* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.84* | |
| | | *For Work In Restricted Working Space, Add* | *9.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.32* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.64* | |
| | | *For Elevated Installation >40', Add* | *18.30* | |
| 23 31 13 16-0030 | EA | 7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 45.43 | 15.98 |
| | | *For 3" WG (Class B), Add* | *5.99* | |
| | | *For 4" Or 6" WG (Class A), Add* | *15.98* | |
| | | *For 28 Gauge, Deduct* | *-0.76* | |
| | | *For 24 Gauge, Add* | *0.76* | |
| | | *For 22 Gauge, Add* | *1.51* | |
| | | *For 20 Gauge, Add* | *2.27* | |
| | | *For 18 Gauge, Add* | *3.02* | |
| | | *For 16 Gauge, Add* | *3.71* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.06* | |
| | | *For Work In Restricted Working Space, Add* | *11.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.99* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.98* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.97* | |
| | | *For Elevated Installation >40', Add* | *21.97* | |
| 23 31 13 16-0031 | EA | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 56.30 | 19.97 |
| | | *For 3" WG (Class B), Add* | *7.49* | |
| | | *For 4" Or 6" WG (Class A), Add* | *19.97* | |
| | | *For 28 Gauge, Deduct* | *-0.88* | |
| | | *For 24 Gauge, Add* | *0.88* | |
| | | *For 22 Gauge, Add* | *1.76* | |
| | | *For 20 Gauge, Add* | *2.64* | |
| | | *For 18 Gauge, Add* | *3.51* | |
| | | *For 16 Gauge, Add* | *4.31* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.72* | |
| | | *For Work In Restricted Working Space, Add* | *14.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.97* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.96* | |
| | | *For Elevated Installation >40', Add* | *27.46* | |
| 23 31 13 16-0032 | EA | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 75.68 | 26.63 |
| | | *For 3" WG (Class B), Add* | *9.99* | |
| | | *For 4" Or 6" WG (Class A), Add* | *26.63* | |
| | | *For 28 Gauge, Deduct* | *-1.26* | |
| | | *For 24 Gauge, Add* | *1.26* | |
| | | *For 22 Gauge, Add* | *2.51* | |
| | | *For 20 Gauge, Add* | *3.77* | |
| | | *For 18 Gauge, Add* | *5.01* | |
| | | *For 16 Gauge, Add* | *6.15* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *6.74* | |
| | | *For Work In Restricted Working Space, Add* | *19.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.64* | |
| | | *For Elevated Installation >25' To 30', Add* | *23.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *33.29* | |
| | | *For Elevated Installation >40', Add* | *36.61* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0033 | EA | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 111.90 | 39.94 |
| | | *For 3" WG (Class B), Add* | *14.98* | |
| | | *For 4" Or 6" WG (Class A), Add* | *39.94* | |
| | | *For 28 Gauge, Deduct* | *-1.67* | |
| | | *For 24 Gauge, Add* | *1.66* | |
| | | *For 22 Gauge, Add* | *3.32* | |
| | | *For 20 Gauge, Add* | *4.99* | |
| | | *For 18 Gauge, Add* | *6.63* | |
| | | *For 16 Gauge, Add* | *8.13* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *8.92* | |
| | | *For Work In Restricted Working Space, Add* | *29.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.97* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *34.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *39.94* | |
| | | *For Elevated Installation >35' To 40', Add* | *49.93* | |
| | | *For Elevated Installation >40', Add* | *54.92* | |
| 23 31 13 16-0034 | EA | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 150.14 | 51.03 |
| | | *For 3" WG (Class B), Add* | *19.14* | |
| | | *For 4" Or 6" WG (Class A), Add* | *51.03* | |
| | | *For 28 Gauge, Deduct* | *-3.12* | |
| | | *For 24 Gauge, Add* | *3.11* | |
| | | *For 22 Gauge, Add* | *6.22* | |
| | | *For 20 Gauge, Add* | *9.34* | |
| | | *For 18 Gauge, Add* | *12.41* | |
| | | *For 16 Gauge, Add* | *15.23* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *16.69* | |
| | | *For Work In Restricted Working Space, Add* | *38.27* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.76* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.52* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *44.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *51.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *63.79* | |
| | | *For Elevated Installation >40', Add* | *70.17* | |
| 23 31 13 16-0035 | EA | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 188.48 | 64.35 |
| | | *For 3" WG (Class B), Add* | *24.13* | |
| | | *For 4" Or 6" WG (Class A), Add* | *64.35* | |
| | | *For 28 Gauge, Deduct* | *-3.82* | |
| | | *For 24 Gauge, Add* | *3.81* | |
| | | *For 22 Gauge, Add* | *7.61* | |
| | | *For 20 Gauge, Add* | *11.43* | |
| | | *For 18 Gauge, Add* | *15.19* | |
| | | *For 16 Gauge, Add* | *18.64* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *20.43* | |
| | | *For Work In Restricted Working Space, Add* | *48.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.17* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.44* | |
| | | *For Elevated Installation >40', Add* | *88.48* | |
| 23 31 13 16-0036 | EA | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 210.41 | 67.12 |
| | | *For 3" WG (Class B), Add* | *25.13* | |
| | | *For 4" Or 6" WG (Class A), Add* | *67.01* | |
| | | *For 28 Gauge, Deduct* | *-5.94* | |
| | | *For 24 Gauge, Add* | *5.92* | |
| | | *For 22 Gauge, Add* | *11.82* | |
| | | *For 20 Gauge, Add* | *17.76* | |
| | | *For 18 Gauge, Add* | *23.59* | |
| | | *For 16 Gauge, Add* | *28.95* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *31.74* | |
| | | *For Work In Restricted Working Space, Add* | *50.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *33.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *41.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *58.63* | |
| | | *For Elevated Installation >30' To 35', Add* | *67.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *83.76* | |
| | | *For Elevated Installation >40', Add* | *92.14* | |
| | | *For 10" WG (Class A), Add* | *77.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0037 | EA | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow | 229.14 | 68.78 |
| | | *For 3" WG (Class B), Add* | *25.79* | |
| | | *For 4" Or 6" WG (Class A), Add* | *68.78* | |
| | | *For 28 Gauge, Deduct* | *-7.92* | |
| | | *For 24 Gauge, Add* | *7.89* | |
| | | *For 22 Gauge, Add* | *15.75* | |
| | | *For 20 Gauge, Add* | *23.67* | |
| | | *For 18 Gauge, Add* | *31.45* | |
| | | *For 16 Gauge, Add* | *38.60* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *42.31* | |
| | | *For Work In Restricted Working Space, Add* | *51.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.20* | |
| | | *For Elevated Installation >15' To 20', Add* | *34.39* | |
| | | *For Elevated Installation >20' To 25', Add* | *42.99* | |
| | | *For Elevated Installation >25' To 30', Add* | *60.19* | |
| | | *For Elevated Installation >30' To 35', Add* | *68.78* | |
| | | *For Elevated Installation >35' To 40', Add* | *85.98* | |
| | | *For Elevated Installation >40', Add* | *94.58* | |
| | | *For 10" WG (Class A), Add* | *79.10* | |

## 23 31 13 16-0038 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows *(23 31 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0039 | EA | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 27.48 | 9.98 |
| | | *For 3" WG (Class B), Add* | *3.75* | |
| | | *For 4" Or 6" WG (Class A), Add* | *9.99* | |
| | | *For 28 Gauge, Deduct* | *-0.35* | |
| | | *For 24 Gauge, Add* | *0.35* | |
| | | *For 22 Gauge, Add* | *0.69* | |
| | | *For 20 Gauge, Add* | *1.04* | |
| | | *For 18 Gauge, Add* | *1.38* | |
| | | *For 16 Gauge, Add* | *1.69* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *1.86* | |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.24* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.49* | |
| | | *For Elevated Installation >40', Add* | *13.73* | |
| 23 31 13 16-0040 | EA | 5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 31.75 | 11.43 |
| | | *For 3" WG (Class B), Add* | *4.28* | |
| | | *For 4" Or 6" WG (Class A), Add* | *11.41* | |
| | | *For 28 Gauge, Deduct* | *-0.45* | |
| | | *For 24 Gauge, Add* | *0.44* | |
| | | *For 22 Gauge, Add* | *0.89* | |
| | | *For 20 Gauge, Add* | *1.33* | |
| | | *For 18 Gauge, Add* | *1.77* | |
| | | *For 16 Gauge, Add* | *2.17* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *2.38* | |
| | | *For Work In Restricted Working Space, Add* | *8.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.71* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.99* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.27* | |
| | | *For Elevated Installation >40', Add* | *15.69* | |
| 23 31 13 16-0041 | EA | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 36.80 | 13.31 |
| | | *For 3" WG (Class B), Add* | *4.99* | |
| | | *For 4" Or 6" WG (Class A), Add* | *13.31* | |
| | | *For 28 Gauge, Deduct* | *-0.49* | |
| | | *For 24 Gauge, Add* | *0.49* | |
| | | *For 22 Gauge, Add* | *0.97* | |
| | | *For 20 Gauge, Add* | *1.46* | |
| | | *For 18 Gauge, Add* | *1.94* | |
| | | *For 16 Gauge, Add* | *2.38* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *2.60* | |
| | | *For Work In Restricted Working Space, Add* | *9.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.32* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.64* | |
| | | *For Elevated Installation >40', Add* | *18.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0042 | EA | 7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 44.02 | 15.98 |
| | | *For 3" WG (Class B), Add* | *5.99* | |
| | | *For 4" Or 6" WG (Class A), Add* | *15.98* | |
| | | *For 28 Gauge, Deduct* | *-0.57* | |
| | | *For 24 Gauge, Add* | *0.56* | |
| | | *For 22 Gauge, Add* | *1.12* | |
| | | *For 20 Gauge, Add* | *1.69* | |
| | | *For 18 Gauge, Add* | *2.24* | |
| | | *For 16 Gauge, Add* | *2.75* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.02* | |
| | | *For Work In Restricted Working Space, Add* | *11.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.99* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.98* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.97* | |
| | | *For Elevated Installation >40', Add* | *21.97* | |
| 23 31 13 16-0043 | EA | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 54.56 | 19.97 |
| | | *For 3" WG (Class B), Add* | *7.49* | |
| | | *For 4" Or 6" WG (Class A), Add* | *19.97* | |
| | | *For 28 Gauge, Deduct* | *-0.64* | |
| | | *For 24 Gauge, Add* | *0.64* | |
| | | *For 22 Gauge, Add* | *1.28* | |
| | | *For 20 Gauge, Add* | *1.92* | |
| | | *For 18 Gauge, Add* | *2.55* | |
| | | *For 16 Gauge, Add* | *3.13* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.43* | |
| | | *For Work In Restricted Working Space, Add* | *14.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.97* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.96* | |
| | | *For Elevated Installation >40', Add* | *27.46* | |
| 23 31 13 16-0044 | EA | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 73.65 | 26.63 |
| | | *For 3" WG (Class B), Add* | *9.99* | |
| | | *For 4" Or 6" WG (Class A), Add* | *26.63* | |
| | | *For 28 Gauge, Deduct* | *-0.98* | |
| | | *For 24 Gauge, Add* | *0.98* | |
| | | *For 22 Gauge, Add* | *1.95* | |
| | | *For 20 Gauge, Add* | *2.93* | |
| | | *For 18 Gauge, Add* | *3.89* | |
| | | *For 16 Gauge, Add* | *4.78* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.24* | |
| | | *For Work In Restricted Working Space, Add* | *19.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.64* | |
| | | *For Elevated Installation >25' To 30', Add* | *23.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *33.29* | |
| | | *For Elevated Installation >40', Add* | *36.61* | |
| 23 31 13 16-0045 | EA | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 108.96 | 39.94 |
| | | *For 3" WG (Class B), Add* | *14.98* | |
| | | *For 4" Or 6" WG (Class A), Add* | *39.94* | |
| | | *For 28 Gauge, Deduct* | *-1.26* | |
| | | *For 24 Gauge, Add* | *1.26* | |
| | | *For 22 Gauge, Add* | *2.51* | |
| | | *For 20 Gauge, Add* | *3.77* | |
| | | *For 18 Gauge, Add* | *5.01* | |
| | | *For 16 Gauge, Add* | *6.15* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *6.74* | |
| | | *For Work In Restricted Working Space, Add* | *29.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.97* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *34.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *39.94* | |
| | | *For Elevated Installation >35' To 40', Add* | *49.93* | |
| | | *For Elevated Installation >40', Add* | *54.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0046 | EA | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 143.35 | 51.03 |
| | | *For 3" WG (Class B), Add* | *19.14* | |
| | | *For 4" Or 6" WG (Class A), Add* | *51.03* | |
| | | *For 28 Gauge, Deduct* | *-2.18* | |
| | | *For 24 Gauge, Add* | *2.18* | |
| | | *For 22 Gauge, Add* | *4.34* | |
| | | *For 20 Gauge, Add* | *6.53* | |
| | | *For 18 Gauge, Add* | *8.67* | |
| | | *For 16 Gauge, Add* | *10.64* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *11.67* | |
| | | *For Work In Restricted Working Space, Add* | *38.27* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.76* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.52* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *44.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *51.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *63.79* | |
| | | *For Elevated Installation >40', Add* | *70.17* | |
| 23 31 13 16-0047 | EA | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 186.73 | 64.35 |
| | | *For 3" WG (Class B), Add* | *24.13* | |
| | | *For 4" Or 6" WG (Class A), Add* | *64.35* | |
| | | *For 28 Gauge, Deduct* | *-3.58* | |
| | | *For 24 Gauge, Add* | *3.57* | |
| | | *For 22 Gauge, Add* | *7.12* | |
| | | *For 20 Gauge, Add* | *10.71* | |
| | | *For 18 Gauge, Add* | *14.22* | |
| | | *For 16 Gauge, Add* | *17.46* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *19.14* | |
| | | *For Work In Restricted Working Space, Add* | *48.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.17* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.44* | |
| | | *For Elevated Installation >40', Add* | *88.48* | |
| 23 31 13 16-0048 | EA | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 198.77 | 67.12 |
| | | *For 3" WG (Class B), Add* | *25.13* | |
| | | *For 4" Or 6" WG (Class A), Add* | *67.01* | |
| | | *For 28 Gauge, Deduct* | *-4.33* | |
| | | *For 24 Gauge, Add* | *4.31* | |
| | | *For 22 Gauge, Add* | *8.61* | |
| | | *For 20 Gauge, Add* | *12.94* | |
| | | *For 18 Gauge, Add* | *17.19* | |
| | | *For 16 Gauge, Add* | *21.09* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *23.13* | |
| | | *For Work In Restricted Working Space, Add* | *50.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *33.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *41.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *58.63* | |
| | | *For Elevated Installation >30' To 35', Add* | *67.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *83.76* | |
| | | *For Elevated Installation >40', Add* | *92.14* | |
| | | *For 10" WG (Class A), Add* | *77.06* | |
| 23 31 13 16-0049 | EA | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow | 212.00 | 68.78 |
| | | *For 3" WG (Class B), Add* | *25.79* | |
| | | *For 4" Or 6" WG (Class A), Add* | *68.78* | |
| | | *For 28 Gauge, Deduct* | *-5.55* | |
| | | *For 24 Gauge, Add* | *5.53* | |
| | | *For 22 Gauge, Add* | *11.03* | |
| | | *For 20 Gauge, Add* | *16.58* | |
| | | *For 18 Gauge, Add* | *22.02* | |
| | | *For 16 Gauge, Add* | *27.03* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *29.63* | |
| | | *For Work In Restricted Working Space, Add* | *51.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.20* | |
| | | *For Elevated Installation >15' To 20', Add* | *34.39* | |
| | | *For Elevated Installation >20' To 25', Add* | *42.99* | |
| | | *For Elevated Installation >25' To 30', Add* | *60.19* | |
| | | *For Elevated Installation >30' To 35', Add* | *68.78* | |
| | | *For Elevated Installation >35' To 40', Add* | *85.98* | |
| | | *For Elevated Installation >40', Add* | *94.58* | |
| | | *For 10" WG (Class A), Add* | *79.10* | |

23 31 13 16-0050 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tees *(23 31 13 16-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0051 | EA | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 43.03 | 14.98 |
| | | *For 3" WG (Class B), Add* | *5.62* | |
| | | *For 4" Or 6" WG (Class A), Add* | *14.98* | |
| | | *For 28 Gauge, Deduct* | *-0.77* | |
| | | *For 24 Gauge, Add* | *0.77* | |
| | | *For 22 Gauge, Add* | *1.54* | |
| | | *For 20 Gauge, Add* | *2.31* | |
| | | *For 18 Gauge, Add* | *3.07* | |
| | | *For 16 Gauge, Add* | *3.77* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.14* | |
| | | *For Work In Restricted Working Space, Add* | *11.23* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.74* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.49* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.36* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.98* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.72* | |
| | | *For Elevated Installation >40', Add* | *20.59* | |
| 23 31 13 16-0052 | EA | 5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 50.23 | 17.09 |
| | | *For 3" WG (Class B), Add* | *6.42* | |
| | | *For 4" Or 6" WG (Class A), Add* | *17.12* | |
| | | *For 28 Gauge, Deduct* | *-1.03* | |
| | | *For 24 Gauge, Add* | *1.03* | |
| | | *For 22 Gauge, Add* | *2.05* | |
| | | *For 20 Gauge, Add* | *3.08* | |
| | | *For 18 Gauge, Add* | *4.09* | |
| | | *For 16 Gauge, Add* | *5.02* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.50* | |
| | | *For Work In Restricted Working Space, Add* | *12.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.40* | |
| | | *For Elevated Installation >40', Add* | *23.54* | |
| 23 31 13 16-0053 | EA | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 57.98 | 19.97 |
| | | *For 3" WG (Class B), Add* | *7.49* | |
| | | *For 4" Or 6" WG (Class A), Add* | *19.97* | |
| | | *For 28 Gauge, Deduct* | *-1.12* | |
| | | *For 24 Gauge, Add* | *1.11* | |
| | | *For 22 Gauge, Add* | *2.22* | |
| | | *For 20 Gauge, Add* | *3.34* | |
| | | *For 18 Gauge, Add* | *4.43* | |
| | | *For 16 Gauge, Add* | *5.44* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.96* | |
| | | *For Work In Restricted Working Space, Add* | *14.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.97* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.96* | |
| | | *For Elevated Installation >40', Add* | *27.46* | |
| 23 31 13 16-0054 | EA | 7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 69.19 | 23.96 |
| | | *For 3" WG (Class B), Add* | *8.99* | |
| | | *For 4" Or 6" WG (Class A), Add* | *23.96* | |
| | | *For 28 Gauge, Deduct* | *-1.29* | |
| | | *For 24 Gauge, Add* | *1.28* | |
| | | *For 22 Gauge, Add* | *2.56* | |
| | | *For 20 Gauge, Add* | *3.84* | |
| | | *For 18 Gauge, Add* | *5.10* | |
| | | *For 16 Gauge, Add* | *6.26* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *6.87* | |
| | | *For Work In Restricted Working Space, Add* | *17.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.97* | |
| | | *For Elevated Installation >30' To 35', Add* | *23.96* | |
| | | *For Elevated Installation >35' To 40', Add* | *29.96* | |
| | | *For Elevated Installation >40', Add* | *32.95* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0055 | EA | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 89.90 | 29.95 |
| | | *For 3" WG (Class B), Add* | *11.24* | |
| | | *For 4" Or 6" WG (Class A), Add* | *29.96* | |
| | | *For 28 Gauge, Deduct* | *-2.08* | |
| | | *For 24 Gauge, Add* | *2.07* | |
| | | *For 22 Gauge, Add* | *4.13* | |
| | | *For 20 Gauge, Add* | *6.21* | |
| | | *For 18 Gauge, Add* | *8.25* | |
| | | *For 16 Gauge, Add* | *10.13* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *11.10* | |
| | | *For Work In Restricted Working Space, Add* | *22.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.49* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.73* | |
| | | *For Elevated Installation >25' To 30', Add* | *26.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *29.96* | |
| | | *For Elevated Installation >35' To 40', Add* | *37.45* | |
| | | *For Elevated Installation >40', Add* | *41.20* | |
| 23 31 13 16-0056 | EA | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 118.98 | 39.94 |
| | | *For 3" WG (Class B), Add* | *14.98* | |
| | | *For 4" Or 6" WG (Class A), Add* | *39.94* | |
| | | *For 28 Gauge, Deduct* | *-2.65* | |
| | | *For 24 Gauge, Add* | *2.64* | |
| | | *For 22 Gauge, Add* | *5.27* | |
| | | *For 20 Gauge, Add* | *7.92* | |
| | | *For 18 Gauge, Add* | *10.52* | |
| | | *For 16 Gauge, Add* | *12.91* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *14.16* | |
| | | *For Work In Restricted Working Space, Add* | *29.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.97* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *34.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *39.94* | |
| | | *For Elevated Installation >35' To 40', Add* | *49.93* | |
| | | *For Elevated Installation >40', Add* | *54.92* | |
| 23 31 13 16-0057 | EA | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 168.88 | 59.91 |
| | | *For 3" WG (Class B), Add* | *22.46* | |
| | | *For 4" Or 6" WG (Class A), Add* | *59.90* | |
| | | *For 28 Gauge, Deduct* | *-2.65* | |
| | | *For 24 Gauge, Add* | *2.64* | |
| | | *For 22 Gauge, Add* | *5.27* | |
| | | *For 20 Gauge, Add* | *7.92* | |
| | | *For 18 Gauge, Add* | *10.52* | |
| | | *For 16 Gauge, Add* | *12.91* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *14.16* | |
| | | *For Work In Restricted Working Space, Add* | *44.93* | |
| | | *For Elevated Installation >10' To 15', Add* | *14.98* | |
| | | *For Elevated Installation >15' To 20', Add* | *29.95* | |
| | | *For Elevated Installation >20' To 25', Add* | *37.44* | |
| | | *For Elevated Installation >25' To 30', Add* | *52.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *59.90* | |
| | | *For Elevated Installation >35' To 40', Add* | *74.88* | |
| | | *For Elevated Installation >40', Add* | *82.36* | |
| 23 31 13 16-0058 | EA | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 227.72 | 76.33 |
| | | *For 3" WG (Class B), Add* | *28.69* | |
| | | *For 4" Or 6" WG (Class A), Add* | *76.51* | |
| | | *For 28 Gauge, Deduct* | *-5.05* | |
| | | *For 24 Gauge, Add* | *5.03* | |
| | | *For 22 Gauge, Add* | *10.04* | |
| | | *For 20 Gauge, Add* | *15.09* | |
| | | *For 18 Gauge, Add* | *20.04* | |
| | | *For 16 Gauge, Add* | *24.60* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *26.97* | |
| | | *For Work In Restricted Working Space, Add* | *57.38* | |
| | | *For Elevated Installation >10' To 15', Add* | *19.13* | |
| | | *For Elevated Installation >15' To 20', Add* | *38.26* | |
| | | *For Elevated Installation >20' To 25', Add* | *47.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *66.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *76.51* | |
| | | *For Elevated Installation >35' To 40', Add* | *95.64* | |
| | | *For Elevated Installation >40', Add* | *105.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0059 | EA | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 292.33 | 96.74 |
| | | *For 3" WG (Class B), Add* | *36.18* | |
| | | *For 4" Or 6" WG (Class A), Add* | *96.47* | |
| | | *For 28 Gauge, Deduct* | *-7.08* | |
| | | *For 24 Gauge, Add* | *7.06* | |
| | | *For 22 Gauge, Add* | *14.09* | |
| | | *For 20 Gauge, Add* | *21.18* | |
| | | *For 18 Gauge, Add* | *28.13* | |
| | | *For 16 Gauge, Add* | *34.53* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *37.85* | |
| | | *For Work In Restricted Working Space, Add* | *72.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *24.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *48.24* | |
| | | *For Elevated Installation >20' To 25', Add* | *60.30* | |
| | | *For Elevated Installation >25' To 30', Add* | *84.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *96.47* | |
| | | *For Elevated Installation >35' To 40', Add* | *120.59* | |
| | | *For Elevated Installation >40', Add* | *132.65* | |
| 23 31 13 16-0060 | EA | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 334.76 | 107.61 |
| | | *For 3" WG (Class B), Add* | *40.44* | |
| | | *For 4" Or 6" WG (Class A), Add* | *107.84* | |
| | | *For 28 Gauge, Deduct* | *-9.03* | |
| | | *For 24 Gauge, Add* | *8.99* | |
| | | *For 22 Gauge, Add* | *17.95* | |
| | | *For 20 Gauge, Add* | *26.98* | |
| | | *For 18 Gauge, Add* | *35.84* | |
| | | *For 16 Gauge, Add* | *43.99* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *48.23* | |
| | | *For Work In Restricted Working Space, Add* | *80.88* | |
| | | *For Elevated Installation >10' To 15', Add* | *26.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *53.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *67.40* | |
| | | *For Elevated Installation >25' To 30', Add* | *94.36* | |
| | | *For Elevated Installation >30' To 35', Add* | *107.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *134.80* | |
| | | *For Elevated Installation >40', Add* | *148.27* | |
| | | *For 10" WG (Class A), Add* | *124.01* | |
| 23 31 13 16-0061 | EA | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee | 350.79 | 111.50 |
| | | *For 3" WG (Class B), Add* | *41.77* | |
| | | *For 4" Or 6" WG (Class A), Add* | *111.39* | |
| | | *For 28 Gauge, Deduct* | *-10.02* | |
| | | *For 24 Gauge, Add* | *9.98* | |
| | | *For 22 Gauge, Add* | *19.92* | |
| | | *For 20 Gauge, Add* | *29.94* | |
| | | *For 18 Gauge, Add* | *39.78* | |
| | | *For 16 Gauge, Add* | *48.82* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *53.52* | |
| | | *For Work In Restricted Working Space, Add* | *83.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *27.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *55.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *69.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *97.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *111.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *139.24* | |
| | | *For Elevated Installation >40', Add* | *153.16* | |
| | | *For 10" WG (Class A), Add* | *128.10* | |

### 23 31 13 16-0062 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connectors *(23 31 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0063 | EA | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 19.63 | |
| | | *For 3" WG (Class B), Add* | *2.66* | |
| | | *For 4" Or 6" WG (Class A), Add* | *7.10* | |
| | | *For Work In Restricted Working Space, Add* | *5.33* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.78* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.55* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.44* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.88* | |
| | | *For Elevated Installation >40', Add* | *9.76* | |
| 23 31 13 16-0064 | EA | 5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 20.67 | |
| | | *For 3" WG (Class B), Add* | *2.80* | |
| | | *For 4" Or 6" WG (Class A), Add* | *7.46* | |
| | | *For Work In Restricted Working Space, Add* | *5.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.33* | |
| | | *For Elevated Installation >40', Add* | *10.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0065 | EA | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 22.14 | |
| | | *For 3" WG (Class B), Add* | *3.00* | |
| | | *For 4" Or 6" WG (Class A), Add* | *7.99* | |
| | | *For Work In Restricted Working Space, Add* | *5.99* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.00* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.99* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.99* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.99* | |
| | | *For Elevated Installation >40', Add* | *10.98* | |
| 23 31 13 16-0066 | EA | 7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 23.56 | |
| | | *For 3" WG (Class B), Add* | *3.16* | |
| | | *For 4" Or 6" WG (Class A), Add* | *8.43* | |
| | | *For Work In Restricted Working Space, Add* | *6.32* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.11* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.54* | |
| | | *For Elevated Installation >40', Add* | *11.59* | |
| 23 31 13 16-0067 | EA | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 25.54 | |
| | | *For 3" WG (Class B), Add* | *3.41* | |
| | | *For 4" Or 6" WG (Class A), Add* | *9.10* | |
| | | *For Work In Restricted Working Space, Add* | *6.82* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.55* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.69* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.37* | |
| | | *For Elevated Installation >40', Add* | *12.51* | |
| 23 31 13 16-0068 | EA | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 29.82 | |
| | | *For 3" WG (Class B), Add* | *3.81* | |
| | | *For 4" Or 6" WG (Class A), Add* | *10.16* | |
| | | *For Work In Restricted Working Space, Add* | *7.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.71* | |
| | | *For Elevated Installation >40', Add* | *13.98* | |
| 23 31 13 16-0069 | EA | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 40.84 | |
| | | *For 3" WG (Class B), Add* | *5.33* | |
| | | *For 4" Or 6" WG (Class A), Add* | *14.20* | |
| | | *For Work In Restricted Working Space, Add* | *10.65* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.76* | |
| | | *For Elevated Installation >40', Add* | *19.53* | |
| 23 31 13 16-0070 | EA | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 46.59 | |
| | | *For 3" WG (Class B), Add* | *6.06* | |
| | | *For 4" Or 6" WG (Class A), Add* | *16.16* | |
| | | *For Work In Restricted Working Space, Add* | *12.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.20* | |
| | | *For Elevated Installation >40', Add* | *22.22* | |
| 23 31 13 16-0071 | EA | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 51.21 | |
| | | *For 3" WG (Class B), Add* | *6.64* | |
| | | *For 4" Or 6" WG (Class A), Add* | *17.71* | |
| | | *For Work In Restricted Working Space, Add* | *13.28* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.43* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.71* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.14* | |
| | | *For Elevated Installation >40', Add* | *24.35* | |
| 23 31 13 16-0072 | EA | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 55.68 | |
| | | *For 3" WG (Class B), Add* | *7.19* | |
| | | *For 4" Or 6" WG (Class A), Add* | *19.17* | |
| | | *For Work In Restricted Working Space, Add* | *14.38* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.78* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.97* | |
| | | *For Elevated Installation >40', Add* | *26.36* | |
| | | *For 10" WG (Class A), Add* | *22.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0073 | EA | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector | 60.66 | |
| | | *For 3" WG (Class B), Add* | *7.84* | |
| | | *For 4" Or 6" WG (Class A), Add* | *20.90* | |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.45* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.29* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.90* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.13* | |
| | | *For Elevated Installation >40', Add* | *28.74* | |
| | | *For 10" WG (Class A), Add* | *24.04* | |
| 23 31 13 16-0074 | | Slip Joint, Galvanized, Spiral Duct And Fittings *(23 31 13 16)* | | |
| 23 31 13 16-0075 | | Slip Joint, Galvanized, Spiral Duct *(23 31 13 16-0074)* | | |
| 23 31 13 16-0076 | LF | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 9.17 | 1.03 |
| | | *For 3" WG (Class B), Add* | *0.82* | |
| | | *For 4" Or 6" WG (Class A), Add* | *2.20* | |
| | | *For 24 Gauge, Add* | *0.74* | |
| | | *For 22 Gauge, Add* | *1.69* | |
| | | *For 20 Gauge, Add* | *2.76* | |
| | | *For 18 Gauge, Add* | *4.23* | |
| | | *For 16 Gauge, Add* | *5.15* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *2.72* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 23 31 13 16-0077 | LF | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 11.91 | 2.05 |
| | | *For 3" WG (Class B), Add* | *0.99* | |
| | | *For 4" Or 6" WG (Class A), Add* | *2.63* | |
| | | *For 24 Gauge, Add* | *1.07* | |
| | | *For 22 Gauge, Add* | *2.45* | |
| | | *For 20 Gauge, Add* | *4.00* | |
| | | *For 18 Gauge, Add* | *6.13* | |
| | | *For 16 Gauge, Add* | *7.46* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.94* | |
| | | *For Work In Restricted Working Space, Add* | *1.97* | |
| 23 31 13 16-0078 | LF | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 15.19 | 2.05 |
| | | *For 3" WG (Class B), Add* | *1.23* | |
| | | *For 4" Or 6" WG (Class A), Add* | *3.27* | |
| | | *For 24 Gauge, Add* | *1.40* | |
| | | *For 22 Gauge, Add* | *3.23* | |
| | | *For 20 Gauge, Add* | *5.27* | |
| | | *For 18 Gauge, Add* | *8.07* | |
| | | *For 16 Gauge, Add* | *9.83* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.19* | |
| | | *For Work In Restricted Working Space, Add* | *2.45* | |
| 23 31 13 16-0079 | LF | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 18.48 | 2.05 |
| | | *For 3" WG (Class B), Add* | *1.47* | |
| | | *For 4" Or 6" WG (Class A), Add* | *3.92* | |
| | | *For 24 Gauge, Add* | *1.73* | |
| | | *For 22 Gauge, Add* | *3.99* | |
| | | *For 20 Gauge, Add* | *6.50* | |
| | | *For 18 Gauge, Add* | *9.97* | |
| | | *For 16 Gauge, Add* | *12.14* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *6.42* | |
| | | *For Work In Restricted Working Space, Add* | *2.94* | |
| 23 31 13 16-0080 | LF | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 22.95 | 3.07 |
| | | *For 3" WG (Class B), Add* | *1.84* | |
| | | *For 4" Or 6" WG (Class A), Add* | *4.92* | |
| | | *For 24 Gauge, Add* | *2.13* | |
| | | *For 22 Gauge, Add* | *4.90* | |
| | | *For 20 Gauge, Add* | *8.00* | |
| | | *For 18 Gauge, Add* | *12.26* | |
| | | *For 16 Gauge, Add* | *14.92* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *7.89* | |
| | | *For Work In Restricted Working Space, Add* | *3.69* | |
| 23 31 13 16-0081 | LF | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 27.71 | 3.07 |
| | | *For 3" WG (Class B), Add* | *2.30* | |
| | | *For 4" Or 6" WG (Class A), Add* | *6.14* | |
| | | *For 24 Gauge, Add* | *2.47* | |
| | | *For 22 Gauge, Add* | *5.68* | |
| | | *For 20 Gauge, Add* | *9.26* | |
| | | *For 18 Gauge, Add* | *14.20* | |
| | | *For 16 Gauge, Add* | *17.29* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *9.14* | |
| | | *For Work In Restricted Working Space, Add* | *4.61* | |
| 23 31 13 16-0082 | LF | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 38.41 | 3.07 |
| | | *For 3" WG (Class B), Add* | *3.07* | |
| | | *For 4" Or 6" WG (Class A), Add* | *8.18* | |
| | | *For 24 Gauge, Add* | *3.59* | |
| | | *For 22 Gauge, Add* | *8.26* | |
| | | *For 20 Gauge, Add* | *13.46* | |
| | | *For 18 Gauge, Add* | *20.64* | |
| | | *For 16 Gauge, Add* | *25.13* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *13.28* | |
| | | *For Work In Restricted Working Space, Add* | *6.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0083 | LF | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 43.74 | 4.09 |
| | | *For 3" WG (Class B), Add* | *3.58* | |
| | | *For 4" Or 6" WG (Class A), Add* | *9.54* | |
| | | *For 24 Gauge, Add* | *3.98* | |
| | | *For 22 Gauge, Add* | *9.15* | |
| | | *For 20 Gauge, Add* | *14.93* | |
| | | *For 18 Gauge, Add* | *22.89* | |
| | | *For 16 Gauge, Add* | *27.86* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *14.73* | |
| | | *For Work In Restricted Working Space, Add* | *7.15* | |
| 23 31 13 16-0084 | LF | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 49.27 | 4.09 |
| | | *For 3" WG (Class B), Add* | *4.06* | |
| | | *For 4" Or 6" WG (Class A), Add* | *10.83* | |
| | | *For 24 Gauge, Add* | *4.44* | |
| | | *For 22 Gauge, Add* | *10.21* | |
| | | *For 20 Gauge, Add* | *16.65* | |
| | | *For 18 Gauge, Add* | *25.53* | |
| | | *For 16 Gauge, Add* | *31.08* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *16.43* | |
| | | *For Work In Restricted Working Space, Add* | *8.12* | |
| 23 31 13 16-0085 | LF | 22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 55.04 | 5.12 |
| | | *For 3" WG (Class B), Add* | *4.58* | |
| | | *For 4" Or 6" WG (Class A), Add* | *12.20* | |
| | | *For 24 Gauge, Add* | *4.91* | |
| | | *For 22 Gauge, Add* | *11.29* | |
| | | *For 20 Gauge, Add* | *18.41* | |
| | | *For 18 Gauge, Add* | *28.22* | |
| | | *For 16 Gauge, Add* | *34.36* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *18.16* | |
| | | *For Work In Restricted Working Space, Add* | *9.15* | |
| 23 31 13 16-0086 | LF | 24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct | 60.79 | 6.15 |
| | | *For 3" WG (Class B), Add* | *5.12* | |
| | | *For 4" Or 6" WG (Class A), Add* | *13.65* | |
| | | *For 24 Gauge, Add* | *5.33* | |
| | | *For 22 Gauge, Add* | *12.26* | |
| | | *For 20 Gauge, Add* | *20.00* | |
| | | *For 18 Gauge, Add* | *30.66* | |
| | | *For 16 Gauge, Add* | *37.32* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *19.73* | |
| | | *For Work In Restricted Working Space, Add* | *10.24* | |
| 23 31 13 16-0087 | | Slip Joint, Galvanized, Spiral 90 Degree Elbows *(23 31 13 16-0074)* | | |
| 23 31 13 16-0088 | EA | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 65.59 | 14.33 |
| | | *For 3" WG (Class B), Add* | *8.30* | |
| | | *For 4" Or 6" WG (Class A), Add* | *22.14* | |
| | | *For 24 Gauge, Add* | *2.05* | |
| | | *For 22 Gauge, Add* | *4.71* | |
| | | *For 20 Gauge, Add* | *7.68* | |
| | | *For 18 Gauge, Add* | *11.78* | |
| | | *For 16 Gauge, Add* | *14.34* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *7.58* | |
| | | *For Work In Restricted Working Space, Add* | *16.61* | |
| 23 31 13 16-0089 | EA | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 96.45 | 20.48 |
| | | *For 3" WG (Class B), Add* | *12.29* | |
| | | *For 4" Or 6" WG (Class A), Add* | *32.77* | |
| | | *For 24 Gauge, Add* | *2.91* | |
| | | *For 22 Gauge, Add* | *6.68* | |
| | | *For 20 Gauge, Add* | *10.90* | |
| | | *For 18 Gauge, Add* | *16.71* | |
| | | *For 16 Gauge, Add* | *20.34* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *10.75* | |
| | | *For Work In Restricted Working Space, Add* | *24.58* | |
| 23 31 13 16-0090 | EA | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 135.52 | 26.63 |
| | | *For 3" WG (Class B), Add* | *16.17* | |
| | | *For 4" Or 6" WG (Class A), Add* | *43.12* | |
| | | *For 24 Gauge, Add* | *5.54* | |
| | | *For 22 Gauge, Add* | *12.75* | |
| | | *For 20 Gauge, Add* | *20.79* | |
| | | *For 18 Gauge, Add* | *31.88* | |
| | | *For 16 Gauge, Add* | *38.81* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *20.51* | |
| | | *For Work In Restricted Working Space, Add* | *32.34* | |
| 23 31 13 16-0091 | EA | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 169.18 | 33.80 |
| | | *For 3" WG (Class B), Add* | *20.48* | |
| | | *For 4" Or 6" WG (Class A), Add* | *54.62* | |
| | | *For 24 Gauge, Add* | *6.53* | |
| | | *For 22 Gauge, Add* | *15.01* | |
| | | *For 20 Gauge, Add* | *24.48* | |
| | | *For 18 Gauge, Add* | *37.54* | |
| | | *For 16 Gauge, Add* | *45.70* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *24.15* | |
| | | *For Work In Restricted Working Space, Add* | *40.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0092 | EA | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 208.99 | 43.01 |
| | | *For 3" WG (Class B), Add* | *25.60* | |
| | | *For 4" Or 6" WG (Class A), Add* | *68.27* | |
| | | *For 24 Gauge, Add* | *7.66* | |
| | | *For 22 Gauge, Add* | *17.63* | |
| | | *For 20 Gauge, Add* | *28.74* | |
| | | *For 18 Gauge, Add* | *44.07* | |
| | | *For 16 Gauge, Add* | *53.65* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *28.36* | |
| | | *For Work In Restricted Working Space, Add* | *51.20* | |
| 23 31 13 16-0093 | EA | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 228.85 | 47.11 |
| | | *For 3" WG (Class B), Add* | *27.93* | |
| | | *For 4" Or 6" WG (Class A), Add* | *74.48* | |
| | | *For 24 Gauge, Add* | *8.53* | |
| | | *For 22 Gauge, Add* | *19.62* | |
| | | *For 20 Gauge, Add* | *32.00* | |
| | | *For 18 Gauge, Add* | *49.06* | |
| | | *For 16 Gauge, Add* | *59.72* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *31.57* | |
| | | *For Work In Restricted Working Space, Add* | *55.86* | |
| 23 31 13 16-0094 | EA | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 270.15 | 55.29 |
| | | *For 3" WG (Class B), Add* | *33.03* | |
| | | *For 4" Or 6" WG (Class A), Add* | *88.09* | |
| | | *For 24 Gauge, Add* | *9.99* | |
| | | *For 22 Gauge, Add* | *22.97* | |
| | | *For 20 Gauge, Add* | *37.45* | |
| | | *For 18 Gauge, Add* | *57.42* | |
| | | *For 16 Gauge, Add* | *69.90* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *36.95* | |
| | | *For Work In Restricted Working Space, Add* | *66.07* | |
| 23 31 13 16-0095 | EA | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 330.52 | 68.61 |
| | | *For 3" WG (Class B), Add* | *40.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *109.23* | |
| | | *For 24 Gauge, Add* | *11.49* | |
| | | *For 22 Gauge, Add* | *26.43* | |
| | | *For 20 Gauge, Add* | *43.09* | |
| | | *For 18 Gauge, Add* | *66.07* | |
| | | *For 16 Gauge, Add* | *80.43* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *42.51* | |
| | | *For Work In Restricted Working Space, Add* | *81.92* | |
| 23 31 13 16-0096 | EA | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 398.15 | 82.95 |
| | | *For 3" WG (Class B), Add* | *49.55* | |
| | | *For 4" Or 6" WG (Class A), Add* | *132.13* | |
| | | *For 24 Gauge, Add* | *13.56* | |
| | | *For 22 Gauge, Add* | *31.20* | |
| | | *For 20 Gauge, Add* | *50.87* | |
| | | *For 18 Gauge, Add* | *77.99* | |
| | | *For 16 Gauge, Add* | *94.95* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *50.19* | |
| | | *For Work In Restricted Working Space, Add* | *99.10* | |
| 23 31 13 16-0097 | EA | 22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 463.39 | 96.26 |
| | | *For 3" WG (Class B), Add* | *57.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *154.57* | |
| | | *For 24 Gauge, Add* | *15.39* | |
| | | *For 22 Gauge, Add* | *35.41* | |
| | | *For 20 Gauge, Add* | *57.73* | |
| | | *For 18 Gauge, Add* | *88.52* | |
| | | *For 16 Gauge, Add* | *107.76* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *56.96* | |
| | | *For Work In Restricted Working Space, Add* | *115.93* | |
| 23 31 13 16-0098 | EA | 24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow | 530.75 | 109.57 |
| | | *For 3" WG (Class B), Add* | *65.36* | |
| | | *For 4" Or 6" WG (Class A), Add* | *174.30* | |
| | | *For 24 Gauge, Add* | *19.00* | |
| | | *For 22 Gauge, Add* | *43.70* | |
| | | *For 20 Gauge, Add* | *71.24* | |
| | | *For 18 Gauge, Add* | *109.24* | |
| | | *For 16 Gauge, Add* | *132.99* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *70.29* | |
| | | *For Work In Restricted Working Space, Add* | *130.73* | |

### 23 31 13 16-0099 Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows *(23 31 13 16-0074)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0100 | EA | 4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 66.07 | 14.33 |
| | | *For 3" WG (Class B), Add* | *8.30* | |
| | | *For 4" Or 6" WG (Class A), Add* | *22.14* | |
| | | *For 24 Gauge, Add* | *2.14* | |
| | | *For 22 Gauge, Add* | *4.93* | |
| | | *For 20 Gauge, Add* | *8.04* | |
| | | *For 18 Gauge, Add* | *12.33* | |
| | | *For 16 Gauge, Add* | *15.01* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *7.93* | |
| | | *For Work In Restricted Working Space, Add* | *16.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0101 | EA | 6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 93.96 | 20.48 |
| | | *For 3" WG (Class B), Add* | *12.29* | |
| | | *For 4" Or 6" WG (Class A), Add* | *32.77* | |
| | | *For 24 Gauge, Add* | *2.41* | |
| | | *For 22 Gauge, Add* | *5.54* | |
| | | *For 20 Gauge, Add* | *9.03* | |
| | | *For 18 Gauge, Add* | *13.85* | |
| | | *For 16 Gauge, Add* | *16.86* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *8.91* | |
| | | *For Work In Restricted Working Space, Add* | *24.58* | |
| 23 31 13 16-0102 | EA | 8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 123.95 | 26.63 |
| | | *For 3" WG (Class B), Add* | *16.17* | |
| | | *For 4" Or 6" WG (Class A), Add* | *43.12* | |
| | | *For 24 Gauge, Add* | *3.23* | |
| | | *For 22 Gauge, Add* | *7.43* | |
| | | *For 20 Gauge, Add* | *12.11* | |
| | | *For 18 Gauge, Add* | *18.57* | |
| | | *For 16 Gauge, Add* | *22.61* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *11.95* | |
| | | *For Work In Restricted Working Space, Add* | *32.34* | |
| 23 31 13 16-0103 | EA | 10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 156.73 | 33.80 |
| | | *For 3" WG (Class B), Add* | *20.48* | |
| | | *For 4" Or 6" WG (Class A), Add* | *54.62* | |
| | | *For 24 Gauge, Add* | *4.04* | |
| | | *For 22 Gauge, Add* | *9.29* | |
| | | *For 20 Gauge, Add* | *15.14* | |
| | | *For 18 Gauge, Add* | *23.22* | |
| | | *For 16 Gauge, Add* | *28.27* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *14.94* | |
| | | *For Work In Restricted Working Space, Add* | *40.96* | |
| 23 31 13 16-0104 | EA | 12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 194.13 | 43.01 |
| | | *For 3" WG (Class B), Add* | *25.60* | |
| | | *For 4" Or 6" WG (Class A), Add* | *68.27* | |
| | | *For 24 Gauge, Add* | *4.69* | |
| | | *For 22 Gauge, Add* | *10.79* | |
| | | *For 20 Gauge, Add* | *17.60* | |
| | | *For 18 Gauge, Add* | *26.98* | |
| | | *For 16 Gauge, Add* | *32.84* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *17.36* | |
| | | *For Work In Restricted Working Space, Add* | *51.20* | |
| 23 31 13 16-0105 | EA | 14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 212.27 | 47.11 |
| | | *For 3" WG (Class B), Add* | *27.93* | |
| | | *For 4" Or 6" WG (Class A), Add* | *74.48* | |
| | | *For 24 Gauge, Add* | *5.22* | |
| | | *For 22 Gauge, Add* | *12.00* | |
| | | *For 20 Gauge, Add* | *19.56* | |
| | | *For 18 Gauge, Add* | *29.99* | |
| | | *For 16 Gauge, Add* | *36.51* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *19.30* | |
| | | *For Work In Restricted Working Space, Add* | *55.86* | |
| 23 31 13 16-0106 | EA | 16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 262.97 | 55.29 |
| | | *For 3" WG (Class B), Add* | *33.03* | |
| | | *For 4" Or 6" WG (Class A), Add* | *88.09* | |
| | | *For 24 Gauge, Add* | *8.55* | |
| | | *For 22 Gauge, Add* | *19.67* | |
| | | *For 20 Gauge, Add* | *32.06* | |
| | | *For 18 Gauge, Add* | *49.16* | |
| | | *For 16 Gauge, Add* | *59.85* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *31.64* | |
| | | *For Work In Restricted Working Space, Add* | *66.07* | |
| 23 31 13 16-0107 | EA | 18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 325.44 | 68.61 |
| | | *For 3" WG (Class B), Add* | *40.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *109.23* | |
| | | *For 24 Gauge, Add* | *10.47* | |
| | | *For 22 Gauge, Add* | *24.09* | |
| | | *For 20 Gauge, Add* | *39.28* | |
| | | *For 18 Gauge, Add* | *60.23* | |
| | | *For 16 Gauge, Add* | *73.32* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *38.75* | |
| | | *For Work In Restricted Working Space, Add* | *81.92* | |
| 23 31 13 16-0108 | EA | 20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 396.59 | 82.95 |
| | | *For 3" WG (Class B), Add* | *49.55* | |
| | | *For 4" Or 6" WG (Class A), Add* | *132.13* | |
| | | *For 24 Gauge, Add* | *13.25* | |
| | | *For 22 Gauge, Add* | *30.48* | |
| | | *For 20 Gauge, Add* | *49.70* | |
| | | *For 18 Gauge, Add* | *76.20* | |
| | | *For 16 Gauge, Add* | *92.76* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *49.03* | |
| | | *For Work In Restricted Working Space, Add* | *99.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0109 | EA | 22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 445.73 | 96.26 |
| | | *For 3" WG (Class B), Add* | *57.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *154.57* | |
| | | *For 24 Gauge, Add* | *11.86* | |
| | | *For 22 Gauge, Add* | *27.28* | |
| | | *For 20 Gauge, Add* | *44.48* | |
| | | *For 18 Gauge, Add* | *68.21* | |
| | | *For 16 Gauge, Add* | *83.03* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *43.89* | |
| | | *For Work In Restricted Working Space, Add* | *115.93* | |
| 23 31 13 16-0110 | EA | 24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow | 524.46 | 109.57 |
| | | *For 3" WG (Class B), Add* | *65.36* | |
| | | *For 4" Or 6" WG (Class A), Add* | *174.30* | |
| | | *For 24 Gauge, Add* | *17.74* | |
| | | *For 22 Gauge, Add* | *40.80* | |
| | | *For 20 Gauge, Add* | *66.53* | |
| | | *For 18 Gauge, Add* | *102.01* | |
| | | *For 16 Gauge, Add* | *124.18* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *65.64* | |
| | | *For Work In Restricted Working Space, Add* | *130.73* | |

## 23 31 13 16-0111 Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals *(23 31 13 16-0074)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0112 | EA | 6" x 6" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 130.84 | 26.63 |
| | | *For 3" WG (Class B), Add* | *16.17* | |
| | | *For 4" Or 6" WG (Class A), Add* | *43.12* | |
| | | *For 24 Gauge, Add* | *4.61* | |
| | | *For 22 Gauge, Add* | *10.60* | |
| | | *For 20 Gauge, Add* | *17.28* | |
| | | *For 18 Gauge, Add* | *26.50* | |
| | | *For 16 Gauge, Add* | *32.26* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *17.05* | |
| | | *For Work In Restricted Working Space, Add* | *32.34* | |
| 23 31 13 16-0113 | EA | 8" x 8" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 194.82 | 43.01 |
| | | *For 3" WG (Class B), Add* | *25.60* | |
| | | *For 4" Or 6" WG (Class A), Add* | *68.27* | |
| | | *For 24 Gauge, Add* | *4.83* | |
| | | *For 22 Gauge, Add* | *11.11* | |
| | | *For 20 Gauge, Add* | *18.11* | |
| | | *For 18 Gauge, Add* | *27.77* | |
| | | *For 16 Gauge, Add* | *33.81* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *17.87* | |
| | | *For Work In Restricted Working Space, Add* | *51.20* | |
| 23 31 13 16-0114 | EA | 10" x 10" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 246.74 | 55.29 |
| | | *For 3" WG (Class B), Add* | *33.03* | |
| | | *For 4" Or 6" WG (Class A), Add* | *88.09* | |
| | | *For 24 Gauge, Add* | *5.30* | |
| | | *For 22 Gauge, Add* | *12.20* | |
| | | *For 20 Gauge, Add* | *19.89* | |
| | | *For 18 Gauge, Add* | *30.50* | |
| | | *For 16 Gauge, Add* | *37.13* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *19.62* | |
| | | *For Work In Restricted Working Space, Add* | *66.07* | |
| 23 31 13 16-0115 | EA | 12" x 12" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 300.77 | 68.61 |
| | | *For 3" WG (Class B), Add* | *40.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *109.23* | |
| | | *For 24 Gauge, Add* | *5.54* | |
| | | *For 22 Gauge, Add* | *12.74* | |
| | | *For 20 Gauge, Add* | *20.78* | |
| | | *For 18 Gauge, Add* | *31.86* | |
| | | *For 16 Gauge, Add* | *38.78* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *20.50* | |
| | | *For Work In Restricted Working Space, Add* | *81.92* | |
| 23 31 13 16-0116 | EA | 14" x 14" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 358.94 | 82.95 |
| | | *For 3" WG (Class B), Add* | *49.55* | |
| | | *For 4" Or 6" WG (Class A), Add* | *132.13* | |
| | | *For 24 Gauge, Add* | *5.72* | |
| | | *For 22 Gauge, Add* | *13.16* | |
| | | *For 20 Gauge, Add* | *21.46* | |
| | | *For 18 Gauge, Add* | *32.90* | |
| | | *For 16 Gauge, Add* | *40.05* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *21.17* | |
| | | *For Work In Restricted Working Space, Add* | *99.10* | |
| 23 31 13 16-0117 | EA | 16" x 16" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 417.53 | 96.26 |
| | | *For 3" WG (Class B), Add* | *57.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *154.57* | |
| | | *For 24 Gauge, Add* | *6.22* | |
| | | *For 22 Gauge, Add* | *14.31* | |
| | | *For 20 Gauge, Add* | *23.33* | |
| | | *For 18 Gauge, Add* | *35.78* | |
| | | *For 16 Gauge, Add* | *43.55* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *23.02* | |
| | | *For Work In Restricted Working Space, Add* | *115.93* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0118 | EA | 18" x 18" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 468.13 | 109.57 |
| | | *For 3" WG (Class B), Add* | *65.36* | |
| | | *For 4" Or 6" WG (Class A), Add* | *174.30* | |
| | | *For 24 Gauge, Add* | *6.47* | |
| | | *For 22 Gauge, Add* | *14.89* | |
| | | *For 20 Gauge, Add* | *24.28* | |
| | | *For 18 Gauge, Add* | *37.23* | |
| | | *For 16 Gauge, Add* | *45.32* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *23.95* | |
| | | *For Work In Restricted Working Space, Add* | *130.73* | |
| 23 31 13 16-0119 | EA | 20" x 20" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 533.08 | 124.93 |
| | | *For 3" WG (Class B), Add* | *74.93* | |
| | | *For 4" Or 6" WG (Class A), Add* | *199.81* | |
| | | *For 24 Gauge, Add* | *6.71* | |
| | | *For 22 Gauge, Add* | *15.43* | |
| | | *For 20 Gauge, Add* | *25.16* | |
| | | *For 18 Gauge, Add* | *38.58* | |
| | | *For 16 Gauge, Add* | *46.97* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *24.83* | |
| | | *For Work In Restricted Working Space, Add* | *149.86* | |
| 23 31 13 16-0120 | EA | 22" x 22" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 593.90 | 138.25 |
| | | *For 3" WG (Class B), Add* | *83.03* | |
| | | *For 4" Or 6" WG (Class A), Add* | *221.41* | |
| | | *For 24 Gauge, Add* | *8.07* | |
| | | *For 22 Gauge, Add* | *18.57* | |
| | | *For 20 Gauge, Add* | *30.28* | |
| | | *For 18 Gauge, Add* | *46.43* | |
| | | *For 16 Gauge, Add* | *56.52* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *29.87* | |
| | | *For Work In Restricted Working Space, Add* | *166.06* | |
| 23 31 13 16-0121 | EA | 24" x 24" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 644.06 | 150.53 |
| | | *For 3" WG (Class B), Add* | *90.36* | |
| | | *For 4" Or 6" WG (Class A), Add* | *240.95* | |
| | | *For 24 Gauge, Add* | *8.34* | |
| | | *For 22 Gauge, Add* | *19.18* | |
| | | *For 20 Gauge, Add* | *31.27* | |
| | | *For 18 Gauge, Add* | *47.94* | |
| | | *For 16 Gauge, Add* | *58.37* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *30.85* | |
| | | *For Work In Restricted Working Space, Add* | *180.71* | |
| 23 31 13 16-0122 | EA | 8" x 8" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 205.94 | 46.38 |
| | | *For 3" WG (Class B), Add* | *27.85* | |
| | | *For 4" Or 6" WG (Class A), Add* | *74.26* | |
| | | *For 24 Gauge, Add* | *4.06* | |
| | | *For 22 Gauge, Add* | *9.33* | |
| | | *For 20 Gauge, Add* | *15.22* | |
| | | *For 18 Gauge, Add* | *23.33* | |
| | | *For 16 Gauge, Add* | *28.41* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *15.01* | |
| | | *For Work In Restricted Working Space, Add* | *55.70* | |
| 23 31 13 16-0123 | EA | 10" x 10" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 248.82 | 55.81 |
| | | *For 3" WG (Class B), Add* | *33.48* | |
| | | *For 4" Or 6" WG (Class A), Add* | *89.28* | |
| | | *For 24 Gauge, Add* | *5.12* | |
| | | *For 22 Gauge, Add* | *11.79* | |
| | | *For 20 Gauge, Add* | *19.22* | |
| | | *For 18 Gauge, Add* | *29.46* | |
| | | *For 16 Gauge, Add* | *35.87* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *18.96* | |
| | | *For Work In Restricted Working Space, Add* | *66.96* | |
| 23 31 13 16-0124 | EA | 12" x 12" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 302.30 | 67.79 |
| | | *For 3" WG (Class B), Add* | *40.68* | |
| | | *For 4" Or 6" WG (Class A), Add* | *108.48* | |
| | | *For 24 Gauge, Add* | *6.22* | |
| | | *For 22 Gauge, Add* | *14.31* | |
| | | *For 20 Gauge, Add* | *23.33* | |
| | | *For 18 Gauge, Add* | *35.77* | |
| | | *For 16 Gauge, Add* | *43.54* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *23.01* | |
| | | *For Work In Restricted Working Space, Add* | *81.36* | |
| 23 31 13 16-0125 | EA | 14" x 14" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 359.87 | 80.59 |
| | | *For 3" WG (Class B), Add* | *48.42* | |
| | | *For 4" Or 6" WG (Class A), Add* | *129.13* | |
| | | *For 24 Gauge, Add* | *7.41* | |
| | | *For 22 Gauge, Add* | *17.04* | |
| | | *For 20 Gauge, Add* | *27.78* | |
| | | *For 18 Gauge, Add* | *42.60* | |
| | | *For 16 Gauge, Add* | *51.86* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *27.41* | |
| | | *For Work In Restricted Working Space, Add* | *96.85* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0126 | EA | 16" x 16" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 457.18 | 103.63 |
| | | *For 3" WG (Class B), Add* | *62.14* | |
| | | *For 4" Or 6" WG (Class A), Add* | *165.70* | |
| | | *For 24 Gauge, Add* | *8.59* | |
| | | *For 22 Gauge, Add* | *19.75* | |
| | | *For 20 Gauge, Add* | *32.20* | |
| | | *For 18 Gauge, Add* | *49.37* | |
| | | *For 16 Gauge, Add* | *60.10* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *31.77* | |
| | | *For Work In Restricted Working Space, Add* | *124.28* | |
| 23 31 13 16-0127 | EA | 18" x 18" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 507.73 | 115.00 |
| | | *For 3" WG (Class B), Add* | *68.94* | |
| | | *For 4" Or 6" WG (Class A), Add* | *183.85* | |
| | | *For 24 Gauge, Add* | *9.62* | |
| | | *For 22 Gauge, Add* | *22.13* | |
| | | *For 20 Gauge, Add* | *36.08* | |
| | | *For 18 Gauge, Add* | *55.33* | |
| | | *For 16 Gauge, Add* | *67.35* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *35.60* | |
| | | *For Work In Restricted Working Space, Add* | *137.89* | |
| 23 31 13 16-0128 | EA | 20" x 20" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 577.22 | 130.87 |
| | | *For 3" WG (Class B), Add* | *78.37* | |
| | | *For 4" Or 6" WG (Class A), Add* | *208.98* | |
| | | *For 24 Gauge, Add* | *10.95* | |
| | | *For 22 Gauge, Add* | *25.19* | |
| | | *For 20 Gauge, Add* | *41.07* | |
| | | *For 18 Gauge, Add* | *62.97* | |
| | | *For 16 Gauge, Add* | *76.66* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *40.52* | |
| | | *For Work In Restricted Working Space, Add* | *156.74* | |
| 23 31 13 16-0129 | EA | 22" x 22" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 618.78 | 139.58 |
| | | *For 3" WG (Class B), Add* | *83.66* | |
| | | *For 4" Or 6" WG (Class A), Add* | *223.10* | |
| | | *For 24 Gauge, Add* | *12.21* | |
| | | *For 22 Gauge, Add* | *28.07* | |
| | | *For 20 Gauge, Add* | *45.77* | |
| | | *For 18 Gauge, Add* | *70.18* | |
| | | *For 16 Gauge, Add* | *85.44* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *45.16* | |
| | | *For Work In Restricted Working Space, Add* | *167.33* | |
| 23 31 13 16-0130 | EA | 24" x 24" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 671.36 | 151.35 |
| | | *For 3" WG (Class B), Add* | *90.78* | |
| | | *For 4" Or 6" WG (Class A), Add* | *242.09* | |
| | | *For 24 Gauge, Add* | *13.23* | |
| | | *For 22 Gauge, Add* | *30.42* | |
| | | *For 20 Gauge, Add* | *49.61* | |
| | | *For 18 Gauge, Add* | *76.06* | |
| | | *For 16 Gauge, Add* | *92.60* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *48.94* | |
| | | *For Work In Restricted Working Space, Add* | *181.57* | |
| 23 31 13 16-0131 | EA | 10" x 10" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 272.44 | 61.44 |
| | | *For 3" WG (Class B), Add* | *36.82* | |
| | | *For 4" Or 6" WG (Class A), Add* | *98.18* | |
| | | *For 24 Gauge, Add* | *5.40* | |
| | | *For 22 Gauge, Add* | *12.41* | |
| | | *For 20 Gauge, Add* | *20.24* | |
| | | *For 18 Gauge, Add* | *31.03* | |
| | | *For 16 Gauge, Add* | *37.77* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *19.97* | |
| | | *For Work In Restricted Working Space, Add* | *73.64* | |
| 23 31 13 16-0132 | EA | 12" x 12" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 331.11 | 74.76 |
| | | *For 3" WG (Class B), Add* | *44.76* | |
| | | *For 4" Or 6" WG (Class A), Add* | *119.35* | |
| | | *For 24 Gauge, Add* | *6.55* | |
| | | *For 22 Gauge, Add* | *15.06* | |
| | | *For 20 Gauge, Add* | *24.55* | |
| | | *For 18 Gauge, Add* | *37.64* | |
| | | *For 16 Gauge, Add* | *45.82* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *24.22* | |
| | | *For Work In Restricted Working Space, Add* | *89.51* | |
| 23 31 13 16-0133 | EA | 14" x 14" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 394.08 | 88.58 |
| | | *For 3" WG (Class B), Add* | *53.26* | |
| | | *For 4" Or 6" WG (Class A), Add* | *142.03* | |
| | | *For 24 Gauge, Add* | *7.80* | |
| | | *For 22 Gauge, Add* | *17.94* | |
| | | *For 20 Gauge, Add* | *29.25* | |
| | | *For 18 Gauge, Add* | *44.85* | |
| | | *For 16 Gauge, Add* | *54.60* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *28.86* | |
| | | *For Work In Restricted Working Space, Add* | *106.52* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0134 | EA | 16" x 16" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 457.46 | 103.22 |
| | | *For 3" WG (Class B), Add* | *61.84* | |
| | | *For 4" Or 6" WG (Class A), Add* | *164.90* | |
| | | *For 24 Gauge, Add* | *9.04* | |
| | | *For 22 Gauge, Add* | *20.79* | |
| | | *For 20 Gauge, Add* | *33.90* | |
| | | *For 18 Gauge, Add* | *51.98* | |
| | | *For 16 Gauge, Add* | *63.28* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *33.45* | |
| | | *For Work In Restricted Working Space, Add* | *123.68* | |
| 23 31 13 16-0135 | EA | 18" x 18" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 511.92 | 115.41 |
| | | *For 3" WG (Class B), Add* | *69.19* | |
| | | *For 4" Or 6" WG (Class A), Add* | *184.51* | |
| | | *For 24 Gauge, Add* | *10.13* | |
| | | *For 22 Gauge, Add* | *23.29* | |
| | | *For 20 Gauge, Add* | *37.98* | |
| | | *For 18 Gauge, Add* | *58.24* | |
| | | *For 16 Gauge, Add* | *70.90* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *37.47* | |
| | | *For Work In Restricted Working Space, Add* | *138.38* | |
| 23 31 13 16-0136 | EA | 20" x 20" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 582.24 | 131.28 |
| | | *For 3" WG (Class B), Add* | *78.69* | |
| | | *For 4" Or 6" WG (Class A), Add* | *209.84* | |
| | | *For 24 Gauge, Add* | *11.53* | |
| | | *For 22 Gauge, Add* | *26.51* | |
| | | *For 20 Gauge, Add* | *43.22* | |
| | | *For 18 Gauge, Add* | *66.27* | |
| | | *For 16 Gauge, Add* | *80.68* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *42.65* | |
| | | *For Work In Restricted Working Space, Add* | *157.38* | |
| 23 31 13 16-0137 | EA | 22" x 22" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 650.08 | 146.44 |
| | | *For 3" WG (Class B), Add* | *87.87* | |
| | | *For 4" Or 6" WG (Class A), Add* | *234.33* | |
| | | *For 24 Gauge, Add* | *12.85* | |
| | | *For 22 Gauge, Add* | *29.56* | |
| | | *For 20 Gauge, Add* | *48.19* | |
| | | *For 18 Gauge, Add* | *73.89* | |
| | | *For 16 Gauge, Add* | *89.95* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *47.55* | |
| | | *For Work In Restricted Working Space, Add* | *175.75* | |
| 23 31 13 16-0138 | EA | 24" x 24" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral | 704.87 | 158.93 |
| | | *For 3" WG (Class B), Add* | *95.29* | |
| | | *For 4" Or 6" WG (Class A), Add* | *254.10* | |
| | | *For 24 Gauge, Add* | *13.92* | |
| | | *For 22 Gauge, Add* | *32.02* | |
| | | *For 20 Gauge, Add* | *52.21* | |
| | | *For 18 Gauge, Add* | *80.05* | |
| | | *For 16 Gauge, Add* | *97.45* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *51.51* | |
| | | *For Work In Restricted Working Space, Add* | *190.58* | |

## 23 31 13 16-0139 Slip Joint, Galvanized, Spiral Duct Reducers *(23 31 13 16-0074)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0140 | EA | 6" x 4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 90.20 | 20.48 |
| | | *For 3" WG (Class B), Add* | *12.29* | |
| | | *For 4" Or 6" WG (Class A), Add* | *32.77* | |
| | | *For 24 Gauge, Add* | *1.66* | |
| | | *For 22 Gauge, Add* | *3.81* | |
| | | *For 20 Gauge, Add* | *6.21* | |
| | | *For 18 Gauge, Add* | *9.52* | |
| | | *For 16 Gauge, Add* | *11.59* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *6.13* | |
| | | *For Work In Restricted Working Space, Add* | *24.58* | |
| 23 31 13 16-0141 | EA | 8" x 6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 116.92 | 26.63 |
| | | *For 3" WG (Class B), Add* | *16.17* | |
| | | *For 4" Or 6" WG (Class A), Add* | *43.12* | |
| | | *For 24 Gauge, Add* | *1.82* | |
| | | *For 22 Gauge, Add* | *4.20* | |
| | | *For 20 Gauge, Add* | *6.84* | |
| | | *For 18 Gauge, Add* | *10.49* | |
| | | *For 16 Gauge, Add* | *12.77* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *6.75* | |
| | | *For Work In Restricted Working Space, Add* | *32.34* | |
| 23 31 13 16-0142 | EA | 10" x 8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 146.63 | 33.80 |
| | | *For 3" WG (Class B), Add* | *20.48* | |
| | | *For 4" Or 6" WG (Class A), Add* | *54.62* | |
| | | *For 24 Gauge, Add* | *2.02* | |
| | | *For 22 Gauge, Add* | *4.64* | |
| | | *For 20 Gauge, Add* | *7.57* | |
| | | *For 18 Gauge, Add* | *11.60* | |
| | | *For 16 Gauge, Add* | *14.13* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *7.47* | |
| | | *For Work In Restricted Working Space, Add* | *40.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0143 | EA | 12" x 10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 181.74 | 43.01 |
| | | *For 3" WG (Class B), Add* | *25.60* | |
| | | *For 4" Or 6" WG (Class A), Add* | *68.27* | |
| | | *For 24 Gauge, Add* | *2.21* | |
| | | *For 22 Gauge, Add* | *5.09* | |
| | | *For 20 Gauge, Add* | *8.30* | |
| | | *For 18 Gauge, Add* | *12.73* | |
| | | *For 16 Gauge, Add* | *15.50* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *8.19* | |
| | | *For Work In Restricted Working Space, Add* | *51.20* | |
| 23 31 13 16-0144 | EA | 14" x 12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 198.51 | 47.11 |
| | | *For 3" WG (Class B), Add* | *27.93* | |
| | | *For 4" Or 6" WG (Class A), Add* | *74.48* | |
| | | *For 24 Gauge, Add* | *2.46* | |
| | | *For 22 Gauge, Add* | *5.67* | |
| | | *For 20 Gauge, Add* | *9.24* | |
| | | *For 18 Gauge, Add* | *14.17* | |
| | | *For 16 Gauge, Add* | *17.25* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *9.12* | |
| | | *For Work In Restricted Working Space, Add* | *55.86* | |
| 23 31 13 16-0145 | EA | 16" x 14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 241.52 | 55.29 |
| | | *For 3" WG (Class B), Add* | *33.03* | |
| | | *For 4" Or 6" WG (Class A), Add* | *88.09* | |
| | | *For 24 Gauge, Add* | *4.26* | |
| | | *For 22 Gauge, Add* | *9.80* | |
| | | *For 20 Gauge, Add* | *15.98* | |
| | | *For 18 Gauge, Add* | *24.50* | |
| | | *For 16 Gauge, Add* | *29.82* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *15.76* | |
| | | *For Work In Restricted Working Space, Add* | *66.07* | |
| 23 31 13 16-0146 | EA | 18" x 16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 295.83 | 68.61 |
| | | *For 3" WG (Class B), Add* | *40.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *109.23* | |
| | | *For 24 Gauge, Add* | *4.55* | |
| | | *For 22 Gauge, Add* | *10.47* | |
| | | *For 20 Gauge, Add* | *17.07* | |
| | | *For 18 Gauge, Add* | *26.17* | |
| | | *For 16 Gauge, Add* | *31.86* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *16.84* | |
| | | *For Work In Restricted Working Space, Add* | *81.92* | |
| 23 31 13 16-0147 | EA | 20" x 18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 354.62 | 82.95 |
| | | *For 3" WG (Class B), Add* | *49.55* | |
| | | *For 4" Or 6" WG (Class A), Add* | *132.13* | |
| | | *For 24 Gauge, Add* | *4.86* | |
| | | *For 22 Gauge, Add* | *11.17* | |
| | | *For 20 Gauge, Add* | *18.22* | |
| | | *For 18 Gauge, Add* | *27.93* | |
| | | *For 16 Gauge, Add* | *34.01* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *17.97* | |
| | | *For Work In Restricted Working Space, Add* | *99.10* | |
| 23 31 13 16-0148 | EA | 22" x 20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 412.24 | 96.26 |
| | | *For 3" WG (Class B), Add* | *57.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *154.57* | |
| | | *For 24 Gauge, Add* | *5.16* | |
| | | *For 22 Gauge, Add* | *11.88* | |
| | | *For 20 Gauge, Add* | *19.37* | |
| | | *For 18 Gauge, Add* | *29.69* | |
| | | *For 16 Gauge, Add* | *36.15* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *19.11* | |
| | | *For Work In Restricted Working Space, Add* | *115.93* | |
| 23 31 13 16-0149 | EA | 24" x 22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer | 462.98 | 109.57 |
| | | *For 3" WG (Class B), Add* | *65.36* | |
| | | *For 4" Or 6" WG (Class A), Add* | *174.30* | |
| | | *For 24 Gauge, Add* | *5.44* | |
| | | *For 22 Gauge, Add* | *12.52* | |
| | | *For 20 Gauge, Add* | *20.42* | |
| | | *For 18 Gauge, Add* | *31.30* | |
| | | *For 16 Gauge, Add* | *38.11* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *20.14* | |
| | | *For Work In Restricted Working Space, Add* | *130.73* | |

### 23 31 13 16-0150 Slip Joint, Galvanized, Spiral Duct Couplings *(23 31 13 16-0074)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0151 | EA | 4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 59.27 | 14.33 |
| | | *For 3" WG (Class B), Add* | *8.30* | |
| | | *For 4" Or 6" WG (Class A), Add* | *22.14* | |
| | | *For 24 Gauge, Add* | *0.78* | |
| | | *For 22 Gauge, Add* | *1.80* | |
| | | *For 20 Gauge, Add* | *2.94* | |
| | | *For 18 Gauge, Add* | *4.51* | |
| | | *For 16 Gauge, Add* | *5.49* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *2.90* | |
| | | *For Work In Restricted Working Space, Add* | *16.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0152 | EA | 6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 86.38 | 20.48 |
| | | *For 3" WG (Class B), Add* | *12.29* | |
| | | *For 4" Or 6" WG (Class A), Add* | *32.77* | |
| | | *For 24 Gauge, Add* | *0.89* | |
| | | *For 22 Gauge, Add* | *2.05* | |
| | | *For 20 Gauge, Add* | *3.35* | |
| | | *For 18 Gauge, Add* | *5.13* | |
| | | *For 16 Gauge, Add* | *6.24* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.30* | |
| | | *For Work In Restricted Working Space, Add* | *24.58* | |
| 23 31 13 16-0153 | EA | 8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 112.60 | 26.63 |
| | | *For 3" WG (Class B), Add* | *16.17* | |
| | | *For 4" Or 6" WG (Class A), Add* | *43.12* | |
| | | *For 24 Gauge, Add* | *0.96* | |
| | | *For 22 Gauge, Add* | *2.21* | |
| | | *For 20 Gauge, Add* | *3.60* | |
| | | *For 18 Gauge, Add* | *5.52* | |
| | | *For 16 Gauge, Add* | *6.72* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.55* | |
| | | *For Work In Restricted Working Space, Add* | *32.34* | |
| 23 31 13 16-0154 | EA | 10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 141.69 | 33.80 |
| | | *For 3" WG (Class B), Add* | *20.48* | |
| | | *For 4" Or 6" WG (Class A), Add* | *54.62* | |
| | | *For 24 Gauge, Add* | *1.03* | |
| | | *For 22 Gauge, Add* | *2.37* | |
| | | *For 20 Gauge, Add* | *3.86* | |
| | | *For 18 Gauge, Add* | *5.92* | |
| | | *For 16 Gauge, Add* | *7.21* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.81* | |
| | | *For Work In Restricted Working Space, Add* | *40.96* | |
| 23 31 13 16-0155 | EA | 12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 176.17 | 43.01 |
| | | *For 3" WG (Class B), Add* | *25.60* | |
| | | *For 4" Or 6" WG (Class A), Add* | *68.27* | |
| | | *For 24 Gauge, Add* | *1.10* | |
| | | *For 22 Gauge, Add* | *2.53* | |
| | | *For 20 Gauge, Add* | *4.13* | |
| | | *For 18 Gauge, Add* | *6.33* | |
| | | *For 16 Gauge, Add* | *7.70* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.07* | |
| | | *For Work In Restricted Working Space, Add* | *51.20* | |
| 23 31 13 16-0156 | EA | 14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 192.04 | 47.11 |
| | | *For 3" WG (Class B), Add* | *27.93* | |
| | | *For 4" Or 6" WG (Class A), Add* | *74.48* | |
| | | *For 24 Gauge, Add* | *1.17* | |
| | | *For 22 Gauge, Add* | *2.69* | |
| | | *For 20 Gauge, Add* | *4.39* | |
| | | *For 18 Gauge, Add* | *6.73* | |
| | | *For 16 Gauge, Add* | *8.19* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.33* | |
| | | *For Work In Restricted Working Space, Add* | *55.86* | |
| 23 31 13 16-0157 | EA | 16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 226.69 | 55.29 |
| | | *For 3" WG (Class B), Add* | *33.03* | |
| | | *For 4" Or 6" WG (Class A), Add* | *88.09* | |
| | | *For 24 Gauge, Add* | *1.29* | |
| | | *For 22 Gauge, Add* | *2.98* | |
| | | *For 20 Gauge, Add* | *4.85* | |
| | | *For 18 Gauge, Add* | *7.44* | |
| | | *For 16 Gauge, Add* | *9.06* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.79* | |
| | | *For Work In Restricted Working Space, Add* | *66.07* | |
| 23 31 13 16-0158 | EA | 18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 279.89 | 68.61 |
| | | *For 3" WG (Class B), Add* | *40.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *109.23* | |
| | | *For 24 Gauge, Add* | *1.36* | |
| | | *For 22 Gauge, Add* | *3.14* | |
| | | *For 20 Gauge, Add* | *5.12* | |
| | | *For 18 Gauge, Add* | *7.84* | |
| | | *For 16 Gauge, Add* | *9.55* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.05* | |
| | | *For Work In Restricted Working Space, Add* | *81.92* | |
| 23 31 13 16-0159 | EA | 20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 337.57 | 82.95 |
| | | *For 3" WG (Class B), Add* | *49.55* | |
| | | *For 4" Or 6" WG (Class A), Add* | *132.13* | |
| | | *For 24 Gauge, Add* | *1.45* | |
| | | *For 22 Gauge, Add* | *3.33* | |
| | | *For 20 Gauge, Add* | *5.43* | |
| | | *For 18 Gauge, Add* | *8.33* | |
| | | *For 16 Gauge, Add* | *10.14* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.36* | |
| | | *For Work In Restricted Working Space, Add* | *99.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0160 | EA | 22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 393.94 | 193.54 |
| | | *For 3" WG (Class B), Add* | *57.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *154.57* | |
| | | *For 24 Gauge, Add* | *1.50* | |
| | | *For 22 Gauge, Add* | *3.46* | |
| | | *For 20 Gauge, Add* | *5.64* | |
| | | *For 18 Gauge, Add* | *8.65* | |
| | | *For 16 Gauge, Add* | *10.53* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.56* | |
| | | *For Work In Restricted Working Space, Add* | *115.93* | |
| 23 31 13 16-0161 | EA | 24", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling | 443.70 | 218.12 |
| | | *For 3" WG (Class B), Add* | *65.36* | |
| | | *For 4" Or 6" WG (Class A), Add* | *174.30* | |
| | | *For 24 Gauge, Add* | *1.59* | |
| | | *For 22 Gauge, Add* | *3.65* | |
| | | *For 20 Gauge, Add* | *5.96* | |
| | | *For 18 Gauge, Add* | *9.13* | |
| | | *For 16 Gauge, Add* | *11.12* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.88* | |
| | | *For Work In Restricted Working Space, Add* | *130.73* | |

## 23 31 13 16-0162 Slip Joint, Galvanized, Spiral Duct Caps *(23 31 13 16-0074)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 16-0163 | EA | 4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 32.27 | 14.33 |
| | | *For 3" WG (Class B), Add* | *4.15* | |
| | | *For 4" Or 6" WG (Class A), Add* | *11.07* | |
| | | *For 24 Gauge, Add* | *0.92* | |
| | | *For 22 Gauge, Add* | *2.11* | |
| | | *For 20 Gauge, Add* | *3.44* | |
| | | *For 18 Gauge, Add* | *5.28* | |
| | | *For 16 Gauge, Add* | *6.43* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.40* | |
| | | *For Work In Restricted Working Space, Add* | *8.30* | |
| 23 31 13 16-0164 | EA | 6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 46.11 | 20.48 |
| | | *For 3" WG (Class B), Add* | *6.14* | |
| | | *For 4" Or 6" WG (Class A), Add* | *16.38* | |
| | | *For 24 Gauge, Add* | *1.03* | |
| | | *For 22 Gauge, Add* | *2.37* | |
| | | *For 20 Gauge, Add* | *3.86* | |
| | | *For 18 Gauge, Add* | *5.92* | |
| | | *For 16 Gauge, Add* | *7.21* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *3.81* | |
| | | *For Work In Restricted Working Space, Add* | *12.29* | |
| 23 31 13 16-0165 | EA | 8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 59.53 | 27.65 |
| | | *For 3" WG (Class B), Add* | *8.08* | |
| | | *For 4" Or 6" WG (Class A), Add* | *21.56* | |
| | | *For 24 Gauge, Add* | *1.13* | |
| | | *For 22 Gauge, Add* | *2.59* | |
| | | *For 20 Gauge, Add* | *4.23* | |
| | | *For 18 Gauge, Add* | *6.49* | |
| | | *For 16 Gauge, Add* | *7.90* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.17* | |
| | | *For Work In Restricted Working Space, Add* | *16.17* | |
| 23 31 13 16-0166 | EA | 10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 74.53 | 34.81 |
| | | *For 3" WG (Class B), Add* | *10.24* | |
| | | *For 4" Or 6" WG (Class A), Add* | *27.31* | |
| | | *For 24 Gauge, Add* | *1.25* | |
| | | *For 22 Gauge, Add* | *2.88* | |
| | | *For 20 Gauge, Add* | *4.70* | |
| | | *For 18 Gauge, Add* | *7.20* | |
| | | *For 16 Gauge, Add* | *8.76* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *4.63* | |
| | | *For Work In Restricted Working Space, Add* | *20.48* | |
| 23 31 13 16-0167 | EA | 12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 92.30 | 43.01 |
| | | *For 3" WG (Class B), Add* | *12.80* | |
| | | *For 4" Or 6" WG (Class A), Add* | *34.14* | |
| | | *For 24 Gauge, Add* | *1.39* | |
| | | *For 22 Gauge, Add* | *3.20* | |
| | | *For 20 Gauge, Add* | *5.22* | |
| | | *For 18 Gauge, Add* | *8.00* | |
| | | *For 16 Gauge, Add* | *9.74* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.15* | |
| | | *For Work In Restricted Working Space, Add* | *25.60* | |
| 23 31 13 16-0168 | EA | 14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 100.75 | 47.11 |
| | | *For 3" WG (Class B), Add* | *13.96* | |
| | | *For 4" Or 6" WG (Class A), Add* | *37.24* | |
| | | *For 24 Gauge, Add* | *1.53* | |
| | | *For 22 Gauge, Add* | *3.52* | |
| | | *For 20 Gauge, Add* | *5.75* | |
| | | *For 18 Gauge, Add* | *8.81* | |
| | | *For 16 Gauge, Add* | *10.72* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *5.67* | |
| | | *For Work In Restricted Working Space, Add* | *27.93* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 16-0169 | EA | 16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 116.64 | 54.28 |
| | | *For 3" WG (Class B), Add* | *16.17* | |
| | | *For 4" Or 6" WG (Class A), Add* | *43.12* | |
| | | *For 24 Gauge, Add* | *1.77* | |
| | | *For 22 Gauge, Add* | *4.07* | |
| | | *For 20 Gauge, Add* | *6.63* | |
| | | *For 18 Gauge, Add* | *10.17* | |
| | | *For 16 Gauge, Add* | *12.38* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *6.54* | |
| | | *For Work In Restricted Working Space, Add* | *32.34* | |
| 23 31 13 16-0170 | EA | 18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 166.33 | 68.61 |
| | | *For 3" WG (Class B), Add* | *20.48* | |
| | | *For 4" Or 6" WG (Class A), Add* | *54.62* | |
| | | *For 24 Gauge, Add* | *5.96* | |
| | | *For 22 Gauge, Add* | *13.70* | |
| | | *For 20 Gauge, Add* | *22.34* | |
| | | *For 18 Gauge, Add* | *34.26* | |
| | | *For 16 Gauge, Add* | *41.71* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *22.04* | |
| | | *For Work In Restricted Working Space, Add* | *40.96* | |
| 23 31 13 16-0171 | EA | 20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 202.97 | 85.00 |
| | | *For 3" WG (Class B), Add* | *25.60* | |
| | | *For 4" Or 6" WG (Class A), Add* | *68.27* | |
| | | *For 24 Gauge, Add* | *6.46* | |
| | | *For 22 Gauge, Add* | *14.86* | |
| | | *For 20 Gauge, Add* | *24.23* | |
| | | *For 18 Gauge, Add* | *37.15* | |
| | | *For 16 Gauge, Add* | *45.22* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *23.90* | |
| | | *For Work In Restricted Working Space, Add* | *51.20* | |
| 23 31 13 16-0172 | EA | 22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 220.99 | 93.19 |
| | | *For 3" WG (Class B), Add* | *27.93* | |
| | | *For 4" Or 6" WG (Class A), Add* | *74.48* | |
| | | *For 24 Gauge, Add* | *6.96* | |
| | | *For 22 Gauge, Add* | *16.01* | |
| | | *For 20 Gauge, Add* | *26.10* | |
| | | *For 18 Gauge, Add* | *40.02* | |
| | | *For 16 Gauge, Add* | *48.72* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *25.75* | |
| | | *For Work In Restricted Working Space, Add* | *55.86* | |
| 23 31 13 16-0173 | EA | 24", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap | 255.26 | 108.55 |
| | | *For 3" WG (Class B), Add* | *32.68* | |
| | | *For 4" Or 6" WG (Class A), Add* | *87.15* | |
| | | *For 24 Gauge, Add* | *7.48* | |
| | | *For 22 Gauge, Add* | *17.19* | |
| | | *For 20 Gauge, Add* | *28.04* | |
| | | *For 18 Gauge, Add* | *42.99* | |
| | | *For 16 Gauge, Add* | *52.33* | |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *27.66* | |
| | | *For Work In Restricted Working Space, Add* | *65.36* | |

## 23 31 13 19 Metal Duct Fittings *(23 31 13)*

### 23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 19-0002 | LF | Sheet Metal Baffles Under Raised Floor | 36.92 | 29.73 |
| | | *For Work In Restricted Working Space, Add* | *10.87* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.62* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.25* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.49* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.12* | |
| | | *For Elevated Installation >40', Add* | *19.93* | |

### 23 31 13 19-0003 Duct Register Boots *(23 31 13 19)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 19-0004 | EA | 10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel | 34.36 | 13.86 |
| | | *For Stainless Steel, Add* | *8.61* | |
| 23 31 13 19-0005 | EA | 10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel | 34.36 | 13.86 |
| | | *For Stainless Steel, Add* | *8.61* | |
| 23 31 13 19-0006 | EA | 12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel | 36.72 | 14.98 |
| | | *For Stainless Steel, Add* | *8.80* | |
| 23 31 13 19-0007 | EA | 12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel | 36.72 | 14.98 |
| | | *For Stainless Steel, Add* | *8.80* | |
| 23 31 13 19-0008 | EA | 12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel | 38.35 | 14.98 |
| | | *For Stainless Steel, Add* | *10.92* | |
| 23 31 13 19-0009 | EA | 14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel | 39.75 | 16.09 |
| | | *For Stainless Steel, Add* | *9.85* | |
| 23 31 13 19-0010 | EA | 14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel | 39.75 | 16.09 |
| | | *For Stainless Steel, Add* | *9.85* | |
| 23 31 13 19-0011 | EA | 14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel | 40.76 | 16.09 |
| | | *For Stainless Steel, Add* | *11.17* | |
| 23 31 13 19-0012 | EA | 10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel | 40.36 | 17.20 |
| | | *For Stainless Steel, Add* | *7.75* | |
| 23 31 13 19-0013 | EA | 12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel | 42.75 | 18.31 |
| | | *For Stainless Steel, Add* | *7.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 13 19-0014 | EA | 12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel | 46.91 | 18.31 |
| | | *For Stainless Steel, Add* | *13.39* | |
| 23 31 13 19-0015 | EA | 14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel | 45.33 | 19.41 |
| | | *For Stainless Steel, Add* | *8.45* | |
| 23 31 13 19-0016 | EA | 14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel | 49.41 | 19.41 |
| | | *For Stainless Steel, Add* | *13.75* | |
| 23 31 13 19-0017 | EA | 12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel | 35.73 | 14.98 |
| | | *For Stainless Steel, Add* | *7.51* | |
| 23 31 13 19-0018 | EA | 12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel | 35.73 | 14.98 |
| | | *For Stainless Steel, Add* | *7.51* | |
| 23 31 13 19-0019 | EA | 14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel | 38.62 | 16.09 |
| | | *For Stainless Steel, Add* | *8.39* | |
| 23 31 13 19-0020 | EA | 14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel | 39.59 | 16.09 |
| | | *For Stainless Steel, Add* | *9.65* | |
| 23 31 13 19-0021 | EA | 10" x 4" x 6" Register Boot, Center, Galvanized Steel | 40.49 | 17.20 |
| | | *For Stainless Steel, Add* | *7.92* | |
| 23 31 13 19-0022 | EA | 12" x 4" x 6" Register Boot, Center, Galvanized Steel | 42.86 | 18.31 |
| | | *For Stainless Steel, Add* | *8.13* | |
| 23 31 13 19-0023 | EA | 12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel | 36.40 | 14.98 |
| | | *For Stainless Steel, Add* | *8.39* | |
| 23 31 13 19-0024 | EA | 14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel | 39.01 | 16.09 |
| | | *For Stainless Steel, Add* | *8.89* | |
| 23 31 13 19-0025 | EA | 10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel | 34.36 | 13.86 |
| | | *For Stainless Steel, Add* | *8.61* | |
| 23 31 13 19-0026 | EA | 12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel | 36.72 | 14.98 |
| | | *For Stainless Steel, Add* | *8.80* | |
| 23 31 13 19-0027 | EA | 14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel | 39.75 | 16.09 |
| | | *For Stainless Steel, Add* | *9.85* | |
| 23 31 13 19-0028 | EA | 14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel | 39.75 | 16.09 |
| | | *For Stainless Steel, Add* | *9.85* | |
| 23 31 13 19-0029 | EA | 10" x 4" x 6" Register Boot, Universal, Galvanized Steel | 40.36 | 17.20 |
| | | *For Stainless Steel, Add* | *7.75* | |
| 23 31 13 19-0030 | EA | 12" x 4" x 6" Register Boot, Universal, Galvanized Steel | 42.75 | 18.31 |
| | | *For Stainless Steel, Add* | *7.98* | |
| 23 31 13 19-0031 | EA | 12" x 4" x 7" Register Boot, Universal, Galvanized Steel | 46.91 | 18.31 |
| | | *For Stainless Steel, Add* | *13.39* | |
| 23 31 13 19-0032 | EA | 14" x 4" x 7" Register Boot, Universal, Galvanized Steel | 49.13 | 19.41 |
| | | *For Stainless Steel, Add* | *13.39* | |

### 23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

#### 23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

#### 23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

| | | | | |
|---|---|---|---|---|
| 23 31 13 23-0003 | LB | Galvanized Steel Welded Duct | 20.88 | 9.01 |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *2.08* | |
| | | *For Work In Restricted Working Space, Add* | *5.42* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.32* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.04* | |
| | | *For Elevated Installation >40', Add* | *9.94* | |

#### 23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 13 23-0005 | LB | Black Steel Ductwork | 19.21 | 9.30 |
| | | *For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add* | *0.47* | |
| | | *For Work In Restricted Working Space, Add* | *5.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.86* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.72* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.65* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.50* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.29* | |
| | | *For Elevated Installation >40', Add* | *10.22* | |

## 23 31 16 Nonmetal Ducts *(23 31)*

### 23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

#### 23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

| | | | | |
|---|---|---|---|---|
| 23 31 16 13-0002 | SF | 1" Glass Fiber Duct Board (EI-475) | 9.43 | 1.86 |
| 23 31 16 13-0003 | SF | 1-1/2" Glass Fiber Duct Board (EI-800) | 11.18 | 2.05 |
| 23 31 16 13-0004 | SF | 2" Glass Fiber Duct Board (EI-800) | 12.99 | 2.25 |

### 23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 31 16 16-0001** | | **Fiber Reinforced Round Plastic Duct** *(23 31 16 16)* | | |
| **23 31 16 16-0002** | | **Fiber Reinforced Round Plastic Duct** *(23 31 16 16-0001)* | | |
| 23 31 16 16-0003 | LF | 2" Fiber Reinforced Plastic Duct | 16.30 | 5.67 |
| 23 31 16 16-0004 | LF | 3" Fiber Reinforced Plastic Duct | 20.30 | 6.63 |
| 23 31 16 16-0005 | LF | 4" Fiber Reinforced Plastic Duct | 27.73 | 9.73 |
| 23 31 16 16-0006 | LF | 6" Fiber Reinforced Plastic Duct | 36.60 | 12.30 |
| 23 31 16 16-0007 | LF | 8" Fiber Reinforced Plastic Duct | 46.32 | 15.39 |
| 23 31 16 16-0008 | LF | 10" Fiber Reinforced Plastic Duct | 55.83 | 18.50 |
| 23 31 16 16-0009 | LF | 12" Fiber Reinforced Plastic Duct | 63.06 | 21.60 |
| 23 31 16 16-0010 | LF | 14" Fiber Reinforced Plastic Duct | 71.70 | 23.63 |
| 23 31 16 16-0011 | LF | 16" Fiber Reinforced Plastic Duct | 77.40 | 25.12 |
| 23 31 16 16-0012 | LF | 18" Fiber Reinforced Plastic Duct | 95.46 | 28.23 |
| 23 31 16 16-0013 | LF | 20" Fiber Reinforced Plastic Duct | 100.56 | 30.26 |
| 23 31 16 16-0014 | LF | 24" Fiber Reinforced Plastic Duct | 122.76 | 32.30 |
| 23 31 16 16-0015 | LF | 30" Fiber Reinforced Plastic Duct | 140.71 | 37.42 |
| 23 31 16 16-0016 | LF | 36" Fiber Reinforced Plastic Duct | 162.93 | 45.12 |
| 23 31 16 16-0017 | LF | 42" Fiber Reinforced Plastic Duct | 215.31 | 50.26 |
| 23 31 16 16-0018 | LF | 48" Fiber Reinforced Plastic Duct | 241.23 | 56.45 |
| 23 31 16 16-0019 | LF | 54" Fiber Reinforced Plastic Duct | 268.49 | 64.69 |
| 23 31 16 16-0020 | LF | 60" Fiber Reinforced Plastic Duct | 305.22 | 75.49 |
| 23 31 16 16-0021 | LF | 66" Fiber Reinforced Plastic Duct | 330.32 | 92.38 |
| 23 31 16 16-0022 | LF | 72" Fiber Reinforced Plastic Duct | 403.14 | 112.91 |
| **23 31 16 16-0023** | | **Fiber Reinforced Plastic Bell** *(23 31 16 16-0001)* | | |
| 23 31 16 16-0024 | EA | 2" Fiber Reinforced Plastic Bell | 68.24 | 22.99 |
| 23 31 16 16-0025 | EA | 3" Fiber Reinforced Plastic Bell | 82.36 | 27.27 |
| 23 31 16 16-0026 | EA | 4" Fiber Reinforced Plastic Bell | 94.77 | 32.07 |
| 23 31 16 16-0027 | EA | 6" Fiber Reinforced Plastic Bell | 124.50 | 42.77 |
| 23 31 16 16-0028 | EA | 8" Fiber Reinforced Plastic Bell | 151.44 | 53.46 |
| 23 31 16 16-0029 | EA | 10" Fiber Reinforced Plastic Bell | 175.62 | 64.16 |
| 23 31 16 16-0030 | EA | 12" Fiber Reinforced Plastic Bell | 217.75 | 79.66 |
| 23 31 16 16-0031 | EA | 14" Fiber Reinforced Plastic Bell | 232.94 | 85.54 |
| 23 31 16 16-0032 | EA | 16" Fiber Reinforced Plastic Bell | 252.41 | 91.42 |
| 23 31 16 16-0033 | EA | 18" Fiber Reinforced Plastic Bell | 271.88 | 98.37 |
| 23 31 16 16-0034 | EA | 20" Fiber Reinforced Plastic Bell | 297.33 | 106.92 |
| 23 31 16 16-0035 | EA | 24" Fiber Reinforced Plastic Bell | 346.53 | 117.62 |
| 23 31 16 16-0036 | EA | 30" Fiber Reinforced Plastic Bell | 404.09 | 128.31 |
| 23 31 16 16-0037 | EA | 36" Fiber Reinforced Plastic Bell | 458.45 | 144.35 |
| 23 31 16 16-0038 | EA | 42" Fiber Reinforced Plastic Bell | 512.79 | 160.39 |
| 23 31 16 16-0039 | EA | 48" Fiber Reinforced Plastic Bell | 567.11 | 176.43 |
| 23 31 16 16-0040 | EA | 54" Fiber Reinforced Plastic Bell | 705.96 | 213.85 |
| 23 31 16 16-0041 | EA | 60" Fiber Reinforced Plastic Bell | 840.71 | 267.31 |
| 23 31 16 16-0042 | EA | 66" Fiber Reinforced Plastic Bell | 1,008.81 | 320.77 |
| 23 31 16 16-0043 | EA | 72" Fiber Reinforced Plastic Bell | 1,155.71 | 363.54 |
| **23 31 16 16-0044** | | **Fiber Reinforced Plastic Flange** *(23 31 16 16-0001)* | | |
| 23 31 16 16-0045 | EA | 2" Fiber Reinforced Plastic Flange | 112.76 | 22.99 |
| 23 31 16 16-0046 | EA | 3" Fiber Reinforced Plastic Flange | 129.66 | 27.27 |
| 23 31 16 16-0047 | EA | 4" Fiber Reinforced Plastic Flange | 147.64 | 32.07 |
| 23 31 16 16-0048 | EA | 6" Fiber Reinforced Plastic Flange | 191.28 | 42.77 |
| 23 31 16 16-0049 | EA | 8" Fiber Reinforced Plastic Flange | 232.14 | 53.46 |
| 23 31 16 16-0050 | EA | 10" Fiber Reinforced Plastic Flange | 273.02 | 64.16 |
| 23 31 16 16-0051 | EA | 12" Fiber Reinforced Plastic Flange | 320.70 | 79.66 |
| 23 31 16 16-0052 | EA | 14" Fiber Reinforced Plastic Flange | 358.16 | 85.54 |
| 23 31 16 16-0053 | EA | 16" Fiber Reinforced Plastic Flange | 391.54 | 91.42 |
| 23 31 16 16-0054 | EA | 18" Fiber Reinforced Plastic Flange | 416.58 | 98.37 |
| 23 31 16 16-0055 | EA | 20" Fiber Reinforced Plastic Flange | 436.46 | 106.92 |
| 23 31 16 16-0056 | EA | 24" Fiber Reinforced Plastic Flange | 513.49 | 117.62 |
| 23 31 16 16-0057 | EA | 30" Fiber Reinforced Plastic Flange | 565.48 | 128.31 |
| 23 31 16 16-0058 | EA | 36" Fiber Reinforced Plastic Flange | 700.54 | 144.35 |
| 23 31 16 16-0059 | EA | 42" Fiber Reinforced Plastic Flange | 779.92 | 160.39 |
| 23 31 16 16-0060 | EA | 48" Fiber Reinforced Plastic Flange | 887.11 | 176.43 |
| 23 31 16 16-0061 | EA | 54" Fiber Reinforced Plastic Flange | 1,039.88 | 213.85 |
| 23 31 16 16-0062 | EA | 60" Fiber Reinforced Plastic Flange | 1,238.62 | 267.31 |
| 23 31 16 16-0063 | EA | 66" Fiber Reinforced Plastic Flange | 1,437.33 | 320.77 |
| 23 31 16 16-0064 | EA | 72" Fiber Reinforced Plastic Flange | 1,645.45 | 363.54 |
| **23 31 16 16-0065** | | **Fiber Reinforced Plastic 90 Degree Elbow** *(23 31 16 16-0001)* | | |
| 23 31 16 16-0066 | EA | 2" Fiber Reinforced Plastic 90 Degree Elbow | 184.21 | 55.38 |
| 23 31 16 16-0067 | EA | 3" Fiber Reinforced Plastic 90 Degree Elbow | 216.09 | 66.18 |
| 23 31 16 16-0068 | EA | 4" Fiber Reinforced Plastic 90 Degree Elbow | 250.75 | 76.98 |
| 23 31 16 16-0069 | EA | 6" Fiber Reinforced Plastic 90 Degree Elbow | 324.12 | 102.65 |
| 23 31 16 16-0070 | EA | 8" Fiber Reinforced Plastic 90 Degree Elbow | 397.50 | 128.31 |
| 23 31 16 16-0071 | EA | 10" Fiber Reinforced Plastic 90 Degree Elbow | 470.89 | 153.97 |
| 23 31 16 16-0072 | EA | 12" Fiber Reinforced Plastic 90 Degree Elbow | 577.88 | 191.51 |
| 23 31 16 16-0073 | EA | 14" Fiber Reinforced Plastic 90 Degree Elbow | 657.90 | 202.73 |
| 23 31 16 16-0074 | EA | 16" Fiber Reinforced Plastic 90 Degree Elbow | 750.99 | 220.16 |
| 23 31 16 16-0075 | EA | 18" Fiber Reinforced Plastic 90 Degree Elbow | 899.95 | 236.09 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 16 16-0076 | EA | 20" Fiber Reinforced Plastic 90 Degree Elbow | 1,039.95 | 256.62 |
| 23 31 16 16-0077 | EA | 24" Fiber Reinforced Plastic 90 Degree Elbow | 1,207.92 | 282.28 |
| 23 31 16 16-0078 | EA | 30" Fiber Reinforced Plastic 90 Degree Elbow | 1,640.24 | 307.95 |
| 23 31 16 16-0079 | EA | 36" Fiber Reinforced Plastic 90 Degree Elbow | 2,107.92 | 346.44 |
| 23 31 16 16-0080 | EA | 42" Fiber Reinforced Plastic 90 Degree Elbow | 2,784.27 | 385.04 |
| 23 31 16 16-0081 | EA | 48" Fiber Reinforced Plastic 90 Degree Elbow | 3,307.62 | 423.53 |
| 23 31 16 16-0082 | EA | 54" Fiber Reinforced Plastic 90 Degree Elbow | 3,916.28 | 513.25 |
| 23 31 16 16-0083 | EA | 60" Fiber Reinforced Plastic 90 Degree Elbow | 4,742.31 | 641.55 |
| 23 31 16 16-0084 | EA | 66" Fiber Reinforced Plastic 90 Degree Elbow | 5,567.92 | 769.65 |
| 23 31 16 16-0085 | EA | 72" Fiber Reinforced Plastic 90 Degree Elbow | 6,350.99 | 872.19 |

### 23 31 16 16-0086 Fiber Reinforced Plastic 45 Degree Elbow *(23 31 16 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 16 16-0087 | EA | 2" Fiber Reinforced Plastic 45 Degree Elbow | 153.59 | 55.38 |
| 23 31 16 16-0088 | EA | 3" Fiber Reinforced Plastic 45 Degree Elbow | 179.92 | 66.18 |
| 23 31 16 16-0089 | EA | 4" Fiber Reinforced Plastic 45 Degree Elbow | 208.99 | 76.98 |
| 23 31 16 16-0090 | EA | 6" Fiber Reinforced Plastic 45 Degree Elbow | 262.91 | 102.65 |
| 23 31 16 16-0091 | EA | 8" Fiber Reinforced Plastic 45 Degree Elbow | 316.81 | 128.31 |
| 23 31 16 16-0092 | EA | 10" Fiber Reinforced Plastic 45 Degree Elbow | 376.36 | 153.97 |
| 23 31 16 16-0093 | EA | 12" Fiber Reinforced Plastic 45 Degree Elbow | 463.88 | 191.51 |
| 23 31 16 16-0094 | EA | 14" Fiber Reinforced Plastic 45 Degree Elbow | 504.78 | 202.73 |
| 23 31 16 16-0095 | EA | 16" Fiber Reinforced Plastic 45 Degree Elbow | 606.10 | 220.06 |
| 23 31 16 16-0096 | EA | 18" Fiber Reinforced Plastic 45 Degree Elbow | 699.89 | 236.30 |
| 23 31 16 16-0097 | EA | 20" Fiber Reinforced Plastic 45 Degree Elbow | 811.70 | 256.62 |
| 23 31 16 16-0098 | EA | 24" Fiber Reinforced Plastic 45 Degree Elbow | 937.52 | 282.07 |
| 23 31 16 16-0099 | EA | 30" Fiber Reinforced Plastic 45 Degree Elbow | 1,194.62 | 307.74 |
| 23 31 16 16-0100 | EA | 36" Fiber Reinforced Plastic 45 Degree Elbow | 1,465.64 | 346.76 |
| 23 31 16 16-0101 | EA | 42" Fiber Reinforced Plastic 45 Degree Elbow | 1,874.82 | 385.25 |
| 23 31 16 16-0102 | EA | 48" Fiber Reinforced Plastic 45 Degree Elbow | 2,208.48 | 423.53 |
| 23 31 16 16-0103 | EA | 54" Fiber Reinforced Plastic 45 Degree Elbow | 2,630.71 | 513.25 |
| 23 31 16 16-0104 | EA | 60" Fiber Reinforced Plastic 45 Degree Elbow | 3,150.65 | 641.55 |
| 23 31 16 16-0105 | EA | 66" Fiber Reinforced Plastic 45 Degree Elbow | 3,701.11 | 768.16 |
| 23 31 16 16-0106 | EA | 72" Fiber Reinforced Plastic 45 Degree Elbow | 4,182.13 | 873.04 |

### 23 31 16 16-0107 Fiber Reinforced Plastic Tee *(23 31 16 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 16 16-0108 | EA | 2" Fiber Reinforced Plastic Tee | 235.11 | 82.65 |
| 23 31 16 16-0109 | EA | 3" Fiber Reinforced Plastic Tee | 277.24 | 99.55 |
| 23 31 16 16-0110 | EA | 4" Fiber Reinforced Plastic Tee | 317.68 | 115.48 |
| 23 31 16 16-0111 | EA | 6" Fiber Reinforced Plastic Tee | 409.67 | 153.97 |
| 23 31 16 16-0112 | EA | 8" Fiber Reinforced Plastic Tee | 499.97 | 191.51 |
| 23 31 16 16-0113 | EA | 10" Fiber Reinforced Plastic Tee | 595.32 | 232.02 |
| 23 31 16 16-0114 | EA | 12" Fiber Reinforced Plastic Tee | 719.16 | 281.21 |
| 23 31 16 16-0115 | EA | 14" Fiber Reinforced Plastic Tee | 785.49 | 304.31 |
| 23 31 16 16-0116 | EA | 16" Fiber Reinforced Plastic Tee | 912.67 | 330.61 |
| 23 31 16 16-0117 | EA | 18" Fiber Reinforced Plastic Tee | 1,035.45 | 354.13 |
| 23 31 16 16-0118 | EA | 20" Fiber Reinforced Plastic Tee | 1,198.17 | 385.04 |
| 23 31 16 16-0119 | EA | 24" Fiber Reinforced Plastic Tee | 1,373.70 | 423.53 |
| 23 31 16 16-0120 | EA | 30" Fiber Reinforced Plastic Tee | 1,646.22 | 461.81 |
| 23 31 16 16-0121 | EA | 36" Fiber Reinforced Plastic Tee | 1,979.54 | 519.87 |
| 23 31 16 16-0122 | EA | 42" Fiber Reinforced Plastic Tee | 2,632.17 | 577.61 |
| 23 31 16 16-0123 | EA | 48" Fiber Reinforced Plastic Tee | 3,146.05 | 635.46 |
| 23 31 16 16-0124 | EA | 54" Fiber Reinforced Plastic Tee | 3,788.28 | 770.39 |
| 23 31 16 16-0125 | EA | 60" Fiber Reinforced Plastic Tee | 4,526.27 | 962.76 |
| 23 31 16 16-0126 | EA | 66" Fiber Reinforced Plastic Tee | 5,263.65 | 1,154.69 |
| 23 31 16 16-0127 | EA | 72" Fiber Reinforced Plastic Tee | 5,938.69 | 1,309.30 |

### 23 31 16 16-0128 Fiber Reinforced Plastic Lateral Joint *(23 31 16 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 16 16-0129 | EA | 2" Fiber Reinforced Plastic Lateral Joint | 193.36 | 82.65 |
| 23 31 16 16-0130 | EA | 3" Fiber Reinforced Plastic Lateral Joint | 227.13 | 99.55 |
| 23 31 16 16-0131 | EA | 4" Fiber Reinforced Plastic Lateral Joint | 259.28 | 115.48 |
| 23 31 16 16-0132 | EA | 6" Fiber Reinforced Plastic Lateral Joint | 329.06 | 153.97 |
| 23 31 16 16-0133 | EA | 8" Fiber Reinforced Plastic Lateral Joint | 397.09 | 191.51 |
| 23 31 16 16-0134 | EA | 10" Fiber Reinforced Plastic Lateral Joint | 475.72 | 232.02 |
| 23 31 16 16-0135 | EA | 12" Fiber Reinforced Plastic Lateral Joint | 569.14 | 281.42 |
| 23 31 16 16-0136 | EA | 14" Fiber Reinforced Plastic Lateral Joint | 618.06 | 304.10 |
| 23 31 16 16-0137 | EA | 16" Fiber Reinforced Plastic Lateral Joint | 679.16 | 330.72 |
| 23 31 16 16-0138 | EA | 18" Fiber Reinforced Plastic Lateral Joint | 735.45 | 354.46 |
| 23 31 16 16-0139 | EA | 20" Fiber Reinforced Plastic Lateral Joint | 803.51 | 385.25 |
| 23 31 16 16-0140 | EA | 24" Fiber Reinforced Plastic Lateral Joint | 889.52 | 423.53 |
| 23 31 16 16-0141 | EA | 30" Fiber Reinforced Plastic Lateral Joint | 983.51 | 461.60 |
| 23 31 16 16-0142 | EA | 36" Fiber Reinforced Plastic Lateral Joint | 1,110.80 | 519.55 |
| 23 31 16 16-0143 | EA | 42" Fiber Reinforced Plastic Lateral Joint | 1,241.55 | 577.93 |
| 23 31 16 16-0144 | EA | 48" Fiber Reinforced Plastic Lateral Joint | 1,364.76 | 635.25 |
| 23 31 16 16-0145 | EA | 54" Fiber Reinforced Plastic Lateral Joint | 1,628.06 | 768.16 |
| 23 31 16 16-0146 | EA | 60" Fiber Reinforced Plastic Lateral Joint | 1,983.06 | 964.47 |
| 23 31 16 16-0147 | EA | 66" Fiber Reinforced Plastic Lateral Joint | 2,398.94 | 1,155.54 |
| 23 31 16 16-0148 | EA | 72" Fiber Reinforced Plastic Lateral Joint | 2,683.02 | 1,309.30 |

### 23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer *(23 31 16 16-0001)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 31 16 16-0150 | EA | 2" Fiber Reinforced Plastic One Piece Reducer | 164.76 | 55.50 |
| 23 31 16 16-0151 | EA | 3" Fiber Reinforced Plastic One Piece Reducer | 193.89 | 66.29 |
| 23 31 16 16-0152 | EA | 4" Fiber Reinforced Plastic One Piece Reducer | 228.53 | 76.98 |
| 23 31 16 16-0153 | EA | 6" Fiber Reinforced Plastic One Piece Reducer | 293.52 | 102.65 |
| 23 31 16 16-0154 | EA | 8" Fiber Reinforced Plastic One Piece Reducer | 352.98 | 128.31 |
| 23 31 16 16-0155 | EA | 10" Fiber Reinforced Plastic One Piece Reducer | 424.61 | 154.62 |
| 23 31 16 16-0156 | EA | 12" Fiber Reinforced Plastic One Piece Reducer | 502.83 | 191.51 |
| 23 31 16 16-0157 | EA | 14" Fiber Reinforced Plastic One Piece Reducer | 538.17 | 202.73 |
| 23 31 16 16-0158 | EA | 16" Fiber Reinforced Plastic One Piece Reducer | 594.96 | 220.06 |
| 23 31 16 16-0159 | EA | 18" Fiber Reinforced Plastic One Piece Reducer | 655.37 | 236.30 |
| 23 31 16 16-0160 | EA | 20" Fiber Reinforced Plastic One Piece Reducer | 733.79 | 256.62 |
| 23 31 16 16-0161 | EA | 24" Fiber Reinforced Plastic One Piece Reducer | 838.35 | 282.60 |
| 23 31 16 16-0162 | EA | 30" Fiber Reinforced Plastic One Piece Reducer | 942.58 | 308.48 |
| 23 31 16 16-0163 | EA | 36" Fiber Reinforced Plastic One Piece Reducer | 1,067.72 | 346.76 |
| 23 31 16 16-0164 | EA | 42" Fiber Reinforced Plastic One Piece Reducer | 1,193.08 | 385.25 |
| 23 31 16 16-0165 | EA | 48" Fiber Reinforced Plastic One Piece Reducer | 1,345.87 | 423.53 |
| 23 31 16 16-0166 | EA | 54" Fiber Reinforced Plastic One Piece Reducer | 1,592.79 | 513.25 |
| 23 31 16 16-0167 | EA | 60" Fiber Reinforced Plastic One Piece Reducer | 1,895.69 | 641.55 |
| 23 31 16 16-0168 | EA | 66" Fiber Reinforced Plastic One Piece Reducer | 2,115.02 | 768.16 |
| 23 31 16 16-0169 | EA | 72" Fiber Reinforced Plastic One Piece Reducer | 2,373.42 | 873.04 |

### 23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer *(23 31 16 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 16 16-0171 | EA | 2" Fiber Reinforced Plastic Two Piece Reducer | 198.15 | 55.50 |
| 23 31 16 16-0172 | EA | 3" Fiber Reinforced Plastic Two Piece Reducer | 216.15 | 66.29 |
| 23 31 16 16-0173 | EA | 4" Fiber Reinforced Plastic Two Piece Reducer | 250.80 | 76.98 |
| 23 31 16 16-0174 | EA | 6" Fiber Reinforced Plastic Two Piece Reducer | 324.12 | 102.65 |
| 23 31 16 16-0175 | EA | 8" Fiber Reinforced Plastic Two Piece Reducer | 397.50 | 128.31 |
| 23 31 16 16-0176 | EA | 10" Fiber Reinforced Plastic Two Piece Reducer | 471.91 | 154.62 |
| 23 31 16 16-0177 | EA | 12" Fiber Reinforced Plastic Two Piece Reducer | 564.05 | 191.51 |
| 23 31 16 16-0178 | EA | 14" Fiber Reinforced Plastic Two Piece Reducer | 616.08 | 202.73 |
| 23 31 16 16-0179 | EA | 16" Fiber Reinforced Plastic Two Piece Reducer | 672.88 | 220.06 |
| 23 31 16 16-0180 | EA | 18" Fiber Reinforced Plastic Two Piece Reducer | 761.11 | 236.30 |
| 23 31 16 16-0181 | EA | 20" Fiber Reinforced Plastic Two Piece Reducer | 967.53 | 256.62 |
| 23 31 16 16-0182 | EA | 24" Fiber Reinforced Plastic Two Piece Reducer | 1,180.61 | 282.60 |
| 23 31 16 16-0183 | EA | 30" Fiber Reinforced Plastic Two Piece Reducer | 1,265.37 | 308.48 |
| 23 31 16 16-0184 | EA | 36" Fiber Reinforced Plastic Two Piece Reducer | 1,440.59 | 346.76 |
| 23 31 16 16-0185 | EA | 42" Fiber Reinforced Plastic Two Piece Reducer | 1,560.38 | 385.25 |
| 23 31 16 16-0186 | EA | 48" Fiber Reinforced Plastic Two Piece Reducer | 1,707.61 | 423.53 |
| 23 31 16 16-0187 | EA | 54" Fiber Reinforced Plastic Two Piece Reducer | 1,884.97 | 513.25 |
| 23 31 16 16-0188 | EA | 60" Fiber Reinforced Plastic Two Piece Reducer | 2,171.17 | 641.55 |
| 23 31 16 16-0189 | EA | 66" Fiber Reinforced Plastic Two Piece Reducer | 2,421.10 | 768.16 |
| 23 31 16 16-0190 | EA | 72" Fiber Reinforced Plastic Two Piece Reducer | 2,651.69 | 873.04 |

### 23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers *(23 31 16 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 31 16 16-0192 | EA | 2" Fiber Reinforced Plastic Damper | 356.71 | 55.38 |
| 23 31 16 16-0193 | EA | 3" Fiber Reinforced Plastic Damper | 402.53 | 66.18 |
| 23 31 16 16-0194 | EA | 4" Fiber Reinforced Plastic Damper | 448.31 | 76.98 |
| 23 31 16 16-0195 | EA | 6" Fiber Reinforced Plastic Damper | 532.82 | 102.65 |
| 23 31 16 16-0196 | EA | 8" Fiber Reinforced Plastic Damper | 631.24 | 128.31 |
| 23 31 16 16-0197 | EA | 10" Fiber Reinforced Plastic Damper | 715.76 | 153.97 |
| 23 31 16 16-0198 | EA | 12" Fiber Reinforced Plastic Damper | 819.97 | 191.51 |
| 23 31 16 16-0199 | EA | 14" Fiber Reinforced Plastic Damper | 908.34 | 202.73 |
| 23 31 16 16-0200 | EA | 16" Fiber Reinforced Plastic Damper | 1,006.99 | 220.16 |
| 23 31 16 16-0201 | EA | 18" Fiber Reinforced Plastic Damper | 1,103.08 | 236.09 |
| 23 31 16 16-0202 | EA | 20" Fiber Reinforced Plastic Damper | 1,179.08 | 256.62 |
| 23 31 16 16-0203 | EA | 24" Fiber Reinforced Plastic Damper | 1,333.14 | 282.28 |
| 23 31 16 16-0204 | EA | 30" Fiber Reinforced Plastic Damper | 1,542.85 | 307.95 |
| 23 31 16 16-0205 | EA | 36" Fiber Reinforced Plastic Damper | 1,774.01 | 346.44 |
| 23 31 16 16-0206 | EA | 42" Fiber Reinforced Plastic Damper | 2,032.96 | 385.04 |
| 23 31 16 16-0207 | EA | 48" Fiber Reinforced Plastic Damper | 2,264.14 | 423.53 |
| 23 31 16 16-0208 | EA | 54" Fiber Reinforced Plastic Damper | 2,664.10 | 513.25 |
| 23 31 16 16-0209 | EA | 60" Fiber Reinforced Plastic Damper | 3,128.39 | 641.55 |
| 23 31 16 16-0210 | EA | 66" Fiber Reinforced Plastic Damper | 3,564.44 | 769.65 |
| 23 31 16 16-0211 | EA | 72" Fiber Reinforced Plastic Damper | 4,097.07 | 872.19 |

## 23 33 Air Duct Accessories *(23 30)*

### 23 33 13 Dampers *(23 33)*

### 23 33 13 13 Volume-Control Dampers *(23 33 13)*

#### 23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction (Ruskin CDR) *(23 33 13 13)*

| | | | | |
|---|---|---|---|---|
| 23 33 13 13-0002 | EA | 6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 102.91 | 8.88 |
| | | *For Stainless Steel, Add* | *89.02* | |
| | | *For Parallel Blade Damper, Add* | *27.39* | |
| 23 33 13 13-0003 | EA | 7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 109.41 | 9.98 |
| | | *For Stainless Steel, Add* | *90.31* | |
| | | *For Parallel Blade Damper, Add* | *27.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 13-0004 | EA | 8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 116.64 | 11.09 |
| | | *For Stainless Steel, Add* | *91.26* | |
| | | *For Parallel Blade Damper, Add* | *28.08* | |
| 23 33 13 13-0005 | EA | 10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 125.79 | 13.31 |
| | | *For Stainless Steel, Add* | *96.97* | |
| | | *For Parallel Blade Damper, Add* | *29.84* | |
| 23 33 13 13-0006 | EA | 12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 136.04 | 14.43 |
| | | *For Stainless Steel, Add* | *102.67* | |
| | | *For Parallel Blade Damper, Add* | *31.59* | |
| 23 33 13 13-0007 | EA | 14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 163.33 | 15.54 |
| | | *For Stainless Steel, Add* | *131.20* | |
| | | *For Parallel Blade Damper, Add* | *40.37* | |
| 23 33 13 13-0008 | EA | 15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 178.56 | 16.64 |
| | | *For Stainless Steel, Add* | *142.61* | |
| | | *For Parallel Blade Damper, Add* | *43.88* | |
| 23 33 13 13-0009 | EA | 16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 188.03 | 18.86 |
| | | *For Stainless Steel, Add* | *148.29* | |
| | | *For Parallel Blade Damper, Add* | *45.63* | |
| 23 33 13 13-0010 | EA | 18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 207.12 | 19.97 |
| | | *For Stainless Steel, Add* | *165.41* | |
| | | *For Parallel Blade Damper, Add* | *50.90* | |
| 23 33 13 13-0011 | EA | 20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 244.79 | 22.19 |
| | | *For Stainless Steel, Add* | *205.35* | |
| | | *For Parallel Blade Damper, Add* | *63.18* | |
| 23 33 13 13-0012 | EA | 24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 270.64 | 22.19 |
| | | *For Stainless Steel, Add* | *233.83* | |
| | | *For Parallel Blade Damper, Add* | *71.95* | |
| 23 33 13 13-0013 | EA | 30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 310.44 | 25.52 |
| | | *For Stainless Steel, Add* | *273.77* | |
| | | *For Parallel Blade Damper, Add* | *84.24* | |
| 23 33 13 13-0014 | EA | 36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated | 334.57 | 26.63 |
| | | *For Stainless Steel, Add* | *298.31* | |
| | | *For Parallel Blade Damper, Add* | *91.79* | |

## 23 33 13 13-0015 Rectangular Opposed Blade Damper (Ruskin CD) *(23 33 13 13)*

| | | | | |
|---|---|---|---|---|
| 23 33 13 13-0016 | EA | 6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 106.69 | 12.34 |
| | | *For Stainless Steel, Add* | *90.57* | |
| | | *For Parallel Blade Damper, Add* | *27.87* | |
| 23 33 13 13-0017 | EA | 8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 113.30 | 12.89 |
| | | *For Stainless Steel, Add* | *96.99* | |
| | | *For Parallel Blade Damper, Add* | *29.84* | |
| 23 33 13 13-0018 | EA | 8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 118.51 | 13.00 |
| | | *For Stainless Steel, Add* | *103.48* | |
| | | *For Parallel Blade Damper, Add* | *31.84* | |
| 23 33 13 13-0019 | EA | 10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 118.51 | 13.00 |
| | | *For Stainless Steel, Add* | *103.48* | |
| | | *For Parallel Blade Damper, Add* | *31.84* | |
| 23 33 13 13-0020 | EA | 10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 124.61 | 13.35 |
| | | *For Stainless Steel, Add* | *109.95* | |
| | | *For Parallel Blade Damper, Add* | *33.83* | |
| 23 33 13 13-0021 | EA | 10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 138.98 | 14.79 |
| | | *For Stainless Steel, Add* | *122.86* | |
| | | *For Parallel Blade Damper, Add* | *37.80* | |
| 23 33 13 13-0022 | EA | 12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 124.61 | 13.35 |
| | | *For Stainless Steel, Add* | *109.95* | |
| | | *For Parallel Blade Damper, Add* | *33.83* | |
| 23 33 13 13-0023 | EA | 12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 136.76 | 14.12 |
| | | *For Stainless Steel, Add* | *122.86* | |
| | | *For Parallel Blade Damper, Add* | *37.80* | |
| 23 33 13 13-0024 | EA | 12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 143.99 | 14.79 |
| | | *For Stainless Steel, Add* | *129.38* | |
| | | *For Parallel Blade Damper, Add* | *39.81* | |
| 23 33 13 13-0025 | EA | 12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 154.53 | 16.68 |
| | | *For Stainless Steel, Add* | *135.85* | |
| | | *For Parallel Blade Damper, Add* | *41.80* | |
| 23 33 13 13-0026 | EA | 14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 134.30 | 14.12 |
| | | *For Stainless Steel, Add* | *119.67* | |
| | | *For Parallel Blade Damper, Add* | *36.82* | |
| 23 33 13 13-0027 | EA | 14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 143.99 | 14.79 |
| | | *For Stainless Steel, Add* | *129.38* | |
| | | *For Parallel Blade Damper, Add* | *39.81* | |
| 23 33 13 13-0028 | EA | 14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 151.19 | 15.56 |
| | | *For Stainless Steel, Add* | *135.85* | |
| | | *For Parallel Blade Damper, Add* | *41.80* | |
| 23 33 13 13-0029 | EA | 14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 159.51 | 16.68 |
| | | *For Stainless Steel, Add* | *142.32* | |
| | | *For Parallel Blade Damper, Add* | *43.79* | |
| 23 33 13 13-0030 | EA | 14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 177.49 | 18.56 |
| | | *For Stainless Steel, Add* | *158.47* | |
| | | *For Parallel Blade Damper, Add* | *48.76* | |
| 23 33 13 13-0031 | EA | 16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 143.99 | 14.79 |
| | | *For Stainless Steel, Add* | *129.38* | |
| | | *For Parallel Blade Damper, Add* | *39.81* | |
| 23 33 13 13-0032 | EA | 16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 152.30 | 15.89 |
| | | *For Stainless Steel, Add* | *135.85* | |
| | | *For Parallel Blade Damper, Add* | *41.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 13-0033 | EA | 16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 161.73 | 17.45 |
| | | *For Stainless Steel, Add* | *142.32* | |
| | | *For Parallel Blade Damper, Add* | *43.79* | |
| 23 33 13 13-0034 | EA | 16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 170.02 | 18.56 |
| | | *For Stainless Steel, Add* | *148.76* | |
| | | *For Parallel Blade Damper, Add* | *45.77* | |
| 23 33 13 13-0035 | EA | 16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 188.07 | 20.34 |
| | | *For Stainless Steel, Add* | *165.00* | |
| | | *For Parallel Blade Damper, Add* | *50.77* | |
| 23 33 13 13-0036 | EA | 16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 206.05 | 22.24 |
| | | *For Stainless Steel, Add* | *181.14* | |
| | | *For Parallel Blade Damper, Add* | *55.74* | |
| 23 33 13 13-0037 | EA | 18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 151.19 | 15.56 |
| | | *For Stainless Steel, Add* | *135.85* | |
| | | *For Parallel Blade Damper, Add* | *41.80* | |
| 23 33 13 13-0038 | EA | 18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 161.97 | 16.68 |
| | | *For Stainless Steel, Add* | *145.52* | |
| | | *For Parallel Blade Damper, Add* | *44.78* | |
| 23 33 13 13-0039 | EA | 18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 175.04 | 18.56 |
| | | *For Stainless Steel, Add* | *155.29* | |
| | | *For Parallel Blade Damper, Add* | *47.78* | |
| 23 33 13 13-0040 | EA | 18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 193.05 | 20.34 |
| | | *For Stainless Steel, Add* | *171.47* | |
| | | *For Parallel Blade Damper, Add* | *52.76* | |
| 23 33 13 13-0041 | EA | 18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 208.54 | 22.24 |
| | | *For Stainless Steel, Add* | *184.38* | |
| | | *For Parallel Blade Damper, Add* | *56.73* | |
| 23 33 13 13-0042 | EA | 18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 226.51 | 24.01 |
| | | *For Stainless Steel, Add* | *200.53* | |
| | | *For Parallel Blade Damper, Add* | *61.70* | |
| 23 33 13 13-0043 | EA | 18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 239.54 | 25.90 |
| | | *For Stainless Steel, Add* | *210.24* | |
| | | *For Parallel Blade Damper, Add* | *64.69* | |
| 23 33 13 13-0044 | EA | 20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 159.51 | 16.68 |
| | | *For Stainless Steel, Add* | *142.32* | |
| | | *For Parallel Blade Damper, Add* | *43.79* | |
| 23 33 13 13-0045 | EA | 20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 175.00 | 18.56 |
| | | *For Stainless Steel, Add* | *155.23* | |
| | | *For Parallel Blade Damper, Add* | *47.76* | |
| 23 33 13 13-0046 | EA | 20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 190.52 | 20.34 |
| | | *For Stainless Steel, Add* | *168.18* | |
| | | *For Parallel Blade Damper, Add* | *51.75* | |
| 23 33 13 13-0047 | EA | 20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 216.01 | 22.24 |
| | | *For Stainless Steel, Add* | *194.09* | |
| | | *For Parallel Blade Damper, Add* | *59.72* | |
| 23 33 13 13-0048 | EA | 20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 229.03 | 24.01 |
| | | *For Stainless Steel, Add* | *203.80* | |
| | | *For Parallel Blade Damper, Add* | *62.71* | |
| 23 33 13 13-0049 | EA | 20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 242.06 | 25.90 |
| | | *For Stainless Steel, Add* | *213.51* | |
| | | *For Parallel Blade Damper, Add* | *65.70* | |
| 23 33 13 13-0050 | EA | 20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 257.55 | 27.80 |
| | | *For Stainless Steel, Add* | *226.42* | |
| | | *For Parallel Blade Damper, Add* | *69.67* | |
| 23 33 13 13-0051 | EA | 20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 273.04 | 29.57 |
| | | *For Stainless Steel, Add* | *239.33* | |
| | | *For Parallel Blade Damper, Add* | *73.64* | |
| 23 33 13 13-0052 | EA | 24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 179.98 | 18.56 |
| | | *For Stainless Steel, Add* | *161.71* | |
| | | *For Parallel Blade Damper, Add* | *49.76* | |
| 23 33 13 13-0053 | EA | 24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 200.49 | 20.34 |
| | | *For Stainless Steel, Add* | *181.14* | |
| | | *For Parallel Blade Damper, Add* | *55.74* | |
| 23 33 13 13-0054 | EA | 24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 216.01 | 22.24 |
| | | *For Stainless Steel, Add* | *194.09* | |
| | | *For Parallel Blade Damper, Add* | *59.72* | |
| 23 33 13 13-0055 | EA | 24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 236.50 | 24.01 |
| | | *For Stainless Steel, Add* | *213.51* | |
| | | *For Parallel Blade Damper, Add* | *65.70* | |
| 23 33 13 13-0056 | EA | 24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 249.50 | 25.90 |
| | | *For Stainless Steel, Add* | *223.18* | |
| | | *For Parallel Blade Damper, Add* | *68.67* | |
| 23 33 13 13-0057 | EA | 24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 262.53 | 27.80 |
| | | *For Stainless Steel, Add* | *232.90* | |
| | | *For Parallel Blade Damper, Add* | *71.66* | |
| 23 33 13 13-0058 | EA | 24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 283.00 | 29.57 |
| | | *For Stainless Steel, Add* | *252.28* | |
| | | *For Parallel Blade Damper, Add* | *77.62* | |
| 23 33 13 13-0059 | EA | 24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 309.02 | 33.35 |
| | | *For Stainless Steel, Add* | *271.66* | |
| | | *For Parallel Blade Damper, Add* | *83.59* | |
| 23 33 13 13-0060 | EA | 24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 340.10 | 37.02 |
| | | *For Stainless Steel, Add* | *297.61* | |
| | | *For Parallel Blade Damper, Add* | *91.57* | |
| 23 33 13 13-0061 | EA | 28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 200.49 | 20.34 |
| | | *For Stainless Steel, Add* | *181.14* | |
| | | *For Parallel Blade Damper, Add* | *55.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 13-0062 | EA | 28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 216.01 | 22.24 |
| | | *For Stainless Steel, Add* | *194.09* | |
| | | *For Parallel Blade Damper, Add* | *59.72* | |
| 23 33 13 13-0063 | EA | 28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 236.50 | 24.01 |
| | | *For Stainless Steel, Add* | *213.51* | |
| | | *For Parallel Blade Damper, Add* | *65.70* | |
| 23 33 13 13-0064 | EA | 28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 251.99 | 25.90 |
| | | *For Stainless Steel, Add* | *226.42* | |
| | | *For Parallel Blade Damper, Add* | *69.67* | |
| 23 33 13 13-0065 | EA | 28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 269.97 | 27.80 |
| | | *For Stainless Steel, Add* | *242.57* | |
| | | *For Parallel Blade Damper, Add* | *74.64* | |
| 23 33 13 13-0066 | EA | 28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 287.95 | 29.57 |
| | | *For Stainless Steel, Add* | *258.71* | |
| | | *For Parallel Blade Damper, Add* | *79.60* | |
| 23 33 13 13-0067 | EA | 28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 314.00 | 33.35 |
| | | *For Stainless Steel, Add* | *278.14* | |
| | | *For Parallel Blade Damper, Add* | *85.58* | |
| 23 33 13 13-0068 | EA | 28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 340.10 | 37.02 |
| | | *For Stainless Steel, Add* | *297.61* | |
| | | *For Parallel Blade Damper, Add* | *91.57* | |
| 23 33 13 13-0069 | EA | 28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 375.48 | 38.91 |
| | | *For Stainless Steel, Add* | *336.38* | |
| | | *For Parallel Blade Damper, Add* | *103.50* | |
| 23 33 13 13-0070 | EA | 28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 411.47 | 42.58 |
| | | *For Stainless Steel, Add* | *368.71* | |
| | | *For Parallel Blade Damper, Add* | *113.45* | |
| 23 33 13 13-0071 | EA | 32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 230.95 | 22.24 |
| | | *For Stainless Steel, Add* | *213.51* | |
| | | *For Parallel Blade Damper, Add* | *65.70* | |
| 23 33 13 13-0072 | EA | 32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 241.45 | 24.01 |
| | | *For Stainless Steel, Add* | *219.95* | |
| | | *For Parallel Blade Damper, Add* | *67.68* | |
| 23 33 13 13-0073 | EA | 32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 251.99 | 25.90 |
| | | *For Stainless Steel, Add* | *226.42* | |
| | | *For Parallel Blade Damper, Add* | *69.67* | |
| 23 33 13 13-0074 | EA | 32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 267.48 | 27.80 |
| | | *For Stainless Steel, Add* | *239.33* | |
| | | *For Parallel Blade Damper, Add* | *73.64* | |
| 23 33 13 13-0075 | EA | 32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 288.92 | 29.57 |
| | | *For Stainless Steel, Add* | *259.97* | |
| | | *For Parallel Blade Damper, Add* | *79.99* | |
| 23 33 13 13-0076 | EA | 32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 314.00 | 33.35 |
| | | *For Stainless Steel, Add* | *278.14* | |
| | | *For Parallel Blade Damper, Add* | *85.58* | |
| 23 33 13 13-0077 | EA | 32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 345.08 | 37.02 |
| | | *For Stainless Steel, Add* | *304.08* | |
| | | *For Parallel Blade Damper, Add* | *93.56* | |
| 23 33 13 13-0078 | EA | 32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 376.09 | 40.69 |
| | | *For Stainless Steel, Add* | *329.94* | |
| | | *For Parallel Blade Damper, Add* | *101.52* | |
| 23 33 13 13-0079 | EA | 32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 411.47 | 42.58 |
| | | *For Stainless Steel, Add* | *368.71* | |
| | | *For Parallel Blade Damper, Add* | *113.45* | |
| 23 33 13 13-0080 | EA | 32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 455.23 | 45.58 |
| | | *For Stainless Steel, Add* | *414.04* | |
| | | *For Parallel Blade Damper, Add* | *127.40* | |
| 23 33 13 13-0081 | EA | 32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 502.83 | 48.14 |
| | | *For Stainless Steel, Add* | *465.79* | |
| | | *For Parallel Blade Damper, Add* | *143.32* | |
| 23 33 13 13-0082 | EA | 36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 251.41 | 24.01 |
| | | *For Stainless Steel, Add* | *232.90* | |
| | | *For Parallel Blade Damper, Add* | *71.66* | |
| 23 33 13 13-0083 | EA | 36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 266.90 | 25.90 |
| | | *For Stainless Steel, Add* | *245.80* | |
| | | *For Parallel Blade Damper, Add* | *75.63* | |
| 23 33 13 13-0084 | EA | 36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 282.39 | 27.80 |
| | | *For Stainless Steel, Add* | *258.71* | |
| | | *For Parallel Blade Damper, Add* | *79.60* | |
| 23 33 13 13-0085 | EA | 36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 302.89 | 29.57 |
| | | *For Stainless Steel, Add* | *278.14* | |
| | | *For Parallel Blade Damper, Add* | *85.58* | |
| 23 33 13 13-0086 | EA | 36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 321.51 | 33.35 |
| | | *For Stainless Steel, Add* | *287.90* | |
| | | *For Parallel Blade Damper, Add* | *88.58* | |
| 23 33 13 13-0087 | EA | 36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 334.54 | 35.13 |
| | | *For Stainless Steel, Add* | *297.61* | |
| | | *For Parallel Blade Damper, Add* | *91.57* | |
| 23 33 13 13-0088 | EA | 36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 376.09 | 40.69 |
| | | *For Stainless Steel, Add* | *329.94* | |
| | | *For Parallel Blade Damper, Add* | *101.52* | |
| 23 33 13 13-0089 | EA | 36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 412.05 | 44.47 |
| | | *For Stainless Steel, Add* | *362.23* | |
| | | *For Parallel Blade Damper, Add* | *111.46* | |
| 23 33 13 13-0090 | EA | 36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 446.38 | 45.92 |
| | | *For Stainless Steel, Add* | *401.09* | |
| | | *For Parallel Blade Damper, Add* | *123.41* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 13-0091 | EA | 36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 496.17 | 49.25 |
| | | *For Stainless Steel, Add* | *452.80* | |
| | | *For Parallel Blade Damper, Add* | *139.32* | |
| 23 33 13 13-0092 | EA | 36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 538.78 | 51.81 |
| | | *For Stainless Steel, Add* | *498.08* | |
| | | *For Parallel Blade Damper, Add* | *153.26* | |
| 23 33 13 13-0093 | EA | 36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 584.16 | 53.69 |
| | | *For Stainless Steel, Add* | *549.85* | |
| | | *For Parallel Blade Damper, Add* | *169.18* | |
| 23 33 13 13-0094 | EA | 40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 261.92 | 27.80 |
| | | *For Stainless Steel, Add* | *239.33* | |
| | | *For Parallel Blade Damper, Add* | *73.64* | |
| 23 33 13 13-0095 | EA | 40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 287.37 | 29.57 |
| | | *For Stainless Steel, Add* | *265.19* | |
| | | *For Parallel Blade Damper, Add* | *81.60* | |
| 23 33 13 13-0096 | EA | 40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 297.91 | 31.46 |
| | | *For Stainless Steel, Add* | *271.66* | |
| | | *For Parallel Blade Damper, Add* | *83.59* | |
| 23 33 13 13-0097 | EA | 40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 308.44 | 33.35 |
| | | *For Stainless Steel, Add* | *278.14* | |
| | | *For Parallel Blade Damper, Add* | *85.58* | |
| 23 33 13 13-0098 | EA | 40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 337.00 | 35.13 |
| | | *For Stainless Steel, Add* | *300.81* | |
| | | *For Parallel Blade Damper, Add* | *92.56* | |
| 23 33 13 13-0099 | EA | 40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 359.99 | 37.02 |
| | | *For Stainless Steel, Add* | *323.47* | |
| | | *For Parallel Blade Damper, Add* | *99.53* | |
| 23 33 13 13-0100 | EA | 40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 396.56 | 42.58 |
| | | *For Stainless Steel, Add* | *349.32* | |
| | | *For Parallel Blade Damper, Add* | *107.48* | |
| 23 33 13 13-0101 | EA | 40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 427.61 | 46.25 |
| | | *For Stainless Steel, Add* | *375.23* | |
| | | *For Parallel Blade Damper, Add* | *115.46* | |
| 23 33 13 13-0102 | EA | 40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 466.35 | 49.25 |
| | | *For Stainless Steel, Add* | *414.04* | |
| | | *For Parallel Blade Damper, Add* | *127.40* | |
| 23 33 13 13-0103 | EA | 40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 528.85 | 51.81 |
| | | *For Stainless Steel, Add* | *485.17* | |
| | | *For Parallel Blade Damper, Add* | *149.28* | |
| 23 33 13 13-0104 | EA | 40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 567.57 | 54.81 |
| | | *For Stainless Steel, Add* | *523.94* | |
| | | *For Parallel Blade Damper, Add* | *161.21* | |
| 23 33 13 13-0105 | EA | 40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 626.77 | 56.25 |
| | | *For Stainless Steel, Add* | *595.13* | |
| | | *For Parallel Blade Damper, Add* | *183.12* | |
| 23 33 13 13-0106 | EA | 40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 685.45 | 59.25 |
| | | *For Stainless Steel, Add* | *659.84* | |
| | | *For Parallel Blade Damper, Add* | *203.03* | |
| 23 33 13 13-0107 | EA | 44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 277.44 | 27.80 |
| | | *For Stainless Steel, Add* | *252.28* | |
| | | *For Parallel Blade Damper, Add* | *77.62* | |
| 23 33 13 13-0108 | EA | 44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 302.89 | 29.57 |
| | | *For Stainless Steel, Add* | *278.14* | |
| | | *For Parallel Blade Damper, Add* | *85.58* | |
| 23 33 13 13-0109 | EA | 44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 323.42 | 31.46 |
| | | *For Stainless Steel, Add* | *297.61* | |
| | | *For Parallel Blade Damper, Add* | *91.57* | |
| 23 33 13 13-0110 | EA | 44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 333.96 | 33.35 |
| | | *For Stainless Steel, Add* | *304.08* | |
| | | *For Parallel Blade Damper, Add* | *93.56* | |
| 23 33 13 13-0111 | EA | 44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 359.41 | 35.13 |
| | | *For Stainless Steel, Add* | *329.94* | |
| | | *For Parallel Blade Damper, Add* | *101.52* | |
| 23 33 13 13-0112 | EA | 44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 384.86 | 37.02 |
| | | *For Stainless Steel, Add* | *355.80* | |
| | | *For Parallel Blade Damper, Add* | *109.48* | |
| 23 33 13 13-0113 | EA | 44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 432.01 | 44.47 |
| | | *For Stainless Steel, Add* | *388.18* | |
| | | *For Parallel Blade Damper, Add* | *119.44* | |
| 23 33 13 13-0114 | EA | 44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 467.97 | 48.14 |
| | | *For Stainless Steel, Add* | *420.47* | |
| | | *For Parallel Blade Damper, Add* | *129.38* | |
| 23 33 13 13-0115 | EA | 44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 528.85 | 51.81 |
| | | *For Stainless Steel, Add* | *485.17* | |
| | | *For Parallel Blade Damper, Add* | *149.28* | |
| 23 33 13 13-0116 | EA | 44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 584.77 | 55.59 |
| | | *For Stainless Steel, Add* | *543.41* | |
| | | *For Parallel Blade Damper, Add* | *167.20* | |
| 23 33 13 13-0117 | EA | 44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 645.60 | 59.25 |
| | | *For Stainless Steel, Add* | *608.04* | |
| | | *For Parallel Blade Damper, Add* | *187.09* | |
| 23 33 13 13-0118 | EA | 44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 695.96 | 61.03 |
| | | *For Stainless Steel, Add* | *666.28* | |
| | | *For Parallel Blade Damper, Add* | *205.01* | |
| 23 33 13 13-0119 | EA | 44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 746.31 | 62.93 |
| | | *For Stainless Steel, Add* | *724.50* | |
| | | *For Parallel Blade Damper, Add* | *222.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 13-0120 | EA | 44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 796.67 | 64.81 |
| | | *For Stainless Steel, Add* | *782.74* | |
| | | *For Parallel Blade Damper, Add* | *240.84* | |
| 23 33 13 13-0121 | EA | 48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 297.91 | 29.57 |
| | | *For Stainless Steel, Add* | *271.66* | |
| | | *For Parallel Blade Damper, Add* | *83.59* | |
| 23 33 13 13-0122 | EA | 48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 323.42 | 31.46 |
| | | *For Stainless Steel, Add* | *297.61* | |
| | | *For Parallel Blade Damper, Add* | *91.57* | |
| 23 33 13 13-0123 | EA | 48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 333.96 | 33.35 |
| | | *For Stainless Steel, Add* | *304.08* | |
| | | *For Parallel Blade Damper, Add* | *93.56* | |
| 23 33 13 13-0124 | EA | 48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 359.99 | 37.02 |
| | | *For Stainless Steel, Add* | *323.47* | |
| | | *For Parallel Blade Damper, Add* | *99.53* | |
| 23 33 13 13-0125 | EA | 48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 391.00 | 40.69 |
| | | *For Stainless Steel, Add* | *349.32* | |
| | | *For Parallel Blade Damper, Add* | *107.48* | |
| 23 33 13 13-0126 | EA | 48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 422.05 | 44.47 |
| | | *For Stainless Steel, Add* | *375.23* | |
| | | *For Parallel Blade Damper, Add* | *115.46* | |
| 23 33 13 13-0127 | EA | 48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 463.02 | 48.14 |
| | | *For Stainless Steel, Add* | *414.04* | |
| | | *For Parallel Blade Damper, Add* | *127.40* | |
| 23 33 13 13-0128 | EA | 48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 503.95 | 51.81 |
| | | *For Stainless Steel, Add* | *452.80* | |
| | | *For Parallel Blade Damper, Add* | *139.32* | |
| 23 33 13 13-0129 | EA | 48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 559.86 | 55.59 |
| | | *For Stainless Steel, Add* | *511.03* | |
| | | *For Parallel Blade Damper, Add* | *157.24* | |
| 23 33 13 13-0130 | EA | 48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 625.71 | 59.25 |
| | | *For Stainless Steel, Add* | *582.18* | |
| | | *For Parallel Blade Damper, Add* | *179.13* | |
| 23 33 13 13-0131 | EA | 48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 676.10 | 61.03 |
| | | *For Stainless Steel, Add* | *640.46* | |
| | | *For Parallel Blade Damper, Add* | *197.06* | |
| 23 33 13 13-0132 | EA | 48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 741.33 | 62.93 |
| | | *For Stainless Steel, Add* | *718.03* | |
| | | *For Parallel Blade Damper, Add* | *220.93* | |
| 23 33 13 13-0133 | EA | 48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 797.25 | 66.59 |
| | | *For Stainless Steel, Add* | *776.27* | |
| | | *For Parallel Blade Damper, Add* | *238.85* | |
| 23 33 13 13-0134 | EA | 48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 862.51 | 68.49 |
| | | *For Stainless Steel, Add* | *853.88* | |
| | | *For Parallel Blade Damper, Add* | *262.73* | |
| 23 33 13 13-0135 | EA | 48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 918.99 | 74.04 |
| | | *For Stainless Steel, Add* | *905.65* | |
| | | *For Parallel Blade Damper, Add* | *278.66* | |
| 23 33 13 13-0136 | EA | 52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 318.44 | 31.46 |
| | | *For Stainless Steel, Add* | *291.14* | |
| | | *For Parallel Blade Damper, Add* | *89.58* | |
| 23 33 13 13-0137 | EA | 52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 343.89 | 33.35 |
| | | *For Stainless Steel, Add* | *316.99* | |
| | | *For Parallel Blade Damper, Add* | *97.54* | |
| 23 33 13 13-0138 | EA | 52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 374.90 | 37.02 |
| | | *For Stainless Steel, Add* | *342.85* | |
| | | *For Parallel Blade Damper, Add* | *105.49* | |
| 23 33 13 13-0139 | EA | 52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 391.00 | 40.69 |
| | | *For Stainless Steel, Add* | *349.32* | |
| | | *For Parallel Blade Damper, Add* | *107.48* | |
| 23 33 13 13-0140 | EA | 52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 424.54 | 44.47 |
| | | *For Stainless Steel, Add* | *378.47* | |
| | | *For Parallel Blade Damper, Add* | *116.45* | |
| 23 33 13 13-0141 | EA | 52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 458.04 | 48.14 |
| | | *For Stainless Steel, Add* | *407.56* | |
| | | *For Parallel Blade Damper, Add* | *125.40* | |
| 23 33 13 13-0142 | EA | 52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 499.00 | 51.81 |
| | | *For Stainless Steel, Add* | *446.37* | |
| | | *For Parallel Blade Damper, Add* | *137.34* | |
| 23 33 13 13-0143 | EA | 52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 539.97 | 55.59 |
| | | *For Stainless Steel, Add* | *485.17* | |
| | | *For Parallel Blade Damper, Add* | *149.28* | |
| 23 33 13 13-0144 | EA | 52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 595.89 | 59.25 |
| | | *For Stainless Steel, Add* | *543.41* | |
| | | *For Parallel Blade Damper, Add* | *167.20* | |
| 23 33 13 13-0145 | EA | 52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 666.68 | 62.93 |
| | | *For Stainless Steel, Add* | *620.98* | |
| | | *For Parallel Blade Damper, Add* | *191.07* | |
| 23 33 13 13-0146 | EA | 52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 721.98 | 64.81 |
| | | *For Stainless Steel, Add* | *685.65* | |
| | | *For Parallel Blade Damper, Add* | *210.97* | |
| 23 33 13 13-0147 | EA | 52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 792.27 | 66.59 |
| | | *For Stainless Steel, Add* | *769.80* | |
| | | *For Parallel Blade Damper, Add* | *236.86* | |
| 23 33 13 13-0148 | EA | 52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 863.06 | 70.37 |
| | | *For Stainless Steel, Add* | *847.37* | |
| | | *For Parallel Blade Damper, Add* | *260.73* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 13-0149 | EA | 52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 918.99 | 74.04 |
| | | *For Stainless Steel, Add* | *905.65* | |
| | | *For Parallel Blade Damper, Add* | *278.66* | |
| 23 33 13 13-0150 | EA | 52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 995.37 | 79.60 |
| | | *For Stainless Steel, Add* | *983.26* | |
| | | *For Parallel Blade Damper, Add* | *302.54* | |
| 23 33 13 13-0151 | EA | 52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,056.27 | 83.27 |
| | | *For Stainless Steel, Add* | *1,047.97* | |
| | | *For Parallel Blade Damper, Add* | *322.45* | |
| 23 33 13 13-0152 | EA | 56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 333.96 | 33.35 |
| | | *For Stainless Steel, Add* | *304.08* | |
| | | *For Parallel Blade Damper, Add* | *93.56* | |
| 23 33 13 13-0153 | EA | 56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 369.92 | 37.02 |
| | | *For Stainless Steel, Add* | *336.38* | |
| | | *For Parallel Blade Damper, Add* | *103.50* | |
| 23 33 13 13-0154 | EA | 56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 395.98 | 40.69 |
| | | *For Stainless Steel, Add* | *355.80* | |
| | | *For Parallel Blade Damper, Add* | *109.48* | |
| 23 33 13 13-0155 | EA | 56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 412.05 | 44.47 |
| | | *For Stainless Steel, Add* | *362.23* | |
| | | *For Parallel Blade Damper, Add* | *111.46* | |
| 23 33 13 13-0156 | EA | 56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 450.57 | 48.14 |
| | | *For Stainless Steel, Add* | *397.85* | |
| | | *For Parallel Blade Damper, Add* | *122.42* | |
| 23 33 13 13-0157 | EA | 56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 489.04 | 51.81 |
| | | *For Stainless Steel, Add* | *433.42* | |
| | | *For Parallel Blade Damper, Add* | *133.36* | |
| 23 33 13 13-0158 | EA | 56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 527.52 | 55.59 |
| | | *For Stainless Steel, Add* | *468.99* | |
| | | *For Parallel Blade Damper, Add* | *144.30* | |
| 23 33 13 13-0159 | EA | 56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 566.00 | 59.25 |
| | | *For Stainless Steel, Add* | *504.56* | |
| | | *For Parallel Blade Damper, Add* | *155.25* | |
| 23 33 13 13-0160 | EA | 56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 636.83 | 62.93 |
| | | *For Stainless Steel, Add* | *582.18* | |
| | | *For Parallel Blade Damper, Add* | *179.13* | |
| 23 33 13 13-0161 | EA | 56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 702.13 | 64.81 |
| | | *For Stainless Steel, Add* | *659.84* | |
| | | *For Parallel Blade Damper, Add* | *203.03* | |
| 23 33 13 13-0162 | EA | 56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 762.41 | 66.59 |
| | | *For Stainless Steel, Add* | *730.98* | |
| | | *For Parallel Blade Damper, Add* | *224.92* | |
| 23 33 13 13-0163 | EA | 56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 843.20 | 70.37 |
| | | *For Stainless Steel, Add* | *821.55* | |
| | | *For Parallel Blade Damper, Add* | *252.78* | |
| 23 33 13 13-0164 | EA | 56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 914.01 | 74.04 |
| | | *For Stainless Steel, Add* | *899.17* | |
| | | *For Parallel Blade Damper, Add* | *276.67* | |
| 23 33 13 13-0165 | EA | 56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 989.81 | 77.71 |
| | | *For Stainless Steel, Add* | *983.26* | |
| | | *For Parallel Blade Damper, Add* | *302.54* | |
| 23 33 13 13-0166 | EA | 56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,050.71 | 81.49 |
| | | *For Stainless Steel, Add* | *1,047.97* | |
| | | *For Parallel Blade Damper, Add* | *322.45* | |
| 23 33 13 13-0167 | EA | 56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,126.52 | 85.16 |
| | | *For Stainless Steel, Add* | *1,132.07* | |
| | | *For Parallel Blade Damper, Add* | *348.33* | |
| 23 33 13 13-0168 | EA | 56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,202.33 | 88.83 |
| | | *For Stainless Steel, Add* | *1,216.16* | |
| | | *For Parallel Blade Damper, Add* | *374.20* | |
| 23 33 13 13-0169 | EA | 60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 359.99 | 37.02 |
| | | *For Stainless Steel, Add* | *323.47* | |
| | | *For Parallel Blade Damper, Add* | *99.53* | |
| 23 33 13 13-0170 | EA | 60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 395.98 | 40.69 |
| | | *For Stainless Steel, Add* | *355.80* | |
| | | *For Parallel Blade Damper, Add* | *109.48* | |
| 23 33 13 13-0171 | EA | 60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 417.03 | 44.47 |
| | | *For Stainless Steel, Add* | *368.71* | |
| | | *For Parallel Blade Damper, Add* | *113.45* | |
| 23 33 13 13-0172 | EA | 60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 433.17 | 48.14 |
| | | *For Stainless Steel, Add* | *375.23* | |
| | | *For Parallel Blade Damper, Add* | *115.46* | |
| 23 33 13 13-0173 | EA | 60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 474.13 | 51.81 |
| | | *For Stainless Steel, Add* | *414.04* | |
| | | *For Parallel Blade Damper, Add* | *127.40* | |
| 23 33 13 13-0174 | EA | 60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 515.07 | 55.59 |
| | | *For Stainless Steel, Add* | *452.80* | |
| | | *For Parallel Blade Damper, Add* | *139.32* | |
| 23 33 13 13-0175 | EA | 60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 558.53 | 59.25 |
| | | *For Stainless Steel, Add* | *494.85* | |
| | | *For Parallel Blade Damper, Add* | *152.26* | |
| 23 33 13 13-0176 | EA | 60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 601.99 | 62.93 |
| | | *For Stainless Steel, Add* | *536.89* | |
| | | *For Parallel Blade Damper, Add* | *165.20* | |
| 23 33 13 13-0177 | EA | 60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 672.24 | 64.81 |
| | | *For Stainless Steel, Add* | *620.98* | |
| | | *For Parallel Blade Damper, Add* | *191.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 13-0178 | EA | 60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 737.51 | 66.59 |
| | | *For Stainless Steel, Add* | *698.61* | |
| | | *For Parallel Blade Damper, Add* | *214.96* | |
| 23 33 13 13-0179 | EA | 60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 813.35 | 70.37 |
| | | *For Stainless Steel, Add* | *782.74* | |
| | | *For Parallel Blade Damper, Add* | *240.84* | |
| 23 33 13 13-0180 | EA | 60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 889.14 | 74.04 |
| | | *For Stainless Steel, Add* | *866.84* | |
| | | *For Parallel Blade Damper, Add* | *266.72* | |
| 23 33 13 13-0181 | EA | 60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 950.00 | 77.71 |
| | | *For Stainless Steel, Add* | *931.50* | |
| | | *For Parallel Blade Damper, Add* | *286.62* | |
| 23 33 13 13-0182 | EA | 60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,040.71 | 81.49 |
| | | *For Stainless Steel, Add* | *1,034.97* | |
| | | *For Parallel Blade Damper, Add* | *318.45* | |
| 23 33 13 13-0183 | EA | 60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,121.50 | 85.16 |
| | | *For Stainless Steel, Add* | *1,125.54* | |
| | | *For Parallel Blade Damper, Add* | *346.32* | |
| 23 33 13 13-0184 | EA | 60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,202.33 | 88.83 |
| | | *For Stainless Steel, Add* | *1,216.16* | |
| | | *For Parallel Blade Damper, Add* | *374.20* | |
| 23 33 13 13-0185 | EA | 60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,273.08 | 92.61 |
| | | *For Stainless Steel, Add* | *1,293.68* | |
| | | *For Parallel Blade Damper, Add* | *398.06* | |
| 23 33 13 13-0186 | EA | 60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation | 1,343.97 | 96.28 |
| | | *For Stainless Steel, Add* | *1,371.40* | |
| | | *For Parallel Blade Damper, Add* | *421.97* | |

## 23 33 13 16 Fire Dampers *(23 33 13)*

### 23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

| | | | | |
|---|---|---|---|---|
| 23 33 13 16-0002 | SF | Curtain Type, Vertical, Fire Damper | 122.03 | 12.01 |
| | | *For Smoke Damper, Add* | *73.02* | |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *19.33* | |
| | | *For Dynamic Damper, Add* | *46.39* | |
| | | *For 3 Hour Rated, Add* | *25.77* | |
| 23 33 13 16-0003 | SF | Louver Type, Vertical, Fire Damper | 168.89 | 12.01 |
| | | *For Smoke Damper, Add* | *112.85* | |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *29.87* | |
| | | *For Dynamic Damper, Add* | *71.69* | |
| | | *For 3 Hour Rated, Add* | *39.83* | |

### 23 33 13 16-0004 Folding Curtain Fire Dampers *(23 33 13 16)*

Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

| | | | | |
|---|---|---|---|---|
| 23 33 13 16-0005 | EA | 6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 61.62 | 12.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *5.54* | |
| | | *For Dynamic Damper, Add* | *13.28* | |
| | | *For 3 Hour Rated, Add* | *7.38* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *6.15* | |
| 23 33 13 16-0006 | EA | 8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 65.03 | 12.89 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *5.93* | |
| | | *For Dynamic Damper, Add* | *14.22* | |
| | | *For 3 Hour Rated, Add* | *7.90* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *6.59* | |
| 23 33 13 16-0007 | EA | 8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 67.01 | 13.00 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *6.32* | |
| | | *For Dynamic Damper, Add* | *15.17* | |
| | | *For 3 Hour Rated, Add* | *8.43* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *7.03* | |
| 23 33 13 16-0008 | EA | 10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 67.01 | 13.00 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *6.32* | |
| | | *For Dynamic Damper, Add* | *15.17* | |
| | | *For 3 Hour Rated, Add* | *8.43* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *7.03* | |
| 23 33 13 16-0009 | EA | 10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 69.89 | 13.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *6.72* | |
| | | *For Dynamic Damper, Add* | *16.12* | |
| | | *For 3 Hour Rated, Add* | *8.96* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *7.47* | |
| 23 33 13 16-0010 | EA | 10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 77.84 | 14.79 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *7.51* | |
| | | *For Dynamic Damper, Add* | *18.02* | |
| | | *For 3 Hour Rated, Add* | *10.01* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *8.34* | |
| 23 33 13 16-0011 | EA | 12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 69.89 | 13.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *6.72* | |
| | | *For Dynamic Damper, Add* | *16.12* | |
| | | *For 3 Hour Rated, Add* | *8.96* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *7.47* | |
| 23 33 13 16-0012 | EA | 12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 75.62 | 14.12 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *7.51* | |
| | | *For Dynamic Damper, Add* | *18.02* | |
| | | *For 3 Hour Rated, Add* | *10.01* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *8.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0013 | EA | 12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 79.60 | 14.79 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *7.90* | |
| | | *For Dynamic Damper, Add* | *18.97* | |
| | | *For 3 Hour Rated, Add* | *10.54* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *8.78* | |
| 23 33 13 16-0014 | EA | 12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 86.92 | 16.68 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *8.30* | |
| | | *For Dynamic Damper, Add* | *19.92* | |
| | | *For 3 Hour Rated, Add* | *11.07* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *9.22* | |
| 23 33 13 16-0015 | EA | 14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 74.74 | 14.12 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *7.31* | |
| | | *For Dynamic Damper, Add* | *17.54* | |
| | | *For 3 Hour Rated, Add* | *9.75* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *8.12* | |
| 23 33 13 16-0016 | EA | 14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 79.60 | 14.79 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *7.90* | |
| | | *For Dynamic Damper, Add* | *18.97* | |
| | | *For 3 Hour Rated, Add* | *10.54* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *8.78* | |
| 23 33 13 16-0017 | EA | 14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 83.58 | 15.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *8.30* | |
| | | *For Dynamic Damper, Add* | *19.92* | |
| | | *For 3 Hour Rated, Add* | *11.07* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *9.22* | |
| 23 33 13 16-0018 | EA | 14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 88.68 | 16.68 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *8.70* | |
| | | *For Dynamic Damper, Add* | *20.87* | |
| | | *For 3 Hour Rated, Add* | *11.60* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *9.66* | |
| 23 33 13 16-0019 | EA | 14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 98.63 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *9.68* | |
| | | *For Dynamic Damper, Add* | *23.24* | |
| | | *For 3 Hour Rated, Add* | *12.91* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *10.76* | |
| 23 33 13 16-0020 | EA | 16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 79.60 | 14.79 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *7.90* | |
| | | *For Dynamic Damper, Add* | *18.97* | |
| | | *For 3 Hour Rated, Add* | *10.54* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *8.78* | |
| 23 33 13 16-0021 | EA | 16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 84.69 | 15.89 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *8.30* | |
| | | *For Dynamic Damper, Add* | *19.92* | |
| | | *For 3 Hour Rated, Add* | *11.07* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *9.22* | |
| 23 33 13 16-0022 | EA | 16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 90.90 | 17.45 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *8.70* | |
| | | *For Dynamic Damper, Add* | *20.87* | |
| | | *For 3 Hour Rated, Add* | *11.60* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *9.66* | |
| 23 33 13 16-0023 | EA | 16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 95.98 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *9.09* | |
| | | *For Dynamic Damper, Add* | *21.81* | |
| | | *For 3 Hour Rated, Add* | *12.12* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *10.10* | |
| 23 33 13 16-0024 | EA | 16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 105.95 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *10.08* | |
| | | *For Dynamic Damper, Add* | *24.19* | |
| | | *For 3 Hour Rated, Add* | *13.44* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *11.20* | |
| 23 33 13 16-0025 | EA | 16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 115.90 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.07* | |
| | | *For Dynamic Damper, Add* | *26.56* | |
| | | *For 3 Hour Rated, Add* | *14.76* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *12.30* | |
| 23 33 13 16-0026 | EA | 18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 83.58 | 15.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *8.30* | |
| | | *For Dynamic Damper, Add* | *19.92* | |
| | | *For 3 Hour Rated, Add* | *11.07* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *9.22* | |
| 23 33 13 16-0027 | EA | 18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 89.55 | 16.68 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *8.89* | |
| | | *For Dynamic Damper, Add* | *21.34* | |
| | | *For 3 Hour Rated, Add* | *11.86* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *9.88* | |
| 23 33 13 16-0028 | EA | 18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 97.76 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *9.49* | |
| | | *For Dynamic Damper, Add* | *22.77* | |
| | | *For 3 Hour Rated, Add* | *12.65* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *10.54* | |
| 23 33 13 16-0029 | EA | 18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 107.71 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *10.48* | |
| | | *For Dynamic Damper, Add* | *25.14* | |
| | | *For 3 Hour Rated, Add* | *13.97* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *11.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0030 | EA | 18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 116.77 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.26* | |
| | | *For Dynamic Damper, Add* | *27.03* | |
| | | *For 3 Hour Rated, Add* | *15.02* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *12.52* | |
| 23 33 13 16-0031 | EA | 18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 126.72 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *12.25* | |
| | | *For Dynamic Damper, Add* | *29.41* | |
| | | *For 3 Hour Rated, Add* | *16.34* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *13.62* | |
| 23 33 13 16-0032 | EA | 18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 134.91 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *12.85* | |
| | | *For Dynamic Damper, Add* | *30.83* | |
| | | *For 3 Hour Rated, Add* | *17.13* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *14.27* | |
| 23 33 13 16-0033 | EA | 20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 88.68 | 16.68 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *8.70* | |
| | | *For Dynamic Damper, Add* | *20.87* | |
| | | *For 3 Hour Rated, Add* | *11.60* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *9.66* | |
| 23 33 13 16-0034 | EA | 20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 97.74 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *9.48* | |
| | | *For Dynamic Damper, Add* | *22.76* | |
| | | *For 3 Hour Rated, Add* | *12.65* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *10.54* | |
| 23 33 13 16-0035 | EA | 20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 106.82 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *10.28* | |
| | | *For Dynamic Damper, Add* | *24.66* | |
| | | *For 3 Hour Rated, Add* | *13.70* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *11.42* | |
| 23 33 13 16-0036 | EA | 20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 119.42 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.86* | |
| | | *For Dynamic Damper, Add* | *28.46* | |
| | | *For 3 Hour Rated, Add* | *15.81* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *13.18* | |
| 23 33 13 16-0037 | EA | 20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 127.60 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *12.45* | |
| | | *For Dynamic Damper, Add* | *29.88* | |
| | | *For 3 Hour Rated, Add* | *16.60* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *13.84* | |
| 23 33 13 16-0038 | EA | 20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 135.80 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.05* | |
| | | *For Dynamic Damper, Add* | *31.31* | |
| | | *For 3 Hour Rated, Add* | *17.39* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *14.50* | |
| 23 33 13 16-0039 | EA | 20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 144.86 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.83* | |
| | | *For Dynamic Damper, Add* | *33.20* | |
| | | *For 3 Hour Rated, Add* | *18.44* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *15.37* | |
| 23 33 13 16-0040 | EA | 20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 153.93 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.62* | |
| | | *For Dynamic Damper, Add* | *35.09* | |
| | | *For 3 Hour Rated, Add* | *19.50* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *16.25* | |
| 23 33 13 16-0041 | EA | 24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 99.50 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *9.88* | |
| | | *For Dynamic Damper, Add* | *23.71* | |
| | | *For 3 Hour Rated, Add* | *13.17* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *10.98* | |
| 23 33 13 16-0042 | EA | 24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 110.34 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.07* | |
| | | *For Dynamic Damper, Add* | *26.56* | |
| | | *For 3 Hour Rated, Add* | *14.76* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *12.30* | |
| 23 33 13 16-0043 | EA | 24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 119.42 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.86* | |
| | | *For Dynamic Damper, Add* | *28.46* | |
| | | *For 3 Hour Rated, Add* | *15.81* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *13.18* | |
| 23 33 13 16-0044 | EA | 24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 130.24 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.05* | |
| | | *For Dynamic Damper, Add* | *31.31* | |
| | | *For 3 Hour Rated, Add* | *17.39* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *14.50* | |
| 23 33 13 16-0045 | EA | 24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 138.43 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.64* | |
| | | *For Dynamic Damper, Add* | *32.73* | |
| | | *For 3 Hour Rated, Add* | *18.18* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *15.15* | |
| 23 33 13 16-0046 | EA | 24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 146.62 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.23* | |
| | | *For Dynamic Damper, Add* | *34.15* | |
| | | *For 3 Hour Rated, Add* | *18.97* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *15.81* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0047 | EA | 24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 157.45 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *15.41* | |
| | | *For Dynamic Damper, Add* | *37.00* | |
| | | *For 3 Hour Rated, Add* | *20.55* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *17.13* | |
| 23 33 13 16-0048 | EA | 24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 173.82 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.60* | |
| | | *For Dynamic Damper, Add* | *39.84* | |
| | | *For 3 Hour Rated, Add* | *22.13* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.44* | |
| 23 33 13 16-0049 | EA | 24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 191.98 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.18* | |
| | | *For Dynamic Damper, Add* | *43.64* | |
| | | *For 3 Hour Rated, Add* | *24.24* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.20* | |
| 23 33 13 16-0050 | EA | 28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 110.34 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.07* | |
| | | *For Dynamic Damper, Add* | *26.56* | |
| | | *For 3 Hour Rated, Add* | *14.76* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *12.30* | |
| 23 33 13 16-0051 | EA | 28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 119.42 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.86* | |
| | | *For Dynamic Damper, Add* | *28.46* | |
| | | *For 3 Hour Rated, Add* | *15.81* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *13.18* | |
| 23 33 13 16-0052 | EA | 28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 130.24 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.05* | |
| | | *For Dynamic Damper, Add* | *31.31* | |
| | | *For 3 Hour Rated, Add* | *17.39* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *14.50* | |
| 23 33 13 16-0053 | EA | 28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 139.30 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.83* | |
| | | *For Dynamic Damper, Add* | *33.20* | |
| | | *For 3 Hour Rated, Add* | *18.44* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *15.37* | |
| 23 33 13 16-0054 | EA | 28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 149.26 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.82* | |
| | | *For Dynamic Damper, Add* | *35.58* | |
| | | *For 3 Hour Rated, Add* | *19.76* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *16.47* | |
| 23 33 13 16-0055 | EA | 28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 159.19 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *15.81* | |
| | | *For Dynamic Damper, Add* | *37.94* | |
| | | *For 3 Hour Rated, Add* | *21.08* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *17.56* | |
| 23 33 13 16-0056 | EA | 28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 175.58 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.99* | |
| | | *For Dynamic Damper, Add* | *40.79* | |
| | | *For 3 Hour Rated, Add* | *22.66* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.88* | |
| 23 33 13 16-0057 | EA | 28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 191.98 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.18* | |
| | | *For Dynamic Damper, Add* | *43.64* | |
| | | *For 3 Hour Rated, Add* | *24.24* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.20* | |
| 23 33 13 16-0058 | EA | 28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 208.07 | 38.91 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.55* | |
| | | *For Dynamic Damper, Add* | *49.32* | |
| | | *For 3 Hour Rated, Add* | *27.40* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *22.84* | |
| 23 33 13 16-0059 | EA | 28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 227.98 | 42.58 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.53* | |
| | | *For Dynamic Damper, Add* | *54.07* | |
| | | *For 3 Hour Rated, Add* | *30.04* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *25.03* | |
| 23 33 13 16-0060 | EA | 32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 124.69 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.05* | |
| | | *For Dynamic Damper, Add* | *31.31* | |
| | | *For 3 Hour Rated, Add* | *17.39* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *14.50* | |
| 23 33 13 16-0061 | EA | 32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 131.98 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.44* | |
| | | *For Dynamic Damper, Add* | *32.25* | |
| | | *For 3 Hour Rated, Add* | *17.92* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *14.93* | |
| 23 33 13 16-0062 | EA | 32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 139.30 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.83* | |
| | | *For Dynamic Damper, Add* | *33.20* | |
| | | *For 3 Hour Rated, Add* | *18.44* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *15.37* | |
| 23 33 13 16-0063 | EA | 32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 148.37 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.62* | |
| | | *For Dynamic Damper, Add* | *35.09* | |
| | | *For 3 Hour Rated, Add* | *19.50* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *16.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0064 | EA | 32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 159.53 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *15.88* | |
| | | *For Dynamic Damper, Add* | *38.12* | |
| | | *For 3 Hour Rated, Add* | *21.18* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *17.65* | |
| 23 33 13 16-0065 | EA | 32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 175.58 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.99* | |
| | | *For Dynamic Damper, Add* | *40.79* | |
| | | *For 3 Hour Rated, Add* | *22.66* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.88* | |
| 23 33 13 16-0066 | EA | 32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 193.74 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.58* | |
| | | *For Dynamic Damper, Add* | *44.59* | |
| | | *For 3 Hour Rated, Add* | *24.77* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.64* | |
| 23 33 13 16-0067 | EA | 32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 211.89 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.16* | |
| | | *For Dynamic Damper, Add* | *48.38* | |
| | | *For 3 Hour Rated, Add* | *26.88* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *22.40* | |
| 23 33 13 16-0068 | EA | 32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 227.98 | 42.58 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.53* | |
| | | *For Dynamic Damper, Add* | *54.07* | |
| | | *For 3 Hour Rated, Add* | *30.04* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *25.03* | |
| 23 33 13 16-0069 | EA | 32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 249.17 | 45.58 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *25.30* | |
| | | *For Dynamic Damper, Add* | *60.71* | |
| | | *For 3 Hour Rated, Add* | *33.73* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *28.11* | |
| 23 33 13 16-0070 | EA | 32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 271.02 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *28.46* | |
| | | *For Dynamic Damper, Add* | *68.30* | |
| | | *For 3 Hour Rated, Add* | *37.95* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *31.62* | |
| 23 33 13 16-0071 | EA | 36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 135.50 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.23* | |
| | | *For Dynamic Damper, Add* | *34.15* | |
| | | *For 3 Hour Rated, Add* | *18.97* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *15.81* | |
| 23 33 13 16-0072 | EA | 36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 144.57 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *15.02* | |
| | | *For Dynamic Damper, Add* | *36.05* | |
| | | *For 3 Hour Rated, Add* | *20.03* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *16.69* | |
| 23 33 13 16-0073 | EA | 36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 153.63 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *15.81* | |
| | | *For Dynamic Damper, Add* | *37.94* | |
| | | *For 3 Hour Rated, Add* | *21.08* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *17.56* | |
| 23 33 13 16-0074 | EA | 36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 164.47 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.99* | |
| | | *For Dynamic Damper, Add* | *40.79* | |
| | | *For 3 Hour Rated, Add* | *22.66* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.88* | |
| 23 33 13 16-0075 | EA | 36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 178.23 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *17.59* | |
| | | *For Dynamic Damper, Add* | *42.22* | |
| | | *For 3 Hour Rated, Add* | *23.45* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *19.55* | |
| 23 33 13 16-0076 | EA | 36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 186.42 | 35.13 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.18* | |
| | | *For Dynamic Damper, Add* | *43.64* | |
| | | *For 3 Hour Rated, Add* | *24.24* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.20* | |
| 23 33 13 16-0077 | EA | 36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 211.89 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.16* | |
| | | *For Dynamic Damper, Add* | *48.38* | |
| | | *For 3 Hour Rated, Add* | *26.88* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *22.40* | |
| 23 33 13 16-0078 | EA | 36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 231.78 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.13* | |
| | | *For Dynamic Damper, Add* | *53.12* | |
| | | *For 3 Hour Rated, Add* | *29.51* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *24.59* | |
| 23 33 13 16-0079 | EA | 36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 200.09 | 45.92 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.00* | |
| | | *For Dynamic Damper, Add* | *33.61* | |
| | | *For 3 Hour Rated, Add* | *18.67* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *15.56* | |
| 23 33 13 16-0080 | EA | 36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 270.83 | 49.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *27.67* | |
| | | *For Dynamic Damper, Add* | *66.40* | |
| | | *For 3 Hour Rated, Add* | *36.89* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *30.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0081 | EA | 36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 290.90 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *30.43* | |
| | | *For Dynamic Damper, Add* | *73.04* | |
| | | *For 3 Hour Rated, Add* | *40.58* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *33.82* | |
| 23 33 13 16-0082 | EA | 36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 310.51 | 53.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *33.59* | |
| | | *For Dynamic Damper, Add* | *80.63* | |
| | | *For 3 Hour Rated, Add* | *44.79* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *37.33* | |
| 23 33 13 16-0083 | EA | 40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 142.81 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.62* | |
| | | *For Dynamic Damper, Add* | *35.09* | |
| | | *For 3 Hour Rated, Add* | *19.50* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *16.25* | |
| 23 33 13 16-0084 | EA | 40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 155.39 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.20* | |
| | | *For Dynamic Damper, Add* | *38.89* | |
| | | *For 3 Hour Rated, Add* | *21.60* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.00* | |
| 23 33 13 16-0085 | EA | 40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 162.71 | 31.46 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.60* | |
| | | *For Dynamic Damper, Add* | *39.84* | |
| | | *For 3 Hour Rated, Add* | *22.13* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.44* | |
| 23 33 13 16-0086 | EA | 40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 170.02 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.99* | |
| | | *For Dynamic Damper, Add* | *40.79* | |
| | | *For 3 Hour Rated, Add* | *22.66* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.88* | |
| 23 33 13 16-0087 | EA | 40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 187.30 | 35.13 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.38* | |
| | | *For Dynamic Damper, Add* | *44.11* | |
| | | *For 3 Hour Rated, Add* | *24.51* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.42* | |
| 23 33 13 16-0088 | EA | 40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 199.01 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *19.76* | |
| | | *For Dynamic Damper, Add* | *47.43* | |
| | | *For 3 Hour Rated, Add* | *26.35* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *21.96* | |
| 23 33 13 16-0089 | EA | 40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 222.71 | 42.58 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.34* | |
| | | *For Dynamic Damper, Add* | *51.22* | |
| | | *For 3 Hour Rated, Add* | *28.46* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *23.72* | |
| 23 33 13 16-0090 | EA | 40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 240.86 | 46.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.93* | |
| | | *For Dynamic Damper, Add* | *55.02* | |
| | | *For 3 Hour Rated, Add* | *30.57* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *25.47* | |
| 23 33 13 16-0091 | EA | 40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 260.29 | 49.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *25.30* | |
| | | *For Dynamic Damper, Add* | *60.71* | |
| | | *For 3 Hour Rated, Add* | *33.73* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *28.11* | |
| 23 33 13 16-0092 | EA | 40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 287.39 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *29.64* | |
| | | *For Dynamic Damper, Add* | *71.15* | |
| | | *For 3 Hour Rated, Add* | *39.53* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *32.94* | |
| 23 33 13 16-0093 | EA | 40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 306.82 | 54.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *32.01* | |
| | | *For Dynamic Damper, Add* | *76.83* | |
| | | *For 3 Hour Rated, Add* | *42.68* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *35.57* | |
| 23 33 13 16-0094 | EA | 40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 330.59 | 56.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *36.36* | |
| | | *For Dynamic Damper, Add* | *87.27* | |
| | | *For 3 Hour Rated, Add* | *48.48* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *40.40* | |
| 23 33 13 16-0095 | EA | 40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 357.06 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *40.32* | |
| | | *For Dynamic Damper, Add* | *96.76* | |
| | | *For 3 Hour Rated, Add* | *53.75* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *44.80* | |
| 23 33 13 16-0096 | EA | 44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 151.89 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *15.41* | |
| | | *For Dynamic Damper, Add* | *37.00* | |
| | | *For 3 Hour Rated, Add* | *20.55* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *17.13* | |
| 23 33 13 16-0097 | EA | 44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 164.47 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.99* | |
| | | *For Dynamic Damper, Add* | *40.79* | |
| | | *For 3 Hour Rated, Add* | *22.66* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0098 | EA | 44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 175.30 | 31.46 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.18* | |
| | | *For Dynamic Damper, Add* | *43.64* | |
| | | *For 3 Hour Rated, Add* | *24.24* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.20* | |
| 23 33 13 16-0099 | EA | 44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 182.62 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.58* | |
| | | *For Dynamic Damper, Add* | *44.59* | |
| | | *For 3 Hour Rated, Add* | *24.77* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.64* | |
| 23 33 13 16-0100 | EA | 44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 195.21 | 35.13 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.16* | |
| | | *For Dynamic Damper, Add* | *48.38* | |
| | | *For 3 Hour Rated, Add* | *26.88* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *22.40* | |
| 23 33 13 16-0101 | EA | 44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 207.79 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.74* | |
| | | *For Dynamic Damper, Add* | *52.17* | |
| | | *For 3 Hour Rated, Add* | *28.99* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *24.16* | |
| 23 33 13 16-0102 | EA | 44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 238.82 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *23.72* | |
| | | *For Dynamic Damper, Add* | *56.92* | |
| | | *For 3 Hour Rated, Add* | *31.62* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *26.35* | |
| 23 33 13 16-0103 | EA | 44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 258.71 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *25.69* | |
| | | *For Dynamic Damper, Add* | *61.66* | |
| | | *For 3 Hour Rated, Add* | *34.25* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *28.55* | |
| 23 33 13 16-0104 | EA | 44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 287.39 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *29.64* | |
| | | *For Dynamic Damper, Add* | *71.15* | |
| | | *For 3 Hour Rated, Add* | *39.53* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *32.94* | |
| 23 33 13 16-0105 | EA | 44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 314.32 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *33.20* | |
| | | *For Dynamic Damper, Add* | *79.68* | |
| | | *For 3 Hour Rated, Add* | *44.27* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *36.89* | |
| 23 33 13 16-0106 | EA | 44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 343.00 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *37.15* | |
| | | *For Dynamic Damper, Add* | *89.16* | |
| | | *For 3 Hour Rated, Add* | *49.54* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *41.28* | |
| 23 33 13 16-0107 | EA | 44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 364.37 | 61.03 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *40.71* | |
| | | *For Dynamic Damper, Add* | *97.70* | |
| | | *For 3 Hour Rated, Add* | *54.28* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *45.23* | |
| 23 33 13 16-0108 | EA | 44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 385.74 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *44.27* | |
| | | *For Dynamic Damper, Add* | *106.24* | |
| | | *For 3 Hour Rated, Add* | *59.02* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *49.19* | |
| 23 33 13 16-0109 | EA | 44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 407.12 | 64.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.83* | |
| | | *For Dynamic Damper, Add* | *114.78* | |
| | | *For 3 Hour Rated, Add* | *63.77* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *53.14* | |
| 23 33 13 16-0110 | EA | 48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 162.71 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.60* | |
| | | *For Dynamic Damper, Add* | *39.84* | |
| | | *For 3 Hour Rated, Add* | *22.13* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *18.44* | |
| 23 33 13 16-0111 | EA | 48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 175.30 | 31.46 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.18* | |
| | | *For Dynamic Damper, Add* | *43.64* | |
| | | *For 3 Hour Rated, Add* | *24.24* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.20* | |
| 23 33 13 16-0112 | EA | 48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 182.62 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.58* | |
| | | *For Dynamic Damper, Add* | *44.59* | |
| | | *For 3 Hour Rated, Add* | *24.77* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.64* | |
| 23 33 13 16-0113 | EA | 48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 199.01 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *19.76* | |
| | | *For Dynamic Damper, Add* | *47.43* | |
| | | *For 3 Hour Rated, Add* | *26.35* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *21.96* | |
| 23 33 13 16-0114 | EA | 48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 217.15 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.34* | |
| | | *For Dynamic Damper, Add* | *51.22* | |
| | | *For 3 Hour Rated, Add* | *28.46* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *23.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0115 | EA | 48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 235.30 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.93* | |
| | | *For Dynamic Damper, Add* | *55.02* | |
| | | *For 3 Hour Rated, Add* | *30.57* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *25.47* | |
| 23 33 13 16-0116 | EA | 48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 256.96 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *25.30* | |
| | | *For Dynamic Damper, Add* | *60.71* | |
| | | *For 3 Hour Rated, Add* | *33.73* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *28.11* | |
| 23 33 13 16-0117 | EA | 48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 278.61 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *27.67* | |
| | | *For Dynamic Damper, Add* | *66.40* | |
| | | *For 3 Hour Rated, Add* | *36.89* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *30.74* | |
| 23 33 13 16-0118 | EA | 48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 305.54 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *31.23* | |
| | | *For Dynamic Damper, Add* | *74.94* | |
| | | *For 3 Hour Rated, Add* | *41.63* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *34.70* | |
| 23 33 13 16-0119 | EA | 48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 335.97 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *35.57* | |
| | | *For Dynamic Damper, Add* | *85.37* | |
| | | *For 3 Hour Rated, Add* | *47.43* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *39.52* | |
| 23 33 13 16-0120 | EA | 48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 357.36 | 61.03 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *39.13* | |
| | | *For Dynamic Damper, Add* | *93.92* | |
| | | *For 3 Hour Rated, Add* | *52.18* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *43.48* | |
| 23 33 13 16-0121 | EA | 48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 383.98 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *43.87* | |
| | | *For Dynamic Damper, Add* | *105.29* | |
| | | *For 3 Hour Rated, Add* | *58.49* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *48.75* | |
| 23 33 13 16-0122 | EA | 48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 410.92 | 66.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.43* | |
| | | *For Dynamic Damper, Add* | *113.83* | |
| | | *For 3 Hour Rated, Add* | *63.24* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *52.70* | |
| 23 33 13 16-0123 | EA | 48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 437.56 | 68.49 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.17* | |
| | | *For Dynamic Damper, Add* | *125.22* | |
| | | *For 3 Hour Rated, Add* | *69.56* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *57.97* | |
| 23 33 13 16-0124 | EA | 48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 468.27 | 74.04 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *55.33* | |
| | | *For Dynamic Damper, Add* | *132.80* | |
| | | *For 3 Hour Rated, Add* | *73.78* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *61.48* | |
| 23 33 13 16-0125 | EA | 52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 173.54 | 31.46 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *17.79* | |
| | | *For Dynamic Damper, Add* | *42.69* | |
| | | *For 3 Hour Rated, Add* | *23.72* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *19.76* | |
| 23 33 13 16-0126 | EA | 52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 186.13 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *19.37* | |
| | | *For Dynamic Damper, Add* | *46.48* | |
| | | *For 3 Hour Rated, Add* | *25.82* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *21.52* | |
| 23 33 13 16-0127 | EA | 52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 204.27 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.95* | |
| | | *For Dynamic Damper, Add* | *50.27* | |
| | | *For 3 Hour Rated, Add* | *27.93* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *23.28* | |
| 23 33 13 16-0128 | EA | 52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 217.15 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.34* | |
| | | *For Dynamic Damper, Add* | *51.22* | |
| | | *For 3 Hour Rated, Add* | *28.46* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *23.72* | |
| 23 33 13 16-0129 | EA | 52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 236.19 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *23.13* | |
| | | *For Dynamic Damper, Add* | *55.50* | |
| | | *For 3 Hour Rated, Add* | *30.83* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *25.70* | |
| 23 33 13 16-0130 | EA | 52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 255.20 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *24.90* | |
| | | *For Dynamic Damper, Add* | *59.76* | |
| | | *For 3 Hour Rated, Add* | *33.20* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *27.67* | |
| 23 33 13 16-0131 | EA | 52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 276.86 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *27.27* | |
| | | *For Dynamic Damper, Add* | *65.46* | |
| | | *For 3 Hour Rated, Add* | *36.37* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *30.31* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0132 | EA | 52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 298.51 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *29.64* | |
| | | *For Dynamic Damper, Add* | *71.15* | |
| | | *For 3 Hour Rated, Add* | *39.53* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *32.94* | |
| 23 33 13 16-0133 | EA | 52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 325.44 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *33.20* | |
| | | *For Dynamic Damper, Add* | *79.68* | |
| | | *For 3 Hour Rated, Add* | *44.27* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *36.89* | |
| 23 33 13 16-0134 | EA | 52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 357.64 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *37.94* | |
| | | *For Dynamic Damper, Add* | *91.07* | |
| | | *For 3 Hour Rated, Add* | *50.59* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *42.16* | |
| 23 33 13 16-0135 | EA | 52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 380.75 | 64.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *41.89* | |
| | | *For Dynamic Damper, Add* | *100.54* | |
| | | *For 3 Hour Rated, Add* | *55.86* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *46.55* | |
| 23 33 13 16-0136 | EA | 52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 409.16 | 66.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.03* | |
| | | *For Dynamic Damper, Add* | *112.88* | |
| | | *For 3 Hour Rated, Add* | *62.71* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *52.26* | |
| 23 33 13 16-0137 | EA | 52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 441.35 | 70.37 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *51.77* | |
| | | *For Dynamic Damper, Add* | *124.26* | |
| | | *For 3 Hour Rated, Add* | *69.03* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *57.53* | |
| 23 33 13 16-0138 | EA | 52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 468.27 | 74.04 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *55.33* | |
| | | *For Dynamic Damper, Add* | *132.80* | |
| | | *For 3 Hour Rated, Add* | *73.78* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *61.48* | |
| 23 33 13 16-0139 | EA | 52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 506.03 | 79.60 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *60.08* | |
| | | *For Dynamic Damper, Add* | *144.19* | |
| | | *For 3 Hour Rated, Add* | *80.10* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *66.75* | |
| 23 33 13 16-0140 | EA | 52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 534.72 | 83.27 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *64.03* | |
| | | *For Dynamic Damper, Add* | *153.67* | |
| | | *For 3 Hour Rated, Add* | *85.37* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *71.15* | |
| 23 33 13 16-0141 | EA | 56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 182.62 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *18.58* | |
| | | *For Dynamic Damper, Add* | *44.59* | |
| | | *For 3 Hour Rated, Add* | *24.77* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *20.64* | |
| 23 33 13 16-0142 | EA | 56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 202.51 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.55* | |
| | | *For Dynamic Damper, Add* | *49.32* | |
| | | *For 3 Hour Rated, Add* | *27.40* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *22.84* | |
| 23 33 13 16-0143 | EA | 56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 218.91 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.74* | |
| | | *For Dynamic Damper, Add* | *52.17* | |
| | | *For 3 Hour Rated, Add* | *28.99* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *24.16* | |
| 23 33 13 16-0144 | EA | 56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 231.78 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.13* | |
| | | *For Dynamic Damper, Add* | *53.12* | |
| | | *For 3 Hour Rated, Add* | *29.51* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *24.59* | |
| 23 33 13 16-0145 | EA | 56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 252.57 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *24.31* | |
| | | *For Dynamic Damper, Add* | *58.34* | |
| | | *For 3 Hour Rated, Add* | *32.41* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *27.01* | |
| 23 33 13 16-0146 | EA | 56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 273.34 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *26.48* | |
| | | *For Dynamic Damper, Add* | *63.56* | |
| | | *For 3 Hour Rated, Add* | *35.31* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *29.43* | |
| 23 33 13 16-0147 | EA | 56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 294.12 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *28.66* | |
| | | *For Dynamic Damper, Add* | *68.77* | |
| | | *For 3 Hour Rated, Add* | *38.21* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *31.84* | |
| 23 33 13 16-0148 | EA | 56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 314.90 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *30.83* | |
| | | *For Dynamic Damper, Add* | *73.99* | |
| | | *For 3 Hour Rated, Add* | *41.11* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *34.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0149 | EA | 56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 347.09 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *35.57* | |
| | | *For Dynamic Damper, Add* | *85.37* | |
| | | *For 3 Hour Rated, Add* | *47.43* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *39.52* | |
| 23 33 13 16-0150 | EA | 56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 373.74 | 64.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *40.32* | |
| | | *For Dynamic Damper, Add* | *96.76* | |
| | | *For 3 Hour Rated, Add* | *53.75* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *44.80* | |
| 23 33 13 16-0151 | EA | 56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 398.62 | 66.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *44.66* | |
| | | *For Dynamic Damper, Add* | *107.19* | |
| | | *For 3 Hour Rated, Add* | *59.55* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *49.63* | |
| 23 33 13 16-0152 | EA | 56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 434.34 | 70.37 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *50.20* | |
| | | *For Dynamic Damper, Add* | *120.47* | |
| | | *For 3 Hour Rated, Add* | *66.93* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *55.78* | |
| 23 33 13 16-0153 | EA | 56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 466.51 | 74.04 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *54.94* | |
| | | *For Dynamic Damper, Add* | *131.85* | |
| | | *For 3 Hour Rated, Add* | *73.25* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *61.04* | |
| 23 33 13 16-0154 | EA | 56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 500.47 | 77.71 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *60.08* | |
| | | *For Dynamic Damper, Add* | *144.19* | |
| | | *For 3 Hour Rated, Add* | *80.10* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *66.75* | |
| 23 33 13 16-0155 | EA | 56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 529.16 | 81.49 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *64.03* | |
| | | *For Dynamic Damper, Add* | *153.67* | |
| | | *For 3 Hour Rated, Add* | *85.37* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *71.15* | |
| 23 33 13 16-0156 | EA | 56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 563.11 | 85.16 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *69.17* | |
| | | *For Dynamic Damper, Add* | *166.00* | |
| | | *For 3 Hour Rated, Add* | *92.22* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *76.85* | |
| 23 33 13 16-0157 | EA | 56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 597.07 | 88.83 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *74.31* | |
| | | *For Dynamic Damper, Add* | *178.34* | |
| | | *For 3 Hour Rated, Add* | *99.08* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *82.56* | |
| 23 33 13 16-0158 | EA | 60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 199.01 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *19.76* | |
| | | *For Dynamic Damper, Add* | *47.43* | |
| | | *For 3 Hour Rated, Add* | *26.35* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *21.96* | |
| 23 33 13 16-0159 | EA | 60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 218.91 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.74* | |
| | | *For Dynamic Damper, Add* | *52.17* | |
| | | *For 3 Hour Rated, Add* | *28.99* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *24.16* | |
| 23 33 13 16-0160 | EA | 60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 233.54 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.53* | |
| | | *For Dynamic Damper, Add* | *54.07* | |
| | | *For 3 Hour Rated, Add* | *30.04* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *25.03* | |
| 23 33 13 16-0161 | EA | 60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 246.42 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.93* | |
| | | *For Dynamic Damper, Add* | *55.02* | |
| | | *For 3 Hour Rated, Add* | *30.57* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *25.47* | |
| 23 33 13 16-0162 | EA | 60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 268.07 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *25.30* | |
| | | *For Dynamic Damper, Add* | *60.71* | |
| | | *For 3 Hour Rated, Add* | *33.73* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *28.11* | |
| 23 33 13 16-0163 | EA | 60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 289.73 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *27.67* | |
| | | *For Dynamic Damper, Add* | *66.40* | |
| | | *For 3 Hour Rated, Add* | *36.89* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *30.74* | |
| 23 33 13 16-0164 | EA | 60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 312.26 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *30.24* | |
| | | *For Dynamic Damper, Add* | *72.57* | |
| | | *For 3 Hour Rated, Add* | *40.31* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *33.60* | |
| 23 33 13 16-0165 | EA | 60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 334.80 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *32.81* | |
| | | *For Dynamic Damper, Add* | *78.73* | |
| | | *For 3 Hour Rated, Add* | *43.74* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *36.45* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0166 | EA | 60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 363.20 | 64.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *37.94* | |
| | | *For Dynamic Damper, Add* | *91.07* | |
| | | *For 3 Hour Rated, Add* | *50.59* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *42.16* | |
| 23 33 13 16-0167 | EA | 60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 389.83 | 66.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *42.68* | |
| | | *For Dynamic Damper, Add* | *102.44* | |
| | | *For 3 Hour Rated, Add* | *56.91* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *47.43* | |
| 23 33 13 16-0168 | EA | 60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 423.80 | 70.37 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.83* | |
| | | *For Dynamic Damper, Add* | *114.78* | |
| | | *For 3 Hour Rated, Add* | *63.77* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *53.14* | |
| 23 33 13 16-0169 | EA | 60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 457.74 | 74.04 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.97* | |
| | | *For Dynamic Damper, Add* | *127.12* | |
| | | *For 3 Hour Rated, Add* | *70.62* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *58.85* | |
| 23 33 13 16-0170 | EA | 60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 486.42 | 77.71 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *56.92* | |
| | | *For Dynamic Damper, Add* | *136.60* | |
| | | *For 3 Hour Rated, Add* | *75.89* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *63.24* | |
| 23 33 13 16-0171 | EA | 60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 525.64 | 81.49 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *63.24* | |
| | | *For Dynamic Damper, Add* | *151.77* | |
| | | *For 3 Hour Rated, Add* | *84.32* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *70.27* | |
| 23 33 13 16-0172 | EA | 60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 561.35 | 85.16 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *68.77* | |
| | | *For Dynamic Damper, Add* | *165.05* | |
| | | *For 3 Hour Rated, Add* | *91.70* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *76.41* | |
| 23 33 13 16-0173 | EA | 60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 597.07 | 88.83 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *74.31* | |
| | | *For Dynamic Damper, Add* | *178.34* | |
| | | *For 3 Hour Rated, Add* | *99.08* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *82.56* | |
| 23 33 13 16-0174 | EA | 60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 629.25 | 92.61 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *79.04* | |
| | | *For Dynamic Damper, Add* | *189.71* | |
| | | *For 3 Hour Rated, Add* | *105.39* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *87.83* | |
| 23 33 13 16-0175 | EA | 60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 661.47 | 96.28 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *83.79* | |
| | | *For Dynamic Damper, Add* | *201.11* | |
| | | *For 3 Hour Rated, Add* | *111.73* | |
| | | *For Cap Of Damper Blades Outside Air Stream, Add* | *93.11* | |

### 23 33 13 16-0176 Parallel Blade Louver Fire Damper *(23 33 13 16)*

Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

| | | | | |
|---|---|---|---|---|
| 23 33 13 16-0177 | EA | 6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 87.92 | 12.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.45* | |
| | | *For Dynamic Damper, Add* | *27.49* | |
| | | *For 3 Hour Rated, Add* | *15.27* | |
| 23 33 13 16-0178 | EA | 8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 91.76 | 12.89 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *11.94* | |
| | | *For Dynamic Damper, Add* | *28.66* | |
| | | *For 3 Hour Rated, Add* | *15.92* | |
| 23 33 13 16-0179 | EA | 8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 94.19 | 13.00 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *12.44* | |
| | | *For Dynamic Damper, Add* | *29.85* | |
| | | *For 3 Hour Rated, Add* | *16.58* | |
| 23 33 13 16-0180 | EA | 10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 94.19 | 13.00 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *12.44* | |
| | | *For Dynamic Damper, Add* | *29.85* | |
| | | *For 3 Hour Rated, Add* | *16.58* | |
| 23 33 13 16-0181 | EA | 10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 97.51 | 13.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *12.93* | |
| | | *For Dynamic Damper, Add* | *31.04* | |
| | | *For 3 Hour Rated, Add* | *17.24* | |
| 23 33 13 16-0182 | EA | 10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 106.33 | 14.79 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.92* | |
| | | *For Dynamic Damper, Add* | *33.40* | |
| | | *For 3 Hour Rated, Add* | *18.56* | |
| 23 33 13 16-0183 | EA | 12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 97.51 | 13.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *12.93* | |
| | | *For Dynamic Damper, Add* | *31.04* | |
| | | *For 3 Hour Rated, Add* | *17.24* | |
| 23 33 13 16-0184 | EA | 12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 104.11 | 14.12 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.92* | |
| | | *For Dynamic Damper, Add* | *33.40* | |
| | | *For 3 Hour Rated, Add* | *18.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0185 | EA | 12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 108.53 | 14.79 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.41* | |
| | | *For Dynamic Damper, Add* | *34.59* | |
| | | *For 3 Hour Rated, Add* | *19.22* | |
| 23 33 13 16-0186 | EA | 12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 116.29 | 16.68 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.91* | |
| | | *For Dynamic Damper, Add* | *35.78* | |
| | | *For 3 Hour Rated, Add* | *19.88* | |
| 23 33 13 16-0187 | EA | 14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 103.02 | 14.12 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *13.67* | |
| | | *For Dynamic Damper, Add* | *32.82* | |
| | | *For 3 Hour Rated, Add* | *18.23* | |
| 23 33 13 16-0188 | EA | 14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 108.53 | 14.79 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.41* | |
| | | *For Dynamic Damper, Add* | *34.59* | |
| | | *For 3 Hour Rated, Add* | *19.22* | |
| 23 33 13 16-0189 | EA | 14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 112.95 | 15.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *14.91* | |
| | | *For Dynamic Damper, Add* | *35.78* | |
| | | *For 3 Hour Rated, Add* | *19.88* | |
| 23 33 13 16-0190 | EA | 14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 118.48 | 16.68 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *15.40* | |
| | | *For Dynamic Damper, Add* | *36.96* | |
| | | *For 3 Hour Rated, Add* | *20.54* | |
| 23 33 13 16-0191 | EA | 14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 129.54 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *16.64* | |
| | | *For Dynamic Damper, Add* | *39.93* | |
| | | *For 3 Hour Rated, Add* | *22.19* | |
| 23 33 13 16-0192 | EA | 16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 133.95 | 14.79 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.13* | |
| | | *For Dynamic Damper, Add* | *48.32* | |
| | | *For 3 Hour Rated, Add* | *26.84* | |
| 23 33 13 16-0193 | EA | 16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 139.74 | 15.89 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.69* | |
| | | *For Dynamic Damper, Add* | *49.65* | |
| | | *For 3 Hour Rated, Add* | *27.58* | |
| 23 33 13 16-0194 | EA | 16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 146.66 | 17.45 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.24* | |
| | | *For Dynamic Damper, Add* | *50.98* | |
| | | *For 3 Hour Rated, Add* | *28.32* | |
| 23 33 13 16-0195 | EA | 16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 152.44 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.79* | |
| | | *For Dynamic Damper, Add* | *52.30* | |
| | | *For 3 Hour Rated, Add* | *29.06* | |
| 23 33 13 16-0196 | EA | 16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 164.17 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *23.18* | |
| | | *For Dynamic Damper, Add* | *55.63* | |
| | | *For 3 Hour Rated, Add* | *30.91* | |
| 23 33 13 16-0197 | EA | 16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 175.88 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *24.56* | |
| | | *For Dynamic Damper, Add* | *58.95* | |
| | | *For 3 Hour Rated, Add* | *32.75* | |
| 23 33 13 16-0198 | EA | 18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 138.63 | 15.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *20.69* | |
| | | *For Dynamic Damper, Add* | *49.65* | |
| | | *For 3 Hour Rated, Add* | *27.58* | |
| 23 33 13 16-0199 | EA | 18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 145.66 | 16.68 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.52* | |
| | | *For Dynamic Damper, Add* | *51.64* | |
| | | *For 3 Hour Rated, Add* | *28.69* | |
| 23 33 13 16-0200 | EA | 18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 154.93 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.35* | |
| | | *For Dynamic Damper, Add* | *53.64* | |
| | | *For 3 Hour Rated, Add* | *29.80* | |
| 23 33 13 16-0201 | EA | 18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 166.63 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *23.73* | |
| | | *For Dynamic Damper, Add* | *56.96* | |
| | | *For 3 Hour Rated, Add* | *31.64* | |
| 23 33 13 16-0202 | EA | 18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 177.10 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *24.84* | |
| | | *For Dynamic Damper, Add* | *59.61* | |
| | | *For 3 Hour Rated, Add* | *33.12* | |
| 23 33 13 16-0203 | EA | 18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 188.80 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *26.22* | |
| | | *For Dynamic Damper, Add* | *62.93* | |
| | | *For 3 Hour Rated, Add* | *34.96* | |
| 23 33 13 16-0204 | EA | 18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 198.05 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *27.05* | |
| | | *For Dynamic Damper, Add* | *64.92* | |
| | | *For 3 Hour Rated, Add* | *36.07* | |
| 23 33 13 16-0205 | EA | 20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 144.44 | 16.68 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *21.24* | |
| | | *For Dynamic Damper, Add* | *50.98* | |
| | | *For 3 Hour Rated, Add* | *28.32* | |
| 23 33 13 16-0206 | EA | 20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 154.90 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *22.34* | |
| | | *For Dynamic Damper, Add* | *53.63* | |
| | | *For 3 Hour Rated, Add* | *29.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0207 | EA | 20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 165.39 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *23.45* | |
| | | *For Dynamic Damper, Add* | *56.29* | |
| | | *For 3 Hour Rated, Add* | *31.27* | |
| 23 33 13 16-0208 | EA | 20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 180.81 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *25.67* | |
| | | *For Dynamic Damper, Add* | *61.61* | |
| | | *For 3 Hour Rated, Add* | *34.23* | |
| 23 33 13 16-0209 | EA | 20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 190.04 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *26.50* | |
| | | *For Dynamic Damper, Add* | *63.60* | |
| | | *For 3 Hour Rated, Add* | *35.33* | |
| 23 33 13 16-0210 | EA | 20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 199.28 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *27.33* | |
| | | *For Dynamic Damper, Add* | *65.59* | |
| | | *For 3 Hour Rated, Add* | *36.44* | |
| 23 33 13 16-0211 | EA | 20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 209.76 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *28.44* | |
| | | *For Dynamic Damper, Add* | *68.25* | |
| | | *For 3 Hour Rated, Add* | *37.91* | |
| 23 33 13 16-0212 | EA | 20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 220.22 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *29.54* | |
| | | *For Dynamic Damper, Add* | *70.89* | |
| | | *For 3 Hour Rated, Add* | *39.38* | |
| 23 33 13 16-0213 | EA | 24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 177.52 | 18.56 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *27.43* | |
| | | *For Dynamic Damper, Add* | *65.84* | |
| | | *For 3 Hour Rated, Add* | *36.58* | |
| 23 33 13 16-0214 | EA | 24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 190.47 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *29.10* | |
| | | *For Dynamic Damper, Add* | *69.83* | |
| | | *For 3 Hour Rated, Add* | *38.80* | |
| 23 33 13 16-0215 | EA | 24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 200.96 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *30.21* | |
| | | *For Dynamic Damper, Add* | *72.50* | |
| | | *For 3 Hour Rated, Add* | *40.28* | |
| 23 33 13 16-0216 | EA | 24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 213.87 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *31.86* | |
| | | *For Dynamic Damper, Add* | *76.47* | |
| | | *For 3 Hour Rated, Add* | *42.48* | |
| 23 33 13 16-0217 | EA | 24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 223.12 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *32.69* | |
| | | *For Dynamic Damper, Add* | *78.46* | |
| | | *For 3 Hour Rated, Add* | *43.59* | |
| 23 33 13 16-0218 | EA | 24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 232.37 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *33.52* | |
| | | *For Dynamic Damper, Add* | *80.45* | |
| | | *For 3 Hour Rated, Add* | *44.70* | |
| 23 33 13 16-0219 | EA | 24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 245.30 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *35.18* | |
| | | *For Dynamic Damper, Add* | *84.43* | |
| | | *For 3 Hour Rated, Add* | *46.91* | |
| 23 33 13 16-0220 | EA | 24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 263.78 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *36.84* | |
| | | *For Dynamic Damper, Add* | *88.41* | |
| | | *For 3 Hour Rated, Add* | *49.12* | |
| 23 33 13 16-0221 | EA | 24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 284.75 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *39.06* | |
| | | *For Dynamic Damper, Add* | *93.73* | |
| | | *For 3 Hour Rated, Add* | *52.07* | |
| 23 33 13 16-0222 | EA | 28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 190.47 | 20.34 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *29.10* | |
| | | *For Dynamic Damper, Add* | *69.83* | |
| | | *For 3 Hour Rated, Add* | *38.80* | |
| 23 33 13 16-0223 | EA | 28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 200.96 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *30.21* | |
| | | *For Dynamic Damper, Add* | *72.50* | |
| | | *For 3 Hour Rated, Add* | *40.28* | |
| 23 33 13 16-0224 | EA | 28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 213.87 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *31.86* | |
| | | *For Dynamic Damper, Add* | *76.47* | |
| | | *For 3 Hour Rated, Add* | *42.48* | |
| 23 33 13 16-0225 | EA | 28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 224.35 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *32.97* | |
| | | *For Dynamic Damper, Add* | *79.13* | |
| | | *For 3 Hour Rated, Add* | *43.96* | |
| 23 33 13 16-0226 | EA | 28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 236.06 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *34.35* | |
| | | *For Dynamic Damper, Add* | *82.45* | |
| | | *For 3 Hour Rated, Add* | *45.80* | |
| 23 33 13 16-0227 | EA | 28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 247.74 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *35.73* | |
| | | *For Dynamic Damper, Add* | *85.75* | |
| | | *For 3 Hour Rated, Add* | *47.64* | |
| 23 33 13 16-0228 | EA | 28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 266.24 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *37.39* | |
| | | *For Dynamic Damper, Add* | *89.74* | |
| | | *For 3 Hour Rated, Add* | *49.86* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0229 | EA | 28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 284.75 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *39.06* | |
| | | *For Dynamic Damper, Add* | *93.73* | |
| | | *For 3 Hour Rated, Add* | *52.07* | |
| 23 33 13 16-0230 | EA | 28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 305.06 | 38.91 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *42.37* | |
| | | *For Dynamic Damper, Add* | *101.70* | |
| | | *For 3 Hour Rated, Add* | *56.50* | |
| 23 33 13 16-0231 | EA | 28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 328.49 | 42.58 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *45.14* | |
| | | *For Dynamic Damper, Add* | *108.35* | |
| | | *For 3 Hour Rated, Add* | *60.19* | |
| 23 33 13 16-0232 | EA | 32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 208.32 | 22.24 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *31.86* | |
| | | *For Dynamic Damper, Add* | *76.47* | |
| | | *For 3 Hour Rated, Add* | *42.48* | |
| 23 33 13 16-0233 | EA | 32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 216.32 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *32.41* | |
| | | *For Dynamic Damper, Add* | *77.79* | |
| | | *For 3 Hour Rated, Add* | *43.22* | |
| 23 33 13 16-0234 | EA | 32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 224.35 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *32.97* | |
| | | *For Dynamic Damper, Add* | *79.13* | |
| | | *For 3 Hour Rated, Add* | *43.96* | |
| 23 33 13 16-0235 | EA | 32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 234.81 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *34.07* | |
| | | *For Dynamic Damper, Add* | *81.77* | |
| | | *For 3 Hour Rated, Add* | *45.43* | |
| 23 33 13 16-0236 | EA | 32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 248.22 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *35.84* | |
| | | *For Dynamic Damper, Add* | *86.01* | |
| | | *For 3 Hour Rated, Add* | *47.78* | |
| 23 33 13 16-0237 | EA | 32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 266.24 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *37.39* | |
| | | *For Dynamic Damper, Add* | *89.74* | |
| | | *For 3 Hour Rated, Add* | *49.86* | |
| 23 33 13 16-0238 | EA | 32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 287.22 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *39.61* | |
| | | *For Dynamic Damper, Add* | *95.07* | |
| | | *For 3 Hour Rated, Add* | *52.82* | |
| 23 33 13 16-0239 | EA | 32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 308.18 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *41.83* | |
| | | *For Dynamic Damper, Add* | *100.38* | |
| | | *For 3 Hour Rated, Add* | *55.77* | |
| 23 33 13 16-0240 | EA | 32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 328.49 | 42.58 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *45.14* | |
| | | *For Dynamic Damper, Add* | *108.35* | |
| | | *For 3 Hour Rated, Add* | *60.19* | |
| 23 33 13 16-0241 | EA | 32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 354.60 | 45.58 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *49.02* | |
| | | *For Dynamic Damper, Add* | *117.64* | |
| | | *For 3 Hour Rated, Add* | *65.36* | |
| 23 33 13 16-0242 | EA | 32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 382.05 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *53.44* | |
| | | *For Dynamic Damper, Add* | *128.26* | |
| | | *For 3 Hour Rated, Add* | *71.26* | |
| 23 33 13 16-0243 | EA | 36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 233.90 | 24.01 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *36.37* | |
| | | *For Dynamic Damper, Add* | *87.29* | |
| | | *For 3 Hour Rated, Add* | *48.49* | |
| 23 33 13 16-0244 | EA | 36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 245.06 | 25.90 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *37.63* | |
| | | *For Dynamic Damper, Add* | *90.31* | |
| | | *For 3 Hour Rated, Add* | *50.17* | |
| 23 33 13 16-0245 | EA | 36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 256.24 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *38.89* | |
| | | *For Dynamic Damper, Add* | *93.34* | |
| | | *For 3 Hour Rated, Add* | *51.86* | |
| 23 33 13 16-0246 | EA | 36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 270.25 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *40.79* | |
| | | *For Dynamic Damper, Add* | *97.91* | |
| | | *For 3 Hour Rated, Add* | *54.39* | |
| 23 33 13 16-0247 | EA | 36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 285.59 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *41.75* | |
| | | *For Dynamic Damper, Add* | *100.19* | |
| | | *For 3 Hour Rated, Add* | *55.66* | |
| 23 33 13 16-0248 | EA | 36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 295.36 | 35.13 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *42.69* | |
| | | *For Dynamic Damper, Add* | *102.47* | |
| | | *For 3 Hour Rated, Add* | *56.93* | |
| 23 33 13 16-0249 | EA | 36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 326.10 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *45.86* | |
| | | *For Dynamic Damper, Add* | *110.06* | |
| | | *For 3 Hour Rated, Add* | *61.14* | |
| 23 33 13 16-0250 | EA | 36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 351.25 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *49.01* | |
| | | *For Dynamic Damper, Add* | *117.63* | |
| | | *For 3 Hour Rated, Add* | *65.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0251 | EA | 36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 372.56 | 45.92 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.81* | |
| | | *For Dynamic Damper, Add* | *126.74* | |
| | | *For 3 Hour Rated, Add* | *70.41* | |
| 23 33 13 16-0252 | EA | 36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 405.05 | 49.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *57.87* | |
| | | *For Dynamic Damper, Add* | *138.88* | |
| | | *For 3 Hour Rated, Add* | *77.16* | |
| 23 33 13 16-0253 | EA | 36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 432.49 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *62.29* | |
| | | *For Dynamic Damper, Add* | *149.50* | |
| | | *For 3 Hour Rated, Add* | *83.06* | |
| 23 33 13 16-0254 | EA | 36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 460.54 | 53.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *67.35* | |
| | | *For Dynamic Damper, Add* | *161.64* | |
| | | *For 3 Hour Rated, Add* | *89.80* | |
| 23 33 13 16-0255 | EA | 40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 262.40 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *41.53* | |
| | | *For Dynamic Damper, Add* | *99.67* | |
| | | *For 3 Hour Rated, Add* | *55.37* | |
| 23 33 13 16-0256 | EA | 40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 279.21 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *44.06* | |
| | | *For Dynamic Damper, Add* | *105.75* | |
| | | *For 3 Hour Rated, Add* | *58.75* | |
| 23 33 13 16-0257 | EA | 40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 287.57 | 31.46 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *44.69* | |
| | | *For Dynamic Damper, Add* | *107.26* | |
| | | *For 3 Hour Rated, Add* | *59.59* | |
| 23 33 13 16-0258 | EA | 40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 295.94 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *45.33* | |
| | | *For Dynamic Damper, Add* | *108.78* | |
| | | *For 3 Hour Rated, Add* | *60.44* | |
| 23 33 13 16-0259 | EA | 40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 316.91 | 35.13 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.54* | |
| | | *For Dynamic Damper, Add* | *114.10* | |
| | | *For 3 Hour Rated, Add* | *63.39* | |
| 23 33 13 16-0260 | EA | 40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 332.30 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *49.75* | |
| | | *For Dynamic Damper, Add* | *119.41* | |
| | | *For 3 Hour Rated, Add* | *66.34* | |
| 23 33 13 16-0261 | EA | 40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 360.23 | 42.58 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.29* | |
| | | *For Dynamic Damper, Add* | *125.49* | |
| | | *For 3 Hour Rated, Add* | *69.71* | |
| 23 33 13 16-0262 | EA | 40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 382.59 | 46.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *54.81* | |
| | | *For Dynamic Damper, Add* | *131.55* | |
| | | *For 3 Hour Rated, Add* | *73.09* | |
| 23 33 13 16-0263 | EA | 40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 408.35 | 49.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *58.61* | |
| | | *For Dynamic Damper, Add* | *140.66* | |
| | | *For 3 Hour Rated, Add* | *78.15* | |
| 23 33 13 16-0264 | EA | 40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 447.04 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *65.57* | |
| | | *For Dynamic Damper, Add* | *157.36* | |
| | | *For 3 Hour Rated, Add* | *87.42* | |
| 23 33 13 16-0265 | EA | 40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 472.79 | 54.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *69.36* | |
| | | *For Dynamic Damper, Add* | *166.46* | |
| | | *For 3 Hour Rated, Add* | *92.48* | |
| 23 33 13 16-0266 | EA | 40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 508.16 | 56.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *76.32* | |
| | | *For Dynamic Damper, Add* | *183.16* | |
| | | *For 3 Hour Rated, Add* | *101.75* | |
| 23 33 13 16-0267 | EA | 40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 545.17 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *82.64* | |
| | | *For Dynamic Damper, Add* | *198.34* | |
| | | *For 3 Hour Rated, Add* | *110.19* | |
| 23 33 13 16-0268 | EA | 44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 273.59 | 27.80 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *42.80* | |
| | | *For Dynamic Damper, Add* | *102.71* | |
| | | *For 3 Hour Rated, Add* | *57.06* | |
| 23 33 13 16-0269 | EA | 44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 290.39 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *45.33* | |
| | | *For Dynamic Damper, Add* | *108.78* | |
| | | *For 3 Hour Rated, Add* | *60.44* | |
| 23 33 13 16-0270 | EA | 44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 304.39 | 31.46 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.23* | |
| | | *For Dynamic Damper, Add* | *113.35* | |
| | | *For 3 Hour Rated, Add* | *62.97* | |
| 23 33 13 16-0271 | EA | 44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 312.76 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.86* | |
| | | *For Dynamic Damper, Add* | *114.86* | |
| | | *For 3 Hour Rated, Add* | *63.81* | |
| 23 33 13 16-0272 | EA | 44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 329.57 | 35.13 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *50.39* | |
| | | *For Dynamic Damper, Add* | *120.94* | |
| | | *For 3 Hour Rated, Add* | *67.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0273 | EA | 44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 346.37 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.92* | |
| | | *For Dynamic Damper, Add* | *127.01* | |
| | | *For 3 Hour Rated, Add* | *70.56* | |
| 23 33 13 16-0274 | EA | 44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 382.66 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *56.08* | |
| | | *For Dynamic Damper, Add* | *134.60* | |
| | | *For 3 Hour Rated, Add* | *74.78* | |
| 23 33 13 16-0275 | EA | 44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 407.82 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *59.24* | |
| | | *For Dynamic Damper, Add* | *142.18* | |
| | | *For 3 Hour Rated, Add* | *78.99* | |
| 23 33 13 16-0276 | EA | 44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 447.04 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *65.57* | |
| | | *For Dynamic Damper, Add* | *157.36* | |
| | | *For 3 Hour Rated, Add* | *87.42* | |
| 23 33 13 16-0277 | EA | 44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 483.46 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *71.26* | |
| | | *For Dynamic Damper, Add* | *171.02* | |
| | | *For 3 Hour Rated, Add* | *95.01* | |
| 23 33 13 16-0278 | EA | 44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 522.66 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *77.58* | |
| | | *For Dynamic Damper, Add* | *186.18* | |
| | | *For 3 Hour Rated, Add* | *103.43* | |
| 23 33 13 16-0279 | EA | 44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 553.52 | 61.03 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *83.27* | |
| | | *For Dynamic Damper, Add* | *199.84* | |
| | | *For 3 Hour Rated, Add* | *111.02* | |
| 23 33 13 16-0280 | EA | 44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 584.39 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *88.96* | |
| | | *For Dynamic Damper, Add* | *213.51* | |
| | | *For 3 Hour Rated, Add* | *118.62* | |
| 23 33 13 16-0281 | EA | 44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 615.25 | 64.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *94.66* | |
| | | *For Dynamic Damper, Add* | *227.17* | |
| | | *For 3 Hour Rated, Add* | *126.21* | |
| 23 33 13 16-0282 | EA | 48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 287.57 | 29.57 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *44.69* | |
| | | *For Dynamic Damper, Add* | *107.26* | |
| | | *For 3 Hour Rated, Add* | *59.59* | |
| 23 33 13 16-0283 | EA | 48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 304.39 | 31.46 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.23* | |
| | | *For Dynamic Damper, Add* | *113.35* | |
| | | *For 3 Hour Rated, Add* | *62.97* | |
| 23 33 13 16-0284 | EA | 48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 312.76 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.86* | |
| | | *For Dynamic Damper, Add* | *114.86* | |
| | | *For 3 Hour Rated, Add* | *63.81* | |
| 23 33 13 16-0285 | EA | 48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 332.30 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *49.75* | |
| | | *For Dynamic Damper, Add* | *119.41* | |
| | | *For 3 Hour Rated, Add* | *66.34* | |
| 23 33 13 16-0286 | EA | 48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 354.67 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.29* | |
| | | *For Dynamic Damper, Add* | *125.49* | |
| | | *For 3 Hour Rated, Add* | *69.71* | |
| 23 33 13 16-0287 | EA | 48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 377.03 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *54.81* | |
| | | *For Dynamic Damper, Add* | *131.55* | |
| | | *For 3 Hour Rated, Add* | *73.09* | |
| 23 33 13 16-0288 | EA | 48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 405.02 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *58.61* | |
| | | *For Dynamic Damper, Add* | *140.66* | |
| | | *For 3 Hour Rated, Add* | *78.15* | |
| 23 33 13 16-0289 | EA | 48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 432.98 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *62.40* | |
| | | *For Dynamic Damper, Add* | *149.76* | |
| | | *For 3 Hour Rated, Add* | *83.20* | |
| 23 33 13 16-0290 | EA | 48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 469.41 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *68.10* | |
| | | *For Dynamic Damper, Add* | *163.43* | |
| | | *For 3 Hour Rated, Add* | *90.80* | |
| 23 33 13 16-0291 | EA | 48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 511.42 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *75.05* | |
| | | *For Dynamic Damper, Add* | *180.11* | |
| | | *For 3 Hour Rated, Add* | *100.06* | |
| 23 33 13 16-0292 | EA | 48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 542.30 | 61.03 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *80.74* | |
| | | *For Dynamic Damper, Add* | *193.78* | |
| | | *For 3 Hour Rated, Add* | *107.66* | |
| 23 33 13 16-0293 | EA | 48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 581.57 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *88.33* | |
| | | *For Dynamic Damper, Add* | *211.99* | |
| | | *For 3 Hour Rated, Add* | *117.77* | |
| 23 33 13 16-0294 | EA | 48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 618.01 | 66.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *94.03* | |
| | | *For Dynamic Damper, Add* | *225.66* | |
| | | *For 3 Hour Rated, Add* | *125.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0295 | EA | 48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 657.28 | 68.49 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *101.61* | |
| | | *For Dynamic Damper, Add* | *243.86* | |
| | | *For 3 Hour Rated, Add* | *135.48* | |
| 23 33 13 16-0296 | EA | 48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 696.43 | 74.04 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *106.67* | |
| | | *For Dynamic Damper, Add* | *256.01* | |
| | | *For 3 Hour Rated, Add* | *142.23* | |
| 23 33 13 16-0297 | EA | 52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 301.57 | 31.46 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *46.59* | |
| | | *For Dynamic Damper, Add* | *111.82* | |
| | | *For 3 Hour Rated, Add* | *62.12* | |
| 23 33 13 16-0298 | EA | 52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 318.38 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *49.12* | |
| | | *For Dynamic Damper, Add* | *117.90* | |
| | | *For 3 Hour Rated, Add* | *65.50* | |
| 23 33 13 16-0299 | EA | 52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 340.74 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *51.65* | |
| | | *For Dynamic Damper, Add* | *123.97* | |
| | | *For 3 Hour Rated, Add* | *68.87* | |
| 23 33 13 16-0300 | EA | 52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 354.67 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.29* | |
| | | *For Dynamic Damper, Add* | *125.49* | |
| | | *For 3 Hour Rated, Add* | *69.71* | |
| 23 33 13 16-0301 | EA | 52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 378.45 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *55.13* | |
| | | *For Dynamic Damper, Add* | *132.32* | |
| | | *For 3 Hour Rated, Add* | *73.51* | |
| 23 33 13 16-0302 | EA | 52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 402.20 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *57.98* | |
| | | *For Dynamic Damper, Add* | *139.14* | |
| | | *For 3 Hour Rated, Add* | *77.30* | |
| 23 33 13 16-0303 | EA | 52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 430.18 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *61.77* | |
| | | *For Dynamic Damper, Add* | *148.25* | |
| | | *For 3 Hour Rated, Add* | *82.36* | |
| 23 33 13 16-0304 | EA | 52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 458.16 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *65.57* | |
| | | *For Dynamic Damper, Add* | *157.36* | |
| | | *For 3 Hour Rated, Add* | *87.42* | |
| 23 33 13 16-0305 | EA | 52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 494.58 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *71.26* | |
| | | *For Dynamic Damper, Add* | *171.02* | |
| | | *For 3 Hour Rated, Add* | *95.01* | |
| 23 33 13 16-0306 | EA | 52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 539.41 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *78.84* | |
| | | *For Dynamic Damper, Add* | *189.22* | |
| | | *For 3 Hour Rated, Add* | *105.12* | |
| 23 33 13 16-0307 | EA | 52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 573.08 | 64.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *85.17* | |
| | | *For Dynamic Damper, Add* | *204.40* | |
| | | *For 3 Hour Rated, Add* | *113.56* | |
| 23 33 13 16-0308 | EA | 52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 615.19 | 66.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *93.39* | |
| | | *For Dynamic Damper, Add* | *224.14* | |
| | | *For 3 Hour Rated, Add* | *124.52* | |
| 23 33 13 16-0309 | EA | 52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 660.01 | 70.37 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *100.97* | |
| | | *For Dynamic Damper, Add* | *242.34* | |
| | | *For 3 Hour Rated, Add* | *134.63* | |
| 23 33 13 16-0310 | EA | 52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 696.43 | 74.04 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *106.67* | |
| | | *For Dynamic Damper, Add* | *256.01* | |
| | | *For 3 Hour Rated, Add* | *142.23* | |
| 23 33 13 16-0311 | EA | 52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 746.83 | 79.60 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *114.26* | |
| | | *For Dynamic Damper, Add* | *274.22* | |
| | | *For 3 Hour Rated, Add* | *152.34* | |
| 23 33 13 16-0312 | EA | 52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 786.06 | 83.27 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *120.58* | |
| | | *For Dynamic Damper, Add* | *289.40* | |
| | | *For 3 Hour Rated, Add* | *160.78* | |
| 23 33 13 16-0313 | EA | 56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 312.76 | 33.35 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *47.86* | |
| | | *For Dynamic Damper, Add* | *114.86* | |
| | | *For 3 Hour Rated, Add* | *63.81* | |
| 23 33 13 16-0314 | EA | 56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 337.92 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *51.02* | |
| | | *For Dynamic Damper, Add* | *122.45* | |
| | | *For 3 Hour Rated, Add* | *68.03* | |
| 23 33 13 16-0315 | EA | 56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 357.49 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.92* | |
| | | *For Dynamic Damper, Add* | *127.01* | |
| | | *For 3 Hour Rated, Add* | *70.56* | |
| 23 33 13 16-0316 | EA | 56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 371.40 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *53.55* | |
| | | *For Dynamic Damper, Add* | *128.51* | |
| | | *For 3 Hour Rated, Add* | *71.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0317 | EA | 56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 398.00 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *57.03* | |
| | | *For Dynamic Damper, Add* | *136.87* | |
| | | *For 3 Hour Rated, Add* | *76.04* | |
| 23 33 13 16-0318 | EA | 56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 424.56 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *60.51* | |
| | | *For Dynamic Damper, Add* | *145.22* | |
| | | *For 3 Hour Rated, Add* | *80.68* | |
| 23 33 13 16-0319 | EA | 56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 451.14 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *63.99* | |
| | | *For Dynamic Damper, Add* | *153.57* | |
| | | *For 3 Hour Rated, Add* | *85.31* | |
| 23 33 13 16-0320 | EA | 56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 477.70 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *67.46* | |
| | | *For Dynamic Damper, Add* | *161.90* | |
| | | *For 3 Hour Rated, Add* | *89.95* | |
| 23 33 13 16-0321 | EA | 56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 522.54 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *75.05* | |
| | | *For Dynamic Damper, Add* | *180.11* | |
| | | *For 3 Hour Rated, Add* | *100.06* | |
| 23 33 13 16-0322 | EA | 56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 561.85 | 64.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *82.64* | |
| | | *For Dynamic Damper, Add* | *198.34* | |
| | | *For 3 Hour Rated, Add* | *110.19* | |
| 23 33 13 16-0323 | EA | 56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 598.31 | 66.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *89.59* | |
| | | *For Dynamic Damper, Add* | *215.02* | |
| | | *For 3 Hour Rated, Add* | *119.46* | |
| 23 33 13 16-0324 | EA | 56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 648.79 | 70.37 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *98.45* | |
| | | *For Dynamic Damper, Add* | *236.28* | |
| | | *For 3 Hour Rated, Add* | *131.27* | |
| 23 33 13 16-0325 | EA | 56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 693.61 | 74.04 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *106.04* | |
| | | *For Dynamic Damper, Add* | *254.49* | |
| | | *For 3 Hour Rated, Add* | *141.38* | |
| 23 33 13 16-0326 | EA | 56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 741.27 | 77.71 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *114.26* | |
| | | *For Dynamic Damper, Add* | *274.22* | |
| | | *For 3 Hour Rated, Add* | *152.34* | |
| 23 33 13 16-0327 | EA | 56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 780.50 | 81.49 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *120.58* | |
| | | *For Dynamic Damper, Add* | *289.40* | |
| | | *For 3 Hour Rated, Add* | *160.78* | |
| 23 33 13 16-0328 | EA | 56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 828.16 | 85.16 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *128.80* | |
| | | *For Dynamic Damper, Add* | *309.13* | |
| | | *For 3 Hour Rated, Add* | *171.74* | |
| 23 33 13 16-0329 | EA | 56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 875.82 | 88.83 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *137.03* | |
| | | *For Dynamic Damper, Add* | *328.86* | |
| | | *For 3 Hour Rated, Add* | *182.70* | |
| 23 33 13 16-0330 | EA | 60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 332.30 | 37.02 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *49.75* | |
| | | *For Dynamic Damper, Add* | *119.41* | |
| | | *For 3 Hour Rated, Add* | *66.34* | |
| 23 33 13 16-0331 | EA | 60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 357.49 | 40.69 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *52.92* | |
| | | *For Dynamic Damper, Add* | *127.01* | |
| | | *For 3 Hour Rated, Add* | *70.56* | |
| 23 33 13 16-0332 | EA | 60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 374.21 | 44.47 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *54.18* | |
| | | *For Dynamic Damper, Add* | *130.03* | |
| | | *For 3 Hour Rated, Add* | *72.24* | |
| 23 33 13 16-0333 | EA | 60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 388.15 | 48.14 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *54.81* | |
| | | *For Dynamic Damper, Add* | *131.55* | |
| | | *For 3 Hour Rated, Add* | *73.09* | |
| 23 33 13 16-0334 | EA | 60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 416.13 | 51.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *58.61* | |
| | | *For Dynamic Damper, Add* | *140.66* | |
| | | *For 3 Hour Rated, Add* | *78.15* | |
| 23 33 13 16-0335 | EA | 60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 444.10 | 55.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *62.40* | |
| | | *For Dynamic Damper, Add* | *149.76* | |
| | | *For 3 Hour Rated, Add* | *83.20* | |
| 23 33 13 16-0336 | EA | 60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 473.49 | 59.25 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *66.51* | |
| | | *For Dynamic Damper, Add* | *159.63* | |
| | | *For 3 Hour Rated, Add* | *88.68* | |
| 23 33 13 16-0337 | EA | 60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 502.88 | 62.93 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *70.62* | |
| | | *For Dynamic Damper, Add* | *169.50* | |
| | | *For 3 Hour Rated, Add* | *94.16* | |
| 23 33 13 16-0338 | EA | 60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 544.97 | 64.81 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *78.84* | |
| | | *For Dynamic Damper, Add* | *189.22* | |
| | | *For 3 Hour Rated, Add* | *105.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 16-0339 | EA | 60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 584.26 | 66.59 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *86.43* | |
| | | *For Dynamic Damper, Add* | *207.44* | |
| | | *For 3 Hour Rated, Add* | *115.24* | |
| 23 33 13 16-0340 | EA | 60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 631.93 | 70.37 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *94.66* | |
| | | *For Dynamic Damper, Add* | *227.17* | |
| | | *For 3 Hour Rated, Add* | *126.21* | |
| 23 33 13 16-0341 | EA | 60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 679.57 | 74.04 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *102.88* | |
| | | *For Dynamic Damper, Add* | *246.90* | |
| | | *For 3 Hour Rated, Add* | *137.17* | |
| 23 33 13 16-0342 | EA | 60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 718.79 | 77.71 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *109.20* | |
| | | *For Dynamic Damper, Add* | *262.08* | |
| | | *For 3 Hour Rated, Add* | *145.60* | |
| 23 33 13 16-0343 | EA | 60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 774.87 | 81.49 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *119.32* | |
| | | *For Dynamic Damper, Add* | *286.36* | |
| | | *For 3 Hour Rated, Add* | *159.09* | |
| 23 33 13 16-0344 | EA | 60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 825.34 | 85.16 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *128.17* | |
| | | *For Dynamic Damper, Add* | *307.61* | |
| | | *For 3 Hour Rated, Add* | *170.89* | |
| 23 33 13 16-0345 | EA | 60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 875.82 | 88.83 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *137.03* | |
| | | *For Dynamic Damper, Add* | *328.86* | |
| | | *For 3 Hour Rated, Add* | *182.70* | |
| 23 33 13 16-0346 | EA | 60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 920.64 | 92.61 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *144.61* | |
| | | *For Dynamic Damper, Add* | *347.06* | |
| | | *For 3 Hour Rated, Add* | *192.81* | |
| 23 33 13 16-0347 | EA | 60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 965.51 | 96.28 |
| | | *For Spring Activated Horizontal Mount Operation, Add* | *152.20* | |
| | | *For Dynamic Damper, Add* | *365.29* | |
| | | *For 3 Hour Rated, Add* | *202.94* | |

### 23 33 13 16-0348 Round 2 Hour Fire Damper *(23 33 13 16)*

| | | | | |
|---|---|---|---|---|
| 23 33 13 16-0349 | EA | 4" Round 2 Hour Fire Damper | 74.25 | 22.24 |
| 23 33 13 16-0350 | EA | 5" Round 2 Hour Fire Damper | 76.38 | 22.24 |
| 23 33 13 16-0351 | EA | 6" Round 2 Hour Fire Damper | 88.84 | 25.24 |
| 23 33 13 16-0352 | EA | 7" Round 2 Hour Fire Damper | 91.15 | 25.24 |
| 23 33 13 16-0353 | EA | 8" Round 2 Hour Fire Damper | 106.65 | 27.80 |
| 23 33 13 16-0354 | EA | 9" Round 2 Hour Fire Damper | 113.03 | 27.80 |
| 23 33 13 16-0355 | EA | 10" Round 2 Hour Fire Damper | 125.60 | 30.91 |
| 23 33 13 16-0356 | EA | 12" Round 2 Hour Fire Damper | 141.15 | 34.80 |
| 23 33 13 16-0357 | EA | 14" Round 2 Hour Fire Damper | 160.66 | 39.69 |

### 23 33 13 16-0358 Round 4 Hour Fire Damper *(23 33 13 16)*

| | | | | |
|---|---|---|---|---|
| 23 33 13 16-0359 | EA | 4" Round 4 Hour Fire Damper | 83.88 | 25.24 |
| 23 33 13 16-0360 | EA | 5" Round 4 Hour Fire Damper | 89.69 | 25.24 |
| 23 33 13 16-0361 | EA | 6" Round 4 Hour Fire Damper | 100.64 | 27.80 |
| 23 33 13 16-0362 | EA | 7" Round 4 Hour Fire Damper | 108.14 | 27.80 |
| 23 33 13 16-0363 | EA | 8" Round 4 Hour Fire Damper | 121.82 | 30.91 |
| 23 33 13 16-0364 | EA | 9" Round 4 Hour Fire Damper | 126.39 | 30.91 |
| 23 33 13 16-0365 | EA | 10" Round 4 Hour Fire Damper | 141.29 | 34.80 |
| 23 33 13 16-0366 | EA | 12" Round 4 Hour Fire Damper | 157.75 | 39.69 |
| 23 33 13 16-0367 | EA | 14" Round 4 Hour Fire Damper | 184.04 | 46.36 |

## 23 33 13 19 Smoke-Control Dampers *(23 33 13)*

### 23 33 13 19-0001 Combination Smoke/Fire Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

| | | | | |
|---|---|---|---|---|
| 23 33 13 19-0002 | EA | 6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 510.13 | 18.51 |
| | | *For Dynamic Damper, Add* | *245.48* | |
| | | *For 3 Hour Rated, Add* | *136.38* | |
| 23 33 13 19-0003 | EA | 8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 523.71 | 19.35 |
| | | *For Dynamic Damper, Add* | *251.47* | |
| | | *For 3 Hour Rated, Add* | *139.70* | |
| 23 33 13 19-0004 | EA | 8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 535.29 | 19.51 |
| | | *For Dynamic Damper, Add* | *257.54* | |
| | | *For 3 Hour Rated, Add* | *143.08* | |
| 23 33 13 19-0005 | EA | 10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 604.37 | 19.51 |
| | | *For Dynamic Damper, Add* | *294.84* | |
| | | *For 3 Hour Rated, Add* | *163.80* | |
| 23 33 13 19-0006 | EA | 10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 618.82 | 20.01 |
| | | *For Dynamic Damper, Add* | *301.74* | |
| | | *For 3 Hour Rated, Add* | *167.63* | |
| 23 33 13 19-0007 | EA | 10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 651.15 | 22.18 |
| | | *For Dynamic Damper, Add* | *315.60* | |
| | | *For 3 Hour Rated, Add* | *175.33* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0008 | EA | 12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 618.82 | 20.01 |
| | | *For Dynamic Damper, Add* | *301.74* | |
| | | *For 3 Hour Rated, Add* | *167.63* | |
| 23 33 13 19-0009 | EA | 12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 647.81 | 21.18 |
| | | *For Dynamic Damper, Add* | *315.60* | |
| | | *For 3 Hour Rated, Add* | *175.33* | |
| 23 33 13 19-0010 | EA | 12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 663.93 | 22.18 |
| | | *For Dynamic Damper, Add* | *322.50* | |
| | | *For 3 Hour Rated, Add* | *179.17* | |
| 23 33 13 19-0011 | EA | 12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 685.13 | 25.02 |
| | | *For Dynamic Damper, Add* | *329.45* | |
| | | *For 3 Hour Rated, Add* | *183.03* | |
| 23 33 13 19-0012 | EA | 14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 641.41 | 21.18 |
| | | *For Dynamic Damper, Add* | *312.14* | |
| | | *For 3 Hour Rated, Add* | *173.41* | |
| 23 33 13 19-0013 | EA | 14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 663.93 | 22.18 |
| | | *For Dynamic Damper, Add* | *322.50* | |
| | | *For 3 Hour Rated, Add* | *179.17* | |
| 23 33 13 19-0014 | EA | 14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 680.13 | 23.35 |
| | | *For Dynamic Damper, Add* | *329.45* | |
| | | *For 3 Hour Rated, Add* | *183.03* | |
| 23 33 13 19-0015 | EA | 14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 698.00 | 25.02 |
| | | *For Dynamic Damper, Add* | *336.40* | |
| | | *For 3 Hour Rated, Add* | *186.89* | |
| 23 33 13 19-0016 | EA | 14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 738.39 | 27.85 |
| | | *For Dynamic Damper, Add* | *353.71* | |
| | | *For 3 Hour Rated, Add* | *196.50* | |
| 23 33 13 19-0017 | EA | 16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 647.32 | 22.18 |
| | | *For Dynamic Damper, Add* | *313.53* | |
| | | *For 3 Hour Rated, Add* | *174.18* | |
| 23 33 13 19-0018 | EA | 16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 659.33 | 23.85 |
| | | *For Dynamic Damper, Add* | *317.31* | |
| | | *For 3 Hour Rated, Add* | *176.29* | |
| 23 33 13 19-0019 | EA | 16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 673.01 | 26.19 |
| | | *For Dynamic Damper, Add* | *321.10* | |
| | | *For 3 Hour Rated, Add* | *178.39* | |
| 23 33 13 19-0020 | EA | 16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 684.93 | 27.85 |
| | | *For Dynamic Damper, Add* | *324.84* | |
| | | *For 3 Hour Rated, Add* | *180.47* | |
| 23 33 13 19-0021 | EA | 16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 710.77 | 30.52 |
| | | *For Dynamic Damper, Add* | *334.29* | |
| | | *For 3 Hour Rated, Add* | *185.72* | |
| 23 33 13 19-0022 | EA | 16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 736.56 | 33.35 |
| | | *For Dynamic Damper, Add* | *343.72* | |
| | | *For 3 Hour Rated, Add* | *190.95* | |
| 23 33 13 19-0023 | EA | 18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 657.66 | 23.35 |
| | | *For Dynamic Damper, Add* | *317.31* | |
| | | *For 3 Hour Rated, Add* | *176.29* | |
| 23 33 13 19-0024 | EA | 18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 673.11 | 25.02 |
| | | *For Dynamic Damper, Add* | *322.96* | |
| | | *For 3 Hour Rated, Add* | *179.42* | |
| 23 33 13 19-0025 | EA | 18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 691.99 | 27.85 |
| | | *For Dynamic Damper, Add* | *328.65* | |
| | | *For 3 Hour Rated, Add* | *182.58* | |
| 23 33 13 19-0026 | EA | 18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 717.78 | 30.52 |
| | | *For Dynamic Damper, Add* | *338.07* | |
| | | *For 3 Hour Rated, Add* | *187.82* | |
| 23 33 13 19-0027 | EA | 18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 740.04 | 33.35 |
| | | *For Dynamic Damper, Add* | *345.59* | |
| | | *For 3 Hour Rated, Add* | *192.00* | |
| 23 33 13 19-0028 | EA | 18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 765.83 | 36.02 |
| | | *For Dynamic Damper, Add* | *355.02* | |
| | | *For 3 Hour Rated, Add* | *197.23* | |
| 23 33 13 19-0029 | EA | 18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 784.66 | 38.86 |
| | | *For Dynamic Damper, Add* | *360.68* | |
| | | *For 3 Hour Rated, Add* | *200.38* | |
| 23 33 13 19-0030 | EA | 20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 669.67 | 25.02 |
| | | *For Dynamic Damper, Add* | *321.10* | |
| | | *For 3 Hour Rated, Add* | *178.39* | |
| 23 33 13 19-0031 | EA | 20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 691.94 | 27.85 |
| | | *For Dynamic Damper, Add* | *328.62* | |
| | | *For 3 Hour Rated, Add* | *182.57* | |
| 23 33 13 19-0032 | EA | 20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 714.25 | 30.52 |
| | | *For Dynamic Damper, Add* | *336.17* | |
| | | *For 3 Hour Rated, Add* | *186.76* | |
| 23 33 13 19-0033 | EA | 20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 750.58 | 33.35 |
| | | *For Dynamic Damper, Add* | *351.29* | |
| | | *For 3 Hour Rated, Add* | *195.16* | |
| 23 33 13 19-0034 | EA | 20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 769.36 | 36.02 |
| | | *For Dynamic Damper, Add* | *356.92* | |
| | | *For 3 Hour Rated, Add* | *198.29* | |
| 23 33 13 19-0035 | EA | 20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 788.15 | 38.86 |
| | | *For Dynamic Damper, Add* | *362.57* | |
| | | *For 3 Hour Rated, Add* | *201.43* | |
| 23 33 13 19-0036 | EA | 20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 810.46 | 41.69 |
| | | *For Dynamic Damper, Add* | *370.11* | |
| | | *For 3 Hour Rated, Add* | *205.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0037 | EA | 20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 832.73 | 44.36 |
| | | *For Dynamic Damper, Add* | *377.63* | |
| | | *For 3 Hour Rated, Add* | *209.80* | |
| 23 33 13 19-0038 | EA | 24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 685.49 | 27.85 |
| | | *For Dynamic Damper, Add* | *325.14* | |
| | | *For 3 Hour Rated, Add* | *180.63* | |
| 23 33 13 19-0039 | EA | 24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 707.96 | 30.52 |
| | | *For Dynamic Damper, Add* | *332.77* | |
| | | *For 3 Hour Rated, Add* | *184.87* | |
| 23 33 13 19-0040 | EA | 24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 725.74 | 33.35 |
| | | *For Dynamic Damper, Add* | *337.87* | |
| | | *For 3 Hour Rated, Add* | *187.71* | |
| 23 33 13 19-0041 | EA | 24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 748.15 | 36.02 |
| | | *For Dynamic Damper, Add* | *345.47* | |
| | | *For 3 Hour Rated, Add* | *191.93* | |
| 23 33 13 19-0042 | EA | 24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 763.55 | 38.86 |
| | | *For Dynamic Damper, Add* | *349.28* | |
| | | *For 3 Hour Rated, Add* | *194.05* | |
| 23 33 13 19-0043 | EA | 24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 778.93 | 41.69 |
| | | *For Dynamic Damper, Add* | *353.08* | |
| | | *For 3 Hour Rated, Add* | *196.16* | |
| 23 33 13 19-0044 | EA | 24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 801.37 | 44.36 |
| | | *For Dynamic Damper, Add* | *360.70* | |
| | | *For 3 Hour Rated, Add* | *200.39* | |
| 23 33 13 19-0045 | EA | 24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 832.15 | 50.03 |
| | | *For Dynamic Damper, Add* | *368.31* | |
| | | *For 3 Hour Rated, Add* | *204.62* | |
| 23 33 13 19-0046 | EA | 24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 867.64 | 55.54 |
| | | *For Dynamic Damper, Add* | *378.48* | |
| | | *For 3 Hour Rated, Add* | *210.26* | |
| 23 33 13 19-0047 | EA | 28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 707.96 | 30.52 |
| | | *For Dynamic Damper, Add* | *332.77* | |
| | | *For 3 Hour Rated, Add* | *184.87* | |
| 23 33 13 19-0048 | EA | 28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 725.74 | 33.35 |
| | | *For Dynamic Damper, Add* | *337.87* | |
| | | *For 3 Hour Rated, Add* | *187.71* | |
| 23 33 13 19-0049 | EA | 28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 748.15 | 36.02 |
| | | *For Dynamic Damper, Add* | *345.47* | |
| | | *For 3 Hour Rated, Add* | *191.93* | |
| 23 33 13 19-0050 | EA | 28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 765.90 | 38.86 |
| | | *For Dynamic Damper, Add* | *350.55* | |
| | | *For 3 Hour Rated, Add* | *194.75* | |
| 23 33 13 19-0051 | EA | 28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 785.99 | 41.69 |
| | | *For Dynamic Damper, Add* | *356.90* | |
| | | *For 3 Hour Rated, Add* | *198.28* | |
| 23 33 13 19-0052 | EA | 28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 806.05 | 44.36 |
| | | *For Dynamic Damper, Add* | *363.23* | |
| | | *For 3 Hour Rated, Add* | *201.79* | |
| 23 33 13 19-0053 | EA | 28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 836.83 | 50.03 |
| | | *For Dynamic Damper, Add* | *370.84* | |
| | | *For 3 Hour Rated, Add* | *206.02* | |
| 23 33 13 19-0054 | EA | 28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 867.64 | 55.54 |
| | | *For Dynamic Damper, Add* | *378.48* | |
| | | *For 3 Hour Rated, Add* | *210.26* | |
| 23 33 13 19-0055 | EA | 28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 904.18 | 58.37 |
| | | *For Dynamic Damper, Add* | *393.70* | |
| | | *For 3 Hour Rated, Add* | *218.72* | |
| 23 33 13 19-0056 | EA | 28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 944.37 | 63.87 |
| | | *For Dynamic Damper, Add* | *406.40* | |
| | | *For 3 Hour Rated, Add* | *225.78* | |
| 23 33 13 19-0057 | EA | 32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 739.81 | 33.35 |
| | | *For Dynamic Damper, Add* | *345.47* | |
| | | *For 3 Hour Rated, Add* | *191.93* | |
| 23 33 13 19-0058 | EA | 32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 752.83 | 36.02 |
| | | *For Dynamic Damper, Add* | *348.00* | |
| | | *For 3 Hour Rated, Add* | *193.33* | |
| 23 33 13 19-0059 | EA | 32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 765.90 | 38.86 |
| | | *For Dynamic Damper, Add* | *350.55* | |
| | | *For 3 Hour Rated, Add* | *194.75* | |
| 23 33 13 19-0060 | EA | 32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 783.61 | 41.69 |
| | | *For Dynamic Damper, Add* | *355.61* | |
| | | *For 3 Hour Rated, Add* | *197.56* | |
| 23 33 13 19-0061 | EA | 32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 806.93 | 44.36 |
| | | *For Dynamic Damper, Add* | *363.70* | |
| | | *For 3 Hour Rated, Add* | *202.06* | |
| 23 33 13 19-0062 | EA | 32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 836.83 | 50.03 |
| | | *For Dynamic Damper, Add* | *370.84* | |
| | | *For 3 Hour Rated, Add* | *206.02* | |
| 23 33 13 19-0063 | EA | 32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 872.36 | 55.54 |
| | | *For Dynamic Damper, Add* | *381.02* | |
| | | *For 3 Hour Rated, Add* | *211.68* | |
| 23 33 13 19-0064 | EA | 32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 907.86 | 61.03 |
| | | *For Dynamic Damper, Add* | *391.19* | |
| | | *For 3 Hour Rated, Add* | *217.33* | |
| 23 33 13 19-0065 | EA | 32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 944.37 | 63.87 |
| | | *For Dynamic Damper, Add* | *406.40* | |
| | | *For 3 Hour Rated, Add* | *225.78* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0066 | EA | 32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 990.65 | 68.37 |
| | | *For Dynamic Damper, Add* | *424.19* | |
| | | *For 3 Hour Rated, Add* | *235.66* | |
| 23 33 13 19-0067 | EA | 32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,039.90 | 72.20 |
| | | *For Dynamic Damper, Add* | *444.48* | |
| | | *For 3 Hour Rated, Add* | *246.94* | |
| 23 33 13 19-0068 | EA | 36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 776.97 | 36.02 |
| | | *For Dynamic Damper, Add* | *361.03* | |
| | | *For 3 Hour Rated, Add* | *200.57* | |
| 23 33 13 19-0069 | EA | 36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 795.50 | 38.86 |
| | | *For Dynamic Damper, Add* | *366.54* | |
| | | *For 3 Hour Rated, Add* | *203.63* | |
| 23 33 13 19-0070 | EA | 36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 814.07 | 41.69 |
| | | *For Dynamic Damper, Add* | *372.06* | |
| | | *For 3 Hour Rated, Add* | *206.70* | |
| 23 33 13 19-0071 | EA | 36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 837.76 | 44.36 |
| | | *For Dynamic Damper, Add* | *380.35* | |
| | | *For 3 Hour Rated, Add* | *211.31* | |
| 23 33 13 19-0072 | EA | 36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 862.13 | 50.03 |
| | | *For Dynamic Damper, Add* | *384.50* | |
| | | *For 3 Hour Rated, Add* | *213.61* | |
| 23 33 13 19-0073 | EA | 36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 878.12 | 52.70 |
| | | *For Dynamic Damper, Add* | *388.64* | |
| | | *For 3 Hour Rated, Add* | *215.91* | |
| 23 33 13 19-0074 | EA | 36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 928.71 | 61.03 |
| | | *For Dynamic Damper, Add* | *402.45* | |
| | | *For 3 Hour Rated, Add* | *223.58* | |
| 23 33 13 19-0075 | EA | 36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 970.90 | 66.71 |
| | | *For Dynamic Damper, Add* | *416.22* | |
| | | *For 3 Hour Rated, Add* | *231.23* | |
| 23 33 13 19-0076 | EA | 36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,008.23 | 68.87 |
| | | *For Dynamic Damper, Add* | *432.78* | |
| | | *For 3 Hour Rated, Add* | *240.44* | |
| 23 33 13 19-0077 | EA | 36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,064.14 | 73.88 |
| | | *For Dynamic Damper, Add* | *454.87* | |
| | | *For 3 Hour Rated, Add* | *252.71* | |
| 23 33 13 19-0078 | EA | 36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,111.54 | 77.71 |
| | | *For Dynamic Damper, Add* | *474.16* | |
| | | *For 3 Hour Rated, Add* | *263.42* | |
| 23 33 13 19-0079 | EA | 36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,160.77 | 80.54 |
| | | *For Dynamic Damper, Add* | *496.24* | |
| | | *For 3 Hour Rated, Add* | *275.69* | |
| 23 33 13 19-0080 | EA | 40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,251.83 | 41.69 |
| | | *For Dynamic Damper, Add* | *612.95* | |
| | | *For 3 Hour Rated, Add* | *340.53* | |
| 23 33 13 19-0081 | EA | 40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,287.57 | 44.36 |
| | | *For Dynamic Damper, Add* | *627.75* | |
| | | *For 3 Hour Rated, Add* | *348.75* | |
| 23 33 13 19-0082 | EA | 40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,302.79 | 47.20 |
| | | *For Dynamic Damper, Add* | *631.47* | |
| | | *For 3 Hour Rated, Add* | *350.81* | |
| 23 33 13 19-0083 | EA | 40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,318.01 | 50.03 |
| | | *For Dynamic Damper, Add* | *635.18* | |
| | | *For 3 Hour Rated, Add* | *352.88* | |
| 23 33 13 19-0084 | EA | 40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,358.69 | 52.70 |
| | | *For Dynamic Damper, Add* | *648.15* | |
| | | *For 3 Hour Rated, Add* | *360.08* | |
| 23 33 13 19-0085 | EA | 40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,391.08 | 55.54 |
| | | *For Dynamic Damper, Add* | *661.13* | |
| | | *For 3 Hour Rated, Add* | *367.30* | |
| 23 33 13 19-0086 | EA | 40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,443.54 | 63.87 |
| | | *For Dynamic Damper, Add* | *675.95* | |
| | | *For 3 Hour Rated, Add* | *375.53* | |
| 23 33 13 19-0087 | EA | 40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,487.63 | 69.37 |
| | | *For Dynamic Damper, Add* | *690.75* | |
| | | *For 3 Hour Rated, Add* | *383.75* | |
| 23 33 13 19-0088 | EA | 40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,542.17 | 73.88 |
| | | *For Dynamic Damper, Add* | *713.01* | |
| | | *For 3 Hour Rated, Add* | *396.11* | |
| 23 33 13 19-0089 | EA | 40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,629.25 | 77.71 |
| | | *For Dynamic Damper, Add* | *753.73* | |
| | | *For 3 Hour Rated, Add* | *418.74* | |
| 23 33 13 19-0090 | EA | 40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,683.73 | 82.22 |
| | | *For Dynamic Damper, Add* | *775.94* | |
| | | *For 3 Hour Rated, Add* | *431.08* | |
| 23 33 13 19-0091 | EA | 40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,765.89 | 84.38 |
| | | *For Dynamic Damper, Add* | *816.70* | |
| | | *For 3 Hour Rated, Add* | *453.72* | |
| 23 33 13 19-0092 | EA | 40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,847.85 | 88.88 |
| | | *For Dynamic Damper, Add* | *853.76* | |
| | | *For 3 Hour Rated, Add* | *474.31* | |
| 23 33 13 19-0093 | EA | 44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,273.89 | 41.69 |
| | | *For Dynamic Damper, Add* | *620.36* | |
| | | *For 3 Hour Rated, Add* | *344.65* | |
| 23 33 13 19-0094 | EA | 44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,309.67 | 44.36 |
| | | *For Dynamic Damper, Add* | *635.18* | |
| | | *For 3 Hour Rated, Add* | *352.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0095 | EA | 44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,338.62 | 47.20 |
| | | *For Dynamic Damper, Add* | *646.31* | |
| | | *For 3 Hour Rated, Add* | *359.06* | |
| 23 33 13 19-0096 | EA | 44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,353.84 | 50.03 |
| | | *For Dynamic Damper, Add* | *650.03* | |
| | | *For 3 Hour Rated, Add* | *361.13* | |
| 23 33 13 19-0097 | EA | 44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,389.62 | 52.70 |
| | | *For Dynamic Damper, Add* | *664.85* | |
| | | *For 3 Hour Rated, Add* | *369.36* | |
| 23 33 13 19-0098 | EA | 44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,425.36 | 55.54 |
| | | *For Dynamic Damper, Add* | *679.64* | |
| | | *For 3 Hour Rated, Add* | *377.58* | |
| 23 33 13 19-0099 | EA | 44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,493.05 | 66.71 |
| | | *For Dynamic Damper, Add* | *698.18* | |
| | | *For 3 Hour Rated, Add* | *387.88* | |
| 23 33 13 19-0100 | EA | 44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,543.95 | 72.20 |
| | | *For Dynamic Damper, Add* | *716.67* | |
| | | *For 3 Hour Rated, Add* | *398.15* | |
| 23 33 13 19-0101 | EA | 44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,629.25 | 77.71 |
| | | *For Dynamic Damper, Add* | *753.73* | |
| | | *For 3 Hour Rated, Add* | *418.74* | |
| 23 33 13 19-0102 | EA | 44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,707.66 | 83.38 |
| | | *For Dynamic Damper, Add* | *787.06* | |
| | | *For 3 Hour Rated, Add* | *437.26* | |
| 23 33 13 19-0103 | EA | 44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,792.91 | 88.88 |
| | | *For Dynamic Damper, Add* | *824.09* | |
| | | *For 3 Hour Rated, Add* | *457.83* | |
| 23 33 13 19-0104 | EA | 44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,862.99 | 91.55 |
| | | *For Dynamic Damper, Add* | *857.43* | |
| | | *For 3 Hour Rated, Add* | *476.35* | |
| 23 33 13 19-0105 | EA | 44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,933.09 | 94.38 |
| | | *For Dynamic Damper, Add* | *890.78* | |
| | | *For 3 Hour Rated, Add* | *494.88* | |
| 23 33 13 19-0106 | EA | 44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,003.20 | 97.22 |
| | | *For Dynamic Damper, Add* | *924.14* | |
| | | *For 3 Hour Rated, Add* | *513.41* | |
| 23 33 13 19-0107 | EA | 48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,302.79 | 44.36 |
| | | *For Dynamic Damper, Add* | *631.47* | |
| | | *For 3 Hour Rated, Add* | *350.81* | |
| 23 33 13 19-0108 | EA | 48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,338.62 | 47.20 |
| | | *For Dynamic Damper, Add* | *646.31* | |
| | | *For 3 Hour Rated, Add* | *359.06* | |
| 23 33 13 19-0109 | EA | 48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,353.84 | 50.03 |
| | | *For Dynamic Damper, Add* | *650.03* | |
| | | *For 3 Hour Rated, Add* | *361.13* | |
| 23 33 13 19-0110 | EA | 48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,391.08 | 55.54 |
| | | *For Dynamic Damper, Add* | *661.13* | |
| | | *For 3 Hour Rated, Add* | *367.30* | |
| 23 33 13 19-0111 | EA | 48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,435.20 | 61.03 |
| | | *For Dynamic Damper, Add* | *675.95* | |
| | | *For 3 Hour Rated, Add* | *375.53* | |
| 23 33 13 19-0112 | EA | 48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,479.29 | 66.71 |
| | | *For Dynamic Damper, Add* | *690.75* | |
| | | *For 3 Hour Rated, Add* | *383.75* | |
| 23 33 13 19-0113 | EA | 48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,537.16 | 72.20 |
| | | *For Dynamic Damper, Add* | *713.01* | |
| | | *For 3 Hour Rated, Add* | *396.11* | |
| 23 33 13 19-0114 | EA | 48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,594.96 | 77.71 |
| | | *For Dynamic Damper, Add* | *735.21* | |
| | | *For 3 Hour Rated, Add* | *408.45* | |
| 23 33 13 19-0115 | EA | 48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,673.37 | 83.38 |
| | | *For Dynamic Damper, Add* | *768.54* | |
| | | *For 3 Hour Rated, Add* | *426.97* | |
| 23 33 13 19-0116 | EA | 48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,765.47 | 88.88 |
| | | *For Dynamic Damper, Add* | *809.27* | |
| | | *For 3 Hour Rated, Add* | *449.60* | |
| 23 33 13 19-0117 | EA | 48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,835.62 | 91.55 |
| | | *For Dynamic Damper, Add* | *842.65* | |
| | | *For 3 Hour Rated, Add* | *468.14* | |
| 23 33 13 19-0118 | EA | 48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,926.21 | 94.38 |
| | | *For Dynamic Damper, Add* | *887.07* | |
| | | *For 3 Hour Rated, Add* | *492.82* | |
| 23 33 13 19-0119 | EA | 48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,004.66 | 99.89 |
| | | *For Dynamic Damper, Add* | *920.42* | |
| | | *For 3 Hour Rated, Add* | *511.35* | |
| 23 33 13 19-0120 | EA | 48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,095.34 | 102.72 |
| | | *For Dynamic Damper, Add* | *964.89* | |
| | | *For 3 Hour Rated, Add* | *536.05* | |
| 23 33 13 19-0121 | EA | 48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,175.21 | 111.06 |
| | | *For Dynamic Damper, Add* | *994.51* | |
| | | *For 3 Hour Rated, Add* | *552.50* | |
| 23 33 13 19-0122 | EA | 52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,331.74 | 47.20 |
| | | *For Dynamic Damper, Add* | *642.59* | |
| | | *For 3 Hour Rated, Add* | *357.00* | |
| 23 33 13 19-0123 | EA | 52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,367.52 | 50.03 |
| | | *For Dynamic Damper, Add* | *657.41* | |
| | | *For 3 Hour Rated, Add* | *365.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0124 | EA | 52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,411.64 | 55.54 |
| | | *For Dynamic Damper, Add* | *672.24* | |
| | | *For 3 Hour Rated, Add* | *373.46* | |
| 23 33 13 19-0125 | EA | 52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,435.20 | 61.03 |
| | | *For Dynamic Damper, Add* | *675.95* | |
| | | *For 3 Hour Rated, Add* | *375.53* | |
| 23 33 13 19-0126 | EA | 52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,482.77 | 66.71 |
| | | *For Dynamic Damper, Add* | *692.63* | |
| | | *For 3 Hour Rated, Add* | *384.80* | |
| 23 33 13 19-0127 | EA | 52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,530.27 | 72.20 |
| | | *For Dynamic Damper, Add* | *709.28* | |
| | | *For 3 Hour Rated, Add* | *394.05* | |
| 23 33 13 19-0128 | EA | 52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,588.12 | 77.71 |
| | | *For Dynamic Damper, Add* | *731.52* | |
| | | *For 3 Hour Rated, Add* | *406.40* | |
| 23 33 13 19-0129 | EA | 52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,645.93 | 83.38 |
| | | *For Dynamic Damper, Add* | *753.73* | |
| | | *For 3 Hour Rated, Add* | *418.74* | |
| 23 33 13 19-0130 | EA | 52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,724.34 | 88.88 |
| | | *For Dynamic Damper, Add* | *787.06* | |
| | | *For 3 Hour Rated, Add* | *437.26* | |
| 23 33 13 19-0131 | EA | 52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,823.35 | 94.38 |
| | | *For Dynamic Damper, Add* | *831.52* | |
| | | *For 3 Hour Rated, Add* | *461.96* | |
| 23 33 13 19-0132 | EA | 52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,900.22 | 97.22 |
| | | *For Dynamic Damper, Add* | *868.53* | |
| | | *For 3 Hour Rated, Add* | *482.52* | |
| 23 33 13 19-0133 | EA | 52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,997.82 | 99.89 |
| | | *For Dynamic Damper, Add* | *916.73* | |
| | | *For 3 Hour Rated, Add* | *509.30* | |
| 23 33 13 19-0134 | EA | 52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,096.75 | 105.56 |
| | | *For Dynamic Damper, Add* | *961.15* | |
| | | *For 3 Hour Rated, Add* | *533.97* | |
| 23 33 13 19-0135 | EA | 52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,175.21 | 111.06 |
| | | *For Dynamic Damper, Add* | *994.51* | |
| | | *For 3 Hour Rated, Add* | *552.50* | |
| 23 33 13 19-0136 | EA | 52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,282.50 | 119.40 |
| | | *For Dynamic Damper, Add* | *1,038.94* | |
| | | *For 3 Hour Rated, Add* | *577.19* | |
| 23 33 13 19-0137 | EA | 52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,367.80 | 124.90 |
| | | *For Dynamic Damper, Add* | *1,076.00* | |
| | | *For 3 Hour Rated, Add* | *597.78* | |
| 23 33 13 19-0138 | EA | 56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,353.84 | 50.03 |
| | | *For Dynamic Damper, Add* | *650.03* | |
| | | *For 3 Hour Rated, Add* | *361.13* | |
| 23 33 13 19-0139 | EA | 56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,404.76 | 55.54 |
| | | *For Dynamic Damper, Add* | *668.52* | |
| | | *For 3 Hour Rated, Add* | *371.40* | |
| 23 33 13 19-0140 | EA | 56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,442.04 | 61.03 |
| | | *For Dynamic Damper, Add* | *679.64* | |
| | | *For 3 Hour Rated, Add* | *377.58* | |
| 23 33 13 19-0141 | EA | 56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,465.56 | 66.71 |
| | | *For Dynamic Damper, Add* | *683.34* | |
| | | *For 3 Hour Rated, Add* | *379.63* | |
| 23 33 13 19-0142 | EA | 56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,519.99 | 72.20 |
| | | *For Dynamic Damper, Add* | *703.73* | |
| | | *For 3 Hour Rated, Add* | *390.96* | |
| 23 33 13 19-0143 | EA | 56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,574.40 | 77.71 |
| | | *For Dynamic Damper, Add* | *724.11* | |
| | | *For 3 Hour Rated, Add* | *402.28* | |
| 23 33 13 19-0144 | EA | 56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,628.77 | 83.38 |
| | | *For Dynamic Damper, Add* | *744.46* | |
| | | *For 3 Hour Rated, Add* | *413.59* | |
| 23 33 13 19-0145 | EA | 56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,683.17 | 88.88 |
| | | *For Dynamic Damper, Add* | *764.83* | |
| | | *For 3 Hour Rated, Add* | *424.91* | |
| 23 33 13 19-0146 | EA | 56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,782.14 | 94.38 |
| | | *For Dynamic Damper, Add* | *809.27* | |
| | | *For 3 Hour Rated, Add* | *449.60* | |
| 23 33 13 19-0147 | EA | 56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,872.86 | 97.22 |
| | | *For Dynamic Damper, Add* | *853.76* | |
| | | *For 3 Hour Rated, Add* | *474.31* | |
| 23 33 13 19-0148 | EA | 56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,956.61 | 99.89 |
| | | *For Dynamic Damper, Add* | *894.48* | |
| | | *For 3 Hour Rated, Add* | *496.93* | |
| 23 33 13 19-0149 | EA | 56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,069.35 | 105.56 |
| | | *For Dynamic Damper, Add* | *946.35* | |
| | | *For 3 Hour Rated, Add* | *525.75* | |
| 23 33 13 19-0150 | EA | 56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,168.33 | 111.06 |
| | | *For Dynamic Damper, Add* | *990.79* | |
| | | *For 3 Hour Rated, Add* | *550.44* | |
| 23 33 13 19-0151 | EA | 56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,274.17 | 116.57 |
| | | *For Dynamic Damper, Add* | *1,038.94* | |
| | | *For 3 Hour Rated, Add* | *577.19* | |
| 23 33 13 19-0152 | EA | 56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,359.46 | 122.23 |
| | | *For Dynamic Damper, Add* | *1,076.00* | |
| | | *For 3 Hour Rated, Add* | *597.78* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0153 | EA | 56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,465.32 | 127.74 |
| | | *For Dynamic Damper, Add* | *1,124.16* | |
| | | *For 3 Hour Rated, Add* | *624.53* | |
| 23 33 13 19-0154 | EA | 56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,571.17 | 133.24 |
| | | *For Dynamic Damper, Add* | *1,172.31* | |
| | | *For 3 Hour Rated, Add* | *651.28* | |
| 23 33 13 19-0155 | EA | 60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,391.08 | 55.54 |
| | | *For Dynamic Damper, Add* | *661.13* | |
| | | *For 3 Hour Rated, Add* | *367.30* | |
| 23 33 13 19-0156 | EA | 60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,442.04 | 61.03 |
| | | *For Dynamic Damper, Add* | *679.64* | |
| | | *For 3 Hour Rated, Add* | *377.58* | |
| 23 33 13 19-0157 | EA | 60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,472.45 | 66.71 |
| | | *For Dynamic Damper, Add* | *687.06* | |
| | | *For 3 Hour Rated, Add* | *381.70* | |
| 23 33 13 19-0158 | EA | 60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,495.95 | 72.20 |
| | | *For Dynamic Damper, Add* | *690.75* | |
| | | *For 3 Hour Rated, Add* | *383.75* | |
| 23 33 13 19-0159 | EA | 60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,553.84 | 77.71 |
| | | *For Dynamic Damper, Add* | *713.01* | |
| | | *For 3 Hour Rated, Add* | *396.11* | |
| 23 33 13 19-0160 | EA | 60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,611.64 | 83.38 |
| | | *For Dynamic Damper, Add* | *735.21* | |
| | | *For 3 Hour Rated, Add* | *408.45* | |
| 23 33 13 19-0161 | EA | 60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,672.89 | 88.88 |
| | | *For Dynamic Damper, Add* | *759.28* | |
| | | *For 3 Hour Rated, Add* | *421.82* | |
| 23 33 13 19-0162 | EA | 60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,734.17 | 94.38 |
| | | *For Dynamic Damper, Add* | *783.37* | |
| | | *For 3 Hour Rated, Add* | *435.20* | |
| 23 33 13 19-0163 | EA | 60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,831.69 | 97.22 |
| | | *For Dynamic Damper, Add* | *831.52* | |
| | | *For 3 Hour Rated, Add* | *461.96* | |
| 23 33 13 19-0164 | EA | 60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 1,922.32 | 99.89 |
| | | *For Dynamic Damper, Add* | *875.96* | |
| | | *For 3 Hour Rated, Add* | *486.65* | |
| 23 33 13 19-0165 | EA | 60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,028.22 | 105.56 |
| | | *For Dynamic Damper, Add* | *924.14* | |
| | | *For 3 Hour Rated, Add* | *513.41* | |
| 23 33 13 19-0166 | EA | 60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,134.08 | 111.06 |
| | | *For Dynamic Damper, Add* | *972.30* | |
| | | *For 3 Hour Rated, Add* | *540.17* | |
| 23 33 13 19-0167 | EA | 60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,219.32 | 116.57 |
| | | *For Dynamic Damper, Add* | *1,009.32* | |
| | | *For 3 Hour Rated, Add* | *560.74* | |
| 23 33 13 19-0168 | EA | 60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,345.73 | 122.23 |
| | | *For Dynamic Damper, Add* | *1,068.58* | |
| | | *For 3 Hour Rated, Add* | *593.66* | |
| 23 33 13 19-0169 | EA | 60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,458.47 | 127.74 |
| | | *For Dynamic Damper, Add* | *1,120.46* | |
| | | *For 3 Hour Rated, Add* | *622.48* | |
| 23 33 13 19-0170 | EA | 60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,571.17 | 133.24 |
| | | *For Dynamic Damper, Add* | *1,172.31* | |
| | | *For 3 Hour Rated, Add* | *651.28* | |
| 23 33 13 19-0171 | EA | 60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,670.10 | 138.91 |
| | | *For Dynamic Damper, Add* | *1,216.73* | |
| | | *For 3 Hour Rated, Add* | *675.96* | |
| 23 33 13 19-0172 | EA | 60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 2,769.20 | 144.42 |
| | | *For Dynamic Damper, Add* | *1,261.23* | |
| | | *For 3 Hour Rated, Add* | *700.69* | |

### 23 33 13 19-0173 Smoke Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

| | | | | |
|---|---|---|---|---|
| 23 33 13 19-0174 | EA | 6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 109.87 | 12.34 |
| | | *For Dynamic Damper, Add* | *39.34* | |
| | | *For 3 Hour Rated, Add* | *21.86* | |
| 23 33 13 19-0175 | EA | 8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 113.36 | 12.89 |
| | | *For Dynamic Damper, Add* | *40.32* | |
| | | *For 3 Hour Rated, Add* | *22.40* | |
| 23 33 13 19-0176 | EA | 8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 115.44 | 13.00 |
| | | *For Dynamic Damper, Add* | *41.33* | |
| | | *For 3 Hour Rated, Add* | *22.96* | |
| 23 33 13 19-0177 | EA | 10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 115.44 | 13.00 |
| | | *For Dynamic Damper, Add* | *41.33* | |
| | | *For 3 Hour Rated, Add* | *22.96* | |
| 23 33 13 19-0178 | EA | 10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 118.40 | 13.35 |
| | | *For Dynamic Damper, Add* | *42.32* | |
| | | *For 3 Hour Rated, Add* | *23.51* | |
| 23 33 13 19-0179 | EA | 10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 126.52 | 14.79 |
| | | *For Dynamic Damper, Add* | *44.31* | |
| | | *For 3 Hour Rated, Add* | *24.62* | |
| 23 33 13 19-0180 | EA | 12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 118.40 | 13.35 |
| | | *For Dynamic Damper, Add* | *42.32* | |
| | | *For 3 Hour Rated, Add* | *23.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0181 | EA | 12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 124.30 | 14.12 |
| | | *For Dynamic Damper, Add* | *44.31* | |
| | | *For 3 Hour Rated, Add* | *24.62* | |
| 23 33 13 19-0182 | EA | 12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 128.37 | 14.79 |
| | | *For Dynamic Damper, Add* | *45.31* | |
| | | *For 3 Hour Rated, Add* | *25.17* | |
| 23 33 13 19-0183 | EA | 12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 135.77 | 16.68 |
| | | *For Dynamic Damper, Add* | *46.30* | |
| | | *For 3 Hour Rated, Add* | *25.72* | |
| 23 33 13 19-0184 | EA | 14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 123.39 | 14.12 |
| | | *For Dynamic Damper, Add* | *43.82* | |
| | | *For 3 Hour Rated, Add* | *24.34* | |
| 23 33 13 19-0185 | EA | 14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 128.37 | 14.79 |
| | | *For Dynamic Damper, Add* | *45.31* | |
| | | *For 3 Hour Rated, Add* | *25.17* | |
| 23 33 13 19-0186 | EA | 14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 132.43 | 15.56 |
| | | *For Dynamic Damper, Add* | *46.30* | |
| | | *For 3 Hour Rated, Add* | *25.72* | |
| 23 33 13 19-0187 | EA | 14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 137.63 | 16.68 |
| | | *For Dynamic Damper, Add* | *47.30* | |
| | | *For 3 Hour Rated, Add* | *26.28* | |
| 23 33 13 19-0188 | EA | 14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 147.79 | 18.56 |
| | | *For Dynamic Damper, Add* | *49.79* | |
| | | *For 3 Hour Rated, Add* | *27.66* | |
| 23 33 13 19-0189 | EA | 16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 195.54 | 14.79 |
| | | *For Dynamic Damper, Add* | *81.58* | |
| | | *For 3 Hour Rated, Add* | *45.32* | |
| 23 33 13 19-0190 | EA | 16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 200.71 | 15.89 |
| | | *For Dynamic Damper, Add* | *82.57* | |
| | | *For 3 Hour Rated, Add* | *45.87* | |
| 23 33 13 19-0191 | EA | 16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 207.01 | 17.45 |
| | | *For Dynamic Damper, Add* | *83.57* | |
| | | *For 3 Hour Rated, Add* | *46.43* | |
| 23 33 13 19-0192 | EA | 16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 212.18 | 18.56 |
| | | *For Dynamic Damper, Add* | *84.56* | |
| | | *For 3 Hour Rated, Add* | *46.98* | |
| 23 33 13 19-0193 | EA | 16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 222.37 | 20.34 |
| | | *For Dynamic Damper, Add* | *87.06* | |
| | | *For 3 Hour Rated, Add* | *48.37* | |
| 23 33 13 19-0194 | EA | 16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 232.54 | 22.24 |
| | | *For Dynamic Damper, Add* | *89.55* | |
| | | *For 3 Hour Rated, Add* | *49.75* | |
| 23 33 13 19-0195 | EA | 18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 199.60 | 15.56 |
| | | *For Dynamic Damper, Add* | *82.57* | |
| | | *For 3 Hour Rated, Add* | *45.87* | |
| 23 33 13 19-0196 | EA | 18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 205.71 | 16.68 |
| | | *For Dynamic Damper, Add* | *84.07* | |
| | | *For 3 Hour Rated, Add* | *46.70* | |
| 23 33 13 19-0197 | EA | 18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 214.05 | 18.56 |
| | | *For Dynamic Damper, Add* | *85.57* | |
| | | *For 3 Hour Rated, Add* | *47.54* | |
| 23 33 13 19-0198 | EA | 18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 224.21 | 20.34 |
| | | *For Dynamic Damper, Add* | *88.05* | |
| | | *For 3 Hour Rated, Add* | *48.92* | |
| 23 33 13 19-0199 | EA | 18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 233.45 | 22.24 |
| | | *For Dynamic Damper, Add* | *90.04* | |
| | | *For 3 Hour Rated, Add* | *50.02* | |
| 23 33 13 19-0200 | EA | 18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 243.62 | 24.01 |
| | | *For Dynamic Damper, Add* | *92.53* | |
| | | *For 3 Hour Rated, Add* | *51.41* | |
| 23 33 13 19-0201 | EA | 18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 251.95 | 25.90 |
| | | *For Dynamic Damper, Add* | *94.03* | |
| | | *For 3 Hour Rated, Add* | *52.24* | |
| 23 33 13 19-0202 | EA | 20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 204.79 | 16.68 |
| | | *For Dynamic Damper, Add* | *83.57* | |
| | | *For 3 Hour Rated, Add* | *46.43* | |
| 23 33 13 19-0203 | EA | 20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 214.03 | 18.56 |
| | | *For Dynamic Damper, Add* | *85.56* | |
| | | *For 3 Hour Rated, Add* | *47.53* | |
| 23 33 13 19-0204 | EA | 20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 223.29 | 20.34 |
| | | *For Dynamic Damper, Add* | *87.56* | |
| | | *For 3 Hour Rated, Add* | *48.64* | |
| 23 33 13 19-0205 | EA | 20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 236.23 | 22.24 |
| | | *For Dynamic Damper, Add* | *91.54* | |
| | | *For 3 Hour Rated, Add* | *50.86* | |
| 23 33 13 19-0206 | EA | 20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 244.55 | 24.01 |
| | | *For Dynamic Damper, Add* | *93.04* | |
| | | *For 3 Hour Rated, Add* | *51.69* | |
| 23 33 13 19-0207 | EA | 20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 252.88 | 25.90 |
| | | *For Dynamic Damper, Add* | *94.53* | |
| | | *For 3 Hour Rated, Add* | *52.52* | |
| 23 33 13 19-0208 | EA | 20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 262.12 | 27.80 |
| | | *For Dynamic Damper, Add* | *96.52* | |
| | | *For 3 Hour Rated, Add* | *53.62* | |
| 23 33 13 19-0209 | EA | 20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 271.36 | 29.57 |
| | | *For Dynamic Damper, Add* | *98.51* | |
| | | *For 3 Hour Rated, Add* | *54.73* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0210 | EA | 24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 269.60 | 18.56 |
| | | *For Dynamic Damper, Add* | *115.57* | |
| | | *For 3 Hour Rated, Add* | *64.20* | |
| 23 33 13 19-0211 | EA | 24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 280.71 | 20.34 |
| | | *For Dynamic Damper, Add* | *118.56* | |
| | | *For 3 Hour Rated, Add* | *65.87* | |
| 23 33 13 19-0212 | EA | 24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 289.97 | 22.24 |
| | | *For Dynamic Damper, Add* | *120.56* | |
| | | *For 3 Hour Rated, Add* | *66.98* | |
| 23 33 13 19-0213 | EA | 24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 301.05 | 24.01 |
| | | *For Dynamic Damper, Add* | *123.55* | |
| | | *For 3 Hour Rated, Add* | *68.64* | |
| 23 33 13 19-0214 | EA | 24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 309.38 | 25.90 |
| | | *For Dynamic Damper, Add* | *125.04* | |
| | | *For 3 Hour Rated, Add* | *69.47* | |
| 23 33 13 19-0215 | EA | 24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 317.69 | 27.80 |
| | | *For Dynamic Damper, Add* | *126.53* | |
| | | *For 3 Hour Rated, Add* | *70.29* | |
| 23 33 13 19-0216 | EA | 24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 328.79 | 29.57 |
| | | *For Dynamic Damper, Add* | *129.52* | |
| | | *For 3 Hour Rated, Add* | *71.96* | |
| 23 33 13 19-0217 | EA | 24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 345.43 | 33.35 |
| | | *For Dynamic Damper, Add* | *132.51* | |
| | | *For 3 Hour Rated, Add* | *73.61* | |
| 23 33 13 19-0218 | EA | 24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 363.94 | 37.02 |
| | | *For Dynamic Damper, Add* | *136.50* | |
| | | *For 3 Hour Rated, Add* | *75.83* | |
| 23 33 13 19-0219 | EA | 28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 280.71 | 20.34 |
| | | *For Dynamic Damper, Add* | *118.56* | |
| | | *For 3 Hour Rated, Add* | *65.87* | |
| 23 33 13 19-0220 | EA | 28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 289.97 | 22.24 |
| | | *For Dynamic Damper, Add* | *120.56* | |
| | | *For 3 Hour Rated, Add* | *66.98* | |
| 23 33 13 19-0221 | EA | 28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 301.05 | 24.01 |
| | | *For Dynamic Damper, Add* | *123.55* | |
| | | *For 3 Hour Rated, Add* | *68.64* | |
| 23 33 13 19-0222 | EA | 28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 310.29 | 25.90 |
| | | *For Dynamic Damper, Add* | *125.53* | |
| | | *For 3 Hour Rated, Add* | *69.74* | |
| 23 33 13 19-0223 | EA | 28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 320.46 | 27.80 |
| | | *For Dynamic Damper, Add* | *128.02* | |
| | | *For 3 Hour Rated, Add* | *71.12* | |
| 23 33 13 19-0224 | EA | 28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 330.63 | 29.57 |
| | | *For Dynamic Damper, Add* | *130.51* | |
| | | *For 3 Hour Rated, Add* | *72.51* | |
| 23 33 13 19-0225 | EA | 28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 347.27 | 33.35 |
| | | *For Dynamic Damper, Add* | *133.50* | |
| | | *For 3 Hour Rated, Add* | *74.17* | |
| 23 33 13 19-0226 | EA | 28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 363.94 | 37.02 |
| | | *For Dynamic Damper, Add* | *136.50* | |
| | | *For 3 Hour Rated, Add* | *75.83* | |
| 23 33 13 19-0227 | EA | 28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 380.55 | 38.91 |
| | | *For Dynamic Damper, Add* | *142.46* | |
| | | *For 3 Hour Rated, Add* | *79.15* | |
| 23 33 13 19-0228 | EA | 28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 400.90 | 42.58 |
| | | *For Dynamic Damper, Add* | *147.45* | |
| | | *For 3 Hour Rated, Add* | *81.92* | |
| 23 33 13 19-0229 | EA | 32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 295.50 | 22.24 |
| | | *For Dynamic Damper, Add* | *123.55* | |
| | | *For 3 Hour Rated, Add* | *68.64* | |
| 23 33 13 19-0230 | EA | 32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 302.88 | 24.01 |
| | | *For Dynamic Damper, Add* | *124.53* | |
| | | *For 3 Hour Rated, Add* | *69.19* | |
| 23 33 13 19-0231 | EA | 32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 310.29 | 25.90 |
| | | *For Dynamic Damper, Add* | *125.53* | |
| | | *For 3 Hour Rated, Add* | *69.74* | |
| 23 33 13 19-0232 | EA | 32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 319.53 | 27.80 |
| | | *For Dynamic Damper, Add* | *127.52* | |
| | | *For 3 Hour Rated, Add* | *70.85* | |
| 23 33 13 19-0233 | EA | 32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 330.98 | 29.57 |
| | | *For Dynamic Damper, Add* | *130.70* | |
| | | *For 3 Hour Rated, Add* | *72.61* | |
| 23 33 13 19-0234 | EA | 32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 347.27 | 33.35 |
| | | *For Dynamic Damper, Add* | *133.50* | |
| | | *For 3 Hour Rated, Add* | *74.17* | |
| 23 33 13 19-0235 | EA | 32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 365.78 | 37.02 |
| | | *For Dynamic Damper, Add* | *137.49* | |
| | | *For 3 Hour Rated, Add* | *76.38* | |
| 23 33 13 19-0236 | EA | 32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 384.29 | 40.69 |
| | | *For Dynamic Damper, Add* | *141.48* | |
| | | *For 3 Hour Rated, Add* | *78.60* | |
| 23 33 13 19-0237 | EA | 32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 400.90 | 42.58 |
| | | *For Dynamic Damper, Add* | *147.45* | |
| | | *For 3 Hour Rated, Add* | *81.92* | |
| 23 33 13 19-0238 | EA | 32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 422.72 | 45.58 |
| | | *For Dynamic Damper, Add* | *154.43* | |
| | | *For 3 Hour Rated, Add* | *85.79* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0239 | EA | 32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 445.25 | 48.14 |
| | | *For Dynamic Damper, Add* | *162.39* | |
| | | *For 3 Hour Rated, Add* | *90.22* | |
| 23 33 13 19-0240 | EA | 36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 309.74 | 24.01 |
| | | *For Dynamic Damper, Add* | *128.24* | |
| | | *For 3 Hour Rated, Add* | *71.24* | |
| 23 33 13 19-0241 | EA | 36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 319.16 | 25.90 |
| | | *For Dynamic Damper, Add* | *130.32* | |
| | | *For 3 Hour Rated, Add* | *72.40* | |
| 23 33 13 19-0242 | EA | 36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 328.57 | 27.80 |
| | | *For Dynamic Damper, Add* | *132.40* | |
| | | *For 3 Hour Rated, Add* | *73.56* | |
| 23 33 13 19-0243 | EA | 36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 339.94 | 29.57 |
| | | *For Dynamic Damper, Add* | *135.54* | |
| | | *For 3 Hour Rated, Add* | *75.30* | |
| 23 33 13 19-0244 | EA | 36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 353.96 | 33.35 |
| | | *For Dynamic Damper, Add* | *137.11* | |
| | | *For 3 Hour Rated, Add* | *76.17* | |
| 23 33 13 19-0245 | EA | 36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 362.42 | 35.13 |
| | | *For Dynamic Damper, Add* | *138.68* | |
| | | *For 3 Hour Rated, Add* | *77.04* | |
| 23 33 13 19-0246 | EA | 36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 388.76 | 40.69 |
| | | *For Dynamic Damper, Add* | *143.89* | |
| | | *For 3 Hour Rated, Add* | *79.94* | |
| 23 33 13 19-0247 | EA | 36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 409.53 | 44.47 |
| | | *For Dynamic Damper, Add* | *149.10* | |
| | | *For 3 Hour Rated, Add* | *82.84* | |
| 23 33 13 19-0248 | EA | 36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 425.57 | 45.92 |
| | | *For Dynamic Damper, Add* | *155.37* | |
| | | *For 3 Hour Rated, Add* | *86.32* | |
| 23 33 13 19-0249 | EA | 36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 451.03 | 49.25 |
| | | *For Dynamic Damper, Add* | *163.71* | |
| | | *For 3 Hour Rated, Add* | *90.95* | |
| 23 33 13 19-0250 | EA | 36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 472.34 | 51.81 |
| | | *For Dynamic Damper, Add* | *171.02* | |
| | | *For 3 Hour Rated, Add* | *95.01* | |
| 23 33 13 19-0251 | EA | 36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 493.36 | 53.69 |
| | | *For Dynamic Damper, Add* | *179.37* | |
| | | *For 3 Hour Rated, Add* | *99.65* | |
| 23 33 13 19-0252 | EA | 40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 357.52 | 27.80 |
| | | *For Dynamic Damper, Add* | *151.04* | |
| | | *For 3 Hour Rated, Add* | *83.91* | |
| 23 33 13 19-0253 | EA | 40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 370.81 | 29.57 |
| | | *For Dynamic Damper, Add* | *155.21* | |
| | | *For 3 Hour Rated, Add* | *86.23* | |
| 23 33 13 19-0254 | EA | 40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 378.30 | 31.46 |
| | | *For Dynamic Damper, Add* | *156.25* | |
| | | *For 3 Hour Rated, Add* | *86.81* | |
| 23 33 13 19-0255 | EA | 40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 385.78 | 33.35 |
| | | *For Dynamic Damper, Add* | *157.30* | |
| | | *For 3 Hour Rated, Add* | *87.39* | |
| 23 33 13 19-0256 | EA | 40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 403.67 | 35.13 |
| | | *For Dynamic Damper, Add* | *160.95* | |
| | | *For 3 Hour Rated, Add* | *89.42* | |
| 23 33 13 19-0257 | EA | 40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 416.01 | 37.02 |
| | | *For Dynamic Damper, Add* | *164.61* | |
| | | *For 3 Hour Rated, Add* | *91.45* | |
| 23 33 13 19-0258 | EA | 40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 440.41 | 42.58 |
| | | *For Dynamic Damper, Add* | *168.78* | |
| | | *For 3 Hour Rated, Add* | *93.77* | |
| 23 33 13 19-0259 | EA | 40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 459.27 | 46.25 |
| | | *For Dynamic Damper, Add* | *172.96* | |
| | | *For 3 Hour Rated, Add* | *96.09* | |
| 23 33 13 19-0260 | EA | 40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 479.75 | 49.25 |
| | | *For Dynamic Damper, Add* | *179.22* | |
| | | *For 3 Hour Rated, Add* | *99.57* | |
| 23 33 13 19-0261 | EA | 40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 508.78 | 51.81 |
| | | *For Dynamic Damper, Add* | *190.70* | |
| | | *For 3 Hour Rated, Add* | *105.94* | |
| 23 33 13 19-0262 | EA | 40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 529.26 | 54.81 |
| | | *For Dynamic Damper, Add* | *196.95* | |
| | | *For 3 Hour Rated, Add* | *109.42* | |
| 23 33 13 19-0263 | EA | 40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 554.96 | 56.25 |
| | | *For Dynamic Damper, Add* | *208.43* | |
| | | *For 3 Hour Rated, Add* | *115.79* | |
| 23 33 13 19-0264 | EA | 40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 583.19 | 59.25 |
| | | *For Dynamic Damper, Add* | *218.87* | |
| | | *For 3 Hour Rated, Add* | *121.59* | |
| 23 33 13 19-0265 | EA | 44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 366.95 | 27.80 |
| | | *For Dynamic Damper, Add* | *153.13* | |
| | | *For 3 Hour Rated, Add* | *85.07* | |
| 23 33 13 19-0266 | EA | 44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 380.23 | 29.57 |
| | | *For Dynamic Damper, Add* | *157.30* | |
| | | *For 3 Hour Rated, Add* | *87.39* | |
| 23 33 13 19-0267 | EA | 44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 391.60 | 31.46 |
| | | *For Dynamic Damper, Add* | *160.44* | |
| | | *For 3 Hour Rated, Add* | *89.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0268 | EA | 44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 399.10 | 33.35 |
| | | *For Dynamic Damper, Add* | *161.49* | |
| | | *For 3 Hour Rated, Add* | *89.72* | |
| 23 33 13 19-0269 | EA | 44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 412.38 | 35.13 |
| | | *For Dynamic Damper, Add* | *165.66* | |
| | | *For 3 Hour Rated, Add* | *92.03* | |
| 23 33 13 19-0270 | EA | 44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 425.66 | 37.02 |
| | | *For Dynamic Damper, Add* | *169.82* | |
| | | *For 3 Hour Rated, Add* | *94.35* | |
| 23 33 13 19-0271 | EA | 44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 457.58 | 44.47 |
| | | *For Dynamic Damper, Add* | *175.05* | |
| | | *For 3 Hour Rated, Add* | *97.25* | |
| 23 33 13 19-0272 | EA | 44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 478.34 | 48.14 |
| | | *For Dynamic Damper, Add* | *180.26* | |
| | | *For 3 Hour Rated, Add* | *100.14* | |
| 23 33 13 19-0273 | EA | 44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 508.78 | 51.81 |
| | | *For Dynamic Damper, Add* | *190.70* | |
| | | *For 3 Hour Rated, Add* | *105.94* | |
| 23 33 13 19-0274 | EA | 44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 537.30 | 55.59 |
| | | *For Dynamic Damper, Add* | *200.09* | |
| | | *For 3 Hour Rated, Add* | *111.16* | |
| 23 33 13 19-0275 | EA | 44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 567.72 | 59.25 |
| | | *For Dynamic Damper, Add* | *210.51* | |
| | | *For 3 Hour Rated, Add* | *116.95* | |
| 23 33 13 19-0276 | EA | 44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 590.67 | 61.03 |
| | | *For Dynamic Damper, Add* | *219.90* | |
| | | *For 3 Hour Rated, Add* | *122.17* | |
| 23 33 13 19-0277 | EA | 44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 613.63 | 62.93 |
| | | *For Dynamic Damper, Add* | *229.30* | |
| | | *For 3 Hour Rated, Add* | *127.39* | |
| 23 33 13 19-0278 | EA | 44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 636.59 | 64.81 |
| | | *For Dynamic Damper, Add* | *238.70* | |
| | | *For 3 Hour Rated, Add* | *132.61* | |
| 23 33 13 19-0279 | EA | 48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 378.30 | 29.57 |
| | | *For Dynamic Damper, Add* | *156.25* | |
| | | *For 3 Hour Rated, Add* | *86.81* | |
| 23 33 13 19-0280 | EA | 48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 391.60 | 31.46 |
| | | *For Dynamic Damper, Add* | *160.44* | |
| | | *For 3 Hour Rated, Add* | *89.13* | |
| 23 33 13 19-0281 | EA | 48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 399.10 | 33.35 |
| | | *For Dynamic Damper, Add* | *161.49* | |
| | | *For 3 Hour Rated, Add* | *89.72* | |
| 23 33 13 19-0282 | EA | 48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 416.01 | 37.02 |
| | | *For Dynamic Damper, Add* | *164.61* | |
| | | *For 3 Hour Rated, Add* | *91.45* | |
| 23 33 13 19-0283 | EA | 48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 434.85 | 40.69 |
| | | *For Dynamic Damper, Add* | *168.78* | |
| | | *For 3 Hour Rated, Add* | *93.77* | |
| 23 33 13 19-0284 | EA | 48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 453.71 | 44.47 |
| | | *For Dynamic Damper, Add* | *172.96* | |
| | | *For 3 Hour Rated, Add* | *96.09* | |
| 23 33 13 19-0285 | EA | 48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 476.42 | 48.14 |
| | | *For Dynamic Damper, Add* | *179.22* | |
| | | *For 3 Hour Rated, Add* | *99.57* | |
| 23 33 13 19-0286 | EA | 48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 499.11 | 51.81 |
| | | *For Dynamic Damper, Add* | *185.47* | |
| | | *For 3 Hour Rated, Add* | *103.04* | |
| 23 33 13 19-0287 | EA | 48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 527.62 | 55.59 |
| | | *For Dynamic Damper, Add* | *194.86* | |
| | | *For 3 Hour Rated, Add* | *108.26* | |
| 23 33 13 19-0288 | EA | 48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 560.00 | 59.25 |
| | | *For Dynamic Damper, Add* | *206.34* | |
| | | *For 3 Hour Rated, Add* | *114.64* | |
| 23 33 13 19-0289 | EA | 48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 582.96 | 61.03 |
| | | *For Dynamic Damper, Add* | *215.74* | |
| | | *For 3 Hour Rated, Add* | *119.86* | |
| 23 33 13 19-0290 | EA | 48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 611.70 | 62.93 |
| | | *For Dynamic Damper, Add* | *228.26* | |
| | | *For 3 Hour Rated, Add* | *126.81* | |
| 23 33 13 19-0291 | EA | 48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 640.21 | 66.59 |
| | | *For Dynamic Damper, Add* | *237.65* | |
| | | *For 3 Hour Rated, Add* | *132.03* | |
| 23 33 13 19-0292 | EA | 48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 668.96 | 68.49 |
| | | *For Dynamic Damper, Add* | *250.17* | |
| | | *For 3 Hour Rated, Add* | *138.98* | |
| 23 33 13 19-0293 | EA | 48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 701.08 | 74.04 |
| | | *For Dynamic Damper, Add* | *258.52* | |
| | | *For 3 Hour Rated, Add* | *143.62* | |
| 23 33 13 19-0294 | EA | 52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 389.67 | 31.46 |
| | | *For Dynamic Damper, Add* | *159.40* | |
| | | *For 3 Hour Rated, Add* | *88.55* | |
| 23 33 13 19-0295 | EA | 52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 402.95 | 33.35 |
| | | *For Dynamic Damper, Add* | *163.57* | |
| | | *For 3 Hour Rated, Add* | *90.87* | |
| 23 33 13 19-0296 | EA | 52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 421.79 | 37.02 |
| | | *For Dynamic Damper, Add* | *167.73* | |
| | | *For 3 Hour Rated, Add* | *93.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0297 | EA | 52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 434.85 | 40.69 |
| | | *For Dynamic Damper, Add* | *168.78* | |
| | | *For 3 Hour Rated, Add* | *93.77* | |
| 23 33 13 19-0298 | EA | 52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 454.67 | 44.47 |
| | | *For Dynamic Damper, Add* | *173.48* | |
| | | *For 3 Hour Rated, Add* | *96.38* | |
| 23 33 13 19-0299 | EA | 52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 474.48 | 48.14 |
| | | *For Dynamic Damper, Add* | *178.17* | |
| | | *For 3 Hour Rated, Add* | *98.99* | |
| 23 33 13 19-0300 | EA | 52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 497.19 | 51.81 |
| | | *For Dynamic Damper, Add* | *184.44* | |
| | | *For 3 Hour Rated, Add* | *102.47* | |
| 23 33 13 19-0301 | EA | 52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 519.90 | 55.59 |
| | | *For Dynamic Damper, Add* | *190.70* | |
| | | *For 3 Hour Rated, Add* | *105.94* | |
| 23 33 13 19-0302 | EA | 52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 548.42 | 59.25 |
| | | *For Dynamic Damper, Add* | *200.09* | |
| | | *For 3 Hour Rated, Add* | *111.16* | |
| 23 33 13 19-0303 | EA | 52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 582.71 | 62.93 |
| | | *For Dynamic Damper, Add* | *212.60* | |
| | | *For 3 Hour Rated, Add* | *118.11* | |
| 23 33 13 19-0304 | EA | 52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 607.58 | 64.81 |
| | | *For Dynamic Damper, Add* | *223.03* | |
| | | *For 3 Hour Rated, Add* | *123.91* | |
| 23 33 13 19-0305 | EA | 52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 638.28 | 66.59 |
| | | *For Dynamic Damper, Add* | *236.61* | |
| | | *For 3 Hour Rated, Add* | *131.45* | |
| 23 33 13 19-0306 | EA | 52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 672.57 | 70.37 |
| | | *For Dynamic Damper, Add* | *249.12* | |
| | | *For 3 Hour Rated, Add* | *138.40* | |
| 23 33 13 19-0307 | EA | 52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 701.08 | 74.04 |
| | | *For Dynamic Damper, Add* | *258.52* | |
| | | *For 3 Hour Rated, Add* | *143.62* | |
| 23 33 13 19-0308 | EA | 52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 740.94 | 79.60 |
| | | *For Dynamic Damper, Add* | *271.04* | |
| | | *For 3 Hour Rated, Add* | *150.58* | |
| 23 33 13 19-0309 | EA | 52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 771.39 | 83.27 |
| | | *For Dynamic Damper, Add* | *281.48* | |
| | | *For 3 Hour Rated, Add* | *156.38* | |
| 23 33 13 19-0310 | EA | 56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 399.10 | 33.35 |
| | | *For Dynamic Damper, Add* | *161.49* | |
| | | *For 3 Hour Rated, Add* | *89.72* | |
| 23 33 13 19-0311 | EA | 56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 419.86 | 37.02 |
| | | *For Dynamic Damper, Add* | *166.69* | |
| | | *For 3 Hour Rated, Add* | *92.61* | |
| 23 33 13 19-0312 | EA | 56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 436.78 | 40.69 |
| | | *For Dynamic Damper, Add* | *169.82* | |
| | | *For 3 Hour Rated, Add* | *94.35* | |
| 23 33 13 19-0313 | EA | 56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 449.82 | 44.47 |
| | | *For Dynamic Damper, Add* | *170.86* | |
| | | *For 3 Hour Rated, Add* | *94.92* | |
| 23 33 13 19-0314 | EA | 56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 471.58 | 48.14 |
| | | *For Dynamic Damper, Add* | *176.61* | |
| | | *For 3 Hour Rated, Add* | *98.12* | |
| 23 33 13 19-0315 | EA | 56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 493.32 | 51.81 |
| | | *For Dynamic Damper, Add* | *182.35* | |
| | | *For 3 Hour Rated, Add* | *101.30* | |
| 23 33 13 19-0316 | EA | 56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 515.06 | 55.59 |
| | | *For Dynamic Damper, Add* | *188.08* | |
| | | *For 3 Hour Rated, Add* | *104.49* | |
| 23 33 13 19-0317 | EA | 56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 536.81 | 59.25 |
| | | *For Dynamic Damper, Add* | *193.82* | |
| | | *For 3 Hour Rated, Add* | *107.68* | |
| 23 33 13 19-0318 | EA | 56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 571.12 | 62.93 |
| | | *For Dynamic Damper, Add* | *206.34* | |
| | | *For 3 Hour Rated, Add* | *114.64* | |
| 23 33 13 19-0319 | EA | 56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 599.87 | 64.81 |
| | | *For Dynamic Damper, Add* | *218.87* | |
| | | *For 3 Hour Rated, Add* | *121.59* | |
| 23 33 13 19-0320 | EA | 56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 626.68 | 66.59 |
| | | *For Dynamic Damper, Add* | *230.34* | |
| | | *For 3 Hour Rated, Add* | *127.97* | |
| 23 33 13 19-0321 | EA | 56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 664.86 | 70.37 |
| | | *For Dynamic Damper, Add* | *244.95* | |
| | | *For 3 Hour Rated, Add* | *136.09* | |
| 23 33 13 19-0322 | EA | 56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 699.14 | 74.04 |
| | | *For Dynamic Damper, Add* | *257.47* | |
| | | *For 3 Hour Rated, Add* | *143.04* | |
| 23 33 13 19-0323 | EA | 56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 735.38 | 77.71 |
| | | *For Dynamic Damper, Add* | *271.04* | |
| | | *For 3 Hour Rated, Add* | *150.58* | |
| 23 33 13 19-0324 | EA | 56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 765.83 | 81.49 |
| | | *For Dynamic Damper, Add* | *281.48* | |
| | | *For 3 Hour Rated, Add* | *156.38* | |
| 23 33 13 19-0325 | EA | 56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 802.07 | 85.16 |
| | | *For Dynamic Damper, Add* | *295.04* | |
| | | *For 3 Hour Rated, Add* | *163.91* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 19-0326 | EA | 56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 838.31 | 88.83 |
| | | *For Dynamic Damper, Add* | *308.60* | |
| | | *For 3 Hour Rated, Add* | *171.45* | |
| 23 33 13 19-0327 | EA | 60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 416.01 | 37.02 |
| | | *For Dynamic Damper, Add* | *164.61* | |
| | | *For 3 Hour Rated, Add* | *91.45* | |
| 23 33 13 19-0328 | EA | 60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 436.78 | 40.69 |
| | | *For Dynamic Damper, Add* | *169.82* | |
| | | *For 3 Hour Rated, Add* | *94.35* | |
| 23 33 13 19-0329 | EA | 60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 451.76 | 44.47 |
| | | *For Dynamic Damper, Add* | *171.91* | |
| | | *For 3 Hour Rated, Add* | *95.51* | |
| 23 33 13 19-0330 | EA | 60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 464.83 | 48.14 |
| | | *For Dynamic Damper, Add* | *172.96* | |
| | | *For 3 Hour Rated, Add* | *96.09* | |
| 23 33 13 19-0331 | EA | 60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 487.53 | 51.81 |
| | | *For Dynamic Damper, Add* | *179.22* | |
| | | *For 3 Hour Rated, Add* | *99.57* | |
| 23 33 13 19-0332 | EA | 60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 510.23 | 55.59 |
| | | *For Dynamic Damper, Add* | *185.47* | |
| | | *For 3 Hour Rated, Add* | *103.04* | |
| 23 33 13 19-0333 | EA | 60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 533.91 | 59.25 |
| | | *For Dynamic Damper, Add* | *192.26* | |
| | | *For 3 Hour Rated, Add* | *106.81* | |
| 23 33 13 19-0334 | EA | 60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 557.59 | 62.93 |
| | | *For Dynamic Damper, Add* | *199.04* | |
| | | *For 3 Hour Rated, Add* | *110.58* | |
| 23 33 13 19-0335 | EA | 60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 588.27 | 64.81 |
| | | *For Dynamic Damper, Add* | *212.60* | |
| | | *For 3 Hour Rated, Add* | *118.11* | |
| 23 33 13 19-0336 | EA | 60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 617.01 | 66.59 |
| | | *For Dynamic Damper, Add* | *225.12* | |
| | | *For 3 Hour Rated, Add* | *125.07* | |
| 23 33 13 19-0337 | EA | 60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 653.27 | 70.37 |
| | | *For Dynamic Damper, Add* | *238.70* | |
| | | *For 3 Hour Rated, Add* | *132.61* | |
| 23 33 13 19-0338 | EA | 60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 689.49 | 74.04 |
| | | *For Dynamic Damper, Add* | *252.26* | |
| | | *For 3 Hour Rated, Add* | *140.15* | |
| 23 33 13 19-0339 | EA | 60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 719.92 | 77.71 |
| | | *For Dynamic Damper, Add* | *262.69* | |
| | | *For 3 Hour Rated, Add* | *145.94* | |
| 23 33 13 19-0340 | EA | 60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 761.95 | 81.49 |
| | | *For Dynamic Damper, Add* | *279.38* | |
| | | *For 3 Hour Rated, Add* | *155.21* | |
| 23 33 13 19-0341 | EA | 60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 800.13 | 85.16 |
| | | *For Dynamic Damper, Add* | *293.99* | |
| | | *For 3 Hour Rated, Add* | *163.33* | |
| 23 33 13 19-0342 | EA | 60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 838.31 | 88.83 |
| | | *For Dynamic Damper, Add* | *308.60* | |
| | | *For 3 Hour Rated, Add* | *171.45* | |
| 23 33 13 19-0343 | EA | 60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 872.59 | 92.61 |
| | | *For Dynamic Damper, Add* | *321.11* | |
| | | *For 3 Hour Rated, Add* | *178.40* | |
| 23 33 13 19-0344 | EA | 60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated | 906.91 | 96.28 |
| | | *For Dynamic Damper, Add* | *333.64* | |
| | | *For 3 Hour Rated, Add* | *185.36* | |

## 23 33 13 23 Backdraft Dampers *(23 33 13)*

### 23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

| | | | | |
|---|---|---|---|---|
| 23 33 13 23-0002 | EA | 6" x 6" Horizontally Mounted Backdraft Damper | 75.27 | 12.34 |
| 23 33 13 23-0003 | EA | 8" x 6" Horizontally Mounted Backdraft Damper | 89.68 | 12.89 |
| 23 33 13 23-0004 | EA | 8" x 8" Horizontally Mounted Backdraft Damper | 106.90 | 13.00 |
| 23 33 13 23-0005 | EA | 10" x 6" Horizontally Mounted Backdraft Damper | 102.66 | 13.00 |
| 23 33 13 23-0006 | EA | 10" x 8" Horizontally Mounted Backdraft Damper | 98.72 | 13.35 |
| 23 33 13 23-0007 | EA | 10" x 10" Horizontally Mounted Backdraft Damper | 117.83 | 14.79 |
| 23 33 13 23-0008 | EA | 12" x 6" Horizontally Mounted Backdraft Damper | 92.85 | 13.35 |
| 23 33 13 23-0009 | EA | 12" x 8" Horizontally Mounted Backdraft Damper | 114.89 | 14.79 |
| 23 33 13 23-0010 | EA | 12" x 10" Horizontally Mounted Backdraft Damper | 110.80 | 15.56 |
| 23 33 13 23-0011 | EA | 12" x 12" Horizontally Mounted Backdraft Damper | 126.97 | 16.68 |
| 23 33 13 23-0012 | EA | 14" x 6" Horizontally Mounted Backdraft Damper | 103.87 | 14.12 |
| 23 33 13 23-0013 | EA | 14" x 8" Horizontally Mounted Backdraft Damper | 106.52 | 15.56 |
| 23 33 13 23-0014 | EA | 14" x 10" Horizontally Mounted Backdraft Damper | 124.84 | 16.68 |
| 23 33 13 23-0015 | EA | 14" x 12" Horizontally Mounted Backdraft Damper | 113.13 | 18.56 |
| 23 33 13 23-0016 | EA | 14" x 14" Horizontally Mounted Backdraft Damper | 128.28 | 20.34 |
| 23 33 13 23-0017 | EA | 16" x 6" Horizontally Mounted Backdraft Damper | 114.89 | 14.79 |
| 23 33 13 23-0018 | EA | 16" x 8" Horizontally Mounted Backdraft Damper | 118.41 | 16.68 |
| 23 33 13 23-0019 | EA | 16" x 10" Horizontally Mounted Backdraft Damper | 110.39 | 18.56 |
| 23 33 13 23-0020 | EA | 16" x 12" Horizontally Mounted Backdraft Damper | 121.34 | 18.56 |
| 23 33 13 23-0021 | EA | 16" x 14" Horizontally Mounted Backdraft Damper | 137.87 | 20.34 |
| 23 33 13 23-0022 | EA | 16" x 16" Horizontally Mounted Backdraft Damper | 154.38 | 22.24 |
| 23 33 13 23-0023 | EA | 18" x 6" Horizontally Mounted Backdraft Damper | 104.39 | 15.56 |
| 23 33 13 23-0024 | EA | 18" x 8" Horizontally Mounted Backdraft Damper | 99.34 | 16.68 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 23-0025 | EA | 18" x 10" Horizontally Mounted Backdraft Damper | 117.23 | 18.56 |
| 23 33 13 23-0026 | EA | 18" x 12" Horizontally Mounted Backdraft Damper | 135.12 | 20.34 |
| 23 33 13 23-0027 | EA | 18" x 14" Horizontally Mounted Backdraft Damper | 153.00 | 22.24 |
| 23 33 13 23-0028 | EA | 18" x 16" Horizontally Mounted Backdraft Damper | 174.05 | 24.01 |
| 23 33 13 23-0029 | EA | 18" x 18" Horizontally Mounted Backdraft Damper | 197.89 | 27.80 |
| 23 33 13 23-0030 | EA | 18" x 20" Horizontally Mounted Backdraft Damper | 166.11 | 29.57 |
| 23 33 13 23-0031 | EA | 18" x 24" Horizontally Mounted Backdraft Damper | 192.64 | 33.35 |
| 23 33 13 23-0032 | EA | 20" x 6" Horizontally Mounted Backdraft Damper | 114.14 | 16.68 |
| 23 33 13 23-0033 | EA | 20" x 8" Horizontally Mounted Backdraft Damper | 110.39 | 18.56 |
| 23 33 13 23-0034 | EA | 20" x 10" Horizontally Mounted Backdraft Damper | 129.64 | 20.34 |
| 23 33 13 23-0035 | EA | 20" x 12" Horizontally Mounted Backdraft Damper | 148.91 | 22.24 |
| 23 33 13 23-0036 | EA | 20" x 14" Horizontally Mounted Backdraft Damper | 171.22 | 24.01 |
| 23 33 13 23-0037 | EA | 20" x 16" Horizontally Mounted Backdraft Damper | 190.92 | 25.90 |
| 23 33 13 23-0038 | EA | 20" x 18" Horizontally Mounted Backdraft Damper | 166.11 | 29.57 |
| 23 33 13 23-0039 | EA | 20" x 20" Horizontally Mounted Backdraft Damper | 174.68 | 29.57 |
| 23 33 13 23-0040 | EA | 20" x 24" Horizontally Mounted Backdraft Damper | 202.93 | 33.35 |
| 23 33 13 23-0041 | EA | 20" x 28" Horizontally Mounted Backdraft Damper | 231.19 | 37.02 |
| 23 33 13 23-0042 | EA | 20" x 32" Horizontally Mounted Backdraft Damper | 220.27 | 40.69 |
| 23 33 13 23-0043 | EA | 20" x 36" Horizontally Mounted Backdraft Damper | 243.62 | 44.47 |
| 23 33 13 23-0044 | EA | 24" x 6" Horizontally Mounted Backdraft Damper | 104.90 | 18.56 |
| 23 33 13 23-0045 | EA | 24" x 8" Horizontally Mounted Backdraft Damper | 126.90 | 20.34 |
| 23 33 13 23-0046 | EA | 24" x 10" Horizontally Mounted Backdraft Damper | 148.91 | 22.24 |
| 23 33 13 23-0047 | EA | 24" x 12" Horizontally Mounted Backdraft Damper | 174.05 | 24.01 |
| 23 33 13 23-0048 | EA | 24" x 14" Horizontally Mounted Backdraft Damper | 155.40 | 27.80 |
| 23 33 13 23-0049 | EA | 24" x 16" Horizontally Mounted Backdraft Damper | 171.24 | 29.57 |
| 23 33 13 23-0050 | EA | 24" x 18" Horizontally Mounted Backdraft Damper | 192.64 | 33.35 |
| 23 33 13 23-0051 | EA | 24" x 20" Horizontally Mounted Backdraft Damper | 202.93 | 33.35 |
| 23 33 13 23-0052 | EA | 24" x 24" Horizontally Mounted Backdraft Damper | 234.62 | 37.02 |
| 23 33 13 23-0053 | EA | 24" x 28" Horizontally Mounted Backdraft Damper | 225.15 | 40.69 |
| 23 33 13 23-0054 | EA | 24" x 32" Horizontally Mounted Backdraft Damper | 250.98 | 44.47 |
| 23 33 13 23-0055 | EA | 24" x 36" Horizontally Mounted Backdraft Damper | 276.79 | 48.14 |
| 23 33 13 23-0056 | EA | 24" x 40" Horizontally Mounted Backdraft Damper | 273.21 | 51.81 |
| 23 33 13 23-0057 | EA | 24" x 44" Horizontally Mounted Backdraft Damper | 296.08 | 55.59 |
| 23 33 13 23-0058 | EA | 24" x 48" Horizontally Mounted Backdraft Damper | 307.84 | 55.59 |
| 23 33 13 23-0059 | EA | 28" x 6" Horizontally Mounted Backdraft Damper | 113.13 | 18.56 |
| 23 33 13 23-0060 | EA | 28" x 8" Horizontally Mounted Backdraft Damper | 137.87 | 20.34 |
| 23 33 13 23-0061 | EA | 28" x 10" Horizontally Mounted Backdraft Damper | 171.22 | 24.01 |
| 23 33 13 23-0062 | EA | 28" x 12" Horizontally Mounted Backdraft Damper | 155.40 | 27.80 |
| 23 33 13 23-0063 | EA | 28" x 14" Horizontally Mounted Backdraft Damper | 172.96 | 29.57 |
| 23 33 13 23-0064 | EA | 28" x 16" Horizontally Mounted Backdraft Damper | 196.08 | 33.35 |
| 23 33 13 23-0065 | EA | 28" x 18" Horizontally Mounted Backdraft Damper | 219.20 | 37.02 |
| 23 33 13 23-0066 | EA | 28" x 20" Horizontally Mounted Backdraft Damper | 231.19 | 37.02 |
| 23 33 13 23-0067 | EA | 28" x 24" Horizontally Mounted Backdraft Damper | 225.15 | 40.69 |
| 23 33 13 23-0068 | EA | 28" x 28" Horizontally Mounted Backdraft Damper | 253.43 | 44.47 |
| 23 33 13 23-0069 | EA | 28" x 32" Horizontally Mounted Backdraft Damper | 281.69 | 48.14 |
| 23 33 13 23-0070 | EA | 28" x 36" Horizontally Mounted Backdraft Damper | 290.20 | 55.59 |
| 23 33 13 23-0071 | EA | 28" x 40" Horizontally Mounted Backdraft Damper | 303.92 | 55.59 |
| 23 33 13 23-0072 | EA | 28" x 44" Horizontally Mounted Backdraft Damper | 328.75 | 59.25 |
| 23 33 13 23-0073 | EA | 28" x 48" Horizontally Mounted Backdraft Damper | 353.59 | 62.93 |
| 23 33 13 23-0074 | EA | 28" x 52" Horizontally Mounted Backdraft Damper | 367.31 | 62.93 |
| 23 33 13 23-0075 | EA | 28" x 56" Horizontally Mounted Backdraft Damper | 368.14 | 66.59 |
| 23 33 13 23-0076 | EA | 28" x 60" Horizontally Mounted Backdraft Damper | 380.13 | 66.59 |
| 23 33 13 23-0077 | EA | 32" x 6" Horizontally Mounted Backdraft Damper | 126.90 | 20.34 |
| 23 33 13 23-0078 | EA | 32" x 8" Horizontally Mounted Backdraft Damper | 162.74 | 24.01 |
| 23 33 13 23-0079 | EA | 32" x 10" Horizontally Mounted Backdraft Damper | 190.92 | 25.90 |
| 23 33 13 23-0080 | EA | 32" x 12" Horizontally Mounted Backdraft Damper | 171.24 | 29.57 |
| 23 33 13 23-0081 | EA | 32" x 14" Horizontally Mounted Backdraft Damper | 196.08 | 33.35 |
| 23 33 13 23-0082 | EA | 32" x 16" Horizontally Mounted Backdraft Damper | 220.90 | 37.02 |
| 23 33 13 23-0083 | EA | 32" x 18" Horizontally Mounted Backdraft Damper | 199.34 | 37.02 |
| 23 33 13 23-0084 | EA | 32" x 20" Horizontally Mounted Backdraft Damper | 220.27 | 40.69 |
| 23 33 13 23-0085 | EA | 32" x 24" Horizontally Mounted Backdraft Damper | 250.98 | 44.47 |
| 23 33 13 23-0086 | EA | 32" x 28" Horizontally Mounted Backdraft Damper | 281.69 | 48.14 |
| 23 33 13 23-0087 | EA | 32" x 32" Horizontally Mounted Backdraft Damper | 292.16 | 55.59 |
| 23 33 13 23-0088 | EA | 32" x 36" Horizontally Mounted Backdraft Damper | 307.84 | 55.59 |
| 23 33 13 23-0089 | EA | 32" x 40" Horizontally Mounted Backdraft Damper | 334.63 | 59.25 |
| 23 33 13 23-0090 | EA | 32" x 44" Horizontally Mounted Backdraft Damper | 361.43 | 62.93 |
| 23 33 13 23-0091 | EA | 32" x 48" Horizontally Mounted Backdraft Damper | 364.71 | 66.59 |
| 23 33 13 23-0092 | EA | 32" x 52" Horizontally Mounted Backdraft Damper | 378.43 | 66.59 |
| 23 33 13 23-0093 | EA | 32" x 56" Horizontally Mounted Backdraft Damper | 403.26 | 70.37 |
| 23 33 13 23-0094 | EA | 32" x 60" Horizontally Mounted Backdraft Damper | 416.98 | 70.37 |
| 23 33 13 23-0095 | EA | 32" x 64" Horizontally Mounted Backdraft Damper | 410.44 | 74.04 |
| 23 33 13 23-0096 | EA | 32" x 68" Horizontally Mounted Backdraft Damper | 422.19 | 74.04 |
| 23 33 13 23-0097 | EA | 32" x 72" Horizontally Mounted Backdraft Damper | 445.07 | 77.71 |
| 23 33 13 23-0098 | EA | 36" x 6" Horizontally Mounted Backdraft Damper | 135.12 | 20.34 |
| 23 33 13 23-0099 | EA | 36" x 8" Horizontally Mounted Backdraft Damper | 179.61 | 25.90 |
| 23 33 13 23-0100 | EA | 36" x 10" Horizontally Mounted Backdraft Damper | 166.11 | 29.57 |
| 23 33 13 23-0101 | EA | 36" x 12" Horizontally Mounted Backdraft Damper | 192.64 | 33.35 |
| 23 33 13 23-0102 | EA | 36" x 14" Horizontally Mounted Backdraft Damper | 219.20 | 37.02 |
| 23 33 13 23-0103 | EA | 36" x 16" Horizontally Mounted Backdraft Damper | 199.34 | 37.02 |
| 23 33 13 23-0104 | EA | 36" x 18" Horizontally Mounted Backdraft Damper | 221.48 | 40.69 |
| 23 33 13 23-0105 | EA | 36" x 20" Horizontally Mounted Backdraft Damper | 243.62 | 44.47 |
| 23 33 13 23-0106 | EA | 36" x 24" Horizontally Mounted Backdraft Damper | 276.79 | 48.14 |
| 23 33 13 23-0107 | EA | 36" x 28" Horizontally Mounted Backdraft Damper | 290.20 | 55.59 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 23-0108 | EA | 36" x 32" Horizontally Mounted Backdraft Damper | 307.84 | 55.59 |
| 23 33 13 23-0109 | EA | 36" x 36" Horizontally Mounted Backdraft Damper | 336.58 | 59.25 |
| 23 33 13 23-0110 | EA | 36" x 40" Horizontally Mounted Backdraft Damper | 365.34 | 62.93 |
| 23 33 13 23-0111 | EA | 36" x 44" Horizontally Mounted Backdraft Damper | 369.84 | 66.59 |
| 23 33 13 23-0112 | EA | 36" x 48" Horizontally Mounted Backdraft Damper | 396.40 | 70.37 |
| 23 33 13 23-0113 | EA | 36" x 52" Horizontally Mounted Backdraft Damper | 411.83 | 70.37 |
| 23 33 13 23-0114 | EA | 36" x 56" Horizontally Mounted Backdraft Damper | 407.50 | 74.04 |
| 23 33 13 23-0115 | EA | 36" x 60" Horizontally Mounted Backdraft Damper | 420.73 | 74.04 |
| 23 33 13 23-0116 | EA | 36" x 64" Horizontally Mounted Backdraft Damper | 445.07 | 77.71 |
| 23 33 13 23-0117 | EA | 36" x 68" Horizontally Mounted Backdraft Damper | 458.29 | 77.71 |
| 23 33 13 23-0118 | EA | 36" x 72" Horizontally Mounted Backdraft Damper | 471.53 | 77.71 |
| 23 33 13 23-0119 | EA | 40" x 6" Horizontally Mounted Backdraft Damper | 148.91 | 22.24 |
| 23 33 13 23-0120 | EA | 40" x 8" Horizontally Mounted Backdraft Damper | 196.48 | 27.80 |
| 23 33 13 23-0121 | EA | 40" x 10" Horizontally Mounted Backdraft Damper | 174.68 | 29.57 |
| 23 33 13 23-0122 | EA | 40" x 12" Horizontally Mounted Backdraft Damper | 202.93 | 33.35 |
| 23 33 13 23-0123 | EA | 40" x 14" Horizontally Mounted Backdraft Damper | 231.19 | 37.02 |
| 23 33 13 23-0124 | EA | 40" x 16" Horizontally Mounted Backdraft Damper | 220.27 | 40.69 |
| 23 33 13 23-0125 | EA | 40" x 18" Horizontally Mounted Backdraft Damper | 243.62 | 44.47 |
| 23 33 13 23-0126 | EA | 40" x 20" Horizontally Mounted Backdraft Damper | 266.98 | 48.14 |
| 23 33 13 23-0127 | EA | 40" x 24" Horizontally Mounted Backdraft Damper | 273.21 | 51.81 |
| 23 33 13 23-0128 | EA | 40" x 28" Horizontally Mounted Backdraft Damper | 303.92 | 55.59 |
| 23 33 13 23-0129 | EA | 40" x 32" Horizontally Mounted Backdraft Damper | 334.63 | 59.25 |
| 23 33 13 23-0130 | EA | 40" x 36" Horizontally Mounted Backdraft Damper | 365.34 | 62.93 |
| 23 33 13 23-0131 | EA | 40" x 40" Horizontally Mounted Backdraft Damper | 371.56 | 66.59 |
| 23 33 13 23-0132 | EA | 40" x 44" Horizontally Mounted Backdraft Damper | 399.82 | 70.37 |
| 23 33 13 23-0133 | EA | 40" x 48" Horizontally Mounted Backdraft Damper | 416.98 | 70.37 |
| 23 33 13 23-0134 | EA | 40" x 50" Horizontally Mounted Backdraft Damper | 406.04 | 74.04 |
| 23 33 13 23-0135 | EA | 44" x 6" Horizontally Mounted Backdraft Damper | 165.57 | 24.01 |
| 23 33 13 23-0136 | EA | 44" x 8" Horizontally Mounted Backdraft Damper | 164.39 | 29.57 |
| 23 33 13 23-0137 | EA | 44" x 10" Horizontally Mounted Backdraft Damper | 194.36 | 33.35 |
| 23 33 13 23-0138 | EA | 44" x 12" Horizontally Mounted Backdraft Damper | 224.34 | 37.02 |
| 23 33 13 23-0139 | EA | 44" x 14" Horizontally Mounted Backdraft Damper | 216.58 | 40.69 |
| 23 33 13 23-0140 | EA | 44" x 16" Horizontally Mounted Backdraft Damper | 241.17 | 44.47 |
| 23 33 13 23-0141 | EA | 44" x 18" Horizontally Mounted Backdraft Damper | 254.65 | 44.47 |
| 23 33 13 23-0142 | EA | 44" x 20" Horizontally Mounted Backdraft Damper | 279.24 | 48.14 |
| 23 33 13 23-0143 | EA | 44" x 24" Horizontally Mounted Backdraft Damper | 296.08 | 55.59 |
| 23 33 13 23-0144 | EA | 44" x 28" Horizontally Mounted Backdraft Damper | 328.75 | 59.25 |
| 23 33 13 23-0145 | EA | 44" x 32" Horizontally Mounted Backdraft Damper | 361.43 | 62.93 |
| 23 33 13 23-0146 | EA | 44" x 36" Horizontally Mounted Backdraft Damper | 369.84 | 66.59 |
| 23 33 13 23-0147 | EA | 44" x 40" Horizontally Mounted Backdraft Damper | 399.82 | 70.37 |
| 23 33 13 23-0148 | EA | 44" x 44" Horizontally Mounted Backdraft Damper | 418.68 | 70.37 |
| 23 33 13 23-0149 | EA | 44" x 48" Horizontally Mounted Backdraft Damper | 416.33 | 74.04 |
| 23 33 13 23-0150 | EA | 44" x 50" Horizontally Mounted Backdraft Damper | 424.39 | 74.04 |
| 23 33 13 23-0151 | EA | 48" x 6" Horizontally Mounted Backdraft Damper | 179.61 | 25.90 |
| 23 33 13 23-0152 | EA | 48" x 8" Horizontally Mounted Backdraft Damper | 171.24 | 29.57 |
| 23 33 13 23-0153 | EA | 48" x 10" Horizontally Mounted Backdraft Damper | 202.93 | 33.35 |
| 23 33 13 23-0154 | EA | 48" x 12" Horizontally Mounted Backdraft Damper | 199.34 | 37.02 |
| 23 33 13 23-0155 | EA | 48" x 14" Horizontally Mounted Backdraft Damper | 225.15 | 40.69 |
| 23 33 13 23-0156 | EA | 48" x 16" Horizontally Mounted Backdraft Damper | 250.98 | 44.47 |
| 23 33 13 23-0157 | EA | 48" x 18" Horizontally Mounted Backdraft Damper | 276.79 | 48.14 |
| 23 33 13 23-0158 | EA | 48" x 20" Horizontally Mounted Backdraft Damper | 273.21 | 51.81 |
| 23 33 13 23-0159 | EA | 48" x 24" Horizontally Mounted Backdraft Damper | 307.84 | 55.59 |
| 23 33 13 23-0160 | EA | 48" x 28" Horizontally Mounted Backdraft Damper | 353.59 | 62.93 |
| 23 33 13 23-0161 | EA | 48" x 32" Horizontally Mounted Backdraft Damper | 364.71 | 66.59 |
| 23 33 13 23-0162 | EA | 48" x 36" Horizontally Mounted Backdraft Damper | 396.40 | 70.37 |
| 23 33 13 23-0163 | EA | 48" x 40" Horizontally Mounted Backdraft Damper | 416.98 | 70.37 |
| 23 33 13 23-0164 | EA | 48" x 44" Horizontally Mounted Backdraft Damper | 416.33 | 74.04 |
| 23 33 13 23-0165 | EA | 48" x 48" Horizontally Mounted Backdraft Damper | 445.07 | 77.71 |
| 23 33 13 23-0166 | EA | 48" x 50" Horizontally Mounted Backdraft Damper | 453.89 | 77.71 |
| 23 33 13 23-0167 | EA | 50" x 6" Horizontally Mounted Backdraft Damper | 183.85 | 25.90 |
| 23 33 13 23-0168 | EA | 50" x 8" Horizontally Mounted Backdraft Damper | 185.79 | 33.35 |
| 23 33 13 23-0169 | EA | 50" x 10" Horizontally Mounted Backdraft Damper | 218.34 | 37.02 |
| 23 33 13 23-0170 | EA | 50" x 12" Horizontally Mounted Backdraft Damper | 214.13 | 40.69 |
| 23 33 13 23-0171 | EA | 50" x 14" Horizontally Mounted Backdraft Damper | 240.57 | 44.47 |
| 23 33 13 23-0172 | EA | 50" x 16" Horizontally Mounted Backdraft Damper | 266.98 | 48.14 |
| 23 33 13 23-0173 | EA | 50" x 18" Horizontally Mounted Backdraft Damper | 293.41 | 51.81 |
| 23 33 13 23-0174 | EA | 50" x 20" Horizontally Mounted Backdraft Damper | 289.21 | 55.59 |
| 23 33 13 23-0175 | EA | 50" x 24" Horizontally Mounted Backdraft Damper | 324.83 | 59.25 |
| 23 33 13 23-0176 | EA | 50" x 28" Horizontally Mounted Backdraft Damper | 360.44 | 62.93 |
| 23 33 13 23-0177 | EA | 50" x 32" Horizontally Mounted Backdraft Damper | 371.56 | 66.59 |
| 23 33 13 23-0178 | EA | 50" x 36" Horizontally Mounted Backdraft Damper | 404.12 | 70.37 |
| 23 33 13 23-0179 | EA | 50" x 40" Horizontally Mounted Backdraft Damper | 406.04 | 74.04 |
| 23 33 13 23-0180 | EA | 50" x 44" Horizontally Mounted Backdraft Damper | 424.39 | 74.04 |
| 23 33 13 23-0181 | EA | 50" x 48" Horizontally Mounted Backdraft Damper | 453.89 | 77.71 |
| 23 33 13 23-0182 | EA | 50" x 50" Horizontally Mounted Backdraft Damper | 463.07 | 77.71 |

### 23 33 13 23-0183 Vertically Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

| | | | | |
|---|---|---|---|---|
| 23 33 13 23-0184 | EA | 6" x 6" Vertically Mounted Backdraft Damper | 81.07 | 12.34 |
| 23 33 13 23-0185 | EA | 8" x 6" Vertically Mounted Backdraft Damper | 97.43 | 12.89 |
| 23 33 13 23-0186 | EA | 10" x 6" Vertically Mounted Backdraft Damper | 100.10 | 13.00 |
| 23 33 13 23-0187 | EA | 8" x 8" Vertically Mounted Backdraft Damper | 104.18 | 13.00 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 23-0188 | EA | 12" x 6" Vertically Mounted Backdraft Damper | 113.46 | 13.35 |
| 23 33 13 23-0189 | EA | 10" x 8" Vertically Mounted Backdraft Damper | 126.06 | 14.79 |
| 23 33 13 23-0190 | EA | 14" x 6" Vertically Mounted Backdraft Damper | 125.70 | 13.35 |
| 23 33 13 23-0191 | EA | 12" x 8" Vertically Mounted Backdraft Damper | 142.37 | 14.79 |
| 23 33 13 23-0192 | EA | 16" x 6" Vertically Mounted Backdraft Damper | 144.59 | 15.56 |
| 23 33 13 23-0193 | EA | 10" x 10" Vertically Mounted Backdraft Damper | 152.01 | 16.68 |
| 23 33 13 23-0194 | EA | 18" x 6" Vertically Mounted Backdraft Damper | 122.76 | 14.12 |
| 23 33 13 23-0195 | EA | 14" x 8" Vertically Mounted Backdraft Damper | 130.19 | 15.56 |
| 23 33 13 23-0196 | EA | 12" x 10" Vertically Mounted Backdraft Damper | 139.49 | 16.68 |
| 23 33 13 23-0197 | EA | 20" x 6" Vertically Mounted Backdraft Damper | 145.05 | 18.56 |
| 23 33 13 23-0198 | EA | 16" x 8" Vertically Mounted Backdraft Damper | 156.57 | 20.34 |
| 23 33 13 23-0199 | EA | 14" x 10" Vertically Mounted Backdraft Damper | 148.83 | 14.79 |
| 23 33 13 23-0200 | EA | 12" x 12" Vertically Mounted Backdraft Damper | 157.38 | 16.68 |
| 23 33 13 23-0201 | EA | 18" x 8" Vertically Mounted Backdraft Damper | 141.04 | 18.56 |
| 23 33 13 23-0202 | EA | 24" x 6" Vertically Mounted Backdraft Damper | 141.04 | 18.56 |
| 23 33 13 23-0203 | EA | 16" x 10" Vertically Mounted Backdraft Damper | 156.09 | 20.34 |
| 23 33 13 23-0204 | EA | 20" x 8" Vertically Mounted Backdraft Damper | 161.65 | 22.24 |
| 23 33 13 23-0205 | EA | 14" x 12" Vertically Mounted Backdraft Damper | 146.37 | 15.56 |
| 23 33 13 23-0206 | EA | 28" x 6" Vertically Mounted Backdraft Damper | 149.71 | 16.68 |
| 23 33 13 23-0207 | EA | 18" x 10" Vertically Mounted Backdraft Damper | 162.39 | 18.56 |
| 23 33 13 23-0208 | EA | 16" x 12" Vertically Mounted Backdraft Damper | 175.07 | 20.34 |
| 23 33 13 23-0209 | EA | 24" x 8" Vertically Mounted Backdraft Damper | 180.63 | 22.24 |
| 23 33 13 23-0210 | EA | 32" x 6" Vertically Mounted Backdraft Damper | 186.18 | 24.01 |
| 23 33 13 23-0211 | EA | 14" x 14" Vertically Mounted Backdraft Damper | 199.68 | 27.80 |
| 23 33 13 23-0212 | EA | 20" x 10" Vertically Mounted Backdraft Damper | 199.37 | 29.57 |
| 23 33 13 23-0213 | EA | 18" x 12" Vertically Mounted Backdraft Damper | 219.32 | 33.35 |
| 23 33 13 23-0214 | EA | 36" x 6" Vertically Mounted Backdraft Damper | 169.30 | 16.68 |
| 23 33 13 23-0215 | EA | 16" x 14" Vertically Mounted Backdraft Damper | 179.28 | 18.56 |
| 23 33 13 23-0216 | EA | 28" x 8" Vertically Mounted Backdraft Damper | 184.84 | 20.34 |
| 23 33 13 23-0217 | EA | 20" x 12" Vertically Mounted Backdraft Damper | 199.22 | 22.24 |
| 23 33 13 23-0218 | EA | 24" x 10" Vertically Mounted Backdraft Damper | 204.77 | 24.01 |
| 23 33 13 23-0219 | EA | 40" x 6" Vertically Mounted Backdraft Damper | 210.33 | 25.90 |
| 23 33 13 23-0220 | EA | 18" x 14" Vertically Mounted Backdraft Damper | 228.09 | 29.57 |
| 23 33 13 23-0221 | EA | 16" x 16" Vertically Mounted Backdraft Damper | 230.29 | 29.57 |
| 23 33 13 23-0222 | EA | 32" x 8" Vertically Mounted Backdraft Damper | 241.40 | 33.35 |
| 23 33 13 23-0223 | EA | 44" x 6" Vertically Mounted Backdraft Damper | 256.94 | 37.02 |
| 23 33 13 23-0224 | EA | 20" x 14" Vertically Mounted Backdraft Damper | 276.89 | 40.69 |
| 23 33 13 23-0225 | EA | 28" x 10" Vertically Mounted Backdraft Damper | 288.01 | 44.47 |
| 23 33 13 23-0226 | EA | 18" x 16" Vertically Mounted Backdraft Damper | 214.61 | 18.56 |
| 23 33 13 23-0227 | EA | 24" x 12" Vertically Mounted Backdraft Damper | 220.17 | 20.34 |
| 23 33 13 23-0228 | EA | 36" x 8" Vertically Mounted Backdraft Damper | 225.73 | 22.24 |
| 23 33 13 23-0229 | EA | 48" x 6" Vertically Mounted Backdraft Damper | 231.28 | 24.01 |
| 23 33 13 23-0230 | EA | 50" x 6" Vertically Mounted Backdraft Damper | 249.02 | 27.80 |
| 23 33 13 23-0231 | EA | 20" x 16" Vertically Mounted Backdraft Damper | 265.62 | 29.57 |
| 23 33 13 23-0232 | EA | 32" x 10" Vertically Mounted Backdraft Damper | 276.73 | 33.35 |
| 23 33 13 23-0233 | EA | 40" x 8" Vertically Mounted Backdraft Damper | 276.73 | 33.35 |
| 23 33 13 23-0234 | EA | 18" x 18" Vertically Mounted Backdraft Damper | 252.52 | 37.02 |
| 23 33 13 23-0235 | EA | 24" x 14" Vertically Mounted Backdraft Damper | 244.01 | 40.69 |
| 23 33 13 23-0236 | EA | 28" x 12" Vertically Mounted Backdraft Damper | 255.13 | 44.47 |
| 23 33 13 23-0237 | EA | 44" x 8" Vertically Mounted Backdraft Damper | 272.05 | 48.14 |
| 23 33 13 23-0238 | EA | 18" x 20" Vertically Mounted Backdraft Damper | 286.05 | 51.81 |
| 23 33 13 23-0239 | EA | 20" x 18" Vertically Mounted Backdraft Damper | 297.17 | 55.59 |
| 23 33 13 23-0240 | EA | 36" x 10" Vertically Mounted Backdraft Damper | 297.17 | 55.59 |
| 23 33 13 23-0241 | EA | 24" x 16" Vertically Mounted Backdraft Damper | 194.70 | 18.56 |
| 23 33 13 23-0242 | EA | 32" x 12" Vertically Mounted Backdraft Damper | 200.26 | 20.34 |
| 23 33 13 23-0243 | EA | 48" x 8" Vertically Mounted Backdraft Damper | 211.37 | 24.01 |
| 23 33 13 23-0244 | EA | 28" x 14" Vertically Mounted Backdraft Damper | 225.39 | 27.80 |
| 23 33 13 23-0245 | EA | 20" x 20" Vertically Mounted Backdraft Damper | 233.85 | 29.57 |
| 23 33 13 23-0246 | EA | 40" x 10" Vertically Mounted Backdraft Damper | 244.96 | 33.35 |
| 23 33 13 23-0247 | EA | 50" x 8" Vertically Mounted Backdraft Damper | 256.08 | 37.02 |
| 23 33 13 23-0248 | EA | 18" x 24" Vertically Mounted Backdraft Damper | 267.67 | 37.02 |
| 23 33 13 23-0249 | EA | 24" x 18" Vertically Mounted Backdraft Damper | 278.79 | 40.69 |
| 23 33 13 23-0250 | EA | 36" x 12" Vertically Mounted Backdraft Damper | 289.91 | 44.47 |
| 23 33 13 23-0251 | EA | 44" x 10" Vertically Mounted Backdraft Damper | 303.93 | 48.14 |
| 23 33 13 23-0252 | EA | 28" x 16" Vertically Mounted Backdraft Damper | 329.06 | 55.59 |
| 23 33 13 23-0253 | EA | 32" x 14" Vertically Mounted Backdraft Damper | 329.06 | 55.59 |
| 23 33 13 23-0254 | EA | 20" x 24" Vertically Mounted Backdraft Damper | 353.22 | 59.25 |
| 23 33 13 23-0255 | EA | 24" x 20" Vertically Mounted Backdraft Damper | 337.65 | 62.93 |
| 23 33 13 23-0256 | EA | 40" x 12" Vertically Mounted Backdraft Damper | 337.65 | 62.93 |
| 23 33 13 23-0257 | EA | 48" x 10" Vertically Mounted Backdraft Damper | 348.77 | 66.59 |
| 23 33 13 23-0258 | EA | 50" x 10" Vertically Mounted Backdraft Damper | 354.96 | 66.59 |
| 23 33 13 23-0259 | EA | 28" x 18" Vertically Mounted Backdraft Damper | 217.22 | 20.34 |
| 23 33 13 23-0260 | EA | 36" x 14" Vertically Mounted Backdraft Damper | 228.33 | 24.01 |
| 23 33 13 23-0261 | EA | 32" x 16" Vertically Mounted Backdraft Damper | 236.38 | 25.90 |
| 23 33 13 23-0262 | EA | 44" x 12" Vertically Mounted Backdraft Damper | 252.44 | 29.57 |
| 23 33 13 23-0263 | EA | 20" x 28" Vertically Mounted Backdraft Damper | 273.46 | 33.35 |
| 23 33 13 23-0264 | EA | 28" x 20" Vertically Mounted Backdraft Damper | 284.58 | 37.02 |
| 23 33 13 23-0265 | EA | 40" x 14" Vertically Mounted Backdraft Damper | 284.58 | 37.02 |
| 23 33 13 23-0266 | EA | 24" x 24" Vertically Mounted Backdraft Damper | 300.66 | 40.69 |
| 23 33 13 23-0267 | EA | 32" x 18" Vertically Mounted Backdraft Damper | 311.78 | 44.47 |
| 23 33 13 23-0268 | EA | 36" x 16" Vertically Mounted Backdraft Damper | 322.90 | 48.14 |
| 23 33 13 23-0269 | EA | 48" x 12" Vertically Mounted Backdraft Damper | 345.13 | 55.59 |
| 23 33 13 23-0270 | EA | 50" x 12" Vertically Mounted Backdraft Damper | 352.57 | 55.59 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 23-0271 | EA | 44" x 14" Vertically Mounted Backdraft Damper | 368.64 | 59.25 |
| 23 33 13 23-0272 | EA | 20" x 32" Vertically Mounted Backdraft Damper | 387.19 | 62.93 |
| 23 33 13 23-0273 | EA | 32" x 20" Vertically Mounted Backdraft Damper | 398.31 | 66.59 |
| 23 33 13 23-0274 | EA | 40" x 16" Vertically Mounted Backdraft Damper | 398.31 | 66.59 |
| 23 33 13 23-0275 | EA | 36" x 18" Vertically Mounted Backdraft Damper | 411.90 | 70.37 |
| 23 33 13 23-0276 | EA | 24" x 28" Vertically Mounted Backdraft Damper | 420.58 | 70.37 |
| 23 33 13 23-0277 | EA | 28" x 24" Vertically Mounted Backdraft Damper | 413.73 | 74.04 |
| 23 33 13 23-0278 | EA | 48" x 14" Vertically Mounted Backdraft Damper | 413.73 | 74.04 |
| 23 33 13 23-0279 | EA | 50" x 14" Vertically Mounted Backdraft Damper | 432.83 | 77.71 |
| 23 33 13 23-0280 | EA | 44" x 16" Vertically Mounted Backdraft Damper | 261.65 | 20.34 |
| 23 33 13 23-0281 | EA | 20" x 36" Vertically Mounted Backdraft Damper | 282.88 | 25.90 |
| 23 33 13 23-0282 | EA | 36" x 20" Vertically Mounted Backdraft Damper | 294.00 | 29.57 |
| 23 33 13 23-0283 | EA | 40" x 18" Vertically Mounted Backdraft Damper | 305.11 | 33.35 |
| 23 33 13 23-0284 | EA | 24" x 32" Vertically Mounted Backdraft Damper | 329.90 | 37.02 |
| 23 33 13 23-0285 | EA | 32" x 24" Vertically Mounted Backdraft Damper | 329.90 | 37.02 |
| 23 33 13 23-0286 | EA | 48" x 16" Vertically Mounted Backdraft Damper | 341.02 | 40.69 |
| 23 33 13 23-0287 | EA | 28" x 28" Vertically Mounted Backdraft Damper | 356.70 | 44.47 |
| 23 33 13 23-0288 | EA | 44" x 18" Vertically Mounted Backdraft Damper | 370.09 | 48.14 |
| 23 33 13 23-0289 | EA | 40" x 20" Vertically Mounted Backdraft Damper | 394.60 | 55.59 |
| 23 33 13 23-0290 | EA | 50" x 16" Vertically Mounted Backdraft Damper | 394.60 | 55.59 |
| 23 33 13 23-0291 | EA | 24" x 36" Vertically Mounted Backdraft Damper | 423.95 | 59.25 |
| 23 33 13 23-0292 | EA | 36" x 24" Vertically Mounted Backdraft Damper | 435.07 | 62.93 |
| 23 33 13 23-0293 | EA | 48" x 18" Vertically Mounted Backdraft Damper | 446.19 | 66.59 |
| 23 33 13 23-0294 | EA | 44" x 20" Vertically Mounted Backdraft Damper | 461.87 | 70.37 |
| 23 33 13 23-0295 | EA | 28" x 32" Vertically Mounted Backdraft Damper | 466.43 | 70.37 |
| 23 33 13 23-0296 | EA | 32" x 28" Vertically Mounted Backdraft Damper | 477.53 | 74.04 |
| 23 33 13 23-0297 | EA | 50" x 18" Vertically Mounted Backdraft Damper | 478.66 | 74.04 |
| 23 33 13 23-0298 | EA | 24" x 40" Vertically Mounted Backdraft Damper | 506.87 | 77.71 |
| 23 33 13 23-0299 | EA | 40" x 24" Vertically Mounted Backdraft Damper | 506.87 | 77.71 |
| 23 33 13 23-0300 | EA | 48" x 20" Vertically Mounted Backdraft Damper | 506.87 | 77.71 |
| 23 33 13 23-0301 | EA | 50" x 20" Vertically Mounted Backdraft Damper | 351.51 | 22.24 |
| 23 33 13 23-0302 | EA | 28" x 36" Vertically Mounted Backdraft Damper | 370.46 | 27.80 |
| 23 33 13 23-0303 | EA | 36" x 28" Vertically Mounted Backdraft Damper | 376.02 | 29.57 |
| 23 33 13 23-0304 | EA | 32" x 32" Vertically Mounted Backdraft Damper | 391.69 | 33.35 |
| 23 33 13 23-0305 | EA | 24" x 44" Vertically Mounted Backdraft Damper | 379.41 | 37.02 |
| 23 33 13 23-0306 | EA | 44" x 24" Vertically Mounted Backdraft Damper | 390.53 | 40.69 |
| 23 33 13 23-0307 | EA | 28" x 40" Vertically Mounted Backdraft Damper | 417.89 | 44.47 |
| 23 33 13 23-0308 | EA | 40" x 28" Vertically Mounted Backdraft Damper | 429.01 | 48.14 |
| 23 33 13 23-0309 | EA | 24" x 48" Vertically Mounted Backdraft Damper | 448.26 | 51.81 |
| 23 33 13 23-0310 | EA | 32" x 36" Vertically Mounted Backdraft Damper | 459.38 | 55.59 |
| 23 33 13 23-0311 | EA | 36" x 32" Vertically Mounted Backdraft Damper | 470.50 | 59.25 |
| 23 33 13 23-0312 | EA | 48" x 24" Vertically Mounted Backdraft Damper | 481.62 | 62.93 |
| 23 33 13 23-0313 | EA | 50" x 24" Vertically Mounted Backdraft Damper | 504.93 | 66.59 |
| 23 33 13 23-0314 | EA | 28" x 44" Vertically Mounted Backdraft Damper | 524.17 | 70.37 |
| 23 33 13 23-0315 | EA | 44" x 28" Vertically Mounted Backdraft Damper | 524.17 | 70.37 |
| 23 33 13 23-0316 | EA | 32" x 40" Vertically Mounted Backdraft Damper | 547.47 | 74.04 |
| 23 33 13 23-0317 | EA | 40" x 32" Vertically Mounted Backdraft Damper | 397.39 | 24.01 |
| 23 33 13 23-0318 | EA | 36" x 36" Vertically Mounted Backdraft Damper | 418.13 | 29.57 |
| 23 33 13 23-0319 | EA | 28" x 48" Vertically Mounted Backdraft Damper | 441.43 | 33.35 |
| 23 33 13 23-0320 | EA | 48" x 28" Vertically Mounted Backdraft Damper | 452.55 | 37.02 |
| 23 33 13 23-0321 | EA | 50" x 28" Vertically Mounted Backdraft Damper | 477.89 | 40.69 |
| 23 33 13 23-0322 | EA | 32" x 44" Vertically Mounted Backdraft Damper | 491.05 | 44.47 |
| 23 33 13 23-0323 | EA | 44" x 32" Vertically Mounted Backdraft Damper | 491.05 | 44.47 |
| 23 33 13 23-0324 | EA | 36" x 40" Vertically Mounted Backdraft Damper | 511.32 | 48.14 |
| 23 33 13 23-0325 | EA | 40" x 36" Vertically Mounted Backdraft Damper | 495.95 | 55.59 |
| 23 33 13 23-0326 | EA | 28" x 52" Vertically Mounted Backdraft Damper | 510.72 | 59.25 |
| 23 33 13 23-0327 | EA | 32" x 48" Vertically Mounted Backdraft Damper | 540.13 | 62.93 |
| 23 33 13 23-0328 | EA | 48" x 32" Vertically Mounted Backdraft Damper | 551.25 | 66.59 |
| 23 33 13 23-0329 | EA | 28" x 56" Vertically Mounted Backdraft Damper | 569.69 | 70.37 |
| 23 33 13 23-0330 | EA | 36" x 44" Vertically Mounted Backdraft Damper | 573.36 | 70.37 |
| 23 33 13 23-0331 | EA | 44" x 36" Vertically Mounted Backdraft Damper | 584.46 | 74.04 |
| 23 33 13 23-0332 | EA | 40" x 40" Vertically Mounted Backdraft Damper | 588.11 | 74.04 |
| 23 33 13 23-0333 | EA | 50" x 32" Vertically Mounted Backdraft Damper | 443.59 | 25.90 |
| 23 33 13 23-0334 | EA | 32" x 52" Vertically Mounted Backdraft Damper | 469.34 | 29.57 |
| 23 33 13 23-0335 | EA | 28" x 60" Vertically Mounted Backdraft Damper | 484.10 | 33.35 |
| 23 33 13 23-0336 | EA | 36" x 48" Vertically Mounted Backdraft Damper | 506.21 | 37.02 |
| 23 33 13 23-0337 | EA | 48" x 36" Vertically Mounted Backdraft Damper | 517.33 | 40.69 |
| 23 33 13 23-0338 | EA | 40" x 44" Vertically Mounted Backdraft Damper | 535.77 | 44.47 |
| 23 33 13 23-0339 | EA | 44" x 40" Vertically Mounted Backdraft Damper | 546.89 | 48.14 |
| 23 33 13 23-0340 | EA | 32" x 56" Vertically Mounted Backdraft Damper | 565.30 | 51.81 |
| 23 33 13 23-0341 | EA | 50" x 36" Vertically Mounted Backdraft Damper | 532.53 | 55.59 |
| 23 33 13 23-0342 | EA | 36" x 52" Vertically Mounted Backdraft Damper | 569.40 | 62.93 |
| 23 33 13 23-0343 | EA | 32" x 60" Vertically Mounted Backdraft Damper | 590.27 | 66.59 |
| 23 33 13 23-0344 | EA | 40" x 48" Vertically Mounted Backdraft Damper | 601.39 | 70.37 |
| 23 33 13 23-0345 | EA | 48" x 40" Vertically Mounted Backdraft Damper | 601.39 | 70.37 |
| 23 33 13 23-0346 | EA | 44" x 44" Vertically Mounted Backdraft Damper | 615.75 | 74.04 |
| 23 33 13 23-0347 | EA | 40" x 50" Vertically Mounted Backdraft Damper | 639.88 | 77.71 |
| 23 33 13 23-0348 | EA | 50" x 40" Vertically Mounted Backdraft Damper | 639.88 | 77.71 |
| 23 33 13 23-0349 | EA | 36" x 56" Vertically Mounted Backdraft Damper | 487.48 | 25.90 |
| 23 33 13 23-0350 | EA | 32" x 64" Vertically Mounted Backdraft Damper | 516.22 | 33.35 |
| 23 33 13 23-0351 | EA | 44" x 48" Vertically Mounted Backdraft Damper | 540.35 | 37.02 |
| 23 33 13 23-0352 | EA | 48" x 44" Vertically Mounted Backdraft Damper | 551.47 | 40.69 |
| 23 33 13 23-0353 | EA | 36" x 60" Vertically Mounted Backdraft Damper | 572.34 | 44.47 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 13 23-0354 | EA | 32" x 68" Vertically Mounted Backdraft Damper | 586.71 | 48.14 |
| 23 33 13 23-0355 | EA | 44" x 50" Vertically Mounted Backdraft Damper | 546.81 | 51.81 |
| 23 33 13 23-0356 | EA | 50" x 44" Vertically Mounted Backdraft Damper | 557.93 | 55.59 |
| 23 33 13 23-0357 | EA | 32" x 72" Vertically Mounted Backdraft Damper | 587.54 | 59.25 |
| 23 33 13 23-0358 | EA | 36" x 64" Vertically Mounted Backdraft Damper | 598.66 | 62.93 |
| 23 33 13 23-0359 | EA | 48" x 48" Vertically Mounted Backdraft Damper | 609.78 | 66.59 |
| 23 33 13 23-0360 | EA | 48" x 50" Vertically Mounted Backdraft Damper | 637.96 | 70.37 |
| 23 33 13 23-0361 | EA | 50" x 48" Vertically Mounted Backdraft Damper | 649.06 | 74.04 |
| 23 33 13 23-0362 | EA | 36" x 68" Vertically Mounted Backdraft Damper | 657.60 | 74.04 |
| 23 33 13 23-0363 | EA | 50" x 50" Vertically Mounted Backdraft Damper | 677.97 | 77.71 |
| 23 33 13 23-0364 | EA | 36" x 72" Vertically Mounted Backdraft Damper | 694.32 | 77.71 |
| 23 33 13 23-0365 | | Backdraft Damper Accessories *(23 33 13 23)* | | |
| 23 33 13 23-0366 | EA | For Motor Pack For Horizontally Mounted Backdraft Damper | 185.70 | 27.55 |
| 23 33 13 23-0367 | EA | For Motor Pack For Vertically Mounted Backdraft Damper | 305.58 | 27.55 |
| **23 33 13 33** | | **Splitter Damper Hardware** *(23 33 13)* | | |
| 23 33 13 33-0001 | EA | Splitter Damper, Hardware | 39.13 | 7.77 |
| **23 33 13 43** | | **Blower Check Valve** *(23 33 13)* | | |
| 23 33 13 43-0001 | | Blower Check Valves With Silicone Seals *(23 33 13 43)* | | |
| 23 33 13 43-0002 | EA | 2-1/2" Blower Check Valves, Silicone Seals | 217.40 | 28.68 |
| 23 33 13 43-0003 | EA | 3" Blower Check Valves, Silicone Seals | 242.94 | 32.68 |
| 23 33 13 43-0004 | EA | 4" Blower Check Valves, Silicone Seals | 312.43 | 43.36 |
| 23 33 13 43-0005 | EA | 5" Blower Check Valves, Silicone Seals | 428.85 | 50.03 |
| 23 33 13 43-0006 | EA | 6" Blower Check Valves, Silicone Seals | 481.66 | 60.04 |
| 23 33 13 43-0007 | EA | 8" Blower Check Valves, Silicone Seals | 714.07 | 76.04 |
| 23 33 13 43-0008 | | Blower Check Valves With Viton Seats *(23 33 13 43)* | | |
| 23 33 13 43-0009 | EA | 2-1/2" Blower Check Valves, Viton Seats | 297.48 | 28.68 |
| 23 33 13 43-0010 | EA | 3" Blower Check Valves, Viton Seats | 338.12 | 32.68 |
| 23 33 13 43-0011 | EA | 4" Blower Check Valves, Viton Seats | 378.70 | 43.36 |
| 23 33 13 43-0012 | EA | 5" Blower Check Valves, Viton Seats | 528.07 | 50.03 |
| 23 33 13 43-0013 | EA | 6" Blower Check Valves, Viton Seats | 591.18 | 60.04 |
| 23 33 13 43-0014 | EA | 8" Blower Check Valves, Viton Seats | 907.81 | 76.04 |
| **23 33 19** | | **Duct Silencers** *(23 33)* | | |
| 23 33 19 00-0001 | | 36" Long Packaged Duct Sound Trap *(23 33 19)* | | |
| 23 33 19 00-0002 | EA | 12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 347.57 | 45.49 |
| 23 33 19 00-0003 | EA | 12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 418.48 | 52.14 |
| 23 33 19 00-0004 | EA | 12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 545.49 | 59.91 |
| 23 33 19 00-0005 | EA | 12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 665.30 | 67.68 |
| 23 33 19 00-0006 | EA | 24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 614.01 | 67.68 |
| 23 33 19 00-0007 | EA | 24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 789.38 | 71.00 |
| 23 33 19 00-0008 | EA | 24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 873.08 | 75.44 |
| 23 33 19 00-0009 | EA | 24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 959.01 | 79.88 |
| 23 33 19 00-0010 | EA | 24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,262.63 | 90.97 |
| 23 33 19 00-0011 | EA | 36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 782.53 | 75.44 |
| 23 33 19 00-0012 | EA | 36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,060.39 | 90.97 |
| 23 33 19 00-0013 | EA | 36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,890.72 | 122.04 |
| 23 33 19 00-0014 | EA | 36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 2,093.78 | 128.69 |
| 23 33 19 00-0015 | EA | 48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 2,338.71 | 138.68 |
| 23 33 19 00-0016 | EA | 48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator | 2,627.61 | 150.89 |
| 23 33 19 00-0017 | | 60" Long Packaged Duct Sound Trap *(23 33 19)* | | |
| 23 33 19 00-0018 | EA | 12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 388.36 | 99.85 |
| 23 33 19 00-0019 | EA | 12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 468.89 | 115.38 |
| 23 33 19 00-0020 | EA | 12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 612.72 | 133.13 |
| 23 33 19 00-0021 | EA | 12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 747.42 | 149.78 |
| 23 33 19 00-0022 | EA | 24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 689.11 | 149.78 |
| 23 33 19 00-0023 | EA | 24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 889.84 | 158.64 |
| 23 33 19 00-0024 | EA | 24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 981.15 | 166.41 |
| 23 33 19 00-0025 | EA | 24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,074.13 | 175.29 |
| 23 33 19 00-0026 | EA | 24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,421.61 | 199.70 |
| 23 33 19 00-0027 | EA | 36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 878.25 | 166.41 |
| 23 33 19 00-0028 | EA | 36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,191.78 | 199.70 |
| 23 33 19 00-0029 | EA | 36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 2,120.57 | 262.93 |
| 23 33 19 00-0030 | EA | 36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 2,368.01 | 285.13 |
| 23 33 19 00-0031 | EA | 48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 2,632.41 | 302.87 |
| 23 33 19 00-0032 | EA | 48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator | 2,963.91 | 332.84 |
| 23 33 19 00-0033 | | 84" Long Packaged Duct Sound Trap *(23 33 19)* | | |
| 23 33 19 00-0034 | EA | 6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 334.49 | 83.21 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 19 00-0035 | EA | 6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 575.49 | 124.26 |
| 23 33 19 00-0036 | EA | 6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 802.16 | 181.95 |
| 23 33 19 00-0037 | EA | 12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 453.54 | 99.85 |
| 23 33 19 00-0038 | EA | 12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 564.93 | 115.38 |
| 23 33 19 00-0039 | EA | 12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 770.51 | 133.13 |
| 23 33 19 00-0040 | EA | 12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 913.01 | 143.12 |
| 23 33 19 00-0041 | EA | 12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 996.69 | 154.21 |
| 23 33 19 00-0042 | EA | 12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,259.00 | 166.41 |
| 23 33 19 00-0043 | EA | 12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,491.63 | 181.95 |
| 23 33 19 00-0044 | EA | 24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 852.63 | 154.21 |
| 23 33 19 00-0045 | EA | 24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,224.24 | 160.87 |
| 23 33 19 00-0046 | EA | 24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,337.90 | 166.41 |
| 23 33 19 00-0047 | EA | 24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,458.31 | 175.29 |
| 23 33 19 00-0048 | EA | 24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,834.63 | 188.61 |
| 23 33 19 00-0049 | EA | 24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator | 1,991.02 | 199.70 |

## 23 33 23 Turning Vanes *(23 33)*

### 23 33 23 00-0001 Duct Turning Vane Components *(23 33 23)*

| | | | | |
|---|---|---|---|---|
| 23 33 23 00-0002 | LF | Duct Turning Vane Rail | 11.72 | 2.77 |
| | | *For Stainless Steel, Add* | *7.76* | |
| 23 33 23 00-0003 | LF | Double Thick Factory Fabricated, Duct Turning Vane | 11.29 | 1.11 |
| | | *For Stainless Steel, Add* | *11.69* | |

### 23 33 23 00-0004 Duct Turning Vane Sets *(23 33 23)*

Note: Measured from inside corner to outside corner of ductwork.

| | | | | |
|---|---|---|---|---|
| 23 33 23 00-0005 | LF | 12" High Duct Turning Vanes, Sets | 46.49 | 4.16 |
| | | *For Stainless Steel, Add* | *53.68* | |
| 23 33 23 00-0006 | LF | 14" High Duct Turning Vanes, Sets | 57.78 | 4.43 |
| | | *For Stainless Steel, Add* | *67.90* | |
| 23 33 23 00-0007 | LF | 16" High Duct Turning Vanes, Sets | 78.99 | 4.65 |
| | | *For Stainless Steel, Add* | *95.06* | |
| 23 33 23 00-0008 | LF | 18" High Duct Turning Vanes, Sets | 100.26 | 5.00 |
| | | *For Stainless Steel, Add* | *122.23* | |
| 23 33 23 00-0009 | LF | 20" High Duct Turning Vanes, Sets | 111.11 | 5.33 |
| | | *For Stainless Steel, Add* | *135.79* | |
| 23 33 23 00-0010 | LF | 22" High Duct Turning Vanes, Sets | 142.04 | 5.00 |
| | | *For Stainless Steel, Add* | *176.55* | |
| 23 33 23 00-0011 | LF | 24" High Duct Turning Vanes, Sets | 174.54 | 5.88 |
| | | *For Stainless Steel, Add* | *217.28* | |
| 23 33 23 00-0012 | LF | 26" High Duct Turning Vanes, Sets | 187.40 | 6.15 |
| | | *For Stainless Steel, Add* | *233.64* | |
| 23 33 23 00-0013 | LF | 30" High Duct Turning Vanes, Sets | 209.28 | 6.39 |
| | | *For Stainless Steel, Add* | *261.68* | |

## 23 33 33 Duct-Mounting Access Doors *(23 33)*

### 23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*

| | | | | |
|---|---|---|---|---|
| 23 33 33 00-0002 | EA | 6" x 6" Duct Access Doors Insulated Factory Fabrication | 83.21 | 15.54 |
| | | *For Stainless Steel, Add* | *41.60* | |
| 23 33 33 00-0003 | EA | 10" x 10" Duct Access Doors Insulated Factory Fabrication | 87.58 | 15.54 |
| | | *For Stainless Steel, Add* | *50.34* | |
| 23 33 33 00-0004 | EA | 12" x 12" Duct Access Doors Insulated Factory Fabrication | 89.71 | 15.54 |
| | | *For Stainless Steel, Add* | *54.60* | |
| 23 33 33 00-0005 | EA | 12" x 18" Duct Access Doors Insulated Factory Fabrication | 115.30 | 18.86 |
| | | *For Stainless Steel, Add* | *77.00* | |
| 23 33 33 00-0006 | EA | 16" x 12" Duct Access Doors Insulated Factory Fabrication | 116.16 | 18.86 |
| | | *For Stainless Steel, Add* | *78.72* | |
| 23 33 33 00-0007 | EA | 18" x 18" Duct Access Doors Insulated Factory Fabrication | 145.15 | 25.52 |
| | | *For Stainless Steel, Add* | *90.60* | |
| 23 33 33 00-0008 | EA | 24" x 18" Duct Access Doors Insulated Factory Fabrication | 173.59 | 31.06 |
| | | *For Stainless Steel, Add* | *97.56* | |
| 23 33 33 00-0009 | EA | 24" x 24" Duct Access Doors Insulated Factory Fabrication | 226.31 | 42.15 |
| | | *For Stainless Steel, Add* | *119.80* | |

## 23 33 43 Flexible Connectors *(23 33)*

| | | | | |
|---|---|---|---|---|
| 23 33 43 00-0001 | LF | 6-1/2" Width, Galvanized Steel, Flexible Duct Connector | 13.80 | 3.32 |
| 23 33 43 00-0002 | LF | 5-3/4" Width, Vinyl/Steel, Flexible Duct Connector | 14.11 | 2.99 |

## 23 33 46 Flexible Ducts *(23 33)*

### 23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

| | | | | |
|---|---|---|---|---|
| 23 33 46 00-0002 | LF | 4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 6.21 | 1.11 |
| 23 33 46 00-0003 | LF | 5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 6.93 | 2.22 |
| 23 33 46 00-0004 | LF | 6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 7.95 | 2.22 |
| 23 33 46 00-0005 | LF | 7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 9.30 | 2.22 |
| 23 33 46 00-0006 | LF | 8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 11.19 | 3.32 |
| 23 33 46 00-0007 | LF | 10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 14.38 | 3.32 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 33 46 00-0008 | LF | 12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 19.69 | 4.43 |
| 23 33 46 00-0009 | LF | 14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 24.55 | 4.43 |
| 23 33 46 00-0010 | LF | 16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket | 32.44 | 5.55 |

### 23 33 46 00-0011 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

| | | | | |
|---|---|---|---|---|
| 23 33 46 00-0012 | EA | Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 47.48 | 6.66 |
| | | *For Stainless Steel, Add* | *29.26* | |
| 23 33 46 00-0013 | EA | 5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 51.34 | 7.77 |
| | | *For Stainless Steel, Add* | *29.65* | |
| 23 33 46 00-0014 | EA | 6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 58.43 | 7.77 |
| | | *For Stainless Steel, Add* | *32.70* | |
| 23 33 46 00-0015 | EA | 7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 65.89 | 9.98 |
| | | *For Stainless Steel, Add* | *33.74* | |
| 23 33 46 00-0016 | EA | 8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 79.24 | 12.20 |
| | | *For Stainless Steel, Add* | *38.12* | |
| 23 33 46 00-0017 | EA | 10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 93.20 | 14.43 |
| | | *For Stainless Steel, Add* | *46.98* | |
| 23 33 46 00-0018 | EA | 12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 105.52 | 16.64 |
| | | *For Stainless Steel, Add* | *50.64* | |
| 23 33 46 00-0019 | EA | 14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 125.31 | 18.86 |
| | | *For Stainless Steel, Add* | *63.39* | |
| 23 33 46 00-0020 | EA | 16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper | 136.56 | 21.08 |
| | | *For Stainless Steel, Add* | *69.36* | |

## 23 33 53 Duct Liners *(23 33)*

### 23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

| | | | | |
|---|---|---|---|---|
| 23 33 53 00-0002 | SF | 1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board | 12.13 | 3.07 |
| 23 33 53 00-0003 | SF | 3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board | 13.23 | 3.07 |
| 23 33 53 00-0004 | SF | 1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board | 14.74 | 4.10 |
| 23 33 53 00-0005 | SF | 1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board | 18.09 | 4.10 |
| 23 33 53 00-0006 | SF | 2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board | 21.82 | 4.62 |
| 23 33 53 00-0007 | SF | 1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board | 11.57 | 3.32 |
| 23 33 53 00-0008 | SF | 3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board | 12.63 | 3.32 |
| 23 33 53 00-0009 | SF | 1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board | 14.11 | 4.43 |
| 23 33 53 00-0010 | SF | 1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board | 17.22 | 4.43 |
| 23 33 53 00-0011 | SF | 2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board | 20.86 | 5.00 |

### 23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

| | | | | |
|---|---|---|---|---|
| 23 33 53 00-0013 | SF | 1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket | 2.83 | 2.66 |
| 23 33 53 00-0014 | SF | 1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket | 3.36 | 2.99 |
| 23 33 53 00-0015 | SF | 1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket | 4.21 | 2.99 |
| 23 33 53 00-0016 | SF | 1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket | 5.54 | 2.99 |
| 23 33 53 00-0017 | SF | 1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket | 4.55 | 3.32 |
| 23 33 53 00-0018 | SF | 2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket | 4.83 | 3.66 |
| 23 33 53 00-0019 | SF | 2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket | 7.69 | 3.66 |

## 23 33 56 Duct Air Extractors *(23 33)*

| | | | | |
|---|---|---|---|---|
| 23 33 56 00-0001 | EA | 12" x 4" Duct Air Extractor | 51.93 | 18.31 |
| | | *For Stainless Steel, Add* | *19.92* | |
| 23 33 56 00-0002 | EA | 8" x 6" Duct Air Extractor | 55.26 | 19.97 |
| | | *For Stainless Steel, Add* | *19.92* | |
| 23 33 56 00-0003 | EA | 12" x 6" Duct Air Extractor | 63.35 | 21.08 |
| | | *For Stainless Steel, Add* | *27.56* | |
| 23 33 56 00-0004 | EA | 16" x 6" Duct Air Extractor | 71.27 | 22.19 |
| | | *For Stainless Steel, Add* | *34.96* | |
| 23 33 56 00-0005 | EA | 24" x 6" Duct Air Extractor | 93.21 | 24.41 |
| | | *For Stainless Steel, Add* | *57.72* | |
| 23 33 56 00-0006 | EA | 12" x 8" Duct Air Extractor | 68.15 | 22.19 |
| | | *For Stainless Steel, Add* | *30.90* | |
| 23 33 56 00-0007 | EA | 20" x 8" Duct Air Extractor | 89.87 | 27.74 |
| | | *For Stainless Steel, Add* | *44.72* | |
| 23 33 56 00-0008 | EA | 18" x 10" Duct Air Extractor | 97.01 | 31.62 |
| | | *For Stainless Steel, Add* | *43.90* | |
| 23 33 56 00-0009 | EA | 24" x 10" Duct Air Extractor | 118.12 | 37.16 |
| | | *For Stainless Steel, Add* | *56.91* | |
| 23 33 56 00-0010 | EA | 24" x 12" Duct Air Extractor | 135.66 | 44.38 |
| | | *For Stainless Steel, Add* | *60.98* | |
| 23 33 56 00-0011 | EA | 30" x 12" Duct Air Extractor | 169.74 | 55.47 |
| | | *For Stainless Steel, Add* | *76.43* | |

## 23 33 59 Duct Pressure Relief Doors *(23 33)*

### 23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

| | | | | |
|---|---|---|---|---|
| 23 33 59 00-0002 | EA | 18" x 18" Duct Pressure Relief Door (Ruskin PRD18) | 1,089.20 | 33.28 |
| 23 33 59 00-0003 | EA | 24" x 10" Duct Pressure Relief Door (Ruskin PRD18) | 894.93 | 27.74 |
| 23 33 59 00-0004 | EA | 24" x 12" Duct Pressure Relief Door (Ruskin PRD18) | 886.90 | 30.51 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 23 34 HVAC Fans *(23 30)*

### 23 34 13 Axial HVAC Fans *(23 34)*

#### 23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

#### 23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 34 13 00-0003 | EA | 12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure | 1,692.82 | 341.01 |
| | | *For 1/4" Static Pressure, Add* | *80.81* | |
| | | *For 3/8" Static Pressure, Add* | *161.62* | |
| | | *For 1/2" Static Pressure, Add* | *222.23* | |
| 23 34 13 00-0004 | EA | 12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure | 1,764.97 | 342.02 |
| | | *For 1/4" Static Pressure, Add* | *86.58* | |
| | | *For 3/8" Static Pressure, Add* | *173.16* | |
| | | *For 1/2" Static Pressure, Add* | *238.10* | |
| 23 34 13 00-0005 | EA | 16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure | 1,909.27 | 341.01 |
| | | *For 1/4" Static Pressure, Add* | *98.13* | |
| | | *For 3/8" Static Pressure, Add* | *196.25* | |
| | | *For 1/2" Static Pressure, Add* | *269.85* | |
| 23 34 13 00-0006 | EA | 20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure | 2,053.57 | 342.02 |
| | | *For 1/4" Static Pressure, Add* | *109.67* | |
| | | *For 3/8" Static Pressure, Add* | *219.34* | |
| | | *For 1/2" Static Pressure, Add* | *301.59* | |
| 23 34 13 00-0007 | EA | 22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure | 2,406.57 | 409.62 |
| | | *For 1/4" Static Pressure, Add* | *126.99* | |
| | | *For 3/8" Static Pressure, Add* | *253.97* | |
| | | *For 1/2" Static Pressure, Add* | *349.21* | |
| 23 34 13 00-0008 | EA | 24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure | 2,766.41 | 445.46 |
| | | *For 1/4" Static Pressure, Add* | *150.08* | |
| | | *For 3/8" Static Pressure, Add* | *300.15* | |
| | | *For 1/2" Static Pressure, Add* | *412.71* | |
| 23 34 13 00-0009 | EA | 24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure | 2,923.37 | 487.44 |
| | | *For 1/4" Static Pressure, Add* | *155.85* | |
| | | *For 3/8" Static Pressure, Add* | *311.70* | |
| | | *For 1/2" Static Pressure, Add* | *428.58* | |
| 23 34 13 00-0010 | EA | 30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure | 3,332.89 | 512.02 |
| | | *For 1/4" Static Pressure, Add* | *184.71* | |
| | | *For 3/8" Static Pressure, Add* | *369.42* | |
| | | *For 1/2" Static Pressure, Add* | *507.95* | |
| 23 34 13 00-0011 | EA | 30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure | 4,021.81 | 640.02 |
| | | *For 1/4" Static Pressure, Add* | *219.34* | |
| | | *For 3/8" Static Pressure, Add* | *438.68* | |
| | | *For 1/2" Static Pressure, Add* | *603.19* | |
| 23 34 13 00-0012 | EA | 36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure | 4,540.06 | 683.03 |
| | | *For 1/4" Static Pressure, Add* | *253.97* | |
| | | *For 3/8" Static Pressure, Add* | *507.95* | |
| | | *For 1/2" Static Pressure, Add* | *698.43* | |
| 23 34 13 00-0013 | EA | 36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure | 5,327.34 | 787.48 |
| | | *For 1/4" Static Pressure, Add* | *300.15* | |
| | | *For 3/8" Static Pressure, Add* | *600.30* | |
| | | *For 1/2" Static Pressure, Add* | *825.42* | |

#### 23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 34 13 00-0015 | EA | 15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure | 1,605.68 | 330.77 |
| | | *For 1/4" Static Pressure, Add* | *75.60* | |
| | | *For 3/8" Static Pressure, Add* | *151.20* | |
| | | *For 1/2" Static Pressure, Add* | *207.90* | |
| 23 34 13 00-0016 | EA | 15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure | 1,702.31 | 342.02 |
| | | *For 1/4" Static Pressure, Add* | *81.57* | |
| | | *For 3/8" Static Pressure, Add* | *163.14* | |
| | | *For 1/2" Static Pressure, Add* | *224.32* | |
| 23 34 13 00-0017 | EA | 18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure | 1,759.00 | 353.29 |
| | | *For 1/4" Static Pressure, Add* | *84.22* | |
| | | *For 3/8" Static Pressure, Add* | *168.44* | |
| | | *For 1/2" Static Pressure, Add* | *231.61* | |
| 23 34 13 00-0018 | EA | 18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure | 1,861.59 | 365.58 |
| | | *For 1/4" Static Pressure, Add* | *90.41* | |
| | | *For 3/8" Static Pressure, Add* | *180.82* | |
| | | *For 1/2" Static Pressure, Add* | *248.63* | |
| 23 34 13 00-0019 | EA | 18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure | 2,098.69 | 379.91 |
| | | *For 1/4" Static Pressure, Add* | *107.21* | |
| | | *For 3/8" Static Pressure, Add* | *214.42* | |
| | | *For 1/2" Static Pressure, Add* | *294.83* | |
| 23 34 13 00-0020 | EA | 24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure | 2,213.51 | 394.25 |
| | | *For 1/4" Static Pressure, Add* | *114.06* | |
| | | *For 3/8" Static Pressure, Add* | *228.13* | |
| | | *For 1/2" Static Pressure, Add* | *313.68* | |
| 23 34 13 00-0021 | EA | 24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure | 2,477.14 | 409.62 |
| | | *For 1/4" Static Pressure, Add* | *132.63* | |
| | | *For 3/8" Static Pressure, Add* | *265.27* | |
| | | *For 1/2" Static Pressure, Add* | *364.74* | |
| 23 34 13 00-0022 | EA | 24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure | 2,793.27 | 409.62 |
| | | *For 1/4" Static Pressure, Add* | *158.03* | |
| | | *For 3/8" Static Pressure, Add* | *316.06* | |
| | | *For 1/2" Static Pressure, Add* | *434.58* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 13 00-0023 | EA | 30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure | 3,237.63 | 445.46 |
| | | *For 1/4" Static Pressure, Add* | *187.90* | |
| | | *For 3/8" Static Pressure, Add* | *375.79* | |
| | | *For 1/2" Static Pressure, Add* | *516.72* | |
| 23 34 13 00-0024 | EA | 30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure | 3,838.85 | 539.67 |
| | | *For 1/4" Static Pressure, Add* | *221.06* | |
| | | *For 3/8" Static Pressure, Add* | *442.11* | |
| | | *For 1/2" Static Pressure, Add* | *607.90* | |
| 23 34 13 00-0025 | EA | 30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure | 4,372.45 | 539.67 |
| | | *For 1/4" Static Pressure, Add* | *263.38* | |
| | | *For 3/8" Static Pressure, Add* | *526.76* | |
| | | *For 1/2" Static Pressure, Add* | *724.30* | |
| 23 34 13 00-0026 | EA | 36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure | 4,813.85 | 569.36 |
| | | *For 1/4" Static Pressure, Add* | *294.08* | |
| | | *For 3/8" Static Pressure, Add* | *588.17* | |
| | | *For 1/2" Static Pressure, Add* | *808.73* | |
| 23 34 13 00-0027 | EA | 36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure | 5,258.23 | 602.13 |
| | | *For 1/4" Static Pressure, Add* | *324.51* | |
| | | *For 3/8" Static Pressure, Add* | *649.01* | |
| | | *For 1/2" Static Pressure, Add* | *892.39* | |
| 23 34 13 00-0028 | EA | 36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure | 5,991.70 | 787.48 |
| | | *For 1/4" Static Pressure, Add* | *353.69* | |
| | | *For 3/8" Static Pressure, Add* | *707.38* | |
| | | *For 1/2" Static Pressure, Add* | *972.64* | |
| 23 34 13 00-0029 | EA | 36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure | 6,838.20 | 788.51 |
| | | *For 1/4" Static Pressure, Add* | *421.41* | |
| | | *For 3/8" Static Pressure, Add* | *842.82* | |
| | | *For 1/2" Static Pressure, Add* | *1,158.87* | |
| 23 34 13 00-0030 | EA | 42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure | 7,724.32 | 930.64 |
| | | *For 1/4" Static Pressure, Add* | *469.54* | |
| | | *For 3/8" Static Pressure, Add* | *939.07* | |
| | | *For 1/2" Static Pressure, Add* | *1,291.22* | |

## 23 34 16 Centrifugal HVAC Fans *(23 34)*

### 23 34 16 00-0001 Centrifugal Fans *(23 34 16)*

Note: All belt fans to be supplied with belt guard.

### 23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*

Note: V-belt driven.

### 23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*

Note: Under 30" diameter wheel.

### 23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

| | | | | |
|---|---|---|---|---|
| 23 34 16 00-0005 | EA | 1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan | 1,146.39 | 224.98 |
| 23 34 16 00-0006 | EA | 1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan | 1,642.50 | 233.48 |
| 23 34 16 00-0007 | EA | 1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan | 1,690.22 | 186.07 |
| 23 34 16 00-0008 | EA | 1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan | 1,765.09 | 254.98 |
| 23 34 16 00-0009 | EA | 3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan | 1,808.56 | 270.34 |
| 23 34 16 00-0010 | EA | 1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan | 1,866.47 | 281.61 |
| 23 34 16 00-0011 | EA | 1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan | 1,924.92 | 300.05 |

### 23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

| | | | | |
|---|---|---|---|---|
| 23 34 16 00-0013 | EA | 1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure | 1,893.28 | 245.77 |
| 23 34 16 00-0014 | EA | 1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure | 1,927.61 | 254.98 |
| 23 34 16 00-0015 | EA | 1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure | 1,991.36 | 270.34 |
| 23 34 16 00-0016 | EA | 3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure | 2,028.70 | 281.61 |
| 23 34 16 00-0017 | EA | 1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure | 2,097.71 | 300.05 |
| 23 34 16 00-0018 | EA | 1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure | 2,166.20 | 314.38 |

### 23 34 16 00-0019 15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

| | | | | |
|---|---|---|---|---|
| 23 34 16 00-0020 | EA | 1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure | 1,907.33 | 254.98 |
| 23 34 16 00-0021 | EA | 1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure | 1,950.81 | 270.34 |
| 23 34 16 00-0022 | EA | 1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure | 2,008.42 | 281.61 |
| 23 34 16 00-0023 | EA | 3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure | 2,057.14 | 300.05 |
| 23 34 16 00-0024 | EA | 1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure | 2,118.89 | 314.38 |
| 23 34 16 00-0025 | EA | 1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure | 2,205.29 | 337.93 |
| 23 34 16 00-0026 | EA | 2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure | 2,272.78 | 355.34 |

### 23 34 16 00-0027 16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

| | | | | |
|---|---|---|---|---|
| 23 34 16 00-0028 | EA | 1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure | 2,184.01 | 270.34 |
| 23 34 16 00-0029 | EA | 1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure | 2,262.69 | 281.61 |
| 23 34 16 00-0030 | EA | 1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure | 2,349.95 | 300.05 |
| 23 34 16 00-0031 | EA | 3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure | 2,395.94 | 314.38 |
| 23 34 16 00-0032 | EA | 1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure | 2,456.48 | 337.93 |
| 23 34 16 00-0033 | EA | 1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure | 2,508.24 | 355.34 |
| 23 34 16 00-0034 | EA | 2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure | 2,785.41 | 386.06 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 34 16 00-0035** | | **18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)* | | |
| 23 34 16 00-0036 | EA | 1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure | 2,256.84 | 281.61 |
| 23 34 16 00-0037 | EA | 1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure | 2,310.62 | 300.05 |
| 23 34 16 00-0038 | EA | 1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure | 2,382.51 | 314.38 |
| 23 34 16 00-0039 | EA | 3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure | 2,438.51 | 337.93 |
| 23 34 16 00-0040 | EA | 1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure | 2,516.13 | 355.34 |
| 23 34 16 00-0041 | EA | 1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure | 2,633.32 | 386.06 |
| 23 34 16 00-0042 | EA | 2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure | 2,709.34 | 409.62 |
| 23 34 16 00-0043 | EA | 3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure | 2,822.68 | 450.58 |
| **23 34 16 00-0044** | | **20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)* | | |
| 23 34 16 00-0045 | EA | 1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure | 2,280.21 | 300.05 |
| 23 34 16 00-0046 | EA | 1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure | 2,352.08 | 314.38 |
| 23 34 16 00-0047 | EA | 1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure | 2,438.51 | 337.93 |
| 23 34 16 00-0048 | EA | 3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure | 2,516.13 | 355.34 |
| 23 34 16 00-0049 | EA | 1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure | 2,663.73 | 386.06 |
| 23 34 16 00-0050 | EA | 1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure | 2,870.11 | 409.62 |
| 23 34 16 00-0051 | EA | 2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure | 3,014.76 | 450.58 |
| 23 34 16 00-0052 | EA | 3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure | 3,164.92 | 482.32 |
| **23 34 16 00-0053** | | **22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)* | | |
| 23 34 16 00-0054 | EA | 1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure | 2,740.76 | 314.38 |
| 23 34 16 00-0055 | EA | 1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure | 2,792.00 | 337.93 |
| 23 34 16 00-0056 | EA | 1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure | 2,862.56 | 355.34 |
| 23 34 16 00-0057 | EA | 3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure | 2,951.02 | 386.06 |
| 23 34 16 00-0058 | EA | 1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure | 3,068.42 | 409.62 |
| 23 34 16 00-0059 | EA | 1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure | 3,107.69 | 450.58 |
| 23 34 16 00-0060 | EA | 2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure | 3,185.19 | 482.32 |
| 23 34 16 00-0061 | EA | 3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure | 3,323.66 | 540.68 |
| **23 34 16 00-0062** | | **24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)* | | |
| 23 34 16 00-0063 | EA | 1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure | 3,296.98 | 337.93 |
| 23 34 16 00-0064 | EA | 1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure | 3,403.91 | 386.06 |
| 23 34 16 00-0065 | EA | 3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure | 3,510.35 | 409.62 |
| 23 34 16 00-0066 | EA | 1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure | 3,623.12 | 450.58 |
| 23 34 16 00-0067 | EA | 1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure | 3,722.58 | 482.32 |
| 23 34 16 00-0068 | EA | 2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure | 3,810.36 | 540.68 |
| 23 34 16 00-0069 | EA | 3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure | 3,932.28 | 587.79 |
| 23 34 16 00-0070 | EA | 5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure | 4,217.94 | 675.87 |
| **23 34 16 00-0071** | | **27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)* | | |
| 23 34 16 00-0072 | EA | 1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure | 3,653.44 | 355.34 |
| 23 34 16 00-0073 | EA | 1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure | 3,763.84 | 409.62 |
| 23 34 16 00-0074 | EA | 3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure | 3,876.60 | 450.58 |
| 23 34 16 00-0075 | EA | 1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure | 3,976.07 | 482.32 |
| 23 34 16 00-0076 | EA | 1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure | 4,114.53 | 540.68 |
| 23 34 16 00-0077 | EA | 2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure | 4,236.16 | 587.79 |
| 23 34 16 00-0078 | EA | 3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure | 4,543.36 | 675.87 |
| 23 34 16 00-0079 | EA | 5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure | 4,585.21 | 750.61 |
| **23 34 16 00-0080** | | **Large Industrial Type Utility Backward Centrifugal Fans** *(23 34 16 00-0002)* Note: Over 30" diameter wheel. | | |
| **23 34 16 00-0081** | | **30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)* | | |
| 23 34 16 00-0082 | EA | 1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure | 5,118.69 | 450.58 |
| 23 34 16 00-0083 | EA | 3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure | 5,214.16 | 482.32 |
| 23 34 16 00-0084 | EA | 1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure | 5,361.69 | 540.68 |
| 23 34 16 00-0085 | EA | 1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure | 5,493.44 | 587.79 |
| 23 34 16 00-0086 | EA | 2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure | 5,688.16 | 675.87 |
| 23 34 16 00-0087 | EA | 3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure | 5,862.77 | 750.61 |
| 23 34 16 00-0088 | EA | 5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure | 6,151.19 | 901.15 |
| 23 34 16 00-0089 | EA | 7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure | 6,417.24 | 1,039.39 |
| **23 34 16 00-0090** | | **33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)* | | |
| 23 34 16 00-0091 | EA | 1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure | 6,003.96 | 482.32 |
| 23 34 16 00-0092 | EA | 3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure | 6,193.12 | 540.68 |
| 23 34 16 00-0093 | EA | 1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure | 6,365.75 | 587.79 |
| 23 34 16 00-0094 | EA | 1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure | 6,600.72 | 675.87 |
| 23 34 16 00-0095 | EA | 2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure | 6,815.90 | 750.61 |
| 23 34 16 00-0096 | EA | 3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure | 7,144.85 | 901.15 |
| 23 34 16 00-0097 | EA | 5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure | 7,512.32 | 1,039.39 |
| 23 34 16 00-0098 | EA | 7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure | 8,030.34 | 1,351.72 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 16 00-0099 | | 36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure *(23 34 16 00-0080)* | | |
| 23 34 16 00-0100 | EA | 1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure | 4,973.83 | 540.68 |
| 23 34 16 00-0101 | EA | 3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure | 5,045.06 | 587.79 |
| 23 34 16 00-0102 | EA | 1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure | 5,178.63 | 675.87 |
| 23 34 16 00-0103 | EA | 1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure | 5,312.85 | 750.61 |
| 23 34 16 00-0104 | EA | 2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure | 6,038.22 | 901.15 |
| 23 34 16 00-0105 | EA | 3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure | 6,334.40 | 1,039.39 |
| 23 34 16 00-0106 | EA | 5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure | 6,896.08 | 1,351.72 |
| 23 34 16 00-0107 | EA | 7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure | 7,497.15 | 1,689.65 |
| 23 34 16 00-0108 | | Kitchen System Fans *(23 34 16 00-0001)* | | |
| 23 34 16 00-0109 | | Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)* | | |
| 23 34 16 00-0110 | | Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)* | | |
| | | Note: Greenheck CUE. | | |
| 23 34 16 00-0111 | EA | Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan | 1,040.28 | 133.12 |
| | | Note: 115V. For roof or wall installations. Includes disconnect switch. | | |
| | | *For Bird Screen, Add* | *43.86* | |
| | | *For Backdraft Damper, Add* | *114.13* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0112 | EA | 14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan | 1,214.51 | 133.12 |
| | | Note: 115V. For roof or wall installations. Includes disconnect switch. | | |
| | | *For Bird Screen, Add* | *43.86* | |
| | | *For Backdraft Damper, Add* | *114.13* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0113 | | Belt Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)* | | |
| | | Note: Greenheck CUBE. | | |
| 23 34 16 00-0114 | EA | 10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan | 1,764.94 | 133.12 |
| | | Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | | |
| | | *For Bird Screen, Add* | *43.86* | |
| | | *For Wall Mounted Fan, Add* | *70.60* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *127.39* | |
| | | *For Backdraft Damper, Add* | *114.13* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0115 | EA | 12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan | 1,840.55 | 133.12 |
| | | Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | | |
| | | *For Bird Screen, Add* | *43.86* | |
| | | *For Wall Mounted Fan, Add* | *73.62* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *133.82* | |
| | | *For Backdraft Damper, Add* | *114.13* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0116 | EA | 14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan | 1,589.64 | 153.61 |
| | | Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | | |
| | | *For Bird Screen, Add* | *49.91* | |
| | | *For Wall Mounted Fan, Add* | *63.59* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *109.01* | |
| | | *For Backdraft Damper, Add* | *129.47* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0117 | EA | 14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan | 1,698.53 | 153.61 |
| | | Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | | |
| | | *For Bird Screen, Add* | *49.91* | |
| | | *For Wall Mounted Fan, Add* | *67.94* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *118.26* | |
| | | *For Backdraft Damper, Add* | *129.47* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0118 | EA | 16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan | 2,155.02 | 179.21 |
| | | Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | | |
| | | *For Bird Screen, Add* | *49.91* | |
| | | *For Wall Mounted Fan, Add* | *86.20* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *152.71* | |
| | | *For Backdraft Damper, Add* | *129.47* | |
| | | *For Damper Motor, Add* | *181.69* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 16 00-0119 | EA | 16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | 2,271.47 | 179.21 |
| | | *For Bird Screen, Add* | *49.91* | |
| | | *For Wall Mounted Fan, Add* | *90.86* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *162.61* | |
| | | *For Backdraft Damper, Add* | *129.47* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0120 | EA | 18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | 2,474.01 | 192.01 |
| | | *For Bird Screen, Add* | *83.18* | |
| | | *For Wall Mounted Fan, Add* | *98.96* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *177.65* | |
| | | *For Backdraft Damper, Add* | *160.14* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0121 | EA | 18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | 2,655.48 | 192.01 |
| | | *For Bird Screen, Add* | *83.18* | |
| | | *For Wall Mounted Fan, Add* | *106.22* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *193.07* | |
| | | *For Backdraft Damper, Add* | *160.14* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0122 | EA | 20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | 2,702.27 | 204.81 |
| | | *For Bird Screen, Add* | *83.18* | |
| | | *For Wall Mounted Fan, Add* | *108.09* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *194.88* | |
| | | *For Backdraft Damper, Add* | *160.14* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0123 | EA | 20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | 2,957.85 | 204.81 |
| | | *For Bird Screen, Add* | *83.18* | |
| | | *For Wall Mounted Fan, Add* | *118.31* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *216.60* | |
| | | *For Backdraft Damper, Add* | *160.14* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0124 | EA | 24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | 3,405.27 | 230.41 |
| | | *For Bird Screen, Add* | *98.30* | |
| | | *For Wall Mounted Fan, Add* | *136.21* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *250.28* | |
| | | *For Backdraft Damper, Add* | *173.77* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0125 | EA | 24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch. | 3,639.67 | 230.41 |
| | | *For Bird Screen, Add* | *98.30* | |
| | | *For Wall Mounted Fan, Add* | *145.59* | |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *270.20* | |
| | | *For Backdraft Damper, Add* | *173.77* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0126 | EA | 30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. | 4,309.41 | 256.01 |
| | | *For Bird Screen, Add* | *105.86* | |
| | | *For Wall Mounted Fan, Add* | *172.38* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *322.78* | |
| | | *For Backdraft Damper, Add* | *192.50* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0127 | EA | 30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. | 4,386.53 | 256.01 |
| | | *For Bird Screen, Add* | *105.86* | |
| | | *For Wall Mounted Fan, Add* | *175.46* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *329.33* | |
| | | *For Backdraft Damper, Add* | *192.50* | |
| | | *For Damper Motor, Add* | *181.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 16 00-0128 | EA | 30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. | 4,778.22 | 256.01 |
| | | *For Bird Screen, Add* | *105.86* | |
| | | *For Wall Mounted Fan, Add* | *191.13* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *362.63* | |
| | | *For Backdraft Damper, Add* | *192.50* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0129 | EA | 30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. | 4,967.26 | 256.01 |
| | | *For Bird Screen, Add* | *105.86* | |
| | | *For Wall Mounted Fan, Add* | *198.69* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *378.70* | |
| | | *For Backdraft Damper, Add* | *192.50* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 16 00-0130 | EA | 36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. | 5,469.35 | 281.61 |
| | | *For Bird Screen, Add* | *120.98* | |
| | | *For Wall Mounted Fan, Add* | *218.77* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *417.02* | |
| | | *For Damper Motor, Add* | *181.69* | |
| | | *For Backdraft Damper, Add* | *225.10* | |
| 23 34 16 00-0131 | EA | 36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. | 5,686.74 | 281.61 |
| | | *For Bird Screen, Add* | *120.98* | |
| | | *For Wall Mounted Fan, Add* | *227.47* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *435.50* | |
| | | *For Damper Motor, Add* | *181.69* | |
| | | *For Backdraft Damper, Add* | *225.10* | |
| 23 34 16 00-0132 | EA | 42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch. | 5,744.03 | 307.21 |
| | | *For Bird Screen, Add* | *120.98* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *436.02* | |
| | | *For Damper Motor, Add* | *181.69* | |
| | | *For Backdraft Damper, Add* | *260.09* | |
| 23 34 16 00-0133 | EA | 42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan<br>Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch. | 6,221.31 | 307.21 |
| | | *For Bird Screen, Add* | *120.98* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| | | *For Grease Trap Kit, Add* | *76.41* | |
| | | *For Hinged Curb Kit, Add* | *476.59* | |
| | | *For Damper Motor, Add* | *181.69* | |
| | | *For Backdraft Damper, Add* | *260.09* | |

### 23 34 16 00-0134 Untempered Kitchen Make-Up Air Fans *(23 34 16 00-0108)*

Note: Roof mounted with downblast discharge, weatherhood and filter.

### 23 34 16 00-0135 Direct Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

| | | | | |
|---|---|---|---|---|
| 23 34 16 00-0136 | EA | 7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan<br>Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. | 1,201.11 | 133.12 |
| | | *For Extended Weatherhood, Add* | *206.76* | |
| 23 34 16 00-0137 | EA | 8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan<br>Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. | 1,260.30 | 133.12 |
| | | *For Extended Weatherhood, Add* | *215.64* | |
| 23 34 16 00-0138 | EA | 9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan<br>Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. | 1,332.94 | 133.12 |
| | | *For Extended Weatherhood, Add* | *226.54* | |

### 23 34 16 00-0139 Belt Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

| | | | | |
|---|---|---|---|---|
| 23 34 16 00-0140 | EA | 9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan<br>Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. | 1,361.11 | 133.12 |
| | | *For Extended Weatherhood, Add* | *230.76* | |
| 23 34 16 00-0141 | EA | 10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan<br>Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. | 1,534.03 | 179.21 |
| | | *For Extended Weatherhood, Add* | *265.94* | |
| 23 34 16 00-0142 | EA | 12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan<br>Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. | 1,846.30 | 204.81 |
| | | *For Extended Weatherhood, Add* | *317.91* | |
| 23 34 16 00-0143 | EA | 15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan<br>Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. | 2,145.30 | 256.01 |
| | | *For Extended Weatherhood, Add* | *373.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 16 00-0144 | EA | 18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan<br>Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. | 2,595.48 | 307.21 |
| | | *For Extended Weatherhood, Add* | *450.76* | |
| 23 34 16 00-0145 | | Replacement Parts *(23 34 16 00-0001)* | | |
| 23 34 16 00-0146 | | Replace Belts And Accessories *(23 34 16 00-0145)* | | |
| 23 34 16 00-0147 | EA | Fan Shaft Bearing, Replacement | 847.58 | 381.83 |
| 23 34 16 00-0148 | EA | Fan Belt, Replacement | 137.20 | 51.78 |
| 23 34 16 00-0149 | | Corrosive Fume Resistant Plastic *(23 34 16 00-0001)* | | |
| 23 34 16 00-0150 | | Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure *(23 34 16 00-0149)* | | |
| 23 34 16 00-0151 | EA | 250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic | 5,510.77 | 184.72 |
| | | *For Explosion Proof Motor, Add* | *771.20* | |
| 23 34 16 00-0152 | EA | 895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic | 5,985.73 | 221.89 |
| | | *For Explosion Proof Motor, Add* | *831.29* | |
| 23 34 16 00-0153 | EA | 1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic | 7,098.24 | 277.36 |
| | | *For Explosion Proof Motor, Add* | *981.53* | |
| 23 34 16 00-0154 | EA | 2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic | 7,617.45 | 369.99 |
| | | *For Explosion Proof Motor, Add* | *1,031.61* | |
| 23 34 16 00-0155 | EA | 3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic | 8,721.29 | 554.72 |
| | | *For Explosion Proof Motor, Add* | *1,141.78* | |
| 23 34 16 00-0156 | EA | 11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic | 15,038.85 | 1,109.43 |
| | | *For Explosion Proof Motor, Add* | *1,923.00* | |
| 23 34 16 00-0157 | EA | 18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic | 21,934.39 | 1,585.94 |
| | | *For Explosion Proof Motor, Add* | *2,814.38* | |
| 23 34 16 00-0158 | | Utility Set, Centrifugal, Belt Drive *(23 34 16 00-0149)* | | |
| 23 34 16 00-0159 | EA | 1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 5,510.77 | 184.72 |
| | | *For Explosion Proof Motor, Add* | *771.20* | |
| 23 34 16 00-0160 | EA | 1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 5,651.88 | 221.89 |
| | | *For Explosion Proof Motor, Add* | *781.22* | |
| 23 34 16 00-0161 | EA | 1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 5,762.83 | 277.36 |
| | | *For Explosion Proof Motor, Add* | *781.22* | |
| 23 34 16 00-0162 | EA | 2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 5,948.18 | 369.99 |
| | | *For Explosion Proof Motor, Add* | *781.22* | |
| 23 34 16 00-0163 | EA | 3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 8,187.12 | 554.72 |
| | | *For Explosion Proof Motor, Add* | *1,061.65* | |
| 23 34 16 00-0164 | EA | 4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 8,464.49 | 693.40 |
| | | *For Explosion Proof Motor, Add* | *1,061.65* | |
| 23 34 16 00-0165 | EA | 4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 8,664.62 | 793.46 |
| | | *For Explosion Proof Motor, Add* | *1,061.65* | |
| 23 34 16 00-0166 | EA | 6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 8,875.39 | 832.07 |
| | | *For Explosion Proof Motor, Add* | *1,081.68* | |
| 23 34 16 00-0167 | EA | 7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic | 9,127.07 | 924.49 |
| | | *For Explosion Proof Motor, Add* | *1,091.70* | |
| 23 34 16 00-0168 | | In-Line Duct Fans *(23 34 16 00-0001)* | | |
| 23 34 16 00-0169 | | Direct Drive In-Line Duct Fans *(23 34 16 00-0168)*<br>Note: Greenheck SQ. | | |
| 23 34 16 00-0170 | EA | Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan<br>Note: 115V. Includes disconnect switch. | 1,148.90 | 133.12 |
| 23 34 16 00-0171 | EA | 13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan<br>Note: 115V. Includes disconnect switch. | 1,456.98 | 143.37 |
| 23 34 16 00-0172 | EA | 14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan<br>Note: 115V. Includes disconnect switch. | 1,596.14 | 153.61 |
| 23 34 16 00-0173 | | Belt Drive In-Line Duct Fans *(23 34 16 00-0168)*<br>Note: Greenheck BSQ. | | |
| 23 34 16 00-0174 | EA | Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan<br>Note: 115/208-230/60/1. Includes disconnect switch. | 1,664.80 | 153.61 |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0175 | EA | 13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan<br>Note: 115/208-230/60/1. Includes disconnect switch. | 1,914.53 | 179.21 |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0176 | EA | 13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan<br>Note: 115/208-230/60/1. Includes disconnect switch. | 2,143.66 | 179.21 |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0177 | EA | 13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan<br>Note: 115/208-230/60/1. Includes disconnect switch. | 2,338.45 | 179.21 |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 16 00-0178 | EA | 16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan<br>Note: 115/208-230/60/1. Includes disconnect switch. | 2,290.40 | 204.81 |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0179 | EA | 16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan<br>Note: 115/208-230/60/1. Includes disconnect switch. | 2,620.28 | 204.81 |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0180 | EA | 24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan<br>Note: 115/208-230/60/1. Includes disconnect switch. | 3,332.43 | 256.01 |
| | | *For 3 Phase Motor, Deduct* | *-50.00* | |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0181 | EA | 24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan<br>Note: 230/460/60/3. Includes disconnect switch. | 3,514.54 | 256.01 |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0182 | EA | 24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan<br>Note: Belt drive. 230/460/60/3. Includes disconnect switch. | 3,642.91 | 256.01 |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0183 | EA | 30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan<br>Note: 230/460/60/3. Includes disconnect switch. | 4,217.81 | 307.21 |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0184 | EA | 30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan<br>Note: 230/460/60/3. Includes disconnect switch. | 4,371.03 | 307.21 |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |
| 23 34 16 00-0185 | EA | 30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan<br>Note: 230/460/60/3. Includes disconnect switch. | 4,559.32 | 307.21 |
| | | *For Totally Enclosed Motor, Add* | *85.00* | |

## 23 34 16 00-0186 In-Line Cabinet Fans *(23 34 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 34 16 00-0187 | EA | 950 CFM, 80 Watt, Direct Drive In-Line Cabinet Fan | 374.33 | 89.60 |
| 23 34 16 00-0188 | EA | 1,050 CFM, 129 Watt, Direct Drive In-Line Cabinet Fan | 394.87 | 89.60 |
| 23 34 16 00-0189 | EA | 1,100 CFM, 173 Watt, Direct Drive In-Line Cabinet Fan | 422.74 | 89.60 |
| 23 34 16 00-0190 | EA | 950 CFM, 48.7 Watt, Direct Drive In-Line Cabinet Fan | 421.27 | 89.60 |
| 23 34 16 00-0191 | EA | 1,100 CFM, 52.5 Watt, Direct Drive In-Line Cabinet Fan | 421.27 | 89.60 |
| 23 34 16 00-0192 | EA | 1,400 CFM, 100 Watt, Direct Drive In-Line Cabinet Fan | 465.29 | 89.60 |
| 23 34 16 00-0193 | EA | 900 CFM, 48.2 Watt, Direct Drive In-Line Cabinet Fan | 554.75 | 94.72 |
| 23 34 16 00-0194 | EA | 1,000 CFM, 82.7 Watt, Direct Drive In-Line Cabinet Fan | 476.99 | 94.72 |
| 23 34 16 00-0195 | EA | 1,050 CFM, 80.7 Watt, Direct Drive In-Line Cabinet Fan | 506.33 | 94.72 |
| 23 34 16 00-0196 | EA | 1,350 CFM, 140 Watt, Direct Drive In-Line Cabinet Fan | 525.41 | 94.72 |
| 23 34 16 00-0197 | EA | 1,000 CFM, 135 Watt, Direct Drive In-Line Cabinet Fan | 547.41 | 94.72 |
| 23 34 16 00-0198 | EA | 1,070 CFM, 217 Watt, Direct Drive In-Line Cabinet Fan | 547.41 | 94.72 |
| 23 34 16 00-0199 | EA | 1,100 CFM, 350 Watt, Direct Drive In-Line Cabinet Fan | 876.00 | 99.84 |
| 23 34 16 00-0200 | EA | 1,080 CFM, 325 Watt, Direct Drive In-Line Cabinet Fan | 742.50 | 99.84 |
| 23 34 16 00-0201 | EA | 1,600 CFM, 405 Watt, Direct Drive In-Line Cabinet Fan | 742.50 | 99.84 |
| 23 34 16 00-0202 | EA | 950 CFM, 328 Watt, Direct Drive In-Line Cabinet Fan | 993.37 | 99.84 |
| 23 34 16 00-0203 | EA | 1,095 CFM, 455 Watt, Direct Drive In-Line Cabinet Fan | 993.37 | 99.84 |
| 23 34 16 00-0204 | EA | 1,450 CFM, 822 Watt, Direct Drive In-Line Cabinet Fan | 993.37 | 99.84 |
| 23 34 16 00-0205 | EA | 1,640 CFM, 830 Watt, Direct Drive In-Line Cabinet Fan | 1,409.56 | 99.84 |

## 23 34 16 00-0206 Propeller And Ceiling Fans *(23 34 16)*

## 23 34 16 00-0207 Direct Drive, Sidewall Propeller Exhaust Fan *(23 34 16 00-0206)*

Note: Greenheck SE1.

| | | | | |
|---|---|---|---|---|
| 23 34 16 00-0208 | EA | 1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan<br>Note: Includes motor side guard. | 564.44 | 109.57 |
| | | *For Backdraft Damper, Add* | *127.78* | |
| | | *For Wall Mount Collar, Add* | *210.04* | |
| 23 34 16 00-0209 | EA | 1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan<br>Note: Includes motor side guard. | 599.59 | 121.86 |
| | | *For Backdraft Damper, Add* | *137.99* | |
| | | *For Wall Mount Collar, Add* | *210.04* | |
| 23 34 16 00-0210 | EA | 1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan<br>Note: Includes motor side guard. | 664.03 | 135.17 |
| | | *For Backdraft Damper, Add* | *151.62* | |
| | | *For Wall Mount Collar, Add* | *215.60* | |
| 23 34 16 00-0211 | EA | 1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan | 956.87 | 149.51 |
| | | *For Backdraft Damper, Add* | *180.59* | |
| | | *For Wall Mount Collar, Add* | *219.64* | |
| | | *For Motor Side Guard, Add* | *179.60* | |
| 23 34 16 00-0212 | EA | 1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan | 1,153.63 | 165.89 |
| | | *For Backdraft Damper, Add* | *180.59* | |
| | | *For Wall Mount Collar, Add* | *225.21* | |
| | | *For Motor Side Guard, Add* | *191.20* | |
| 23 34 16 00-0213 | EA | 1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan | 1,297.14 | 184.33 |
| | | *For Backdraft Damper, Add* | *218.07* | |
| | | *For Wall Mount Collar, Add* | *230.76* | |
| | | *For Motor Side Guard, Add* | *202.81* | |
| 23 34 16 00-0214 | EA | 1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan | 1,481.52 | 204.81 |
| | | *For Backdraft Damper, Add* | *218.07* | |
| | | *For Wall Mount Collar, Add* | *234.81* | |
| | | *For Motor Side Guard, Add* | *218.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 34 16 00-0215** | | **Belt Drive Propeller Exhaust Fans** *(23 34 16 00-0206)* Note: Wall shutter 1/8" static pressure, with birdscreen. | | |
| 23 34 16 00-0216 | EA | 24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter | 2,190.94 | 292.87 |
| 23 34 16 00-0217 | EA | 30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter | 2,509.17 | 341.01 |
| 23 34 16 00-0218 | EA | 36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter | 2,845.96 | 409.62 |
| 23 34 16 00-0219 | EA | 42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter | 3,963.68 | 512.02 |
| 23 34 16 00-0220 | EA | 48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter | 4,727.28 | 683.03 |
| 23 34 16 00-0221 | EA | 54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter | 6,564.76 | 1,024.03 |
| 23 34 16 00-0222 | EA | 60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter | 7,878.12 | 1,312.80 |
| **23 34 16 00-0223** | | **Propeller Exhaust Fan Accessories** *(23 34 16 00-0206)* | | |
| 23 34 16 00-0224 | SF | Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening) | 112.55 | |
| 23 34 16 00-0225 | SF | Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening) | 259.29 | |
| **23 34 16 00-0226** | | **Reversible Ceiling Fans** *(23 34 16 00-0206)* | | |
| **23 34 16 00-0227** | | **4 Blade Ceiling Fans** *(23 34 16 00-0226)* | | |
| 23 34 16 00-0228 | EA | 42" 4-Blade Ceiling Fan, Three Speed | 513.71 | 54.54 |
| | | *For Brass Plated Motor, Add* | *20.25* | |
| | | *For Light Kit, Add* | *25.91* | |
| **23 34 16 00-0229** | | **5 Blade Ceiling Fans** *(23 34 16 00-0226)* | | |
| 23 34 16 00-0230 | EA | 42" 5-Blade Ceiling Fan, Three Speed | 562.25 | 134.98 |
| | | *For Brass Plated Motor, Add* | *20.25* | |
| | | *For Light Kit, Add* | *25.96* | |
| 23 34 16 00-0231 | EA | 52" 5-Blade Ceiling Fan, Three Speed | 642.02 | 134.98 |
| | | *For Brass Plated Motor, Add* | *20.25* | |
| | | *For Light Kit, Add* | *26.07* | |
| **23 34 16 00-0232** | | **3 Blade Weatherproof Ceiling Fans** *(23 34 16 00-0226)* | | |
| 23 34 16 00-0233 | EA | 3-Blade Ceiling Fan, Weatherproof, Three Speed | 527.80 | 50.69 |
| **23 34 16 00-0234** | | **Exhaust Fans** *(23 34 16)* | | |
| **23 34 16 00-0235** | | **Exhaust Fans** *(23 34 16 00-0234)* Note: Excludes ducting. | | |
| **23 34 16 00-0236** | | **Light Duty Exhaust Fans** *(23 34 16 00-0235)* | | |
| **23 34 16 00-0237** | | **Light Duty Exhaust Fans** *(23 34 16 00-0236)* | | |
| 23 34 16 00-0238 | EA | 50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670) | 134.73 | 44.08 |
| 23 34 16 00-0239 | EA | 70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671) | 142.51 | 44.08 |
| 23 34 16 00-0240 | EA | 180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505) | 235.92 | 44.08 |
| 23 34 16 00-0241 | EA | 350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504) | 298.38 | 44.08 |
| 23 34 16 00-0242 | EA | 160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503) | 266.67 | 44.08 |
| 23 34 16 00-0243 | EA | 270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502) | 355.36 | 44.08 |
| **23 34 16 00-0244** | | **Light Duty Exhaust Fans With Lights** *(23 34 16 00-0236)* | | |
| 23 34 16 00-0245 | EA | 50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678) | 176.35 | 44.08 |
| 23 34 16 00-0246 | EA | 70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679) | 195.84 | 44.08 |
| 23 34 16 00-0247 | EA | 100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680) | 367.26 | 44.08 |
| **23 34 16 00-0248** | | **Light Duty Exhaust Fans With Heaters** *(23 34 16 00-0236)* | | |
| 23 34 16 00-0249 | EA | 70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162) | 180.57 | 44.08 |
| 23 34 16 00-0250 | EA | 70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658) | 287.46 | 44.08 |
| **23 34 16 00-0251** | | **Light Duty Exhaust Fans With Heaters And Lights** *(23 34 16 00-0236)* | | |
| 23 34 16 00-0252 | EA | 70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655) | 305.98 | 44.08 |
| 23 34 16 00-0253 | EA | 100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL) | 465.07 | 44.08 |
| **23 34 16 00-0254** | | **Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0235)* | | |
| **23 34 16 00-0255** | | **Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0254)* Note: Includes enamel steel or aluminum grille. | | |
| 23 34 16 00-0256 | EA | 50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50) | 210.00 | 44.08 |
| 23 34 16 00-0257 | EA | 80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80) | 232.34 | 44.08 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 16 00-0258 | EA | 109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG) | 425.70 | 44.08 |
| 23 34 16 00-0259 | EA | 157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG) | 436.05 | 44.08 |
| 23 34 16 00-0260 | EA | 210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG) | 468.27 | 44.08 |
| 23 34 16 00-0261 | EA | 259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG) | 488.86 | 44.08 |
| 23 34 16 00-0262 | EA | 308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG) | 496.84 | 44.08 |
| 23 34 16 00-0263 | EA | 434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400) | 568.77 | 44.08 |
| 23 34 16 00-0264 | EA | 514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500) | 648.11 | 44.08 |
| 23 34 16 00-0265 | EA | 701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700) | 693.30 | 44.08 |
| 23 34 16 00-0266 | EA | 901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900) | 825.31 | 44.08 |
| 23 34 16 00-0267 | EA | 1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500) | 1,060.47 | 44.08 |
| **23 34 16 00-0268** | | **Heavy Duty/Continuous Operation Kitchen Exhaust Fans** *(23 34 16 00-0254)* Note: Includes enamel steel or aluminum grille. | | |
| 23 34 16 00-0269 | EA | 308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG) | 442.08 | 44.08 |
| 23 34 16 00-0270 | EA | 434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K) | 642.17 | 44.08 |
| 23 34 16 00-0271 | EA | 514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K) | 679.23 | 44.08 |
| **23 34 16 00-0272** | | **Heavy Duty/Continuous Operation Exhaust Fans With Lights** *(23 34 16 00-0254)* | | |
| 23 34 16 00-0273 | EA | 50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L) | 228.30 | 44.08 |
| 23 34 16 00-0274 | EA | 80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L) | 249.28 | 44.08 |
| **23 34 16 00-0275** | | **Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0254)* | | |
| 23 34 16 00-0276 | EA | 50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF) | 237.51 | 44.08 |
| 23 34 16 00-0277 | EA | 80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF) | 251.40 | 44.08 |
| 23 34 16 00-0278 | EA | 110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF) | 258.10 | 44.08 |
| **23 34 16 00-0279** | | **Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans** *(23 34 16 00-0235)* | | |
| 23 34 16 00-0280 | EA | 900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900) | 1,139.60 | 44.08 |
| 23 34 16 00-0281 | EA | 1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050) | 1,139.60 | 44.08 |
| 23 34 16 00-0282 | EA | 1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410) | 1,139.60 | 44.08 |
| 23 34 16 00-0283 | EA | 1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550) | 1,250.67 | 44.08 |
| **23 34 16 00-0284** | | **Room-To-Room Exhaust Fans** *(23 34 16 00-0235)* | | |
| 23 34 16 00-0285 | EA | 90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512) | 171.10 | 44.08 |
| 23 34 16 00-0286 | EA | 180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511) | 284.55 | 44.08 |
| 23 34 16 00-0287 | EA | 380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510) | 325.89 | 44.08 |
| **23 34 16 00-0288** | | **Through-Wall Exhaust Fans** *(23 34 16 00-0235)* | | |
| 23 34 16 00-0289 | EA | 250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507) | 304.27 | 44.08 |
| 23 34 16 00-0290 | EA | 470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506) | 361.25 | 44.08 |
| 23 34 16 00-0291 | EA | 180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509) | 265.10 | 44.08 |
| 23 34 16 00-0292 | EA | 270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508) | 355.36 | 44.08 |
| 23 34 16 00-0293 | EA | 360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C) | 622.56 | 44.08 |
| **23 34 16 00-0294** | | **Exhaust Fan Accessories** *(23 34 16 00-0235)* | | |
| **23 34 16 00-0295** | | **Exhaust Fan Controls** *(23 34 16 00-0294)* | | |
| 23 34 16 00-0296 | EA | Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57) | 167.08 | 27.55 |
| 23 34 16 00-0297 | EA | 60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59) | 116.69 | 27.55 |
| 23 34 16 00-0298 | EA | 60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61) | 117.88 | 27.55 |
| **23 34 16 00-0299** | | **Roof And Wall Caps For Exhaust Fans** *(23 34 16 00-0294)* | | |
| **23 34 16 00-0300** | | **Wall Caps For Exhaust Fans** *(23 34 16 00-0299)* | | |
| 23 34 16 00-0301 | EA | Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613) | 266.84 | 55.59 |
| 23 34 16 00-0302 | EA | Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643) | 270.81 | 55.59 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 34 16 00-0303** | | **Roof Caps For Exhaust Fans** *(23 34 16 00-0299)* Note: Includes flashing and built in bird screen. | | |
| 23 34 16 00-0304 | EA | Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611) | 225.89 | 55.59 |
| 23 34 16 00-0305 | EA | Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612) | 328.92 | 55.59 |
| 23 34 16 00-0306 | EA | CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636) | 146.69 | 55.59 |
| 23 34 16 00-0307 | EA | CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634) | 177.60 | 55.59 |
| **23 34 16 00-0308** | | **Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan** *(23 34 16 00-0235)* Note: Includes storage and cleaning. | | |
| 23 34 16 00-0309 | EA | Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan | 76.80 | |

## 23 34 23 HVAC Power Ventilators *(23 34)*

**23 34 23 00-0001 Power Roof Ventilators** *(23 34 23)*

**23 34 23 00-0002 Direct Drive, Aluminum, Centrifugal Roof Exhausters** *(23 34 23 00-0001)* Note: Greenheck G.

| | | | | |
|---|---|---|---|---|
| 23 34 23 00-0003 | EA | 1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster. Note: Three speed motor. | 697.55 | 146.44 |
| | | *For 12" Roof Curb, Add* | *177.78* | |
| | | *For Backdraft Damper, Add* | *105.61* | |
| | | *For Solid State Speed Control, Add* | *90.77* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0004 | EA | 1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster. Note: Three speed motor. | 765.51 | 165.89 |
| | | *For 12" Roof Curb, Add* | *177.78* | |
| | | *For Backdraft Damper, Add* | *105.61* | |
| | | *For Solid State Speed Control, Add* | *90.77* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0005 | EA | 1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster | 1,119.90 | 193.54 |
| | | *For 12" Roof Curb, Add* | *182.31* | |
| | | *For Backdraft Damper, Add* | *114.13* | |
| | | *For Solid State Speed Control, Add* | *90.77* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0006 | EA | 1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster | 1,149.57 | 218.12 |
| | | *For 12" Roof Curb, Add* | *182.31* | |
| | | *For Backdraft Damper, Add* | *114.13* | |
| | | *For Solid State Speed Control, Add* | *90.77* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0007 | EA | 1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster | 1,488.78 | 240.65 |
| | | *For Solid State Speed Control, Add* | *90.77* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0008 | EA | 1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster | 1,687.86 | 256.01 |
| | | *For 12" Roof Curb, Add* | *189.87* | |
| | | *For Backdraft Damper, Add* | *129.47* | |
| | | *For Solid State Speed Control, Add* | *137.65* | |
| | | *For Damper Motor, Add* | *181.69* | |

**23 34 23 00-0009 Belt Drive, Aluminum, Centrifugal Roof Exhausters** *(23 34 23 00-0001)* Note: Greenheck GB.

| | | | | |
|---|---|---|---|---|
| 23 34 23 00-0010 | EA | 1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 1,593.30 | 218.12 |
| | | *For 12" Roof Curb, Add* | *182.31* | |
| | | *For Backdraft Damper, Add* | *114.13* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0011 | EA | 1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 1,743.10 | 277.51 |
| | | *For 12" Roof Curb, Add* | *189.87* | |
| | | *For Backdraft Damper, Add* | *129.47* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0012 | EA | 1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 2,392.63 | 330.77 |
| | | *For 12" Roof Curb, Add* | *189.87* | |
| | | *For Backdraft Damper, Add* | *129.47* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0013 | EA | 3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 3,060.48 | 409.62 |
| | | *For 12" Roof Curb, Add* | *226.17* | |
| | | *For Backdraft Damper, Add* | *160.14* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0014 | EA | 1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 4,057.72 | 512.02 |
| | | *For 12" Roof Curb, Add* | *242.80* | |
| | | *For Backdraft Damper, Add* | *173.77* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0015 | EA | 1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 4,487.63 | 640.02 |
| | | *For 12" Roof Curb, Add* | *268.51* | |
| | | *For Backdraft Damper, Add* | *192.50* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0016 | EA | 2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 4,523.92 | 640.02 |
| | | *For 12" Roof Curb, Add* | *268.51* | |
| | | *For Backdraft Damper, Add* | *192.50* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0017 | EA | 3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 4,915.61 | 640.02 |
| | | *For 12" Roof Curb, Add* | *268.51* | |
| | | *For Backdraft Damper, Add* | *192.50* | |
| | | *For Damper Motor, Add* | *181.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 23 00-0018 | EA | 5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster | 5,929.86 | 640.02 |
| | | *For 12" Roof Curb, Add* | *268.51* | |
| | | *For Backdraft Damper, Add* | *192.50* | |
| | | *For Damper Motor, Add* | *181.69* | |
| 23 34 23 00-0019 | | **Propeller Exhaust Fans, Roof Mounted Upblast** *(23 34 23 00-0001)* | | |
| | | Note: Includes back draft damper and birdscreen and curb. | | |
| 23 34 23 00-0020 | EA | 30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure | 7,447.61 | 787.48 |
| 23 34 23 00-0021 | EA | 36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure | 12,234.60 | 1,023.73 |
| 23 34 23 00-0022 | | **Belt Drive Supply Fans** *(23 34 23 00-0001)* | | |
| 23 34 23 00-0023 | EA | 4,500 CFM, 24" x 24" Supply Fan, Roof Mounted | 2,931.84 | 408.90 |
| 23 34 23 00-0024 | EA | 10,000 CFM, 36" x 36" Supply Fan, Roof Mounted | 3,966.97 | 511.92 |
| 23 34 23 00-0025 | | **Fan Thermostat** *(23 34 23 00-0001)* | | |
| 23 34 23 00-0026 | EA | 50 To 120 Degree Line Voltage Fan Thermostat | 129.38 | |
| 23 34 23 00-0027 | | **Power Wall Ventilators** *(23 34 23)* | | |
| 23 34 23 00-0028 | | **Centrifugal Sidewall Exhausters** *(23 34 23 00-0027)* | | |
| 23 34 23 00-0029 | | **Direct Drive, Aluminum, Centrifugal Sidewall Exhauster** *(23 34 23 00-0028)* | | |
| | | Note: Greenheck CW. | | |
| 23 34 23 00-0030 | EA | 1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster | 894.78 | 164.87 |
| | | *For Solid State Speed Control, Add* | *137.65* | |
| | | *For Backdraft Damper, Add* | *139.71* | |
| | | *For Damper Motor, Add* | *301.57* | |
| | | *For Interior Wall Grill, Add* | *100.96* | |
| 23 34 23 00-0031 | EA | 1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster | 1,024.41 | 193.54 |
| | | *For Solid State Speed Control, Add* | *137.65* | |
| | | *For Backdraft Damper, Add* | *155.04* | |
| | | *For Damper Motor, Add* | *301.57* | |
| | | *For Interior Wall Grill, Add* | *120.13* | |
| 23 34 23 00-0032 | EA | 1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster | 1,577.53 | 218.12 |
| | | *For Solid State Speed Control, Add* | *137.65* | |
| | | *For Backdraft Damper, Add* | *175.48* | |
| | | *For Damper Motor, Add* | *301.57* | |
| | | *For Interior Wall Grill, Add* | *139.29* | |
| 23 34 23 00-0033 | | **Belt Drive, Aluminum, Centrifugal Sidewall Exhausters** *(23 34 23 00-0028)* | | |
| | | Note: Greenheck CWB. | | |
| 23 34 23 00-0034 | EA | 1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster | 1,902.27 | 123.15 |
| | | *For Solid State Speed Control, Add* | *137.65* | |
| | | *For Backdraft Damper, Add* | *164.55* | |
| | | *For Damper Motor, Add* | *301.57* | |
| | | *For Interior Wall Grill, Add* | *211.39* | |
| 23 34 23 00-0035 | EA | 1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster | 2,011.97 | 138.68 |
| | | *For Solid State Speed Control, Add* | *137.65* | |
| | | *For Backdraft Damper, Add* | *164.55* | |
| | | *For Damper Motor, Add* | *301.57* | |
| | | *For Interior Wall Grill, Add* | *211.39* | |
| 23 34 23 00-0036 | EA | 3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster | 2,467.80 | 158.64 |
| | | *For Solid State Speed Control, Add* | *137.65* | |
| | | *For Backdraft Damper, Add* | *204.99* | |
| | | *For Damper Motor, Add* | *301.57* | |
| | | *For Interior Wall Grill, Add* | *245.68* | |
| **23 34 33** | | **Air Curtains** *(23 34)* | | |
| 23 34 33 00-0001 | | **Unheated Air Curtains For Entrances** *(23 34 33)* | | |
| 23 34 33 00-0002 | | **Unheated Air Curtains, Standard Velocity** *(23 34 33 00-0001)* | | |
| 23 34 33 00-0003 | EA | Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated | 2,178.05 | 750.61 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 33 00-0004 | EA | Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated | 2,208.64 | 750.61 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0005 | EA | Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated | 2,241.79 | 750.61 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0006 | EA | Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated | 2,789.95 | 750.61 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0007 | EA | Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated | 3,165.40 | 901.15 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0008 | EA | Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated | 3,356.62 | 901.15 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0009 | EA | Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated | 3,719.65 | 1,039.39 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0010 | EA | Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated | 4,483.26 | 1,039.39 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0011 | EA | Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated | 4,580.14 | 1,039.39 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 33 00-0012 | EA | Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated | 4,837.65 | 1,039.39 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add* | *479.45* | |
| | | *For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø* | *356.16* | |
| | | *For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add* | *547.94* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0013 | | Unheated Air Curtains, High Velocity *(23 34 33 00-0001)* | | |
| 23 34 33 00-0014 | EA | High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated | 2,685.42 | 750.61 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0015 | EA | High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated | 2,724.94 | 750.61 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0016 | EA | High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated | 2,741.51 | 750.61 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0017 | EA | High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated | 2,773.38 | 750.61 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0018 | EA | High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated | 4,328.02 | 901.15 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0019 | EA | High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated | 4,524.33 | 901.15 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0020 | EA | High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated | 4,814.71 | 1,039.39 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0021 | EA | High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated | 5,494.18 | 1,039.39 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0022 | EA | High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated | 5,565.56 | 1,039.39 |
| | | Note: Includes housing, mounting brackets and manual controls. | | |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 33 00-0023 | EA | High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated<br>Note: Includes housing, mounting brackets and manual controls. | 5,843.47 | 1,039.39 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Industrial Floor-Mounted Magnetic Reed Switch Only, Add* | *297.16* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0024 | | Service Window Unheated Air Curtains *(23 34 33 00-0001)*<br>Note: Normal window sizes. | | |
| 23 34 33 00-0025 | EA | Air Curtain For 2.5' x 5' Service Window, Unheated<br>Note: Includes housing, mounting brackets and manual controls. | 1,934.12 | 591.89 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0026 | | Heated Air Curtains For Entrances *(23 34 33)*<br>Note: Includes housing, mounting brackets and manual controls. | | |
| 23 34 33 00-0027 | EA | 60" Heated Air Curtain With 1- 300 MBH Heater | 3,704.50 | 661.01 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0028 | EA | 60" Heated Air Curtain With 1- 400 MBH Heater | 4,022.12 | 661.01 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0029 | EA | 72" Heated Air Curtain With 1- 350 MBH Heater | 4,444.74 | 793.12 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0030 | EA | 72" Heated Air Curtain With 2- 250 MBH Heaters | 4,825.88 | 793.12 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0031 | EA | 96" Heated Air Curtain With 1- 400 MBH Heater | 5,925.45 | 1,057.31 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0032 | EA | 96" Heated Air Curtain With 2- 350 MBH Heaters | 6,433.64 | 1,057.31 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0033 | EA | 117" Heated Air Curtain With 2- 300 MBH Heaters | 7,220.72 | 1,288.23 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0034 | EA | 117" Heated Air Curtain With 2- 400 MBH Heaters | 7,840.07 | 1,288.23 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0035 | EA | 147" Heated Air Curtain With 2- 350 MBH Heaters | 9,072.76 | 1,618.48 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0036 | EA | 147" Heated Air Curtain With 3- 350 MBH Heaters | 10,613.21 | 1,618.48 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 34 33 00-0037 | EA | 168" Heated Air Curtain With 2- 400 MBH Heaters | 10,369.54 | 1,849.91 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0038 | EA | 168" Heated Air Curtain With 3- 400 MBH Heaters | 12,129.67 | 1,849.91 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0039 | EA | 192" Heated Air Curtain With 2- 400 MBH Heaters | 11,847.41 | 2,114.11 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |
| 23 34 33 00-0040 | EA | 192" Heated Air Curtain With 4- 350 MBH Heaters | 13,859.00 | 2,114.11 |
| | | *For Door Limit Switch, Combination Roller And Plunger, Add* | *176.12* | |
| | | *For Flat Side Extension Plates, Add* | *148.58* | |
| | | *For Clearance Adjustable-Angle Mounting Bracket, Add* | *297.16* | |
| | | *For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *356.59* | |
| | | *For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add* | *376.40* | |

## 23 35 Special Exhaust Systems *(23 30)*

See CSI section 23 31 13 16-0075 for spiral duct/piping.

### 23 35 13 Dust Collection Systems *(23 35)*

### 23 35 13 13 Sawdust Collection Systems *(23 35 13)*

#### 23 35 13 13-0001 Dust Collector System *(23 35 13 13)*

| | | | | |
|---|---|---|---|---|
| 23 35 13 13-0002 | EA | 1.5 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin. | 4,003.92 | 887.55 |
| 23 35 13 13-0003 | EA | 2 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin. | 4,490.73 | 1,053.97 |
| 23 35 13 13-0004 | EA | 2-1/2 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin. | 5,393.94 | 1,220.38 |
| 23 35 13 13-0005 | EA | 3 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin. | 6,153.98 | 1,442.27 |
| 23 35 13 13-0006 | EA | 5 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin. | 12,883.13 | 1,623.55 |
| 23 35 13 13-0007 | EA | 7-1/2 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin. | 15,628.92 | 1,894.15 |
| 23 35 13 13-0008 | EA | 10 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin. | 17,902.27 | 2,164.74 |
| 23 35 13 13-0009 | EA | 15 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin. | 20,131.19 | 2,489.45 |
| 23 35 13 13-0010 | EA | 20 HP Dust Collector Central Vacuum Unit<br>Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin. | 22,464.19 | 2,814.17 |

#### 23 35 13 13-0011 Vacuum Tubing And Accessories *(23 35 13 13)*

#### 23 35 13 13-0012 Vacuum Tubing *(23 35 13 13-0011)*

#### 23 35 13 13-0013 Flexible Hose *(23 35 13 13-0012)*

| | | | | |
|---|---|---|---|---|
| 23 35 13 13-0014 | LF | 2" Flexible Hose | 11.30 | 1.84 |
| 23 35 13 13-0015 | LF | 3" Flexible Hose | 13.53 | 2.05 |
| 23 35 13 13-0016 | LF | 4" Flexible Hose | 14.68 | 2.26 |

#### 23 35 13 13-0017 Galvanized Vacuum Tubing *(23 35 13 13-0012)*

| | | | | |
|---|---|---|---|---|
| 23 35 13 13-0018 | LF | 2-1/8" Outside Diameter Vacuum Tubing, Galvanized | 9.57 | 1.84 |
| 23 35 13 13-0019 | LF | 2-1/2" Outside Diameter Vacuum Tubing, Galvanized | 10.71 | 1.95 |
| 23 35 13 13-0020 | LF | 3" Outside Diameter Vacuum Tubing, Galvanized | 12.74 | 2.05 |
| 23 35 13 13-0021 | LF | 3-1/2" Outside Diameter Vacuum Tubing, Galvanized | 16.55 | 2.15 |
| 23 35 13 13-0022 | LF | 4" Outside Diameter Vacuum Tubing, Galvanized | 17.02 | 2.26 |
| 23 35 13 13-0023 | LF | 5" Outside Diameter Vacuum Tubing, Galvanized | 28.11 | 2.56 |
| 23 35 13 13-0024 | LF | 6" Outside Diameter Vacuum Tubing, Galvanized | 31.68 | 2.97 |
| 23 35 13 13-0025 | LF | 8" Outside Diameter Vacuum Tubing, Galvanized | 42.86 | 4.09 |
| 23 35 13 13-0026 | LF | 10" Outside Diameter Vacuum Tubing, Galvanized | 50.23 | 5.12 |
| 23 35 13 13-0027 | LF | 12" Outside Diameter Vacuum Tubing, Galvanized | 124.86 | 6.76 |

#### 23 35 13 13-0028 Vacuum Fittings, Galvanized *(23 35 13 13-0011)*

#### 23 35 13 13-0029 90 Degree Elbow *(23 35 13 13-0028)*

| | | | | |
|---|---|---|---|---|
| 23 35 13 13-0030 | EA | 2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized | 48.20 | 11.77 |
| 23 35 13 13-0031 | EA | 2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized | 59.50 | 12.60 |
| 23 35 13 13-0032 | EA | 3" 90 Degree Elbow, Vacuum Tubing, Galvanized | 74.04 | 13.72 |
| 23 35 13 13-0033 | EA | 3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized | 87.27 | 14.85 |
| 23 35 13 13-0034 | EA | 4" 90 Degree Elbow, Vacuum Tubing, Galvanized | 103.87 | 16.39 |
| 23 35 13 13-0035 | EA | 5" 90 Degree Elbow, Vacuum Tubing, Galvanized | 171.05 | 18.22 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 35 13 13-0036 | EA | 6" 90 Degree Elbow, Vacuum Tubing, Galvanized | 226.78 | 20.48 |
| 23 35 13 13-0037 | EA | 8" 90 Degree Elbow, Vacuum Tubing, Galvanized | 406.33 | 27.34 |
| **23 35 13 13-0038** | | **45 Degree Elbow** *(23 35 13 13-0028)* | | |
| 23 35 13 13-0039 | EA | 2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized | 45.21 | 11.77 |
| 23 35 13 13-0040 | EA | 2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized | 57.03 | 12.60 |
| 23 35 13 13-0041 | EA | 3" 45 Degree Elbow, Vacuum Tubing, Galvanized | 65.75 | 13.72 |
| 23 35 13 13-0042 | EA | 3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized | 77.93 | 14.85 |
| 23 35 13 13-0043 | EA | 4" 45 Degree Elbow, Vacuum Tubing, Galvanized | 95.23 | 16.39 |
| 23 35 13 13-0044 | EA | 5" 45 Degree Elbow, Vacuum Tubing, Galvanized | 141.09 | 18.22 |
| 23 35 13 13-0045 | EA | 6" 45 Degree Elbow, Vacuum Tubing, Galvanized | 182.72 | 20.48 |
| 23 35 13 13-0046 | EA | 8" 45 Degree Elbow, Vacuum Tubing, Galvanized | 332.31 | 27.34 |
| **23 35 13 13-0047** | | **Wye** *(23 35 13 13-0028)* | | |
| 23 35 13 13-0048 | EA | 2-1/8" Wye, Vacuum Tubing, Galvanized | 87.32 | 19.45 |
| 23 35 13 13-0049 | EA | 2-1/2" Wye, Vacuum Tubing, Galvanized | 104.64 | 20.99 |
| 23 35 13 13-0050 | EA | 3" Wye, Vacuum Tubing, Galvanized | 127.40 | 22.53 |
| 23 35 13 13-0051 | EA | 3-1/2" Wye, Vacuum Tubing, Galvanized | 154.55 | 25.09 |
| 23 35 13 13-0052 | EA | 4" Wye, Vacuum Tubing, Galvanized | 205.39 | 27.13 |
| 23 35 13 13-0053 | EA | 5" Wye, Vacuum Tubing, Galvanized | 345.56 | 30.21 |
| 23 35 13 13-0054 | EA | 6" Wye, Vacuum Tubing, Galvanized | 457.30 | 34.31 |
| 23 35 13 13-0055 | EA | 8" Wye, Vacuum Tubing, Galvanized | 900.67 | 37.37 |
| 23 35 13 13-0056 | EA | 10" Wye, Vacuum Tubing, Galvanized | 1,246.33 | 40.96 |
| 23 35 13 13-0057 | EA | 12" Wye, Vacuum Tubing, Galvanized | 1,573.96 | 45.88 |
| **23 35 13 13-0058** | | **Reducer** *(23 35 13 13-0028)* | | |
| 23 35 13 13-0059 | EA | 3" Reducer, Vacuum Tubing, Galvanized | 49.88 | 13.72 |
| 23 35 13 13-0060 | EA | 4" Reducer, Vacuum Tubing, Galvanized | 55.45 | 14.85 |
| 23 35 13 13-0061 | EA | 5" Reducer, Vacuum Tubing, Galvanized | 69.83 | 16.39 |
| 23 35 13 13-0062 | EA | 6" Reducer, Vacuum Tubing, Galvanized | 75.37 | 18.22 |
| 23 35 13 13-0063 | EA | 8" Reducer, Vacuum Tubing, Galvanized | 88.12 | 20.48 |
| **23 35 13 13-0064** | | **Air Gate Valve, Galvanized** *(23 35 13 13-0011)* | | |
| 23 35 13 13-0065 | EA | 2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized | 339.49 | 27.34 |
| 23 35 13 13-0066 | EA | 2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized | 355.68 | 29.19 |
| 23 35 13 13-0067 | EA | 3" Air Gate Valve, Vacuum Tubing, Galvanized | 408.45 | 31.44 |
| 23 35 13 13-0068 | EA | 3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized | 465.12 | 33.58 |
| 23 35 13 13-0069 | EA | 4" Air Gate Valve, Vacuum Tubing, Galvanized | 524.18 | 35.64 |
| 23 35 13 13-0070 | EA | 5" Air Gate Valve, Vacuum Tubing, Galvanized | 618.86 | 40.66 |
| 23 35 13 13-0071 | EA | 6" Air Gate Valve, Vacuum Tubing, Galvanized | 712.66 | 45.57 |

## 23 35 16 Engine Exhaust Systems *(23 35)*

### 23 35 16 16 Mechanical Engine Exhaust Systems *(23 35 16)*

**23 35 16 16-0001** Tailpipe Exhaust Equipment *(23 35 16 16)*

**23 35 16 16-0002** Overhead Tailpipe Exhaust System *(23 35 16 16-0001)*

**23 35 16 16-0003** Overhead Tailpipe Exhaust Blowers *(23 35 16 16-0002)*

**23 35 16 16-0004** Overhead Direct Drive Tailpipe Exhaust Blowers *(23 35 16 16-0003)*

| | | | | |
|---|---|---|---|---|
| 23 35 16 16-0005 | EA | 495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System | 3,270.58 | 218.12 |
| 23 35 16 16-0006 | EA | 1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System | 3,776.10 | 445.46 |
| 23 35 16 16-0007 | EA | 1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System | 5,259.42 | 539.67 |

**23 35 16 16-0008** Overhead Belt Drive Tailpipe Exhaust Blowers *(23 35 16 16-0003)*

| | | | | |
|---|---|---|---|---|
| 23 35 16 16-0009 | EA | 1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System | 3,670.85 | 445.46 |
| 23 35 16 16-0010 | EA | 2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System | 3,907.48 | 539.67 |
| 23 35 16 16-0011 | EA | 2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System | 4,667.59 | 854.04 |
| 23 35 16 16-0012 | EA | 4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System | 5,709.54 | 1,101.86 |
| 23 35 16 16-0013 | EA | 7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System | 7,219.26 | 1,312.80 |

**23 35 16 16-0014** Spiral Exhaust Duct Accessories *(23 35 16 16-0002)*

**23 35 16 16-0015** Flex Hose x Length *(23 35 16 16-0014)*

Note: Includes duct coupler, damper and tailpipe adapter.

| | | | | |
|---|---|---|---|---|
| 23 35 16 16-0016 | EA | 3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 151.67 | 54.28 |
| 23 35 16 16-0017 | EA | 3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 131.64 | 54.28 |
| 23 35 16 16-0018 | EA | 4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 233.30 | 86.02 |
| 23 35 16 16-0019 | EA | 4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 199.83 | 86.02 |
| 23 35 16 16-0020 | EA | 5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 334.93 | 136.20 |
| 23 35 16 16-0021 | EA | 5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 322.95 | 136.20 |
| 23 35 16 16-0022 | EA | 6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 513.83 | 216.07 |
| 23 35 16 16-0023 | EA | 6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 488.63 | 216.07 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 35 16 16-0024 | | Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter *(23 35 16 16-0014)* | | |
| 23 35 16 16-0025 | EA | 4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 167.64 | 54.28 |
| 23 35 16 16-0026 | EA | 5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 244.96 | 86.02 |
| 23 35 16 16-0027 | EA | 4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 144.57 | 54.28 |
| 23 35 16 16-0028 | EA | 5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 210.73 | 86.02 |
| 23 35 16 16-0029 | EA | 6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter | 1,228.90 | 73.11 |
| 23 35 16 16-0030 | EA | 8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter | 1,092.38 | 134.15 |
| 23 35 16 16-0031 | EA | 10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter | 1,200.86 | 134.15 |
| 23 35 16 16-0032 | LF | 8" Heat-Resistant Fabric Flex Hose (650 Degree F.) | 58.40 | 10.44 |
| 23 35 16 16-0033 | LF | 10" Heat-Resistant Fabric Flex Hose (650 Degree F.) | 65.07 | 10.44 |
| 23 35 16 16-0034 | | Flexible Hose *(23 35 16 16-0014)* | | |
| 23 35 16 16-0035 | LF | 3" Stainless Steel Flexible Tubing | 34.18 | 2.56 |
| 23 35 16 16-0036 | LF | 4" Stainless Steel Flexible Tubing | 43.46 | 2.86 |
| 23 35 16 16-0037 | LF | 5" Stainless Steel Flexible Tubing | 51.62 | 2.97 |
| 23 35 16 16-0038 | LF | 6" Stainless Steel Flexible Tubing | 60.89 | 3.17 |
| 23 35 16 16-0039 | LF | 3" Galvanized Flexible Tubing | 19.24 | 2.56 |
| 23 35 16 16-0040 | LF | 4" Galvanized Flexible Tubing | 22.56 | 2.86 |
| 23 35 16 16-0041 | LF | 5" Galvanized Flexible Tubing | 25.84 | 2.97 |
| 23 35 16 16-0042 | LF | 6" Galvanized Flexible Tubing | 28.79 | 3.17 |
| 23 35 16 16-0043 | | Accessories *(23 35 16 16-0002)* | | |
| 23 35 16 16-0044 | EA | 3" Tail Pipe Adapter | 48.47 | 7.68 |
| 23 35 16 16-0045 | EA | 4" Tail Pipe Adapter | 49.79 | 7.68 |
| 23 35 16 16-0046 | EA | 5" Tail Pipe Adapter | 53.17 | 8.71 |
| 23 35 16 16-0047 | EA | 3" Bullnose (Guide) | 27.16 | 5.12 |
| 23 35 16 16-0048 | EA | 4" Bullnose (Guide) | 28.93 | 5.63 |
| 23 35 16 16-0049 | EA | 5" Bullnose (Guide) | 30.91 | 6.15 |
| 23 35 16 16-0050 | EA | Flex-Hose Winch And Associated Hardware | 205.24 | 58.07 |
| 23 35 16 16-0051 | LF | Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope | 0.11 | |
| **23 35 19** | | **Fume Exhaust Systems** *(23 35)* | | |
| 23 35 19 00-0001 | EA | Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle | 2,296.74 | 409.30 |
| 23 35 19 00-0002 | EA | Hose Extension Kit 5' | 373.81 | 90.93 |
| 23 36 | | Air Terminal Units *(23 30)* | | |
| **23 36 13** | | **Constant-Air-Volume Units** *(23 36)* | | |
| 23 36 13 00-0001 | | Vertical Units, With Electric Heating Coils *(23 36 13)* | | |
| 23 36 13 00-0002 | EA | 60 CFM Vertical Induction Unit, With Electric Heating Coils | 1,448.27 | 151.01 |
| 23 36 13 00-0003 | EA | 90 CFM Vertical Induction Unit, With Electric Heating Coils | 1,736.08 | 162.62 |
| 23 36 13 00-0004 | EA | 120 CFM Vertical Induction Unit, With Electric Heating Coils | 1,850.52 | 168.44 |
| 23 36 13 00-0005 | EA | 150 CFM Vertical Induction Unit, With Electric Heating Coils | 1,976.57 | 180.05 |
| 23 36 13 00-0006 | EA | 175 CFM Vertical Induction Unit, With Electric Heating Coils | 2,224.05 | 185.86 |
| 23 36 13 00-0007 | | Horizontal Units, With Electric Heating Coils *(23 36 13)* | | |
| 23 36 13 00-0008 | EA | 60 CFM Horizontal Induction Unit, With Electric Heating Coils | 1,236.72 | 151.01 |
| 23 36 13 00-0009 | EA | 90 CFM Horizontal Induction Unit, With Electric Heating Coils | 1,471.50 | 162.62 |
| 23 36 13 00-0010 | EA | 120 CFM Horizontal Induction Unit, With Electric Heating Coils | 1,748.43 | 171.34 |
| 23 36 13 00-0011 | | Duct Boxes, Constant Volume Control *(23 36 13)* | | |
| 23 36 13 00-0012 | | Single Duct Boxes, Constant Volume Control *(23 36 13 00-0011)* | | |
| 23 36 13 00-0013 | EA | 4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control | 1,285.52 | 42.15 |
| | | *For Boxes With Motor, Add* | *223.82* | |
| 23 36 13 00-0014 | EA | 6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control | 1,422.97 | 45.49 |
| | | *For Boxes With Motor, Add* | *248.28* | |
| 23 36 13 00-0015 | EA | 7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control | 1,477.81 | 49.92 |
| | | *For Boxes With Motor, Add* | *255.62* | |
| 23 36 13 00-0016 | EA | 9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control | 1,504.47 | 52.14 |
| | | *For Boxes With Motor, Add* | *259.29* | |
| 23 36 13 00-0017 | EA | 12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control | 1,525.98 | 57.69 |
| | | *For Boxes With Motor, Add* | *259.29* | |
| 23 36 13 00-0018 | EA | 14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control | 1,745.38 | 64.35 |
| | | *For Boxes With Motor, Add* | *297.21* | |
| 23 36 13 00-0019 | EA | 16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control | 1,830.49 | 72.12 |
| | | *For Boxes With Motor, Add* | *308.21* | |
| 23 36 13 00-0020 | EA | 20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control | 1,940.96 | 86.54 |
| | | *For Boxes With Motor, Add* | *319.33* | |
| 23 36 13 00-0021 | EA | 24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control | 2,050.54 | 99.85 |
| | | *For Boxes With Motor, Add* | *330.23* | |
| 23 36 13 00-0022 | | Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0011)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 36 13 00-0023 | EA | 4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control | 1,811.99 | 42.15 |
| | | *For Boxes With Motor, Add* | *329.12* | |
| 23 36 13 00-0024 | EA | 6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control | 1,938.22 | 45.49 |
| | | *For Boxes With Motor, Add* | *351.33* | |
| 23 36 13 00-0025 | EA | 7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control | 2,022.33 | 49.92 |
| | | *For Boxes With Motor, Add* | *364.53* | |
| 23 36 13 00-0026 | EA | 9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control | 2,107.03 | 52.14 |
| | | *For Boxes With Motor, Add* | *379.80* | |
| 23 36 13 00-0027 | EA | 12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control | 2,128.54 | 57.69 |
| | | *For Boxes With Motor, Add* | *379.80* | |
| 23 36 13 00-0028 | EA | 14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control | 2,446.51 | 65.46 |
| | | *For Boxes With Motor, Add* | *437.43* | |
| 23 36 13 00-0029 | EA | 16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control | 2,674.30 | 72.12 |
| | | *For Boxes With Motor, Add* | *477.01* | |
| 23 36 13 00-0030 | EA | 20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control | 2,878.64 | 86.54 |
| | | *For Boxes With Motor, Add* | *506.87* | |
| 23 36 13 00-0031 | EA | 24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control | 3,003.16 | 99.85 |
| | | *For Boxes With Motor, Add* | *520.75* | |

## 23 36 16 Variable-Air-Volume Units *(23 36)*

### 23 36 16 00-0001 Variable Volume Terminal Unit *(23 36 16)*

Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.

### 23 36 16 00-0002 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: Enclosure only. For mounting DDC controls.

| | | | | |
|---|---|---|---|---|
| 23 36 16 00-0003 | EA | 6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only<br>Note: For mounting DDC controls | 552.48 | 51.03 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0004 | EA | 8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only<br>Note: For mounting DDC controls | 618.01 | 57.69 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0005 | EA | 10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only<br>Note: For mounting DDC controls | 687.77 | 64.35 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0006 | EA | 12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only<br>Note: For mounting DDC controls | 733.35 | 72.12 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0007 | EA | 14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only<br>Note: For mounting DDC controls | 1,012.44 | 155.21 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0008 | EA | 16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only<br>Note: For mounting DDC controls | 1,216.42 | 184.17 |
| | | *For Filters And Frames, Add* | *6.30* | |

### 23 36 16 00-0009 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With pneumatic controls.

| | | | | |
|---|---|---|---|---|
| 23 36 16 00-0010 | EA | 6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller | 1,167.55 | 51.03 |
| | | *For Fan Powered Variable Air Volume Box, Add* | *1,242.98* | |
| | | *For Hot Water Coils, Add* | *391.68* | |
| | | *For Pressure Independent Actuator, Add* | *67.57* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0011 | EA | 8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller | 1,261.95 | 57.69 |
| | | *For Fan Powered Variable Air Volume Box, Add* | *1,331.14* | |
| | | *For Hot Water Coils, Add* | *418.69* | |
| | | *For Pressure Independent Actuator, Add* | *67.57* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0012 | EA | 10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller | 1,320.61 | 64.35 |
| | | *For Fan Powered Variable Air Volume Box, Add* | *1,372.49* | |
| | | *For Hot Water Coils, Add* | *430.39* | |
| | | *For Pressure Independent Actuator, Add* | *67.57* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0013 | EA | 12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller | 1,377.28 | 72.12 |
| | | *For Fan Powered Variable Air Volume Box, Add* | *1,411.09* | |
| | | *For Hot Water Coils, Add* | *441.20* | |
| | | *For Pressure Independent Actuator, Add* | *67.57* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0014 | EA | 14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller | 1,596.42 | 155.21 |
| | | *For Fan Powered Variable Air Volume Box, Add* | *1,583.26* | |
| | | *For Hot Water Coils, Add* | *491.62* | |
| | | *For Pressure Independent Actuator, Add* | *67.57* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0015 | EA | 16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller | 1,849.26 | 184.17 |
| | | *For Fan Powered Variable Air Volume Box, Add* | *1,716.08* | |
| | | *For Hot Water Coils, Add* | *524.94* | |
| | | *For Pressure Independent Actuator, Add* | *67.57* | |
| | | *For Filters And Frames, Add* | *6.30* | |

### 23 36 16 00-0016 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With analog electronic controls.

| | | | | |
|---|---|---|---|---|
| 23 36 16 00-0017 | EA | 6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls | 1,933.61 | 51.03 |
| | | *For Hot Water Coils, Add* | *702.31* | |
| | | *For Filters And Frames, Add* | *6.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 36 16 00-0018 | EA | 8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls | 2,010.25 | 57.69 |
| | | *For Hot Water Coils, Add* | *722.12* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0019 | EA | 10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls | 2,080.01 | 64.35 |
| | | *For Hot Water Coils, Add* | *738.33* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0020 | EA | 12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls | 2,178.88 | 72.12 |
| | | *For Hot Water Coils, Add* | *766.24* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0021 | EA | 14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls | 2,400.23 | 155.21 |
| | | *For Hot Water Coils, Add* | *817.57* | |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0022 | EA | 16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls | 2,444.64 | 155.21 |
| | | *For Hot Water Coils, Add* | *835.57* | |
| | | *For Filters And Frames, Add* | *6.30* | |

### 23 36 16 00-0023 Dual Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With flow control installation, plenum system power box, thermostat.

| | | | | |
|---|---|---|---|---|
| 23 36 16 00-0024 | EA | 6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct | 1,323.08 | 100.84 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0025 | EA | 8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct | 1,446.41 | 114.83 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0026 | EA | 10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct | 1,547.82 | 129.69 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0027 | EA | 12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct | 1,697.19 | 144.67 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0028 | EA | 14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct | 1,907.63 | 166.41 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0029 | EA | 16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct | 2,093.49 | 199.70 |
| | | *For Filters And Frames, Add* | *6.30* | |

### 23 36 16 00-0030 Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) *(23 36 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 36 16 00-0031 | EA | 0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A) | 543.96 | 69.34 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0032 | EA | 0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B) | 590.36 | 76.27 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0033 | EA | 0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C) | 638.07 | 83.21 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0034 | EA | 0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D) | 687.15 | 90.14 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0035 | EA | 0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E) | 737.76 | 97.07 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0036 | EA | 0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F) | 789.96 | 104.01 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0037 | EA | 0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G) | 848.26 | 110.95 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0038 | EA | 0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H) | 904.32 | 117.88 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0039 | EA | 0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J) | 962.36 | 124.81 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0040 | EA | 0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K) | 1,022.50 | 131.74 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0041 | EA | 0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L) | 1,084.94 | 138.68 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0042 | EA | 0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) | 1,149.78 | 145.62 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0043 | EA | 0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N) | 1,217.22 | 152.55 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0044 | EA | 0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P) | 1,281.43 | 159.48 |
| | | *For Filters And Frames, Add* | *6.30* | |
| 23 36 16 00-0045 | EA | 0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R) | 1,354.22 | 166.41 |
| | | *For Filters And Frames, Add* | *6.30* | |

## 23 37 Air Outlets and Inlets *(23 30)*

### 23 37 13 Diffusers, Registers, and Grilles *(23 37)*

### 23 37 13 13 Diffusers, Registers, and Grilles *(23 37 13)*

### 23 37 13 13-0001 Ceiling Diffusers *(23 37 13 13)*

### 23 37 13 13-0002 Ceiling Diffusers With Perforated Face *(23 37 13 13-0001)*

Note: Flush mount, aluminum construction, includes damper.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0003 | EA | 6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 112.17 | 14.43 |
| | | *For Steel Construction, Deduct* | *-8.27* | |
| | | *For Surface Mount, Deduct* | *-6.61* | |
| | | *For Diffuser Without Damper, Deduct* | *-11.02* | |
| | | *For Stainless Steel, Add* | *137.78* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0004 | EA | 8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 124.42 | 14.43 |
| | | *For Steel Construction, Deduct* | *-10.10* | |
| | | *For Surface Mount, Deduct* | *-8.08* | |
| | | *For Diffuser Without Damper, Deduct* | *-13.47* | |
| | | *For Stainless Steel, Add* | *168.40* | |
| 23 37 13 13-0005 | EA | 9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 124.42 | 14.43 |
| | | *For Steel Construction, Deduct* | *-10.10* | |
| | | *For Surface Mount, Deduct* | *-8.08* | |
| | | *For Diffuser Without Damper, Deduct* | *-13.47* | |
| | | *For Stainless Steel, Add* | *168.40* | |
| 23 37 13 13-0006 | EA | 10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 149.49 | 17.75 |
| | | *For Steel Construction, Deduct* | *-12.09* | |
| | | *For Surface Mount, Deduct* | *-9.68* | |
| | | *For Diffuser Without Damper, Deduct* | *-16.13* | |
| | | *For Stainless Steel, Add* | *201.58* | |
| 23 37 13 13-0007 | EA | 12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 149.49 | 16.64 |
| | | *For Steel Construction, Deduct* | *-12.09* | |
| | | *For Surface Mount, Deduct* | *-9.68* | |
| | | *For Diffuser Without Damper, Deduct* | *-16.13* | |
| | | *For Stainless Steel, Add* | *201.58* | |
| 23 37 13 13-0008 | EA | 16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 171.94 | 16.64 |
| | | *For Steel Construction, Deduct* | *-15.46* | |
| | | *For Surface Mount, Deduct* | *-12.37* | |
| | | *For Diffuser Without Damper, Deduct* | *-20.62* | |
| | | *For Stainless Steel, Add* | *257.70* | |
| 23 37 13 13-0009 | EA | 18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 197.29 | 22.19 |
| | | *For Steel Construction, Deduct* | *-16.63* | |
| | | *For Surface Mount, Deduct* | *-13.30* | |
| | | *For Diffuser Without Damper, Deduct* | *-22.17* | |
| | | *For Stainless Steel, Add* | *277.10* | |
| 23 37 13 13-0010 | EA | 20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 229.17 | 23.29 |
| | | *For Steel Construction, Deduct* | *-20.76* | |
| | | *For Surface Mount, Deduct* | *-16.61* | |
| | | *For Diffuser Without Damper, Deduct* | *-27.68* | |
| | | *For Stainless Steel, Add* | *346.00* | |
| 23 37 13 13-0011 | EA | 24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper | 259.57 | 26.63 |
| | | *For Steel Construction, Deduct* | *-23.09* | |
| | | *For Surface Mount, Deduct* | *-18.47* | |
| | | *For Lay-In Mount, Deduct* | *-18.47* | |
| | | *For Diffuser Without Damper, Deduct* | *-30.78* | |
| | | *For Stainless Steel, Add* | *384.78* | |

## 23 37 13 13-0012 Ceiling Diffusers With Louver Face *(23 37 13 13-0001)*

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0013 | EA | 6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 116.26 | 14.43 |
| | | *For Steel Construction, Deduct* | *-8.88* | |
| | | *For Flush Mount, Add* | *8.88* | |
| | | *For Stainless Steel, Add* | *148.00* | |
| 23 37 13 13-0014 | EA | 8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 132.18 | 14.43 |
| | | *For Steel Construction, Deduct* | *-11.27* | |
| | | *For Flush Mount, Add* | *11.27* | |
| | | *For Stainless Steel, Add* | *187.80* | |
| 23 37 13 13-0015 | EA | 9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 132.18 | 14.43 |
| | | *For Steel Construction, Deduct* | *-11.27* | |
| | | *For Flush Mount, Add* | *11.27* | |
| | | *For Stainless Steel, Add* | *187.80* | |
| 23 37 13 13-0016 | EA | 10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 158.68 | 16.64 |
| | | *For Steel Construction, Deduct* | *-13.47* | |
| | | *For Flush Mount, Add* | *13.47* | |
| | | *For Stainless Steel, Add* | *224.55* | |
| 23 37 13 13-0017 | EA | 12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 158.68 | 17.75 |
| | | *For Steel Construction, Deduct* | *-13.47* | |
| | | *For Flush Mount, Add* | *13.47* | |
| | | *For Stainless Steel, Add* | *224.55* | |
| 23 37 13 13-0018 | EA | 24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 204.41 | 22.19 |
| | | *For Steel Construction, Deduct* | *-17.64* | |
| | | *For Flush Mount, Add* | *17.64* | |
| | | *For Stainless Steel, Add* | *293.95* | |
| 23 37 13 13-0019 | EA | 14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 182.77 | 22.19 |
| | | *For Steel Construction, Deduct* | *-14.39* | |
| | | *For Flush Mount, Add* | *14.39* | |
| | | *For Stainless Steel, Add* | *239.85* | |
| 23 37 13 13-0020 | EA | 18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 228.19 | 26.63 |
| | | *For Steel Construction, Deduct* | *-18.46* | |
| | | *For Flush Mount, Add* | *18.46* | |
| | | *For Stainless Steel, Add* | *307.73* | |
| 23 37 13 13-0021 | EA | 21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 263.91 | 29.95 |
| | | *For Steel Construction, Deduct* | *-22.96* | |
| | | *For Flush Mount, Add* | *22.96* | |
| | | *For Stainless Steel, Add* | *382.73* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0022 | EA | 24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper | 288.32 | 58.69 |
| | | *For Steel Construction, Deduct* | *-25.63* | |
| | | *For Flush Mount, Add* | *25.63* | |
| | | *For Lay-In Mount, Add* | *34.17* | |
| | | *For Stainless Steel, Add* | *427.13* | |

## 23 37 13 13-0023 Round Ceiling Diffusers With Fixed Pattern *(23 37 13 13-0001)*

Note: Aluminum construction.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0024 | EA | 6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 189.56 | 14.43 |
| | | *For Steel Construction, Deduct* | *-39.75* | |
| | | *For Stainless Steel, Add* | *331.25* | |
| 23 37 13 13-0025 | EA | 8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 196.36 | 14.43 |
| | | *For Steel Construction, Deduct* | *-41.79* | |
| | | *For Stainless Steel, Add* | *348.25* | |
| 23 37 13 13-0026 | EA | 10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 221.74 | 17.75 |
| | | *For Steel Construction, Deduct* | *-45.86* | |
| | | *For Stainless Steel, Add* | *382.20* | |
| 23 37 13 13-0027 | EA | 12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 238.73 | 16.64 |
| | | *For Steel Construction, Deduct* | *-50.96* | |
| | | *For Stainless Steel, Add* | *424.68* | |
| 23 37 13 13-0028 | EA | 14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 341.48 | 19.97 |
| | | *For Steel Construction, Deduct* | *-78.48* | |
| | | *For Stainless Steel, Add* | *654.00* | |
| 23 37 13 13-0029 | EA | 16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 360.10 | 21.08 |
| | | *For Steel Construction, Deduct* | *-83.07* | |
| | | *For Stainless Steel, Add* | *692.23* | |
| 23 37 13 13-0030 | EA | 18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 379.01 | 22.19 |
| | | *For Steel Construction, Deduct* | *-87.65* | |
| | | *For Stainless Steel, Add* | *730.45* | |
| 23 37 13 13-0031 | EA | 20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 438.06 | 22.19 |
| | | *For Steel Construction, Deduct* | *-104.19* | |
| | | *For Stainless Steel, Add* | *868.23* | |
| 23 37 13 13-0032 | EA | 24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 522.64 | 25.52 |
| | | *For Steel Construction, Deduct* | *-126.84* | |
| | | *For Stainless Steel, Add* | *1,056.98* | |
| 23 37 13 13-0033 | EA | 28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 588.29 | 26.63 |
| | | *For Steel Construction, Deduct* | *-144.96* | |
| | | *For Stainless Steel, Add* | *1,207.98* | |
| 23 37 13 13-0034 | EA | 32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction | 702.58 | 29.95 |
| | | *For Steel Construction, Deduct* | *-175.53* | |
| | | *For Stainless Steel, Add* | *1,462.78* | |

## 23 37 13 13-0035 Round Ceiling Diffusers With Adjustable Pattern Dropped Style *(23 37 13 13-0001)*

Note: Aluminum construction.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0036 | EA | 6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 199.75 | 14.43 |
| | | *For Steel Construction, Deduct* | *-14.27* | |
| | | *For Flush Mount, Deduct* | *-7.13* | |
| | | *For Stainless Steel, Add* | *356.73* | |
| 23 37 13 13-0037 | EA | 8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 217.31 | 14.43 |
| | | *For Steel Construction, Deduct* | *-16.03* | |
| | | *For Flush Mount, Deduct* | *-8.01* | |
| | | *For Stainless Steel, Add* | *400.63* | |
| 23 37 13 13-0038 | EA | 10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 246.28 | 17.75 |
| | | *For Steel Construction, Deduct* | *-17.74* | |
| | | *For Flush Mount, Deduct* | *-8.87* | |
| | | *For Stainless Steel, Add* | *443.55* | |
| 23 37 13 13-0039 | EA | 12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 265.91 | 17.75 |
| | | *For Steel Construction, Deduct* | *-19.71* | |
| | | *For Flush Mount, Deduct* | *-9.85* | |
| | | *For Stainless Steel, Add* | *492.63* | |
| 23 37 13 13-0040 | EA | 14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 385.65 | 19.97 |
| | | *For Steel Construction, Deduct* | *-30.58* | |
| | | *For Flush Mount, Deduct* | *-15.29* | |
| | | *For Stainless Steel, Add* | *764.43* | |
| 23 37 13 13-0041 | EA | 16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 335.04 | 21.08 |
| | | *For Steel Construction, Deduct* | *-32.67* | |
| | | *For Flush Mount, Deduct* | *-16.34* | |
| | | *For Stainless Steel, Add* | *816.80* | |
| 23 37 13 13-0042 | EA | 18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 434.50 | 22.19 |
| | | *For Steel Construction, Deduct* | *-34.77* | |
| | | *For Flush Mount, Deduct* | *-17.38* | |
| | | *For Stainless Steel, Add* | *869.18* | |
| 23 37 13 13-0043 | EA | 20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 504.12 | 23.29 |
| | | *For Steel Construction, Deduct* | *-41.34* | |
| | | *For Flush Mount, Deduct* | *-20.67* | |
| | | *For Stainless Steel, Add* | *1,033.38* | |
| 23 37 13 13-0044 | EA | 24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 569.45 | 25.52 |
| | | *For Steel Construction, Deduct* | *-46.96* | |
| | | *For Flush Mount, Deduct* | *-23.48* | |
| | | *For Stainless Steel, Add* | *1,174.00* | |
| 23 37 13 13-0045 | EA | 28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 690.21 | 26.63 |
| | | *For Steel Construction, Deduct* | *-58.51* | |
| | | *For Flush Mount, Deduct* | *-29.26* | |
| | | *For Stainless Steel, Add* | *1,462.78* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0046 | EA | 32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 831.31 | 29.95 |
| | | *For Steel Construction, Deduct* | *-71.38* | |
| | | *For Flush Mount, Deduct* | *-35.69* | |
| | | *For Stainless Steel, Add* | *1,784.60* | |
| 23 37 13 13-0047 | EA | 36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction | 920.95 | 62.46 |
| | | *For Stainless Steel, Add* | *1,990.35* | |

## 23 37 13 13-0048 Linear Type Ceiling Diffusers With 2-Way Air Deflection *(23 37 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0049 | LF | 4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection | 152.31 | 16.64 |
| | | *For Stainless Steel, Add* | *214.35* | |
| 23 37 13 13-0050 | LF | 6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection | 163.96 | 16.64 |
| | | *For Stainless Steel, Add* | *243.48* | |
| 23 37 13 13-0051 | LF | 9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection | 178.31 | 16.64 |
| | | *For Stainless Steel, Add* | *279.35* | |
| 23 37 13 13-0052 | LF | 12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection | 192.28 | 16.64 |
| | | *For Stainless Steel, Add* | *314.28* | |

## 23 37 13 13-0053 Wall And Floor Diffusers *(23 37 13 13)*

## 23 37 13 13-0054 Slot Type Linear Diffusers *(23 37 13 13-0053)*

Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0055 | LF | 1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling | 51.61 | 5.55 |
| | | *For 3/4" Border, Add* | *7.08* | |
| | | *For Floor Mounted Diffusers, Add* | *8.49* | |
| | | *For Stainless Steel, Add* | *36.80* | |
| 23 37 13 13-0056 | LF | 2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling | 63.25 | 6.66 |
| | | *For 3/4" Border, Add* | *9.44* | |
| | | *For Floor Mounted Diffusers, Add* | *11.33* | |
| | | *For Stainless Steel, Add* | *49.08* | |
| 23 37 13 13-0057 | LF | 3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling | 88.32 | 7.77 |
| | | *For 3/4" Border, Add* | *14.87* | |
| | | *For Floor Mounted Diffusers, Add* | *17.84* | |
| | | *For Stainless Steel, Add* | *77.30* | |
| 23 37 13 13-0058 | LF | 4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling | 117.10 | 7.77 |
| | | *For 3/4" Border, Add* | *21.24* | |
| | | *For Floor Mounted Diffusers, Add* | *25.48* | |
| | | *For Stainless Steel, Add* | *110.42* | |
| 23 37 13 13-0059 | LF | 5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling | 147.06 | 8.88 |
| | | *For 3/4" Border, Add* | *27.61* | |
| | | *For Floor Mounted Diffusers, Add* | *33.13* | |
| | | *For Stainless Steel, Add* | *143.55* | |
| 23 37 13 13-0060 | LF | 6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling | 172.36 | 11.09 |
| | | *For 3/4" Border, Add* | *32.56* | |
| | | *For Floor Mounted Diffusers, Add* | *39.07* | |
| | | *For Stainless Steel, Add* | *169.30* | |

## 23 37 13 13-0061 Linear Bar Grilles And Registers *(23 37 13 13-0053)*

Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0062 | LF | 2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling | 162.34 | 6.66 |
| | | *For Floor Mount, Add* | *13.68* | |
| | | *For Opposed Blade Damper, Add* | *27.37* | |
| | | *For Stainless Steel, Add* | *177.89* | |
| 23 37 13 13-0063 | LF | 3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling | 194.01 | 7.77 |
| | | *For Floor Mount, Add* | *16.52* | |
| | | *For Opposed Blade Damper, Add* | *33.03* | |
| | | *For Stainless Steel, Add* | *214.70* | |
| 23 37 13 13-0064 | LF | 4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling | 211.47 | 7.77 |
| | | *For Floor Mount, Add* | *17.93* | |
| | | *For Opposed Blade Damper, Add* | *35.86* | |
| | | *For Stainless Steel, Add* | *233.10* | |
| 23 37 13 13-0065 | LF | 6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling | 259.19 | 11.09 |
| | | *For Floor Mount, Add* | *21.71* | |
| | | *For Opposed Blade Damper, Add* | *43.41* | |
| | | *For Stainless Steel, Add* | *282.18* | |
| 23 37 13 13-0066 | LF | 9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling | 358.56 | 14.43 |
| | | *For Floor Mount, Add* | *30.20* | |
| | | *For Opposed Blade Damper, Add* | *60.40* | |
| | | *For Stainless Steel, Add* | *392.59* | |
| 23 37 13 13-0067 | LF | 12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling | 413.32 | 16.64 |
| | | *For Floor Mount, Add* | *34.45* | |
| | | *For Opposed Blade Damper, Add* | *68.89* | |
| | | *For Stainless Steel, Add* | *447.80* | |

## 23 37 13 13-0068 Return/Exhaust Registers And Grilles *(23 37 13 13)*

## 23 37 13 13-0069 Return/Exhaust Registers With Frame *(23 37 13 13-0068)*

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0070 | EA | 8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 110.40 | 8.88 |
| | | *For Steel Construction, Deduct* | *-15.19* | |
| | | *For Grilles (No Damper), Deduct* | *-30.39* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *7.60* | |
| | | *For Cube Core Lay In, Add* | *15.19* | |
| | | *For Stainless Steel, Add* | *189.93* | |
| 23 37 13 13-0071 | EA | 8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 126.92 | 8.88 |
| | | *For Steel Construction, Deduct* | *-18.50* | |
| | | *For Grilles (No Damper), Deduct* | *-37.00* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *9.25* | |
| | | *For Cube Core Lay In, Add* | *18.50* | |
| | | *For Stainless Steel, Add* | *231.23* | |
| 23 37 13 13-0072 | EA | 10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 142.33 | 9.98 |
| | | *For Steel Construction, Deduct* | *-20.48* | |
| | | *For Grilles (No Damper), Deduct* | *-40.96* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *10.24* | |
| | | *For Cube Core Lay In, Add* | *20.48* | |
| | | *For Stainless Steel, Add* | *255.98* | |
| 23 37 13 13-0073 | EA | 10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 148.83 | 11.09 |
| | | *For Steel Construction, Deduct* | *-20.48* | |
| | | *For Grilles (No Damper), Deduct* | *-40.96* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *10.24* | |
| | | *For Cube Core Lay In, Add* | *20.48* | |
| | | *For Stainless Steel, Add* | *255.98* | |
| 23 37 13 13-0074 | EA | 12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 142.23 | 11.09 |
| | | *For Steel Construction, Deduct* | *-19.16* | |
| | | *For Grilles (No Damper), Deduct* | *-38.32* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *9.58* | |
| | | *For Cube Core Lay In, Add* | *19.16* | |
| | | *For Stainless Steel, Add* | *239.48* | |
| 23 37 13 13-0075 | EA | 12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 182.58 | 14.43 |
| | | *For Steel Construction, Deduct* | *-25.10* | |
| | | *For Grilles (No Damper), Deduct* | *-50.21* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *12.55* | |
| | | *For Cube Core Lay In, Add* | *25.10* | |
| | | *For Stainless Steel, Add* | *313.80* | |
| 23 37 13 13-0076 | EA | 16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 218.72 | 16.64 |
| | | *For Steel Construction, Deduct* | *-29.97* | |
| | | *For Grilles (No Damper), Deduct* | *-59.94* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *14.99* | |
| | | *For Cube Core Lay In, Add* | *29.97* | |
| | | *For Stainless Steel, Add* | *374.65* | |
| 23 37 13 13-0077 | EA | 18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 268.15 | 19.97 |
| | | *For Steel Construction, Deduct* | *-37.65* | |
| | | *For Grilles (No Damper), Deduct* | *-75.31* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *18.83* | |
| | | *For Cube Core Lay In, Add* | *37.65* | |
| | | *For Stainless Steel, Add* | *470.68* | |
| 23 37 13 13-0078 | EA | 20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 314.82 | 22.19 |
| | | *For Steel Construction, Deduct* | *-45.60* | |
| | | *For Grilles (No Damper), Deduct* | *-91.20* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *22.80* | |
| | | *For Cube Core Lay In, Add* | *45.60* | |
| | | *For Stainless Steel, Add* | *569.98* | |
| 23 37 13 13-0079 | EA | 24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 281.47 | 22.19 |
| | | *For Steel Construction, Deduct* | *-38.14* | |
| | | *For Grilles (No Damper), Deduct* | *-76.28* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *19.07* | |
| | | *For Cube Core Lay In, Add* | *38.14* | |
| | | *For Stainless Steel, Add* | *476.75* | |
| 23 37 13 13-0080 | EA | 24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 321.98 | 22.19 |
| | | *For Steel Construction, Deduct* | *-46.24* | |
| | | *For Grilles (No Damper), Deduct* | *-92.48* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *23.12* | |
| | | *For Cube Core Lay In, Add* | *46.24* | |
| | | *For Stainless Steel, Add* | *578.03* | |
| 23 37 13 13-0081 | EA | 24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 339.49 | 25.52 |
| | | *For Steel Construction, Deduct* | *-47.93* | |
| | | *For Grilles (No Damper), Deduct* | *-95.86* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *23.96* | |
| | | *For Cube Core Lay In, Add* | *47.93* | |
| | | *For Stainless Steel, Add* | *599.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0082 | EA | 30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 359.78 | 26.63 |
| | | *For Steel Construction, Deduct* | *-50.94* | |
| | | *For Grilles (No Damper), Deduct* | *-101.87* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *25.47* | |
| | | *For Cube Core Lay In, Add* | *50.94* | |
| | | *For Stainless Steel, Add* | *636.70* | |
| 23 37 13 13-0083 | EA | 30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 414.73 | 29.95 |
| | | *For Steel Construction, Deduct* | *-59.45* | |
| | | *For Grilles (No Damper), Deduct* | *-118.90* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *29.73* | |
| | | *For Cube Core Lay In, Add* | *59.45* | |
| | | *For Stainless Steel, Add* | *743.15* | |
| 23 37 13 13-0084 | EA | 30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 464.35 | 35.51 |
| | | *For Steel Construction, Deduct* | *-64.34* | |
| | | *For Grilles (No Damper), Deduct* | *-128.68* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *32.17* | |
| | | *For Cube Core Lay In, Add* | *64.34* | |
| | | *For Stainless Steel, Add* | *804.25* | |
| 23 37 13 13-0085 | EA | 30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 604.21 | 35.51 |
| | | *For Steel Construction, Deduct* | *-92.31* | |
| | | *For Grilles (No Damper), Deduct* | *-184.62* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *46.16* | |
| | | *For Cube Core Lay In, Add* | *92.31* | |
| | | *For Stainless Steel, Add* | *1,153.90* | |
| 23 37 13 13-0086 | EA | 36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 501.14 | 38.83 |
| | | *For Steel Construction, Deduct* | *-69.50* | |
| | | *For Grilles (No Damper), Deduct* | *-139.01* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *34.75* | |
| | | *For Cube Core Lay In, Add* | *69.50* | |
| | | *For Stainless Steel, Add* | *868.80* | |
| 23 37 13 13-0087 | EA | 36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 487.86 | 37.72 |
| | | *For Steel Construction, Deduct* | *-66.85* | |
| | | *For Grilles (No Damper), Deduct* | *-133.70* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *33.42* | |
| | | *For Cube Core Lay In, Add* | *66.85* | |
| | | *For Stainless Steel, Add* | *835.60* | |
| 23 37 13 13-0088 | EA | 36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 555.66 | 42.15 |
| | | *For Steel Construction, Deduct* | *-77.85* | |
| | | *For Grilles (No Damper), Deduct* | *-155.70* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *38.93* | |
| | | *For Cube Core Lay In, Add* | *77.85* | |
| | | *For Stainless Steel, Add* | *973.13* | |
| 23 37 13 13-0089 | EA | 36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 754.43 | 45.49 |
| | | *For Steel Construction, Deduct* | *-114.58* | |
| | | *For Grilles (No Damper), Deduct* | *-229.15* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *57.29* | |
| | | *For Cube Core Lay In, Add* | *114.58* | |
| | | *For Stainless Steel, Add* | *1,432.20* | |
| 23 37 13 13-0090 | EA | 24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 334.16 | 25.63 |
| | | *For Steel Construction, Deduct* | *-46.36* | |
| | | *For Grilles (No Damper), Deduct* | *-92.71* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *23.18* | |
| | | *For Cube Core Lay In, Add* | *46.36* | |
| | | *For Stainless Steel, Add* | *579.45* | |
| 23 37 13 13-0091 | EA | 32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 604.95 | 45.38 |
| | | *For Steel Construction, Deduct* | *-84.68* | |
| | | *For Grilles (No Damper), Deduct* | *-169.36* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *42.34* | |
| | | *For Cube Core Lay In, Add* | *84.68* | |
| | | *For Stainless Steel, Add* | *1,058.50* | |
| 23 37 13 13-0092 | EA | 48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 652.26 | 44.38 |
| | | *For Steel Construction, Deduct* | *-97.17* | |
| | | *For Grilles (No Damper), Deduct* | *-194.34* | |
| | | *For Removable Core, Add* | *35.00* | |
| | | *For Cube Core With Frame, Add* | *48.59* | |
| | | *For Cube Core Lay In, Add* | *97.17* | |
| | | *For Stainless Steel, Add* | *1,214.63* | |

### 23 37 13 13-0093 Return/Exhaust Registers Removable-Reversible *(23 37 13 13-0068)*

Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0094 | EA | 8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 101.81 | 8.88 |
| | | *For Steel Construction, Deduct* | *-6.74* | |
| | | *For Flat Frame, Deduct* | *-0.67* | |
| | | *For Grilles (No Damper), Deduct* | *-13.48* | |
| | | *For Stainless Steel, Add* | *168.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0095 | EA | 8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 101.81 | 8.88 |
| | | *For Steel Construction, Deduct* | *-6.74* | |
| | | *For Flat Frame, Deduct* | *-0.67* | |
| | | *For Grilles (No Damper), Deduct* | *-13.48* | |
| | | *For Stainless Steel, Add* | *168.45* | |
| 23 37 13 13-0096 | EA | 10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 125.16 | 9.98 |
| | | *For Steel Construction, Deduct* | *-8.52* | |
| | | *For Flat Frame, Deduct* | *-0.85* | |
| | | *For Grilles (No Damper), Deduct* | *-17.04* | |
| | | *For Stainless Steel, Add* | *213.05* | |
| 23 37 13 13-0097 | EA | 10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 143.55 | 12.20 |
| | | *For Steel Construction, Deduct* | *-9.71* | |
| | | *For Flat Frame, Deduct* | *-0.97* | |
| | | *For Grilles (No Damper), Deduct* | *-19.42* | |
| | | *For Stainless Steel, Add* | *242.78* | |
| 23 37 13 13-0098 | EA | 12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 141.57 | 11.09 |
| | | *For Steel Construction, Deduct* | *-9.51* | |
| | | *For Flat Frame, Deduct* | *-0.95* | |
| | | *For Grilles (No Damper), Deduct* | *-19.03* | |
| | | *For Stainless Steel, Add* | *237.83* | |
| 23 37 13 13-0099 | EA | 12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 183.90 | 14.43 |
| | | *For Steel Construction, Deduct* | *-12.68* | |
| | | *For Flat Frame, Deduct* | *-1.27* | |
| | | *For Grilles (No Damper), Deduct* | *-25.37* | |
| | | *For Stainless Steel, Add* | *317.10* | |
| 23 37 13 13-0100 | EA | 16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 298.09 | 17.75 |
| | | *For Steel Construction, Deduct* | *-22.92* | |
| | | *For Flat Frame, Deduct* | *-2.29* | |
| | | *For Grilles (No Damper), Deduct* | *-45.85* | |
| | | *For Stainless Steel, Add* | *573.08* | |
| 23 37 13 13-0101 | EA | 18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 359.32 | 19.97 |
| | | *For Steel Construction, Deduct* | *-27.94* | |
| | | *For Flat Frame, Deduct* | *-2.79* | |
| | | *For Grilles (No Damper), Deduct* | *-55.89* | |
| | | *For Stainless Steel, Add* | *698.60* | |
| 23 37 13 13-0102 | EA | 20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 405.91 | 22.19 |
| | | *For Steel Construction, Deduct* | *-31.91* | |
| | | *For Flat Frame, Deduct* | *-3.19* | |
| | | *For Grilles (No Damper), Deduct* | *-63.82* | |
| | | *For Stainless Steel, Add* | *797.70* | |
| 23 37 13 13-0103 | EA | 24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 336.52 | 22.19 |
| | | *For Steel Construction, Deduct* | *-24.58* | |
| | | *For Flat Frame, Deduct* | *-2.46* | |
| | | *For Grilles (No Damper), Deduct* | *-49.15* | |
| | | *For Stainless Steel, Add* | *614.38* | |
| 23 37 13 13-0104 | EA | 24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 455.43 | 23.29 |
| | | *For Steel Construction, Deduct* | *-36.47* | |
| | | *For Flat Frame, Deduct* | *-3.65* | |
| | | *For Grilles (No Damper), Deduct* | *-72.93* | |
| | | *For Stainless Steel, Add* | *911.65* | |
| 23 37 13 13-0105 | EA | 24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 531.89 | 25.52 |
| | | *For Steel Construction, Deduct* | *-43.20* | |
| | | *For Flat Frame, Deduct* | *-4.32* | |
| | | *For Grilles (No Damper), Deduct* | *-86.41* | |
| | | *For Stainless Steel, Add* | *1,080.10* | |
| 23 37 13 13-0106 | EA | 30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 406.34 | 26.63 |
| | | *For Steel Construction, Deduct* | *-30.12* | |
| | | *For Flat Frame, Deduct* | *-3.01* | |
| | | *For Grilles (No Damper), Deduct* | *-60.25* | |
| | | *For Stainless Steel, Add* | *753.10* | |
| 23 37 13 13-0107 | EA | 30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 561.40 | 29.95 |
| | | *For Steel Construction, Deduct* | *-44.39* | |
| | | *For Flat Frame, Deduct* | *-4.44* | |
| | | *For Grilles (No Damper), Deduct* | *-88.79* | |
| | | *For Stainless Steel, Add* | *1,109.83* | |
| 23 37 13 13-0108 | EA | 30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 675.76 | 35.51 |
| | | *For Steel Construction, Deduct* | *-53.31* | |
| | | *For Flat Frame, Deduct* | *-5.33* | |
| | | *For Grilles (No Damper), Deduct* | *-106.62* | |
| | | *For Stainless Steel, Add* | *1,332.78* | |
| 23 37 13 13-0109 | EA | 30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 775.85 | 35.51 |
| | | *For Steel Construction, Deduct* | *-63.32* | |
| | | *For Flat Frame, Deduct* | *-6.33* | |
| | | *For Grilles (No Damper), Deduct* | *-126.64* | |
| | | *For Stainless Steel, Add* | *1,583.00* | |
| 23 37 13 13-0110 | EA | 36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 524.22 | 37.72 |
| | | *For Steel Construction, Deduct* | *-37.06* | |
| | | *For Flat Frame, Deduct* | *-3.71* | |
| | | *For Grilles (No Damper), Deduct* | *-74.12* | |
| | | *For Stainless Steel, Add* | *926.50* | |
| 23 37 13 13-0111 | EA | 36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 714.48 | 37.72 |
| | | *For Steel Construction, Deduct* | *-56.09* | |
| | | *For Flat Frame, Deduct* | *-5.61* | |
| | | *For Grilles (No Damper), Deduct* | *-112.17* | |
| | | *For Stainless Steel, Add* | *1,402.15* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0112 | EA | 36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 828.34 | 42.15 |
| | | *For Steel Construction, Deduct* | *-66.19* | |
| | | *For Flat Frame, Deduct* | *-6.62* | |
| | | *For Grilles (No Damper), Deduct* | *-132.39* | |
| | | *For Stainless Steel, Add* | *1,654.83* | |
| 23 37 13 13-0113 | EA | 36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 969.33 | 45.49 |
| | | *For Steel Construction, Deduct* | *-78.78* | |
| | | *For Flat Frame, Deduct* | *-7.88* | |
| | | *For Grilles (No Damper), Deduct* | *-157.56* | |
| | | *For Stainless Steel, Add* | *1,969.45* | |
| 23 37 13 13-0114 | EA | 36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling | 1,024.82 | 45.49 |
| | | *For Steel Construction, Deduct* | *-84.33* | |
| | | *For Flat Frame, Deduct* | *-8.43* | |
| | | *For Grilles (No Damper), Deduct* | *-168.65* | |
| | | *For Stainless Steel, Add* | *2,108.18* | |

## 23 37 13 13-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0068)*

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0116 | EA | 6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 52.99 | 10.86 |
| 23 37 13 13-0117 | EA | 8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 52.99 | 10.86 |
| 23 37 13 13-0118 | EA | 8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 57.59 | 10.86 |
| 23 37 13 13-0119 | EA | 8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 59.43 | 10.86 |
| 23 37 13 13-0120 | EA | 10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 57.59 | 10.86 |
| 23 37 13 13-0121 | EA | 10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 59.43 | 10.86 |
| 23 37 13 13-0122 | EA | 10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 71.51 | 14.23 |
| 23 37 13 13-0123 | EA | 10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 73.35 | 14.23 |
| 23 37 13 13-0124 | EA | 12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 69.67 | 14.23 |
| 23 37 13 13-0125 | EA | 12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 73.35 | 14.23 |
| 23 37 13 13-0126 | EA | 12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 75.19 | 14.23 |
| 23 37 13 13-0127 | EA | 12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 77.02 | 14.23 |
| 23 37 13 13-0128 | EA | 14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 74.27 | 14.23 |
| 23 37 13 13-0129 | EA | 14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 77.94 | 14.23 |
| 23 37 13 13-0130 | EA | 14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 79.78 | 14.23 |
| 23 37 13 13-0131 | EA | 14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 88.06 | 14.23 |
| 23 37 13 13-0132 | EA | 16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 77.94 | 14.23 |
| 23 37 13 13-0133 | EA | 16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 84.38 | 14.23 |
| 23 37 13 13-0134 | EA | 16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 88.06 | 14.23 |
| 23 37 13 13-0135 | EA | 16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 113.13 | 20.99 |
| 23 37 13 13-0136 | EA | 16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 114.97 | 20.99 |
| 23 37 13 13-0137 | EA | 18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 111.29 | 20.99 |
| 23 37 13 13-0138 | EA | 18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 136.24 | 24.37 |
| 23 37 13 13-0139 | EA | 20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 109.45 | 20.99 |
| 23 37 13 13-0140 | EA | 20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 145.44 | 24.37 |
| 23 37 13 13-0141 | EA | 22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 76.10 | 14.23 |
| 23 37 13 13-0142 | EA | 22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 111.29 | 20.99 |
| 23 37 13 13-0143 | EA | 22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 163.03 | 27.75 |
| 23 37 13 13-0144 | EA | 24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 109.45 | 20.99 |
| 23 37 13 13-0145 | EA | 24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 113.13 | 20.99 |
| 23 37 13 13-0146 | EA | 24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 130.73 | 24.37 |
| | | *For Lay-In Installation, Deduct* | *-51.35* | |
| 23 37 13 13-0147 | EA | 24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 136.24 | 24.37 |
| 23 37 13 13-0148 | EA | 24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 152.00 | 27.75 |
| 23 37 13 13-0149 | EA | 24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 157.51 | 27.75 |
| 23 37 13 13-0150 | EA | 24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 163.95 | 27.75 |
| 23 37 13 13-0151 | EA | 24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 175.90 | 27.75 |
| | | *For Lay-In Installation, Deduct* | *-58.79* | |
| 23 37 13 13-0152 | EA | 30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 133.48 | 24.37 |
| 23 37 13 13-0153 | EA | 48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 216.27 | 30.42 |
| 23 37 13 13-0154 | EA | 48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille | 370.04 | 37.17 |
| | | *For Lay-In Installation, Deduct* | *-84.62* | |

## 23 37 13 13-0155 Supply Registers and Grilles *(23 37 13 13)*

## 23 37 13 13-0156 Adjustable Curved Blade Register *(23 37 13 13-0155)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0157 | EA | 6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 92.13 | 8.88 |
| | | *For Steel Construction, Deduct* | *-8.66* | |
| | | *For Lay In Frame, Deduct* | *-14.44* | |
| | | *For Three Way Pattern, Deduct* | *-5.78* | |
| | | *For Two Way Pattern, Deduct* | *-4.62* | |
| | | *For One Way Pattern, Deduct* | *-4.62* | |
| | | *For Grille (No Damper), Deduct* | *-8.66* | |
| | | *For Stainless Steel, Add* | *144.40* | |
| 23 37 13 13-0158 | EA | 8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 95.52 | 8.88 |
| | | *For Steel Construction, Deduct* | *-9.17* | |
| | | *For Lay In Frame, Deduct* | *-15.29* | |
| | | *For Three Way Pattern, Deduct* | *-6.12* | |
| | | *For Two Way Pattern, Deduct* | *-4.89* | |
| | | *For One Way Pattern, Deduct* | *-4.89* | |
| | | *For Grille (No Damper), Deduct* | *-9.17* | |
| | | *For Stainless Steel, Add* | *152.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0159 | EA | 12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 104.31 | 12.20 |
| | | *For Steel Construction, Deduct* | *-8.66* | |
| | | *For Lay In Frame, Deduct* | *-14.44* | |
| | | *For Three Way Pattern, Deduct* | *-5.78* | |
| | | *For Two Way Pattern, Deduct* | *-4.62* | |
| | | *For One Way Pattern, Deduct* | *-4.62* | |
| | | *For Grille (No Damper), Deduct* | *-8.66* | |
| | | *For Stainless Steel, Add* | *144.40* | |
| 23 37 13 13-0160 | EA | 10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 116.76 | 11.09 |
| | | *For Steel Construction, Deduct* | *-10.53* | |
| | | *For Lay In Frame, Deduct* | *-17.55* | |
| | | *For Three Way Pattern, Deduct* | *-7.02* | |
| | | *For Two Way Pattern, Deduct* | *-5.62* | |
| | | *For One Way Pattern, Deduct* | *-5.62* | |
| | | *For Grille (No Damper), Deduct* | *-10.53* | |
| | | *For Stainless Steel, Add* | *175.53* | |
| 23 37 13 13-0161 | EA | 12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 140.37 | 14.43 |
| | | *For Steel Construction, Deduct* | *-12.57* | |
| | | *For Lay In Frame, Deduct* | *-20.95* | |
| | | *For Three Way Pattern, Deduct* | *-8.38* | |
| | | *For Two Way Pattern, Deduct* | *-6.70* | |
| | | *For One Way Pattern, Deduct* | *-6.70* | |
| | | *For Grille (No Damper), Deduct* | *-12.57* | |
| | | *For Stainless Steel, Add* | *209.50* | |
| 23 37 13 13-0162 | EA | 14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 173.05 | 16.64 |
| | | *For Steel Construction, Deduct* | *-15.63* | |
| | | *For Lay In Frame, Deduct* | *-26.05* | |
| | | *For Three Way Pattern, Deduct* | *-10.42* | |
| | | *For Two Way Pattern, Deduct* | *-8.34* | |
| | | *For One Way Pattern, Deduct* | *-8.34* | |
| | | *For Grille (No Damper), Deduct* | *-15.63* | |
| | | *For Stainless Steel, Add* | *260.48* | |
| 23 37 13 13-0163 | EA | 16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 173.05 | 16.64 |
| | | *For Steel Construction, Deduct* | *-15.63* | |
| | | *For Lay In Frame, Deduct* | *-26.05* | |
| | | *For Three Way Pattern, Deduct* | *-10.42* | |
| | | *For Two Way Pattern, Deduct* | *-8.34* | |
| | | *For One Way Pattern, Deduct* | *-8.34* | |
| | | *For Grille (No Damper), Deduct* | *-15.63* | |
| | | *For Stainless Steel, Add* | *260.48* | |
| 23 37 13 13-0164 | EA | 18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 213.29 | 22.19 |
| | | *For Steel Construction, Deduct* | *-19.03* | |
| | | *For Lay In Frame, Deduct* | *-31.71* | |
| | | *For Three Way Pattern, Deduct* | *-12.68* | |
| | | *For Two Way Pattern, Deduct* | *-10.15* | |
| | | *For One Way Pattern, Deduct* | *-10.15* | |
| | | *For Grille (No Damper), Deduct* | *-19.03* | |
| | | *For Stainless Steel, Add* | *317.10* | |
| 23 37 13 13-0165 | EA | 24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 282.16 | 23.29 |
| | | *For Steel Construction, Deduct* | *-28.71* | |
| | | *For Lay In Frame, Deduct* | *-47.85* | |
| | | *For Three Way Pattern, Deduct* | *-19.14* | |
| | | *For Two Way Pattern, Deduct* | *-15.31* | |
| | | *For One Way Pattern, Deduct* | *-15.31* | |
| | | *For Grille (No Damper), Deduct* | *-28.71* | |
| | | *For Stainless Steel, Add* | *478.48* | |
| 23 37 13 13-0166 | EA | 30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern | 461.58 | 47.04 |
| | | *For Steel Construction, Deduct* | *-55.12* | |
| | | *For Lay In Frame, Deduct* | *-91.87* | |
| | | *For Three Way Pattern, Deduct* | *-36.75* | |
| | | *For Two Way Pattern, Deduct* | *-29.40* | |
| | | *For One Way Pattern, Deduct* | *-29.40* | |
| | | *For Grille (No Damper), Deduct* | *-55.12* | |
| | | *For Stainless Steel, Add* | *918.73* | |

### 23 37 13 13-0167 Removable-Reversible Core Registers *(23 37 13 13-0155)*

Note: Double deflection radiused frame aluminum construction.

| | | | | |
|---|---|---|---|---|
| 23 37 13 13-0168 | EA | 6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 106.85 | 8.88 |
| | | *For Steel Construction, Deduct* | *-7.25* | |
| | | *For Flat Frame, Deduct* | *-7.25* | |
| | | *For Grille (No Damper), Deduct* | *-21.74* | |
| | | *For Stainless Steel, Add* | *181.20* | |
| 23 37 13 13-0169 | EA | 8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 136.29 | 8.88 |
| | | *For Steel Construction, Deduct* | *-10.19* | |
| | | *For Flat Frame, Deduct* | *-10.19* | |
| | | *For Grille (No Damper), Deduct* | *-30.58* | |
| | | *For Stainless Steel, Add* | *254.80* | |
| 23 37 13 13-0170 | EA | 12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 173.39 | 12.20 |
| | | *For Steel Construction, Deduct* | *-12.68* | |
| | | *For Flat Frame, Deduct* | *-12.68* | |
| | | *For Grille (No Damper), Deduct* | *-38.05* | |
| | | *For Stainless Steel, Add* | *317.10* | |
| 23 37 13 13-0171 | EA | 10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 175.65 | 12.20 |
| | | *For Steel Construction, Deduct* | *-12.91* | |
| | | *For Flat Frame, Deduct* | *-12.91* | |
| | | *For Grille (No Damper), Deduct* | *-38.73* | |
| | | *For Stainless Steel, Add* | *322.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0172 | EA | 12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 224.18 | 14.43 |
| | | *For Steel Construction, Deduct* | *-16.76* | |
| | | *For Flat Frame, Deduct* | *-16.76* | |
| | | *For Grille (No Damper), Deduct* | *-50.28* | |
| | | *For Stainless Steel, Add* | *419.03* | |
| 23 37 13 13-0173 | EA | 14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 320.27 | 17.75 |
| | | *For Steel Construction, Deduct* | *-25.14* | |
| | | *For Flat Frame, Deduct* | *-25.14* | |
| | | *For Grille (No Damper), Deduct* | *-75.42* | |
| | | *For Stainless Steel, Add* | *628.53* | |
| 23 37 13 13-0174 | EA | 16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 361.04 | 16.64 |
| | | *For Steel Construction, Deduct* | *-29.22* | |
| | | *For Flat Frame, Deduct* | *-29.22* | |
| | | *For Grille (No Damper), Deduct* | *-87.65* | |
| | | *For Stainless Steel, Add* | *730.45* | |
| 23 37 13 13-0175 | EA | 18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 435.25 | 22.19 |
| | | *For Steel Construction, Deduct* | *-34.88* | |
| | | *For Flat Frame, Deduct* | *-34.88* | |
| | | *For Grille (No Damper), Deduct* | *-104.64* | |
| | | *For Stainless Steel, Add* | *872.00* | |
| 23 37 13 13-0176 | EA | 24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame | 550.56 | 22.19 |
| | | *For Steel Construction, Deduct* | *-45.98* | |
| | | *For Flat Frame, Deduct* | *-45.98* | |
| | | *For Grille (No Damper), Deduct* | *-137.94* | |
| | | *For Stainless Steel, Add* | *1,149.48* | |
| **23 37 13 13-0177** | | **Adjustable Shutter Blade Registers** *(23 37 13 13-0155)* | | |
| | | Note: Double deflection flat frame aluminum construction. | | |
| 23 37 13 13-0178 | EA | 6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 166.49 | 8.88 |
| | | *For Steel Construction, Deduct* | *-13.21* | |
| | | *For Single Deflection, Deduct* | *-26.42* | |
| | | *For Grille (No Damper), Deduct* | *-19.82* | |
| | | *For Stainless Steel, Add* | *330.30* | |
| 23 37 13 13-0179 | EA | 8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 192.92 | 8.88 |
| | | *For Steel Construction, Deduct* | *-15.86* | |
| | | *For Single Deflection, Deduct* | *-31.71* | |
| | | *For Grille (No Damper), Deduct* | *-23.78* | |
| | | *For Stainless Steel, Add* | *396.38* | |
| 23 37 13 13-0180 | EA | 12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 205.10 | 12.20 |
| | | *For Steel Construction, Deduct* | *-15.86* | |
| | | *For Single Deflection, Deduct* | *-31.71* | |
| | | *For Grille (No Damper), Deduct* | *-23.78* | |
| | | *For Stainless Steel, Add* | *396.38* | |
| 23 37 13 13-0181 | EA | 10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 212.65 | 11.09 |
| | | *For Steel Construction, Deduct* | *-16.61* | |
| | | *For Single Deflection, Deduct* | *-33.22* | |
| | | *For Grille (No Damper), Deduct* | *-24.92* | |
| | | *For Stainless Steel, Add* | *415.25* | |
| 23 37 13 13-0182 | EA | 12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 260.42 | 14.43 |
| | | *For Steel Construction, Deduct* | *-20.39* | |
| | | *For Single Deflection, Deduct* | *-40.77* | |
| | | *For Grille (No Damper), Deduct* | *-30.58* | |
| | | *For Stainless Steel, Add* | *509.63* | |
| 23 37 13 13-0183 | EA | 14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 348.20 | 16.64 |
| | | *For Steel Construction, Deduct* | *-27.93* | |
| | | *For Single Deflection, Deduct* | *-55.87* | |
| | | *For Grille (No Damper), Deduct* | *-41.90* | |
| | | *For Stainless Steel, Add* | *698.35* | |
| 23 37 13 13-0184 | EA | 16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 412.38 | 17.75 |
| | | *For Steel Construction, Deduct* | *-34.35* | |
| | | *For Single Deflection, Deduct* | *-68.70* | |
| | | *For Grille (No Damper), Deduct* | *-51.53* | |
| | | *For Stainless Steel, Add* | *858.80* | |
| 23 37 13 13-0185 | EA | 18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 509.24 | 22.19 |
| | | *For Steel Construction, Deduct* | *-42.28* | |
| | | *For Single Deflection, Deduct* | *-84.56* | |
| | | *For Grille (No Damper), Deduct* | *-63.42* | |
| | | *For Stainless Steel, Add* | *1,056.98* | |
| 23 37 13 13-0186 | EA | 24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame | 706.08 | 23.29 |
| | | *For Steel Construction, Deduct* | *-61.53* | |
| | | *For Single Deflection, Deduct* | *-123.06* | |
| | | *For Grille (No Damper), Deduct* | *-92.30* | |
| | | *For Stainless Steel, Add* | *1,538.28* | |
| **23 37 13 13-0187** | | **Air Conditioning And Ventilation** *(23 37 13 13-0155)* | | |
| 23 37 13 13-0188 | EA | 10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 77.88 | 23.29 |
| | | *For Stainless Steel, Add* | *78.33* | |
| 23 37 13 13-0189 | EA | 18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 132.01 | 34.67 |
| | | *For Stainless Steel, Add* | *156.68* | |
| 23 37 13 13-0190 | EA | 30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 201.52 | 48.54 |
| | | *For Stainless Steel, Add* | *261.13* | |
| 23 37 13 13-0191 | EA | 48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 477.81 | 66.57 |
| | | *For Stainless Steel, Add* | *861.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 37 13 13-0192** | | **Square Wall Return Air And Exhaust Grilles** *(23 37 13 13-0155)* | | |
| | | Note: Egg crate design aluminum construction. | | |
| 23 37 13 13-0193 | EA | 8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 74.42 | 27.80 |
| 23 37 13 13-0194 | EA | 12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 80.22 | 27.80 |
| 23 37 13 13-0195 | EA | 18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 119.59 | 41.69 |
| 23 37 13 13-0196 | EA | 24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 148.57 | 41.69 |
| 23 37 13 13-0197 | EA | 28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 241.54 | 55.59 |
| 23 37 13 13-0198 | EA | 36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction | 416.46 | 55.47 |
| **23 37 13 13-0199** | | **Rectangular Four-Way Adjustable Deflection Wall Supply Grilles** *(23 37 13 13-0155)* | | |
| | | Note: Aluminum construction. | | |
| 23 37 13 13-0200 | EA | 12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction | 236.84 | 20.01 |
| 23 37 13 13-0201 | EA | 14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction | 270.81 | 20.01 |
| 23 37 13 13-0202 | EA | 18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction | 326.76 | 22.24 |
| 23 37 13 13-0203 | EA | 24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction | 387.13 | 22.24 |
| 23 37 13 13-0204 | EA | 36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction | 496.21 | 69.49 |
| **23 37 13 13-0205** | | **Square Ceiling Return Air And Exhaust Grilles** *(23 37 13 13-0155)* | | |
| | | Note: Egg crate design, plastic construction. | | |
| 23 37 13 13-0206 | EA | 24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction | 45.25 | 13.31 |
| 23 37 13 13-0207 | EA | 24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction | 65.56 | 13.42 |
| **23 37 13 13-0208** | | **Door Grilles Sight Proof Inverted Vee Cross Section** *(23 37 13 13-0155)* | | |
| | | Note: Painted steel louvers and frame. | | |
| 23 37 13 13-0209 | EA | 12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel | 132.19 | 20.01 |
| 23 37 13 13-0210 | EA | 12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel | 165.11 | 20.01 |
| 23 37 13 13-0211 | EA | 18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel | 206.64 | 21.12 |
| 23 37 13 13-0212 | EA | 24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel | 285.91 | 25.24 |
| 23 37 13 13-0213 | EA | 24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel | 317.19 | 46.36 |
| **23 37 13 13-0214** | | **Stainless Steel Devices** *(23 37 13 13-0155)* | | |
| **23 37 13 13-0215** | | **304 Stainless Steel, Louvered Partition/Door Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0216 | SF | Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille | 178.02 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *29.82* | |
| 23 37 13 13-0217 | SF | >4 SF, 304 Stainless Steel, Louvered Partition/Door Grille | 150.81 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *24.38* | |
| **23 37 13 13-0218** | | **304 Stainless Steel, Single Deflection Supply Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0219 | SF | Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille | 135.74 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *21.37* | |
| 23 37 13 13-0220 | SF | >4 SF, 304 Stainless Steel, Single Deflection Supply Grille | 115.95 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *17.41* | |
| **23 37 13 13-0221** | | **304 Stainless Steel, Double Deflection Supply Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0222 | SF | Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille | 196.94 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *33.61* | |
| 23 37 13 13-0223 | SF | >4 SF, 304 Stainless Steel, Double Deflection Supply Grille | 168.38 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *27.89* | |
| **23 37 13 13-0224** | | **304 Stainless Steel Return Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0225 | SF | Up To 4 SF, 304 Stainless Steel Return Grille | 135.74 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *21.37* | |
| 23 37 13 13-0226 | SF | >4 SF, 304 Stainless Steel Return Grille | 115.95 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *17.41* | |
| **23 37 13 13-0227** | | **304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0228 | SF | Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille | 135.74 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *21.37* | |
| 23 37 13 13-0229 | SF | >4 SF, 304 Stainless Steel, Louvered Supply/Return Grille | 115.95 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *17.41* | |
| **23 37 13 13-0230** | | **304 Stainless Steel, Perforated Return Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0231 | SF | Up To 4 SF, 304 Stainless Steel, Perforated Return Grille | 135.74 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *21.37* | |
| 23 37 13 13-0232 | SF | >4 SF, 304 Stainless Steel, Perforated Return Grille | 110.51 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *16.32* | |
| **23 37 13 13-0233** | | **304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0234 | SF | Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille | 163.56 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *26.93* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 13-0235 | SF | >4 SF, 304 Stainless Steel, Perforated Supply Grille | 113.41 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *16.90* | |
| **23 37 13 13-0236** | | **304 Stainless Steel, Door Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0237 | SF | Up To 4 SF, 304 Stainless Steel, Door Grille | 242.56 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *42.73* | |
| 23 37 13 13-0238 | SF | >4 SF, 304 Stainless Steel, Door Grille | 203.00 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *34.82* | |
| **23 37 13 13-0239** | | **304 Stainless Steel, Linear Bar Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0240 | SF | Up To 4 SF, 304 Stainless Steel, Linear Bar Grille | 308.96 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *56.01* | |
| 23 37 13 13-0241 | SF | >4 SF, 304 Stainless Steel, Linear Bar Grille | 265.06 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *47.23* | |
| **23 37 13 13-0242** | | **304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0243 | SF | Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille | 228.10 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *39.84* | |
| 23 37 13 13-0244 | SF | >4 SF, 304 Stainless Steel, Hinged Filter Grille | 158.86 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *25.99* | |
| **23 37 13 13-0245** | | **304 Stainless Steel, Opposed Blade Dampers Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0246 | SF | Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille | 124.61 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *19.14* | |
| 23 37 13 13-0247 | SF | Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF | 95.81 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *13.38* | |
| **23 37 13 13-0248** | | **304 Stainless Steel, Plaster Frames Replacement** *(23 37 13 13-0214)* | | |
| | | Note: For frequent replacement. | | |
| 23 37 13 13-0249 | SF | To 4 SF, 304 Stainless Steel, Plaster Frames Replacement | 97.90 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *13.80* | |
| 23 37 13 13-0250 | SF | >4 SF, 304 Stainless Steel, Plaster Frames Replacement | 53.76 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *4.97* | |
| **23 37 13 13-0251** | | **304 Stainless Steel, Modular Louvered Ceiling Diffusers** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0252 | SF | Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser | 224.76 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *39.17* | |
| 23 37 13 13-0253 | SF | >4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser | 176.67 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *29.55* | |
| **23 37 13 13-0254** | | **304 Stainless Steel, Latticed Supply/Return Grilles** *(23 37 13 13-0214)* | | |
| 23 37 13 13-0255 | SF | Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille | 81.21 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *10.46* | |
| 23 37 13 13-0256 | SF | >4 SF, 304 Stainless Steel, Latticed Supply/Return Grille | 81.21 | 17.34 |
| | | *For 316 Stainless Steel, Add* | *10.46* | |
| **23 37 13 13-0257** | | **Removal And Reinstallation Of Distribution Devices** *(23 37 13 13)* | | |
| | | Note: Includes storage and cleaning. Excludes ductwork. | | |
| 23 37 13 13-0258 | EA | Removal And Reinstallation Of Variable Air Volume Terminal Unit | 208.02 | |
| 23 37 13 13-0259 | EA | Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit | 229.43 | |
| 23 37 13 13-0260 | EA | Removal And Reinstallation Of Lay-in Diffuser/Register/Grille | 34.39 | |
| 23 37 13 13-0261 | EA | Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille | 46.57 | |

## 23 37 13 43 Security Registers and Grilles *(23 37 13)*

| | | | | |
|---|---|---|---|---|
| **23 37 13 43-0001** | | **Security Supply Or Return Grille** *(23 37 13 43)* | | |
| | | Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish. | | |
| 23 37 13 43-0002 | EA | 8" x 4" Steel Security Grille | 224.10 | 16.68 |
| | | *For Anchoring Tabs, Add* | *19.08* | |
| | | *For Angle Iron Frame, Add* | *31.95* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *70.10* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *47.69* | |
| | | *For Stainless Steel, Add* | *247.98* | |
| 23 37 13 43-0003 | EA | 8" x 6" Steel Security Grille | 248.34 | 17.23 |
| | | *For Anchoring Tabs, Add* | *21.39* | |
| | | *For Angle Iron Frame, Add* | *35.53* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *78.30* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *53.47* | |
| | | *For Stainless Steel, Add* | *278.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 43-0004 | EA | 8" x 8" Steel Security Grille | 284.57 | 19.46 |
| | | *For Anchoring Tabs, Add* | *24.57* | |
| | | *For Angle Iron Frame, Add* | *40.74* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *89.87* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *61.42* | |
| | | *For Stainless Steel, Add* | *319.36* | |
| 23 37 13 43-0005 | EA | 10" x 4" Steel Security Grille | 248.78 | 18.89 |
| | | *For Anchoring Tabs, Add* | *21.10* | |
| | | *For Angle Iron Frame, Add* | *35.43* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *77.62* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *52.75* | |
| | | *For Stainless Steel, Add* | *274.27* | |
| 23 37 13 43-0006 | EA | 10" x 6" Steel Security Grille | 265.46 | 20.01 |
| | | *For Anchoring Tabs, Add* | *22.54* | |
| | | *For Angle Iron Frame, Add* | *37.82* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *82.90* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *56.36* | |
| | | *For Stainless Steel, Add* | *293.06* | |
| 23 37 13 43-0007 | EA | 10" x 8" Steel Security Grille | 303.47 | 21.67 |
| | | *For Anchoring Tabs, Add* | *26.01* | |
| | | *For Angle Iron Frame, Add* | *43.35* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *95.37* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *65.03* | |
| | | *For Stainless Steel, Add* | *338.14* | |
| 23 37 13 43-0008 | EA | 10" x 10" Steel Security Grille | 338.59 | 23.35 |
| | | *For Anchoring Tabs, Add* | *29.19* | |
| | | *For Angle Iron Frame, Add* | *48.45* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *106.83* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *72.98* | |
| | | *For Stainless Steel, Add* | *379.47* | |
| 23 37 13 43-0009 | EA | 12" x 4" Steel Security Grille | 261.89 | 21.12 |
| | | *For Anchoring Tabs, Add* | *21.97* | |
| | | *For Angle Iron Frame, Add* | *37.17* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *81.10* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *54.91* | |
| | | *For Stainless Steel, Add* | *285.55* | |
| 23 37 13 43-0010 | EA | 12" x 6" Steel Security Grille | 292.35 | 23.35 |
| | | *For Anchoring Tabs, Add* | *24.57* | |
| | | *For Angle Iron Frame, Add* | *41.52* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *90.65* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *61.42* | |
| | | *For Stainless Steel, Add* | *319.36* | |
| 23 37 13 43-0011 | EA | 12" x 8" Steel Security Grille | 333.26 | 25.02 |
| | | *For Anchoring Tabs, Add* | *28.32* | |
| | | *For Angle Iron Frame, Add* | *47.49* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *104.13* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *70.81* | |
| | | *For Stainless Steel, Add* | *368.20* | |
| 23 37 13 43-0012 | EA | 12" x 10" Steel Security Grille | 362.60 | 26.68 |
| | | *For Anchoring Tabs, Add* | *30.92* | |
| | | *For Angle Iron Frame, Add* | *51.72* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *113.57* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *77.31* | |
| | | *For Stainless Steel, Add* | *402.01* | |
| 23 37 13 43-0013 | EA | 12" x 12" Steel Security Grille | 400.62 | 28.35 |
| | | *For Anchoring Tabs, Add* | *34.39* | |
| | | *For Angle Iron Frame, Add* | *57.26* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *126.04* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *85.98* | |
| | | *For Stainless Steel, Add* | *447.11* | |
| 23 37 13 43-0014 | EA | 14" x 4" Steel Security Grille | 279.67 | 22.79 |
| | | *For Anchoring Tabs, Add* | *23.41* | |
| | | *For Angle Iron Frame, Add* | *39.67* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *86.49* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *58.53* | |
| | | *For Stainless Steel, Add* | *304.33* | |
| 23 37 13 43-0015 | EA | 14" x 6" Steel Security Grille | 314.81 | 24.45 |
| | | *For Anchoring Tabs, Add* | *26.59* | |
| | | *For Angle Iron Frame, Add* | *44.78* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *97.95* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *66.47* | |
| | | *For Stainless Steel, Add* | *345.66* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 43-0016 | EA | 14" x 8" Steel Security Grille | 351.04 | 26.68 |
| | | *For Anchoring Tabs, Add* | *29.77* | |
| | | *For Angle Iron Frame, Add* | *49.99* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *109.52* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *74.42* | |
| | | *For Stainless Steel, Add* | *386.98* | |
| 23 37 13 43-0017 | EA | 14" x 10" Steel Security Grille | 395.96 | 28.91 |
| | | *For Anchoring Tabs, Add* | *33.82* | |
| | | *For Angle Iron Frame, Add* | *56.50* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *124.13* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *84.54* | |
| | | *For Stainless Steel, Add* | *439.60* | |
| 23 37 13 43-0018 | EA | 14" x 12" Steel Security Grille | 436.19 | 31.69 |
| | | *For Anchoring Tabs, Add* | *37.28* | |
| | | *For Angle Iron Frame, Add* | *62.26* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *136.83* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *93.21* | |
| | | *For Stainless Steel, Add* | *484.68* | |
| 23 37 13 43-0019 | EA | 14" x 14" Steel Security Grille | 469.54 | 33.91 |
| | | *For Anchoring Tabs, Add* | *40.17* | |
| | | *For Angle Iron Frame, Add* | *67.04* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *147.39* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *100.43* | |
| | | *For Stainless Steel, Add* | *522.25* | |
| 23 37 13 43-0020 | EA | 16" x 6" Steel Security Grille | 336.59 | 26.68 |
| | | *For Anchoring Tabs, Add* | *28.32* | |
| | | *For Angle Iron Frame, Add* | *47.82* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *104.47* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *70.81* | |
| | | *For Stainless Steel, Add* | *368.20* | |
| 23 37 13 43-0021 | EA | 16" x 8" Steel Security Grille | 384.40 | 28.91 |
| | | *For Anchoring Tabs, Add* | *32.66* | |
| | | *For Angle Iron Frame, Add* | *54.77* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *120.09* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *81.65* | |
| | | *For Stainless Steel, Add* | *424.57* | |
| 23 37 13 43-0022 | EA | 16" x 10" Steel Security Grille | 414.85 | 31.13 |
| | | *For Anchoring Tabs, Add* | *35.26* | |
| | | *For Angle Iron Frame, Add* | *59.12* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *129.64* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *88.15* | |
| | | *For Stainless Steel, Add* | *458.38* | |
| 23 37 13 43-0023 | EA | 16" x 12" Steel Security Grille | 467.32 | 32.79 |
| | | *For Anchoring Tabs, Add* | *40.17* | |
| | | *For Angle Iron Frame, Add* | *66.82* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *147.16* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *100.43* | |
| | | *For Stainless Steel, Add* | *522.25* | |
| 23 37 13 43-0024 | EA | 16" x 14" Steel Security Grille | 494.88 | 35.02 |
| | | *For Anchoring Tabs, Add* | *42.49* | |
| | | *For Angle Iron Frame, Add* | *70.73* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *155.70* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *106.21* | |
| | | *For Stainless Steel, Add* | *552.31* | |
| 23 37 13 43-0025 | EA | 16" x 16" Steel Security Grille | 536.90 | 37.25 |
| | | *For Anchoring Tabs, Add* | *46.24* | |
| | | *For Angle Iron Frame, Add* | *76.81* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *169.30* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *115.61* | |
| | | *For Stainless Steel, Add* | *601.15* | |
| 23 37 13 43-0026 | EA | 18" x 6" Steel Security Grille | 357.71 | 30.01 |
| | | *For Anchoring Tabs, Add* | *29.77* | |
| | | *For Angle Iron Frame, Add* | *50.66* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *110.19* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *74.42* | |
| | | *For Stainless Steel, Add* | *386.98* | |
| 23 37 13 43-0027 | EA | 18" x 8" Steel Security Grille | 408.41 | 32.24 |
| | | *For Anchoring Tabs, Add* | *34.39* | |
| | | *For Angle Iron Frame, Add* | *58.04* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *126.82* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *85.98* | |
| | | *For Stainless Steel, Add* | *447.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 43-0028 | EA | 18" x 10" Steel Security Grille | 447.53 | 34.47 |
| | | *For Anchoring Tabs, Add* | *37.86* | |
| | | *For Angle Iron Frame, Add* | *63.68* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *139.41* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *94.65* | |
| | | *For Stainless Steel, Add* | *492.19* | |
| 23 37 13 43-0029 | EA | 18" x 12" Steel Security Grille | 492.44 | 36.69 |
| | | *For Anchoring Tabs, Add* | *41.91* | |
| | | *For Angle Iron Frame, Add* | *70.20* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *154.01* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *104.77* | |
| | | *For Stainless Steel, Add* | *544.79* | |
| 23 37 13 43-0030 | EA | 18" x 14" Steel Security Grille | 526.01 | 36.13 |
| | | *For Anchoring Tabs, Add* | *45.38* | |
| | | *For Angle Iron Frame, Add* | *75.29* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *166.04* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *113.44* | |
| | | *For Stainless Steel, Add* | *589.88* | |
| 23 37 13 43-0031 | EA | 18" x 16" Steel Security Grille | 575.59 | 37.80 |
| | | *For Anchoring Tabs, Add* | *50.00* | |
| | | *For Angle Iron Frame, Add* | *82.56* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *182.56* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *125.00* | |
| | | *For Stainless Steel, Add* | *649.99* | |
| 23 37 13 43-0032 | EA | 18" x 18" Steel Security Grille | 616.49 | 39.47 |
| | | *For Anchoring Tabs, Add* | *53.76* | |
| | | *For Angle Iron Frame, Add* | *88.53* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *196.04* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *134.39* | |
| | | *For Stainless Steel, Add* | *698.83* | |
| 23 37 13 43-0033 | EA | 20" x 6" Steel Security Grille | 383.50 | 32.79 |
| | | *For Anchoring Tabs, Add* | *31.79* | |
| | | *For Angle Iron Frame, Add* | *54.25* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *117.83* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *79.48* | |
| | | *For Stainless Steel, Add* | *413.28* | |
| 23 37 13 43-0034 | EA | 20" x 8" Steel Security Grille | 433.53 | 36.13 |
| | | *For Anchoring Tabs, Add* | *36.13* | |
| | | *For Angle Iron Frame, Add* | *61.42* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *133.67* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *90.32* | |
| | | *For Stainless Steel, Add* | *469.65* | |
| 23 37 13 43-0035 | EA | 20" x 10" Steel Security Grille | 477.33 | 37.80 |
| | | *For Anchoring Tabs, Add* | *40.17* | |
| | | *For Angle Iron Frame, Add* | *67.82* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *148.17* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *100.43* | |
| | | *For Stainless Steel, Add* | *522.25* | |
| 23 37 13 43-0036 | EA | 20" x 12" Steel Security Grille | 525.12 | 40.03 |
| | | *For Anchoring Tabs, Add* | *44.51* | |
| | | *For Angle Iron Frame, Add* | *74.77* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *163.78* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *111.27* | |
| | | *For Stainless Steel, Add* | *578.60* | |
| 23 37 13 43-0037 | EA | 20" x 14" Steel Security Grille | 577.58 | 41.69 |
| | | *For Anchoring Tabs, Add* | *49.42* | |
| | | *For Angle Iron Frame, Add* | *82.47* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *181.31* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *123.55* | |
| | | *For Stainless Steel, Add* | *642.47* | |
| 23 37 13 43-0038 | EA | 20" x 16" Steel Security Grille | 624.27 | 43.36 |
| | | *For Anchoring Tabs, Add* | *53.76* | |
| | | *For Angle Iron Frame, Add* | *89.31* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *196.82* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *134.39* | |
| | | *For Stainless Steel, Add* | *698.83* | |
| 23 37 13 43-0039 | EA | 20" x 18" Steel Security Grille | 668.07 | 45.02 |
| | | *For Anchoring Tabs, Add* | *57.80* | |
| | | *For Angle Iron Frame, Add* | *95.71* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *211.31* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *144.51* | |
| | | *For Stainless Steel, Add* | *751.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 13 43-0040 | EA | 20" x 20" Steel Security Grille | 720.54 | 46.69 |
| | | *For Anchoring Tabs, Add* | *62.72* | |
| | | *For Angle Iron Frame, Add* | *103.41* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *228.84* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *156.79* | |
| | | *For Stainless Steel, Add* | *815.31* | |
| 23 37 13 43-0041 | EA | 24" x 6" Steel Security Grille | 425.97 | 36.69 |
| | | *For Anchoring Tabs, Add* | *35.26* | |
| | | *For Angle Iron Frame, Add* | *60.23* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *130.75* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *88.15* | |
| | | *For Stainless Steel, Add* | *458.38* | |
| 23 37 13 43-0042 | EA | 24" x 8" Steel Security Grille | 481.77 | 40.03 |
| | | *For Anchoring Tabs, Add* | *40.17* | |
| | | *For Angle Iron Frame, Add* | *68.26* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *148.61* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *100.43* | |
| | | *For Stainless Steel, Add* | *522.25* | |
| 23 37 13 43-0043 | EA | 24" x 10" Steel Security Grille | 527.34 | 41.13 |
| | | *For Anchoring Tabs, Add* | *44.51* | |
| | | *For Angle Iron Frame, Add* | *74.99* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *164.00* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *111.27* | |
| | | *For Stainless Steel, Add* | *578.60* | |
| 23 37 13 43-0044 | EA | 24" x 12" Steel Security Grille | 591.14 | 45.58 |
| | | *For Anchoring Tabs, Add* | *50.00* | |
| | | *For Angle Iron Frame, Add* | *84.11* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *184.11* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *125.00* | |
| | | *For Stainless Steel, Add* | *649.99* | |
| 23 37 13 43-0045 | EA | 24" x 14" Steel Security Grille | 637.82 | 47.25 |
| | | *For Anchoring Tabs, Add* | *54.33* | |
| | | *For Angle Iron Frame, Add* | *90.95* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *199.62* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *135.84* | |
| | | *For Stainless Steel, Add* | *706.34* | |
| 23 37 13 43-0046 | EA | 24" x 16" Steel Security Grille | 696.08 | 48.92 |
| | | *For Anchoring Tabs, Add* | *59.83* | |
| | | *For Angle Iron Frame, Add* | *99.52* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *219.17* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *149.57* | |
| | | *For Stainless Steel, Add* | *777.74* | |
| 23 37 13 43-0047 | EA | 24" x 18" Steel Security Grille | 762.99 | 50.58 |
| | | *For Anchoring Tabs, Add* | *66.18* | |
| | | *For Angle Iron Frame, Add* | *109.39* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *241.76* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *165.46* | |
| | | *For Stainless Steel, Add* | *860.39* | |
| 23 37 13 43-0048 | EA | 24" x 20" Steel Security Grille | 809.66 | 52.25 |
| | | *For Anchoring Tabs, Add* | *70.52* | |
| | | *For Angle Iron Frame, Add* | *116.23* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *257.26* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *176.30* | |
| | | *For Stainless Steel, Add* | *916.75* | |
| 23 37 13 43-0049 | EA | 24" x 24" Steel Security Grille | 908.83 | 55.59 |
| | | *For Anchoring Tabs, Add* | *79.77* | |
| | | *For Angle Iron Frame, Add* | *130.77* | |
| | | *For Rear Operated Opposed Blade Damper, Add* | *290.30* | |
| | | *For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add* | *0.35* | |
| | | *For 1" x 1" Square Holes On Face, Add* | *199.42* | |
| | | *For Stainless Steel, Add* | *1,036.98* | |

## 23 37 23 HVAC Gravity Ventilators *(23 37)*

### 23 37 23 13 HVAC Gravity Dome Ventilators *(23 37 23)*

23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood *(23 37 23 13)*

Note: Includes flange base and bird screen. Excludes curb.

| | | | | |
|---|---|---|---|---|
| 23 37 23 13-0002 | EA | 8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 657.35 | 64.35 |
| 23 37 23 13-0003 | EA | 8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 700.28 | 73.67 |
| 23 37 23 13-0004 | EA | 8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 875.06 | 91.64 |
| 23 37 23 13-0005 | EA | 8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 932.06 | 97.52 |
| 23 37 23 13-0006 | EA | 8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,087.85 | 113.50 |
| 23 37 23 13-0007 | EA | 10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 773.02 | 73.23 |
| 23 37 23 13-0008 | EA | 12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 851.48 | 82.55 |
| 23 37 23 13-0009 | EA | 12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 981.96 | 88.75 |
| 23 37 23 13-0010 | EA | 12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,078.59 | 107.57 |
| 23 37 23 13-0011 | EA | 12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,233.65 | 115.38 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 37 23 13-0012 | EA | 12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,388.54 | 122.48 |
| 23 37 23 13-0013 | EA | 14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 919.43 | 83.54 |
| 23 37 23 13-0014 | EA | 14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,047.75 | 95.19 |
| 23 37 23 13-0015 | EA | 14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,176.08 | 106.84 |
| 23 37 23 13-0016 | EA | 14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,325.69 | 120.49 |
| 23 37 23 13-0017 | EA | 14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,496.82 | 136.02 |
| 23 37 23 13-0018 | EA | 16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,111.84 | 101.07 |
| 23 37 23 13-0019 | EA | 16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,154.64 | 104.95 |
| 23 37 23 13-0020 | EA | 16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,282.96 | 116.60 |
| 23 37 23 13-0021 | EA | 16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,453.98 | 132.14 |
| 23 37 23 13-0022 | EA | 16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,625.00 | 147.66 |
| 23 37 23 13-0023 | EA | 16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,860.23 | 169.08 |
| 23 37 23 13-0024 | EA | 18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,104.41 | 99.62 |
| 23 37 23 13-0025 | EA | 18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,285.08 | 115.94 |
| 23 37 23 13-0026 | EA | 18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,465.87 | 132.25 |
| 23 37 23 13-0027 | EA | 18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,666.65 | 150.33 |
| 23 37 23 13-0028 | EA | 18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,847.34 | 166.63 |
| 23 37 23 13-0029 | EA | 20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,165.62 | 110.50 |
| 23 37 23 13-0030 | EA | 20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,318.41 | 125.03 |
| 23 37 23 13-0031 | EA | 20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,471.33 | 139.46 |
| 23 37 23 13-0032 | EA | 20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,700.66 | 161.20 |
| 23 37 23 13-0033 | EA | 20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,872.59 | 177.51 |
| 23 37 23 13-0034 | EA | 24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,479.05 | 148.55 |
| 23 37 23 13-0035 | EA | 24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,641.35 | 164.86 |
| 23 37 23 13-0036 | EA | 24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,875.88 | 188.39 |
| 23 37 23 13-0037 | EA | 24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,056.23 | 206.46 |
| 23 37 23 13-0038 | EA | 24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,254.64 | 226.44 |
| 23 37 23 13-0039 | EA | 30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,769.32 | 169.08 |
| 23 37 23 13-0040 | EA | 30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 1,949.52 | 186.27 |
| 23 37 23 13-0041 | EA | 30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,146.20 | 205.02 |
| 23 37 23 13-0042 | EA | 30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,342.76 | 223.88 |
| 23 37 23 13-0043 | EA | 30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,850.58 | 272.36 |
| 23 37 23 13-0044 | EA | 30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,047.27 | 291.11 |
| 23 37 23 13-0045 | EA | 36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,056.13 | 209.80 |
| 23 37 23 13-0046 | EA | 36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,255.54 | 230.10 |
| 23 37 23 13-0047 | EA | 36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,700.52 | 275.48 |
| 23 37 23 13-0048 | EA | 36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,007.35 | 306.76 |
| 23 37 23 13-0049 | EA | 36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,191.55 | 325.62 |
| 23 37 23 13-0050 | EA | 36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,437.01 | 350.58 |
| 23 37 23 13-0051 | EA | 36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,866.68 | 394.40 |
| 23 37 23 13-0052 | EA | 42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 2,436.78 | 234.86 |
| 23 37 23 13-0053 | EA | 42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,025.40 | 291.56 |
| 23 37 23 13-0054 | EA | 42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,449.82 | 332.50 |
| 23 37 23 13-0055 | EA | 42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,572.97 | 344.37 |
| 23 37 23 13-0056 | EA | 42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,983.68 | 383.87 |
| 23 37 23 13-0057 | EA | 42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,380.66 | 422.14 |
| 23 37 23 13-0058 | EA | 48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,248.01 | 339.04 |
| 23 37 23 13-0059 | EA | 48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,513.50 | 366.78 |
| 23 37 23 13-0060 | EA | 48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,778.87 | 394.52 |
| 23 37 23 13-0061 | EA | 48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,195.93 | 438.01 |
| 23 37 23 13-0062 | EA | 48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,421.69 | 443.77 |
| 23 37 23 13-0063 | EA | 54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 3,758.20 | 382.20 |
| 23 37 23 13-0064 | EA | 54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,215.59 | 428.69 |
| 23 37 23 13-0065 | EA | 54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,574.16 | 465.18 |
| 23 37 23 13-0066 | EA | 54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,870.77 | 495.36 |
| 23 37 23 13-0067 | EA | 60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,683.78 | 475.83 |
| 23 37 23 13-0068 | EA | 60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,926.62 | 507.24 |
| 23 37 23 13-0069 | EA | 60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 5,283.92 | 546.18 |
| 23 37 23 13-0070 | EA | 66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 4,969.45 | 548.73 |
| 23 37 23 13-0071 | EA | 66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 5,811.22 | 641.70 |
| 23 37 23 13-0072 | EA | 72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI) | 5,917.21 | 591.67 |

## 23 38 Ventilation Hoods *(23 30)*

### 23 38 13 Commercial-Kitchen Hoods *(23 38)*

#### 23 38 13 13 Listed Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 13-0001 Universal Ventless Hood *(23 38 13 13)*

| | | | | |
|---|---|---|---|---|
| 23 38 13 13-0002 | EA | 109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96) | 46,182.35 | 492.48 |

#### 23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System *(23 38 13 16)*

Note: Excludes fire suppression. See CSI section 21 24 16 00-0000 for fire suppression system, 23 31 13 23-0000 for duct, 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

| | | | | |
|---|---|---|---|---|
| 23 38 13 16-0003 | EA | 8' Long x 60" Deep Dry Filter Exhaust Hood | 11,070.45 | 923.98 |
| 23 38 13 16-0004 | EA | 8'-6" Long x 60" Deep Dry Filter Exhaust Hood | 11,534.76 | 981.74 |
| 23 38 13 16-0005 | EA | 9' Long x 60" Deep Dry Filter Exhaust Hood | 12,859.00 | 1,039.49 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 38 13 16-0006 | EA | 9'-6" Long x 60" Deep Dry Filter Exhaust Hood | 13,251.75 | 1,097.24 |
| 23 38 13 16-0007 | EA | 10' Long x 60" Deep Dry Filter Exhaust Hood | 13,728.62 | 1,154.98 |
| 23 38 13 16-0008 | EA | 10'-6" Long x 60" Deep Dry Filter Exhaust Hood | 14,232.19 | 1,212.73 |
| 23 38 13 16-0009 | EA | 11' Long x 60" Deep Dry Filter Exhaust Hood | 14,709.75 | 1,270.48 |
| 23 38 13 16-0010 | EA | 11'-6" Long x 60" Deep Dry Filter Exhaust Hood | 15,201.76 | 1,328.23 |
| 23 38 13 16-0011 | EA | 12' Long x 60" Deep Dry Filter Exhaust Hood | 15,748.45 | 1,385.99 |
| 23 38 13 16-0012 | EA | 12'-6" Long x 60" Deep Dry Filter Exhaust Hood | 16,223.12 | 1,443.73 |
| 23 38 13 16-0013 | EA | 13' Long x 60" Deep Dry Filter Exhaust Hood | 16,616.98 | 1,501.48 |
| 23 38 13 16-0014 | EA | 13'-6" Long x 60" Deep Dry Filter Exhaust Hood | 17,276.81 | 1,559.23 |
| 23 38 13 16-0015 | EA | 14' Long x 60" Deep Dry Filter Exhaust Hood | 19,318.91 | 1,616.98 |
| 23 38 13 16-0016 | EA | 14'-6" Long x 60" Deep Dry Filter Exhaust Hood | 19,841.17 | 1,674.72 |
| 23 38 13 16-0017 | EA | 15" Long x 60" Deep Dry Filter Exhaust Hood | 20,548.11 | 1,732.47 |
| 23 38 13 16-0018 | EA | 15"-6" Long x 60" Deep Dry Filter Exhaust Hood | 21,081.87 | 1,790.23 |
| 23 38 13 16-0019 | EA | 16' Long x 60" Deep Dry Filter Exhaust Hood | 21,876.97 | 1,847.98 |
| **23 38 13 16-0020** | | **Dry Extractor Exhaust Hoods** *(23 38 13 16-0001)*<br>Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels. | | |
| 23 38 13 16-0021 | EA | 8' Long x 60" Deep Dry Extractor Exhaust Hood | 15,460.10 | 923.98 |
| 23 38 13 16-0022 | EA | 8'-6" Long x 60" Deep Dry Extractor Exhaust Hood | 15,952.19 | 981.74 |
| 23 38 13 16-0023 | EA | 9' Long x 60" Deep Dry Extractor Exhaust Hood | 17,359.78 | 1,039.49 |
| 23 38 13 16-0024 | EA | 9'-6" Long x 60" Deep Dry Extractor Exhaust Hood | 17,863.67 | 1,097.24 |
| 23 38 13 16-0025 | EA | 10' Long x 60" Deep Dry Extractor Exhaust Hood | 18,368.31 | 1,154.98 |
| 23 38 13 16-0026 | EA | 10'-6" Long x 60" Deep Dry Extractor Exhaust Hood | 18,844.11 | 1,212.73 |
| 23 38 13 16-0027 | EA | 11' Long x 60" Deep Dry Extractor Exhaust Hood | 19,349.44 | 1,270.48 |
| 23 38 13 16-0028 | EA | 11'-6" Long x 60" Deep Dry Extractor Exhaust Hood | 19,827.57 | 1,328.23 |
| 23 38 13 16-0029 | EA | 12' Long x 60" Deep Dry Extractor Exhaust Hood | 20,277.02 | 1,385.99 |
| 23 38 13 16-0030 | EA | 12'-6" Long x 60" Deep Dry Extractor Exhaust Hood | 20,918.38 | 1,443.73 |
| 23 38 13 16-0031 | EA | 13' Long x 60" Deep Dry Extractor Exhaust Hood | 21,659.53 | 1,501.48 |
| 23 38 13 16-0032 | EA | 13'-6" Long x 60" Deep Dry Extractor Exhaust Hood | 22,444.38 | 1,559.23 |
| 23 38 13 16-0033 | EA | 14' Long x 60" Deep Dry Extractor Exhaust Hood | 24,083.62 | 1,616.98 |
| 23 38 13 16-0034 | EA | 14'-6" Long x 60" Deep Dry Extractor Exhaust Hood | 24,883.72 | 1,674.72 |
| 23 38 13 16-0035 | EA | 15" Long x 60" Deep Dry Extractor Exhaust Hood | 26,438.02 | 1,732.47 |
| 23 38 13 16-0036 | EA | 15"-6" Long x 60" Deep Dry Extractor Exhaust Hood | 28,013.63 | 1,790.23 |
| 23 38 13 16-0037 | EA | 16' Long x 60" Deep Dry Extractor Exhaust Hood | 29,572.75 | 1,847.98 |
| **23 38 13 16-0038** | | **Single Manifold Water Wash Exhaust Hoods** *(23 38 13 16-0001)*<br>Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel. | | |
| 23 38 13 16-0039 | EA | 8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 16,571.41 | 923.98 |
| 23 38 13 16-0040 | EA | 8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 17,091.28 | 981.74 |
| 23 38 13 16-0041 | EA | 9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 18,526.65 | 1,039.49 |
| 23 38 13 16-0042 | EA | 9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 19,044.43 | 1,097.24 |
| 23 38 13 16-0043 | EA | 10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 19,590.75 | 1,154.98 |
| 23 38 13 16-0044 | EA | 10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 20,094.32 | 1,212.73 |
| 23 38 13 16-0045 | EA | 11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 20,613.55 | 1,270.48 |
| 23 38 13 16-0046 | EA | 11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 21,133.35 | 1,328.23 |
| 23 38 13 16-0047 | EA | 12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 21,596.69 | 1,385.99 |
| 23 38 13 16-0048 | EA | 12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 22,293.62 | 1,443.73 |
| 23 38 13 16-0049 | EA | 13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 23,090.33 | 1,501.48 |
| 23 38 13 16-0050 | EA | 13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 23,930.75 | 1,559.23 |
| 23 38 13 16-0051 | EA | 14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 25,625.56 | 1,616.98 |
| 23 38 13 16-0052 | EA | 14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 26,481.21 | 1,674.72 |
| 23 38 13 16-0053 | EA | 15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 28,188.32 | 1,732.47 |
| 23 38 13 16-0054 | EA | 15"-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 29,041.58 | 1,790.23 |
| 23 38 13 16-0055 | EA | 16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood | 29,892.25 | 1,847.98 |
| 23 38 13 16-0056 | EA | Fan Wash Control Panel<br>Note: Includes time clock and backflow preventer. | 11,866.66 | 461.99 |
| **23 38 13 16-0057** | | **Utility Distribution System (UDS)** *(23 38 13 16-0001)*<br>Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker. | | |
| 23 38 13 16-0058 | EA | 8' Long UDS | 29,952.02 | 469.85 |
| 23 38 13 16-0059 | EA | 8'-6" Long UDS | 30,835.47 | 481.29 |
| 23 38 13 16-0060 | EA | 9' Long UDS | 31,709.25 | 492.48 |
| 23 38 13 16-0061 | EA | 9'-6" Long UDS | 32,592.16 | 508.19 |
| 23 38 13 16-0062 | EA | 10' Long UDS | 33,468.55 | 520.67 |
| 23 38 13 16-0063 | EA | 10'-6" Long UDS | 34,336.95 | 533.83 |
| 23 38 13 16-0064 | EA | 11' Long UDS | 35,215.85 | 542.95 |
| 23 38 13 16-0065 | EA | 11'-6" Long UDS | 36,095.83 | 557.28 |
| 23 38 13 16-0066 | EA | 12' Long UDS | 36,987.75 | 577.50 |
| 23 38 13 16-0067 | EA | 12'-6" Long UDS | 37,894.14 | 604.98 |
| 23 38 13 16-0068 | EA | 13' Long UDS | 38,781.13 | 622.77 |
| 23 38 13 16-0069 | EA | 13'-6" Long UDS | 39,683.38 | 648.17 |
| 23 38 13 16-0070 | EA | 14' Long UDS | 40,575.71 | 668.62 |
| 23 38 13 16-0071 | EA | 14'-6" Long UDS | 41,470.72 | 690.45 |
| 23 38 13 16-0072 | EA | 15' Long UDS | 42,368.67 | 713.78 |
| 23 38 13 16-0073 | EA | 15'-6" Long UDS | 43,269.85 | 738.62 |
| 23 38 13 16-0074 | EA | 16' Long UDS | 44,156.43 | 756.28 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 23 38 13 16-0075 Stainless Steel Exhaust Hood Material *(23 38 13 16)*

Note: Welded seams.

| | | | | |
|---|---|---|---|---|
| 23 38 13 16-0076 | SF | 16 Gauge, Type 304, Stainless Steel Exhaust Hood Material | 40.08 | 13.94 |
| | | *For Type 316 Stainless Steel, Add* | *1.12* | |
| 23 38 13 16-0077 | SF | 14 Gauge, Type 304, Stainless Steel Exhaust Hood Material | 50.11 | 18.58 |
| | | *For Type 316 Stainless Steel, Add* | *1.40* | |
| 23 38 13 16-0078 | SF | 12 Gauge, Type 304, Stainless Steel Exhaust Hood Material | 69.57 | 25.08 |
| | | *For Type 316 Stainless Steel, Add* | *1.95* | |
| 23 38 13 16-0079 | SF | 10 Gauge, Type 304, Stainless Steel Exhaust Hood Material | 87.07 | 30.66 |
| | | *For Type 316 Stainless Steel, Add* | *2.51* | |

### 23 38 13 16-0080 Kitchen Exhaust Hood *(23 38 13 16)*

| | | | | |
|---|---|---|---|---|
| 23 38 13 16-0081 | EA | 10' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System With PSP Makeup Air (Halifax LPSHP1048)<br>Note: Ductwork connections by others. | 9,841.58 | 2,048.07 |
| | | *For Type 316 Stainless Steel, Add* | *574.55* | |
| 23 38 13 16-0082 | EA | 8' x 4', Type 1, Commercial Kitchen Hood System With Short Cycle Makeup Air (Halifax SCHP848)<br>Note: Ductwork connections by others. | 9,022.35 | 1,638.45 |
| | | *For Type 316 Stainless Steel, Add* | *574.55* | |
| 23 38 13 16-0083 | EA | 4' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP448)<br>Note: Ductwork connections by others. | 4,912.25 | 819.23 |
| | | *For Type 316 Stainless Steel, Add* | *327.38* | |
| 23 38 13 16-0084 | EA | 6' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP648)<br>Note: Ductwork connections by others. | 6,292.53 | 1,228.84 |
| | | *For Type 316 Stainless Steel, Add* | *383.49* | |
| 23 38 13 16-0085 | EA | 5' x 4', Type 1, Commercial Kitchen Hood System (Halifax EXHP548)<br>Note: Ductwork connections by others. | 5,685.79 | 1,024.03 |
| | | *For Type 316 Stainless Steel, Add* | *363.77* | |

## 23 40 HVAC Air Cleaning Devices *(23)*

## 23 41 Particulate Air Filtration *(23 40)*

### 23 41 13 Panel Air Filters *(23 41)*

### 23 41 13 00-0001 Disposable Air Filters *(23 41 13)*

| | | | |
|---|---|---|---|
| 23 41 13 00-0002 | EA | Throwaway Glass Or Paper Media Filter, Residential | 12.39 |

### 23 41 13 00-0003 Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*

| | | | |
|---|---|---|---|
| 23 41 13 00-0004 | MF3 | Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar | 68.34 |
| 23 41 13 00-0005 | MF3 | Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar | 66.00 |
| 23 41 13 00-0006 | MF3 | Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar | 2.85 |

### 23 41 16 Renewable-Media Air Filters *(23 41)*

### 23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*

| | | | |
|---|---|---|---|
| 23 41 16 00-0002 | MF3 | Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar | 117.60 |

### 23 41 19 Washable Air Filters *(23 41)*

### 23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*

| | | | |
|---|---|---|---|
| 23 41 19 00-0002 | MF3 | Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar | 44.90 |

### 23 41 33 High-Efficiency Particulate Filtration *(23 41)*

### 23 41 33 00-0001 High Efficiency Particulate Air (HEPA) Filters *(23 41 33)*

Note: Includes particle board and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.

### 23 41 33 00-0002 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95% *(23 41 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 41 33 00-0003 | EA | 12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete | 120.19 | 15.56 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.11* | |
| | | *For >10 To 25, Deduct* | *-3.00* | |
| | | *For >25 To 50, Deduct* | *-6.01* | |
| | | *For >50 To 100, Deduct* | *-9.01* | |
| | | *For >100, Deduct* | *-12.02* | |
| 23 41 33 00-0004 | EA | 24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete | 159.88 | 17.79 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.56* | |
| | | *For >10 To 25, Deduct* | *-4.00* | |
| | | *For >25 To 50, Deduct* | *-7.99* | |
| | | *For >50 To 100, Deduct* | *-11.99* | |
| | | *For >100, Deduct* | *-15.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 41 33 00-0005 | EA | 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete | 187.14 | 20.57 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *4.11* | |
| | | *For >10 To 25, Deduct* | *-4.68* | |
| | | *For >25 To 50, Deduct* | *-9.36* | |
| | | *For >50 To 100, Deduct* | *-14.04* | |
| | | *For >100, Deduct* | *-18.71* | |
| 23 41 33 00-0006 | EA | 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete | 214.41 | 23.35 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *4.67* | |
| | | *For >10 To 25, Deduct* | *-5.36* | |
| | | *For >25 To 50, Deduct* | *-10.72* | |
| | | *For >50 To 100, Deduct* | *-16.08* | |
| | | *For >100, Deduct* | *-21.44* | |
| 23 41 33 00-0007 | EA | 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete | 146.50 | 16.68 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.34* | |
| | | *For >10 To 25, Deduct* | *-3.66* | |
| | | *For >25 To 50, Deduct* | *-7.33* | |
| | | *For >50 To 100, Deduct* | *-10.99* | |
| | | *For >100, Deduct* | *-14.65* | |
| 23 41 33 00-0008 | EA | 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete | 196.84 | 19.46 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.89* | |
| | | *For >10 To 25, Deduct* | *-4.92* | |
| | | *For >25 To 50, Deduct* | *-9.84* | |
| | | *For >50 To 100, Deduct* | *-14.76* | |
| | | *For >100, Deduct* | *-19.68* | |
| 23 41 33 00-0009 | EA | 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete | 235.31 | 22.24 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *4.45* | |
| | | *For >10 To 25, Deduct* | *-5.88* | |
| | | *For >25 To 50, Deduct* | *-11.77* | |
| | | *For >50 To 100, Deduct* | *-17.65* | |
| | | *For >100, Deduct* | *-23.53* | |
| 23 41 33 00-0010 | EA | 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete | 279.35 | 27.80 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *5.56* | |
| | | *For >10 To 25, Deduct* | *-6.98* | |
| | | *For >25 To 50, Deduct* | *-13.97* | |
| | | *For >50 To 100, Deduct* | *-20.95* | |
| | | *For >100, Deduct* | *-27.94* | |
| 23 41 33 00-0011 | | High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% *(23 41 33 00-0001)* | | |
| 23 41 33 00-0012 | EA | 12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete | 102.96 | 13.90 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *2.78* | |
| | | *For >10 To 25, Deduct* | *-2.57* | |
| | | *For >25 To 50, Deduct* | *-5.15* | |
| | | *For >50 To 100, Deduct* | *-7.72* | |
| | | *For >100, Deduct* | *-10.30* | |
| 23 41 33 00-0013 | EA | 24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete | 142.57 | 16.68 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.34* | |
| | | *For >10 To 25, Deduct* | *-3.56* | |
| | | *For >25 To 50, Deduct* | *-7.13* | |
| | | *For >50 To 100, Deduct* | *-10.69* | |
| | | *For >100, Deduct* | *-14.26* | |
| 23 41 33 00-0014 | EA | 24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete | 218.36 | 19.46 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.89* | |
| | | *For >10 To 25, Deduct* | *-5.46* | |
| | | *For >25 To 50, Deduct* | *-10.92* | |
| | | *For >50 To 100, Deduct* | *-16.38* | |
| | | *For >100, Deduct* | *-21.84* | |
| 23 41 33 00-0015 | EA | 36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete | 280.84 | 22.24 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *4.45* | |
| | | *For >10 To 25, Deduct* | *-7.02* | |
| | | *For >25 To 50, Deduct* | *-14.04* | |
| | | *For >50 To 100, Deduct* | *-21.06* | |
| | | *For >100, Deduct* | *-28.08* | |
| 23 41 33 00-0016 | EA | 8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete | 97.33 | 11.12 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *2.22* | |
| | | *For >10 To 25, Deduct* | *-2.43* | |
| | | *For >25 To 50, Deduct* | *-4.87* | |
| | | *For >50 To 100, Deduct* | *-7.30* | |
| | | *For >100, Deduct* | *-9.73* | |
| 23 41 33 00-0017 | EA | 12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete | 128.97 | 15.01 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.00* | |
| | | *For >10 To 25, Deduct* | *-3.22* | |
| | | *For >25 To 50, Deduct* | *-6.45* | |
| | | *For >50 To 100, Deduct* | *-9.67* | |
| | | *For >100, Deduct* | *-12.90* | |
| 23 41 33 00-0018 | EA | 24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete | 173.70 | 17.79 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.56* | |
| | | *For >10 To 25, Deduct* | *-4.34* | |
| | | *For >25 To 50, Deduct* | *-8.69* | |
| | | *For >50 To 100, Deduct* | *-13.03* | |
| | | *For >100, Deduct* | *-17.37* | |
| 23 41 33 00-0019 | EA | 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete | 203.92 | 20.85 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *4.17* | |
| | | *For >10 To 25, Deduct* | *-5.10* | |
| | | *For >25 To 50, Deduct* | *-10.20* | |
| | | *For >50 To 100, Deduct* | *-15.29* | |
| | | *For >100, Deduct* | *-20.39* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 41 33 00-0020 | EA | 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete | 233.04 | 23.35 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *4.67* | |
| | | *For >10 To 25, Deduct* | *-5.83* | |
| | | *For >25 To 50, Deduct* | *-11.65* | |
| | | *For >50 To 100, Deduct* | *-17.48* | |
| | | *For >100, Deduct* | *-23.30* | |
| 23 41 33 00-0021 | EA | 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete | 159.07 | 16.68 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.34* | |
| | | *For >10 To 25, Deduct* | *-3.98* | |
| | | *For >25 To 50, Deduct* | *-7.95* | |
| | | *For >50 To 100, Deduct* | *-11.93* | |
| | | *For >100, Deduct* | *-15.91* | |
| 23 41 33 00-0022 | EA | 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete | 214.39 | 19.46 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *3.89* | |
| | | *For >10 To 25, Deduct* | *-5.36* | |
| | | *For >25 To 50, Deduct* | *-10.72* | |
| | | *For >50 To 100, Deduct* | *-16.08* | |
| | | *For >100, Deduct* | *-21.44* | |
| 23 41 33 00-0023 | EA | 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete | 256.52 | 22.24 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *4.45* | |
| | | *For >10 To 25, Deduct* | *-6.41* | |
| | | *For >25 To 50, Deduct* | *-12.83* | |
| | | *For >50 To 100, Deduct* | *-19.24* | |
| | | *For >100, Deduct* | *-25.65* | |
| 23 41 33 00-0024 | EA | 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete | 316.04 | 27.80 |
| | | *For Removal And Replacement In Existing Equipment, Add* | *5.56* | |
| | | *For >10 To 25, Deduct* | *-7.90* | |
| | | *For >25 To 50, Deduct* | *-15.80* | |
| | | *For >50 To 100, Deduct* | *-23.70* | |
| | | *For >100, Deduct* | *-31.60* | |

### 23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*

Note: Nominal sizes.

| | | | | |
|---|---|---|---|---|
| 23 41 33 00-0026 | EA | 12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 292.65 | 82.95 |
| 23 41 33 00-0027 | EA | 24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 545.22 | 164.87 |
| 23 41 33 00-0028 | EA | 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 553.81 | 164.87 |
| 23 41 33 00-0029 | EA | 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 559.53 | 164.87 |
| 23 41 33 00-0030 | EA | 24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 599.60 | 164.87 |
| 23 41 33 00-0031 | EA | 24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 649.69 | 164.87 |
| 23 41 33 00-0032 | EA | 48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 1,056.09 | 330.77 |
| 23 41 33 00-0033 | EA | 48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 1,177.74 | 330.77 |
| 23 41 33 00-0034 | EA | 48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 1,332.30 | 330.77 |
| 23 41 33 00-0035 | EA | 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 316.98 | 82.95 |
| 23 41 33 00-0036 | EA | 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 586.72 | 164.87 |
| 23 41 33 00-0037 | EA | 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 596.74 | 164.87 |
| 23 41 33 00-0038 | EA | 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 603.89 | 164.87 |
| 23 41 33 00-0039 | EA | 24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 651.12 | 164.87 |
| 23 41 33 00-0040 | EA | 24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 714.09 | 164.87 |
| 23 41 33 00-0041 | EA | 48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 1,156.27 | 330.77 |
| 23 41 33 00-0042 | EA | 48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 1,307.97 | 330.77 |
| 23 41 33 00-0043 | EA | 48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal | 1,499.74 | 330.77 |

### 23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency *(23 41 33)*

| | | | | |
|---|---|---|---|---|
| 23 41 33 00-0045 | EA | 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency | 257.72 | 107.52 |
| 23 41 33 00-0046 | EA | 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency | 297.77 | 107.52 |

### 23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency *(23 41 33)*

| | | | | |
|---|---|---|---|---|
| 23 41 33 00-0048 | EA | 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency | 253.13 | 107.52 |
| 23 41 33 00-0049 | EA | 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency | 282.67 | 107.52 |

## 23 42 Gas-Phase Air Filtration *(23 40)*

### 23 42 13 Activated-Carbon Air Filtration *(23 42)*

| | | | | |
|---|---|---|---|---|
| 23 42 13 00-0001 | EA | 12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter | 43.34 | 8.34 |
| 23 42 13 00-0002 | EA | 16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter | 43.84 | 8.34 |
| 23 42 13 00-0003 | EA | 16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter | 44.14 | 8.34 |
| 23 42 13 00-0004 | EA | 20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter | 44.14 | 8.34 |
| 23 42 13 00-0005 | EA | 20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter | 47.90 | 8.34 |
| 23 42 13 00-0006 | EA | 24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter | 54.07 | 8.34 |
| 23 42 13 00-0007 | EA | 12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter | 54.80 | 9.45 |
| 23 42 13 00-0008 | EA | 16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter | 55.22 | 9.45 |
| 23 42 13 00-0009 | EA | 16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter | 55.58 | 9.45 |
| 23 42 13 00-0010 | EA | 20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter | 55.58 | 9.45 |
| 23 42 13 00-0011 | EA | 20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter | 59.73 | 9.45 |
| 23 42 13 00-0012 | EA | 24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter | 71.29 | 9.45 |
| 23 42 13 00-0013 | EA | 16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter | 26.17 | 8.34 |
| 23 42 13 00-0014 | EA | 16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter | 27.95 | 8.34 |
| 23 42 13 00-0015 | EA | 20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter | 28.02 | 8.34 |
| 23 42 13 00-0016 | EA | 20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter | 30.36 | 8.34 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 42 13 00-0017 | EA | 24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter | 32.43 | 8.34 |
| 23 42 13 00-0018 | EA | 16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter | 30.30 | 9.45 |
| 23 42 13 00-0019 | EA | 16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter | 33.41 | 9.45 |
| 23 42 13 00-0020 | EA | 20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter | 34.07 | 9.45 |
| 23 42 13 00-0021 | EA | 20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter | 37.93 | 9.45 |
| 23 42 13 00-0022 | EA | 24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter | 40.39 | 9.45 |
| 23 42 13 00-0023 | EA | 24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter | 66.88 | 10.00 |

## 23 43 Electronic Air Cleaners *(23 40)*

### 23 43 23 Self-Contained Electronic Air Cleaners *(23 43)*

#### 23 43 23 00-0001 Stationary Floor, Room Air Purifier *(23 43 23)*

| | | | | |
|---|---|---|---|---|
| 23 43 23 00-0002 | EA | Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M) | 982.14 | |
| 23 43 23 00-0003 | EA | Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L) | 1,368.12 | |
| 23 43 23 00-0004 | EA | Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL) | 3,463.44 | |
| 23 43 23 00-0005 | EA | Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact) | 774.00 | |
| 23 43 23 00-0006 | EA | Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine) | 1,394.32 | |
| 23 43 23 00-0007 | EA | Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial) | 5,529.82 | |

#### 23 43 23 00-0008 Surface Mounted, Room Air Purifier *(23 43 23)*

| | | | | |
|---|---|---|---|---|
| 23 43 23 00-0009 | EA | Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067) | 2,541.00 | |
| 23 43 23 00-0010 | EA | Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064) | 3,538.28 | |
| 23 43 23 00-0011 | EA | Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S) | 4,046.32 | |

#### 23 43 23 00-0012 Suspension Ceiling Mounted, Room Air Purifier *(23 43 23)*

| | | | | |
|---|---|---|---|---|
| 23 43 23 00-0013 | EA | 2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24) | 3,280.51 | |

#### 23 43 23 00-0014 Ionization Systems *(23 43 23)*

| | | | | |
|---|---|---|---|---|
| 23 43 23 00-0015 | EA | Duct Mounted Auto-Cleaning Needlepoint Bipolar Ionization System (Global Plasma Solutions, Inc.® GPS DM-2 And DM-S) | 551.12 | 55.59 |
| 23 43 23 00-0016 | EA | Duct Mounted Auto-Cleaning Needlepoint Bipolar Ionization System (Global Plasma Solutions, Inc.® GPS GPS-DM48-AC) | 724.37 | 55.59 |
| 23 43 23 00-0017 | EA | 2,400 CFM Auto-Cleaning Needlepoint Bipolar Ionization System (Global Plasma Solutions, Inc.® GPS GPS-FC24-AC) | 565.82 | 55.59 |
| 23 43 23 00-0018 | EA | 4,800 CFM Auto-Cleaning Needlepoint Bipolar Ionization System (Global Plasma Solutions, Inc.® GPS GPS-FC48-AC) | 612.02 | 55.59 |
| 23 43 23 00-0019 | EA | 8,000 CFM System, Modular Needlepoint Bipolar Ionization Air Purification System (Global Plasma Solutions, Inc.® GPS GPS-iMOD) | 3,927.92 | 55.59 |
| 23 43 23 00-0020 | EA | 15,000 CFM System, Modular Needlepoint Bipolar Ionization Air Purification System (Global Plasma Solutions, Inc.® GPS GPS-iMOD) | 5,773.76 | 83.38 |
| 23 43 23 00-0021 | EA | 20,000 CFM System, Modular Needlepoint Bipolar Ionization Air Purification System (Global Plasma Solutions, Inc.® GPS GPS-iMOD) | 7,624.84 | 111.17 |

## 23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

## 23 51 Breechings, Chimneys, and Stacks *(23 50)*

### 23 51 13 Draft Control Devices *(23 51)*

### 23 51 13 13 Draft-Induction Fans *(23 51 13)*

#### 23 51 13 13-0001 Vertical Discharge Fans *(23 51 13 13)*

Note: Includes chimney adapter. Excludes wiring.

#### 23 51 13 13-0002 Axial Vane Vertical Discharge Fans *(23 51 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 51 13 13-0003 | EA | 450 CFM Vertical Discharge Chimney Fan, Axial Vane | 2,755.61 | 225.29 |
| 23 51 13 13-0004 | EA | 950 CFM Vertical Discharge Chimney Fan, Axial Vane | 3,121.95 | 245.77 |
| 23 51 13 13-0005 | EA | 1,400 CFM Vertical Discharge Chimney Fan, Axial Vane | 3,742.57 | 271.37 |
| 23 51 13 13-0006 | EA | 1,800 CFM Vertical Discharge Chimney Fan, Axial Vane | 4,882.81 | 314.89 |

#### 23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans *(23 51 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 51 13 13-0008 | EA | 700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller | 3,307.34 | 245.77 |
| 23 51 13 13-0009 | EA | 1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller | 4,027.41 | 271.37 |
| 23 51 13 13-0010 | EA | 2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller | 5,222.43 | 317.45 |
| 23 51 13 13-0011 | EA | 3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller | 6,180.55 | 355.85 |

#### 23 51 13 13-0012 Accessories For Vertical Discharge Fans *(23 51 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 51 13 13-0013 | EA | Modulating Fan Controller And Sensor | 397.67 | 76.80 |

### 23 51 13 16 Vent Dampers *(23 51 13)*

#### 23 51 13 16-0001 Flue Shutter Draft Control Damper, Parallel Blade *(23 51 13 16)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 13 16-0002 | EA | 3" Round Flue Shutter Draft Control Damper | 858.30 | 45.47 |
| 23 51 13 16-0003 | EA | 4" Round Flue Shutter Draft Control Damper | 941.32 | 48.23 |
| 23 51 13 16-0004 | EA | 5" Round Flue Shutter Draft Control Damper | 1,039.54 | 51.20 |
| 23 51 13 16-0005 | EA | 6" Round Flue Shutter Draft Control Damper | 1,110.64 | 54.60 |
| 23 51 13 16-0006 | EA | 7" Round Flue Shutter Draft Control Damper | 1,212.75 | 58.49 |
| 23 51 13 16-0007 | EA | 8" Round Flue Shutter Draft Control Damper | 1,288.20 | 62.97 |
| 23 51 13 16-0008 | EA | 10" Round Flue Shutter Draft Control Damper | 1,424.44 | 68.29 |
| 23 51 13 16-0009 | EA | 12" Round Flue Shutter Draft Control Damper | 1,564.20 | 74.46 |
| 23 51 13 16-0010 | EA | 14" Round Flue Shutter Draft Control Damper | 1,751.74 | 78.08 |
| 23 51 13 16-0011 | EA | 16" Round Flue Shutter Draft Control Damper | 1,882.12 | 81.92 |
| 23 51 13 16-0012 | EA | 18" Round Flue Shutter Draft Control Damper | 2,056.79 | 86.02 |
| 23 51 13 16-0013 | EA | 20" Round Flue Shutter Draft Control Damper | 2,430.04 | 136.20 |
| 23 51 13 16-0014 | EA | 22" Round Flue Shutter Draft Control Damper | 2,665.39 | 144.65 |
| 23 51 13 16-0015 | EA | 24" Round Flue Shutter Draft Control Damper | 2,888.55 | 153.61 |
| 23 51 13 16-0016 | EA | 26" Round Flue Shutter Draft Control Damper | 2,937.51 | 158.73 |
| 23 51 13 16-0017 | EA | 28" Round Flue Shutter Draft Control Damper | 3,030.02 | 163.85 |
| 23 51 13 16-0018 | EA | 30" Round Flue Shutter Draft Control Damper | 3,114.21 | 174.09 |
| 23 51 13 16-0019 | EA | 32" Round Flue Shutter Draft Control Damper | 3,250.03 | 179.09 |
| 23 51 13 16-0020 | EA | 34" Round Flue Shutter Draft Control Damper | 3,391.31 | 189.33 |
| 23 51 13 16-0021 | EA | 36" Round Flue Shutter Draft Control Damper | 3,553.72 | 204.81 |
| 23 51 13 16-0022 | EA | 38" Round Flue Shutter Draft Control Damper | 3,733.76 | 211.84 |
| 23 51 13 16-0023 | EA | 40" Round Flue Shutter Draft Control Damper | 3,900.04 | 215.05 |
| 23 51 13 16-0024 | EA | 42" Round Flue Shutter Draft Control Damper | 4,091.62 | 225.29 |
| 23 51 13 16-0025 | EA | 44" Round Flue Shutter Draft Control Damper | 4,284.30 | 235.53 |
| 23 51 13 16-0026 | EA | 46" Round Flue Shutter Draft Control Damper | 4,477.52 | 245.77 |
| 23 51 13 16-0027 | EA | 48" Round Flue Shutter Draft Control Damper | 4,669.93 | 256.01 |

## 23 51 13 19 Barometric Dampers *(23 51 13)*

### 23 51 13 19-0001 Barometric Dampers *(23 51 13 19)*

| | | | | |
|---|---|---|---|---|
| 23 51 13 19-0002 | EA | 6" x 6" Barometric Damper | 395.39 | 8.88 |
| 23 51 13 19-0003 | EA | 12" x 12" Barometric Damper | 571.91 | 12.20 |
| 23 51 13 19-0004 | EA | 18" x 18" Barometric Damper | 766.79 | 18.86 |
| 23 51 13 19-0005 | EA | 24" x 24" Barometric Damper | 919.14 | 35.51 |
| 23 51 13 19-0006 | EA | 6" Diameter Barometric Damper | 194.64 | 8.88 |
| | | *For Stainless Steel, Add* | *208.27* | |
| 23 51 13 19-0007 | EA | 7" Diameter Barometric Damper | 230.27 | 9.98 |
| | | *For Stainless Steel, Add* | *247.43* | |
| 23 51 13 19-0008 | EA | 8" Diameter Barometric Damper | 267.17 | 11.09 |
| | | *For Stainless Steel, Add* | *286.95* | |
| 23 51 13 19-0009 | EA | 9" Diameter Barometric Damper | 328.42 | 11.09 |
| | | *For Stainless Steel, Add* | *363.49* | |
| 23 51 13 19-0010 | EA | 10" Diameter Barometric Damper | 432.14 | 13.31 |
| | | *For Stainless Steel, Add* | *495.22* | |
| 23 51 13 19-0011 | EA | 12" Diameter Barometric Damper | 548.36 | 14.43 |
| | | *For Stainless Steel, Add* | *638.69* | |
| 23 51 13 19-0012 | EA | 14" Diameter Barometric Damper | 689.00 | 15.54 |
| | | *For Stainless Steel, Add* | *814.57* | |
| 23 51 13 19-0013 | EA | 15" Diameter Barometric Damper | 821.98 | 16.64 |
| | | *For Stainless Steel, Add* | *979.06* | |
| 23 51 13 19-0014 | EA | 16" Diameter Barometric Damper | 953.32 | 18.86 |
| | | *For Stainless Steel, Add* | *1,143.17* | |
| 23 51 13 19-0015 | EA | 18" Diameter Barometric Damper | 1,254.74 | 19.97 |
| | | *For Stainless Steel, Add* | *1,527.32* | |
| 23 51 13 19-0016 | EA | 20" Diameter Barometric Damper | 1,493.10 | 22.19 |
| | | *For Stainless Steel, Add* | *1,828.15* | |
| 23 51 13 19-0017 | EA | 24" Diameter Barometric Damper | 1,799.66 | 22.19 |
| | | *For Stainless Steel, Add* | *2,221.56* | |
| 23 51 13 19-0018 | EA | 30" Diameter Barometric Damper | 2,218.16 | 25.52 |
| | | *For Stainless Steel, Add* | *2,753.80* | |
| 23 51 13 19-0019 | EA | 36" Diameter Barometric Damper | 2,828.64 | 26.63 |
| | | *For Stainless Steel, Add* | *3,540.60* | |

## 23 51 16 Fabricated Breechings and Accessories *(23 51)*

### 23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

### 23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0003 | LF | 3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness | 28.49 | 9.11 |
| | | *For Aluminum Liner, Add* | *0.32* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.43* | |
| | | *For 2" Wall Instead Of 1", Add* | *4.00* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *7.14* | |
| 23 51 16 00-0004 | LF | 4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness | 30.55 | 9.63 |
| | | *For Aluminum Liner, Add* | *0.39* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.53* | |
| | | *For 2" Wall Instead Of 1", Add* | *4.47* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *7.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0005 | LF | 5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness | 33.71 | 10.24 |
| | | *For Aluminum Liner, Add* | *0.46* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.63* | |
| | | *For 2" Wall Instead Of 1", Add* | *5.05* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *8.83* | |
| 23 51 16 00-0006 | LF | 6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness | 36.72 | 10.96 |
| | | *For Aluminum Liner, Add* | *0.53* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.73* | |
| | | *For 2" Wall Instead Of 1", Add* | *5.62* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *9.77* | |
| 23 51 16 00-0007 | LF | 7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness | 42.95 | 11.67 |
| | | *For Aluminum Liner, Add* | *0.79* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.07* | |
| | | *For 2" Wall Instead Of 1", Add* | *7.16* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *12.17* | |
| 23 51 16 00-0008 | LF | 8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness | 47.73 | 12.60 |
| | | *For Aluminum Liner, Add* | *0.88* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.20* | |
| | | *For 2" Wall Instead Of 1", Add* | *7.96* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *13.53* | |
| 23 51 16 00-0009 | LF | 10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness | 68.05 | 13.52 |
| | | *For Aluminum Liner, Add* | *1.85* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.53* | |
| | | *For 2" Wall Instead Of 1", Add* | *13.54* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *22.03* | |
| 23 51 16 00-0010 | LF | 12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness | 82.45 | 14.95 |
| | | *For Aluminum Liner, Add* | *2.48* | |
| | | *For 304 Stainless Steel Liner, Add* | *3.39* | |
| | | *For 2" Wall Instead Of 1", Add* | *17.28* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *27.79* | |
| 23 51 16 00-0011 | LF | 14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness | 114.89 | 15.56 |
| | | *For Aluminum Liner, Add* | *4.17* | |
| | | *For 304 Stainless Steel Liner, Add* | *5.69* | |
| | | *For 2" Wall Instead Of 1", Add* | *26.66* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *41.95* | |
| 23 51 16 00-0012 | LF | 16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness | 143.08 | 16.39 |
| | | *For Aluminum Liner, Add* | *5.63* | |
| | | *For 304 Stainless Steel Liner, Add* | *7.67* | |
| | | *For 2" Wall Instead Of 1", Add* | *34.77* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *54.19* | |
| 23 51 16 00-0013 | LF | 18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness | 175.60 | 17.21 |
| | | *For Aluminum Liner, Add* | *7.27* | |
| | | *For 304 Stainless Steel Liner, Add* | *9.91* | |
| | | *For 2" Wall Instead Of 1", Add* | *43.99* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *68.16* | |
| 23 51 16 00-0014 | LF | 20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness | 224.32 | 27.34 |
| | | *For Aluminum Liner, Add* | *8.63* | |
| | | *For 304 Stainless Steel Liner, Add* | *11.76* | |
| | | *For 2" Wall Instead Of 1", Add* | *53.80* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *84.08* | |
| 23 51 16 00-0015 | LF | 22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness | 270.65 | 28.88 |
| | | *For Aluminum Liner, Add* | *10.88* | |
| | | *For 304 Stainless Steel Liner, Add* | *14.83* | |
| | | *For 2" Wall Instead Of 1", Add* | *66.62* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *103.58* | |
| 23 51 16 00-0016 | LF | 24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness | 321.24 | 30.72 |
| | | *For Aluminum Liner, Add* | *13.41* | |
| | | *For 304 Stainless Steel Liner, Add* | *18.29* | |
| | | *For 2" Wall Instead Of 1", Add* | *80.89* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *125.20* | |
| 23 51 16 00-0017 | LF | 26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness | 372.52 | 31.75 |
| | | *For Aluminum Liner, Add* | *16.13* | |
| | | *For 304 Stainless Steel Liner, Add* | *21.99* | |
| | | *For 2" Wall Instead Of 1", Add* | *95.90* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *147.82* | |
| 23 51 16 00-0018 | LF | 28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness | 390.50 | 32.77 |
| | | *For Aluminum Liner, Add* | *16.97* | |
| | | *For 304 Stainless Steel Liner, Add* | *23.15* | |
| | | *For 2" Wall Instead Of 1", Add* | *100.77* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *155.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0019 | LF | 30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe<br>Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness | 415.04 | 35.13 |
| | | *For Aluminum Liner, Add* | *18.00* | |
| | | *For 304 Stainless Steel Liner, Add* | *24.55* | |
| | | *For 2" Wall Instead Of 1", Add* | *106.98* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *164.85* | |
| 23 51 16 00-0020 | LF | 32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 469.45 | 36.46 |
| | | *For Aluminum Liner, Add* | *20.82* | |
| | | *For 304 Stainless Steel Liner, Add* | *28.39* | |
| | | *For 2" Wall Instead Of 1", Add* | *122.65* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *188.52* | |
| 23 51 16 00-0021 | LF | 34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 525.80 | 37.79 |
| | | *For Aluminum Liner, Add* | *23.73* | |
| | | *For 304 Stainless Steel Liner, Add* | *32.35* | |
| | | *For 2" Wall Instead Of 1", Add* | *138.85* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *213.00* | |
| 23 51 16 00-0022 | LF | 36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 553.44 | 39.32 |
| | | *For Aluminum Liner, Add* | *25.04* | |
| | | *For 304 Stainless Steel Liner, Add* | *34.14* | |
| | | *For 2" Wall Instead Of 1", Add* | *146.39* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *224.50* | |
| 23 51 16 00-0023 | LF | 38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 600.14 | 40.96 |
| | | *For Aluminum Liner, Add* | *27.38* | |
| | | *For 304 Stainless Steel Liner, Add* | *37.34* | |
| | | *For 2" Wall Instead Of 1", Add* | *159.59* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *244.49* | |
| 23 51 16 00-0024 | LF | 40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 660.94 | 42.71 |
| | | *For Aluminum Liner, Add* | *30.48* | |
| | | *For 304 Stainless Steel Liner, Add* | *41.56* | |
| | | *For 2" Wall Instead Of 1", Add* | *176.92* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *270.72* | |
| 23 51 16 00-0025 | LF | 42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 691.45 | 44.65 |
| | | *For Aluminum Liner, Add* | *31.88* | |
| | | *For 304 Stainless Steel Liner, Add* | *43.48* | |
| | | *For 2" Wall Instead Of 1", Add* | *185.09* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *283.22* | |
| 23 51 16 00-0026 | LF | 44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 764.97 | 46.80 |
| | | *For Aluminum Liner, Add* | *35.64* | |
| | | *For 304 Stainless Steel Liner, Add* | *48.59* | |
| | | *For 2" Wall Instead Of 1", Add* | *206.08* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *314.97* | |
| 23 51 16 00-0027 | LF | 46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 830.48 | 49.16 |
| | | *For Aluminum Liner, Add* | *38.92* | |
| | | *For 304 Stainless Steel Liner, Add* | *53.07* | |
| | | *For 2" Wall Instead Of 1", Add* | *224.56* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *342.99* | |
| 23 51 16 00-0028 | LF | 48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 913.41 | 51.72 |
| | | *For Aluminum Liner, Add* | *43.14* | |
| | | *For 304 Stainless Steel Liner, Add* | *58.82* | |
| | | *For 2" Wall Instead Of 1", Add* | *248.20* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *378.76* | |

## 23 51 16 00-0029 90 Degree Elbows *(23 51 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0030 | EA | 3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 71.56 | 18.22 |
| | | *For Aluminum Liner, Add* | *1.45* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.98* | |
| | | *For 2" Wall Instead Of 1", Add* | *12.44* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *20.91* | |
| 23 51 16 00-0031 | EA | 4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 79.20 | 19.25 |
| | | *For Aluminum Liner, Add* | *1.71* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.34* | |
| | | *For 2" Wall Instead Of 1", Add* | *14.16* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *23.64* | |
| 23 51 16 00-0032 | EA | 5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 88.20 | 20.48 |
| | | *For Aluminum Liner, Add* | *2.05* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.79* | |
| | | *For 2" Wall Instead Of 1", Add* | *16.27* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *26.95* | |
| 23 51 16 00-0033 | EA | 6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 97.43 | 21.81 |
| | | *For Aluminum Liner, Add* | *2.38* | |
| | | *For 304 Stainless Steel Liner, Add* | *3.24* | |
| | | *For 2" Wall Instead Of 1", Add* | *18.40* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *30.30* | |
| 23 51 16 00-0034 | EA | 7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 115.90 | 23.34 |
| | | *For Aluminum Liner, Add* | *3.18* | |
| | | *For 304 Stainless Steel Liner, Add* | *4.34* | |
| | | *For 2" Wall Instead Of 1", Add* | *23.16* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *37.65* | |
| 23 51 16 00-0035 | EA | 8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 135.43 | 25.19 |
| | | *For Aluminum Liner, Add* | *3.99* | |
| | | *For 304 Stainless Steel Liner, Add* | *5.43* | |
| | | *For 2" Wall Instead Of 1", Add* | *28.04* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *45.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0036 | EA | 10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 235.13 | 27.34 |
| | | *For Aluminum Liner, Add* | *9.17* | |
| | | *For 304 Stainless Steel Liner, Add* | *12.50* | |
| | | *For 2" Wall Instead Of 1", Add* | *56.85* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *88.69* | |
| 23 51 16 00-0037 | EA | 12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 284.58 | 29.80 |
| | | *For Aluminum Liner, Add* | *11.56* | |
| | | *For 304 Stainless Steel Liner, Add* | *15.76* | |
| | | *For 2" Wall Instead Of 1", Add* | *70.49* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *109.45* | |
| 23 51 16 00-0038 | EA | 14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 368.61 | 31.24 |
| | | *For Aluminum Liner, Add* | *15.98* | |
| | | *For 304 Stainless Steel Liner, Add* | *21.79* | |
| | | *For 2" Wall Instead Of 1", Add* | *94.98* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *146.37* | |
| 23 51 16 00-0039 | EA | 16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 452.77 | 32.77 |
| | | *For Aluminum Liner, Add* | *20.41* | |
| | | *For 304 Stainless Steel Liner, Add* | *27.83* | |
| | | *For 2" Wall Instead Of 1", Add* | *119.48* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *183.31* | |
| 23 51 16 00-0040 | EA | 18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 584.87 | 34.51 |
| | | *For Aluminum Liner, Add* | *27.42* | |
| | | *For 304 Stainless Steel Liner, Add* | *37.39* | |
| | | *For 2" Wall Instead Of 1", Add* | *158.20* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *241.61* | |
| 23 51 16 00-0041 | EA | 20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 825.01 | 54.58 |
| | | *For Aluminum Liner, Add* | *37.86* | |
| | | *For 304 Stainless Steel Liner, Add* | *51.63* | |
| | | *For 2" Wall Instead Of 1", Add* | *220.18* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *337.10* | |
| 23 51 16 00-0042 | EA | 22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 1,086.66 | 57.85 |
| | | *For Aluminum Liner, Add* | *51.81* | |
| | | *For 304 Stainless Steel Liner, Add* | *70.65* | |
| | | *For 2" Wall Instead Of 1", Add* | *297.07* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *452.84* | |
| 23 51 16 00-0043 | EA | 24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 1,226.21 | 61.44 |
| | | *For Aluminum Liner, Add* | *58.98* | |
| | | *For 304 Stainless Steel Liner, Add* | *80.43* | |
| | | *For 2" Wall Instead Of 1", Add* | *337.11* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *513.35* | |

### 23 51 16 00-0044 45 Degree Elbows *(23 51 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0045 | EA | 3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 60.69 | 18.22 |
| | | *For Aluminum Liner, Add* | *0.84* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.14* | |
| | | *For 2" Wall Instead Of 1", Add* | *9.11* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *15.94* | |
| 23 51 16 00-0046 | EA | 4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 66.16 | 19.25 |
| | | *For Aluminum Liner, Add* | *0.99* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.34* | |
| | | *For 2" Wall Instead Of 1", Add* | *10.20* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *17.71* | |
| 23 51 16 00-0047 | EA | 5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 72.31 | 20.48 |
| | | *For Aluminum Liner, Add* | *1.16* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.58* | |
| | | *For 2" Wall Instead Of 1", Add* | *11.45* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *19.74* | |
| 23 51 16 00-0048 | EA | 6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 79.87 | 21.81 |
| | | *For Aluminum Liner, Add* | *1.39* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.90* | |
| | | *For 2" Wall Instead Of 1", Add* | *13.04* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *22.29* | |
| 23 51 16 00-0049 | EA | 7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 94.72 | 23.34 |
| | | *For Aluminum Liner, Add* | *1.99* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.72* | |
| | | *For 2" Wall Instead Of 1", Add* | *16.72* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *28.00* | |
| 23 51 16 00-0050 | EA | 8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 104.64 | 25.19 |
| | | *For Aluminum Liner, Add* | *2.29* | |
| | | *For 304 Stainless Steel Liner, Add* | *3.13* | |
| | | *For 2" Wall Instead Of 1", Add* | *18.80* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *31.35* | |
| 23 51 16 00-0051 | EA | 10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 172.46 | 27.34 |
| | | *For Aluminum Liner, Add* | *5.73* | |
| | | *For 304 Stainless Steel Liner, Add* | *7.81* | |
| | | *For 2" Wall Instead Of 1", Add* | *38.08* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *60.53* | |
| 23 51 16 00-0052 | EA | 12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 205.80 | 29.80 |
| | | *For Aluminum Liner, Add* | *7.22* | |
| | | *For 304 Stainless Steel Liner, Add* | *9.85* | |
| | | *For 2" Wall Instead Of 1", Add* | *46.85* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *74.00* | |
| 23 51 16 00-0053 | EA | 14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 262.83 | 31.24 |
| | | *For Aluminum Liner, Add* | *10.16* | |
| | | *For 304 Stainless Steel Liner, Add* | *13.86* | |
| | | *For 2" Wall Instead Of 1", Add* | *63.24* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *98.76* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0054 | EA | 16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 313.77 | 32.77 |
| | | *For Aluminum Liner, Add* | *12.75* | |
| | | *For 304 Stainless Steel Liner, Add* | *17.39* | |
| | | *For 2" Wall Instead Of 1", Add* | *77.75* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *120.72* | |
| 23 51 16 00-0055 | EA | 18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 397.82 | 34.51 |
| | | *For Aluminum Liner, Add* | *17.14* | |
| | | *For 304 Stainless Steel Liner, Add* | *23.37* | |
| | | *For 2" Wall Instead Of 1", Add* | *102.10* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *157.46* | |
| 23 51 16 00-0056 | EA | 20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 487.63 | 54.48 |
| | | *For Aluminum Liner, Add* | *19.33* | |
| | | *For 304 Stainless Steel Liner, Add* | *26.36* | |
| | | *For 2" Wall Instead Of 1", Add* | *119.05* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *185.39* | |
| 23 51 16 00-0057 | EA | 22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 673.62 | 57.85 |
| | | *For Aluminum Liner, Add* | *29.09* | |
| | | *For 304 Stainless Steel Liner, Add* | *39.67* | |
| | | *For 2" Wall Instead Of 1", Add* | *173.16* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *266.97* | |
| 23 51 16 00-0058 | EA | 24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 823.78 | 61.44 |
| | | *For Aluminum Liner, Add* | *36.87* | |
| | | *For 304 Stainless Steel Liner, Add* | *50.27* | |
| | | *For 2" Wall Instead Of 1", Add* | *216.43* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *332.33* | |
| 23 51 16 00-0059 | EA | 26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 1,481.08 | 63.49 |
| | | *For Aluminum Liner, Add* | *72.73* | |
| | | *For 304 Stainless Steel Liner, Add* | *99.18* | |
| | | *For 2" Wall Instead Of 1", Add* | *412.60* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *626.83* | |
| 23 51 16 00-0060 | EA | 28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 1,522.43 | 65.53 |
| | | *For Aluminum Liner, Add* | *74.73* | |
| | | *For 304 Stainless Steel Liner, Add* | *101.90* | |
| | | *For 2" Wall Instead Of 1", Add* | *423.98* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *644.16* | |
| 23 51 16 00-0061 | EA | 30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 1,605.13 | 69.64 |
| | | *For Aluminum Liner, Add* | *78.71* | |
| | | *For 304 Stainless Steel Liner, Add* | *107.34* | |
| | | *For 2" Wall Instead Of 1", Add* | *446.74* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *678.81* | |
| 23 51 16 00-0062 | EA | 32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 1,791.39 | 71.68 |
| | | *For Aluminum Liner, Add* | *88.68* | |
| | | *For 304 Stainless Steel Liner, Add* | *120.92* | |
| | | *For 2" Wall Instead Of 1", Add* | *501.60* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *761.35* | |
| 23 51 16 00-0063 | EA | 34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 1,955.62 | 75.77 |
| | | *For Aluminum Liner, Add* | *97.15* | |
| | | *For 304 Stainless Steel Liner, Add* | *132.47* | |
| | | *For 2" Wall Instead Of 1", Add* | *548.82* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *832.70* | |
| 23 51 16 00-0064 | EA | 36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 2,016.26 | 81.92 |
| | | *For Aluminum Liner, Add* | *99.64* | |
| | | *For 304 Stainless Steel Liner, Add* | *135.87* | |
| | | *For 2" Wall Instead Of 1", Add* | *563.94* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *856.15* | |
| 23 51 16 00-0065 | EA | 38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 2,159.29 | 84.79 |
| | | *For Aluminum Liner, Add* | *107.11* | |
| | | *For 304 Stainless Steel Liner, Add* | *146.06* | |
| | | *For 2" Wall Instead Of 1", Add* | *605.42* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *918.72* | |
| 23 51 16 00-0066 | EA | 40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 2,298.23 | 86.02 |
| | | *For Aluminum Liner, Add* | *114.58* | |
| | | *For 304 Stainless Steel Liner, Add* | *156.25* | |
| | | *For 2" Wall Instead Of 1", Add* | *646.49* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *980.47* | |
| 23 51 16 00-0067 | EA | 42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 2,399.03 | 90.12 |
| | | *For Aluminum Liner, Add* | *119.56* | |
| | | *For 304 Stainless Steel Liner, Add* | *163.04* | |
| | | *For 2" Wall Instead Of 1", Add* | *674.68* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,023.28* | |
| 23 51 16 00-0068 | EA | 44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 2,545.13 | 94.21 |
| | | *For Aluminum Liner, Add* | *127.04* | |
| | | *For 304 Stainless Steel Liner, Add* | *173.23* | |
| | | *For 2" Wall Instead Of 1", Add* | *716.47* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,086.47* | |
| 23 51 16 00-0069 | EA | 46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 2,736.52 | 98.31 |
| | | *For Aluminum Liner, Add* | *137.00* | |
| | | *For 304 Stainless Steel Liner, Add* | *186.82* | |
| | | *For 2" Wall Instead Of 1", Add* | *771.84* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,170.03* | |
| 23 51 16 00-0070 | EA | 48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe | 2,837.33 | 102.40 |
| | | *For Aluminum Liner, Add* | *141.98* | |
| | | *For 304 Stainless Steel Liner, Add* | *193.61* | |
| | | *For 2" Wall Instead Of 1", Add* | *800.03* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,212.84* | |

23 51 16 00-0071 Tees *(23 51 16 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0072 | EA | 3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 97.91 | 24.27 |
| | | *For Aluminum Liner, Add* | *2.04* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.79* | |
| | | *For 2" Wall Instead Of 1", Add* | *17.22* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *28.87* | |
| 23 51 16 00-0073 | EA | 4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 101.92 | 25.19 |
| | | *For Aluminum Liner, Add* | *2.14* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.92* | |
| | | *For 2" Wall Instead Of 1", Add* | *17.98* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *30.12* | |
| 23 51 16 00-0074 | EA | 5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 106.30 | 26.22 |
| | | *For Aluminum Liner, Add* | *2.24* | |
| | | *For 304 Stainless Steel Liner, Add* | *3.06* | |
| | | *For 2" Wall Instead Of 1", Add* | *18.78* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *31.45* | |
| 23 51 16 00-0075 | EA | 6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 113.60 | 27.34 |
| | | *For Aluminum Liner, Add* | *2.49* | |
| | | *For 304 Stainless Steel Liner, Add* | *3.40* | |
| | | *For 2" Wall Instead Of 1", Add* | *20.42* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *34.04* | |
| 23 51 16 00-0076 | EA | 7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 133.77 | 28.46 |
| | | *For Aluminum Liner, Add* | *3.44* | |
| | | *For 304 Stainless Steel Liner, Add* | *4.69* | |
| | | *For 2" Wall Instead Of 1", Add* | *25.88* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *42.38* | |
| 23 51 16 00-0077 | EA | 8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 143.28 | 29.80 |
| | | *For Aluminum Liner, Add* | *3.79* | |
| | | *For 304 Stainless Steel Liner, Add* | *5.16* | |
| | | *For 2" Wall Instead Of 1", Add* | *28.10* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *45.87* | |
| 23 51 16 00-0078 | EA | 10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 264.62 | 31.24 |
| | | *For Aluminum Liner, Add* | *10.26* | |
| | | *For 304 Stainless Steel Liner, Add* | *13.99* | |
| | | *For 2" Wall Instead Of 1", Add* | *63.78* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *99.57* | |
| 23 51 16 00-0079 | EA | 12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 306.53 | 32.77 |
| | | *For Aluminum Liner, Add* | *12.36* | |
| | | *For 304 Stainless Steel Liner, Add* | *16.85* | |
| | | *For 2" Wall Instead Of 1", Add* | *75.58* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *117.47* | |
| 23 51 16 00-0080 | EA | 14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 456.94 | 36.46 |
| | | *For Aluminum Liner, Add* | *20.13* | |
| | | *For 304 Stainless Steel Liner, Add* | *27.45* | |
| | | *For 2" Wall Instead Of 1", Add* | *118.88* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *182.87* | |
| 23 51 16 00-0081 | EA | 16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 620.47 | 40.96 |
| | | *For Aluminum Liner, Add* | *28.50* | |
| | | *For 304 Stainless Steel Liner, Add* | *38.86* | |
| | | *For 2" Wall Instead Of 1", Add* | *165.67* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *253.62* | |
| 23 51 16 00-0082 | EA | 18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 769.18 | 46.80 |
| | | *For Aluminum Liner, Add* | *35.87* | |
| | | *For 304 Stainless Steel Liner, Add* | *48.91* | |
| | | *For 2" Wall Instead Of 1", Add* | *207.35* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *316.88* | |
| 23 51 16 00-0083 | EA | 20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 1,023.09 | 57.85 |
| | | *For Aluminum Liner, Add* | *48.32* | |
| | | *For 304 Stainless Steel Liner, Add* | *65.90* | |
| | | *For 2" Wall Instead Of 1", Add* | *278.03* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *424.27* | |
| 23 51 16 00-0084 | EA | 22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 1,284.93 | 75.57 |
| | | *For Aluminum Liner, Add* | *60.28* | |
| | | *For 304 Stainless Steel Liner, Add* | *82.20* | |
| | | *For 2" Wall Instead Of 1", Add* | *347.69* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *530.99* | |
| 23 51 16 00-0085 | EA | 24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 1,476.86 | 79.88 |
| | | *For Aluminum Liner, Add* | *70.24* | |
| | | *For 304 Stainless Steel Liner, Add* | *95.79* | |
| | | *For 2" Wall Instead Of 1", Add* | *403.12* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *614.66* | |
| 23 51 16 00-0086 | EA | 26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 2,026.71 | 86.02 |
| | | *For Aluminum Liner, Add* | *99.64* | |
| | | *For 304 Stainless Steel Liner, Add* | *135.87* | |
| | | *For 2" Wall Instead Of 1", Add* | *564.99* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *858.24* | |
| 23 51 16 00-0087 | EA | 28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 2,261.41 | 89.40 |
| | | *For Aluminum Liner, Add* | *112.09* | |
| | | *For 304 Stainless Steel Liner, Add* | *152.85* | |
| | | *For 2" Wall Instead Of 1", Add* | *633.75* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *961.79* | |
| 23 51 16 00-0088 | EA | 30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 2,454.70 | 94.21 |
| | | *For Aluminum Liner, Add* | *122.05* | |
| | | *For 304 Stainless Steel Liner, Add* | *166.44* | |
| | | *For 2" Wall Instead Of 1", Add* | *689.31* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,045.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0089 | EA | 32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 2,827.19 | 98.31 |
| | | *For Aluminum Liner, Add* | *141.98* | |
| | | *For 304 Stainless Steel Liner, Add* | *193.61* | |
| | | *For 2" Wall Instead Of 1", Add* | *799.02* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,210.81* | |
| 23 51 16 00-0090 | EA | 34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 2,882.80 | 102.40 |
| | | *For Aluminum Liner, Add* | *144.47* | |
| | | *For 304 Stainless Steel Liner, Add* | *197.01* | |
| | | *For 2" Wall Instead Of 1", Add* | *813.64* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,233.26* | |
| 23 51 16 00-0091 | EA | 36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 3,352.90 | 109.27 |
| | | *For Aluminum Liner, Add* | *169.38* | |
| | | *For 304 Stainless Steel Liner, Add* | *230.98* | |
| | | *For 2" Wall Instead Of 1", Add* | *951.23* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,440.50* | |
| 23 51 16 00-0092 | EA | 38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 3,432.30 | 122.88 |
| | | *For Aluminum Liner, Add* | *171.87* | |
| | | *For 304 Stainless Steel Liner, Add* | *234.37* | |
| | | *For 2" Wall Instead Of 1", Add* | *968.22* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,467.70* | |
| 23 51 16 00-0093 | EA | 40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 3,747.89 | 140.49 |
| | | *For Aluminum Liner, Add* | *186.82* | |
| | | *For 304 Stainless Steel Liner, Add* | *254.75* | |
| | | *For 2" Wall Instead Of 1", Add* | *1,054.13* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,598.76* | |
| 23 51 16 00-0094 | EA | 42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 4,123.35 | 163.85 |
| | | *For Aluminum Liner, Add* | *204.26* | |
| | | *For 304 Stainless Steel Liner, Add* | *278.53* | |
| | | *For 2" Wall Instead Of 1", Add* | *1,155.08* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,753.10* | |
| 23 51 16 00-0095 | EA | 44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 4,491.20 | 184.33 |
| | | *For Aluminum Liner, Add* | *221.69* | |
| | | *For 304 Stainless Steel Liner, Add* | *302.31* | |
| | | *For 2" Wall Instead Of 1", Add* | *1,255.27* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,905.93* | |
| 23 51 16 00-0096 | EA | 46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 4,914.22 | 190.48 |
| | | *For Aluminum Liner, Add* | *244.11* | |
| | | *For 304 Stainless Steel Liner, Add* | *332.88* | |
| | | *For 2" Wall Instead Of 1", Add* | *1,379.09* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *2,092.43* | |
| 23 51 16 00-0097 | EA | 48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe | 5,201.48 | 196.61 |
| | | *For Aluminum Liner, Add* | *259.06* | |
| | | *For 304 Stainless Steel Liner, Add* | *353.26* | |
| | | *For 2" Wall Instead Of 1", Add* | *1,462.17* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *2,217.82* | |

### 23 51 16 00-0098 Vent Top Caps *(23 51 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0099 | EA | 3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 49.66 | 14.23 |
| | | *For Aluminum Liner, Add* | *0.77* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.05* | |
| | | *For 2" Wall Instead Of 1", Add* | *7.77* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *13.44* | |
| 23 51 16 00-0100 | EA | 4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 52.03 | 14.95 |
| | | *For Aluminum Liner, Add* | *0.81* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.11* | |
| | | *For 2" Wall Instead Of 1", Add* | *8.16* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *14.10* | |
| 23 51 16 00-0101 | EA | 6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 66.59 | 16.39 |
| | | *For Aluminum Liner, Add* | *1.41* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.92* | |
| | | *For 2" Wall Instead Of 1", Add* | *11.79* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *19.73* | |
| 23 51 16 00-0102 | EA | 8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 71.10 | 18.22 |
| | | *For Aluminum Liner, Add* | *1.41* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.92* | |
| | | *For 2" Wall Instead Of 1", Add* | *12.24* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *20.63* | |
| 23 51 16 00-0103 | EA | 10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 85.90 | 19.25 |
| | | *For Aluminum Liner, Add* | *2.08* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.83* | |
| | | *For 2" Wall Instead Of 1", Add* | *16.14* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *26.62* | |
| 23 51 16 00-0104 | EA | 12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 101.02 | 20.48 |
| | | *For Aluminum Liner, Add* | *2.74* | |
| | | *For 304 Stainless Steel Liner, Add* | *3.74* | |
| | | *For 2" Wall Instead Of 1", Add* | *20.07* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *32.66* | |
| 23 51 16 00-0105 | EA | 16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 233.30 | 23.34 |
| | | *For Aluminum Liner, Add* | *9.62* | |
| | | *For 304 Stainless Steel Liner, Add* | *13.11* | |
| | | *For 2" Wall Instead Of 1", Add* | *58.29* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *90.37* | |
| 23 51 16 00-0106 | EA | 18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 431.81 | 29.29 |
| | | *For Aluminum Liner, Add* | *19.73* | |
| | | *For 304 Stainless Steel Liner, Add* | *26.90* | |
| | | *For 2" Wall Instead Of 1", Add* | *114.92* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *176.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0107 | EA | 20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 794.29 | 35.13 |
| | | *For Aluminum Liner, Add* | *38.86* | |
| | | *For 304 Stainless Steel Liner, Add* | *52.99* | |
| | | *For 2" Wall Instead Of 1", Add* | *220.73* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *335.49* | |
| 23 51 16 00-0108 | EA | 24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 1,318.54 | 49.16 |
| | | *For Aluminum Liner, Add* | *65.76* | |
| | | *For 304 Stainless Steel Liner, Add* | *89.67* | |
| | | *For 2" Wall Instead Of 1", Add* | *370.98* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *562.62* | |
| 23 51 16 00-0109 | EA | 26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 1,940.87 | 51.72 |
| | | *For Aluminum Liner, Add* | *99.64* | |
| | | *For 304 Stainless Steel Liner, Add* | *135.87* | |
| | | *For 2" Wall Instead Of 1", Add* | *556.40* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *841.07* | |
| 23 51 16 00-0110 | EA | 28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 2,174.56 | 54.58 |
| | | *For Aluminum Liner, Add* | *112.09* | |
| | | *For 304 Stainless Steel Liner, Add* | *152.85* | |
| | | *For 2" Wall Instead Of 1", Add* | *625.06* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *944.42* | |
| 23 51 16 00-0111 | EA | 30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 2,454.40 | 57.85 |
| | | *For Aluminum Liner, Add* | *127.04* | |
| | | *For 304 Stainless Steel Liner, Add* | *173.23* | |
| | | *For 2" Wall Instead Of 1", Add* | *707.39* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,068.32* | |
| 23 51 16 00-0112 | EA | 32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 2,599.30 | 61.44 |
| | | *For Aluminum Liner, Add* | *134.51* | |
| | | *For 304 Stainless Steel Liner, Add* | *183.42* | |
| | | *For 2" Wall Instead Of 1", Add* | *749.06* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,131.27* | |
| 23 51 16 00-0113 | EA | 34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 2,745.40 | 65.53 |
| | | *For Aluminum Liner, Add* | *141.98* | |
| | | *For 304 Stainless Steel Liner, Add* | *193.61* | |
| | | *For 2" Wall Instead Of 1", Add* | *790.84* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,194.46* | |
| 23 51 16 00-0114 | EA | 36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe | 2,938.13 | 70.25 |
| | | *For Aluminum Liner, Add* | *151.95* | |
| | | *For 304 Stainless Steel Liner, Add* | *207.20* | |
| | | *For 2" Wall Instead Of 1", Add* | *846.35* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *1,278.29* | |

### 23 51 16 00-0115 Wall Thimbles *(23 51 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0116 | EA | 3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 20.75 | 7.68 |
| | | *For Aluminum Liner, Add* | *0.09* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.12* | |
| | | *For 2" Wall Instead Of 1", Add* | *2.40* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *4.55* | |
| 23 51 16 00-0117 | EA | 4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 26.32 | 9.83 |
| | | *For Aluminum Liner, Add* | *0.09* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.12* | |
| | | *For 2" Wall Instead Of 1", Add* | *2.96* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *5.68* | |
| 23 51 16 00-0118 | EA | 5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 35.06 | 13.21 |
| | | *For Aluminum Liner, Add* | *0.11* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.15* | |
| | | *For 2" Wall Instead Of 1", Add* | *3.91* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *7.52* | |
| 23 51 16 00-0119 | EA | 7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 43.85 | 16.39 |
| | | *For Aluminum Liner, Add* | *0.16* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.22* | |
| | | *For 2" Wall Instead Of 1", Add* | *4.96* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *9.49* | |
| 23 51 16 00-0120 | EA | 10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 62.71 | 22.12 |
| | | *For Aluminum Liner, Add* | *0.41* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.56* | |
| | | *For 2" Wall Instead Of 1", Add* | *7.76* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *14.40* | |
| 23 51 16 00-0121 | EA | 12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 79.12 | 27.45 |
| | | *For Aluminum Liner, Add* | *0.58* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.79* | |
| | | *For 2" Wall Instead Of 1", Add* | *10.01* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *18.45* | |
| 23 51 16 00-0122 | EA | 14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 99.73 | 32.77 |
| | | *For Aluminum Liner, Add* | *0.98* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.34* | |
| | | *For 2" Wall Instead Of 1", Add* | *13.54* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *24.40* | |
| 23 51 16 00-0123 | EA | 18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 129.16 | 38.92 |
| | | *For Aluminum Liner, Add* | *1.75* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.39* | |
| | | *For 2" Wall Instead Of 1", Add* | *19.29* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *33.80* | |
| 23 51 16 00-0124 | EA | 22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe | 171.61 | 43.01 |
| | | *For Aluminum Liner, Add* | *3.52* | |
| | | *For 304 Stainless Steel Liner, Add* | *4.81* | |
| | | *For 2" Wall Instead Of 1", Add* | *29.98* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *50.34* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0125 | | Adjustable Roof Flashing *(23 51 16 00-0001)* | | |
| 23 51 16 00-0126 | EA | 3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 55.90 | 18.22 |
| | | *For Aluminum Liner, Add* | *0.57* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.78* | |
| | | *For 2" Wall Instead Of 1", Add* | *7.67* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *13.79* | |
| 23 51 16 00-0127 | EA | 4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 61.63 | 19.25 |
| | | *For Aluminum Liner, Add* | *0.74* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.01* | |
| | | *For 2" Wall Instead Of 1", Add* | *8.85* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *15.68* | |
| 23 51 16 00-0128 | EA | 6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 77.04 | 21.81 |
| | | *For Aluminum Liner, Add* | *1.24* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.68* | |
| | | *For 2" Wall Instead Of 1", Add* | *12.20* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *21.02* | |
| 23 51 16 00-0129 | EA | 8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 93.68 | 25.19 |
| | | *For Aluminum Liner, Add* | *1.69* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.30* | |
| | | *For 2" Wall Instead Of 1", Add* | *15.51* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *26.41* | |
| 23 51 16 00-0130 | EA | 10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 152.55 | 27.34 |
| | | *For Aluminum Liner, Add* | *4.63* | |
| | | *For 304 Stainless Steel Liner, Add* | *6.32* | |
| | | *For 2" Wall Instead Of 1", Add* | *32.10* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *51.57* | |
| 23 51 16 00-0131 | EA | 12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 181.32 | 29.80 |
| | | *For Aluminum Liner, Add* | *5.88* | |
| | | *For 304 Stainless Steel Liner, Add* | *8.02* | |
| | | *For 2" Wall Instead Of 1", Add* | *39.51* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *62.98* | |
| 23 51 16 00-0132 | EA | 14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 213.26 | 32.77 |
| | | *For Aluminum Liner, Add* | *7.22* | |
| | | *For 304 Stainless Steel Liner, Add* | *9.85* | |
| | | *For 2" Wall Instead Of 1", Add* | *47.59* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *75.49* | |
| 23 51 16 00-0133 | EA | 16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 254.18 | 36.46 |
| | | *For Aluminum Liner, Add* | *8.97* | |
| | | *For 304 Stainless Steel Liner, Add* | *12.23* | |
| | | *For 2" Wall Instead Of 1", Add* | *58.03* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *91.60* | |
| 23 51 16 00-0134 | EA | 18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 383.23 | 40.96 |
| | | *For Aluminum Liner, Add* | *15.44* | |
| | | *For 304 Stainless Steel Liner, Add* | *21.06* | |
| | | *For 2" Wall Instead Of 1", Add* | *94.48* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *146.84* | |
| 23 51 16 00-0135 | EA | 20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 422.77 | 54.58 |
| | | *For Aluminum Liner, Add* | *15.74* | |
| | | *For 304 Stainless Steel Liner, Add* | *21.47* | |
| | | *For 2" Wall Instead Of 1", Add* | *99.52* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *156.11* | |
| 23 51 16 00-0136 | EA | 22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 537.91 | 70.25 |
| | | *For Aluminum Liner, Add* | *19.93* | |
| | | *For 304 Stainless Steel Liner, Add* | *27.17* | |
| | | *For 2" Wall Instead Of 1", Add* | *126.26* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *198.16* | |
| 23 51 16 00-0137 | EA | 24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe | 639.59 | 81.92 |
| | | *For Aluminum Liner, Add* | *23.91* | |
| | | *For 304 Stainless Steel Liner, Add* | *32.61* | |
| | | *For 2" Wall Instead Of 1", Add* | *150.92* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *236.61* | |
| 23 51 16 00-0138 | | Galvanized Storm Collars *(23 51 16 00-0001)* | | |
| 23 51 16 00-0139 | EA | 3" Round Galvanized Storm Collar, Double Wall | 22.15 | 7.68 |
| | | *For Aluminum Liner, Add* | *0.17* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.23* | |
| | | *For 2" Wall Instead Of 1", Add* | *2.82* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *5.18* | |
| 23 51 16 00-0140 | EA | 4" Round Galvanized Storm Collar, Double Wall | 28.03 | 9.83 |
| | | *For Aluminum Liner, Add* | *0.19* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.26* | |
| | | *For 2" Wall Instead Of 1", Add* | *3.49* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *6.47* | |
| 23 51 16 00-0141 | EA | 5" Round Galvanized Storm Collar, Double Wall | 32.97 | 11.47 |
| | | *For Aluminum Liner, Add* | *0.24* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.32* | |
| | | *For 2" Wall Instead Of 1", Add* | *4.16* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *7.67* | |
| 23 51 16 00-0142 | EA | 6" Round Galvanized Storm Collar, Double Wall | 37.92 | 13.10 |
| | | *For Aluminum Liner, Add* | *0.28* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.39* | |
| | | *For 2" Wall Instead Of 1", Add* | *4.82* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *8.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0143 | EA | 7" Or 8" Round Galvanized Storm Collar, Double Wall | 47.82 | 16.39 |
| | | *For Aluminum Liner, Add* | *0.38* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.51* | |
| | | *For 2" Wall Instead Of 1", Add* | *6.15* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *11.28* | |
| 23 51 16 00-0144 | EA | 10" Round Galvanized Storm Collar, Double Wall | 66.05 | 22.12 |
| | | *For Aluminum Liner, Add* | *0.59* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.81* | |
| | | *For 2" Wall Instead Of 1", Add* | *8.76* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *15.90* | |
| 23 51 16 00-0145 | EA | 12" Round Galvanized Storm Collar, Double Wall | 81.54 | 27.45 |
| | | *For Aluminum Liner, Add* | *0.71* | |
| | | *For 304 Stainless Steel Liner, Add* | *0.97* | |
| | | *For 2" Wall Instead Of 1", Add* | *10.74* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *19.54* | |
| 23 51 16 00-0146 | EA | 14" Or 16" Round Galvanized Storm Collar, Double Wall | 103.84 | 32.77 |
| | | *For Aluminum Liner, Add* | *1.21* | |
| | | *For 304 Stainless Steel Liner, Add* | *1.64* | |
| | | *For 2" Wall Instead Of 1", Add* | *14.77* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *26.25* | |
| 23 51 16 00-0147 | EA | 18" Or 20" Round Galvanized Storm Collar, Double Wall | 136.96 | 38.92 |
| | | *For Aluminum Liner, Add* | *2.18* | |
| | | *For 304 Stainless Steel Liner, Add* | *2.98* | |
| | | *For 2" Wall Instead Of 1", Add* | *21.63* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *37.31* | |
| 23 51 16 00-0148 | EA | 22" Or 24" Round Galvanized Storm Collar, Double Wall | 191.13 | 43.01 |
| | | *For Aluminum Liner, Add* | *4.60* | |
| | | *For 304 Stainless Steel Liner, Add* | *6.27* | |
| | | *For 2" Wall Instead Of 1", Add* | *35.84* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *59.13* | |

### 23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

### 23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0149)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0151 | LF | 4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 37.06 | 9.63 |
| | | *For 2" Wall Instead Of 1", Add* | *6.30* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *10.66* | |
| 23 51 16 00-0152 | LF | 5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 40.83 | 10.24 |
| | | *For 2" Wall Instead Of 1", Add* | *7.17* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *12.02* | |
| 23 51 16 00-0153 | LF | 6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe | 45.22 | 10.96 |
| | | *For 2" Wall Instead Of 1", Add* | *8.10* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *13.52* | |

### 23 51 16 00-0154 45 Degree Elbows *(23 51 16 00-0149)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0155 | EA | 4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe | 81.07 | 19.97 |
| | | *For 2" Wall Instead Of 1", Add* | *14.33* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *23.99* | |
| 23 51 16 00-0156 | EA | 5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe | 94.60 | 23.34 |
| | | *For 2" Wall Instead Of 1", Add* | *16.71* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *27.98* | |
| 23 51 16 00-0157 | EA | 6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe | 112.53 | 26.42 |
| | | *For 2" Wall Instead Of 1", Add* | *20.55* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *34.12* | |
| 23 51 16 00-0158 | EA | 4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe | 82.63 | 19.97 |
| | | *For 2" Wall Instead Of 1", Add* | *14.80* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *24.70* | |
| 23 51 16 00-0159 | EA | 5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe | 98.38 | 23.34 |
| | | *For 2" Wall Instead Of 1", Add* | *17.84* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *29.68* | |
| 23 51 16 00-0160 | EA | 6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe | 114.97 | 26.42 |
| | | *For 2" Wall Instead Of 1", Add* | *21.28* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *35.22* | |

### 23 51 16 00-0161 Tees *(23 51 16 00-0149)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0162 | EA | 4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe | 135.21 | 30.31 |
| | | *For 2" Wall Instead Of 1", Add* | *25.39* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *41.88* | |
| 23 51 16 00-0163 | EA | 4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe | 137.65 | 30.31 |
| | | *For 2" Wall Instead Of 1", Add* | *26.12* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *42.98* | |
| 23 51 16 00-0164 | EA | 5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe | 158.17 | 34.81 |
| | | *For 2" Wall Instead Of 1", Add* | *30.04* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *49.42* | |
| 23 51 16 00-0165 | EA | 6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe | 180.88 | 39.02 |
| | | *For 2" Wall Instead Of 1", Add* | *34.76* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *57.01* | |

### 23 51 16 00-0166 Tops/Caps And Adjustable Flashing *(23 51 16 00-0149)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0167 | EA | 4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe | 51.57 | 9.83 |
| | | *For 2" Wall Instead Of 1", Add* | *10.54* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *17.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0168 | EA | 6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe | 80.26 | 13.21 |
| | | *For 2" Wall Instead Of 1", Add* | *17.47* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *27.86* | |
| 23 51 16 00-0169 | EA | 4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe | 42.01 | 9.83 |
| | | *For 2" Wall Instead Of 1", Add* | *7.67* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *12.74* | |
| 23 51 16 00-0170 | EA | 6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe | 71.26 | 13.21 |
| | | *For 2" Wall Instead Of 1", Add* | *14.77* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *23.81* | |
| 23 51 16 00-0171 | | **Storm Collars** *(23 51 16 00-0149)* | | |
| 23 51 16 00-0172 | EA | 4" Oval Galvanized Storm Collar, Double Wall | 28.03 | 9.83 |
| | | *For 2" Wall Instead Of 1", Add* | *3.49* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *6.47* | |
| 23 51 16 00-0173 | EA | 5" Oval Galvanized Storm Collar, Double Wall | 32.97 | 11.47 |
| | | *For 2" Wall Instead Of 1", Add* | *4.16* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *7.67* | |
| 23 51 16 00-0174 | EA | 6" Oval Galvanized Storm Collar, Double Wall | 37.92 | 13.10 |
| | | *For 2" Wall Instead Of 1", Add* | *4.82* | |
| | | *For 3" To 4" Wall Instead Of 1", Add* | *8.87* | |
| 23 51 16 00-0175 | | **Round Double Wall Flue/Vent Pipe And Fittings** *(23 51 16)* | | |
| | | Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation. | | |
| 23 51 16 00-0176 | | **Round Double Wall Flue/Vent Pipe** *(23 51 16 00-0175)* | | |
| | | Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation. | | |
| 23 51 16 00-0177 | LF | 6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 104.07 | 10.96 |
| | | *For 316 Stainless Steel, Add* | *12.28* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *7.67* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *15.34* | |
| 23 51 16 00-0178 | LF | 8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 125.19 | 12.60 |
| | | *For 316 Stainless Steel, Add* | *14.98* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *9.36* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *18.73* | |
| 23 51 16 00-0179 | LF | 10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 139.01 | 13.62 |
| | | *For 316 Stainless Steel, Add* | *16.79* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *10.49* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *20.98* | |
| 23 51 16 00-0180 | LF | 12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 156.82 | 14.85 |
| | | *For 316 Stainless Steel, Add* | *19.13* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *11.96* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *23.92* | |
| 23 51 16 00-0181 | LF | 14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 176.66 | 15.56 |
| | | *For 316 Stainless Steel, Add* | *22.02* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *13.76* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *27.53* | |
| 23 51 16 00-0182 | LF | 16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 186.57 | 16.39 |
| | | *For 316 Stainless Steel, Add* | *23.29* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *14.55* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *29.11* | |
| 23 51 16 00-0183 | LF | 18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 206.76 | 17.31 |
| | | *For 316 Stainless Steel, Add* | *26.17* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *16.36* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *32.72* | |
| 23 51 16 00-0184 | LF | 20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 255.59 | 27.34 |
| | | *For 316 Stainless Steel, Add* | *29.96* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *18.73* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *37.46* | |
| 23 51 16 00-0185 | LF | 24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 318.26 | 30.72 |
| | | *For 316 Stainless Steel, Add* | *38.63* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *24.14* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *48.29* | |
| 23 51 16 00-0186 | LF | 28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 359.43 | 32.77 |
| | | *For 316 Stainless Steel, Add* | *44.41* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *27.75* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *55.51* | |
| 23 51 16 00-0187 | LF | 32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 402.32 | 36.36 |
| | | *For 316 Stainless Steel, Add* | *49.82* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *31.14* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *62.28* | |
| 23 51 16 00-0188 | LF | 36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 447.93 | 39.32 |
| | | *For 316 Stainless Steel, Add* | *55.96* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *34.98* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *69.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0189 | LF | 42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 511.36 | 44.75 |
| | | *For 316 Stainless Steel, Add* | *63.90* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *39.94* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *79.88* | |
| 23 51 16 00-0190 | LF | 48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 598.89 | 51.82 |
| | | *For 316 Stainless Steel, Add* | *75.09* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *46.93* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *93.87* | |
| 23 51 16 00-0191 | | 90 Degree Elbows *(23 51 16 00-0175)* | | |
| 23 51 16 00-0192 | EA | 6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 492.03 | 22.63 |
| | | *For 316 Stainless Steel, Add* | *87.10* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *43.55* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *87.10* | |
| 23 51 16 00-0193 | EA | 8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 543.59 | 25.19 |
| | | *For 316 Stainless Steel, Add* | *96.12* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *48.06* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *96.12* | |
| 23 51 16 00-0194 | EA | 10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 618.91 | 27.34 |
| | | *For 316 Stainless Steel, Add* | *110.11* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *55.06* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *110.11* | |
| 23 51 16 00-0195 | EA | 12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 699.48 | 29.80 |
| | | *For 316 Stainless Steel, Add* | *125.01* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *62.50* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *125.01* | |
| 23 51 16 00-0196 | EA | 14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 811.38 | 31.24 |
| | | *For 316 Stainless Steel, Add* | *146.67* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *73.33* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *146.67* | |
| 23 51 16 00-0197 | EA | 16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 894.22 | 32.77 |
| | | *For 316 Stainless Steel, Add* | *162.46* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *81.23* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *162.46* | |
| 23 51 16 00-0198 | EA | 18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,033.92 | 34.51 |
| | | *For 316 Stainless Steel, Add* | *189.54* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *94.77* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *189.54* | |
| 23 51 16 00-0199 | EA | 20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,197.07 | 54.58 |
| | | *For 316 Stainless Steel, Add* | *212.11* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *106.05* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *212.11* | |
| 23 51 16 00-0200 | EA | 24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,473.63 | 61.44 |
| | | *For 316 Stainless Steel, Add* | *264.00* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *132.00* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *264.00* | |
| 23 51 16 00-0201 | EA | 28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,788.49 | 65.53 |
| | | *For 316 Stainless Steel, Add* | *324.93* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *162.46* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *324.93* | |
| 23 51 16 00-0202 | EA | 32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,364.22 | 70.15 |
| | | *For 316 Stainless Steel, Add* | *437.75* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *218.87* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *437.75* | |
| 23 51 16 00-0203 | EA | 36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,686.89 | 81.92 |
| | | *For 316 Stainless Steel, Add* | *496.42* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *248.21* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *496.42* | |
| 23 51 16 00-0204 | EA | 42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 3,946.49 | 89.40 |
| | | *For 316 Stainless Steel, Add* | *744.62* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *372.31* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *744.62* | |
| 23 51 16 00-0205 | EA | 48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 4,927.87 | 98.31 |
| | | *For 316 Stainless Steel, Add* | *936.42* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *468.21* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *936.42* | |
| 23 51 16 00-0206 | | 45 Degree Elbows *(23 51 16 00-0175)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0207 | EA | 6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 327.61 | 21.81 |
| | | *For 316 Stainless Steel, Add* | *54.61* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *27.30* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *54.61* | |
| 23 51 16 00-0208 | EA | 8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 374.36 | 25.19 |
| | | *For 316 Stainless Steel, Add* | *62.28* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *31.14* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *62.28* | |
| 23 51 16 00-0209 | EA | 10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 415.80 | 27.34 |
| | | *For 316 Stainless Steel, Add* | *69.50* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *34.75* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *69.50* | |
| 23 51 16 00-0210 | EA | 12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 473.85 | 29.80 |
| | | *For 316 Stainless Steel, Add* | *79.88* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *39.94* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *79.88* | |
| 23 51 16 00-0211 | EA | 14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 533.84 | 31.24 |
| | | *For 316 Stainless Steel, Add* | *91.16* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *45.58* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *91.16* | |
| 23 51 16 00-0212 | EA | 16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 598.62 | 32.77 |
| | | *For 316 Stainless Steel, Add* | *103.34* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *51.67* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *103.34* | |
| 23 51 16 00-0213 | EA | 18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 670.64 | 34.51 |
| | | *For 316 Stainless Steel, Add* | *116.88* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *58.44* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *116.88* | |
| 23 51 16 00-0214 | EA | 20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 804.46 | 54.58 |
| | | *For 316 Stainless Steel, Add* | *133.58* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *66.79* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *133.58* | |
| 23 51 16 00-0215 | EA | 24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,011.07 | 61.44 |
| | | *For 316 Stainless Steel, Add* | *171.49* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *85.75* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *171.49* | |
| 23 51 16 00-0216 | EA | 28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,134.12 | 65.53 |
| | | *For 316 Stainless Steel, Add* | *194.05* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *97.03* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *194.05* | |
| 23 51 16 00-0217 | EA | 32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,472.93 | 70.15 |
| | | *For 316 Stainless Steel, Add* | *259.49* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *129.75* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *259.49* | |
| 23 51 16 00-0218 | EA | 36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,953.55 | 81.92 |
| | | *For 316 Stainless Steel, Add* | *349.75* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *174.87* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *349.75* | |
| 23 51 16 00-0219 | EA | 42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,592.63 | 89.40 |
| | | *For 316 Stainless Steel, Add* | *473.85* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *236.93* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *473.85* | |
| 23 51 16 00-0220 | EA | 48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 3,461.20 | 98.31 |
| | | *For 316 Stainless Steel, Add* | *643.08* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *321.54* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *643.08* | |

### 23 51 16 00-0221 Tees *(23 51 16 00-0175)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0222 | EA | 6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 354.91 | 27.34 |
| | | *For 316 Stainless Steel, Add* | *63.05* | |
| | | *For Tee Cap, Add* | *81.23* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *28.66* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *57.31* | |
| 23 51 16 00-0223 | EA | 8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 403.89 | 29.80 |
| | | *For 316 Stainless Steel, Add* | *72.48* | |
| | | *For Tee Cap, Add* | *91.95* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *32.94* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *65.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0224 | EA | 10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 463.86 | 31.24 |
| | | *For 316 Stainless Steel, Add* | *84.89* | |
| | | *For Tee Cap, Add* | *104.47* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *38.59* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *77.17* | |
| 23 51 16 00-0225 | EA | 12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 533.19 | 32.77 |
| | | *For 316 Stainless Steel, Add* | *99.28* | |
| | | *For Tee Cap, Add* | *118.92* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *45.13* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *90.26* | |
| 23 51 16 00-0226 | EA | 14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 623.54 | 36.46 |
| | | *For 316 Stainless Steel, Add* | *117.15* | |
| | | *For Tee Cap, Add* | *138.36* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *53.25* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *106.50* | |
| 23 51 16 00-0227 | EA | 16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 700.29 | 40.96 |
| | | *For 316 Stainless Steel, Add* | *131.55* | |
| | | *For Tee Cap, Add* | *155.41* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *59.80* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *119.59* | |
| 23 51 16 00-0228 | EA | 18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 816.44 | 46.80 |
| | | *For 316 Stainless Steel, Add* | *153.89* | |
| | | *For Tee Cap, Add* | *180.83* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *69.95* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *139.90* | |
| 23 51 16 00-0229 | EA | 20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 934.31 | 57.85 |
| | | *For 316 Stainless Steel, Add* | *173.75* | |
| | | *For Tee Cap, Add* | *208.55* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *78.98* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *157.95* | |
| 23 51 16 00-0230 | EA | 24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,186.36 | 81.92 |
| | | *For 316 Stainless Steel, Add* | *215.94* | |
| | | *For Tee Cap, Add* | *267.99* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *98.16* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *196.31* | |
| 23 51 16 00-0231 | EA | 28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,441.85 | 89.40 |
| | | *For 316 Stainless Steel, Add* | *268.07* | |
| | | *For Tee Cap, Add* | *321.88* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *121.85* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *243.70* | |
| 23 51 16 00-0232 | EA | 32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,915.52 | 98.31 |
| | | *For 316 Stainless Steel, Add* | *367.35* | |
| | | *For Tee Cap, Add* | *419.97* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *166.98* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *333.95* | |
| 23 51 16 00-0233 | EA | 36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,134.78 | 109.27 |
| | | *For 316 Stainless Steel, Add* | *409.54* | |
| | | *For Tee Cap, Add* | *467.94* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *186.16* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *372.31* | |
| 23 51 16 00-0234 | EA | 42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 3,399.40 | 163.85 |
| | | *For 316 Stainless Steel, Add* | *657.75* | |
| | | *For Tee Cap, Add* | *741.32* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *298.98* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *597.96* | |
| 23 51 16 00-0235 | EA | 48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 4,271.10 | 196.61 |
| | | *For 316 Stainless Steel, Add* | *831.50* | |
| | | *For Tee Cap, Add* | *927.96* | |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *377.95* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *755.91* | |

### 23 51 16 00-0236 Bellows *(23 51 16 00-0175)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0237 | EA | 6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 672.84 | 21.81 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *61.83* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *123.65* | |
| 23 51 16 00-0238 | EA | 8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 733.13 | 25.19 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *67.02* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *134.03* | |
| 23 51 16 00-0239 | EA | 10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 801.68 | 27.34 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *73.33* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *146.67* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0240 | EA | 12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 886.77 | 29.80 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *81.23* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *162.46* | |
| 23 51 16 00-0241 | EA | 14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 991.90 | 31.24 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *91.39* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *182.77* | |
| 23 51 16 00-0242 | EA | 16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,097.30 | 32.77 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *101.54* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *203.08* | |
| 23 51 16 00-0243 | EA | 18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,225.72 | 34.51 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *113.95* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *227.90* | |
| 23 51 16 00-0244 | EA | 20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,422.70 | 54.58 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *128.62* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *257.23* | |
| 23 51 16 00-0245 | EA | 24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,755.69 | 61.44 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *160.21* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *320.41* | |
| 23 51 16 00-0246 | EA | 28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,969.02 | 65.53 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *180.52* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *361.03* | |
| 23 51 16 00-0247 | EA | 32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,251.51 | 70.25 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *207.59* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *415.18* | |
| 23 51 16 00-0248 | EA | 36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,574.09 | 81.92 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *236.93* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *473.85* | |
| 23 51 16 00-0249 | EA | 42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 3,269.58 | 89.40 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *304.62* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *609.24* | |
| 23 51 16 00-0250 | EA | 48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 3,968.90 | 98.31 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *372.31* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *744.62* | |

### 23 51 16 00-0251 Ventilated Roof Thimbles *(23 51 16 00-0175)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0252 | EA | 6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 446.60 | 25.19 |
| | | *For 316 Stainless Steel, Add* | *38.36* | |
| 23 51 16 00-0253 | EA | 8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 485.12 | 29.80 |
| | | *For 316 Stainless Steel, Add* | *41.07* | |
| 23 51 16 00-0254 | EA | 10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 530.92 | 32.77 |
| | | *For 316 Stainless Steel, Add* | *44.90* | |
| 23 51 16 00-0255 | EA | 12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 573.96 | 36.46 |
| | | *For 316 Stainless Steel, Add* | *48.29* | |
| 23 51 16 00-0256 | EA | 14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 730.47 | 38.60 |
| | | *For 316 Stainless Steel, Add* | *63.41* | |
| 23 51 16 00-0257 | EA | 16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 652.95 | 40.96 |
| | | *For 316 Stainless Steel, Add* | *55.06* | |
| 23 51 16 00-0258 | EA | 18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 702.72 | 43.72 |
| | | *For 316 Stainless Steel, Add* | *59.34* | |
| 23 51 16 00-0259 | EA | 20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 789.94 | 61.44 |
| | | *For 316 Stainless Steel, Add* | *63.63* | |
| 23 51 16 00-0260 | EA | 24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 886.14 | 70.15 |
| | | *For 316 Stainless Steel, Add* | *71.08* | |
| 23 51 16 00-0261 | EA | 28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,012.53 | 75.57 |
| | | *For 316 Stainless Steel, Add* | *82.36* | |
| 23 51 16 00-0262 | EA | 32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,129.82 | 81.82 |
| | | *For 316 Stainless Steel, Add* | *92.51* | |
| 23 51 16 00-0263 | EA | 36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,261.02 | 98.20 |
| | | *For 316 Stainless Steel, Add* | *101.54* | |
| 23 51 16 00-0264 | EA | 42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,615.54 | 109.16 |
| | | *For 316 Stainless Steel, Add* | *134.26* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0265 | EA | 48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,999.33 | 122.78 |
| | | *For 316 Stainless Steel, Add* | *169.23* | |
| **23 51 16 00-0266** | | **Exit Cones** *(23 51 16 00-0175)* | | |
| 23 51 16 00-0267 | EA | 6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 308.69 | 14.23 |
| 23 51 16 00-0268 | EA | 8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 325.59 | 15.56 |
| 23 51 16 00-0269 | EA | 10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 350.08 | 16.39 |
| 23 51 16 00-0270 | EA | 12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 365.79 | 17.21 |
| 23 51 16 00-0271 | EA | 14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 403.04 | 17.72 |
| 23 51 16 00-0272 | EA | 16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 440.31 | 18.12 |
| 23 51 16 00-0273 | EA | 18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 534.17 | 18.74 |
| 23 51 16 00-0274 | EA | 20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 667.69 | 35.13 |
| 23 51 16 00-0275 | EA | 24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 839.13 | 37.79 |
| 23 51 16 00-0276 | EA | 28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,000.90 | 39.32 |
| 23 51 16 00-0277 | EA | 32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,230.63 | 40.96 |
| 23 51 16 00-0278 | EA | 36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,397.92 | 44.75 |
| 23 51 16 00-0279 | EA | 42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,764.27 | 46.80 |
| 23 51 16 00-0280 | EA | 48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,255.22 | 49.16 |
| **23 51 16 00-0281** | | **Vent Top Caps** *(23 51 16 00-0175)* | | |
| 23 51 16 00-0282 | EA | 6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 337.93 | 14.23 |
| 23 51 16 00-0283 | EA | 8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 391.02 | 15.56 |
| 23 51 16 00-0284 | EA | 10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 453.86 | 16.39 |
| 23 51 16 00-0285 | EA | 12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 521.45 | 17.21 |
| 23 51 16 00-0286 | EA | 14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 608.33 | 17.72 |
| 23 51 16 00-0287 | EA | 16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 690.83 | 18.22 |
| 23 51 16 00-0288 | EA | 18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 768.87 | 18.74 |
| 23 51 16 00-0289 | EA | 20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 922.57 | 35.13 |
| 23 51 16 00-0290 | EA | 24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,098.62 | 37.79 |
| 23 51 16 00-0291 | EA | 28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,192.63 | 39.32 |
| 23 51 16 00-0292 | EA | 32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,354.67 | 40.96 |
| 23 51 16 00-0293 | EA | 36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,578.31 | 44.65 |
| 23 51 16 00-0294 | EA | 42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,922.15 | 46.80 |
| 23 51 16 00-0295 | EA | 48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,232.59 | 49.16 |
| **23 51 16 00-0296** | | **Roof Support Assemblies** *(23 51 16 00-0175)* | | |
| 23 51 16 00-0297 | EA | 6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 509.97 | 26.22 |
| | | *For 316 Stainless Steel, Add* | *88.90* | |
| 23 51 16 00-0298 | EA | 8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 563.17 | 31.24 |
| | | *For 316 Stainless Steel, Add* | *97.03* | |
| 23 51 16 00-0299 | EA | 10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 618.69 | 34.51 |
| | | *For 316 Stainless Steel, Add* | *106.50* | |
| 23 51 16 00-0300 | EA | 12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 660.43 | 38.50 |
| | | *For 316 Stainless Steel, Add* | *112.82* | |
| 23 51 16 00-0301 | EA | 14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 736.46 | 40.96 |
| | | *For 316 Stainless Steel, Add* | *126.81* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0302 | EA | 16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 781.67 | 43.72 |
| | | *For 316 Stainless Steel, Add* | *134.48* | |
| 23 51 16 00-0303 | EA | 18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 839.19 | 46.90 |
| | | *For 316 Stainless Steel, Add* | *144.41* | |
| 23 51 16 00-0304 | EA | 20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 931.04 | 65.53 |
| | | *For 316 Stainless Steel, Add* | *153.44* | |
| 23 51 16 00-0305 | EA | 24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,046.52 | 75.67 |
| | | *For 316 Stainless Steel, Add* | *171.49* | |
| 23 51 16 00-0306 | EA | 28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,208.93 | 81.92 |
| | | *For 316 Stainless Steel, Add* | *200.82* | |
| 23 51 16 00-0307 | EA | 32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,441.87 | 89.40 |
| | | *For 316 Stainless Steel, Add* | *243.70* | |
| 23 51 16 00-0308 | EA | 36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 1,672.21 | 109.27 |
| | | *For 316 Stainless Steel, Add* | *279.80* | |
| 23 51 16 00-0309 | EA | 42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 2,495.92 | 122.88 |
| | | *For 316 Stainless Steel, Add* | *437.75* | |
| 23 51 16 00-0310 | EA | 48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket | 3,056.99 | 139.68 |
| | | *For 316 Stainless Steel, Add* | *541.55* | |

### 23 51 16 00-0311 Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: With 1" insulation.

### 23 51 16 00-0312 Round Stainless Steel Double Wall Flue/Vent Pipe *(23 51 16 00-0311)*

Note: With 1" insulation.

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0313 | LF | 6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe | 90.53 | 10.96 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *6.32* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *12.64* | |
| 23 51 16 00-0314 | LF | 7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe | 110.51 | 11.67 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *8.12* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *16.25* | |
| 23 51 16 00-0315 | LF | 8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe | 126.32 | 12.60 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *9.48* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *18.95* | |
| 23 51 16 00-0316 | LF | 10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe | 171.69 | 13.62 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *13.76* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *27.53* | |
| 23 51 16 00-0317 | LF | 12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe | 222.30 | 14.95 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *18.50* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *37.01* | |
| 23 51 16 00-0318 | LF | 14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe | 282.81 | 15.66 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *24.37* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *48.74* | |

### 23 51 16 00-0319 90 Degree Elbows *(23 51 16 00-0311)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0320 | EA | 6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe | 195.65 | 21.81 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *14.10* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *28.21* | |
| 23 51 16 00-0321 | EA | 7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe | 216.42 | 23.34 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *15.80* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *31.59* | |
| 23 51 16 00-0322 | EA | 8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe | 243.52 | 25.19 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *18.05* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *36.10* | |
| 23 51 16 00-0323 | EA | 10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe | 302.98 | 27.34 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *23.47* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *46.93* | |
| 23 51 16 00-0324 | EA | 12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe | 361.03 | 29.80 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *28.66* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *57.31* | |
| 23 51 16 00-0325 | EA | 14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe | 420.96 | 31.24 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *34.30* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *68.60* | |

### 23 51 16 00-0326 45 Degree Elbows *(23 51 16 00-0311)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0327 | EA | 6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe | 160.40 | 21.81 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *10.58* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *21.15* | |
| 23 51 16 00-0328 | EA | 7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe | 176.92 | 23.34 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *11.85* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *23.69* | |
| 23 51 16 00-0329 | EA | 8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe | 198.40 | 25.19 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *13.54* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *27.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0330 | EA | 10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe | 244.31 | 27.34 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *17.60* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *35.20* | |
| 23 51 16 00-0331 | EA | 12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe | 289.37 | 29.80 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *21.49* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *42.99* | |
| 23 51 16 00-0332 | EA | 14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe | 335.26 | 31.24 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *25.72* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *51.45* | |
| **23 51 16 00-0333** | | **Tees With Tee Caps** *(23 51 16 00-0311)* | | |
| 23 51 16 00-0334 | EA | 6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe | 320.83 | 21.81 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *26.63* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *53.25* | |
| 23 51 16 00-0335 | EA | 7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe | 405.96 | 23.34 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *34.75* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *69.50* | |
| 23 51 16 00-0336 | EA | 8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe | 455.59 | 25.19 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *39.26* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *78.52* | |
| 23 51 16 00-0337 | EA | 10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe | 621.07 | 27.34 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *55.28* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *110.57* | |
| 23 51 16 00-0338 | EA | 12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe | 852.89 | 29.80 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *77.85* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *155.69* | |
| 23 51 16 00-0339 | EA | 14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe | 1,093.36 | 31.24 |
| | | *For 2" Insulated Wall Instead Of 1" Thickness, Add* | *101.54* | |
| | | *For 3" Insulated Wall Instead Of 1" Thickness, Add* | *203.08* | |
| **23 51 16 00-0340** | | **Joist Shields** *(23 51 16 00-0311)* | | |
| 23 51 16 00-0341 | EA | 6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe | 135.82 | 21.81 |
| 23 51 16 00-0342 | EA | 7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe | 146.47 | 23.34 |
| 23 51 16 00-0343 | EA | 8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe | 171.28 | 25.19 |
| 23 51 16 00-0344 | EA | 10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe | 213.89 | 27.34 |
| 23 51 16 00-0345 | EA | 12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe | 256.09 | 29.80 |
| 23 51 16 00-0346 | EA | 14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe | 303.62 | 31.24 |
| **23 51 16 00-0347** | | **Adjustable Roof Flashing** *(23 51 16 00-0311)* | | |
| 23 51 16 00-0348 | EA | 6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe | 161.76 | 21.81 |
| 23 51 16 00-0349 | EA | 7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe | 180.31 | 23.34 |
| 23 51 16 00-0350 | EA | 8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe | 196.09 | 25.19 |
| 23 51 16 00-0351 | EA | 10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe | 238.68 | 27.34 |
| 23 51 16 00-0352 | EA | 12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe | 294.51 | 29.80 |
| 23 51 16 00-0353 | EA | 14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe | 353.24 | 31.13 |
| **23 51 16 00-0354** | | **Vent Top Caps** *(23 51 16 00-0311)* | | |
| 23 51 16 00-0355 | EA | 6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe | 144.85 | 21.81 |
| 23 51 16 00-0356 | EA | 7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe | 181.44 | 23.34 |
| 23 51 16 00-0357 | EA | 8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe | 227.69 | 25.19 |
| 23 51 16 00-0358 | EA | 10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe | 363.94 | 27.34 |
| 23 51 16 00-0359 | EA | 12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe | 496.45 | 29.80 |
| 23 51 16 00-0360 | EA | 14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe | 633.08 | 31.24 |
| **23 51 16 00-0361** | | **Roof Support Assemblies** *(23 51 16 00-0311)* | | |
| 23 51 16 00-0362 | EA | 6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe | 215.84 | 21.81 |
| 23 51 16 00-0363 | EA | 7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe | 240.10 | 23.34 |
| 23 51 16 00-0364 | EA | 8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe | 260.40 | 25.19 |
| 23 51 16 00-0365 | EA | 10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe | 327.75 | 27.34 |
| 23 51 16 00-0366 | EA | 12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe | 388.11 | 29.80 |
| 23 51 16 00-0367 | EA | 14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe | 475.14 | 31.24 |
| **23 51 16 00-0368** | | **Polyvinyl Chloride (PVC) Flue/Vent Accessories** *(23 51 16)* | | |
| **23 51 16 00-0369** | | **Concentric Polyvinyl Chloride (PVC) Vent Termination** *(23 51 16 00-0368)* | | |
| 23 51 16 00-0370 | EA | 2" Concentric Polyvinyl Chloride (PVC) Vent Termination | 212.15 | 41.69 |
| 23 51 16 00-0371 | EA | 3" Concentric Polyvinyl Chloride (PVC) Vent Termination | 230.55 | 41.69 |
| **23 51 16 00-0372** | | **Polypropylene (PP) Flue/Vent Pipe And Fittings** *(23 51 16)*<br>Note: Centrotherm InnoFlue® Vent System | | |
| **23 51 16 00-0373** | | **Polypropylene Flue/Vent Rigid Pipe Sections** *(23 51 16 00-0372)*<br>Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends. | | |
| 23 51 16 00-0374 | EA | 2" x 12" Polypropylene Flue/Vent Rigid Pipe Section | 38.96 | 12.67 |
| 23 51 16 00-0375 | EA | 2" x 24" Polypropylene Flue/Vent Rigid Pipe Section | 44.48 | 13.33 |
| 23 51 16 00-0376 | EA | 2" x 36" Polypropylene Flue/Vent Rigid Pipe Section | 51.06 | 14.82 |
| 23 51 16 00-0377 | EA | 2" x 72" Polypropylene Flue/Vent Rigid Pipe Section | 63.57 | 17.43 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0378 | EA | 3" x 12" Polypropylene Flue/Vent Rigid Pipe Section | 46.96 | 14.52 |
| 23 51 16 00-0379 | EA | 3" x 24" Polypropylene Flue/Vent Rigid Pipe Section | 57.07 | 15.29 |
| 23 51 16 00-0380 | EA | 3" x 36" Polypropylene Flue/Vent Rigid Pipe Section | 70.32 | 16.99 |
| 23 51 16 00-0381 | EA | 3" x 72" Polypropylene Flue/Vent Rigid Pipe Section | 87.15 | 19.98 |
| 23 51 16 00-0382 | EA | 4" x 12" Polypropylene Flue/Vent Rigid Pipe Section | 78.44 | 19.21 |
| 23 51 16 00-0383 | EA | 4" x 24" Polypropylene Flue/Vent Rigid Pipe Section | 93.06 | 20.22 |
| 23 51 16 00-0384 | EA | 4" x 36" Polypropylene Flue/Vent Rigid Pipe Section | 116.20 | 22.47 |
| 23 51 16 00-0385 | EA | 4" x 72" Polypropylene Flue/Vent Rigid Pipe Section | 151.01 | 26.43 |
| 23 51 16 00-0386 | EA | 5" x 12" Polypropylene Flue/Vent Rigid Pipe Section | 116.38 | 28.35 |
| 23 51 16 00-0387 | EA | 5" x 24" Polypropylene Flue/Vent Rigid Pipe Section | 133.53 | 29.84 |
| 23 51 16 00-0388 | EA | 5" x 36" Polypropylene Flue/Vent Rigid Pipe Section | 174.59 | 33.16 |
| 23 51 16 00-0389 | EA | 5" x 72" Polypropylene Flue/Vent Rigid Pipe Section | 227.65 | 39.02 |
| **23 51 16 00-0390** | | **Polypropylene Flue/Vent Elbows** *(23 51 16 00-0372)* | | |
| | | Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends. | | |
| 23 51 16 00-0391 | EA | 2" Polypropylene Flue/Vent 15 Degree Elbow | 48.21 | 15.39 |
| 23 51 16 00-0392 | EA | 3" Polypropylene Flue/Vent 15 Degree Elbow | 56.70 | 16.20 |
| 23 51 16 00-0393 | EA | 4" Polypropylene Flue/Vent 15 Degree Elbow | 71.40 | 16.79 |
| 23 51 16 00-0394 | EA | 5" Polypropylene Flue/Vent 15 Degree Elbow | 83.24 | 17.48 |
| 23 51 16 00-0395 | EA | 2" Polypropylene Flue/Vent 30 Degree Elbow | 48.21 | 15.39 |
| 23 51 16 00-0396 | EA | 3" Polypropylene Flue/Vent 30 Degree Elbow | 56.70 | 16.20 |
| 23 51 16 00-0397 | EA | 4" Polypropylene Flue/Vent 30 Degree Elbow | 71.40 | 16.79 |
| 23 51 16 00-0398 | EA | 5" Polypropylene Flue/Vent 30 Degree Elbow | 83.24 | 17.48 |
| 23 51 16 00-0399 | EA | 2" Polypropylene Flue/Vent 45 Degree Elbow | 48.21 | 15.39 |
| 23 51 16 00-0400 | EA | 3" Polypropylene Flue/Vent 45 Degree Elbow | 56.70 | 16.20 |
| 23 51 16 00-0401 | EA | 4" Polypropylene Flue/Vent 45 Degree Elbow | 71.40 | 16.79 |
| 23 51 16 00-0402 | EA | 5" Polypropylene Flue/Vent 45 Degree Elbow | 83.24 | 17.48 |
| 23 51 16 00-0403 | EA | 2" Polypropylene Flue/Vent 87 Degree Elbow | 48.21 | 15.39 |
| 23 51 16 00-0404 | EA | 3" Polypropylene Flue/Vent 87 Degree Elbow | 56.70 | 16.20 |
| 23 51 16 00-0405 | EA | 4" Polypropylene Flue/Vent 87 Degree Elbow | 70.48 | 16.79 |
| 23 51 16 00-0406 | EA | 5" Polypropylene Flue/Vent 87 Degree Elbow | 85.49 | 17.48 |
| **23 51 16 00-0407** | | **Polypropylene Flue/Vent Tees** *(23 51 16 00-0372)* | | |
| | | Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends. | | |
| 23 51 16 00-0408 | EA | 2" Polypropylene Flue/Vent Tee | 154.01 | 23.09 |
| 23 51 16 00-0409 | EA | 3" Polypropylene Flue/Vent Tee | 194.28 | 24.31 |
| 23 51 16 00-0410 | EA | 4" Polypropylene Flue/Vent Tee | 228.54 | 25.19 |
| 23 51 16 00-0411 | EA | 5" Polypropylene Flue/Vent Tee | 250.27 | 26.22 |
| **23 51 16 00-0412** | | **Polypropylene Flue/Vent Adaptors** *(23 51 16 00-0372)* | | |
| | | Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends. | | |
| 23 51 16 00-0413 | EA | 2" Polypropylene Flue/Vent Adaptor With Gasket | 57.12 | 15.39 |
| 23 51 16 00-0414 | EA | 3" Polypropylene Flue/Vent Adaptor With Gasket | 82.67 | 16.20 |
| 23 51 16 00-0415 | EA | 4" Polypropylene Flue/Vent Adaptor With Gasket | 96.54 | 16.79 |
| 23 51 16 00-0416 | EA | 5" Polypropylene Flue/Vent Adaptor With Gasket | 132.39 | 17.48 |
| **23 51 16 00-0417** | | **Polypropylene Flue/Vent Increases** *(23 51 16 00-0372)* | | |
| | | Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends. | | |
| 23 51 16 00-0418 | EA | 2" to 3" Polypropylene Flue/Vent Centric Increaser | 63.48 | 15.80 |
| 23 51 16 00-0419 | EA | 3" to 4" Polypropylene Flue/Vent Centric Increaser | 69.63 | 16.50 |
| 23 51 16 00-0420 | EA | 4" to 5" Polypropylene Flue/Vent Centric Increaser | 126.97 | 17.13 |
| 23 51 16 00-0421 | EA | 2" to 3" Polypropylene Flue/Vent Eccentric Increaser | 86.37 | 15.80 |
| 23 51 16 00-0422 | EA | 3" to 4" Polypropylene Flue/Vent Eccentric Increaser | 67.76 | 16.50 |
| 23 51 16 00-0423 | EA | 4" to 5" Polypropylene Flue/Vent Eccentric Increaser | 175.85 | 17.13 |
| **23 51 16 00-0424** | | **Polypropylene Flue/Vent Reducers** *(23 51 16 00-0372)* | | |
| | | Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends. | | |
| 23 51 16 00-0425 | EA | 3" to 2" Polypropylene Flue/Vent Reducer | 63.48 | 15.80 |
| 23 51 16 00-0426 | EA | 4" to 3" Polypropylene Flue/Vent Reducer | 69.63 | 16.50 |
| 23 51 16 00-0427 | EA | 5" to 4" Polypropylene Flue/Vent Reducer | 157.45 | 17.13 |
| **23 51 16 00-0428** | | **Polypropylene Flue/Vent Test Ports** *(23 51 16 00-0372)* | | |
| | | Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends. | | |
| 23 51 16 00-0429 | EA | 2" Polypropylene Flue/Vent Test Port | 80.10 | 23.09 |
| 23 51 16 00-0430 | EA | 3" Polypropylene Flue/Vent Test Port | 90.07 | 24.31 |
| 23 51 16 00-0431 | EA | 4" Polypropylene Flue/Vent Test Port | 139.51 | 25.19 |
| 23 51 16 00-0432 | EA | 5" Polypropylene Flue/Vent Test Port | 149.05 | 26.22 |
| **23 51 16 00-0433** | | **Polypropylene Flue/Vent Cascade Components** *(23 51 16 00-0372)* | | |
| | | Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends. | | |
| 23 51 16 00-0434 | EA | 4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder | 232.64 | 25.19 |
| 23 51 16 00-0435 | EA | 4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder | 304.88 | 31.49 |
| 23 51 16 00-0436 | EA | 5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder | 190.60 | 26.22 |
| 23 51 16 00-0437 | EA | 5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder | 283.17 | 32.77 |
| 23 51 16 00-0438 | EA | 3" to 4" Polypropylene Flue/Vent Non-Return Valve | 299.08 | 16.50 |
| 23 51 16 00-0439 | EA | 4" to 4" Polypropylene Flue/Vent Non-Return Valve | 346.53 | 17.13 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 51 16 00-0440** | | **Polypropylene Flue/Vent Condensate Management** *(23 51 16 00-0372)* | | |
| | | Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends. | | |
| 23 51 16 00-0441 | EA | 2" Polypropylene Flue/Vent Horizontal Drain Tee | 111.00 | 23.09 |
| 23 51 16 00-0442 | EA | 3" Polypropylene Flue/Vent Horizontal Drain Tee | 134.64 | 24.31 |
| 23 51 16 00-0443 | EA | 4" Polypropylene Flue/Vent Horizontal Drain Tee | 154.57 | 25.19 |
| 23 51 16 00-0444 | EA | 5" Polypropylene Flue/Vent Horizontal Drain Tee | 176.70 | 26.22 |
| 23 51 16 00-0445 | EA | 4" Polypropylene Flue/Vent Horizontal Drain Fittings | 196.37 | 25.19 |
| 23 51 16 00-0446 | EA | 5" Polypropylene Flue/Vent Horizontal Drain Fittings | 216.70 | 26.22 |
| 23 51 16 00-0447 | EA | 2" Polypropylene Flue/Vent Tee Cap | 64.72 | 7.70 |
| 23 51 16 00-0448 | EA | 3" Polypropylene Flue/Vent Tee Cap | 83.33 | 8.10 |
| 23 51 16 00-0449 | EA | 4" Polypropylene Flue/Vent Tee Cap | 99.20 | 8.40 |
| 23 51 16 00-0450 | EA | 5" Polypropylene Flue/Vent Tee Cap | 129.86 | 8.74 |
| 23 51 16 00-0451 | EA | 2" Polypropylene Flue/Vent Tee Cap With Drain | 124.37 | 23.09 |
| 23 51 16 00-0452 | EA | 3" Polypropylene Flue/Vent Tee Cap With Drain | 153.18 | 24.31 |
| 23 51 16 00-0453 | EA | 4" Polypropylene Flue/Vent Tee Cap With Drain | 177.57 | 25.19 |
| 23 51 16 00-0454 | EA | 5" Polypropylene Flue/Vent Tee Cap With Drain | 214.50 | 26.22 |
| **23 51 16 00-0455** | | **Polypropylene Flue/Vent Terminations** *(23 51 16 00-0372)* | | |
| 23 51 16 00-0456 | EA | 2" Polypropylene-UV Black Flue/Vent Chimney Cover | 163.62 | 15.39 |
| 23 51 16 00-0457 | EA | 3" Polypropylene-UV Black Flue/Vent Chimney Cover | 143.99 | 16.20 |
| 23 51 16 00-0458 | EA | 4" Polypropylene-UV Black Flue/Vent Chimney Cover | 180.66 | 16.79 |
| 23 51 16 00-0459 | EA | 3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe | 371.45 | 16.20 |
| 23 51 16 00-0460 | EA | 4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe | 396.70 | 16.79 |
| 23 51 16 00-0461 | EA | 5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe | 463.36 | 17.48 |
| 23 51 16 00-0462 | EA | 2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 95.78 | 15.39 |
| 23 51 16 00-0463 | EA | 2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 101.51 | 15.39 |
| 23 51 16 00-0464 | EA | 2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 107.24 | 15.39 |
| 23 51 16 00-0465 | EA | 2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 112.97 | 15.39 |
| 23 51 16 00-0466 | EA | 3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 103.54 | 16.20 |
| 23 51 16 00-0467 | EA | 3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 109.27 | 16.20 |
| 23 51 16 00-0468 | EA | 3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 115.00 | 16.20 |
| 23 51 16 00-0469 | EA | 3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 120.73 | 16.20 |
| 23 51 16 00-0470 | EA | 4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 116.48 | 16.79 |
| 23 51 16 00-0471 | EA | 4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 122.21 | 16.79 |
| 23 51 16 00-0472 | EA | 4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar | 127.94 | 16.79 |
| 23 51 16 00-0473 | EA | 2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination | 101.45 | 15.39 |
| 23 51 16 00-0474 | EA | 3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination | 130.47 | 16.20 |
| 23 51 16 00-0475 | EA | 2" Polypropylene-UV Black Flue/Vent Termination Tee | 117.21 | 23.09 |
| 23 51 16 00-0476 | EA | 3" Polypropylene-UV Black Flue/Vent Termination Tee | 155.20 | 24.31 |
| 23 51 16 00-0477 | EA | 4" Polypropylene-UV Black Flue/Vent Termination Tee | 183.97 | 25.19 |
| 23 51 16 00-0478 | EA | 5" Polypropylene-UV Black Flue/Vent Termination Tee | 202.91 | 26.22 |
| 23 51 16 00-0479 | EA | 2" x 20" Polypropylene-UV Black Flue/Vent End Pipe | 41.00 | 13.33 |
| 23 51 16 00-0480 | EA | 2" x 39" Polypropylene-UV Black Flue/Vent End Pipe | 49.22 | 14.82 |
| 23 51 16 00-0481 | EA | 3" x 20" Polypropylene-UV Black Flue/Vent End Pipe | 49.44 | 15.29 |
| 23 51 16 00-0482 | EA | 3" x 39" Polypropylene-UV Black Flue/Vent End Pipe | 62.07 | 16.99 |
| 23 51 16 00-0483 | EA | 4" x 20" Polypropylene-UV Black Flue/Vent End Pipe | 75.04 | 20.22 |
| 23 51 16 00-0484 | EA | 5" x 20" Polypropylene-UV Black Flue/Vent End Pipe | 103.29 | 29.84 |
| 23 51 16 00-0485 | EA | 5" x 39" Polypropylene-UV Black Flue/Vent End Pipe | 125.61 | 33.16 |
| 23 51 16 00-0486 | EA | 2" x 24" Polypropylene-UV Black Flue/Vent Vent Length | 45.59 | 13.33 |
| 23 51 16 00-0487 | EA | 3" x 24" Polypropylene-UV Black Flue/Vent Vent Length | 58.96 | 15.29 |
| 23 51 16 00-0488 | EA | 4" x 24" Polypropylene-UV Black Flue/Vent Vent Length | 97.32 | 20.22 |
| 23 51 16 00-0489 | EA | 2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow | 50.03 | 15.39 |
| 23 51 16 00-0490 | EA | 3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow | 58.99 | 16.20 |
| 23 51 16 00-0491 | EA | 4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow | 74.33 | 16.79 |
| 23 51 16 00-0492 | EA | 2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow | 49.17 | 15.39 |
| 23 51 16 00-0493 | EA | 3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow | 58.42 | 16.20 |
| 23 51 16 00-0494 | EA | 4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow | 73.32 | 16.79 |
| 23 51 16 00-0495 | EA | 2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent | 32.45 | 7.70 |
| 23 51 16 00-0496 | EA | 3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent | 37.96 | 8.10 |
| 23 51 16 00-0497 | EA | 4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent | 42.65 | 8.40 |
| 23 51 16 00-0498 | EA | 3" Stainless Steel Bird Screen For Polypropylene Flue/Vent | 84.91 | 8.10 |
| 23 51 16 00-0499 | EA | 5" Stainless Steel Bird Screen For Polypropylene Flue/Vent | 97.67 | 8.74 |
| **23 51 16 00-0500** | | **Polypropylene Flue/Vent Accessories** *(23 51 16 00-0372)* | | |
| 23 51 16 00-0501 | EA | 2" Spacer For Polypropylene Flue/Vent | 16.55 | 3.85 |
| 23 51 16 00-0502 | EA | 3" Spacer For Polypropylene Flue/Vent | 15.70 | 4.05 |
| 23 51 16 00-0503 | EA | 4" Spacer For Polypropylene Flue/Vent | 16.16 | 4.20 |
| 23 51 16 00-0504 | EA | 5" Spacer For Polypropylene Flue/Vent | 25.92 | 4.37 |
| 23 51 16 00-0505 | EA | 2" Flue Clamp For Polypropylene Flue/Vent | 31.52 | 5.78 |
| 23 51 16 00-0506 | EA | 3" Flue Clamp For Polypropylene Flue/Vent | 37.16 | 6.07 |
| 23 51 16 00-0507 | EA | 4" Flue Clamp For Polypropylene Flue/Vent | 43.24 | 6.30 |
| 23 51 16 00-0508 | EA | 2" Support Clamp For Polypropylene Flue/Vent | 29.92 | 5.78 |
| 23 51 16 00-0509 | EA | 4" Support Clamp For Polypropylene Flue/Vent | 29.75 | 6.30 |
| 23 51 16 00-0510 | EA | 5" Support Clamp For Polypropylene Flue/Vent | 36.47 | 6.55 |
| 23 51 16 00-0511 | EA | 3" Plastic Support Clamp For Polypropylene Flue/Vent | 22.53 | 6.07 |
| 23 51 16 00-0512 | EA | 2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent | 44.26 | 15.39 |
| 23 51 16 00-0513 | EA | 3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent | 48.93 | 16.20 |
| 23 51 16 00-0514 | EA | 4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent | 52.82 | 16.79 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 51 16 00-0515 | EA | 5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent | 59.22 | 17.48 |
| 23 51 16 00-0516 | EA | 2" Single Wall EDPM Gasket For Polypropylene Flue/Vent | 3.68 | |
| 23 51 16 00-0517 | EA | 3" Single Wall EDPM Gasket For Polypropylene Flue/Vent | 4.11 | |
| 23 51 16 00-0518 | EA | 4" Single Wall EDPM Gasket For Polypropylene Flue/Vent | 5.57 | |
| 23 51 16 00-0519 | EA | 5" Single Wall EDPM Gasket For Polypropylene Flue/Vent | 9.20 | |
| 23 51 16 00-0520 | EA | 2" Connector Ring For Polypropylene Flue/Vent | 13.57 | 3.85 |
| 23 51 16 00-0521 | EA | 3" Connector Ring For Polypropylene Flue/Vent | 15.42 | 4.05 |
| 23 51 16 00-0522 | EA | 4" Connector Ring For Polypropylene Flue/Vent | 16.63 | 4.20 |
| 23 51 16 00-0523 | EA | 5" Connector Ring For Polypropylene Flue/Vent | 18.45 | 4.37 |
| 23 51 16 00-0524 | EA | 2"/4" Polypropylene Flue/Vent Air Intake, White | 70.46 | 7.70 |
| 23 51 16 00-0525 | EA | 3"/5" Polypropylene Flue/Vent Air Intake, White | 72.21 | 8.10 |
| 23 51 16 00-0526 | EA | 4"/6" Polypropylene Flue/Vent Air Intake, White | 53.17 | 8.40 |
| 23 51 16 00-0527 | EA | 2" Base Support For Polypropylene Flue/Vent | 61.45 | 5.78 |
| 23 51 16 00-0528 | EA | 3" Base Support For Polypropylene Flue/Vent | 63.35 | 6.07 |
| 23 51 16 00-0529 | EA | 4" Base Support For Polypropylene Flue/Vent | 85.42 | 6.30 |
| 23 51 16 00-0530 | EA | 5" Base Support For Polypropylene Flue/Vent | 145.60 | 6.55 |

### 23 51 16 00-0531 Polypropylene Flue/Vent Flex Pipe *(23 51 16 00-0372)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0532 | LF | 2", Up To 50', Polypropylene Flue/Vent Flex Pipe | 11.02 | 1.35 |
| 23 51 16 00-0533 | LF | 2", > 50', Polypropylene Flue/Vent Flex Pipe | 9.50 | 1.35 |
| 23 51 16 00-0534 | LF | 3", Up To 50', Polypropylene Flue/Vent Flex Pipe | 13.56 | 1.59 |
| 23 51 16 00-0535 | LF | 3", > 50', Polypropylene Flue/Vent Flex Pipe | 11.64 | 1.59 |
| 23 51 16 00-0536 | LF | 4", Up To 50', Polypropylene Flue/Vent Flex Pipe | 19.63 | 1.97 |
| 23 51 16 00-0537 | LF | 4", > 50', Polypropylene Flue/Vent Flex Pipe | 16.69 | 1.97 |

### 23 51 16 00-0538 Polypropylene Flue/Vent Couplers *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0539 | EA | 2" Polypropylene Flue/Vent Coupler, Single Wall to Flex | 76.45 | 15.39 |
| 23 51 16 00-0540 | EA | 2" Polypropylene Flue/Vent Coupler, Flex to Single Wall | 86.01 | 15.39 |
| 23 51 16 00-0541 | EA | 3" Polypropylene Flue/Vent Coupler, Flex to Single Wall | 178.31 | 16.20 |
| 23 51 16 00-0542 | EA | 4" Polypropylene Flue/Vent Coupler, Flex to Single Wall | 328.48 | 16.79 |
| 23 51 16 00-0543 | EA | 2" Polypropylene Flue/Vent Coupler, Flex to Flex | 88.83 | 15.39 |
| 23 51 16 00-0544 | EA | 3" Polypropylene Flue/Vent Coupler, Flex to Flex | 213.26 | 16.20 |
| 23 51 16 00-0545 | EA | 4" Polypropylene Flue/Vent Coupler, Flex to Flex | 557.67 | 16.79 |

### 23 51 16 00-0546 Polypropylene Flue/Vent Flex End Terminations *(23 51 16 00-0372)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0547 | EA | 2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination | 101.53 | 15.39 |
| 23 51 16 00-0548 | EA | 3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination | 93.38 | 16.20 |
| 23 51 16 00-0549 | EA | 4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination | 116.17 | 16.79 |

### 23 51 16 00-0550 Aluminum Flue/Vent Fittings *(23 51 16)*

### 23 51 16 00-0551 Aluminum Vent Top Caps *(23 51 16 00-0550)*

| | | | | |
|---|---|---|---|---|
| 23 51 16 00-0552 | EA | 3" Aluminum Vent Cap (Star-Kap® 3-SK) | 97.04 | 15.26 |
| 23 51 16 00-0553 | EA | 4" Aluminum Vent Cap (Star-Kap® 4-SK) | 103.27 | 14.95 |
| 23 51 16 00-0554 | EA | 5" Aluminum Vent Cap (Star-Kap® 5-SK) | 112.12 | 15.66 |
| 23 51 16 00-0555 | EA | 6" Aluminum Vent Cap (Star-Kap® 6-SK) | 157.86 | 16.39 |
| 23 51 16 00-0556 | EA | 8" Aluminum Vent Cap (Star-Kap® 8-SK) | 176.60 | 18.22 |
| 23 51 16 00-0557 | EA | 10" Aluminum Vent Cap (Star-Kap® 10-SK) | 512.81 | 19.25 |
| 23 51 16 00-0558 | EA | 12" Aluminum Vent Cap (Star-Kap® 12-SK) | 525.36 | 20.48 |

## 23 52 Heating Boilers *(23 50)*

### 23 52 13 Electric Boilers *(23 52)*

### 23 52 13 00-0001 Packaged Electric Steam Boiler *(23 52 13)*

Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH gross rated output.

| | | | | |
|---|---|---|---|---|
| 23 52 13 00-0002 | EA | 12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls | 7,971.77 | 641.90 |
| 23 52 13 00-0003 | EA | 24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls | 8,608.09 | 748.88 |
| 23 52 13 00-0004 | EA | 36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls | 9,226.64 | 802.38 |
| 23 52 13 00-0005 | EA | 48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls | 10,261.40 | 855.87 |
| 23 52 13 00-0006 | EA | 60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls | 11,271.56 | 909.36 |
| 23 52 13 00-0007 | EA | 80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls | 13,147.35 | 1,016.35 |
| 23 52 13 00-0008 | EA | 100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls | 15,023.24 | 1,123.33 |
| 23 52 13 00-0009 | EA | 120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls | 15,644.36 | 1,176.82 |
| 23 52 13 00-0010 | EA | 140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls | 16,497.99 | 1,230.32 |
| 23 52 13 00-0011 | EA | 160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls | 21,510.53 | 1,337.29 |
| 23 52 13 00-0012 | EA | 180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls | 22,412.79 | 1,390.78 |
| 23 52 13 00-0013 | EA | 200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls | 23,294.71 | 1,437.73 |
| 23 52 13 00-0014 | EA | 220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls | 24,264.22 | 1,544.23 |
| 23 52 13 00-0015 | EA | 240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls | 26,177.25 | 1,650.73 |
| 23 52 13 00-0016 | EA | 260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls | 28,193.36 | 1,810.49 |
| 23 52 13 00-0017 | EA | 280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls | 29,980.30 | 1,863.73 |
| 23 52 13 00-0018 | EA | 300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls | 31,434.85 | 1,916.99 |
| 23 52 13 00-0019 | EA | 320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls | 33,407.45 | 1,970.23 |
| 23 52 13 00-0020 | EA | 360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls | 35,380.59 | 2,023.48 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 13 00-0021 | EA | 400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls | 37,857.12 | 2,129.98 |
| 23 52 13 00-0022 | EA | 460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls | 40,408.19 | 2,236.48 |
| 23 52 13 00-0023 | EA | 500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls | 42,906.02 | 2,289.73 |
| 23 52 13 00-0024 | EA | 600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls | 47,547.92 | 2,342.98 |
| 23 52 13 00-0025 | EA | 700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls | 51,209.46 | 2,449.48 |
| 23 52 13 00-0026 | EA | 756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls | 52,447.71 | 2,555.98 |
| 23 52 13 00-0027 | EA | 828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls | 57,662.41 | 2,715.72 |
| 23 52 13 00-0028 | EA | 936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls | 59,538.51 | 2,875.48 |
| 23 52 13 00-0029 | EA | 1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls | 61,521.12 | 3,035.22 |
| 23 52 13 00-0030 | EA | 1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls | 65,338.94 | 3,194.98 |
| 23 52 13 00-0031 | EA | 1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls | 67,036.01 | 3,301.48 |
| 23 52 13 00-0032 | EA | 1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls | 69,263.27 | 3,514.47 |
| 23 52 13 00-0033 | EA | 1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls | 71,633.30 | 3,727.47 |
| 23 52 13 00-0034 | EA | 1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls | 78,244.85 | 3,940.47 |
| 23 52 13 00-0035 | EA | 1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls | 82,488.67 | 4,153.47 |
| 23 52 13 00-0036 | | Packaged Electric Hot Water Boiler *(23 52 13)*<br>Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH gross rated output. | | |
| 23 52 13 00-0037 | EA | 9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls | 7,005.44 | 588.41 |
| 23 52 13 00-0038 | EA | 12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls | 7,371.28 | 641.90 |
| 23 52 13 00-0039 | EA | 18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls | 7,737.12 | 695.39 |
| 23 52 13 00-0040 | EA | 24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls | 8,096.49 | 748.88 |
| 23 52 13 00-0041 | EA | 36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls | 8,514.44 | 802.38 |
| 23 52 13 00-0042 | EA | 48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls | 8,816.26 | 855.87 |
| 23 52 13 00-0043 | EA | 60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls | 9,182.10 | 909.36 |
| 23 52 13 00-0044 | EA | 72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls | 9,730.86 | 962.85 |
| 23 52 13 00-0045 | EA | 84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls | 10,227.17 | 1,016.35 |
| 23 52 13 00-0046 | EA | 90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls | 10,519.84 | 1,069.84 |
| 23 52 13 00-0047 | EA | 105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls | 11,302.04 | 1,123.33 |
| 23 52 13 00-0048 | EA | 120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls | 12,044.67 | 1,176.82 |
| 23 52 13 00-0049 | EA | 135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls | 13,392.62 | 1,230.32 |
| 23 52 13 00-0050 | EA | 150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls | 14,285.14 | 1,283.81 |
| 23 52 13 00-0051 | EA | 165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls | 15,025.90 | 1,337.29 |
| 23 52 13 00-0052 | EA | 180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls | 16,286.66 | 1,390.78 |
| 23 52 13 00-0053 | EA | 195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls | 17,536.71 | 1,437.73 |
| 23 52 13 00-0054 | EA | 225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls | 18,850.48 | 1,544.23 |
| 23 52 13 00-0055 | EA | 240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls | 20,279.89 | 1,650.73 |
| 23 52 13 00-0056 | EA | 270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls | 21,700.16 | 1,810.49 |
| 23 52 13 00-0057 | EA | 300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls | 23,129.58 | 1,916.99 |
| 23 52 13 00-0058 | EA | 330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls | 24,462.65 | 2,023.48 |
| 23 52 13 00-0059 | EA | 360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls | 26,328.23 | 2,076.73 |
| 23 52 13 00-0060 | EA | 390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls | 28,056.21 | 2,129.98 |
| 23 52 13 00-0061 | EA | 420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls | 29,711.03 | 2,236.48 |
| 23 52 13 00-0062 | EA | 450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls | 31,448.19 | 2,236.48 |
| 23 52 13 00-0063 | EA | 504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls | 34,451.69 | 2,289.73 |
| 23 52 13 00-0064 | EA | 612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls | 36,049.51 | 2,342.98 |
| 23 52 13 00-0065 | EA | 684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls | 38,061.52 | 2,449.48 |
| 23 52 13 00-0066 | EA | 720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls | 39,585.65 | 2,502.73 |
| 23 52 13 00-0067 | EA | 750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls | 41,115.21 | 2,555.98 |
| 23 52 13 00-0068 | EA | 810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls | 42,259.85 | 2,715.72 |
| 23 52 13 00-0069 | EA | 900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls | 44,331.33 | 2,875.48 |
| 23 52 13 00-0070 | EA | 1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls | 51,592.67 | 3,035.22 |
| 23 52 13 00-0071 | EA | 1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls | 56,605.98 | 3,194.98 |
| 23 52 13 00-0072 | EA | 1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls | 58,804.22 | 3,301.48 |
| 23 52 13 00-0073 | EA | 1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls | 61,250.47 | 3,514.47 |
| 23 52 13 00-0074 | EA | 1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls | 63,696.72 | 3,727.47 |
| 23 52 13 00-0075 | EA | 1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls | 70,601.34 | 3,940.47 |
| 23 52 13 00-0076 | EA | 1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls | 75,051.57 | 4,153.47 |
| 23 52 13 00-0077 | EA | 1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls | 76,949.06 | 4,259.97 |
| 23 52 13 00-0078 | EA | 1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls | 78,846.55 | 4,366.47 |
| 23 52 13 00-0079 | EA | 1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls | 79,272.55 | 4,526.21 |
| 23 52 13 00-0080 | EA | 2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls | 85,109.72 | 4,632.71 |
| 23 52 13 00-0081 | EA | 2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls | 89,011.20 | 4,792.46 |
| 23 52 13 00-0082 | EA | 2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls | 95,563.79 | 5,111.96 |
| 23 52 13 00-0083 | EA | 2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls | 102,983.42 | 5,644.46 |
| 23 52 13 00-0084 | EA | 3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls | 111,514.38 | 6,283.45 |
| 23 52 13 00-0085 | EA | 3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls | 118,066.97 | 6,922.45 |

## 23 52 16 Condensing Boilers *(23 52)*

### 23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

| | | | | |
|---|---|---|---|---|
| 23 52 16 13-0001 | | Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)*<br>Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code). Rated by gross rated output. | | |
| 23 52 16 13-0002 | EA | 75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79) | 14,822.41 | 427.94 |
| 23 52 16 13-0003 | EA | 127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129) | 15,586.24 | 570.01 |
| 23 52 16 13-0004 | EA | 168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179) | 16,597.51 | 641.79 |
| 23 52 16 13-0005 | EA | 187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1) | 17,596.38 | 677.53 |
| 23 52 16 13-0006 | EA | 281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299) | 23,305.36 | 784.51 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 16 13-0007 | EA | 374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399) | 27,013.53 | 855.76 |
| 23 52 16 13-0008 | EA | 589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599) | 36,607.49 | 998.37 |
| 23 52 16 13-0009 | EA | 785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798)<br>Note: Includes vent manifold. | 51,068.22 | 1,141.09 |
| 23 52 16 13-0010 | EA | 980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998)<br>Note: Includes vent manifold. | 62,559.04 | 1,248.07 |
| 23 52 16 13-0011 | EA | 1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499) | 90,567.71 | 1,461.93 |
| 23 52 16 13-0012 | EA | 1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999) | 99,836.54 | 1,568.92 |
| **23 52 16 13-0013** | | **Buderus SB615 Stainless Steel Condensing Boilers** *(23 52 16 13)*<br>Note: Includes Riello burners. Rated by gross rated output. | | |
| 23 52 16 13-0014 | EA | 484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145) | 43,616.03 | 927.12 |
| 23 52 16 13-0015 | EA | 612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185) | 45,828.06 | 998.37 |
| 23 52 16 13-0016 | EA | 791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240) | 50,737.58 | 1,141.09 |
| 23 52 16 13-0017 | EA | 1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310) | 55,161.65 | 1,283.69 |
| 23 52 16 13-0018 | EA | 1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400) | 61,698.80 | 1,390.68 |
| 23 52 16 13-0019 | EA | 1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510) | 70,505.03 | 1,461.93 |
| 23 52 16 13-0020 | EA | 2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640) | 83,674.35 | 1,568.92 |
| **23 52 16 13-0021** | | **Buderus SB735 Stainless Steel Condensing Boilers** *(23 52 16 13)*<br>Note: Includes Riello burners. Rated by gross rated output. | | |
| 23 52 16 13-0022 | EA | 2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790) | 93,164.88 | 1,711.53 |
| 23 52 16 13-0023 | EA | 3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970) | 108,050.46 | 1,782.89 |
| 23 52 16 13-0024 | EA | 4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200) | 125,361.13 | 1,854.24 |
| **23 52 16 13-0025** | | **Lochinvar Knight Stainless Steel Condensing Boilers** *(23 52 16 13)*<br>Note: Rated by gross rated output. | | |
| 23 52 16 13-0026 | EA | 165 MBH 95.7% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211) | 12,263.07 | 641.79 |
| 23 52 16 13-0027 | EA | 226 MBH 96% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN286) | 16,111.12 | 713.15 |
| **23 52 16 13-0028** | | **Lochinvar Knight XL Stainless Steel Condensing Boilers** *(23 52 16 13)*<br>Note: Rated by gross rated output. | | |
| 23 52 16 13-0029 | EA | 324 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN400) | 21,561.52 | 820.14 |
| 23 52 16 13-0030 | EA | 406 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN501) | 26,611.24 | 855.76 |
| 23 52 16 13-0031 | EA | 493 MBH 94.6% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN601) | 31,319.17 | 927.12 |
| 23 52 16 13-0032 | EA | 574 MBH 94.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN701) | 36,116.25 | 962.75 |
| 23 52 16 13-0033 | EA | 654 MBH 94% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN801) | 41,480.06 | 1,034.11 |
| **23 52 16 13-0034** | | **Lochinvar SYNC Stainless Steel Condensing Boilers** *(23 52 16 13)*<br>Note: Rated by gross rated output. | | |
| 23 52 16 13-0035 | EA | 941 MBH 94.1% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1000) | 56,945.44 | 1,248.07 |
| 23 52 16 13-0036 | EA | 1,240 MBH 95.4% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1300) | 64,900.16 | 1,354.95 |
| 23 52 16 13-0037 | EA | 1,443 MBH 96.2% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1500) | 69,696.24 | 1,461.93 |
| **23 52 16 13-0038** | | **Lochinvar Crest Stainless Steel Condensing Boilers** *(23 52 16 13)*<br>Note: Rated by gross rated output. | | |
| 23 52 16 13-0039 | EA | 1,380 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1500) | 69,290.84 | 1,390.68 |
| 23 52 16 13-0040 | EA | 1,840 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2000) | 83,163.29 | 1,568.92 |
| 23 52 16 13-0041 | EA | 2,300 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2500) | 108,483.17 | 1,640.27 |
| 23 52 16 13-0042 | EA | 2,760 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3000) | 119,680.98 | 1,711.53 |
| 23 52 16 13-0043 | EA | 3,220 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3500) | 142,647.19 | 1,782.89 |
| **23 52 16 13-0044** | | **Laars Neotherm Stainless Steel Condensing Boiler** *(23 52 16 13)*<br>Note: Compliant with SCAQMD. Rated by gross rated input. | | |
| 23 52 16 13-0045 | EA | 80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080) | 7,593.94 | 463.56 |
| 23 52 16 13-0046 | EA | 105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105) | 8,669.86 | 534.91 |
| 23 52 16 13-0047 | EA | 150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150) | 9,723.02 | 641.79 |
| 23 52 16 13-0048 | EA | 210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210) | 10,828.07 | 713.15 |
| 23 52 16 13-0049 | EA | 285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285) | 13,598.89 | 784.51 |
| 23 52 16 13-0050 | EA | 399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399) | 17,731.11 | 855.76 |
| 23 52 16 13-0051 | EA | 500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500) | 21,281.05 | 927.12 |
| 23 52 16 13-0052 | EA | 600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600) | 23,617.91 | 998.37 |
| 23 52 16 13-0053 | EA | 750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750) | 25,651.49 | 1,069.73 |
| 23 52 16 13-0054 | EA | 850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850) | 27,899.05 | 1,212.33 |
| 23 52 16 13-0055 | EA | 1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000) | 39,609.94 | 1,283.69 |
| 23 52 16 13-0056 | EA | 1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700) | 52,614.47 | 1,497.66 |
| 23 52 16 13-0057 | EA | 150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150) | 17,537.17 | 641.79 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 16 13-0058 | EA | 199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199) | 20,334.40 | 855.87 |
| 23 52 16 13-0059 | EA | 285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285) | 26,619.47 | 962.85 |
| 23 52 16 13-0060 | EA | 399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399) | 33,428.20 | 1,176.82 |
| 23 52 16 13-0061 | EA | 500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500) | 39,496.80 | 1,283.81 |
| 23 52 16 13-0062 | EA | 600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600) | 44,664.68 | 1,390.78 |
| 23 52 16 13-0063 | EA | 750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750) | 53,618.89 | 1,497.77 |
| 23 52 16 13-0064 | EA | 850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850) | 59,424.77 | 1,604.75 |
| 23 52 16 13-0065 | EA | 1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000) | 78,158.79 | 1,711.74 |
| 23 52 16 13-0066 | EA | 1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700) | 105,066.51 | 2,246.65 |
| 23 52 16 13-0067 | | AERCO Benchmark Stainless-Steel Condensing Boilers *(23 52 16 13)* | | |
| | | Note: Rated by gross rated output. | | |
| 23 52 16 13-0068 | EA | 1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN) | 57,661.83 | 1,461.93 |
| | | Note: Includes gas PRV and pump delay relay. | | |
| 23 52 16 13-0069 | EA | 2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN) | 68,548.14 | 1,568.92 |
| | | Note: Includes gas PRV and pump delay relay. | | |
| 23 52 16 13-0070 | EA | 3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) | 98,934.87 | 1,747.26 |
| | | Note: Includes gas PRV and pump delay relay. | | |
| 23 52 16 13-0071 | EA | 3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) | 105,496.79 | 1,747.26 |
| | | Note: Includes gas PRV and pump delay relay. | | |
| **23 52 16 16** | | **Aluminum Condensing Boilers** *(23 52 16)* | | |
| 23 52 16 16-0001 | | Weil McLain Aluminum Condensing Boilers *(23 52 16 16)* | | |
| | | Note: Rated by gross rated output. | | |
| 23 52 16 16-0002 | EA | 80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) | 8,022.63 | 463.56 |
| | | Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump. | | |
| 23 52 16 16-0003 | EA | 105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) | 8,840.41 | 534.91 |
| | | Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump. | | |
| 23 52 16 16-0004 | EA | 155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) | 9,966.45 | 641.79 |
| | | Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump. | | |
| 23 52 16 16-0005 | EA | 230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) | 11,186.77 | 713.15 |
| | | Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump. | | |
| 23 52 16 16-0006 | EA | 310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) | 14,526.76 | 820.14 |
| | | Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump. | | |
| 23 52 16 16-0007 | | Patterson Kelly Mach Series Aluminum Condensing Boilers *(23 52 16 16)* | | |
| | | Note: Rated by gross rated output. | | |
| 23 52 16 16-0008 | EA | 300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C300) | 23,367.00 | 784.51 |
| 23 52 16 16-0009 | EA | 450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C450) | 26,309.45 | 891.50 |
| 23 52 16 16-0010 | EA | 750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C750) | 29,716.61 | 1,069.73 |
| 23 52 16 16-0011 | EA | 900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C900) | 44,333.02 | 1,212.33 |
| 23 52 16 16-0012 | EA | 1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1050) | 46,297.34 | 1,283.69 |
| 23 52 16 16-0013 | EA | 1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1500) | 72,265.60 | 1,461.93 |
| 23 52 16 16-0014 | EA | 2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2000) | 78,266.00 | 1,568.92 |
| 23 52 16 16-0015 | EA | 2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2500) | 90,688.96 | 1,711.53 |
| 23 52 16 16-0016 | EA | 3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C3000) | 112,588.86 | 1,747.26 |
| 23 52 16 16-0017 | EA | 4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C4000) | 137,668.41 | 1,854.24 |
| 23 52 16 16-0018 | | Buderus GB142 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* | | |
| | | Note: Includes standard controls. Rated by gross rated output. | | |
| 23 52 16 16-0019 | EA | 75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) | 9,635.73 | 427.94 |
| | | Note: Includes an aluminum heat exchanger and three speed circulating pump. | | |
| 23 52 16 16-0020 | EA | 95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) | 11,186.18 | 499.18 |
| | | Note: Includes an aluminum heat exchanger and three speed circulating pump. | | |
| 23 52 16 16-0021 | EA | 143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) | 12,839.17 | 606.17 |
| | | Note: Includes an aluminum heat exchanger and three speed circulating pump. | | |
| 23 52 16 16-0022 | EA | 193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) | 14,027.76 | 677.53 |
| | | Note: Includes an aluminum heat exchanger and three speed circulating pump. | | |
| 23 52 16 16-0023 | EA | Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46) | 398.24 | 106.98 |
| 23 52 16 16-0024 | EA | Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3) | 551.42 | 106.98 |
| 23 52 16 16-0025 | EA | Optional GB Floor Stand For GB142 (Buderus 7098265) | 1,288.49 | 106.98 |
| 23 52 16 16-0026 | | Buderus GB162 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* | | |
| | | Note: Includes standard controls. Rated by gross rated output. | | |
| 23 52 16 16-0027 | EA | 290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) | 13,128.06 | 784.51 |
| | | Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions. | | |
| 23 52 16 16-0028 | EA | 333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) | 16,331.14 | 820.14 |
| | | Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions. | | |
| 23 52 16 16-0029 | EA | 580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) | 32,104.79 | 962.75 |
| | | Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 16 16-0030 | EA | 580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2)<br>Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 29,944.81 | 962.75 |
| 23 52 16 16-0031 | EA | 666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2)<br>Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 38,510.95 | 1,034.11 |
| 23 52 16 16-0032 | EA | 666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2)<br>Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 36,350.96 | 1,034.11 |
| 23 52 16 16-0033 | EA | 870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3)<br>Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 44,764.55 | 1,212.33 |
| 23 52 16 16-0034 | EA | 999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3)<br>Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 54,266.81 | 1,283.69 |
| 23 52 16 16-0035 | EA | 1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4)<br>Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 55,746.53 | 1,354.95 |
| 23 52 16 16-0036 | EA | 1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4)<br>Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 56,611.61 | 1,354.95 |
| 23 52 16 16-0037 | EA | 1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4)<br>Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 68,237.90 | 1,390.68 |
| 23 52 16 16-0038 | EA | 1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4)<br>Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package. | 69,102.98 | 1,390.68 |
| 23 52 16 16-0039 | EA | EMS Control Module For Condensing Boiler (Buderus RC35) | 897.40 | 106.98 |
| 23 52 16 16-0040 | | Buderus GB312 Aluminum Condensing Boilers *(23 52 16 16)*<br>Note: Includes standard controls. Rated by gross rated output. | | |
| 23 52 16 16-0041 | EA | 305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90)<br>Note: Includes an aluminum heat exchanger. | 26,286.05 | 784.51 |
| 23 52 16 16-0042 | EA | 409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120)<br>Note: Includes an aluminum heat exchanger. | 28,919.90 | 855.76 |
| 23 52 16 16-0043 | EA | 544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160)<br>Note: Includes an aluminum heat exchanger. | 34,404.54 | 944.88 |
| 23 52 16 16-0044 | EA | 676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200)<br>Note: Includes an aluminum heat exchanger. | 39,644.95 | 1,034.11 |
| 23 52 16 16-0045 | EA | 810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240)<br>Note: Includes an aluminum heat exchanger. | 47,602.97 | 1,141.09 |
| 23 52 16 16-0046 | EA | 944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280)<br>Note: Includes an aluminum heat exchanger. | 52,586.08 | 1,248.07 |
| 23 52 16 16-0047 | EA | Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985) | 773.00 | 53.49 |
| 23 52 16 16-0048 | EA | Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125) | 351.19 | 53.49 |
| 23 52 16 16-0049 | EA | Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550) | 522.13 | 53.49 |
| 23 52 16 16-0050 | EA | Optional Condensate Neutralization Tank For GB312 (Buderus 63035899) | 1,157.08 | 53.49 |
| **23 52 16 19** | | **Copper Water-Tube Condensing Boilers** *(23 52 16)* | | |
| 23 52 16 19-0001 | | Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)*<br>Note: Rated by gross rated output. | | |
| 23 52 16 19-0002 | EA | 1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+) | 54,233.28 | 1,354.95 |
| 23 52 16 19-0003 | EA | 1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+) | 61,172.80 | 1,497.66 |
| 23 52 16 19-0004 | EA | 2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+) | 66,994.87 | 1,568.92 |
| 23 52 16 19-0005 | EA | 2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+) | 72,338.17 | 1,640.27 |
| **23 52 16 23** | | **Cast Iron Condensing Boilers** *(23 52 16)* | | |
| 23 52 16 23-0001 | | Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)*<br>Note: Rated by gross rated output. | | |
| 23 52 16 23-0002 | EA | 199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2) | 18,129.63 | 677.53 |
| 23 52 16 23-0003 | EA | 399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4) | 26,618.34 | 855.76 |
| 23 52 16 23-0004 | EA | 600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6) | 44,003.68 | 998.37 |
| 23 52 16 23-0005 | EA | 1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10) | 57,775.72 | 1,283.69 |
| 23 52 16 23-0006 | EA | 1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16) | 77,145.60 | 1,497.66 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 16 23-0007 | EA | 1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20) | 84,189.97 | 1,568.92 |
| 23 52 16 23-0008 | EA | 2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26) | 107,319.09 | 1,711.53 |
| 23 52 16 23-0009 | EA | 3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30) | 117,376.58 | 1,747.26 |

## 23 52 23 Cast-Iron Boilers *(23 52)*

### 23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler *(23 52 23)*

Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

### 23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

| | | | | |
|---|---|---|---|---|
| 23 52 23 00-0003 | EA | 209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380)<br>Note: Includes field assembly of individual sections and testing. | 14,277.81 | 2,572.63 |
| 23 52 23 00-0004 | EA | 297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480)<br>Note: Includes field assembly of individual sections and testing. | 15,691.60 | 2,744.14 |
| 23 52 23 00-0005 | EA | 386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580)<br>Note: Includes field assembly of individual sections and testing. | 17,245.47 | 2,915.65 |
| 23 52 23 00-0006 | EA | 476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680)<br>Note: Includes field assembly of individual sections and testing. | 18,685.64 | 3,087.16 |
| 23 52 23 00-0007 | EA | 565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780)<br>Note: Includes field assembly of individual sections and testing. | 20,010.49 | 3,258.66 |
| 23 52 23 00-0008 | EA | 654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880)<br>Note: Includes field assembly of individual sections and testing. | 21,849.41 | 3,430.17 |
| 23 52 23 00-0009 | EA | 743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980)<br>Note: Includes field assembly of individual sections and testing. | 23,255.11 | 3,601.68 |
| 23 52 23 00-0010 | EA | 833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080)<br>Note: Includes field assembly of individual sections and testing. | 24,356.77 | 3,773.19 |
| 23 52 23 00-0011 | EA | 922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180)<br>Note: Includes field assembly of individual sections and testing. | 25,454.20 | 3,944.70 |
| 23 52 23 00-0012 | EA | 1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280)<br>Note: Includes field assembly of individual sections and testing. | 26,732.08 | 4,116.21 |

### 23 52 23 00-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 52 23 00-0014 | EA | 209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380)<br>Note: Fire tested factory assembled package unit. | 11,314.11 | 426.00 |
| 23 52 23 00-0015 | EA | 297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480)<br>Note: Fire tested factory assembled package unit. | 12,578.47 | 426.00 |
| 23 52 23 00-0016 | EA | 386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580)<br>Note: Fire tested factory assembled package unit. | 14,411.33 | 532.50 |
| 23 52 23 00-0017 | EA | 476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680)<br>Note: Fire tested factory assembled package unit. | 15,700.52 | 532.50 |
| 23 52 23 00-0018 | EA | 565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780)<br>Note: Fire tested factory assembled package unit. | 17,304.58 | 639.00 |
| 23 52 23 00-0019 | EA | 654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880)<br>Note: Fire tested factory assembled package unit. | 19,009.56 | 639.00 |
| 23 52 23 00-0020 | EA | 743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980)<br>Note: Fire tested factory assembled package unit. | 20,692.07 | 745.49 |
| 23 52 23 00-0021 | EA | 833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080)<br>Note: Fire tested factory assembled package unit. | 22,071.23 | 851.99 |
| 23 52 23 00-0022 | EA | 922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180)<br>Note: Fire tested factory assembled package unit. | 23,021.78 | 851.99 |
| 23 52 23 00-0023 | EA | 1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280)<br>Note: Fire tested factory assembled package unit. | 24,574.84 | 958.49 |

### 23 52 23 00-0024 Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

| | | | | |
|---|---|---|---|---|
| 23 52 23 00-0025 | EA | 209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380)<br>Note: Includes field assembly of individual sections and testing. | 15,016.55 | 2,572.63 |
| 23 52 23 00-0026 | EA | 297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 16,562.39 | 2,744.14 |
| 23 52 23 00-0027 | EA | 386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 18,036.51 | 2,915.65 |
| 23 52 23 00-0028 | EA | 476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 19,691.11 | 3,087.16 |
| 23 52 23 00-0029 | EA | 565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 21,043.41 | 3,258.66 |
| 23 52 23 00-0030 | EA | 654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 23,049.69 | 3,430.17 |
| 23 52 23 00-0031 | EA | 743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 24,285.41 | 3,601.68 |
| 23 52 23 00-0032 | EA | 833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 25,485.15 | 3,773.19 |
| 23 52 23 00-0033 | EA | 922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 26,583.88 | 3,944.70 |
| 23 52 23 00-0034 | EA | 1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler<br>Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing. | 27,897.06 | 4,116.21 |

### 23 52 23 00-0035 Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 52 23 00-0036 | EA | 209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380)<br>Note: Fire tested factory assembled package cast iron unit. | 12,052.85 | 426.00 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 23 00-0037 | EA | 297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480)<br>Note: Fire tested factory assembled package cast iron unit. | 13,449.26 | 426.00 |
| 23 52 23 00-0038 | EA | 386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580)<br>Note: Fire tested factory assembled package cast iron unit. | 15,202.36 | 532.50 |
| 23 52 23 00-0039 | EA | 476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680)<br>Note: Fire tested factory assembled package cast iron unit. | 16,705.99 | 532.50 |
| 23 52 23 00-0040 | EA | 565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780)<br>Note: Fire tested factory assembled package cast iron unit. | 18,337.50 | 639.00 |
| 23 52 23 00-0041 | EA | 654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880)<br>Note: Fire tested factory assembled package cast iron unit. | 20,209.84 | 639.00 |
| 23 52 23 00-0042 | EA | 743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980)<br>Note: Fire tested factory assembled package cast iron unit. | 21,722.38 | 745.49 |
| 23 52 23 00-0043 | EA | 833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080)<br>Note: Fire tested factory assembled package cast iron unit. | 23,199.60 | 851.99 |
| 23 52 23 00-0044 | EA | 922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180)<br>Note: Fire tested factory assembled package cast iron unit. | 24,151.46 | 851.99 |
| 23 52 23 00-0045 | EA | 1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280)<br>Note: Fire tested factory assembled package cast iron unit. | 25,739.83 | 958.49 |
| 23 52 23 00-0046 | | Weil-McLain Model 88 Cast Iron Boiler *(23 52 23)*<br>Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad. | | |
| 23 52 23 00-0047 | | Gas Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*<br>Note: Field assembled boilers can only be used in situations where package units cannot be installed. | | |
| 23 52 23 00-0048 | EA | 629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488)<br>Note: Includes field assembly of individual sections and testing. | 23,709.52 | 3,858.95 |
| 23 52 23 00-0049 | EA | 845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588)<br>Note: Includes field assembly of individual sections and testing. | 26,311.11 | 4,094.77 |
| 23 52 23 00-0050 | EA | 1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688)<br>Note: Includes field assembly of individual sections and testing. | 29,553.43 | 4,330.59 |
| 23 52 23 00-0051 | EA | 1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788)<br>Note: Includes field assembly of individual sections and testing. | 32,399.20 | 4,566.42 |
| 23 52 23 00-0052 | EA | 1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888)<br>Note: Includes field assembly of individual sections and testing. | 34,861.25 | 4,802.24 |
| 23 52 23 00-0053 | EA | 1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988)<br>Note: Includes field assembly of individual sections and testing. | 38,471.13 | 5,038.07 |
| 23 52 23 00-0054 | EA | 1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088)<br>Note: Includes field assembly of individual sections and testing. | 40,957.34 | 5,273.89 |
| 23 52 23 00-0055 | EA | 2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188)<br>Note: Includes field assembly of individual sections and testing. | 43,146.00 | 5,509.72 |
| 23 52 23 00-0056 | EA | 2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288)<br>Note: Includes field assembly of individual sections and testing. | 46,099.23 | 5,745.54 |
| 23 52 23 00-0057 | EA | 2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388)<br>Note: Includes field assembly of individual sections and testing. | 48,456.33 | 5,981.36 |
| 23 52 23 00-0058 | EA | 2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488)<br>Note: Includes field assembly of individual sections and testing. | 52,105.91 | 6,217.19 |
| 23 52 23 00-0059 | EA | 3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588)<br>Note: Includes field assembly of individual sections and testing. | 54,344.14 | 6,453.01 |
| 23 52 23 00-0060 | EA | 3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688)<br>Note: Includes field assembly of individual sections and testing. | 56,723.98 | 6,688.84 |
| 23 52 23 00-0061 | EA | 3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788)<br>Note: Includes field assembly of individual sections and testing. | 59,386.09 | 6,924.66 |
| 23 52 23 00-0062 | EA | 3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888)<br>Note: Includes field assembly of individual sections and testing. | 61,534.86 | 7,160.48 |
| 23 52 23 00-0063 | | Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* | | |
| 23 52 23 00-0064 | EA | 629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488)<br>Note: Fire tested factory assembled package unit. | 20,710.37 | 745.49 |
| 23 52 23 00-0065 | EA | 845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588)<br>Note: Fire tested factory assembled package unit. | 23,489.86 | 851.99 |
| 23 52 23 00-0066 | EA | 1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688)<br>Note: Fire tested factory assembled package unit. | 26,925.73 | 958.49 |
| 23 52 23 00-0067 | EA | 1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788)<br>Note: Fire tested factory assembled package unit. | 29,936.65 | 1,064.99 |
| 23 52 23 00-0068 | EA | 1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888)<br>Note: Fire tested factory assembled package unit. | 32,148.95 | 1,064.99 |
| 23 52 23 00-0069 | EA | 1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988)<br>Note: Fire tested factory assembled package unit. | 35,940.43 | 1,171.49 |
| 23 52 23 00-0070 | EA | 1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088)<br>Note: Fire tested factory assembled package unit. | 38,180.18 | 1,171.49 |
| 23 52 23 00-0071 | EA | 2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188)<br>Note: Fire tested factory assembled package unit. | 40,546.52 | 1,277.99 |
| 23 52 23 00-0072 | EA | 2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288)<br>Note: Fire tested factory assembled package unit. | 43,254.35 | 1,277.99 |
| 23 52 23 00-0073 | EA | 2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388)<br>Note: Fire tested factory assembled package unit. | 45,789.38 | 1,384.49 |
| 23 52 23 00-0074 | EA | 2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488)<br>Note: Fire tested factory assembled package unit. | 48,244.60 | 1,490.99 |
| 23 52 23 00-0075 | EA | 3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588)<br>Note: Fire tested factory assembled package unit. | 50,237.23 | 1,490.99 |
| 23 52 23 00-0076 | EA | 3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688)<br>Note: Fire tested factory assembled package unit. | 52,795.74 | 1,597.49 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 23 00-0077 | EA | 3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788)<br>Note: Fire tested factory assembled package unit. | 55,210.69 | 1,597.49 |
| 23 52 23 00-0078 | EA | 3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888)<br>Note: Fire tested factory assembled package unit. | 57,565.19 | 1,703.99 |
| **23 52 23 00-0079** | | **Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*<br>Note: Field assembled boilers can only be used in situations where package units cannot be installed. | | |
| 23 52 23 00-0080 | EA | 629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488)<br>Note: Includes field assembly of individual sections and testing. | 24,619.54 | 3,858.95 |
| 23 52 23 00-0081 | EA | 845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588)<br>Note: Includes field assembly of individual sections and testing. | 27,215.90 | 4,094.77 |
| 23 52 23 00-0082 | EA | 1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688)<br>Note: Includes field assembly of individual sections and testing. | 30,693.57 | 4,330.59 |
| 23 52 23 00-0083 | EA | 1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788)<br>Note: Includes field assembly of individual sections and testing. | 33,654.40 | 4,566.42 |
| 23 52 23 00-0084 | EA | 1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888)<br>Note: Includes field assembly of individual sections and testing. | 35,988.31 | 4,802.24 |
| 23 52 23 00-0085 | EA | 1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988)<br>Note: Includes field assembly of individual sections and testing. | 39,527.59 | 5,038.07 |
| 23 52 23 00-0086 | EA | 1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088)<br>Note: Includes field assembly of individual sections and testing. | 42,543.34 | 5,273.89 |
| 23 52 23 00-0087 | EA | 2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188)<br>Note: Includes field assembly of individual sections and testing. | 44,732.00 | 5,509.72 |
| 23 52 23 00-0088 | EA | 2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288)<br>Note: Includes field assembly of individual sections and testing. | 47,653.84 | 5,745.54 |
| 23 52 23 00-0089 | EA | 2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388)<br>Note: Includes field assembly of individual sections and testing. | 50,679.08 | 5,981.36 |
| 23 52 23 00-0090 | EA | 2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488)<br>Note: Includes field assembly of individual sections and testing. | 54,441.10 | 6,217.19 |
| 23 52 23 00-0091 | EA | 3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588)<br>Note: Includes field assembly of individual sections and testing. | 57,465.14 | 6,453.01 |
| 23 52 23 00-0092 | EA | 3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688)<br>Note: Includes field assembly of individual sections and testing. | 59,057.87 | 6,688.84 |
| 23 52 23 00-0093 | EA | 3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788)<br>Note: Includes field assembly of individual sections and testing. | 61,649.38 | 6,924.66 |
| 23 52 23 00-0094 | EA | 3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888)<br>Note: Includes field assembly of individual sections and testing. | 63,822.98 | 7,160.48 |
| **23 52 23 00-0095** | | **Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)* | | |
| 23 52 23 00-0096 | EA | 629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488)<br>Note: Fire tested factory assembled package cast iron unit. | 21,620.39 | 745.49 |
| 23 52 23 00-0097 | EA | 845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588)<br>Note: Fire tested factory assembled package cast iron unit. | 24,394.65 | 851.99 |
| 23 52 23 00-0098 | EA | 1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688)<br>Note: Fire tested factory assembled package cast iron unit. | 28,052.79 | 958.49 |
| 23 52 23 00-0099 | EA | 1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788)<br>Note: Fire tested factory assembled package cast iron unit. | 31,191.85 | 1,064.99 |
| 23 52 23 00-0100 | EA | 1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888)<br>Note: Fire tested factory assembled package cast iron unit. | 33,278.63 | 1,064.99 |
| 23 52 23 00-0101 | EA | 1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988)<br>Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit. | 36,996.89 | 1,171.49 |
| 23 52 23 00-0102 | EA | 1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088)<br>Note: Fire tested factory assembled package cast iron unit. | 39,766.17 | 1,171.49 |
| 23 52 23 00-0103 | EA | 2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188)<br>Note: Fire tested factory assembled package cast iron unit. | 42,132.52 | 1,277.99 |
| 23 52 23 00-0104 | EA | 2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288)<br>Note: Fire tested factory assembled package cast iron unit. | 44,808.97 | 1,277.99 |
| 23 52 23 00-0105 | EA | 2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388)<br>Note: Fire tested factory assembled package cast iron unit. | 48,018.67 | 1,384.49 |
| 23 52 23 00-0106 | EA | 2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488)<br>Note: Fire tested factory assembled package cast iron unit. | 50,579.79 | 1,490.99 |
| 23 52 23 00-0107 | EA | 3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588)<br>Note: Fire tested factory assembled package cast iron unit. | 52,050.73 | 1,490.99 |
| 23 52 23 00-0108 | EA | 3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688)<br>Note: Fire tested factory assembled package cast iron unit. | 55,129.63 | 1,597.49 |
| 23 52 23 00-0109 | EA | 3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788)<br>Note: Fire tested factory assembled package cast iron unit. | 57,473.97 | 1,597.49 |
| 23 52 23 00-0110 | EA | 3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888)<br>Note: Fire tested factory assembled package cast iron unit. | 59,827.17 | 1,703.99 |
| **23 52 23 00-0111** | | **Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23)*<br>Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls.<br>Excludes flue piping, fuel piping, boiler base or pad. | | |
| **23 52 23 00-0112** | | **Gas Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*<br>Note: Field assembled boilers can only be used in situations where package units cannot be installed. | | |
| 23 52 23 00-0113 | EA | 1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894)<br>Note: Includes field assembly of individual sections and testing. | 66,968.50 | 7,503.51 |
| 23 52 23 00-0114 | EA | 1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994)<br>Note: Includes field assembly of individual sections and testing. | 72,744.00 | 7,932.27 |
| 23 52 23 00-0115 | EA | 2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094)<br>Note: Includes field assembly of individual sections and testing. | 78,002.10 | 8,361.05 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 23 00-0116 | EA | 2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194)<br>Note: Includes field assembly of individual sections and testing. | 83,146.94 | 8,789.82 |
| 23 52 23 00-0117 | EA | 2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294)<br>Note: Includes field assembly of individual sections and testing. | 88,340.71 | 9,218.60 |
| 23 52 23 00-0118 | EA | 2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394)<br>Note: Includes field assembly of individual sections and testing. | 94,733.81 | 9,647.37 |
| 23 52 23 00-0119 | EA | 2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494)<br>Note: Includes field assembly of individual sections and testing. | 99,616.88 | 10,076.13 |
| 23 52 23 00-0120 | EA | 3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594)<br>Note: Includes field assembly of individual sections and testing. | 104,335.62 | 10,504.91 |
| 23 52 23 00-0121 | EA | 3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694)<br>Note: Includes field assembly of individual sections and testing. | 112,134.20 | 10,933.68 |
| 23 52 23 00-0122 | EA | 3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794)<br>Note: Includes field assembly of individual sections and testing. | 116,850.16 | 11,362.46 |
| 23 52 23 00-0123 | EA | 3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894)<br>Note: Includes field assembly of individual sections and testing. | 120,869.57 | 11,791.22 |
| 23 52 23 00-0124 | EA | 4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994)<br>Note: Includes field assembly of individual sections and testing. | 128,389.80 | 12,219.99 |
| 23 52 23 00-0125 | EA | 4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094)<br>Note: Includes field assembly of individual sections and testing. | 133,146.69 | 12,648.77 |
| 23 52 23 00-0126 | EA | 4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194)<br>Note: Includes field assembly of individual sections and testing. | 140,843.29 | 13,077.54 |
| 23 52 23 00-0127 | EA | 4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294)<br>Note: Includes field assembly of individual sections and testing. | 145,860.89 | 13,506.32 |
| 23 52 23 00-0128 | EA | 4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394)<br>Note: Includes field assembly of individual sections and testing. | 151,368.33 | 13,935.08 |
| 23 52 23 00-0129 | EA | 5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494)<br>Note: Includes field assembly of individual sections and testing. | 156,072.65 | 14,363.85 |
| 23 52 23 00-0130 | EA | 5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594)<br>Note: Includes field assembly of individual sections and testing. | 160,917.70 | 14,792.63 |
| 23 52 23 00-0131 | | Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* | | |
| 23 52 23 00-0132 | EA | 1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894)<br>Note: Fire tested factory assembled package cast iron unit. | 63,479.85 | 1,384.49 |
| 23 52 23 00-0133 | EA | 1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994)<br>Note: Fire tested factory assembled package cast iron unit. | 69,236.51 | 1,490.99 |
| 23 52 23 00-0134 | EA | 2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094)<br>Note: Fire tested factory assembled package cast iron unit. | 74,472.78 | 1,597.49 |
| 23 52 23 00-0135 | EA | 2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194)<br>Note: Fire tested factory assembled package cast iron unit. | 79,599.19 | 1,703.99 |
| 23 52 23 00-0136 | EA | 2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294)<br>Note: Fire tested factory assembled package cast iron unit. | 84,345.41 | 1,703.99 |
| 23 52 23 00-0137 | EA | 2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394)<br>Note: Fire tested factory assembled package cast iron unit. | 89,349.08 | 1,810.49 |
| 23 52 23 00-0138 | EA | 2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494)<br>Note: Fire tested factory assembled package cast iron unit. | 93,785.42 | 1,810.49 |
| 23 52 23 00-0139 | EA | 3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594)<br>Note: Fire tested factory assembled package cast iron unit. | 98,484.28 | 1,916.99 |
| 23 52 23 00-0140 | EA | 3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694)<br>Note: Fire tested factory assembled package cast iron unit. | 105,836.35 | 1,916.99 |
| 23 52 23 00-0141 | EA | 3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794)<br>Note: Fire tested factory assembled package cast iron unit. | 110,533.88 | 2,023.48 |
| 23 52 23 00-0142 | EA | 3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894)<br>Note: Fire tested factory assembled package cast iron unit. | 114,105.97 | 2,023.48 |
| 23 52 23 00-0143 | EA | 4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994)<br>Note: Fire tested factory assembled package cast iron unit. | 121,608.23 | 2,129.98 |
| 23 52 23 00-0144 | EA | 4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094)<br>Note: Fire tested factory assembled package cast iron unit. | 125,917.75 | 2,129.98 |
| 23 52 23 00-0145 | EA | 4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194)<br>Note: Fire tested factory assembled package cast iron unit. | 133,618.74 | 2,236.48 |
| 23 52 23 00-0146 | EA | 4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294)<br>Note: Fire tested factory assembled package cast iron unit. | 138,164.92 | 2,236.48 |
| 23 52 23 00-0147 | EA | 4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394)<br>Note: Fire tested factory assembled package cast iron unit. | 143,650.94 | 2,342.98 |
| 23 52 23 00-0148 | EA | 5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494)<br>Note: Fire tested factory assembled package cast iron unit. | 147,909.47 | 2,342.98 |
| 23 52 23 00-0149 | EA | 5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594)<br>Note: Fire tested factory assembled package cast iron unit. | 152,733.84 | 2,449.48 |
| 23 52 23 00-0150 | | Oil Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*<br>Note: Field assembled boilers can only be used in situations where package units cannot be installed. | | |
| 23 52 23 00-0151 | EA | 1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894)<br>Note: Includes field assembly of individual sections and testing. | 63,066.92 | 7,503.51 |
| 23 52 23 00-0152 | EA | 1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994)<br>Note: Includes field assembly of individual sections and testing. | 68,842.42 | 7,932.27 |
| 23 52 23 00-0153 | EA | 2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094)<br>Note: Includes field assembly of individual sections and testing. | 75,907.48 | 8,361.05 |
| 23 52 23 00-0154 | EA | 2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194)<br>Note: Includes field assembly of individual sections and testing. | 80,580.31 | 8,789.82 |
| 23 52 23 00-0155 | EA | 2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294)<br>Note: Includes field assembly of individual sections and testing. | 85,452.44 | 9,218.60 |
| 23 52 23 00-0156 | EA | 2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394)<br>Note: Includes field assembly of individual sections and testing. | 91,485.99 | 9,647.37 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 23 00-0157 | EA | 2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494)<br>Note: Includes field assembly of individual sections and testing. | 96,612.25 | 10,076.13 |
| 23 52 23 00-0158 | EA | 3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594)<br>Note: Includes field assembly of individual sections and testing. | 101,333.60 | 10,504.91 |
| 23 52 23 00-0159 | EA | 3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694)<br>Note: Includes field assembly of individual sections and testing. | 110,065.73 | 10,933.68 |
| 23 52 23 00-0160 | EA | 3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794)<br>Note: Includes field assembly of individual sections and testing. | 114,783.00 | 11,362.46 |
| 23 52 23 00-0161 | EA | 3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894)<br>Note: Includes field assembly of individual sections and testing. | 119,499.31 | 11,791.22 |
| 23 52 23 00-0162 | EA | 4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994)<br>Note: Includes field assembly of individual sections and testing. | 128,398.95 | 12,219.99 |
| 23 52 23 00-0163 | EA | 4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094)<br>Note: Includes field assembly of individual sections and testing. | 133,155.84 | 12,648.77 |
| 23 52 23 00-0164 | EA | 4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194)<br>Note: Includes field assembly of individual sections and testing. | 141,062.95 | 13,077.54 |
| 23 52 23 00-0165 | EA | 4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294)<br>Note: Includes field assembly of individual sections and testing. | 146,079.24 | 13,506.32 |
| 23 52 23 00-0166 | EA | 4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394)<br>Note: Includes field assembly of individual sections and testing. | 151,474.24 | 13,935.08 |
| 23 52 23 00-0167 | EA | 5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494)<br>Note: Includes field assembly of individual sections and testing. | 156,178.56 | 14,363.85 |
| 23 52 23 00-0168 | EA | 5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594)<br>Note: Includes field assembly of individual sections and testing. | 161,031.45 | 14,792.63 |
| **23 52 23 00-0169** | | **Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* | | |
| 23 52 23 00-0170 | EA | 1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894)<br>Note: Fire tested factory assembled package cast iron unit. | 59,366.46 | 1,384.49 |
| 23 52 23 00-0171 | EA | 1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994)<br>Note: Fire tested factory assembled package cast iron unit. | 65,123.11 | 1,490.99 |
| 23 52 23 00-0172 | EA | 2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094)<br>Note: Fire tested factory assembled package cast iron unit. | 72,166.35 | 1,597.49 |
| 23 52 23 00-0173 | EA | 2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194)<br>Note: Fire tested factory assembled package cast iron unit. | 76,820.75 | 1,703.99 |
| 23 52 23 00-0174 | EA | 2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294)<br>Note: Fire tested factory assembled package cast iron unit. | 81,245.33 | 1,703.99 |
| 23 52 23 00-0175 | EA | 2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394)<br>Note: Fire tested factory assembled package cast iron unit. | 85,889.43 | 1,810.49 |
| 23 52 23 00-0176 | EA | 2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494)<br>Note: Fire tested factory assembled package cast iron unit. | 90,568.98 | 1,810.49 |
| 23 52 23 00-0177 | EA | 3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594)<br>Note: Fire tested factory assembled package cast iron unit. | 95,267.82 | 1,916.99 |
| 23 52 23 00-0178 | EA | 3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694)<br>Note: Fire tested factory assembled package cast iron unit. | 103,556.07 | 1,916.99 |
| 23 52 23 00-0179 | EA | 3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794)<br>Note: Fire tested factory assembled package cast iron unit. | 108,252.29 | 2,023.48 |
| 23 52 23 00-0180 | EA | 3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894)<br>Note: Fire tested factory assembled package cast iron unit. | 112,523.89 | 2,023.48 |
| 23 52 23 00-0181 | EA | 4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994)<br>Note: Fire tested factory assembled package cast iron unit. | 121,405.57 | 2,129.98 |
| 23 52 23 00-0182 | EA | 4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094)<br>Note: Fire tested factory assembled package cast iron unit. | 125,715.09 | 2,129.98 |
| 23 52 23 00-0183 | EA | 4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194)<br>Note: Fire tested factory assembled package cast iron unit. | 133,600.44 | 2,236.48 |
| 23 52 23 00-0184 | EA | 4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294)<br>Note: Fire tested factory assembled package cast iron unit. | 138,171.46 | 2,236.48 |
| 23 52 23 00-0185 | EA | 4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394)<br>Note: Fire tested factory assembled package cast iron unit. | 143,545.04 | 2,342.98 |
| 23 52 23 00-0186 | EA | 5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494)<br>Note: Fire tested factory assembled package cast iron unit. | 147,803.56 | 2,342.98 |
| 23 52 23 00-0187 | EA | 5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594)<br>Note: Fire tested factory assembled package cast iron unit. | 152,635.78 | 2,449.48 |
| **23 52 23 00-0188** | | **Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*<br>Note: Field assembled boilers can only be used in situations where package units cannot be installed. | | |
| 23 52 23 00-0189 | EA | 1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894)<br>Note: Includes field assembly of individual sections and testing. | 68,194.93 | 7,503.51 |
| 23 52 23 00-0190 | EA | 1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994)<br>Note: Includes field assembly of individual sections and testing. | 73,971.74 | 7,932.27 |
| 23 52 23 00-0191 | EA | 2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094)<br>Note: Includes field assembly of individual sections and testing. | 79,564.56 | 8,361.05 |
| 23 52 23 00-0192 | EA | 2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194)<br>Note: Includes field assembly of individual sections and testing. | 84,841.46 | 8,789.82 |
| 23 52 23 00-0193 | EA | 2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294)<br>Note: Includes field assembly of individual sections and testing. | 90,005.16 | 9,218.60 |
| 23 52 23 00-0194 | EA | 2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394)<br>Note: Includes field assembly of individual sections and testing. | 95,348.34 | 9,647.37 |
| 23 52 23 00-0195 | EA | 2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494)<br>Note: Includes field assembly of individual sections and testing. | 101,657.89 | 10,076.13 |
| 23 52 23 00-0196 | EA | 3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594)<br>Note: Includes field assembly of individual sections and testing. | 106,698.27 | 10,504.91 |
| 23 52 23 00-0197 | EA | 3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694)<br>Note: Includes field assembly of individual sections and testing. | 114,702.12 | 10,933.68 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 23 00-0198 | EA | 3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794)<br>Note: Includes field assembly of individual sections and testing. | 119,418.09 | 11,362.46 |
| 23 52 23 00-0199 | EA | 3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894)<br>Note: Includes field assembly of individual sections and testing. | 123,529.03 | 11,791.22 |
| 23 52 23 00-0200 | EA | 4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994)<br>Note: Includes field assembly of individual sections and testing. | 131,138.17 | 12,219.99 |
| 23 52 23 00-0201 | EA | 4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094)<br>Note: Includes field assembly of individual sections and testing. | 137,202.55 | 12,648.77 |
| 23 52 23 00-0202 | EA | 4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194)<br>Note: Includes field assembly of individual sections and testing. | 145,599.98 | 13,077.54 |
| 23 52 23 00-0203 | EA | 4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294)<br>Note: Includes field assembly of individual sections and testing. | 150,578.35 | 13,506.32 |
| 23 52 23 00-0204 | EA | 4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394)<br>Note: Includes field assembly of individual sections and testing. | 156,328.99 | 13,935.08 |
| 23 52 23 00-0205 | EA | 5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494)<br>Note: Includes field assembly of individual sections and testing. | 161,034.62 | 14,363.85 |
| 23 52 23 00-0206 | EA | 5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594)<br>Note: Includes field assembly of individual sections and testing. | 165,883.58 | 14,792.63 |
| 23 52 23 00-0207 | | Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* | | |
| 23 52 23 00-0208 | EA | 1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894)<br>Note: Fire tested factory assembled package cast iron unit. | 64,801.73 | 1,384.49 |
| 23 52 23 00-0209 | EA | 1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994)<br>Note: Fire tested factory assembled package cast iron unit. | 70,559.70 | 1,490.99 |
| 23 52 23 00-0210 | EA | 2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094)<br>Note: Fire tested factory assembled package cast iron unit. | 76,134.61 | 1,597.49 |
| 23 52 23 00-0211 | EA | 2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194)<br>Note: Fire tested factory assembled package cast iron unit. | 81,390.46 | 1,703.99 |
| 23 52 23 00-0212 | EA | 2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294)<br>Note: Fire tested factory assembled package cast iron unit. | 86,106.61 | 1,703.99 |
| 23 52 23 00-0213 | EA | 2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394)<br>Note: Fire tested factory assembled package cast iron unit. | 90,059.05 | 1,810.49 |
| 23 52 23 00-0214 | EA | 2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494)<br>Note: Fire tested factory assembled package cast iron unit. | 95,921.88 | 1,810.49 |
| 23 52 23 00-0215 | EA | 3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594)<br>Note: Fire tested factory assembled package cast iron unit. | 100,941.07 | 1,916.99 |
| 23 52 23 00-0216 | EA | 3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694)<br>Note: Fire tested factory assembled package cast iron unit. | 108,501.03 | 1,916.99 |
| 23 52 23 00-0217 | EA | 3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794)<br>Note: Fire tested factory assembled package cast iron unit. | 113,195.95 | 2,023.48 |
| 23 52 23 00-0218 | EA | 3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894)<br>Note: Fire tested factory assembled package cast iron unit. | 116,860.87 | 2,023.48 |
| 23 52 23 00-0219 | EA | 4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994)<br>Note: Fire tested factory assembled package cast iron unit. | 124,452.04 | 2,129.98 |
| 23 52 23 00-0220 | EA | 4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094)<br>Note: Fire tested factory assembled package cast iron unit. | 130,070.37 | 2,129.98 |
| 23 52 23 00-0221 | EA | 4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194)<br>Note: Fire tested factory assembled package cast iron unit. | 138,446.03 | 2,236.48 |
| 23 52 23 00-0222 | EA | 4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294)<br>Note: Fire tested factory assembled package cast iron unit. | 142,979.13 | 2,236.48 |
| 23 52 23 00-0223 | EA | 4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394)<br>Note: Fire tested factory assembled package cast iron unit. | 148,707.04 | 2,342.98 |
| 23 52 23 00-0224 | EA | 5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494)<br>Note: Fire tested factory assembled package cast iron unit. | 152,966.88 | 2,342.98 |
| 23 52 23 00-0225 | EA | 5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594)<br>Note: Fire tested factory assembled package cast iron unit. | 157,796.48 | 2,449.48 |
| **23 52 33** | | **Water-Tube Boilers** *(23 52)* | | |
| **23 52 33 13** | | **Finned Water-Tube Boilers** *(23 52 33)* | | |
| 23 52 33 13-0001 | | Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler *(23 52 33 13)*<br>Note: Rated by gross rated output. | | |
| 23 52 33 13-0002 | EA | 200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 10,446.94 | 635.48 |
| 23 52 33 13-0003 | EA | 300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 11,492.95 | 706.10 |
| 23 52 33 13-0004 | EA | 400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 13,183.43 | 847.31 |
| 23 52 33 13-0005 | EA | 500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 16,946.78 | 882.62 |
| 23 52 33 13-0006 | EA | 750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 19,896.75 | 1,059.13 |
| 23 52 33 13-0007 | EA | 1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 24,465.30 | 1,270.96 |
| 23 52 33 13-0008 | EA | 1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 27,847.21 | 1,341.58 |
| 23 52 33 13-0009 | EA | 1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 30,867.00 | 1,447.49 |
| 23 52 33 13-0010 | EA | 1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 33,691.00 | 1,518.10 |
| 23 52 33 13-0011 | EA | 2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant) | 36,193.75 | 1,553.40 |
| 23 52 33 13-0012 | | Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler *(23 52 33 13)*<br>Note: Rated by gross rated output. | | |
| 23 52 33 13-0013 | EA | 1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire) | 36,976.87 | 1,270.96 |
| 23 52 33 13-0014 | EA | 1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire) | 46,258.87 | 1,447.49 |
| 23 52 33 13-0015 | EA | 2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire) | 49,286.40 | 1,553.40 |
| 23 52 33 13-0016 | EA | 2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire) | 69,970.75 | 1,765.23 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 33 13-0017 | EA | 3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire) | 73,323.07 | 1,977.06 |

## 23 52 33 16 Steel Water-Tube Boilers *(23 52 33)*

### 23 52 33 16-0001 Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with BAAQMD.

| | | | | |
|---|---|---|---|---|
| 23 52 33 16-0002 | EA | 1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100) | 76,783.62 | 1,711.74 |
| 23 52 33 16-0003 | EA | 1,750 MBH Input/1.488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150) | 82,604.81 | 2,139.68 |
| 23 52 33 16-0004 | EA | 2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200) | 84,135.09 | 2,353.64 |
| 23 52 33 16-0005 | EA | 2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250) | 90,630.67 | 2,567.61 |
| 23 52 33 16-0006 | EA | 3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300) | 93,755.23 | 2,888.56 |
| 23 52 33 16-0007 | EA | 3,750 MBH Output/3,188 MBH Input, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350) | 103,497.66 | 3,209.51 |
| 23 52 33 16-0008 | EA | 4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400) | 107,848.74 | 3,316.49 |

### 23 52 33 16-0009 Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with BAAQMD.

| | | | | |
|---|---|---|---|---|
| 23 52 33 16-0010 | EA | 1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100LS) | 89,622.94 | 1,925.71 |
| 23 52 33 16-0011 | EA | 1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150LS) | 94,125.90 | 2,246.65 |
| 23 52 33 16-0012 | EA | 2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200LS) | 96,760.42 | 2,460.62 |
| 23 52 33 16-0013 | EA | 2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250LS) | 108,219.41 | 2,674.59 |
| 23 52 33 16-0014 | EA | 3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300LS) | 112,232.34 | 2,888.56 |
| 23 52 33 16-0015 | EA | 3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350LS) | 120,044.23 | 3,209.51 |
| 23 52 33 16-0016 | EA | 4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400LS) | 127,097.73 | 3,423.48 |
| 23 52 33 16-0017 | EA | 5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500LS) | 212,187.14 | 3,637.45 |
| 23 52 33 16-0018 | EA | 6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600LS) | 229,713.77 | 3,851.42 |
| 23 52 33 16-0019 | EA | 7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700LS) | 241,724.89 | 4,065.38 |
| 23 52 33 16-0020 | EA | 8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800LS) | 247,944.41 | 4,279.35 |

### 23 52 33 16-0021 Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with BAAQMD.

| | | | | |
|---|---|---|---|---|
| 23 52 33 16-0022 | EA | 1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS) | 96,516.86 | 1,925.71 |
| 23 52 33 16-0023 | EA | 1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS) | 102,400.15 | 2,246.65 |
| 23 52 33 16-0024 | EA | 2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS) | 106,137.01 | 2,460.62 |
| 23 52 33 16-0025 | EA | 2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS) | 117,872.06 | 2,674.59 |
| 23 52 33 16-0026 | EA | 3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS) | 121,884.99 | 2,888.56 |
| 23 52 33 16-0027 | EA | 3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS) | 128,318.49 | 3,209.51 |
| 23 52 33 16-0028 | EA | 4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS) | 135,642.26 | 3,423.48 |
| 23 52 33 16-0029 | EA | 5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS) | 220,185.32 | 3,637.45 |
| 23 52 33 16-0030 | EA | 6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS) | 239,092.28 | 3,851.42 |
| 23 52 33 16-0031 | EA | 7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS) | 246,690.21 | 4,065.38 |
| 23 52 33 16-0032 | EA | 8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS) | 257,322.92 | 4,279.35 |
| 23 52 33 16-0033 | EA | 9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS) | 286,156.68 | 4,493.32 |
| 23 52 33 16-0034 | EA | 10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS) | 413,860.60 | 4,707.29 |
| 23 52 33 16-0035 | EA | 12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS) | 434,835.17 | 4,921.25 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 23 52 36 Fire-Box Boiler *(23 52)*

### 23 52 36 00-0001 Package Oil Fired Firebox Boilers *(23 52 36)*

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP) boiler sizes are based on HP rating and gross output.

| | | | | |
|---|---|---|---|---|
| 23 52 36 00-0002 | EA | 40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 78,860.68 | 2,555.98 |
| 23 52 36 00-0003 | EA | 46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 82,443.27 | 2,768.98 |
| 23 52 36 00-0004 | EA | 53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 86,312.77 | 2,981.98 |
| 23 52 36 00-0005 | EA | 61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 93,338.83 | 3,194.98 |
| 23 52 36 00-0006 | EA | 69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 97,495.25 | 3,407.97 |
| 23 52 36 00-0007 | EA | 80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 101,580.10 | 3,620.97 |
| 23 52 36 00-0008 | EA | 100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 112,996.61 | 3,833.97 |
| 23 52 36 00-0009 | EA | 127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 130,764.90 | 4,259.97 |
| 23 52 36 00-0010 | EA | 151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 148,834.56 | 4,685.96 |
| 23 52 36 00-0011 | EA | 183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 163,280.05 | 5,165.21 |
| 23 52 36 00-0012 | EA | 220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 177,725.67 | 5,644.46 |
| 23 52 36 00-0013 | EA | 257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 186,816.81 | 6,602.95 |
| 23 52 36 00-0014 | EA | 294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 227,688.57 | 7,561.44 |
| 23 52 36 00-0015 | EA | 368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 269,564.67 | 8,519.94 |
| 23 52 36 00-0016 | EA | 441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 311,869.06 | 9,584.93 |
| 23 52 36 00-0017 | EA | 514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water | 353,210.43 | 10,383.67 |

## 23 52 39 Fire-Tube Boilers *(23 52)*

### 23 52 39 13 Scotch Marine Boilers *(23 52 39)*

### 23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers *(23 52 39 13)*

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.

### 23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 52 39 13-0003 | EA | 30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 62,840.21 | 1,171.49 |
| 23 52 39 13-0004 | EA | 40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 67,640.69 | 1,277.99 |
| 23 52 39 13-0005 | EA | 50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 73,466.72 | 1,384.49 |
| 23 52 39 13-0006 | EA | 60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 76,752.54 | 1,597.49 |
| 23 52 39 13-0007 | EA | 70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 80,422.40 | 1,703.99 |
| 23 52 39 13-0008 | EA | 80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 84,184.82 | 1,810.49 |
| 23 52 39 13-0009 | EA | 90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 86,783.37 | 1,863.73 |
| 23 52 39 13-0010 | EA | 100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 91,615.22 | 1,916.99 |
| 23 52 39 13-0011 | EA | 125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 103,587.96 | 2,129.98 |
| 23 52 39 13-0012 | EA | 150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 117,714.61 | 2,342.98 |
| 23 52 39 13-0013 | EA | 175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 129,115.68 | 2,582.61 |
| 23 52 39 13-0014 | EA | 200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 140,514.57 | 2,822.22 |
| 23 52 39 13-0015 | EA | 250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 148,191.23 | 3,301.48 |
| 23 52 39 13-0016 | EA | 300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 180,240.70 | 3,780.72 |
| 23 52 39 13-0017 | EA | 350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 195,113.71 | 4,259.97 |
| 23 52 39 13-0018 | EA | 400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 229,749.10 | 4,739.21 |
| 23 52 39 13-0019 | EA | 500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 279,077.84 | 5,218.46 |
| 23 52 39 13-0020 | EA | 600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 326,511.02 | 5,697.70 |
| 23 52 39 13-0021 | EA | 700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 371,922.15 | 6,176.95 |
| 23 52 39 13-0022 | EA | 800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 415,510.11 | 6,656.19 |
| 23 52 39 13-0023 | EA | 900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 647,143.73 | 7,135.45 |
| 23 52 39 13-0024 | EA | 1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 704,126.92 | 7,614.69 |

### 23 52 39 13-0025 15 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 52 39 13-0026 | EA | 30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 58,236.66 | 1,171.49 |
| 23 52 39 13-0027 | EA | 40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 62,690.63 | 1,277.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 39 13-0028 | EA | 50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 68,086.22 | 1,384.49 |
| 23 52 39 13-0029 | EA | 60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 74,178.51 | 1,597.49 |
| 23 52 39 13-0030 | EA | 70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 77,386.36 | 1,703.99 |
| 23 52 39 13-0031 | EA | 80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 80,589.22 | 1,810.49 |
| 23 52 39 13-0032 | EA | 90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 83,586.64 | 1,863.73 |
| 23 52 39 13-0033 | EA | 100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 89,569.19 | 1,916.99 |
| 23 52 39 13-0034 | EA | 125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 103,685.52 | 2,129.98 |
| 23 52 39 13-0035 | EA | 150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 117,820.78 | 2,342.98 |
| 23 52 39 13-0036 | EA | 175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 129,233.34 | 2,582.61 |
| 23 52 39 13-0037 | EA | 200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 140,643.70 | 2,822.22 |
| 23 52 39 13-0038 | EA | 250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 148,326.10 | 3,301.48 |
| 23 52 39 13-0039 | EA | 300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 180,407.14 | 3,780.72 |
| 23 52 39 13-0040 | EA | 350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 195,291.63 | 4,259.97 |
| 23 52 39 13-0041 | EA | 400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 229,961.45 | 4,739.21 |
| 23 52 39 13-0042 | EA | 500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 279,336.11 | 5,218.46 |
| 23 52 39 13-0043 | EA | 600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 326,815.20 | 5,697.70 |
| 23 52 39 13-0044 | EA | 700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 372,269.37 | 6,176.95 |
| 23 52 39 13-0045 | EA | 800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 415,900.38 | 6,656.19 |
| 23 52 39 13-0046 | EA | 900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 647,760.65 | 7,135.45 |
| 23 52 39 13-0047 | EA | 1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 704,801.80 | 7,614.69 |
| **23 52 39 13-0048** | | **15 PSI Gas/Oil Fired Steam Scotch Marine Boilers** *(23 52 39 13-0001)* | | |
| 23 52 39 13-0049 | EA | 30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 64,855.10 | 1,171.49 |
| 23 52 39 13-0050 | EA | 40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 69,807.24 | 1,277.99 |
| 23 52 39 13-0051 | EA | 50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 75,816.92 | 1,384.49 |
| 23 52 39 13-0052 | EA | 60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 79,673.79 | 1,597.49 |
| 23 52 39 13-0053 | EA | 70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 83,108.35 | 1,703.99 |
| 23 52 39 13-0054 | EA | 80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 86,537.90 | 1,810.49 |
| 23 52 39 13-0055 | EA | 90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 89,759.15 | 1,863.73 |
| 23 52 39 13-0056 | EA | 100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 92,981.15 | 1,916.99 |
| 23 52 39 13-0057 | EA | 125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 107,651.31 | 2,129.98 |
| 23 52 39 13-0058 | EA | 150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 122,340.40 | 2,342.98 |
| 23 52 39 13-0059 | EA | 175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 134,189.13 | 2,582.61 |
| 23 52 39 13-0060 | EA | 200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 146,032.81 | 2,822.22 |
| 23 52 39 13-0061 | EA | 250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 153,956.26 | 3,301.48 |
| 23 52 39 13-0062 | EA | 300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 187,294.18 | 3,780.72 |
| 23 52 39 13-0063 | EA | 350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 202,718.15 | 4,259.97 |
| 23 52 39 13-0064 | EA | 400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 238,753.90 | 4,739.21 |
| 23 52 39 13-0065 | EA | 500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 290,105.72 | 5,218.46 |
| 23 52 39 13-0066 | EA | 600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 339,481.61 | 5,697.70 |
| 23 52 39 13-0067 | EA | 700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 386,752.24 | 6,176.95 |
| 23 52 39 13-0068 | EA | 800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 432,119.36 | 6,656.19 |
| 23 52 39 13-0069 | EA | 900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 673,563.63 | 7,135.45 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 39 13-0070 | EA | 1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 732,898.56 | 7,614.69 |
| 23 52 39 13-0071 | | **125 PSI Water Scotch Marine Boilers** *(23 52 39 13)*<br>Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output. | | |
| 23 52 39 13-0072 | | **125 PSI Gas Fired Water Scotch Marine Boilers** *(23 52 39 13-0071)* | | |
| 23 52 39 13-0073 | EA | 40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 74,398.60 | 1,277.99 |
| 23 52 39 13-0074 | EA | 50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 83,493.10 | 1,384.49 |
| 23 52 39 13-0075 | EA | 60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 89,691.57 | 1,597.49 |
| 23 52 39 13-0076 | EA | 70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 96,414.68 | 1,703.99 |
| 23 52 39 13-0077 | EA | 80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 103,279.14 | 1,810.49 |
| 23 52 39 13-0078 | EA | 90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 108,741.55 | 1,863.73 |
| 23 52 39 13-0079 | EA | 100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 117,085.79 | 1,916.99 |
| 23 52 39 13-0080 | EA | 125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 125,612.14 | 2,129.98 |
| 23 52 39 13-0081 | EA | 150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 136,938.06 | 2,342.98 |
| 23 52 39 13-0082 | EA | 175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 145,661.80 | 2,582.61 |
| 23 52 39 13-0083 | EA | 200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 150,804.95 | 2,822.22 |
| 23 52 39 13-0084 | EA | 250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 182,563.30 | 3,301.48 |
| 23 52 39 13-0085 | EA | 300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 212,563.88 | 3,780.72 |
| 23 52 39 13-0086 | EA | 350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 229,101.25 | 4,259.97 |
| 23 52 39 13-0087 | EA | 400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 255,618.54 | 4,739.21 |
| 23 52 39 13-0088 | EA | 500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 309,771.08 | 5,218.46 |
| 23 52 39 13-0089 | EA | 600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 362,607.72 | 5,697.70 |
| 23 52 39 13-0090 | EA | 700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 413,192.74 | 6,176.95 |
| 23 52 39 13-0091 | EA | 800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 461,733.63 | 6,656.19 |
| 23 52 39 13-0092 | EA | 900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 720,673.10 | 7,135.45 |
| 23 52 39 13-0093 | EA | 1,000 HP, 33,476 125 PSI MBH Water Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 784,198.11 | 7,614.69 |
| 23 52 39 13-0094 | | **125 PSI Oil Fired Water Scotch Marine Boilers** *(23 52 39 13-0071)* | | |
| 23 52 39 13-0095 | EA | 40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 68,911.93 | 1,277.99 |
| 23 52 39 13-0096 | EA | 50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 77,317.72 | 1,384.49 |
| 23 52 39 13-0097 | EA | 60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 86,641.18 | 1,597.49 |
| 23 52 39 13-0098 | EA | 70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 92,721.51 | 1,703.99 |
| 23 52 39 13-0099 | EA | 80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 98,793.96 | 1,810.49 |
| 23 52 39 13-0100 | EA | 90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 104,658.11 | 1,863.73 |
| 23 52 39 13-0101 | EA | 100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 114,417.06 | 1,916.99 |
| 23 52 39 13-0102 | EA | 125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 125,729.79 | 2,129.98 |
| 23 52 39 13-0103 | EA | 150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 137,064.32 | 2,342.98 |
| 23 52 39 13-0104 | EA | 175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 145,796.67 | 2,582.61 |
| 23 52 39 13-0105 | EA | 200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 150,945.56 | 2,822.22 |
| 23 52 39 13-0106 | EA | 250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 182,732.61 | 3,301.48 |
| 23 52 39 13-0107 | EA | 300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 212,761.88 | 3,780.72 |
| 23 52 39 13-0108 | EA | 350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 229,313.60 | 4,259.97 |
| 23 52 39 13-0109 | EA | 400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 255,856.72 | 4,739.21 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 39 13-0110 | EA | 500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 310,060.91 | 5,218.46 |
| 23 52 39 13-0111 | EA | 600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 362,949.20 | 5,697.70 |
| 23 52 39 13-0112 | EA | 700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 413,583.00 | 6,176.95 |
| 23 52 39 13-0113 | EA | 800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 462,169.81 | 6,656.19 |
| 23 52 39 13-0114 | EA | 900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 721,364.54 | 7,135.45 |
| 23 52 39 13-0115 | EA | 1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 784,951.66 | 7,614.69 |
| **23 52 39 13-0116** | | **125 PSI Gas/Oil Fired Water Scotch Marine Boilers** *(23 52 39 13-0071)* | | |
| 23 52 39 13-0117 | EA | 40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 76,797.59 | 1,277.99 |
| 23 52 39 13-0118 | EA | 50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 86,190.53 | 1,384.49 |
| 23 52 39 13-0119 | EA | 60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 93,149.44 | 1,597.49 |
| 23 52 39 13-0120 | EA | 70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 99,686.02 | 1,703.99 |
| 23 52 39 13-0121 | EA | 80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 106,217.61 | 1,810.49 |
| 23 52 39 13-0122 | EA | 90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 112,540.90 | 1,863.73 |
| 23 52 39 13-0123 | EA | 100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 118,864.94 | 1,916.99 |
| 23 52 39 13-0124 | EA | 125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 130,613.85 | 2,129.98 |
| 23 52 39 13-0125 | EA | 150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 142,384.56 | 2,342.98 |
| 23 52 39 13-0126 | EA | 175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 151,441.17 | 2,582.61 |
| 23 52 39 13-0127 | EA | 200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 156,765.11 | 2,822.22 |
| 23 52 39 13-0128 | EA | 250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 189,797.56 | 3,301.48 |
| 23 52 39 13-0129 | EA | 300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 220,997.63 | 3,780.72 |
| 23 52 39 13-0130 | EA | 350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 238,157.71 | 4,259.97 |
| 23 52 39 13-0131 | EA | 400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 265,728.14 | 4,739.21 |
| 23 52 39 13-0132 | EA | 500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 322,113.23 | 5,218.46 |
| 23 52 39 13-0133 | EA | 600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 377,122.15 | 5,697.70 |
| 23 52 39 13-0134 | EA | 700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 429,787.63 | 6,176.95 |
| 23 52 39 13-0135 | EA | 800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 480,317.16 | 6,656.19 |
| 23 52 39 13-0136 | EA | 900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 750,235.55 | 7,135.45 |
| 23 52 39 13-0137 | EA | 1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit. | 816,385.58 | 7,614.69 |
| **23 52 39 13-0138** | | **150 PSI Steam Scotch Marine Boilers** *(23 52 39 13)*<br>Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output. | | |
| **23 52 39 13-0139** | | **150 PSI Gas Fired Steam Scotch Marine Boilers** *(23 52 39 13-0138)* | | |
| 23 52 39 13-0140 | EA | 40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 86,399.27 | 1,277.99 |
| 23 52 39 13-0141 | EA | 50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 93,843.75 | 1,384.49 |
| 23 52 39 13-0142 | EA | 60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 97,861.32 | 1,597.49 |
| 23 52 39 13-0143 | EA | 70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 102,503.97 | 1,703.99 |
| 23 52 39 13-0144 | EA | 80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 107,267.89 | 1,810.49 |
| 23 52 39 13-0145 | EA | 90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 110,583.83 | 1,863.73 |
| 23 52 39 13-0146 | EA | 100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 116,801.70 | 1,916.99 |
| 23 52 39 13-0147 | EA | 125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 132,111.78 | 2,129.98 |
| 23 52 39 13-0148 | EA | 150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 150,215.70 | 2,342.98 |
| 23 52 39 13-0149 | EA | 175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 164,750.37 | 2,582.61 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 39 13-0150 | EA | 200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 179,282.86 | 2,822.22 |
| 23 52 39 13-0151 | EA | 250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 188,687.03 | 3,301.48 |
| 23 52 39 13-0152 | EA | 300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 229,778.61 | 3,780.72 |
| 23 52 39 13-0153 | EA | 350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 248,516.15 | 4,259.97 |
| 23 52 39 13-0154 | EA | 400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 292,992.21 | 4,739.21 |
| 23 52 39 13-0155 | EA | 500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 356,548.43 | 5,218.46 |
| 23 52 39 13-0156 | EA | 600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 417,617.95 | 5,697.70 |
| 23 52 39 13-0157 | EA | 700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 476,088.63 | 6,176.95 |
| 23 52 39 13-0158 | EA | 800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 532,176.57 | 6,656.19 |
| 23 52 39 13-0159 | EA | 900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 832,728.88 | 7,135.45 |
| 23 52 39 13-0160 | EA | 1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 906,207.42 | 7,614.69 |
| **23 52 39 13-0161** | | **150 PSI Oil Fired Steam Scotch Marine Boilers** *(23 52 39 13-0138)* | | |
| 23 52 39 13-0162 | EA | 40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 79,962.76 | 1,277.99 |
| 23 52 39 13-0163 | EA | 50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 86,850.54 | 1,384.49 |
| 23 52 39 13-0164 | EA | 60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 94,512.50 | 1,597.49 |
| 23 52 39 13-0165 | EA | 70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 98,558.27 | 1,703.99 |
| 23 52 39 13-0166 | EA | 80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 102,596.18 | 1,810.49 |
| 23 52 39 13-0167 | EA | 90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 106,425.78 | 1,863.73 |
| 23 52 39 13-0168 | EA | 100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 114,138.71 | 1,916.99 |
| 23 52 39 13-0169 | EA | 125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 132,235.17 | 2,129.98 |
| 23 52 39 13-0170 | EA | 150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 150,356.31 | 2,342.98 |
| 23 52 39 13-0171 | EA | 175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 164,905.33 | 2,582.61 |
| 23 52 39 13-0172 | EA | 200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 179,452.17 | 2,822.22 |
| 23 52 39 13-0173 | EA | 250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 188,862.07 | 3,301.48 |
| 23 52 39 13-0174 | EA | 300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 229,993.83 | 3,780.72 |
| 23 52 39 13-0175 | EA | 350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 248,748.59 | 4,259.97 |
| 23 52 39 13-0176 | EA | 400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 293,267.69 | 4,739.21 |
| 23 52 39 13-0177 | EA | 500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 356,884.18 | 5,218.46 |
| 23 52 39 13-0178 | EA | 600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 418,013.95 | 5,697.70 |
| 23 52 39 13-0179 | EA | 700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 476,539.16 | 6,176.95 |
| 23 52 39 13-0180 | EA | 800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 532,681.62 | 6,656.19 |
| 23 52 39 13-0181 | EA | 900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 833,532.12 | 7,135.45 |
| 23 52 39 13-0182 | EA | 1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 907,085.18 | 7,614.69 |
| **23 52 39 13-0183** | | **150 PSI Gas/Oil Fired Steam Scotch Marine Boilers** *(23 52 39 13-0138)* | | |
| 23 52 39 13-0184 | EA | 40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 89,214.35 | 1,277.99 |
| 23 52 39 13-0185 | EA | 50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 96,899.88 | 1,384.49 |
| 23 52 39 13-0186 | EA | 60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 101,657.80 | 1,597.49 |
| 23 52 39 13-0187 | EA | 70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 105,996.28 | 1,703.99 |
| 23 52 39 13-0188 | EA | 80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 110,326.88 | 1,810.49 |
| 23 52 39 13-0189 | EA | 90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 114,452.06 | 1,863.73 |
| 23 52 39 13-0190 | EA | 100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 118,575.11 | 1,916.99 |
| 23 52 39 13-0191 | EA | 125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 137,391.85 | 2,129.98 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 52 39 13-0192 | EA | 150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 156,230.38 | 2,342.98 |
| 23 52 39 13-0193 | EA | 175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 171,344.72 | 2,582.61 |
| 23 52 39 13-0194 | EA | 200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 186,459.73 | 2,822.22 |
| 23 52 39 13-0195 | EA | 250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 196,182.42 | 3,301.48 |
| 23 52 39 13-0196 | EA | 300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 238,946.98 | 3,780.72 |
| 23 52 39 13-0197 | EA | 350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 258,401.93 | 4,259.97 |
| 23 52 39 13-0198 | EA | 400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 304,697.31 | 4,739.21 |
| 23 52 39 13-0199 | EA | 500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 370,887.83 | 5,218.46 |
| 23 52 39 13-0200 | EA | 600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 434,479.72 | 5,697.70 |
| 23 52 39 13-0201 | EA | 700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 495,366.60 | 6,176.95 |
| 23 52 39 13-0202 | EA | 800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 553,767.44 | 6,656.19 |
| 23 52 39 13-0203 | EA | 900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 867,073.50 | 7,135.45 |
| 23 52 39 13-0204 | EA | 1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler<br>Note: Burnham Series 3. Fire tested factory assembled unit. | 943,607.65 | 7,614.69 |

## 23 53 Heating Boiler Feedwater Equipment *(23 50)*

### 23 53 13 Boiler Feedwater Pumps *(23 53)*

See CSI section 23 53 16 00-0001 for boiler feedwater units.

### 23 53 16 Deaerators *(23 53)*

#### 23 53 16 00-0001 Boiler Feed System *(23 53 16)*

#### 23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

| | | | | |
|---|---|---|---|---|
| 23 53 16 00-0003 | EA | 20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 6,339.35 | 1,337.01 |
| 23 53 16 00-0004 | EA | 34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 6,881.63 | 1,575.15 |
| 23 53 16 00-0005 | EA | 54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 7,374.41 | 1,630.32 |
| 23 53 16 00-0006 | EA | 67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 7,612.45 | 1,690.15 |
| 23 53 16 00-0007 | EA | 78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 8,060.30 | 1,806.31 |
| 23 53 16 00-0008 | EA | 104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 12,627.16 | 1,957.32 |
| 23 53 16 00-0009 | EA | 158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 14,214.02 | 2,090.91 |
| 23 53 16 00-0010 | EA | 219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 16,289.68 | 2,381.31 |
| 23 53 16 00-0011 | EA | 254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 17,907.89 | 2,555.55 |
| 23 53 16 00-0012 | EA | 305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System | 19,286.81 | 2,729.79 |

#### 23 53 16 00-0013 High Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

| | | | | |
|---|---|---|---|---|
| 23 53 16 00-0014 | EA | 10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 8,593.73 | 1,139.89 |
| 23 53 16 00-0015 | EA | 20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 8,995.19 | 1,337.01 |
| 23 53 16 00-0016 | EA | 34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 10,037.28 | 1,575.15 |
| 23 53 16 00-0017 | EA | 54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 10,826.76 | 1,630.32 |
| 23 53 16 00-0018 | EA | 67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 11,023.88 | 1,690.15 |
| 23 53 16 00-0019 | EA | 78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 13,243.07 | 1,806.31 |
| 23 53 16 00-0020 | EA | 104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 17,119.38 | 1,957.32 |
| 23 53 16 00-0021 | EA | 158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 17,587.01 | 2,090.91 |
| 23 53 16 00-0022 | EA | 183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 19,325.91 | 2,239.13 |
| 23 53 16 00-0023 | EA | 219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 20,787.98 | 2,381.31 |
| 23 53 16 00-0024 | EA | 254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 22,238.30 | 2,555.55 |
| 23 53 16 00-0025 | EA | 305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System | 23,988.96 | 2,729.79 |

#### 23 53 16 00-0026 Boiler Feedwater System *(23 53 16)*

Note: With deaerator includes pumps and accessories.

| | | | | |
|---|---|---|---|---|
| 23 53 16 00-0027 | EA | 1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 10,780.15 | 1,575.15 |
| 23 53 16 00-0028 | EA | 2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 13,986.90 | 1,804.57 |
| 23 53 16 00-0029 | EA | 4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 18,375.52 | 2,065.35 |
| 23 53 16 00-0030 | EA | 6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 22,078.63 | 2,382.47 |
| 23 53 16 00-0031 | EA | 8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 23,439.12 | 2,555.55 |
| 23 53 16 00-0032 | EA | 11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 24,738.67 | 2,729.79 |
| 23 53 16 00-0033 | EA | 13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 27,564.15 | 3,136.48 |
| 23 53 16 00-0034 | EA | 17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 35,528.64 | 3,601.24 |
| 23 53 16 00-0035 | EA | 20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 45,990.07 | 4,161.14 |
| 23 53 16 00-0036 | EA | 27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 58,111.77 | 4,776.56 |
| 23 53 16 00-0037 | EA | 34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories | 74,292.81 | 5,495.60 |

#### 23 53 16 00-0038 Duplex Vacuum Condensate Pumps *(23 53 16)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 53 16 00-0039 | EA | 7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump<br>Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102. | 29,055.82 | 929.29 |
| 23 53 16 00-0040 | EA | 9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump<br>Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5. | 29,717.92 | 987.37 |
| 23 53 16 00-0041 | EA | 12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump<br>Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5. | 30,479.27 | 1,045.45 |
| 23 53 16 00-0042 | EA | 18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump<br>Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252. | 29,475.87 | 1,103.54 |
| 23 53 16 00-0043 | EA | 28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump<br>Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402. | 39,942.77 | 1,161.62 |
| 23 53 16 00-0044 | EA | 42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump<br>Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502. | 42,044.13 | 1,219.70 |

## 23 54 Furnaces *(23 50)*

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

### 23 54 13 Electric-Resistance Furnaces *(23 54)*

#### 23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

| | | | | |
|---|---|---|---|---|
| 23 54 13 00-0002 | EA | Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace<br>Note: Excludes cooling equipment. | 1,309.63 | 102.40 |
| 23 54 13 00-0003 | EA | >2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace<br>Note: Excludes cooling equipment. | 1,739.50 | 128.00 |
| 23 54 13 00-0004 | EA | >3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace<br>Note: Excludes cooling equipment. | 2,265.80 | 153.61 |

#### 23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

| | | | | |
|---|---|---|---|---|
| 23 54 13 00-0006 | EA | Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace<br>Note: Excludes cooling equipment. | 1,309.63 | 102.40 |
| 23 54 13 00-0007 | EA | >2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace<br>Note: Excludes cooling equipment. | 1,575.79 | 115.20 |
| 23 54 13 00-0008 | EA | >2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace<br>Note: Excludes cooling equipment. | 1,719.41 | 128.00 |
| 23 54 13 00-0009 | EA | >3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace<br>Note: Excludes cooling equipment. | 1,790.70 | 140.81 |
| 23 54 13 00-0010 | EA | >3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace<br>Note: Excludes cooling equipment. | 2,265.80 | 153.61 |

#### 23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace *(23 54 13)*

| | | | | |
|---|---|---|---|---|
| 23 54 13 00-0012 | EA | 5 KW Heating Coil For Air Handler/Electric Furnace | 220.66 | 27.55 |
| 23 54 13 00-0013 | EA | 7 KW Heating Coil For Air Handler/Electric Furnace | 253.78 | 30.30 |
| 23 54 13 00-0014 | EA | 10 KW Heating Coil For Air Handler/Electric Furnace | 274.85 | 33.06 |
| 23 54 13 00-0015 | EA | 15 KW Heating Coil For Air Handler/Electric Furnace | 386.32 | 35.81 |
| 23 54 13 00-0016 | EA | 20 KW Heating Coil For Air Handler/Electric Furnace | 417.42 | 38.56 |

### 23 54 16 Fuel-Fired Furnaces *(23 54)*

#### 23 54 16 13 Gas-Fired Furnaces *(23 54 16)*

#### 23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

#### 23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 54 16 13-0003 | EA | 40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 2,150.44 | 89.60 |
| 23 54 16 13-0004 | EA | 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 2,281.99 | 102.40 |
| 23 54 16 13-0005 | EA | 80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 2,636.55 | 115.20 |
| 23 54 16 13-0006 | EA | 100 MBH. 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 3,074.45 | 140.81 |
| 23 54 16 13-0007 | EA | 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 3,276.32 | 153.61 |

#### 23 54 16 13-0008 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 54 16 13-0009 | EA | 40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 2,407.57 | 89.60 |
| 23 54 16 13-0010 | EA | 60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 2,631.55 | 102.40 |
| 23 54 16 13-0011 | EA | 80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 2,782.74 | 115.20 |
| 23 54 16 13-0012 | EA | 80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3.5 tons. | 2,688.51 | 128.00 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 54 16 13-0013 | EA | 100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 3,277.36 | 140.81 |
| 23 54 16 13-0014 | EA | 120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 3,449.10 | 153.61 |
| **23 54 16 13-0015** | | **Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace** *(23 54 16 13-0001)* | | |
| 23 54 16 13-0016 | EA | 45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 2,106.14 | 89.60 |
| 23 54 16 13-0017 | EA | 70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 2,418.52 | 102.40 |
| 23 54 16 13-0018 | EA | 90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 2,601.28 | 128.00 |
| 23 54 16 13-0019 | EA | 90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 2,773.02 | 140.81 |
| **23 54 16 13-0020** | | **Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace** *(23 54 16 13-0001)* | | |
| 23 54 16 13-0021 | EA | 40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 2,801.33 | 89.60 |
| 23 54 16 13-0022 | EA | 60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 2,940.94 | 102.40 |
| 23 54 16 13-0023 | EA | 80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 3,273.40 | 115.20 |
| 23 54 16 13-0024 | EA | 100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 3,556.61 | 140.81 |
| 23 54 16 13-0025 | EA | 120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 3,808.71 | 153.61 |
| **23 54 16 13-0026** | | **Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace** *(23 54 16 13-0001)* | | |
| 23 54 16 13-0027 | EA | 40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 1,905.32 | 89.60 |
| 23 54 16 13-0028 | EA | 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 1,998.72 | 102.40 |
| 23 54 16 13-0029 | EA | 80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 2,228.72 | 115.20 |
| 23 54 16 13-0030 | EA | 80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 2,248.81 | 115.20 |
| 23 54 16 13-0031 | EA | 80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 2,450.68 | 128.00 |
| 23 54 16 13-0032 | EA | 100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 2,576.22 | 140.81 |
| 23 54 16 13-0033 | EA | 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 2,725.86 | 153.61 |
| **23 54 16 13-0034** | | **Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace** *(23 54 16 13-0001)* | | |
| 23 54 16 13-0035 | EA | 40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 1,288.56 | 89.60 |
| 23 54 16 13-0036 | EA | 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 1,404.05 | 102.40 |
| 23 54 16 13-0037 | EA | 60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 1,607.94 | 115.20 |
| 23 54 16 13-0038 | EA | 80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 1,609.95 | 115.20 |
| 23 54 16 13-0039 | EA | 80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 1,765.62 | 128.00 |
| 23 54 16 13-0040 | EA | 100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 1,800.74 | 140.81 |
| 23 54 16 13-0041 | EA | 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 2,004.63 | 153.61 |
| **23 54 16 13-0042** | | **Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace** *(23 54 16 13-0001)* | | |
| 23 54 16 13-0043 | EA | 40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 1,308.65 | 89.60 |
| 23 54 16 13-0044 | EA | 60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 3 tons. | 1,410.08 | 102.40 |
| 23 54 16 13-0045 | EA | 80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 4 tons. | 1,698.34 | 115.20 |
| 23 54 16 13-0046 | EA | 100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace<br>Note: Blower cooling capacity up to 5 tons. | 1,868.07 | 128.00 |
| **23 54 16 13-0047** | | **75% AFUE Gas Wall/Recessed Furnace** *(23 54 16 13-0001)* | | |
| 23 54 16 13-0048 | EA | 35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace | 2,318.12 | 76.80 |
| 23 54 16 13-0049 | EA | 55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace | 2,666.13 | 96.05 |
| 23 54 16 13-0050 | EA | 35 MBH 75% AFUE Gas Wall/Recessed Furnace | 2,087.08 | 76.80 |
| 23 54 16 13-0051 | EA | 40 MBH 75% AFUE Gas Wall/Recessed Furnace | 2,229.21 | 83.25 |
| 23 54 16 13-0052 | EA | 50 MBH 75% AFUE Gas Wall/Recessed Furnace | 2,200.56 | 89.60 |
| 23 54 16 13-0053 | EA | 65 MBH 75% AFUE Gas Wall/Recessed Furnace | 2,262.43 | 96.05 |
| 23 54 16 13-0054 | EA | 75 MBH 75% AFUE Gas Wall/Recessed Furnace | 2,346.95 | 96.05 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 54 16 16** | | **Oil-Fired Furnaces** *(23 54 16)* | | |
| 23 54 16 16-0001 | | Oil Fired Forced Air Furnaces *(23 54 16 16)*<br>Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections. | | |
| 23 54 16 16-0002 | | Up Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)* | | |
| 23 54 16 16-0003 | EA | 72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace<br>Note: Blower cooling capacity up to 3 tons. | 3,768.65 | 102.40 |
| 23 54 16 16-0004 | EA | 95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace<br>Note: Blower cooling capacity up to 4 tons. | 3,966.45 | 140.81 |
| 23 54 16 16-0005 | EA | 126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace<br>Note: Blower cooling capacity up to 5 tons. | 4,573.10 | 166.41 |
| 23 54 16 16-0006 | | Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)* | | |
| 23 54 16 16-0007 | EA | 95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace<br>Note: Blower cooling capacity up to 3 tons. | 4,340.12 | 140.81 |
| 23 54 16 16-0008 | EA | 126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace<br>Note: Blower cooling capacity up to 5 tons. | 4,346.09 | 166.41 |
| 23 54 16 16-0009 | | Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)* | | |
| 23 54 16 16-0010 | EA | 95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace<br>Note: Blower cooling capacity up to 4 tons. | 3,729.38 | 140.81 |
| 23 54 16 16-0011 | EA | 127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace<br>Note: Blower cooling capacity up to 5 tons. | 4,428.46 | 166.41 |
| **23 54 19** | | **Furnace Accessories** *(23 54)* | | |
| 23 54 19 00-0001 | EA | LP Gas Furnace Conversion Kit | 181.05 | 25.60 |
| 23 54 19 00-0002 | EA | 1" Furnace External Filter Rack | 55.30 | |
| 23 54 19 00-0003 | EA | Removal And Reinstallation Of Forced Air Furnace<br>Note: Includes storage and cleaning. Excludes ductwork. | 474.09 | |
| 23 55 | | Fuel-Fired Heaters *(23 50)* | | |
| **23 55 23** | | **Gas-Fired Radiant Heaters** *(23 55)* | | |
| **23 55 23 13** | | **Low-Intensity Gas-Fired Radiant Heaters** *(23 55 23)* | | |
| 23 55 23 13-0001 | | Infrared Heaters-Radiant Energy *(23 55 23 13)*<br>Note: For spot localized or total heating, ceiling hung units, no fan required. | | |
| 23 55 23 13-0002 | | Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)*<br>Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector. | | |
| 23 55 23 13-0003 | EA | 15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan | 819.79 | 116.16 |
| 23 55 23 13-0004 | EA | 37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan | 916.36 | 127.78 |
| 23 55 23 13-0005 | EA | 50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan | 973.62 | 127.78 |
| 23 55 23 13-0006 | EA | 75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan | 1,216.07 | 153.34 |
| 23 55 23 13-0007 | EA | 100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan | 1,225.72 | 153.34 |
| 23 55 23 13-0008 | | Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)*<br>Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element. | | |
| 23 55 23 13-0009 | EA | 1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required | 887.82 | 112.64 |
| | | *For Stainless Steel Housing, Add* | *136.62* | |
| 23 55 23 13-0010 | EA | 3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required | 946.67 | 112.64 |
| | | *For Stainless Steel Housing, Add* | *151.33* | |
| 23 55 23 13-0011 | EA | 5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required | 1,013.93 | 112.64 |
| | | *For Stainless Steel Housing, Add* | *168.15* | |
| 23 55 23 13-0012 | EA | 7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required | 1,094.79 | 112.64 |
| | | *For Stainless Steel Housing, Add* | *188.36* | |
| 23 55 23 13-0013 | EA | 10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required | 1,192.87 | 122.88 |
| | | *For Stainless Steel Housing, Add* | *209.89* | |
| 23 55 23 13-0014 | EA | 13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required | 1,273.14 | 133.12 |
| | | *For Stainless Steel Housing, Add* | *226.04* | |
| 23 55 23 13-0015 | EA | 24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required | 2,024.54 | 143.37 |
| | | *For Stainless Steel Housing, Add* | *403.63* | |
| 23 55 23 13-0016 | | Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)*<br>Note: Per Tube Length. Includes controls and supports. | | |
| 23 55 23 13-0017 | | "U" Package *(23 55 23 13-0016)* | | |
| 23 55 23 13-0018 | LF | Up To 75 MBH Input Radiant Heater | 77.83 | 5.81 |
| 23 55 23 13-0019 | LF | 76 To 105 MBH Input Radiant Heater | 89.93 | 6.97 |
| 23 55 23 13-0020 | LF | 106 To 130 MBH Input Radiant Heater | 109.51 | 8.13 |
| 23 55 23 13-0021 | | "S" Straight Package *(23 55 23 13-0016)* | | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 55 23 13-0022 | LF | Up To 75 MBH Input Radiant Heater | 63.42 | 4.64 |
| 23 55 23 13-0023 | LF | 76 To 105 MBH Input Radiant Heater | 80.41 | 5.81 |
| 23 55 23 13-0024 | LF | 106 To 130 MBH Input Radiant Heater | 97.39 | 6.97 |

### 23 55 33 Fuel-Fired Unit Heaters *(23 55)*

### 23 55 33 13 Oil-Fired Unit Heaters *(23 55 33)*

23 55 33 13-0001 Oil Fired Unit Heater *(23 55 33 13)*

23 55 33 13-0002 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt *(23 55 33 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 55 33 13-0003 | EA | 97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 6,761.86 | 534.91 |
| 23 55 33 13-0004 | EA | 142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 7,259.05 | 588.41 |
| 23 55 33 13-0005 | EA | 188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 7,800.84 | 641.90 |

### 23 55 33 16 Gas-Fired Unit Heaters *(23 55 33)*

23 55 33 16-0001 Gas Fired Unit Heaters *(23 55 33 16)*

23 55 33 16-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt *(23 55 33 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 55 33 16-0003 | EA | 24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,716.68 | 200.59 |
| 23 55 33 16-0004 | EA | 36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,887.31 | 240.72 |
| 23 55 33 16-0005 | EA | 48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,914.86 | 240.72 |
| 23 55 33 16-0006 | EA | 60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,098.78 | 280.83 |
| 23 55 33 16-0007 | EA | 72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,313.51 | 320.95 |
| 23 55 33 16-0008 | EA | 81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,481.52 | 341.01 |
| 23 55 33 16-0009 | EA | 101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,551.00 | 341.01 |
| 23 55 33 16-0010 | EA | 121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,491.46 | 341.01 |
| 23 55 33 16-0011 | EA | 141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,945.08 | 361.07 |
| 23 55 33 16-0012 | EA | 162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 3,216.34 | 361.07 |
| 23 55 33 16-0013 | EA | 202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 3,441.28 | 361.07 |
| 23 55 33 16-0014 | EA | 243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 4,101.67 | 401.19 |
| 23 55 33 16-0015 | EA | 283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 4,611.11 | 401.19 |
| 23 55 33 16-0016 | EA | 324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt | 4,951.50 | 441.31 |

23 55 33 16-0017 Removal And Reinstallation Of Unit Heaters *(23 55 33 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

| | | | | |
|---|---|---|---|---|
| 23 55 33 16-0018 | EA | Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater | 667.92 | |
| 23 55 33 16-0019 | EA | Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater | 900.25 | |

## 23 57 Heat Exchangers for HVAC *(23 50)*

### 23 57 13 Steam-To-Steam Heat Exchangers *(23 57)*

23 57 13 00-0001 Steam Generator Heat Exchanger *(23 57 13)*

Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.

| | | | | |
|---|---|---|---|---|
| 23 57 13 00-0002 | EA | 75 LB/Hour Steam Generator Heat Exchanger, 35 PSI | 19,551.35 | 1,858.58 |
| 23 57 13 00-0003 | EA | 300 LB/Hour Steam Generator Heat Exchanger, 35 PSI | 26,305.21 | 1,974.75 |
| 23 57 13 00-0004 | EA | 525 LB/Hour Steam Generator Heat Exchanger, 35 PSI | 35,354.43 | 2,405.25 |

### 23 57 16 Steam-To-Water Heat Exchangers *(23 57)*

23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.

| | | | | |
|---|---|---|---|---|
| 23 57 16 00-0002 | EA | 8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 2,272.77 | 290.41 |
| | | *For Bronze Head And Tube Sheet, Add* | *848.50* | |
| | | *For Copper Nickel Tubes, Add* | *188.56* | |
| | | *For Double Wall Tube Bundles, Add* | *282.83* | |
| 23 57 16 00-0003 | EA | 10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 3,319.92 | 290.41 |
| | | *For Bronze Head And Tube Sheet, Add* | *1,284.87* | |
| | | *For Copper Nickel Tubes, Add* | *285.53* | |
| | | *For Double Wall Tube Bundles, Add* | *428.29* | |
| 23 57 16 00-0004 | EA | 40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 4,998.39 | 406.57 |
| | | *For Bronze Head And Tube Sheet, Add* | *1,987.92* | |
| | | *For Copper Nickel Tubes, Add* | *441.76* | |
| | | *For Double Wall Tube Bundles, Add* | *662.64* | |
| 23 57 16 00-0005 | EA | 64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 7,895.74 | 406.57 |
| | | *For Bronze Head And Tube Sheet, Add* | *3,030.35* | |
| | | *For Copper Nickel Tubes, Add* | *673.41* | |
| | | *For Double Wall Tube Bundles, Add* | *1,010.12* | |
| 23 57 16 00-0006 | EA | 96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 10,394.93 | 478.59 |
| | | *For Bronze Head And Tube Sheet, Add* | *4,024.31* | |
| | | *For Copper Nickel Tubes, Add* | *894.29* | |
| | | *For Double Wall Tube Bundles, Add* | *1,341.44* | |
| 23 57 16 00-0007 | EA | 120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 13,637.52 | 596.28 |
| | | *For Bronze Head And Tube Sheet, Add* | *5,284.94* | |
| | | *For Copper Nickel Tubes, Add* | *1,174.43* | |
| | | *For Double Wall Tube Bundles, Add* | *1,761.65* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 57 16 00-0008 | EA | 168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 16,845.27 | 894.98 |
| | | *For Bronze Head And Tube Sheet, Add* | *6,472.84* | |
| | | *For Copper Nickel Tubes, Add* | *1,438.41* | |
| | | *For Double Wall Tube Bundles, Add* | *2,157.61* | |
| 23 57 16 00-0009 | EA | 240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 25,487.64 | 894.98 |
| | | *For Bronze Head And Tube Sheet, Add* | *10,085.03* | |
| | | *For Copper Nickel Tubes, Add* | *2,241.12* | |
| | | *For Double Wall Tube Bundles, Add* | *3,361.68* | |

## 23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

### 23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers *(23 57 19)*

#### 23 57 19 13-0001 Plate And Frame Heat Exchanger *(23 57 19 13)*

| | | | | |
|---|---|---|---|---|
| 23 57 19 13-0002 | EA | 8" W x 18-7/8"H Plate And Frame Heat Exchanger | 3,582.16 | 290.41 |
| 23 57 19 13-0003 | EA | 8" W x 24-9/16"H Plate And Frame Heat Exchanger | 4,753.42 | 290.41 |
| 23 57 19 13-0004 | EA | 11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger | 6,333.61 | 348.49 |
| 23 57 19 13-0005 | EA | 16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger | 8,587.90 | 377.53 |
| 23 57 19 13-0006 | EA | 16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger | 9,393.14 | 377.53 |
| 23 57 19 13-0007 | EA | 24" W x 57-11/16"H Plate And Frame Heat Exchanger | 12,233.04 | 406.57 |
| 23 57 19 13-0008 | EA | 26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger | 12,891.87 | 406.57 |
| 23 57 19 13-0009 | EA | 24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger | 15,936.09 | 464.65 |
| 23 57 19 13-0010 | EA | 24" W x 69-11/16"H Plate And Frame Heat Exchanger | 19,492.75 | 522.72 |
| 23 57 19 13-0011 | EA | 26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger | 20,224.79 | 522.72 |
| 23 57 19 13-0012 | EA | 24" W x 89-13/16"H Plate And Frame Heat Exchanger | 25,021.86 | 604.11 |
| 23 57 19 13-0013 | EA | 26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger | 30,195.83 | 664.41 |
| 23 57 19 13-0014 | EA | 40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger | 34,857.22 | 724.70 |

### 23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger *(23 57 19)*

#### 23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

| | | | | |
|---|---|---|---|---|
| 23 57 19 19-0002 | EA | 7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 2,703.75 | 290.41 |
| | | *For Copper Nickel Tubes, Add* | *231.65* | |
| | | *For Double Wall Tube Bundles, Add* | *347.48* | |
| 23 57 19 19-0003 | EA | 16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 3,750.90 | 290.41 |
| | | *For Copper Nickel Tubes, Add* | *328.63* | |
| | | *For Double Wall Tube Bundles, Add* | *492.94* | |
| 23 57 19 19-0004 | EA | 34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 5,590.99 | 406.57 |
| | | *For Copper Nickel Tubes, Add* | *501.02* | |
| | | *For Double Wall Tube Bundles, Add* | *751.53* | |
| 23 57 19 19-0005 | EA | 55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 7,993.39 | 406.57 |
| | | *For Copper Nickel Tubes, Add* | *721.90* | |
| | | *For Double Wall Tube Bundles, Add* | *1,082.85* | |
| 23 57 19 19-0006 | EA | 74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 9,899.14 | 464.65 |
| | | *For Copper Nickel Tubes, Add* | *888.90* | |
| | | *For Double Wall Tube Bundles, Add* | *1,333.36* | |
| 23 57 19 19-0007 | EA | 86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 13,182.56 | 464.65 |
| | | *For Copper Nickel Tubes, Add* | *1,195.98* | |
| | | *For Double Wall Tube Bundles, Add* | *1,793.97* | |
| 23 57 19 19-0008 | EA | 112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 16,316.70 | 447.49 |
| | | *For Copper Nickel Tubes, Add* | *1,486.90* | |
| | | *For Double Wall Tube Bundles, Add* | *2,230.34* | |
| 23 57 19 19-0009 | EA | 126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 20,290.29 | 447.49 |
| | | *For Copper Nickel Tubes, Add* | *1,853.23* | |
| | | *For Double Wall Tube Bundles, Add* | *2,779.85* | |
| 23 57 19 19-0010 | EA | 152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube | 25,941.55 | 447.49 |
| | | *For Copper Nickel Tubes, Add* | *2,370.41* | |
| | | *For Double Wall Tube Bundles, Add* | *3,555.62* | |

### 23 57 19 23 Refrigerant-To-Water Heat Exchanger *(23 57 19)*

#### 23 57 19 23-0001 Heat Exchanger Refrigerant To Water *(23 57 19 23)*

| | | | | |
|---|---|---|---|---|
| 23 57 19 23-0002 | EA | 10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube | 3,057.76 | 232.33 |
| | | *For Copper Nickel Tubes, Add* | *259.31* | |
| | | *For Double Wall Tube Bundles, Add* | *388.97* | |
| 23 57 19 23-0003 | EA | 53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube | 8,108.18 | 387.17 |
| | | *For Copper Nickel Tubes, Add* | *733.38* | |
| | | *For Double Wall Tube Bundles, Add* | *1,100.07* | |
| 23 57 19 23-0004 | EA | 70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube | 10,922.61 | 505.07 |
| | | *For Copper Nickel Tubes, Add* | *991.43* | |
| | | *For Double Wall Tube Bundles, Add* | *1,487.14* | |
| 23 57 19 23-0005 | EA | 87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube | 11,728.60 | 611.35 |
| | | *For Copper Nickel Tubes, Add* | *1,050.84* | |
| | | *For Double Wall Tube Bundles, Add* | *1,576.26* | |
| 23 57 19 23-0006 | EA | 105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube | 14,123.07 | 710.72 |
| | | *For Copper Nickel Tubes, Add* | *1,267.87* | |
| | | *For Double Wall Tube Bundles, Add* | *1,901.81* | |

## 23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

## 23 61 Refrigerant Compressors *(23 60)*

### 23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

#### 23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

| | | | | |
|---|---|---|---|---|
| 23 61 16 00-0002 | EA | 1/4 Ton Refrigerant Compressor, Reciprocating Open Type | 605.55 | 110.12 |
| 23 61 16 00-0003 | EA | 1/3 Ton Refrigerant Compressor, Reciprocating Open Type | 711.83 | 110.12 |
| 23 61 16 00-0004 | EA | 1/2 Ton Refrigerant Compressor, Reciprocating Open Type | 961.75 | 137.61 |
| 23 61 16 00-0005 | EA | 3/4 Ton Refrigerant Compressor, Reciprocating Open Type | 1,180.97 | 137.61 |
| 23 61 16 00-0006 | EA | 1 Ton Refrigerant Compressor, Reciprocating Open Type | 1,313.83 | 137.61 |
| 23 61 16 00-0007 | EA | 1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type | 1,332.58 | 143.17 |
| 23 61 16 00-0008 | EA | 1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type | 1,340.33 | 143.17 |
| 23 61 16 00-0009 | EA | 1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type | 1,470.87 | 154.18 |
| 23 61 16 00-0010 | EA | 2 Ton Refrigerant Compressor, Reciprocating Open Type | 1,581.47 | 165.19 |
| 23 61 16 00-0011 | EA | 2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type | 1,723.05 | 176.20 |
| 23 61 16 00-0012 | EA | 3 Ton Refrigerant Compressor, Reciprocating Open Type | 1,951.12 | 176.20 |
| 23 61 16 00-0013 | EA | 3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type | 2,185.72 | 187.21 |
| 23 61 16 00-0014 | EA | 4 Ton Refrigerant Compressor, Reciprocating Open Type | 2,234.34 | 198.23 |
| 23 61 16 00-0015 | EA | 4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type | 2,271.89 | 203.69 |
| 23 61 16 00-0016 | EA | 5 Ton Refrigerant Compressor, Reciprocating Open Type | 3,538.52 | 1,066.28 |
| 23 61 16 00-0017 | EA | 7.5 Ton Refrigerant Compressor, Reciprocating Open Type | 5,242.99 | 1,218.54 |
| 23 61 16 00-0018 | EA | 10 Ton Refrigerant Compressor, Reciprocating Open Type | 6,947.61 | 1,370.92 |
| 23 61 16 00-0019 | EA | 12.5 Ton Refrigerant Compressor, Reciprocating Open Type | 9,103.00 | 1,485.07 |
| 23 61 16 00-0020 | EA | 15 Ton Refrigerant Compressor, Reciprocating Open Type | 11,258.72 | 1,599.41 |
| 23 61 16 00-0021 | EA | 20 Ton Refrigerant Compressor, Reciprocating Open Type | 13,510.46 | 1,919.29 |
| 23 61 16 00-0022 | EA | 25 Ton Refrigerant Compressor, Reciprocating Open Type | 16,199.41 | 2,062.87 |
| 23 61 16 00-0023 | EA | 30 Ton Refrigerant Compressor, Reciprocating Open Type | 18,774.89 | 2,181.02 |
| 23 61 16 00-0024 | EA | 50 Ton Refrigerant Compressor, Reciprocating Open Type | 24,509.06 | 2,460.67 |
| 23 61 16 00-0025 | EA | 60 Ton Refrigerant Compressor, Reciprocating Open Type | 28,813.45 | 2,525.19 |
| 23 61 16 00-0026 | EA | 70 Ton Refrigerant Compressor, Reciprocating Open Type | 35,922.21 | 2,589.62 |
| 23 61 16 00-0027 | EA | 75 Ton Refrigerant Compressor, Reciprocating Open Type | 37,702.77 | 2,621.94 |
| 23 61 16 00-0028 | EA | 80 Ton Refrigerant Compressor, Reciprocating Open Type | 39,409.19 | 2,654.15 |
| 23 61 16 00-0029 | EA | 90 Ton Refrigerant Compressor, Reciprocating Open Type | 42,603.98 | 2,718.59 |
| 23 61 16 00-0030 | EA | 100 Ton Refrigerant Compressor, Reciprocating Open Type | 45,506.67 | 2,783.22 |
| 23 61 16 00-0031 | EA | 110 Ton Refrigerant Compressor, Reciprocating Open Type | 48,466.90 | 2,945.66 |
| 23 61 16 00-0032 | EA | 120 Ton Refrigerant Compressor, Reciprocating Open Type | 50,779.54 | 3,011.58 |
| 23 61 16 00-0033 | EA | 130 Ton Refrigerant Compressor, Reciprocating Open Type | 52,758.63 | 3,049.92 |
| 23 61 16 00-0034 | EA | 140 Ton Refrigerant Compressor, Reciprocating Open Type | 54,527.72 | 3,144.28 |
| 23 61 16 00-0035 | EA | 150 Ton Refrigerant Compressor, Reciprocating Open Type | 55,960.30 | 3,210.20 |
| 23 61 16 00-0036 | EA | 175 Ton Refrigerant Compressor, Reciprocating Open Type | 57,425.23 | 3,298.17 |
| 23 61 16 00-0037 | EA | 185 Ton Refrigerant Compressor, Reciprocating Open Type | 58,810.44 | 3,333.63 |
| 23 61 16 00-0038 | EA | 200 Ton Refrigerant Compressor, Reciprocating Open Type | 60,226.31 | 3,388.80 |
| 23 61 16 00-0039 | EA | 225 Ton Refrigerant Compressor, Reciprocating Open Type | 61,914.94 | 3,617.35 |
| 23 61 16 00-0040 | EA | 250 Ton Refrigerant Compressor, Reciprocating Open Type | 63,549.09 | 3,812.35 |

#### 23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

#### 23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

| | | | | |
|---|---|---|---|---|
| 23 61 16 00-0043 | EA | 1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,047.00 | 110.12 |
| 23 61 16 00-0044 | EA | 1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,082.19 | 110.12 |
| 23 61 16 00-0045 | EA | 1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,172.43 | 137.61 |
| 23 61 16 00-0046 | EA | 3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,207.60 | 137.61 |
| 23 61 16 00-0047 | EA | 1 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,225.19 | 137.61 |
| 23 61 16 00-0048 | EA | 1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,264.34 | 143.17 |
| 23 61 16 00-0049 | EA | 1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,303.04 | 143.17 |
| 23 61 16 00-0050 | EA | 1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,398.95 | 154.18 |
| 23 61 16 00-0051 | EA | 2 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,491.35 | 165.19 |
| 23 61 16 00-0052 | EA | 2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,618.89 | 176.20 |
| 23 61 16 00-0053 | EA | 3 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,689.26 | 176.20 |
| 23 61 16 00-0054 | EA | 3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 1,816.82 | 187.21 |
| 23 61 16 00-0055 | EA | 4 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 2,155.49 | 198.23 |
| 23 61 16 00-0056 | EA | 4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 2,359.97 | 203.69 |

#### 23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

| | | | | |
|---|---|---|---|---|
| 23 61 16 00-0058 | EA | 5 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 2,980.58 | 548.37 |
| 23 61 16 00-0059 | EA | 10 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 5,651.80 | 685.46 |
| 23 61 16 00-0060 | EA | 15 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 9,420.52 | 834.49 |
| 23 61 16 00-0061 | EA | 20 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 11,994.53 | 959.64 |
| 23 61 16 00-0062 | EA | 25 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 13,247.16 | 1,066.28 |
| 23 61 16 00-0063 | EA | 30 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 14,688.18 | 1,199.56 |
| 23 61 16 00-0064 | EA | 35 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 18,988.08 | 1,370.92 |
| 23 61 16 00-0065 | EA | 40 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 24,399.98 | 1,370.92 |
| 23 61 16 00-0066 | EA | 50 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 30,131.13 | 1,599.41 |
| 23 61 16 00-0067 | EA | 60 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 33,917.49 | 1,713.66 |
| 23 61 16 00-0068 | EA | 70 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 35,835.81 | 1,795.89 |
| 23 61 16 00-0069 | EA | 75 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 36,842.46 | 1,884.61 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 61 16 00-0070 | EA | 80 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 37,885.95 | 1,891.91 |
| 23 61 16 00-0071 | EA | 90 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 39,796.30 | 1,980.95 |
| 23 61 16 00-0072 | EA | 100 Ton Refrigerant Compressor, Reciprocating Hermetic Type | 41,725.40 | 2,062.87 |

### 23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

| | | | | |
|---|---|---|---|---|
| 23 61 19 00-0002 | EA | Up To 3 Ton Scroll Refrigerant Compressor | 1,272.71 | 176.00 |
| 23 61 19 00-0003 | EA | 3.5 Ton Scroll Refrigerant Compressor | 1,335.21 | 187.32 |
| 23 61 19 00-0004 | EA | 4 Ton Scroll Refrigerant Compressor | 1,369.57 | 198.13 |
| 23 61 19 00-0005 | EA | 4.5 Ton Scroll Refrigerant Compressor | 1,396.83 | 203.79 |
| 23 61 19 00-0006 | EA | 5 Ton Scroll Refrigerant Compressor | 1,731.86 | 257.30 |
| 23 61 19 00-0007 | EA | 7.5 Ton Scroll Refrigerant Compressor | 3,269.69 | 385.96 |
| 23 61 19 00-0008 | EA | 8.75 Ton Scroll Refrigerant Compressor | 3,743.41 | 450.29 |
| 23 61 19 00-0009 | EA | 10 Ton Scroll Refrigerant Compressor | 4,196.81 | 514.61 |
| 23 61 19 00-0010 | EA | 12 Ton Scroll Refrigerant Compressor | 5,070.85 | 617.53 |
| 23 61 19 00-0011 | EA | 13.5 Ton Scroll Refrigerant Compressor | 5,970.00 | 694.72 |
| 23 61 19 00-0012 | EA | 15 Ton Scroll Refrigerant Compressor | 6,990.76 | 771.92 |
| 23 61 19 00-0013 | EA | 20 Ton Scroll Refrigerant Compressor | 9,836.49 | 1,029.22 |
| 23 61 19 00-0014 | EA | 25 Ton Scroll Refrigerant Compressor | 11,123.54 | 1,286.52 |
| 23 61 19 00-0015 | EA | 30 Ton Scroll Refrigerant Compressor | 11,938.80 | 1,543.83 |

### 23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

| | | | | |
|---|---|---|---|---|
| 23 61 23 00-0002 | EA | 75 Ton Refrigerant Compressor, Rotary Screw Type | 43,073.09 | 2,621.94 |
| 23 61 23 00-0003 | EA | 80 Ton Refrigerant Compressor, Rotary Screw Type | 44,383.44 | 2,654.15 |
| 23 61 23 00-0004 | EA | 90 Ton Refrigerant Compressor, Rotary Screw Type | 47,224.05 | 2,718.59 |
| 23 61 23 00-0005 | EA | 100 Ton Refrigerant Compressor, Rotary Screw Type | 50,035.04 | 2,783.22 |
| 23 61 23 00-0006 | EA | 110 Ton Refrigerant Compressor, Rotary Screw Type | 53,676.86 | 2,945.66 |
| 23 61 23 00-0007 | EA | 120 Ton Refrigerant Compressor, Rotary Screw Type | 56,965.13 | 3,011.58 |
| 23 61 23 00-0008 | EA | 130 Ton Refrigerant Compressor, Rotary Screw Type | 60,182.76 | 3,049.92 |
| 23 61 23 00-0009 | EA | 140 Ton Refrigerant Compressor, Rotary Screw Type | 63,511.41 | 3,144.28 |
| 23 61 23 00-0010 | EA | 150 Ton Refrigerant Compressor, Rotary Screw Type | 66,802.46 | 3,210.20 |
| 23 61 23 00-0011 | EA | 170 Ton Refrigerant Compressor, Rotary Screw Type | 71,432.17 | 3,298.17 |
| 23 61 23 00-0012 | EA | 185 Ton Refrigerant Compressor, Rotary Screw Type | 74,672.81 | 3,333.63 |
| 23 61 23 00-0013 | EA | 200 Ton Refrigerant Compressor, Rotary Screw Type | 76,179.98 | 3,388.80 |
| 23 61 23 00-0014 | EA | 215 Ton Refrigerant Compressor, Rotary Screw Type | 85,524.17 | 3,617.35 |
| 23 61 23 00-0015 | EA | 225 Ton Refrigerant Compressor, Rotary Screw Type | 94,744.25 | 3,812.35 |

## 23 62 Packaged Compressor and Condenser Units *(23 60)*

### 23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors *(23 62 13)*

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

| | | | | |
|---|---|---|---|---|
| 23 62 13 00-0002 | EA | 1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 6,778.91 | 951.00 |
| 23 62 13 00-0003 | EA | 5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 14,938.73 | 1,018.93 |
| 23 62 13 00-0004 | EA | 10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 26,172.62 | 1,086.85 |
| 23 62 13 00-0005 | EA | 15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 30,992.05 | 1,154.79 |
| 23 62 13 00-0006 | EA | 20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 36,754.80 | 1,222.72 |
| 23 62 13 00-0007 | EA | 25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 40,733.85 | 1,358.57 |
| 23 62 13 00-0008 | EA | 30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 41,853.13 | 1,474.71 |
| 23 62 13 00-0009 | EA | 40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 45,028.77 | 1,686.64 |
| 23 62 13 00-0010 | EA | 50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 48,046.99 | 1,827.19 |
| 23 62 13 00-0011 | EA | 60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 55,067.41 | 1,967.75 |
| 23 62 13 00-0012 | EA | 75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 62,257.28 | 2,178.58 |
| 23 62 13 00-0013 | EA | 80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 65,849.89 | 2,297.05 |
| 23 62 13 00-0014 | EA | 90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 74,345.16 | 2,440.62 |
| 23 62 13 00-0015 | EA | 100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube | 81,259.74 | 2,584.19 |

23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type *(23 62 13)*

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

| | | | | |
|---|---|---|---|---|
| 23 62 13 00-0017 | EA | 1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 6,474.28 | 951.00 |
| 23 62 13 00-0018 | EA | 5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 13,204.85 | 1,018.93 |
| 23 62 13 00-0019 | EA | 10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 20,563.29 | 1,086.85 |
| 23 62 13 00-0020 | EA | 15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 22,207.55 | 1,154.79 |
| 23 62 13 00-0021 | EA | 20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 23,851.83 | 1,222.72 |
| 23 62 13 00-0022 | EA | 25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 28,261.35 | 1,358.57 |
| 23 62 13 00-0023 | EA | 30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 31,940.39 | 1,474.71 |
| 23 62 13 00-0024 | EA | 40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 40,949.08 | 1,686.64 |
| 23 62 13 00-0025 | EA | 50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 45,926.20 | 1,827.19 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 62 13 00-0026 | EA | 60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 49,709.51 | 1,967.75 |
| 23 62 13 00-0027 | EA | 75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 57,162.07 | 2,178.58 |
| 23 62 13 00-0028 | EA | 80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 60,593.07 | 2,297.05 |
| 23 62 13 00-0029 | EA | 90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 66,466.51 | 2,440.62 |
| 23 62 13 00-0030 | EA | 100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems | 75,791.99 | 2,584.19 |

### 23 62 13 00-0031 Packaged Chiller With Remote Air Cooled Condenser *(23 62 13)*

Note: With remote air cooled condenser rated by cooling capacity, Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

| | | | | |
|---|---|---|---|---|
| 23 62 13 00-0032 | EA | 15 Ton Packaged Chiller With Remote Air Cooled Condensers | 35,351.56 | 8,194.90 |
| | | *For Gas Fired Engine Driven, Add* | *5,841.70* | |
| 23 62 13 00-0033 | EA | 20 Ton Packaged Chiller With Remote Air Cooled Condensers | 39,692.77 | 8,637.85 |
| | | *For Gas Fired Engine Driven, Add* | *6,643.53* | |
| 23 62 13 00-0034 | EA | 25 Ton Packaged Chiller With Remote Air Cooled Condensers | 45,849.66 | 9,399.93 |
| | | *For Gas Fired Engine Driven, Add* | *7,760.64* | |
| 23 62 13 00-0035 | EA | 30 Ton Packaged Chiller With Remote Air Cooled Condensers | 51,076.13 | 9,987.48 |
| | | *For Gas Fired Engine Driven, Add* | *8,717.85* | |
| 23 62 13 00-0036 | EA | 40 Ton Packaged Chiller With Remote Air Cooled Condensers | 63,322.14 | 11,020.65 |
| | | *For Gas Fired Engine Driven, Add* | *11,012.16* | |
| 23 62 13 00-0037 | EA | 50 Ton Packaged Chiller With Remote Air Cooled Condensers | 69,595.03 | 11,414.20 |
| | | *For Gas Fired Engine Driven, Add* | *12,207.72* | |
| 23 62 13 00-0038 | EA | 60 Ton Packaged Chiller With Remote Air Cooled Condensers | 75,591.34 | 12,292.24 |
| | | *For Gas Fired Engine Driven, Add* | *13,275.35* | |
| 23 62 13 00-0039 | EA | 70 Ton Packaged Chiller With Remote Air Cooled Condensers | 91,334.08 | 13,152.27 |
| | | *For Gas Fired Engine Driven, Add* | *16,270.32* | |
| 23 62 13 00-0040 | EA | 75 Ton Packaged Chiller With Remote Air Cooled Condensers | 92,681.28 | 13,602.00 |
| | | *For Gas Fired Engine Driven, Add* | *16,496.97* | |
| 23 62 13 00-0041 | EA | 80 Ton Packaged Chiller With Remote Air Cooled Condensers | 94,487.20 | 14,193.44 |
| | | *For Gas Fired Engine Driven, Add* | *16,769.49* | |
| 23 62 13 00-0042 | EA | 90 Ton Packaged Chiller With Remote Air Cooled Condensers | 104,517.20 | 14,838.62 |
| | | *For Gas Fired Engine Driven, Add* | *18,678.76* | |
| 23 62 13 00-0043 | EA | 100 Ton Packaged Chiller With Remote Air Cooled Condensers | 115,326.45 | 15,545.25 |
| | | *For Gas Fired Engine Driven, Add* | *20,734.68* | |
| 23 62 13 00-0044 | EA | 110 Ton Packaged Chiller With Remote Air Cooled Condensers | 127,541.61 | 16,322.46 |
| | | *For Gas Fired Engine Driven, Add* | *23,061.18* | |
| 23 62 13 00-0045 | EA | 120 Ton Packaged Chiller With Remote Air Cooled Condensers | 137,743.77 | 17,181.57 |
| | | *For Gas Fired Engine Driven, Add* | *24,972.81* | |
| 23 62 13 00-0046 | EA | 140 Ton Packaged Chiller With Remote Air Cooled Condensers | 151,710.40 | 18,136.07 |
| | | *For Gas Fired Engine Driven, Add* | *27,623.03* | |

## 23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

### 23 62 23 00-0001 Water Cooled Condensing Units *(23 62 23)*

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

| | | | | |
|---|---|---|---|---|
| 23 62 23 00-0002 | EA | 5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor | 7,216.04 | 743.54 |
| 23 62 23 00-0003 | EA | 10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor | 10,941.01 | 1,085.88 |
| 23 62 23 00-0004 | EA | 15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor | 12,520.51 | 1,176.82 |
| 23 62 23 00-0005 | EA | 20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor | 15,521.43 | 1,412.18 |
| 23 62 23 00-0006 | EA | 30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor | 16,779.26 | 1,661.46 |
| 23 62 23 00-0007 | EA | 60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor | 35,390.45 | 2,414.06 |
| 23 62 23 00-0008 | EA | 80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor | 43,917.33 | 2,913.56 |
| 23 62 23 00-0009 | EA | 120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor | 60,684.07 | 3,187.89 |

# 23 63 Refrigerant Condensers *(23 60)*

## 23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

### 23 63 13 00-0001 Air Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

| | | | | |
|---|---|---|---|---|
| 23 63 13 00-0002 | EA | 6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 5,039.80 | 743.54 |
| | | *For >10 To 25, Deduct* | *-117.41* | |
| | | *For >25 To 50, Deduct* | *-195.68* | |
| | | *For >50, Deduct* | *-313.09* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *790.31* | |
| | | *For Winter Start Control, Add* | *269.16* | |
| 23 63 13 00-0003 | EA | 7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 6,033.68 | 882.62 |
| | | *For >10 To 25, Deduct* | *-140.89* | |
| | | *For >25 To 50, Deduct* | *-234.82* | |
| | | *For >50, Deduct* | *-375.71* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *710.03* | |
| | | *For Winter Start Control, Add* | *227.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 63 13 00-0004 | EA | 10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 7,823.70 | 1,085.88 |
| | | *For >10 To 25, Deduct* | *-185.33* | |
| | | *For >25 To 50, Deduct* | *-308.89* | |
| | | *For >50, Deduct* | *-494.22* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *843.92* | |
| | | *For Winter Start Control, Add* | *288.15* | |
| 23 63 13 00-0005 | EA | 12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 9,607.35 | 1,129.75 |
| | | *For >10 To 25, Deduct* | *-236.87* | |
| | | *For >25 To 50, Deduct* | *-394.78* | |
| | | *For >50, Deduct* | *-631.65* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *980.63* | |
| | | *For Winter Start Control, Add* | *329.09* | |
| 23 63 13 00-0006 | EA | 15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 11,396.48 | 1,176.82 |
| | | *For >10 To 25, Deduct* | *-288.40* | |
| | | *For >25 To 50, Deduct* | *-480.67* | |
| | | *For >50, Deduct* | *-769.07* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *1,022.57* | |
| | | *For Winter Start Control, Add* | *274.44* | |
| 23 63 13 00-0007 | EA | 20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 14,652.88 | 1,412.18 |
| | | *For >10 To 25, Deduct* | *-375.40* | |
| | | *For >25 To 50, Deduct* | *-625.66* | |
| | | *For >50, Deduct* | *-1,001.06* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *1,285.71* | |
| | | *For Winter Start Control, Add* | *339.10* | |
| 23 63 13 00-0008 | EA | 25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 16,641.07 | 1,519.17 |
| | | *For >10 To 25, Deduct* | *-430.24* | |
| | | *For >25 To 50, Deduct* | *-717.07* | |
| | | *For >50, Deduct* | *-1,147.31* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *1,363.71* | |
| | | *For Winter Start Control, Add* | *373.39* | |
| 23 63 13 00-0009 | EA | 30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 19,056.68 | 1,658.25 |
| | | *For >10 To 25, Deduct* | *-496.43* | |
| | | *For >25 To 50, Deduct* | *-827.38* | |
| | | *For >50, Deduct* | *-1,323.81* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *1,454.63* | |
| | | *For Winter Start Control, Add* | *416.38* | |
| 23 63 13 00-0010 | EA | 40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 26,049.42 | 1,920.27 |
| | | *For >10 To 25, Deduct* | *-692.64* | |
| | | *For >25 To 50, Deduct* | *-1,154.40* | |
| | | *For >50, Deduct* | *-1,847.04* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *1,894.76* | |
| | | *For Winter Start Control, Add* | *527.03* | |
| 23 63 13 00-0011 | EA | 50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 31,657.05 | 2,414.06 |
| | | *For >10 To 25, Deduct* | *-838.02* | |
| | | *For >25 To 50, Deduct* | *-1,396.70* | |
| | | *For >50, Deduct* | *-2,234.73* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *2,048.11* | |
| | | *For Winter Start Control, Add* | *511.97* | |
| 23 63 13 00-0012 | EA | 60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 36,415.10 | 2,664.38 |
| | | *For >10 To 25, Deduct* | *-972.44* | |
| | | *For >25 To 50, Deduct* | *-1,620.73* | |
| | | *For >50, Deduct* | *-2,593.16* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *2,296.72* | |
| | | *For Winter Start Control, Add* | *562.13* | |
| 23 63 13 00-0013 | EA | 80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 47,044.45 | 2,913.56 |
| | | *For >10 To 25, Deduct* | *-1,276.54* | |
| | | *For >25 To 50, Deduct* | *-2,127.56* | |
| | | *For >50, Deduct* | *-3,404.10* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *2,825.36* | |
| | | *For Winter Start Control, Add* | *662.08* | |
| 23 63 13 00-0014 | EA | 100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 64,754.41 | 2,623.34 |
| | | *For >10 To 25, Deduct* | *-1,782.42* | |
| | | *For >25 To 50, Deduct* | *-2,970.70* | |
| | | *For >50, Deduct* | *-4,753.13* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *3,117.51* | |
| | | *For Winter Start Control, Add* | *831.10* | |
| 23 63 13 00-0015 | EA | 120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor | 79,591.96 | 2,712.28 |
| | | *For >10 To 25, Deduct* | *-2,222.12* | |
| | | *For >25 To 50, Deduct* | *-3,703.53* | |
| | | *For >50, Deduct* | *-5,925.65* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *3,602.46* | |

## 23 63 13 00-0016 Air Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.

| | | | | |
|---|---|---|---|---|
| 23 63 13 00-0017 | EA | 1.5 Ton, 14 SEER, Air Cooled Condensing Unit<br>Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. | 1,958.60 | 332.84 |
| | | *For >10 To 25, Deduct* | *-43.78* | |
| | | *For >25 To 50, Deduct* | *-72.97* | |
| | | *For >50, Deduct* | *-116.75* | |
| | | *For 15 SEER, Add* | *350.24* | |
| | | *For 16 SEER, Add* | *598.33* | |
| | | *For 18 SEER, Add* | *1,255.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 63 13 00-0018 | EA | 2 Ton, 14 SEER, Air Cooled Condensing Unit | 2,107.05 | 369.99 |
| | | Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. | | |
| | | *For >10 To 25, Deduct* | *-46.57* | |
| | | *For >25 To 50, Deduct* | *-77.62* | |
| | | *For >50, Deduct* | *-124.19* | |
| | | *For 15 SEER, Add* | *372.56* | |
| | | *For 16 SEER, Add* | *636.46* | |
| | | *For 18 SEER, Add* | *1,335.00* | |
| 23 63 13 00-0019 | EA | 2.5 Ton, 14 SEER, Air Cooled Condensing Unit | 2,236.59 | 407.00 |
| | | Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. | | |
| | | *For >10 To 25, Deduct* | *-48.79* | |
| | | *For >25 To 50, Deduct* | *-81.32* | |
| | | *For >50, Deduct* | *-130.11* | |
| | | *For 15 SEER, Add* | *390.34* | |
| | | *For 16 SEER, Add* | *666.82* | |
| | | *For 18 SEER, Add* | *1,398.70* | |
| 23 63 13 00-0020 | EA | 3 Ton, 14 SEER, Air Cooled Condensing Unit | 2,567.86 | 443.77 |
| | | Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. | | |
| | | *For >10 To 25, Deduct* | *-57.07* | |
| | | *For >25 To 50, Deduct* | *-95.11* | |
| | | *For >50, Deduct* | *-152.18* | |
| | | *For 15 SEER, Add* | *456.53* | |
| | | *For 16 SEER, Add* | *779.90* | |
| | | *For 18 SEER, Add* | *1,635.89* | |
| 23 63 13 00-0021 | EA | 3.5 Ton, 14 SEER, Air Cooled Condensing Unit | 2,719.46 | 480.99 |
| | | Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. | | |
| | | *For >10 To 25, Deduct* | *-59.95* | |
| | | *For >25 To 50, Deduct* | *-99.92* | |
| | | *For >50, Deduct* | *-159.87* | |
| | | *For 15 SEER, Add* | *479.60* | |
| | | *For 16 SEER, Add* | *819.32* | |
| | | *For 18 SEER, Add* | *1,718.56* | |
| 23 63 13 00-0022 | EA | 4 Ton, 14 SEER, Air Cooled Condensing Unit | 3,030.25 | 518.00 |
| | | Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. | | |
| | | *For >10 To 25, Deduct* | *-67.61* | |
| | | *For >25 To 50, Deduct* | *-112.68* | |
| | | *For >50, Deduct* | *-180.29* | |
| | | *For 15 SEER, Add* | *540.87* | |
| | | *For 16 SEER, Add* | *923.99* | |
| | | *For 18 SEER, Add* | *1,938.13* | |
| 23 63 13 00-0023 | EA | 5 Ton, 14 SEER, Air Cooled Condensing Unit | 3,418.95 | 554.72 |
| | | Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. | | |
| | | *For >10 To 25, Deduct* | *-77.61* | |
| | | *For >25 To 50, Deduct* | *-129.34* | |
| | | *For >50, Deduct* | *-206.95* | |
| | | *For 15 SEER, Add* | *620.85* | |
| | | *For 16 SEER, Add* | *1,060.62* | |
| | | *For 18 SEER, Add* | *2,224.72* | |

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*
Note: Includes storage and cleaning.

| | | | |
|---|---|---|---|
| 23 63 13 00-0025 | EA | Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit | 341.34 |
| 23 63 13 00-0026 | EA | Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit | 1,280.04 |
| 23 63 13 00-0027 | EA | Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit | 2,247.56 |

## 23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

### 23 64 13 Absorption Water Chillers *(23 64)*

#### 23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers *(23 64 13 16)*
Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

| | | | | |
|---|---|---|---|---|
| 23 64 13 16-0002 | EA | 50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 190,635.43 | 11,180.38 |
| | | *For Two Stage Unit, Add* | *124,500.50* | |
| 23 64 13 16-0003 | EA | 100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 240,978.72 | 13,051.45 |
| | | *For Two Stage Unit, Add* | *158,243.95* | |
| 23 64 13 16-0004 | EA | 150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 305,236.34 | 14,030.30 |
| | | *For Two Stage Unit, Add* | *202,441.20* | |
| 23 64 13 16-0005 | EA | 200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 338,980.26 | 15,009.16 |
| | | *For Two Stage Unit, Add* | *225,278.86* | |
| 23 64 13 16-0006 | EA | 250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 378,417.63 | 15,444.21 |
| | | *For Two Stage Unit, Add* | *252,536.98* | |
| 23 64 13 16-0007 | EA | 300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 426,125.03 | 15,988.01 |
| | | *For Two Stage Unit, Add* | *285,497.11* | |
| 23 64 13 16-0008 | EA | 350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 456,879.78 | 16,531.83 |
| | | *For Two Stage Unit, Add* | *306,590.38* | |
| 23 64 13 16-0009 | EA | 400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 543,383.18 | 17,401.93 |
| | | *For Two Stage Unit, Add* | *366,446.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 64 13 16-0010 | EA | 500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 608,043.24 | 17,945.73 |
| | | *For Two Stage Unit, Add* | *411,273.68* | |
| 23 64 13 16-0011 | EA | 650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 736,275.70 | 18,489.55 |
| | | *For Two Stage Unit, Add* | *500,601.35* | |
| 23 64 13 16-0012 | EA | 750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 798,220.21 | 19,794.68 |
| | | *For Two Stage Unit, Add* | *542,918.40* | |
| 23 64 13 16-0013 | EA | 850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 855,709.09 | 20,991.07 |
| | | *For Two Stage Unit, Add* | *582,203.51* | |
| 23 64 13 16-0014 | EA | 950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 916,807.91 | 21,873.36 |
| | | *For Two Stage Unit, Add* | *624,266.86* | |
| 23 64 13 16-0015 | EA | 1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 1,049,364.61 | 22,406.84 |
| | | *For Two Stage Unit, Add* | *716,587.06* | |
| 23 64 13 16-0016 | EA | 1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 1,149,296.38 | 23,687.25 |
| | | *For Two Stage Unit, Add* | *785,557.68* | |
| 23 64 13 16-0017 | EA | 1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 1,342,147.66 | 24,754.23 |
| | | *For Two Stage Unit, Add* | *919,699.97* | |
| 23 64 13 16-0018 | EA | 1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller | 1,568,687.77 | 25,501.13 |
| | | *For Two Stage Unit, Add* | *1,077,680.54* | |

## 23 64 16 Centrifugal Water Chillers *(23 64)*

### 23 64 16 16 Water-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

| | | | | |
|---|---|---|---|---|
| 23 64 16 16-0002 | EA | 180 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 148,397.28 | 6,205.42 |
| | | *For 208/230 Voltage Motor Rating, Add* | *5,537.17* | |
| 23 64 16 16-0003 | EA | 200 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 162,222.92 | 6,362.57 |
| | | *For 208/230 Voltage Motor Rating, Add* | *6,079.97* | |
| 23 64 16 16-0004 | EA | 225 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 178,933.15 | 6,524.31 |
| | | *For 208/230 Voltage Motor Rating, Add* | *6,738.11* | |
| 23 64 16 16-0005 | EA | 250 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 195,241.26 | 6,785.88 |
| | | *For 208/230 Voltage Motor Rating, Add* | *7,373.63* | |
| 23 64 16 16-0006 | EA | 275 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 211,179.08 | 7,169.05 |
| | | *For 208/230 Voltage Motor Rating, Add* | *7,986.52* | |
| 23 64 16 16-0007 | EA | 300 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 226,534.25 | 7,541.78 |
| | | *For 208/230 Voltage Motor Rating, Add* | *8,576.79* | |
| 23 64 16 16-0008 | EA | 325 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 241,387.70 | 7,955.29 |
| | | *For 208/230 Voltage Motor Rating, Add* | *9,144.35* | |
| 23 64 16 16-0009 | EA | 350 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 255,643.08 | 8,347.60 |
| | | *For 208/230 Voltage Motor Rating, Add* | *9,689.36* | |
| 23 64 16 16-0010 | EA | 375 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 269,275.57 | 8,705.32 |
| | | *For 208/230 Voltage Motor Rating, Add* | *10,211.68* | |
| 23 64 16 16-0011 | EA | 400 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 282,221.43 | 8,987.77 |
| | | *For 208/230 Voltage Motor Rating, Add* | *10,711.36* | |
| 23 64 16 16-0012 | EA | 425 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 294,863.04 | 9,433.04 |
| | | *For 208/230 Voltage Motor Rating, Add* | *11,188.42* | |
| 23 64 16 16-0013 | EA | 450 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 306,808.44 | 9,796.96 |
| | | *For 208/230 Voltage Motor Rating, Add* | *11,642.85* | |
| 23 64 16 16-0014 | EA | 475 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 318,180.52 | 10,156.20 |
| | | *For 208/230 Voltage Motor Rating, Add* | *12,074.65* | |
| 23 64 16 16-0015 | EA | 500 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 328,856.83 | 10,434.41 |
| | | *For 208/230 Voltage Motor Rating, Add* | *12,483.82* | |
| 23 64 16 16-0016 | EA | 550 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 348,211.14 | 10,804.42 |
| | | *For 208/230 Voltage Motor Rating, Add* | *13,234.22* | |
| 23 64 16 16-0017 | EA | 600 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 365,085.61 | 11,039.34 |
| | | *For 208/230 Voltage Motor Rating, Add* | *13,894.11* | |
| 23 64 16 16-0018 | EA | 650 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 380,194.86 | 11,585.01 |
| | | *For 208/230 Voltage Motor Rating, Add* | *14,463.42* | |
| 23 64 16 16-0019 | EA | 700 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 393,054.50 | 12,138.93 |
| | | *For 208/230 Voltage Motor Rating, Add* | *14,942.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 64 16 16-0020 | EA | 750 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 403,744.06 | 12,748.32 |
| | | *For 208/230 Voltage Motor Rating, Add* | *15,330.63* | |
| 23 64 16 16-0021 | EA | 800 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 428,851.01 | 13,363.38 |
| | | *For 208/230 Voltage Motor Rating, Add* | *16,295.39* | |
| 23 64 16 16-0022 | EA | 850 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 453,780.60 | 13,976.46 |
| | | *For 208/230 Voltage Motor Rating, Add* | *17,253.19* | |
| 23 64 16 16-0023 | EA | 900 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 478,627.47 | 14,648.39 |
| | | *For 208/230 Voltage Motor Rating, Add* | *18,203.89* | |
| 23 64 16 16-0024 | EA | 950 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 503,404.30 | 15,388.19 |
| | | *For 208/230 Voltage Motor Rating, Add* | *19,147.43* | |
| 23 64 16 16-0025 | EA | 1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 527,228.61 | 15,815.19 |
| | | *For 208/230 Voltage Motor Rating, Add* | *20,083.80* | |
| 23 64 16 16-0026 | EA | 1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 571,977.57 | 18,248.35 |
| | | *For 208/230 Voltage Motor Rating, Add* | *21,719.09* | |
| 23 64 16 16-0027 | EA | 1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 615,044.03 | 20,688.45 |
| | | *For 208/230 Voltage Motor Rating, Add* | *23,286.63* | |
| 23 64 16 16-0028 | EA | 1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 655,676.70 | 22,665.06 |
| | | *For 208/230 Voltage Motor Rating, Add* | *24,786.29* | |
| 23 64 16 16-0029 | EA | 1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 693,404.99 | 23,882.07 |
| | | *For 208/230 Voltage Motor Rating, Add* | *26,218.06* | |
| 23 64 16 16-0030 | EA | 1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 729,368.18 | 25,059.29 |
| | | *For 208/230 Voltage Motor Rating, Add* | *27,581.75* | |
| 23 64 16 16-0031 | EA | 1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 762,934.42 | 25,785.70 |
| | | *For 208/230 Voltage Motor Rating, Add* | *28,878.23* | |
| 23 64 16 16-0032 | EA | 1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 796,503.20 | 27,584.64 |
| | | *For 208/230 Voltage Motor Rating, Add* | *30,106.62* | |
| 23 64 16 16-0033 | EA | 1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 827,654.34 | 28,930.23 |
| | | *For 208/230 Voltage Motor Rating, Add* | *31,267.13* | |
| 23 64 16 16-0034 | EA | 1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 857,744.40 | 30,676.04 |
| | | *For 208/230 Voltage Motor Rating, Add* | *32,359.75* | |
| 23 64 16 16-0035 | EA | 2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 885,107.41 | 31,771.64 |
| | | *For 208/230 Voltage Motor Rating, Add* | *33,384.63* | |
| 23 64 16 16-0036 | EA | 2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 942,660.08 | 33,570.05 |
| | | *For 208/230 Voltage Motor Rating, Add* | *35,650.02* | |
| 23 64 16 16-0037 | EA | 2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller<br>Note: Includes integral heat exchanger, controls, and 440/460 V motor. | 993,836.46 | 35,584.21 |
| | | *For 208/230 Voltage Motor Rating, Add* | *37,491.43* | |

## 23 64 23 Scroll Water Chillers *(23 64)*

### 23 64 23 13 Air-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 13-0001 Packaged Air Cooled Scroll Water Chillers *(23 64 23 13)*

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 64 23 13-0002 | EA | 10 Ton Packaged Air Cooled Scroll Water Chiller | 23,289.97 | 1,732.85 |
| 23 64 23 13-0003 | EA | 15 Ton Packaged Air Cooled Scroll Water Chiller | 33,974.10 | 1,755.07 |
| 23 64 23 13-0004 | EA | 18 Ton Packaged Air Cooled Scroll Water Chiller | 37,068.62 | 1,877.25 |
| 23 64 23 13-0005 | EA | 22 Ton Packaged Air Cooled Scroll Water Chiller | 40,765.73 | 2,010.55 |
| 23 64 23 13-0006 | EA | 25 Ton Packaged Air Cooled Scroll Water Chiller | 41,457.36 | 2,143.85 |
| 23 64 23 13-0007 | EA | 30 Ton Packaged Air Cooled Scroll Water Chiller | 43,757.16 | 2,299.36 |
| 23 64 23 13-0008 | EA | 40 Ton Packaged Air Cooled Scroll Water Chiller | 49,994.10 | 2,488.20 |
| 23 64 23 13-0009 | EA | 45 Ton Packaged Air Cooled Scroll Water Chiller | 53,695.07 | 2,699.24 |
| 23 64 23 13-0010 | EA | 50 Ton Packaged Air Cooled Scroll Water Chiller | 56,682.28 | 2,777.00 |
| 23 64 23 13-0011 | EA | 55 Ton Packaged Air Cooled Scroll Water Chiller | 59,200.08 | 2,899.19 |
| 23 64 23 13-0012 | EA | 60 Ton Packaged Air Cooled Scroll Water Chiller | 61,189.20 | 2,999.16 |
| 23 64 23 13-0013 | EA | 70 Ton Packaged Air Cooled Scroll Water Chiller | 70,570.72 | 3,376.84 |
| 23 64 23 13-0014 | EA | 80 Ton Packaged Air Cooled Scroll Water Chiller | 75,982.52 | 3,698.97 |
| 23 64 23 13-0015 | EA | 90 Ton Packaged Air Cooled Scroll Water Chiller | 77,349.60 | 3,710.07 |
| 23 64 23 13-0016 | EA | 100 Ton Packaged Air Cooled Scroll Water Chiller | 81,784.26 | 3,721.18 |
| 23 64 23 13-0017 | EA | 110 Ton Packaged Air Cooled Scroll Water Chiller | 86,099.86 | 3,732.29 |
| 23 64 23 13-0018 | EA | 120 Ton Packaged Air Cooled Scroll Water Chiller | 90,469.09 | 3,743.39 |
| 23 64 23 13-0019 | EA | 130 Ton Packaged Air Cooled Scroll Water Chiller | 95,064.53 | 3,754.51 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 23 64 23 16 Water-Cooled Scroll Water Chillers *(23 64 23)*

### 23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers *(23 64 23 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

| | | | | |
|---|---|---|---|---|
| 23 64 23 16-0002 | EA | 20 Ton Packaged Water Cooled Scroll Water Chiller | 26,312.96 | 2,037.38 |
| 23 64 23 16-0003 | EA | 25 Ton Packaged Water Cooled Scroll Water Chiller | 30,200.88 | 2,098.93 |
| 23 64 23 16-0004 | EA | 30 Ton Packaged Water Cooled Scroll Water Chiller | 33,496.77 | 2,304.19 |
| 23 64 23 16-0005 | EA | 40 Ton Packaged Water Cooled Scroll Water Chiller | 41,104.01 | 2,853.56 |
| 23 64 23 16-0006 | EA | 50 Ton Packaged Water Cooled Scroll Water Chiller | 45,463.32 | 3,127.20 |
| 23 64 23 16-0007 | EA | 60 Ton Packaged Water Cooled Scroll Water Chiller | 47,820.50 | 3,455.17 |

## 23 64 26 Rotary-Screw Water Chillers *(23 64)*

## 23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

### 23 64 26 13-0001 Packaged Air Cooled Rotary-Screw Water Chillers *(23 64 26 13)*

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 64 26 13-0002 | EA | 70 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 100,391.35 | 4,254.37 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-1,410.23* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *3,760.61* | |
| 23 64 26 13-0003 | EA | 80 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 107,897.12 | 4,620.93 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-1,514.65* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *4,039.07* | |
| 23 64 26 13-0004 | EA | 90 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 113,497.58 | 4,820.88 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-1,593.99* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *4,250.65* | |
| 23 64 26 13-0005 | EA | 100 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 117,701.24 | 5,187.44 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-1,648.88* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *4,397.03* | |
| 23 64 26 13-0006 | EA | 110 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 126,313.22 | 5,442.92 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-1,772.40* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *4,726.40* | |
| 23 64 26 13-0007 | EA | 120 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 134,219.01 | 5,554.01 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-1,888.32* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *5,035.52* | |
| 23 64 26 13-0008 | EA | 130 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 141,676.58 | 5,742.84 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-1,996.02* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *5,322.72* | |
| 23 64 26 13-0009 | EA | 140 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 146,204.59 | 5,865.03 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-2,061.11* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *5,496.28* | |
| 23 64 26 13-0010 | EA | 160 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 154,373.88 | 5,987.22 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-2,180.81* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *5,815.50* | |
| 23 64 26 13-0011 | EA | 170 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 161,135.03 | 6,176.05 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-2,278.06* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *6,074.84* | |
| 23 64 26 13-0012 | EA | 180 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 169,912.36 | 6,420.43 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-2,404.23* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *6,411.27* | |
| 23 64 26 13-0013 | EA | 200 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 177,600.72 | 6,553.72 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-2,516.72* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *6,711.25* | |
| 23 64 26 13-0014 | EA | 215 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 190,362.03 | 6,664.80 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-2,705.47* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *7,214.59* | |
| 23 64 26 13-0015 | EA | 225 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 198,839.97 | 6,731.45 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-2,831.31* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *7,550.16* | |
| 23 64 26 13-0016 | EA | 240 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 207,317.89 | 6,786.99 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-2,957.14* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *7,885.72* | |
| 23 64 26 13-0017 | EA | 260 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 232,685.01 | 6,920.29 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-3,334.65* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *8,892.41* | |
| 23 64 26 13-0018 | EA | 280 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 245,457.45 | 7,053.58 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-3,523.41* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *9,395.75* | |
| 23 64 26 13-0019 | EA | 300 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 262,413.31 | 7,164.67 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-3,775.08* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *10,066.87* | |
| 23 64 26 13-0020 | EA | 325 Ton Packaged Air Cooled Rotary-Screw Water Chiller | 287,758.23 | 7,286.86 |
| | | *For Aluminum Fins Instead Of Copper, Deduct* | *-4,152.59* | |
| | | *For 208/230 Voltage Motor Rating, Add* | *11,073.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers *(23 64 26 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

| | | | | |
|---|---|---|---|---|
| 23 64 26 16-0002 | EA | 70 Ton Packaged Water Cooled Helical Rotary Water Chiller | 78,392.73 | 4,894.29 |
| 23 64 26 16-0003 | EA | 80 Ton Packaged Water Cooled Helical Rotary Water Chiller | 85,165.03 | 5,084.62 |
| 23 64 26 16-0004 | EA | 90 Ton Packaged Water Cooled Helical Rotary Water Chiller | 91,042.28 | 5,220.58 |
| 23 64 26 16-0005 | EA | 100 Ton Packaged Water Cooled Helical Rotary Water Chiller | 96,131.52 | 5,440.82 |
| 23 64 26 16-0006 | EA | 110 Ton Packaged Water Cooled Helical Rotary Water Chiller | 101,207.63 | 5,590.37 |
| 23 64 26 16-0007 | EA | 125 Ton Packaged Water Cooled Helical Rotary Water Chiller | 107,394.95 | 5,747.31 |
| 23 64 26 16-0008 | EA | 130 Ton Packaged Water Cooled Helical Rotary Water Chiller | 121,349.69 | 5,907.96 |
| 23 64 26 16-0009 | EA | 150 Ton Packaged Water Cooled Helical Rotary Water Chiller | 119,356.87 | 6,067.83 |
| 23 64 26 16-0010 | EA | 175 Ton Packaged Water Cooled Helical Rotary Water Chiller | 128,305.48 | 6,218.03 |
| 23 64 26 16-0011 | EA | 190 Ton Packaged Water Cooled Helical Rotary Water Chiller | 132,681.06 | 6,528.98 |
| 23 64 26 16-0012 | EA | 200 Ton Packaged Water Cooled Helical Rotary Water Chiller | 135,527.91 | 6,843.85 |
| 23 64 26 16-0013 | EA | 210 Ton Packaged Water Cooled Helical Rotary Water Chiller | 137,366.17 | 6,990.35 |
| 23 64 26 16-0014 | EA | 235 Ton Packaged Water Cooled Helical Rotary Water Chiller | 149,285.88 | 7,143.28 |
| 23 64 26 16-0015 | EA | 255 Ton Packaged Water Cooled Helical Rotary Water Chiller | 158,605.32 | 7,470.21 |
| 23 64 26 16-0016 | EA | 275 Ton Packaged Water Cooled Helical Rotary Water Chiller | 167,422.18 | 7,772.57 |
| 23 64 26 16-0017 | EA | 300 Ton Packaged Water Cooled Helical Rotary Water Chiller | 177,684.72 | 8,080.47 |
| 23 64 26 16-0018 | EA | 350 Ton Packaged Water Cooled Helical Rotary Water Chiller | 195,058.46 | 8,796.68 |
| 23 64 26 16-0019 | EA | 400 Ton Packaged Water Cooled Helical Rotary Water Chiller | 209,284.59 | 9,675.47 |
| 23 64 26 16-0020 | EA | 450 Ton Packaged Water Cooled Helical Rotary Water Chiller | 220,379.00 | 10,643.45 |

## 23 65 Cooling Towers *(23 60)*

### 23 65 13 Forced-Draft Cooling Towers *(23 65)*

### 23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13)*

23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13 16)*

23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers *(23 65 13 16-0001)*

Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

| | | | | |
|---|---|---|---|---|
| 23 65 13 16-0003 | EA | 50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 18,978.18 | 1,843.93 |
| | | *For Stainless Steel Cooling Tower, Add* | *9,727.37* | |
| 23 65 13 16-0004 | EA | 75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 26,135.79 | 2,254.92 |
| | | *For Stainless Steel Cooling Tower, Add* | *13,662.04* | |
| 23 65 13 16-0005 | EA | 100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 32,789.15 | 2,832.55 |
| | | *For Stainless Steel Cooling Tower, Add* | *16,940.92* | |
| 23 65 13 16-0006 | EA | 125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 37,806.96 | 3,165.78 |
| | | *For Stainless Steel Cooling Tower, Add* | *19,631.69* | |
| 23 65 13 16-0007 | EA | 150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 43,204.74 | 3,565.67 |
| | | *For Stainless Steel Cooling Tower, Add* | *22,483.81* | |
| 23 65 13 16-0008 | EA | 175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 48,577.56 | 3,998.89 |
| | | *For Stainless Steel Cooling Tower, Add* | *25,294.28* | |
| 23 65 13 16-0009 | EA | 200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 54,515.27 | 4,454.31 |
| | | *For Stainless Steel Cooling Tower, Add* | *28,417.03* | |
| 23 65 13 16-0010 | EA | 225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 59,589.79 | 5,020.82 |
| | | *For Stainless Steel Cooling Tower, Add* | *30,915.23* | |
| 23 65 13 16-0011 | EA | 250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 64,930.80 | 5,576.21 |
| | | *For Stainless Steel Cooling Tower, Add* | *33,579.98* | |
| 23 65 13 16-0012 | EA | 275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 71,143.70 | 6,598.16 |
| | | *For Stainless Steel Cooling Tower, Add* | *36,328.00* | |
| 23 65 13 16-0013 | EA | 300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 77,330.03 | 7,309.07 |
| | | *For Stainless Steel Cooling Tower, Add* | *39,346.66* | |
| 23 65 13 16-0014 | EA | 325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 81,488.45 | 7,775.60 |
| | | *For Stainless Steel Cooling Tower, Add* | *41,428.49* | |
| 23 65 13 16-0015 | EA | 350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 86,354.05 | 8,231.04 |
| | | *For Stainless Steel Cooling Tower, Add* | *43,874.65* | |
| 23 65 13 16-0016 | EA | 375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 91,075.23 | 8,630.92 |
| | | *For Stainless Steel Cooling Tower, Add* | *46,320.80* | |
| 23 65 13 16-0017 | EA | 400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 96,479.26 | 9,030.81 |
| | | *For Stainless Steel Cooling Tower, Add* | *49,183.32* | |
| 23 65 13 16-0018 | EA | 425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 102,212.29 | 9,519.56 |
| | | *For Stainless Steel Cooling Tower, Add* | *52,149.94* | |
| 23 65 13 16-0019 | EA | 450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 108,714.89 | 10,008.32 |
| | | *For Stainless Steel Cooling Tower, Add* | *55,584.96* | |
| 23 65 13 16-0020 | EA | 475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 115,030.77 | 10,430.42 |
| | | *For Stainless Steel Cooling Tower, Add* | *58,967.94* | |
| 23 65 13 16-0021 | EA | 500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 121,357.77 | 10,852.53 |
| | | *For Stainless Steel Cooling Tower, Add* | *62,350.92* | |
| 23 65 13 16-0022 | EA | 550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 133,356.39 | 11,307.95 |
| | | *For Stainless Steel Cooling Tower, Add* | *69,116.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 65 13 16-0023 | EA | 600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 146,395.93 | 11,752.27 |
| | | *For Stainless Steel Cooling Tower, Add* | *76,507.39* | |
| 23 65 13 16-0024 | EA | 650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 151,689.39 | 11,996.65 |
| | | *For Stainless Steel Cooling Tower, Add* | *79,630.14* | |
| 23 65 13 16-0025 | EA | 700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 158,023.73 | 12,152.16 |
| | | *For Stainless Steel Cooling Tower, Add* | *83,377.44* | |
| 23 65 13 16-0026 | EA | 750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 165,420.24 | 12,774.21 |
| | | *For Stainless Steel Cooling Tower, Add* | *87,228.83* | |
| 23 65 13 16-0027 | EA | 800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 174,031.13 | 13,396.25 |
| | | *For Stainless Steel Cooling Tower, Add* | *91,808.87* | |
| 23 65 13 16-0028 | EA | 850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 182,730.89 | 14,073.84 |
| | | *For Stainless Steel Cooling Tower, Add* | *96,388.90* | |
| 23 65 13 16-0029 | EA | 900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 192,818.54 | 14,751.44 |
| | | *For Stainless Steel Cooling Tower, Add* | *101,801.67* | |
| 23 65 13 16-0030 | EA | 950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower | 203,235.18 | 15,529.00 |
| | | *For Stainless Steel Cooling Tower, Add* | *107,318.53* | |
| 23 65 13 16-0031 | EA | 1,000 Ton Centrifugal Type Cooling Tower | 215,028.61 | 16,306.56 |
| | | *For Stainless Steel Cooling Tower, Add* | *113,668.12* | |

## 23 65 14 Induced-Draft Cooling Towers *(23 65)*

### 23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

#### 23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers *(23 65 14 13)*

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

| | | | | |
|---|---|---|---|---|
| 23 65 14 13-0002 | EA | 10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 9,699.04 | 1,244.09 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,174.94* | |
| | | *For Stainless Steel Support Structure, Add* | *2,349.87* | |
| 23 65 14 13-0003 | EA | 20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 11,494.00 | 1,344.07 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,420.85* | |
| | | *For Stainless Steel Support Structure, Add* | *2,841.70* | |
| 23 65 14 13-0004 | EA | 30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 13,742.15 | 1,510.69 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,721.42* | |
| | | *For Stainless Steel Support Structure, Add* | *3,442.83* | |
| 23 65 14 13-0005 | EA | 40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 15,250.53 | 1,666.20 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,912.68* | |
| | | *For Stainless Steel Support Structure, Add* | *3,825.37* | |
| 23 65 14 13-0006 | EA | 50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 18,067.38 | 1,843.93 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *2,295.22* | |
| | | *For Stainless Steel Support Structure, Add* | *4,590.44* | |
| 23 65 14 13-0007 | EA | 60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 21,019.13 | 1,988.33 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *2,706.33* | |
| | | *For Stainless Steel Support Structure, Add* | *5,412.66* | |
| 23 65 14 13-0008 | EA | 75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 24,132.02 | 2,254.92 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *3,114.94* | |
| | | *For Stainless Steel Support Structure, Add* | *6,229.89* | |
| 23 65 14 13-0009 | EA | 100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 30,056.74 | 2,832.55 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *3,825.37* | |
| | | *For Stainless Steel Support Structure, Add* | *7,650.74* | |
| 23 65 14 13-0010 | EA | 125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 32,775.86 | 3,165.78 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *4,153.26* | |
| | | *For Stainless Steel Support Structure, Add* | *8,306.52* | |
| 23 65 14 13-0011 | EA | 150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 50,035.17 | 3,565.67 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *6,645.52* | |
| | | *For Stainless Steel Support Structure, Add* | *13,291.03* | |
| 23 65 14 13-0012 | EA | 200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 60,548.25 | 4,454.31 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *8,009.21* | |
| | | *For Stainless Steel Support Structure, Add* | *16,018.41* | |
| 23 65 14 13-0013 | EA | 300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower | 78,360.19 | 7,309.07 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *9,991.19* | |
| | | *For Stainless Steel Support Structure, Add* | *19,982.38* | |

#### 23 65 14 13-0014 Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling Towers *(23 65 14 13)*

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

| | | | | |
|---|---|---|---|---|
| 23 65 14 13-0015 | EA | 100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 30,056.74 | 2,832.55 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *3,825.37* | |
| | | *For Stainless Steel Support Structure, Add* | *7,650.74* | |
| 23 65 14 13-0016 | EA | 150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 40,038.61 | 3,565.67 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *5,146.03* | |
| | | *For Stainless Steel Support Structure, Add* | *10,292.06* | |
| 23 65 14 13-0017 | EA | 200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 50,872.06 | 4,454.31 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *6,557.78* | |
| | | *For Stainless Steel Support Structure, Add* | *13,115.55* | |
| 23 65 14 13-0018 | EA | 250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 60,368.11 | 5,576.21 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *7,710.59* | |
| | | *For Stainless Steel Support Structure, Add* | *15,421.18* | |
| 23 65 14 13-0019 | EA | 300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 71,752.45 | 7,309.07 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *9,000.03* | |
| | | *For Stainless Steel Support Structure, Add* | *18,000.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 65 14 13-0020 | EA | 350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 79,978.43 | 8,231.04 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *10,012.32* | |
| | | *For Stainless Steel Support Structure, Add* | *20,024.64* | |
| 23 65 14 13-0021 | EA | 400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 89,192.84 | 9,030.81 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *11,202.87* | |
| | | *For Stainless Steel Support Structure, Add* | *22,405.73* | |
| 23 65 14 13-0022 | EA | 450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 101,081.50 | 10,008.32 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *12,751.23* | |
| | | *For Stainless Steel Support Structure, Add* | *25,502.46* | |
| 23 65 14 13-0023 | EA | 500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 113,984.61 | 10,852.53 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *14,481.76* | |
| | | *For Stainless Steel Support Structure, Add* | *28,963.51* | |
| 23 65 14 13-0024 | EA | 550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 122,079.79 | 11,441.24 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *15,587.73* | |
| | | *For Stainless Steel Support Structure, Add* | *31,175.46* | |
| 23 65 14 13-0025 | EA | 600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 130,829.02 | 11,752.27 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *16,791.81* | |
| | | *For Stainless Steel Support Structure, Add* | *33,583.62* | |
| 23 65 14 13-0026 | EA | 700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 148,395.25 | 12,152.16 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *19,400.09* | |
| | | *For Stainless Steel Support Structure, Add* | *38,800.18* | |
| 23 65 14 13-0027 | EA | 800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 162,754.53 | 13,396.25 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *21,260.73* | |
| | | *For Stainless Steel Support Structure, Add* | *42,521.45* | |
| 23 65 14 13-0028 | EA | 900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower | 179,807.07 | 14,751.44 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *23,498.70* | |
| | | *For Stainless Steel Support Structure, Add* | *46,997.39* | |

## 23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers *(23 65 14)*

### 23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers *(23 65 14 14)*

Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 65 14 14-0002 | EA | 10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 8,246.12 | 1,244.09 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *957.00* | |
| | | *For Stainless Steel Support Structure, Add* | *1,913.99* | |
| 23 65 14 14-0003 | EA | 15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 8,898.13 | 1,266.31 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,051.47* | |
| | | *For Stainless Steel Support Structure, Add* | *2,102.93* | |
| 23 65 14 14-0004 | EA | 20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 9,678.26 | 1,377.40 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,141.83* | |
| | | *For Stainless Steel Support Structure, Add* | *2,283.65* | |
| 23 65 14 14-0005 | EA | 25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 11,311.62 | 1,444.04 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,371.83* | |
| | | *For Stainless Steel Support Structure, Add* | *2,743.67* | |
| 23 65 14 14-0006 | EA | 30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 12,808.07 | 1,510.69 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,581.30* | |
| | | *For Stainless Steel Support Structure, Add* | *3,162.61* | |
| 23 65 14 14-0007 | EA | 35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 14,271.97 | 1,588.44 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,782.56* | |
| | | *For Stainless Steel Support Structure, Add* | *3,565.12* | |
| 23 65 14 14-0008 | EA | 40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 15,615.23 | 1,666.20 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *1,967.39* | |
| | | *For Stainless Steel Support Structure, Add* | *3,934.78* | |
| 23 65 14 14-0009 | EA | 45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 17,106.52 | 1,755.07 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *2,172.75* | |
| | | *For Stainless Steel Support Structure, Add* | *4,345.51* | |
| 23 65 14 14-0010 | EA | 50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 18,565.26 | 1,843.93 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *2,369.90* | |
| | | *For Stainless Steel Support Structure, Add* | *4,739.81* | |
| 23 65 14 14-0011 | EA | 60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 21,432.34 | 1,988.33 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *2,768.31* | |
| | | *For Stainless Steel Support Structure, Add* | *5,536.62* | |
| 23 65 14 14-0012 | EA | 70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 24,540.72 | 2,143.85 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *3,199.58* | |
| | | *For Stainless Steel Support Structure, Add* | *6,399.15* | |
| 23 65 14 14-0013 | EA | 75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 25,983.18 | 2,254.92 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *3,392.62* | |
| | | *For Stainless Steel Support Structure, Add* | *6,785.24* | |
| 23 65 14 14-0014 | EA | 80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 27,558.94 | 2,443.76 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *3,585.66* | |
| | | *For Stainless Steel Support Structure, Add* | *7,171.32* | |
| 23 65 14 14-0015 | EA | 90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 28,723.96 | 2,632.59 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *3,717.09* | |
| | | *For Stainless Steel Support Structure, Add* | *7,434.19* | |
| 23 65 14 14-0016 | EA | 100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 30,895.67 | 2,832.55 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *3,951.21* | |
| | | *For Stainless Steel Support Structure, Add* | *7,902.42* | |
| 23 65 14 14-0017 | EA | 125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 32,168.17 | 3,165.78 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *4,062.11* | |
| | | *For Stainless Steel Support Structure, Add* | *8,124.21* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 65 14 14-0018 | EA | 150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 37,357.82 | 3,565.67 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *4,743.91* | |
| | | *For Stainless Steel Support Structure, Add* | *9,487.83* | |
| 23 65 14 14-0019 | EA | 175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 41,277.59 | 3,998.89 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *5,228.57* | |
| | | *For Stainless Steel Support Structure, Add* | *10,457.15* | |
| 23 65 14 14-0020 | EA | 200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 43,461.95 | 4,454.31 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *5,446.26* | |
| | | *For Stainless Steel Support Structure, Add* | *10,892.52* | |
| 23 65 14 14-0021 | EA | 225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 50,232.54 | 5,020.82 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *6,325.22* | |
| | | *For Stainless Steel Support Structure, Add* | *12,650.44* | |
| 23 65 14 14-0022 | EA | 250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 55,075.29 | 5,576.21 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *6,916.67* | |
| | | *For Stainless Steel Support Structure, Add* | *13,833.34* | |
| 23 65 14 14-0023 | EA | 275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 58,926.09 | 6,598.16 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *7,249.36* | |
| | | *For Stainless Steel Support Structure, Add* | *14,498.72* | |
| 23 65 14 14-0024 | EA | 300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 63,586.21 | 7,309.07 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *7,775.09* | |
| | | *For Stainless Steel Support Structure, Add* | *15,550.18* | |
| 23 65 14 14-0025 | EA | 350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 72,675.74 | 8,231.04 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *8,916.92* | |
| | | *For Stainless Steel Support Structure, Add* | *17,833.83* | |
| 23 65 14 14-0026 | EA | 400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 80,114.09 | 9,030.81 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *9,841.05* | |
| | | *For Stainless Steel Support Structure, Add* | *19,682.11* | |
| 23 65 14 14-0027 | EA | 450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 88,553.18 | 10,008.32 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *10,871.98* | |
| | | *For Stainless Steel Support Structure, Add* | *21,743.97* | |
| 23 65 14 14-0028 | EA | 500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 96,491.12 | 10,852.53 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *11,857.73* | |
| | | *For Stainless Steel Support Structure, Add* | *23,715.47* | |
| 23 65 14 14-0029 | EA | 600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 110,257.02 | 11,752.27 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *13,706.01* | |
| | | *For Stainless Steel Support Structure, Add* | *27,412.02* | |
| 23 65 14 14-0030 | EA | 700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 123,605.42 | 12,152.16 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *15,681.61* | |
| | | *For Stainless Steel Support Structure, Add* | *31,363.23* | |
| 23 65 14 14-0031 | EA | 800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 138,156.12 | 13,396.25 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *17,570.97* | |
| | | *For Stainless Steel Support Structure, Add* | *35,141.93* | |
| 23 65 14 14-0032 | EA | 900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 152,282.13 | 14,751.44 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *19,369.96* | |
| | | *For Stainless Steel Support Structure, Add* | *38,739.91* | |
| 23 65 14 14-0033 | EA | 1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 166,133.03 | 16,306.56 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *21,082.69* | |
| | | *For Stainless Steel Support Structure, Add* | *42,165.39* | |
| 23 65 14 14-0034 | EA | 1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 181,796.27 | 17,095.23 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *23,247.23* | |
| | | *For Stainless Steel Support Structure, Add* | *46,494.47* | |
| 23 65 14 14-0035 | EA | 1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 196,900.02 | 17,828.35 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *25,337.84* | |
| | | *For Stainless Steel Support Structure, Add* | *50,675.68* | |
| 23 65 14 14-0036 | EA | 1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 209,458.03 | 19,361.26 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *26,861.64* | |
| | | *For Stainless Steel Support Structure, Add* | *53,723.29* | |
| 23 65 14 14-0037 | EA | 1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 221,618.75 | 21,005.24 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *28,299.19* | |
| | | *For Stainless Steel Support Structure, Add* | *56,598.39* | |
| 23 65 14 14-0038 | EA | 1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 233,348.87 | 22,738.09 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *29,650.49* | |
| | | *For Stainless Steel Support Structure, Add* | *59,300.98* | |
| 23 65 14 14-0039 | EA | 1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 244,171.50 | 24,304.32 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *30,907.32* | |
| | | *For Stainless Steel Support Structure, Add* | *61,814.64* | |
| 23 65 14 14-0040 | EA | 1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 254,758.28 | 26,092.70 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *32,073.79* | |
| | | *For Stainless Steel Support Structure, Add* | *64,147.58* | |
| 23 65 14 14-0041 | EA | 1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 265,214.33 | 28,158.81 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *33,154.01* | |
| | | *For Stainless Steel Support Structure, Add* | *66,308.01* | |
| 23 65 14 14-0042 | EA | 1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 275,029.55 | 30,224.89 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *34,139.75* | |
| | | *For Stainless Steel Support Structure, Add* | *68,279.51* | |
| 23 65 14 14-0043 | EA | 2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower | 285,447.19 | 33,046.33 |
| | | *For Polymer Coating Over Galvanized Components, Add* | *35,039.25* | |
| | | *For Stainless Steel Support Structure, Add* | *70,078.50* | |

### 23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers *(23 65 14 14)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 65 14 14-0045 | EA | 100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 82,579.69 | 2,832.55 |
| | | *For Induced Draft Counter Flow Type, Add* | *3,901.27* | |
| 23 65 14 14-0046 | EA | 125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 93,595.25 | 3,143.56 |
| | | *For Induced Draft Counter Flow Type, Add* | *4,425.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 65 14 14-0047 | EA | 150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 102,295.32 | 3,565.67 |
| | | *For Induced Draft Counter Flow Type, Add* | *4,828.18* | |
| 23 65 14 14-0048 | EA | 200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 113,746.06 | 4,454.31 |
| | | *For Induced Draft Counter Flow Type, Add* | *5,329.63* | |
| 23 65 14 14-0049 | EA | 250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 128,870.03 | 5,576.21 |
| | | *For Induced Draft Counter Flow Type, Add* | *5,995.29* | |
| 23 65 14 14-0050 | EA | 300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 148,010.78 | 7,309.07 |
| | | *For Induced Draft Counter Flow Type, Add* | *6,812.93* | |
| 23 65 14 14-0051 | EA | 350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 161,269.58 | 8,231.04 |
| | | *For Induced Draft Counter Flow Type, Add* | *7,402.00* | |
| 23 65 14 14-0052 | EA | 400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 174,328.43 | 9,030.81 |
| | | *For Induced Draft Counter Flow Type, Add* | *7,991.07* | |
| 23 65 14 14-0053 | EA | 500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 201,236.39 | 10,852.53 |
| | | *For Induced Draft Counter Flow Type, Add* | *9,189.84* | |
| 23 65 14 14-0054 | EA | 600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 227,272.40 | 11,752.27 |
| | | *For Induced Draft Counter Flow Type, Add* | *10,419.44* | |
| 23 65 14 14-0055 | EA | 750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 281,380.26 | 12,774.21 |
| | | *For Induced Draft Counter Flow Type, Add* | *13,013.75* | |
| 23 65 14 14-0056 | EA | 1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower | 365,162.64 | 16,306.56 |
| | | *For Induced Draft Counter Flow Type, Add* | *16,979.05* | |

## 23 65 14 16 Closed-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

### 23 65 14 16-0001 Stainless Steel Packaged Propeller Type Cooling Towers *(23 65 14 16)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

### 23 65 14 16-0002 Draw-Thru Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 65 14 16-0003 | EA | 50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 34,735.89 | 1,843.93 |
| 23 65 14 16-0004 | EA | 75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 49,347.62 | 2,254.92 |
| 23 65 14 16-0005 | EA | 100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 58,183.47 | 2,832.55 |
| 23 65 14 16-0006 | EA | 125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 65,955.46 | 3,165.78 |
| 23 65 14 16-0007 | EA | 150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 72,359.71 | 3,565.67 |
| 23 65 14 16-0008 | EA | 200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 86,780.32 | 4,454.31 |
| 23 65 14 16-0009 | EA | 250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 102,153.47 | 5,576.21 |
| 23 65 14 16-0010 | EA | 300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 121,143.08 | 7,309.07 |
| 23 65 14 16-0011 | EA | 350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 132,637.11 | 8,231.04 |
| 23 65 14 16-0012 | EA | 400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 150,357.06 | 9,030.81 |
| 23 65 14 16-0013 | EA | 500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 174,319.67 | 10,852.53 |
| 23 65 14 16-0014 | EA | 600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 196,757.04 | 11,752.27 |
| 23 65 14 16-0015 | EA | 750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 243,265.20 | 12,774.21 |
| 23 65 14 16-0016 | EA | 1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower | 309,802.57 | 16,128.83 |

### 23 65 14 16-0017 Belt Driven Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 65 14 16-0018 | EA | 100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower | 60,597.77 | 2,832.55 |
| 23 65 14 16-0019 | EA | 125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower | 65,579.63 | 3,165.78 |
| 23 65 14 16-0020 | EA | 150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower | 70,676.65 | 3,565.67 |
| 23 65 14 16-0021 | EA | 200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower | 83,598.03 | 4,454.31 |
| 23 65 14 16-0022 | EA | 250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower | 92,189.91 | 5,576.21 |

### 23 65 14 16-0023 Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers *(23 65 14 16)*

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

| | | | | |
|---|---|---|---|---|
| 23 65 14 16-0024 | EA | 5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 4,171.14 | 1,155.24 |
| 23 65 14 16-0025 | EA | 8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 4,390.40 | 1,210.77 |
| 23 65 14 16-0026 | EA | 10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 5,073.73 | 1,244.09 |
| 23 65 14 16-0027 | EA | 15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 5,708.79 | 1,266.31 |
| 23 65 14 16-0028 | EA | 20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 7,425.12 | 1,377.40 |
| 23 65 14 16-0029 | EA | 25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 7,851.07 | 1,444.04 |
| 23 65 14 16-0030 | EA | 30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 8,850.74 | 1,510.69 |
| 23 65 14 16-0031 | EA | 40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 10,192.31 | 1,666.20 |
| 23 65 14 16-0032 | EA | 50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 11,371.64 | 1,843.93 |
| 23 65 14 16-0033 | EA | 60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 12,730.11 | 1,988.33 |
| 23 65 14 16-0034 | EA | 70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 14,658.46 | 2,143.85 |
| 23 65 14 16-0035 | EA | 80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 15,976.40 | 2,443.76 |
| 23 65 14 16-0036 | EA | 100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 19,354.15 | 2,832.55 |
| 23 65 14 16-0037 | EA | 125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 23,863.63 | 3,165.78 |
| 23 65 14 16-0038 | EA | 150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 26,802.75 | 3,565.67 |
| 23 65 14 16-0039 | EA | 175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 32,485.39 | 3,998.89 |
| 23 65 14 16-0040 | EA | 200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 36,230.52 | 4,454.31 |
| 23 65 14 16-0041 | EA | 225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 40,062.12 | 5,020.82 |
| 23 65 14 16-0042 | EA | 250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 43,726.14 | 5,576.21 |
| 23 65 14 16-0043 | EA | 300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 52,499.15 | 7,309.07 |
| 23 65 14 16-0044 | EA | 350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 59,648.48 | 8,231.04 |
| 23 65 14 16-0045 | EA | 400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 66,271.89 | 9,030.81 |
| 23 65 14 16-0046 | EA | 500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 80,548.33 | 10,630.36 |
| 23 65 14 16-0047 | EA | 600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 91,902.02 | 11,752.27 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 65 14 16-0048 | EA | 700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 96,750.32 | 9,030.81 |
| 23 65 14 16-0049 | EA | 800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 111,194.07 | 13,396.25 |
| 23 65 14 16-0050 | EA | 1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower | 126,374.18 | 11,163.55 |

### 23 65 43 Cooling Tower Basins and Accessories *(23 65)*

#### 23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins *(23 65 43)*

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | |
|---|---|---|---|
| 23 65 43 00-0002 | EA | 30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 1,259.25 |
| | | *For Anti-Flotation Flanges, Add* | *115.00* |
| | | *For Perforated Basins, Add* | *80.00* |
| 23 65 43 00-0003 | EA | 30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 1,426.10 |
| | | *For Anti-Flotation Flanges, Add* | *115.00* |
| | | *For Perforated Basins, Add* | *80.00* |
| 23 65 43 00-0004 | EA | 36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 1,395.91 |
| | | *For Anti-Flotation Flanges, Add* | *253.00* |
| | | *For Perforated Basins, Add* | *80.00* |
| 23 65 43 00-0005 | EA | 36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 1,638.59 |
| | | *For Anti-Flotation Flanges, Add* | *253.00* |
| | | *For Perforated Basins, Add* | *80.00* |
| 23 65 43 00-0006 | EA | 42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 1,780.09 |
| | | *For Anti-Flotation Flanges, Add* | *276.00* |
| | | *For Perforated Basins, Add* | *100.00* |
| 23 65 43 00-0007 | EA | 42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 1,974.83 |
| | | *For Anti-Flotation Flanges, Add* | *276.00* |
| | | *For Perforated Basins, Add* | *100.00* |
| 23 65 43 00-0008 | EA | 42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 2,169.58 |
| | | *For Anti-Flotation Flanges, Add* | *276.00* |
| | | *For Perforated Basins, Add* | *100.00* |
| 23 65 43 00-0009 | EA | 48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 2,187.56 |
| | | *For Anti-Flotation Flanges, Add* | *294.00* |
| | | *For Perforated Basins, Add* | *140.00* |
| 23 65 43 00-0010 | EA | 48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 2,415.26 |
| | | *For Anti-Flotation Flanges, Add* | *294.00* |
| | | *For Perforated Basins, Add* | *140.00* |
| 23 65 43 00-0011 | EA | 48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 2,756.57 |
| | | *For Anti-Flotation Flanges, Add* | *294.00* |
| | | *For Perforated Basins, Add* | *140.00* |
| 23 65 43 00-0012 | EA | 48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 3,100.42 |
| | | *For Anti-Flotation Flanges, Add* | *294.00* |
| | | *For Perforated Basins, Add* | *140.00* |
| 23 65 43 00-0013 | EA | 48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin | 3,323.06 |
| | | *For Anti-Flotation Flanges, Add* | *294.00* |
| | | *For Perforated Basins, Add* | *140.00* |

## 23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

## 23 71 Thermal Storage *(23 70)*

### 23 71 13 Thermal Heat Storage *(23 71)*

### 23 71 13 23 Pressurized-Water Thermal Storage Tanks *(23 71 13)*

#### 23 71 13 23-0001 Nickelshield Storage Tanks *(23 71 13 23)*

| | | | | |
|---|---|---|---|---|
| 23 71 13 23-0002 | EA | 325 Gallon Nickelshield Storage Tank | 26,183.56 | 205.64 |
| 23 71 13 23-0003 | EA | 490 Gallon Nickelshield Storage Tank | 36,537.56 | 272.64 |
| 23 71 13 23-0004 | EA | 605 Gallon Nickelshield Storage Tank | 41,831.89 | 329.77 |
| 23 71 13 23-0005 | EA | 740 Gallon Nickelshield Storage Tank | 49,531.73 | 412.20 |
| 23 71 13 23-0006 | EA | 940 Gallon Nickelshield Storage Tank | 57,633.72 | 547.96 |
| 23 71 13 23-0007 | EA | 1,505 Gallon Nickelshield Storage Tank | 74,476.71 | 824.51 |
| 23 71 13 23-0008 | EA | 1,615 Gallon Nickelshield Storage Tank | 84,103.24 | 928.67 |
| 23 71 13 23-0009 | EA | 2,275 Gallon Nickelshield Storage Tank | 115,492.31 | 1,233.52 |
| 23 71 13 23-0010 | EA | 3,815 Gallon Nickelshield Storage Tank | 149,421.91 | 1,434.02 |

## 23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

### 23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment *(23 72)*

#### 23 72 13 00-0001 Enthalpy Recovery Wheel *(23 72 13)*

| | | | | |
|---|---|---|---|---|
| 23 72 13 00-0002 | EA | Up To 1,000 CFM Enthalpy Recovery Wheel | 9,420.62 | 774.22 |
| 23 72 13 00-0003 | EA | >1,000 To 2,000 CFM Enthalpy Recovery Wheel | 10,472.51 | 929.29 |
| 23 72 13 00-0004 | EA | >2,000 To 4,000 CFM Enthalpy Recovery Wheel | 13,104.17 | 1,161.62 |
| 23 72 13 00-0005 | EA | >4,000 To 6,000 CFM Enthalpy Recovery Wheel | 15,317.84 | 1,327.14 |
| 23 72 13 00-0006 | EA | >6,000 To 8,000 CFM Enthalpy Recovery Wheel | 16,933.40 | 1,393.94 |
| 23 72 13 00-0007 | EA | >8,000 To 10,000 CFM Enthalpy Recovery Wheel | 20,550.84 | 1,549.01 |
| 23 72 13 00-0008 | EA | >10,000 To 15,000 CFM Enthalpy Recovery Wheel | 27,209.64 | 1,626.26 |
| 23 72 13 00-0009 | EA | >15,000 To 20,000 CFM Enthalpy Recovery Wheel | 33,832.58 | 1,742.42 |
| 23 72 13 00-0010 | EA | >20,000 To 25,000 CFM Enthalpy Recovery Wheel | 40,946.81 | 1,991.01 |
| 23 72 13 00-0011 | EA | >25,000 To 30,000 CFM Enthalpy Recovery Wheel | 45,954.81 | 2,555.55 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 72 13 00-0012 | EA | >30,000 To 40,000 CFM Enthalpy Recovery Wheel | 61,481.07 | 2,904.04 |
| 23 72 13 00-0013 | EA | >40,000 To 50,000 CFM Enthalpy Recovery Wheel | 73,132.84 | 3,484.84 |

### 23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment *(23 72)*

#### 23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*

| | | | | |
|---|---|---|---|---|
| 23 72 16 00-0002 | EA | 100 MBH, 1,700 CFM Glycol Heat Recovery Unit | 16,815.35 | 580.80 |
| 23 72 16 00-0003 | EA | 160 MBH, 2,700 CFM Glycol Heat Recovery Unit | 26,410.63 | 774.45 |
| 23 72 16 00-0004 | EA | 620 MBH, 4,000 CFM Glycol Heat Recovery Unit | 39,155.55 | 1,161.62 |

## 23 73 Indoor Central-Station Air-Handling Units *(23 70)*

### 23 73 13 Modular Indoor Central-Station Air-Handling Units *(23 73)*

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

#### 23 73 13 00-0001 Single Zone Units *(23 73 13)*

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

| | | | | |
|---|---|---|---|---|
| 23 73 13 00-0002 | EA | 300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 2,321.90 | 536.59 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *193.86* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *364.73* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *543.26* | |
| | | *For Manual Roll Filter, Add* | *932.10* | |
| | | *For Automatic Roll Filter, Add* | *1,009.87* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *465.49* | |
| | | *For Electric Heating Coil, Add* | *776.56* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *776.56* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *698.80* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *621.03* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *504.93* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *932.10* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *854.33* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *621.03* | |
| | | *For Variable Air Volume, Add* | *217.75* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,176.59* | |
| | | *For 2 Coils, Independent Circuits, Add* | *263.30* | |
| 23 73 13 00-0003 | EA | 500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 3,670.89 | 643.90 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *321.13* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *614.69* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *917.44* | |
| | | *For Manual Roll Filter, Add* | *1,605.39* | |
| | | *For Automatic Roll Filter, Add* | *1,742.97* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *779.85* | |
| | | *For Electric Heating Coil, Add* | *1,330.21* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *1,330.21* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *1,192.62* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *1,055.03* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *871.49* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *1,605.39* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *1,467.80* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *1,055.03* | |
| | | *For Variable Air Volume, Add* | *385.25* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,283.38* | |
| | | *For 2 Coils, Independent Circuits, Add* | *422.12* | |
| 23 73 13 00-0004 | EA | 800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 4,150.25 | 691.53 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *365.63* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *701.63* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *1,047.51* | |
| | | *For Manual Roll Filter, Add* | *1,838.12* | |
| | | *For Automatic Roll Filter, Add* | *1,996.24* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *889.39* | |
| | | *For Electric Heating Coil, Add* | *1,521.88* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *1,521.88* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *1,363.75* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *1,205.63* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *998.12* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *1,838.12* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *1,680.00* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *1,205.63* | |
| | | *For Variable Air Volume, Add* | *442.74* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,331.47* | |
| | | *For 2 Coils, Independent Circuits, Add* | *478.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0005 | EA | 1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 4,683.30 | 743.07 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *415.25* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *798.64* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *1,192.65* | |
| | | *For Manual Roll Filter, Add* | *2,098.05* | |
| | | *For Automatic Roll Filter, Add* | *2,279.13* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,011.57* | |
| | | *For Electric Heating Coil, Add* | *1,735.89* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *1,735.89* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *1,554.81* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *1,373.73* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *1,139.57* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *2,098.05* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *1,916.97* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *1,373.73* | |
| | | *For Variable Air Volume, Add* | *507.02* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,383.19* | |
| | | *For 2 Coils, Independent Circuits, Add* | *540.76* | |
| 23 73 13 00-0006 | EA | 1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 5,312.01 | 799.41 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *474.17* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *914.11* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *1,365.46* | |
| | | *For Manual Roll Filter, Add* | *2,408.29* | |
| | | *For Automatic Roll Filter, Add* | *2,616.86* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,156.90* | |
| | | *For Electric Heating Coil, Add* | *1,991.16* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *1,991.16* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *1,782.59* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *1,574.03* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *1,308.43* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *2,408.29* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *2,199.73* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *1,574.03* | |
| | | *For Variable Air Volume, Add* | *583.98* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,438.49* | |
| | | *For 2 Coils, Independent Circuits, Add* | *614.63* | |
| 23 73 13 00-0007 | EA | 1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 6,045.28 | 859.11 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *543.17* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,049.51* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *1,568.13* | |
| | | *For Manual Roll Filter, Add* | *2,772.64* | |
| | | *For Automatic Roll Filter, Add* | *3,013.54* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,327.23* | |
| | | *For Electric Heating Coil, Add* | *2,290.84* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *2,290.84* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *2,049.93* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *1,809.03* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *1,506.77* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *2,772.64* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *2,531.74* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *1,809.03* | |
| | | *For Variable Air Volume, Add* | *674.52* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,499.08* | |
| | | *For 2 Coils, Independent Circuits, Add* | *700.89* | |
| 23 73 13 00-0008 | EA | 1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 6,619.69 | 923.60 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *596.14* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,152.77* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *1,722.58* | |
| | | *For Manual Roll Filter, Add* | *3,048.34* | |
| | | *For Automatic Roll Filter, Add* | *3,313.49* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,457.43* | |
| | | *For Electric Heating Coil, Add* | *2,518.04* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *2,518.04* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *2,252.88* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *1,987.73* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *1,656.75* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *3,048.34* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *2,783.19* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *1,987.73* | |
| | | *For Variable Air Volume, Add* | *742.43* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,561.65* | |
| | | *For 2 Coils, Independent Circuits, Add* | *768.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0009 | EA | 1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 7,242.08 | 995.37 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *653.13* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,263.60* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *1,888.29* | |
| | | *For Manual Roll Filter, Add* | *3,343.40* | |
| | | *For Automatic Roll Filter, Add* | *3,634.42* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,597.27* | |
| | | *For Electric Heating Coil, Add* | *2,761.36* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *2,761.36* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *2,470.34* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *2,179.32* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *1,817.21* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *3,343.40* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *3,052.38* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *2,179.32* | |
| | | *For Variable Air Volume, Add* | *814.86* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,531.91* | |
| | | *For 2 Coils, Independent Circuits, Add* | *840.62* | |
| 23 73 13 00-0010 | EA | 2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 7,927.03 | 1,067.14 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *716.48* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,387.21* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,073.20* | |
| | | *For Manual Roll Filter, Add* | *3,673.81* | |
| | | *For Automatic Roll Filter, Add* | *3,993.94* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,753.07* | |
| | | *For Electric Heating Coil, Add* | *3,033.57* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *3,033.57* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *2,713.44* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *2,393.32* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *1,996.97* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *3,673.81* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *3,353.69* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *2,393.32* | |
| | | *For Variable Air Volume, Add* | *896.35* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,588.51* | |
| | | *For 2 Coils, Independent Circuits, Add* | *920.75* | |
| 23 73 13 00-0011 | EA | 2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 8,558.47 | 1,147.05 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *773.92* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,498.67* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,239.82* | |
| | | *For Manual Roll Filter, Add* | *3,969.78* | |
| | | *For Automatic Roll Filter, Add* | *4,315.77* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,893.82* | |
| | | *For Electric Heating Coil, Add* | *3,277.79* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *3,277.79* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *2,931.80* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *2,585.81* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *2,157.88* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *3,969.78* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *3,623.78* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *2,585.81* | |
| | | *For Variable Air Volume, Add* | *968.78* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,651.25* | |
| | | *For 2 Coils, Independent Circuits, Add* | *994.24* | |
| 23 73 13 00-0012 | EA | 2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 9,232.55 | 1,234.24 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *835.11* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,617.32* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,417.17* | |
| | | *For Manual Roll Filter, Add* | *4,284.55* | |
| | | *For Automatic Roll Filter, Add* | *4,658.03* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,043.69* | |
| | | *For Electric Heating Coil, Add* | *3,537.60* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *3,537.60* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *3,164.12* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *2,790.64* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *2,329.02* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *4,284.55* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *3,911.08* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *2,790.64* | |
| | | *For Variable Air Volume, Add* | *1,045.74* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,719.65* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,072.65* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0013 | EA | 3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 10,739.17 | 1,428.65 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *971.87* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,882.52* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,813.58* | |
| | | *For Manual Roll Filter, Add* | *4,988.15* | |
| | | *For Automatic Roll Filter, Add* | *5,423.07* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,378.66* | |
| | | *For Electric Heating Coil, Add* | *4,118.32* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *4,118.32* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *3,683.41* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *3,248.49* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *2,711.53* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *4,988.15* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *4,553.24* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *3,248.49* | |
| | | *For Variable Air Volume, Add* | *1,217.76* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,872.48* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,247.88* | |
| 23 73 13 00-0014 | EA | 3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 11,247.91 | 1,535.30 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,015.10* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,964.37* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,935.59* | |
| | | *For Manual Roll Filter, Add* | *5,199.09* | |
| | | *For Automatic Roll Filter, Add* | *5,651.79* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,482.89* | |
| | | *For Electric Heating Coil, Add* | *4,293.69* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *4,293.69* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *3,840.99* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *3,388.29* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *2,825.90* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *5,199.09* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *4,746.39* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *3,388.29* | |
| | | *For Variable Air Volume, Add* | *1,267.56* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,956.65* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,305.87* | |
| 23 73 13 00-0015 | EA | 3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 11,766.85 | 1,650.00 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,058.83* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,046.94* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,058.62* | |
| | | *For Manual Roll Filter, Add* | *5,411.05* | |
| | | *For Automatic Roll Filter, Add* | *5,881.53* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,588.14* | |
| | | *For Electric Heating Coil, Add* | *4,470.08* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *4,470.08* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *3,999.59* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *3,529.11* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *2,940.77* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *5,411.05* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *4,940.56* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *3,529.11* | |
| | | *For Variable Air Volume, Add* | *1,317.36* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,046.44* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,364.88* | |
| 23 73 13 00-0016 | EA | 4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 12,907.86 | 1,904.88 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,154.68* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,227.70* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,327.93* | |
| | | *For Manual Roll Filter, Add* | *5,874.37* | |
| | | *For Automatic Roll Filter, Add* | *6,383.66* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,818.65* | |
| | | *For Electric Heating Coil, Add* | *4,855.80* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *4,855.80* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *4,346.51* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *3,837.22* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *3,191.83* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *5,874.37* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *5,365.08* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *3,837.22* | |
| | | *For Variable Air Volume, Add* | *1,426.00* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,028.85* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,494.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0017 | EA | 4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 12,907.86 | 1,904.88 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,154.68* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,227.70* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,327.93* | |
| | | *For Manual Roll Filter, Add* | *5,874.37* | |
| | | *For Automatic Roll Filter, Add* | *6,383.66* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,818.65* | |
| | | *For Electric Heating Coil, Add* | *4,855.80* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *4,855.80* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *4,346.51* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *3,837.22* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *3,191.83* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *5,874.37* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *5,365.08* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *3,837.22* | |
| | | *For Variable Air Volume, Add* | *1,426.00* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,028.85* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,494.50* | |
| 23 73 13 00-0018 | EA | 5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 14,152.69 | 2,187.92 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,258.96* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,424.13* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,620.56* | |
| | | *For Manual Roll Filter, Add* | *6,377.18* | |
| | | *For Automatic Roll Filter, Add* | *6,928.50* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,069.24* | |
| | | *For Electric Heating Coil, Add* | *5,274.53* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *5,274.53* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *4,723.21* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *4,171.89* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *3,464.25* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *6,377.18* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *5,825.86* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *4,171.89* | |
| | | *For Variable Air Volume, Add* | *1,543.71* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,190.49* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,635.80* | |
| 23 73 13 00-0019 | EA | 5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 14,870.99 | 2,373.71 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,317.51* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,533.26* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,782.93* | |
| | | *For Manual Roll Filter, Add* | *6,652.73* | |
| | | *For Automatic Roll Filter, Add* | *7,226.68* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,208.97* | |
| | | *For Electric Heating Coil, Add* | *5,504.81* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *5,504.81* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *4,930.85* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *4,356.89* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *3,613.34* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *6,652.73* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *6,078.77* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *4,356.89* | |
| | | *For Variable Air Volume, Add* | *1,607.08* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,296.73* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,716.68* | |
| 23 73 13 00-0020 | EA | 6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 15,575.17 | 2,550.12 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,375.35* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,641.41* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,943.89* | |
| | | *For Manual Roll Filter, Add* | *6,926.86* | |
| | | *For Automatic Roll Filter, Add* | *7,523.45* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,347.30* | |
| | | *For Electric Heating Coil, Add* | *5,733.67* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *5,733.67* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *5,137.08* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *4,540.48* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *3,761.73* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *6,926.86* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *6,330.27* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *4,540.48* | |
| | | *For Variable Air Volume, Add* | *1,670.46* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,397.32* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,796.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0021 | EA | 6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 16,283.61 | 2,729.88 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,433.41* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,749.85* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *4,105.28* | |
| | | *For Manual Roll Filter, Add* | *7,201.42* | |
| | | *For Automatic Roll Filter, Add* | *7,820.65* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,486.05* | |
| | | *For Electric Heating Coil, Add* | *5,962.96* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *5,962.96* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *5,343.73* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *4,724.50* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *3,910.32* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *7,201.42* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *6,582.19* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *4,724.50* | |
| | | *For Variable Air Volume, Add* | *1,733.84* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,499.62* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,876.05* | |
| 23 73 13 00-0022 | EA | 7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 17,099.91 | 2,938.48 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,500.09* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,874.25* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *4,290.38* | |
| | | *For Manual Roll Filter, Add* | *7,515.86* | |
| | | *For Automatic Roll Filter, Add* | *8,160.96* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,645.28* | |
| | | *For Electric Heating Coil, Add* | *6,225.67* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *6,225.67* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *5,580.57* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *4,935.48* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *4,080.48* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *7,515.86* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *6,870.77* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *4,935.48* | |
| | | *For Variable Air Volume, Add* | *1,806.27* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,619.19* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,968.03* | |
| 23 73 13 00-0023 | EA | 7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 17,928.43 | 3,148.41 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,567.39* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,999.50* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *4,476.71* | |
| | | *For Manual Roll Filter, Add* | *7,831.53* | |
| | | *For Automatic Roll Filter, Add* | *8,502.50* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,805.74* | |
| | | *For Electric Heating Coil, Add* | *6,489.60* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *6,489.60* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *5,818.64* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *5,147.67* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *4,251.25* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *7,831.53* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *7,160.57* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *5,147.67* | |
| | | *For Variable Air Volume, Add* | *1,878.70* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,532.74* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,061.23* | |
| 23 73 13 00-0024 | EA | 8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 18,782.14 | 3,390.45 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,635.94* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,126.52* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *4,665.55* | |
| | | *For Manual Roll Filter, Add* | *8,149.72* | |
| | | *For Automatic Roll Filter, Add* | *8,846.56* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,968.72* | |
| | | *For Electric Heating Coil, Add* | *6,756.06* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *6,756.06* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *6,059.22* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *5,362.39* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *4,423.28* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *8,149.72* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *7,452.89* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *5,362.39* | |
| | | *For Variable Air Volume, Add* | *1,951.14* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,633.64* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,156.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0025 | EA | 9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 19,754.73 | 3,672.93 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,713.67* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,270.27* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *4,879.22* | |
| | | *For Manual Roll Filter, Add* | *8,508.90* | |
| | | *For Automatic Roll Filter, Add* | *9,234.84* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *4,153.28* | |
| | | *For Electric Heating Coil, Add* | *7,057.03* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *7,057.03* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *6,331.09* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *5,605.16* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *4,617.42* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *8,508.90* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *7,782.97* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *5,605.16* | |
| | | *For Variable Air Volume, Add* | *2,032.62* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,750.80* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,265.85* | |
| 23 73 13 00-0026 | EA | 10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 20,704.20 | 3,921.48 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,790.25* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,412.39* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *5,090.57* | |
| | | *For Manual Roll Filter, Add* | *8,865.77* | |
| | | *For Automatic Roll Filter, Add* | *9,620.81* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *4,335.54* | |
| | | *For Electric Heating Coil, Add* | *7,355.69* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *7,355.69* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *6,600.65* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *5,845.61* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *4,810.40* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *8,865.77* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *8,110.73* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *5,845.61* | |
| | | *For Variable Air Volume, Add* | *2,114.11* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,861.03* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,372.44* | |
| 23 73 13 00-0027 | EA | 11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 20,797.65 | 3,797.01 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,809.47* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,456.77* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *5,158.12* | |
| | | *For Manual Roll Filter, Add* | *9,006.07* | |
| | | *For Automatic Roll Filter, Add* | *9,775.66* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *4,388.53* | |
| | | *For Electric Heating Coil, Add* | *7,466.89* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *7,466.89* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *6,697.30* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *5,927.71* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *4,887.83* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *9,006.07* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *8,236.48* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *5,927.71* | |
| | | *For Variable Air Volume, Add* | *2,154.85* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,801.76* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,387.60* | |
| 23 73 13 00-0028 | EA | 12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 21,699.69 | 4,212.67 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,869.13* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,557.74* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *5,306.53* | |
| | | *For Manual Roll Filter, Add* | *9,227.23* | |
| | | *For Automatic Roll Filter, Add* | *10,011.37* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *4,522.39* | |
| | | *For Electric Heating Coil, Add* | *7,658.95* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *7,658.95* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *6,874.81* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *6,090.67* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *5,005.69* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *9,227.23* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *8,443.09* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *6,090.67* | |
| | | *For Variable Air Volume, Add* | *2,195.59* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,985.06* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,483.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0029 | EA | 13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 22,852.67 | 4,381.89 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,973.66* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,760.36* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *5,609.38* | |
| | | *For Manual Roll Filter, Add* | *9,764.51* | |
| | | *For Automatic Roll Filter, Add* | *10,595.54* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *4,778.35* | |
| | | *For Electric Heating Coil, Add* | *8,102.46* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *8,102.46* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *7,271.43* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *6,440.40* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *5,297.77* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *9,764.51* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *8,933.49* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *6,440.40* | |
| | | *For Variable Air Volume, Add* | *2,326.88* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,646.42* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,617.68* | |
| 23 73 13 00-0030 | EA | 15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 24,065.50 | 4,551.58 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,081.19* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,967.16* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *5,918.21* | |
| | | *For Manual Roll Filter, Add* | *10,307.78* | |
| | | *For Automatic Roll Filter, Add* | *11,185.69* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *5,040.29* | |
| | | *For Electric Heating Coil, Add* | *8,551.95* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *8,551.95* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *7,674.03* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *6,796.12* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *5,592.85* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *10,307.78* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *9,429.86* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *6,796.12* | |
| | | *For Variable Air Volume, Add* | *2,458.16* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,701.44* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,757.72* | |
| 23 73 13 00-0031 | EA | 16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 25,352.11 | 4,726.64 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,198.87* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *4,195.94* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *6,260.28* | |
| | | *For Manual Roll Filter, Add* | *10,916.62* | |
| | | *For Automatic Roll Filter, Add* | *11,847.89* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *5,329.02* | |
| | | *For Electric Heating Coil, Add* | *9,054.09* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *9,054.09* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *8,122.82* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *7,191.55* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *5,923.95* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *10,916.62* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *9,985.36* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *7,191.55* | |
| | | *For Variable Air Volume, Add* | *2,607.55* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,745.35* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,907.72* | |
| 23 73 13 00-0032 | EA | 17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 26,692.18 | 4,901.89 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,319.23* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *4,428.47* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *6,607.71* | |
| | | *For Manual Roll Filter, Add* | *11,530.82* | |
| | | *For Automatic Roll Filter, Add* | *12,515.44* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *5,623.08* | |
| | | *For Electric Heating Coil, Add* | *9,561.57* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *9,561.57* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *8,576.95* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *7,592.33* | |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *6,257.72* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *11,530.82* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *10,546.19* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *7,592.33* | |
| | | *For Variable Air Volume, Add* | *2,756.94* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,799.95* | |
| | | *For 2 Coils, Independent Circuits, Add* | *3,063.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0033 | EA | 20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 29,758.89 | 5,255.18 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,600.29* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *4,975.23* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *8,537.63* | |
| | | *For Manual Roll Filter, Add* | *12,319.61* | |
| | | *For Automatic Roll Filter, Add* | *12,987.02* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *5,200.59* | |
| | | *For Electric Heating Coil, Add* | *5,645.52* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *9,649.98* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *8,537.63* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *7,425.28* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *5,937.34* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *11,874.67* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *10,762.33* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *8,537.63* | |
| | | *For Variable Air Volume, Add* | *3,114.57* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,049.59* | |
| | | *For 2 Coils, Independent Circuits, Add* | *3,420.83* | |
| 23 73 13 00-0034 | EA | 22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 33,018.74 | 5,663.65 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,895.86* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *5,548.12* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *9,526.50* | |
| | | *For Manual Roll Filter, Add* | *13,759.24* | |
| | | *For Automatic Roll Filter, Add* | *14,506.19* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *5,791.72* | |
| | | *For Electric Heating Coil, Add* | *6,289.69* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *10,771.42* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *9,526.50* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *8,281.57* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *6,630.64* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *13,261.27* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *12,016.35* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *9,526.50* | |
| | | *For Variable Air Volume, Add* | *3,485.79* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,156.04* | |
| | | *For 2 Coils, Independent Circuits, Add* | *3,799.84* | |
| 23 73 13 00-0035 | EA | 25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 36,581.46 | 6,068.49 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *3,224.36* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *6,188.44* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *10,634.57* | |
| | | *For Manual Roll Filter, Add* | *15,378.54* | |
| | | *For Automatic Roll Filter, Add* | *16,215.72* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *6,448.72* | |
| | | *For Electric Heating Coil, Add* | *7,006.83* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *12,029.86* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *10,634.57* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *9,239.29* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *7,410.22* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *14,820.43* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *13,425.14* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *10,634.57* | |
| | | *For Variable Air Volume, Add* | *3,906.80* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,253.26* | |
| | | *For 2 Coils, Independent Circuits, Add* | *4,216.26* | |
| 23 73 13 00-0036 | EA | 27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 45,031.61 | 6,535.61 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *4,036.51* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *7,793.03* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *13,427.81* | |
| | | *For Manual Roll Filter, Add* | *19,496.58* | |
| | | *For Automatic Roll Filter, Add* | *20,567.54* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *8,073.02* | |
| | | *For Electric Heating Coil, Add* | *8,786.99* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *15,212.74* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *13,427.81* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *11,642.88* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *9,391.30* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *18,782.61* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *16,997.67* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *13,427.81* | |
| | | *For Variable Air Volume, Add* | *4,997.81* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,368.28* | |
| | | *For 2 Coils, Independent Circuits, Add* | *5,217.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0037 | EA | 30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 50,313.01 | 6,975.80 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *4,533.40* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *8,768.05* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *15,120.04* | |
| | | *For Manual Roll Filter, Add* | *21,980.38* | |
| | | *For Automatic Roll Filter, Add* | *23,191.03* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *9,066.80* | |
| | | *For Electric Heating Coil, Add* | *9,873.90* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *17,137.79* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *15,120.04* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *13,102.29* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *10,586.64* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *21,173.28* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *19,155.53* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *15,120.04* | |
| | | *For Variable Air Volume, Add* | *5,649.69* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,258.71* | |
| | | *For 2 Coils, Independent Circuits, Add* | *5,838.40* | |
| 23 73 13 00-0038 | EA | 32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 55,122.87 | 7,511.91 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *4,975.99* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *9,630.20* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *16,611.51* | |
| | | *For Manual Roll Filter, Add* | *24,158.99* | |
| | | *For Automatic Roll Filter, Add* | *25,490.90* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *9,951.98* | |
| | | *For Electric Heating Coil, Add* | *10,839.92* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *18,831.36* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *16,611.51* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *14,391.67* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *11,635.53* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *23,271.05* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *21,051.21* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *16,611.51* | |
| | | *For Variable Air Volume, Add* | *6,215.57* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,373.89* | |
| | | *For 2 Coils, Independent Circuits, Add* | *6,400.23* | |
| 23 73 13 00-0039 | EA | 35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 60,480.57 | 9,023.22 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *5,465.37* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *10,581.14* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *18,254.78* | |
| | | *For Manual Roll Filter, Add* | *26,555.36* | |
| | | *For Automatic Roll Filter, Add* | *28,020.16* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *10,930.75* | |
| | | *For Electric Heating Coil, Add* | *11,907.29* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *20,696.13* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *18,254.78* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *15,813.44* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *12,789.41* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *25,578.82* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *23,137.47* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *18,254.78* | |
| | | *For Variable Air Volume, Add* | *6,835.77* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,513.05* | |
| | | *For 2 Coils, Independent Circuits, Add* | *7,024.60* | |
| 23 73 13 00-0040 | EA | 37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 65,094.40 | 8,652.53 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *5,891.70* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *11,412.75* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *19,694.32* | |
| | | *For Manual Roll Filter, Add* | *28,660.04* | |
| | | *For Automatic Roll Filter, Add* | *30,242.22* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *11,783.39* | |
| | | *For Electric Heating Coil, Add* | *12,838.18* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *22,331.30* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *19,694.32* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *17,057.34* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *13,802.62* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *27,605.25* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *24,968.27* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *19,694.32* | |
| | | *For Variable Air Volume, Add* | *7,383.53* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,618.23* | |
| | | *For 2 Coils, Independent Circuits, Add* | *7,564.23* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0041 | EA | 40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 70,210.43 | 9,256.10 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *6,357.68* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *12,317.34* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *21,256.83* | |
| | | *For Manual Roll Filter, Add* | *30,937.17* | |
| | | *For Automatic Roll Filter, Add* | *32,645.47* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *12,715.36* | |
| | | *For Electric Heating Coil, Add* | *13,854.22* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *24,103.99* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *21,256.83* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *18,409.68* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *14,899.15* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *29,798.31* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *26,951.15* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *21,256.83* | |
| | | *For Variable Air Volume, Add* | *7,972.04* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,488.41* | |
| | | *For 2 Coils, Independent Circuits, Add* | *8,159.91* | |
| 23 73 13 00-0042 | EA | 45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 75,780.17 | 9,993.99 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *6,864.13* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *13,299.94* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *22,953.64* | |
| | | *For Manual Roll Filter, Add* | *33,409.07* | |
| | | *For Automatic Roll Filter, Add* | *35,254.14* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *13,728.27* | |
| | | *For Electric Heating Coil, Add* | *14,958.32* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *26,028.77* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *22,953.64* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *19,878.52* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *16,089.51* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *32,179.02* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *29,103.89* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *22,953.64* | |
| | | *For Variable Air Volume, Add* | *8,610.35* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,614.71* | |
| | | *For 2 Coils, Independent Circuits, Add* | *8,808.07* | |
| 23 73 13 00-0043 | EA | 47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 78,944.53 | 10,463.41 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *7,148.46* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *13,849.33* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *23,900.62* | |
| | | *For Manual Roll Filter, Add* | *34,784.82* | |
| | | *For Automatic Roll Filter, Add* | *36,705.56* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *14,296.92* | |
| | | *For Electric Heating Coil, Add* | *15,577.41* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *27,101.86* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *23,900.62* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *20,699.39* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *16,752.16* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *33,504.33* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *30,303.09* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *23,900.62* | |
| | | *For Variable Air Volume, Add* | *8,963.46* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,694.98* | |
| | | *For 2 Coils, Independent Circuits, Add* | *9,174.95* | |
| 23 73 13 00-0044 | EA | 50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 81,927.80 | 10,865.85 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *7,417.27* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *14,369.22* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *24,797.16* | |
| | | *For Manual Roll Filter, Add* | *36,088.14* | |
| | | *For Automatic Roll Filter, Add* | *38,080.66* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *14,834.53* | |
| | | *For Electric Heating Coil, Add* | *16,162.88* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *28,118.04* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *24,797.16* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *21,476.28* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *17,379.89* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *34,759.79* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *31,438.91* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *24,797.16* | |
| | | *For Variable Air Volume, Add* | *9,298.45* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,768.79* | |
| | | *For 2 Coils, Independent Circuits, Add* | *9,521.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0045 | EA | 55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 88,336.94 | 11,603.66 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *8,004.49* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *15,511.46* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *26,771.92* | |
| | | *For Manual Roll Filter, Add* | *38,969.92* | |
| | | *For Automatic Roll Filter, Add* | *41,122.50* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *16,008.99* | |
| | | *For Electric Heating Coil, Add* | *17,444.04* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *30,359.57* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *26,771.92* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *23,184.28* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *18,767.43* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *37,534.86* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *33,947.21* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *26,771.92* | |
| | | *For Variable Air Volume, Add* | *10,045.41* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,903.00* | |
| | | *For 2 Coils, Independent Circuits, Add* | *10,268.75* | |
| 23 73 13 00-0046 | EA | 60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 96,643.31 | 12,408.54 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *8,777.12* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *17,021.91* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *29,389.11* | |
| | | *For Manual Roll Filter, Add* | *42,801.95* | |
| | | *For Automatic Roll Filter, Add* | *45,168.93* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *17,554.24* | |
| | | *For Electric Heating Coil, Add* | *19,132.22* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *33,334.06* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *29,389.11* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *25,444.15* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *20,611.99* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *41,223.97* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *37,279.02* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *29,389.11* | |
| | | *For Variable Air Volume, Add* | *11,045.87* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,674.42* | |
| | | *For 2 Coils, Independent Circuits, Add* | *11,242.31* | |
| 23 73 13 00-0047 | EA | 65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 105,952.77 | 13,414.63 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *9,637.09* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *18,699.27* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *32,292.53* | |
| | | *For Manual Roll Filter, Add* | *47,046.66* | |
| | | *For Automatic Roll Filter, Add* | *49,650.33* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *19,274.18* | |
| | | *For Electric Heating Coil, Add* | *21,009.96* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *36,631.98* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *32,292.53* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *27,953.08* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *22,655.44* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *45,310.88* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *40,971.43* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *32,292.53* | |
| | | *For Variable Air Volume, Add* | *12,150.46* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,816.38* | |
| | | *For 2 Coils, Independent Circuits, Add* | *12,331.06* | |
| 23 73 13 00-0048 | EA | 70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan | 116,317.46 | 14,554.88 |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *10,590.24* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *20,555.57* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *35,503.58* | |
| | | *For Manual Roll Filter, Add* | *51,736.42* | |
| | | *For Automatic Roll Filter, Add* | *54,601.04* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *21,180.48* | |
| | | *For Electric Heating Coil, Add* | *23,090.22* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *40,277.94* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *35,503.58* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *30,729.21* | |
| | | *For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add* | *24,913.34* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *49,826.67* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *45,052.31* | |
| | | *For Hot Water Heating Coil, Copper Fins, Add* | *35,503.58* | |
| | | *For Variable Air Volume, Add* | *13,368.22* | |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,983.01* | |
| | | *For 2 Coils, Independent Circuits, Add* | *13,541.49* | |

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0050 | EA | 1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 6,897.84 | 1,207.13 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *1,846.89* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *603.58* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,155.43* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *1,465.84* | |
| | | *For Manual Roll Filter, Add* | *3,017.95* | |
| | | *For Automatic Roll Filter, Add* | *3,017.95* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *689.78* | |
| | | *For Electric Heating Coil, Add* | *793.26* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *2,500.58* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *2,500.58* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *3,017.95* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *3,017.95* | |
| | | *For 2 Coils, Independent Circuits, Add* | *793.26* | |
| 23 73 13 00-0051 | EA | 1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 8,595.32 | 1,512.31 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,152.36* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *751.51* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,438.20* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *1,824.75* | |
| | | *For Manual Roll Filter, Add* | *3,755.19* | |
| | | *For Automatic Roll Filter, Add* | *3,755.19* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *859.53* | |
| | | *For Electric Heating Coil, Add* | *988.23* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *3,111.71* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *3,111.71* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *3,755.19* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *3,755.19* | |
| | | *For 2 Coils, Independent Circuits, Add* | *988.23* | |
| 23 73 13 00-0052 | EA | 1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 10,641.80 | 1,609.57 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,249.43* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *949.22* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,829.47* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,315.57* | |
| | | *For Manual Roll Filter, Add* | *4,818.35* | |
| | | *For Automatic Roll Filter, Add* | *4,818.35* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,064.18* | |
| | | *For Electric Heating Coil, Add* | *1,231.03* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *3,984.09* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *3,984.09* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *4,818.35* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *4,818.35* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,231.03* | |
| 23 73 13 00-0053 | EA | 2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 11,062.92 | 1,723.58 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,363.13* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *983.21* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *1,892.57* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,396.49* | |
| | | *For Manual Roll Filter, Add* | *4,976.88* | |
| | | *For Automatic Roll Filter, Add* | *4,976.88* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,106.29* | |
| | | *For Electric Heating Coil, Add* | *1,278.32* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *4,116.75* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *4,116.75* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *4,976.88* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *4,976.88* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,278.32* | |
| 23 73 13 00-0054 | EA | 2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 12,954.73 | 1,847.68 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,487.75* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,163.49* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,247.79* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,842.74* | |
| | | *For Manual Roll Filter, Add* | *5,937.26* | |
| | | *For Automatic Roll Filter, Add* | *5,937.26* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,295.47* | |
| | | *For Electric Heating Coil, Add* | *1,501.77* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *4,905.75* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *4,905.75* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *5,937.26* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *5,937.26* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,501.77* | |
| 23 73 13 00-0055 | EA | 3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 13,658.97 | 1,978.66 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,618.56* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,224.57* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,364.35* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *2,990.77* | |
| | | *For Manual Roll Filter, Add* | *6,240.50* | |
| | | *For Automatic Roll Filter, Add* | *6,240.50* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,365.90* | |
| | | *For Electric Heating Coil, Add* | *1,582.55* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *5,157.26* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *5,157.26* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *6,240.50* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *6,240.50* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,582.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0056 | EA | 3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 14,400.08 | 2,112.71 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,752.54* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,289.11* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,487.69* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,147.33* | |
| | | *For Manual Roll Filter, Add* | *6,561.98* | |
| | | *For Automatic Roll Filter, Add* | *6,561.98* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,440.01* | |
| | | *For Electric Heating Coil, Add* | *1,667.65* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *5,423.77* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *5,423.77* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *6,561.98* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *6,561.98* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,667.65* | |
| 23 73 13 00-0057 | EA | 4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 16,068.93 | 2,267.08 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,527.41* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,445.31* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *2,793.67* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,532.48* | |
| | | *For Manual Roll Filter, Add* | *7,383.66* | |
| | | *For Automatic Roll Filter, Add* | *7,383.66* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,606.89* | |
| | | *For Electric Heating Coil, Add* | *1,863.64* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *6,099.94* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *6,099.94* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *7,383.66* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *7,383.66* | |
| | | *For 2 Coils, Independent Circuits, Add* | *1,863.64* | |
| 23 73 13 00-0058 | EA | 4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 17,566.91 | 2,427.86 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,657.70* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,583.26* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,062.47* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *3,871.45* | |
| | | *For Manual Roll Filter, Add* | *8,100.95* | |
| | | *For Automatic Roll Filter, Add* | *8,100.95* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,756.69* | |
| | | *For Electric Heating Coil, Add* | *2,038.66* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *6,691.12* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *6,691.12* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *8,100.95* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *8,100.95* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,038.66* | |
| 23 73 13 00-0059 | EA | 5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 18,570.42 | 2,593.05 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,782.80* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,672.24* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,233.60* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *4,088.21* | |
| | | *For Manual Roll Filter, Add* | *8,550.53* | |
| | | *For Automatic Roll Filter, Add* | *8,550.53* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *1,857.04* | |
| | | *For Electric Heating Coil, Add* | *2,154.53* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *7,063.09* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *7,063.09* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *8,550.53* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *8,550.53* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,154.53* | |
| 23 73 13 00-0060 | EA | 5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 20,483.00 | 2,770.31 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *2,927.70* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,850.33* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,581.87* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *4,526.83* | |
| | | *For Manual Roll Filter, Add* | *9,483.89* | |
| | | *For Automatic Roll Filter, Add* | *9,483.89* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,048.30* | |
| | | *For Electric Heating Coil, Add* | *2,378.77* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *7,831.54* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *7,831.54* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *9,483.89* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *9,483.89* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,378.77* | |
| 23 73 13 00-0061 | EA | 6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 21,793.36 | 2,964.83 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,079.29* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *1,967.58* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *3,808.11* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *4,813.08* | |
| | | *For Manual Roll Filter, Add* | *10,080.56* | |
| | | *For Automatic Roll Filter, Add* | *10,080.56* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,179.34* | |
| | | *For Electric Heating Coil, Add* | *2,530.50* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *8,324.73* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *8,324.73* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *10,080.56* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *10,080.56* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,530.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0062 | EA | 6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 23,900.04 | 3,219.52 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,277.60* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,160.22* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *4,182.58* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *5,285.67* | |
| | | *For Manual Roll Filter, Add* | *11,076.99* | |
| | | *For Automatic Roll Filter, Add* | *11,076.99* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,390.00* | |
| | | *For Electric Heating Coil, Add* | *2,776.09* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *9,146.55* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *9,146.55* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *11,076.99* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *11,076.99* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,776.09* | |
| 23 73 13 00-0063 | EA | 7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 25,679.06 | 3,467.78 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,473.53* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,320.31* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *4,492.07* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *5,676.98* | |
| | | *For Manual Roll Filter, Add* | *11,895.14* | |
| | | *For Automatic Roll Filter, Add* | *11,895.14* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,567.91* | |
| | | *For Electric Heating Coil, Add* | *2,982.45* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *9,822.42* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *9,822.42* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *11,895.14* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *11,895.14* | |
| | | *For 2 Coils, Independent Circuits, Add* | *2,982.45* | |
| 23 73 13 00-0064 | EA | 7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 26,945.79 | 3,749.39 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,078.22* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,427.30* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *4,694.24* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *5,934.62* | |
| | | *For Manual Roll Filter, Add* | *12,414.69* | |
| | | *For Automatic Roll Filter, Add* | *12,414.69* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,694.58* | |
| | | *For Electric Heating Coil, Add* | *3,126.58* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *10,254.67* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *10,254.67* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *12,414.69* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *12,414.69* | |
| | | *For 2 Coils, Independent Circuits, Add* | *3,126.58* | |
| 23 73 13 00-0065 | EA | 8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 29,903.35 | 4,044.32 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,252.37* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,701.29* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *5,229.15* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *6,608.70* | |
| | | *For Manual Roll Filter, Add* | *13,845.43* | |
| | | *For Automatic Roll Filter, Add* | *13,845.43* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *2,990.34* | |
| | | *For Electric Heating Coil, Add* | *3,472.78* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *11,433.19* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *11,433.19* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *13,845.43* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *13,845.43* | |
| | | *For 2 Coils, Independent Circuits, Add* | *3,472.78* | |
| 23 73 13 00-0066 | EA | 8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 31,486.30 | 4,359.57 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,432.85* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,837.02* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *5,487.08* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *6,936.76* | |
| | | *For Manual Roll Filter, Add* | *14,513.01* | |
| | | *For Automatic Roll Filter, Add* | *14,513.01* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,148.63* | |
| | | *For Electric Heating Coil, Add* | *3,653.71* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *11,987.59* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *11,987.59* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *14,513.01* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *14,513.01* | |
| | | *For 2 Coils, Independent Circuits, Add* | *3,653.71* | |
| 23 73 13 00-0067 | EA | 9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 33,239.40 | 4,721.95 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,629.65* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *2,987.73* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *5,773.74* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *7,301.23* | |
| | | *For Manual Roll Filter, Add* | *15,255.81* | |
| | | *For Automatic Roll Filter, Add* | *15,255.81* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,323.94* | |
| | | *For Electric Heating Coil, Add* | *3,854.25* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *12,604.28* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *12,604.28* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *15,255.81* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *15,255.81* | |
| | | *For 2 Coils, Independent Circuits, Add* | *3,854.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0068 | EA | 10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 35,127.64 | 5,097.27 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,365.98* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *3,148.43* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *6,078.27* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *7,688.92* | |
| | | *For Manual Roll Filter, Add* | *16,041.23* | |
| | | *For Automatic Roll Filter, Add* | *16,041.23* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,512.76* | |
| | | *For Electric Heating Coil, Add* | *4,069.58* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *13,257.13* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *13,257.13* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *16,041.23* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *16,041.23* | |
| | | *For 2 Coils, Independent Circuits, Add* | *4,069.58* | |
| 23 73 13 00-0069 | EA | 11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 36,114.19 | 5,292.07 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,453.38* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *3,232.52* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *6,237.71* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *7,891.86* | |
| | | *For Manual Roll Filter, Add* | *16,452.73* | |
| | | *For Automatic Roll Filter, Add* | *16,452.73* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,611.42* | |
| | | *For Electric Heating Coil, Add* | *4,182.14* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *13,599.11* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *13,599.11* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *16,452.73* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *16,452.73* | |
| | | *For 2 Coils, Independent Circuits, Add* | *4,182.14* | |
| 23 73 13 00-0070 | EA | 12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 37,056.97 | 5,480.93 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,527.65* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *3,314.42* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *6,394.08* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *8,090.42* | |
| | | *For Manual Roll Filter, Add* | *16,859.86* | |
| | | *For Automatic Roll Filter, Add* | *16,859.86* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *3,705.70* | |
| | | *For Electric Heating Coil, Add* | *4,290.33* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *13,936.71* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *13,936.71* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *16,859.86* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *16,859.86* | |
| | | *For 2 Coils, Independent Circuits, Add* | *4,290.33* | |
| 23 73 13 00-0071 | EA | 13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 41,924.85 | 5,701.22 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,033.28* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *3,784.17* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *7,323.34* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *9,256.26* | |
| | | *For Manual Roll Filter, Add* | *19,383.80* | |
| | | *For Automatic Roll Filter, Add* | *19,383.80* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *4,192.49* | |
| | | *For Electric Heating Coil, Add* | *4,867.65* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *16,007.95* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *16,007.95* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *19,383.80* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *19,383.80* | |
| | | *For 2 Coils, Independent Circuits, Add* | *4,867.65* | |
| 23 73 13 00-0072 | EA | 15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 46,756.67 | 5,927.07 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,217.46* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *4,252.11* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *8,250.08* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *10,418.49* | |
| | | *For Manual Roll Filter, Add* | *21,904.13* | |
| | | *For Automatic Roll Filter, Add* | *21,904.13* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *4,675.67* | |
| | | *For Electric Heating Coil, Add* | *5,441.38* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *18,075.58* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *18,075.58* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *21,904.13* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *21,904.13* | |
| | | *For 2 Coils, Independent Circuits, Add* | *5,441.38* | |
| 23 73 13 00-0073 | EA | 16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 53,809.22 | 6,150.61 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,271.81* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *4,941.83* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *9,620.22* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *12,135.04* | |
| | | *For Manual Roll Filter, Add* | *25,643.28* | |
| | | *For Automatic Roll Filter, Add* | *25,643.28* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *5,380.92* | |
| | | *For Electric Heating Coil, Add* | *6,281.47* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *21,140.53* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *21,140.53* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *25,643.28* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *25,643.28* | |
| | | *For 2 Coils, Independent Circuits, Add* | *6,281.47* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0074 | EA | 17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 60,866.17 | 6,371.95 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,326.93* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *5,631.78* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *10,990.66* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *13,852.03* | |
| | | *For Manual Roll Filter, Add* | *29,382.87* | |
| | | *For Automatic Roll Filter, Add* | *29,382.87* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *6,086.62* | |
| | | *For Electric Heating Coil, Add* | *7,122.01* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *24,205.92* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *24,205.92* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *29,382.87* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *29,382.87* | |
| | | *For 2 Coils, Independent Circuits, Add* | *7,122.01* | |
| 23 73 13 00-0075 | EA | 20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 68,362.22 | 6,908.53 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,461.71* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *6,342.88* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *9,464.98* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *15,610.51* | |
| | | *For Manual Roll Filter, Add* | *24,384.81* | |
| | | *For Automatic Roll Filter, Add* | *30,234.33* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *6,836.22* | |
| | | *For Electric Heating Coil, Add* | *8,006.13* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *24,384.81* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *24,384.81* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *12,685.75* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *30,234.33* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *30,234.33* | |
| | | *For 2 Coils, Independent Circuits, Add* | *8,006.13* | |
| 23 73 13 00-0076 | EA | 22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 73,727.49 | 7,512.19 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,365.93* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *6,839.11* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *10,205.29* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *16,830.94* | |
| | | *For Manual Roll Filter, Add* | *26,289.13* | |
| | | *For Automatic Roll Filter, Add* | *32,594.59* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *7,372.75* | |
| | | *For Electric Heating Coil, Add* | *8,633.84* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *26,289.13* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *26,289.13* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *13,678.21* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *32,594.59* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *32,594.59* | |
| | | *For 2 Coils, Independent Circuits, Add* | *8,633.84* | |
| 23 73 13 00-0077 | EA | 25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 88,032.59 | 8,115.57 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,503.65* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *8,223.71* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *12,277.61* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *20,269.50* | |
| | | *For Manual Roll Filter, Add* | *31,735.74* | |
| | | *For Automatic Roll Filter, Add* | *39,379.90* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *8,803.26* | |
| | | *For Electric Heating Coil, Add* | *10,332.09* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *31,735.74* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *31,735.74* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *16,447.42* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *39,379.90* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *39,379.90* | |
| | | *For 2 Coils, Independent Circuits, Add* | *10,332.09* | |
| 23 73 13 00-0078 | EA | 27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 99,549.80 | 8,786.58 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,645.17* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *9,328.26* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *13,929.71* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *23,007.28* | |
| | | *For Manual Roll Filter, Add* | *36,059.59* | |
| | | *For Automatic Roll Filter, Add* | *44,761.12* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *9,954.98* | |
| | | *For Electric Heating Coil, Add* | *11,695.29* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *36,059.59* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *36,059.59* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *18,656.52* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *44,761.12* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *44,761.12* | |
| | | *For 2 Coils, Independent Circuits, Add* | *11,695.29* | |
| 23 73 13 00-0079 | EA | 30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 107,904.67 | 9,457.60 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,792.52* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *10,114.63* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *15,104.36* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *24,948.65* | |
| | | *For Manual Roll Filter, Add* | *39,106.84* | |
| | | *For Automatic Roll Filter, Add* | *48,545.63* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *10,790.47* | |
| | | *For Electric Heating Coil, Add* | *12,678.23* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *39,106.84* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *39,106.84* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *20,229.26* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *48,545.63* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *48,545.63* | |
| | | *For 2 Coils, Independent Circuits, Add* | *12,678.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0080 | EA | 32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 120,561.95 | 11,066.79 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,804.29* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *11,266.48* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *16,820.75* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *27,771.34* | |
| | | *For Manual Roll Filter, Add* | *43,486.49* | |
| | | *For Automatic Roll Filter, Add* | *53,963.26* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *12,056.20* | |
| | | *For Electric Heating Coil, Add* | *14,151.55* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *43,486.49* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *43,486.49* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *22,532.96* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *53,963.26* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *53,963.26* | |
| | | *For 2 Coils, Independent Circuits, Add* | *14,151.55* | |
| 23 73 13 00-0081 | EA | 35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 121,152.67 | 11,469.51 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,878.13* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *11,296.02* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *16,862.10* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *27,830.42* | |
| | | *For Manual Roll Filter, Add* | *43,545.57* | |
| | | *For Automatic Roll Filter, Add* | *54,022.33* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *12,115.27* | |
| | | *For Electric Heating Coil, Add* | *14,210.62* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *43,545.57* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *43,545.57* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *22,592.03* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *54,022.33* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *54,022.33* | |
| | | *For 2 Coils, Independent Circuits, Add* | *14,210.62* | |
| 23 73 13 00-0082 | EA | 37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 126,723.09 | 11,871.57 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,951.97* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *11,823.52* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *17,650.41* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *29,134.41* | |
| | | *For Manual Roll Filter, Add* | *45,596.52* | |
| | | *For Automatic Roll Filter, Add* | *56,571.25* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *12,672.31* | |
| | | *For Electric Heating Coil, Add* | *14,867.26* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *45,596.52* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *45,596.52* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *23,647.05* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *56,571.25* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *56,571.25* | |
| | | *For 2 Coils, Independent Circuits, Add* | *14,867.26* | |
| 23 73 13 00-0083 | EA | 40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 132,564.77 | 12,743.89 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *4,104.18* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *12,346.81* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *18,429.24* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *30,412.18* | |
| | | *For Manual Roll Filter, Add* | *47,567.89* | |
| | | *For Automatic Roll Filter, Add* | *59,005.02* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *13,256.48* | |
| | | *For Electric Heating Coil, Add* | *15,543.90* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *47,567.89* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *47,567.89* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *24,693.61* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *59,005.02* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *59,005.02* | |
| | | *For 2 Coils, Independent Circuits, Add* | *15,543.90* | |
| 23 73 13 00-0084 | EA | 45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 142,892.35 | 13,414.63 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *4,214.87* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *13,335.29* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *19,907.54* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *32,861.24* | |
| | | *For Manual Roll Filter, Add* | *51,433.25* | |
| | | *For Automatic Roll Filter, Add* | *63,814.59* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *14,289.24* | |
| | | *For Electric Heating Coil, Add* | *16,765.50* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *51,433.25* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *51,433.25* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *26,670.57* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *63,814.59* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *63,814.59* | |
| | | *For 2 Coils, Independent Circuits, Add* | *16,765.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0085 | EA | 50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 153,628.19 | 14,152.44 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *3,924.34* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *14,350.65* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *21,424.75* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *35,370.53* | |
| | | *For Manual Roll Filter, Add* | *55,378.24* | |
| | | *For Automatic Roll Filter, Add* | *68,716.72* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *15,362.82* | |
| | | *For Electric Heating Coil, Add* | *18,030.51* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *55,378.24* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *55,378.24* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *28,701.29* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *68,716.72* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *68,716.72* | |
| | | *For 2 Coils, Independent Circuits, Add* | *18,030.51* | |
| 23 73 13 00-0086 | EA | 55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 165,507.55 | 15,024.39 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *4,045.20* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *15,478.15* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *23,109.97* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *38,159.09* | |
| | | *For Manual Roll Filter, Add* | *59,767.42* | |
| | | *For Automatic Roll Filter, Add* | *74,172.97* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *16,550.76* | |
| | | *For Electric Heating Coil, Add* | *19,431.87* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *59,767.42* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *59,767.42* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *30,956.31* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *74,172.97* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *74,172.97* | |
| | | *For 2 Coils, Independent Circuits, Add* | *19,431.87* | |
| 23 73 13 00-0087 | EA | 60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan | 177,598.61 | 15,426.82 |
| | | *For Economizer, Panel, Controls And Damper(s), Add* | *4,099.92* | |
| | | *For Flat Filter Box And Throwaway Filters, Add* | *16,659.90* | |
| | | *For Medium Capacity Filter Box And Throwaway Filters, Add* | *24,879.85* | |
| | | *For Combination Filter Mixing Box And Throwaway Filters, Add* | *41,099.77* | |
| | | *For Manual Roll Filter, Add* | *64,439.68* | |
| | | *For Automatic Roll Filter, Add* | *79,999.61* | |
| | | *For Hot Water Heating Coil, Aluminum Fins, Add* | *17,759.86* | |
| | | *For Electric Heating Coil, Add* | *20,871.85* | |
| | | *For Chilled Water Cooling Coil, Aluminum Fins, Add* | *64,439.68* | |
| | | *For Direct Expansion Cooling Coil, Aluminum Fins, Add* | *64,439.68* | |
| | | *For Steam Heating Coil, Aluminum Fins, Add* | *33,319.80* | |
| | | *For Chilled Water Cooling Coil, Copper Fins, Add* | *79,999.61* | |
| | | *For Direct Expansion Cooling Coil, Copper Fins, Add* | *79,999.61* | |
| | | *For 2 Coils, Independent Circuits, Add* | *20,871.85* | |

### 23 73 13 00-0088 Return/Supply Air Fan *(23 73 13)*

Note: Includes vibration mounts.

| | | | | |
|---|---|---|---|---|
| 23 73 13 00-0089 | EA | 300 CFM Return Air Fan | 3,133.18 | 536.48 |
| 23 73 13 00-0090 | EA | 500 CFM Return Air Fan | 4,073.12 | 643.80 |
| 23 73 13 00-0091 | EA | 750 CFM Return Air Fan | 4,254.91 | 670.63 |
| 23 73 13 00-0092 | EA | 1,000 CFM Return Air Fan | 4,867.45 | 710.88 |
| 23 73 13 00-0093 | EA | 1,250 CFM Return Air Fan | 5,013.29 | 744.42 |
| 23 73 13 00-0094 | EA | 1,500 CFM Return Air Fan | 5,126.38 | 777.95 |
| 23 73 13 00-0095 | EA | 1,750 CFM Return Air Fan | 5,379.85 | 818.19 |
| 23 73 13 00-0096 | EA | 2,000 CFM Return Air Fan | 5,992.38 | 858.44 |
| 23 73 13 00-0097 | EA | 2,250 CFM Return Air Fan | 6,278.40 | 898.68 |
| 23 73 13 00-0098 | EA | 2,500 CFM Return Air Fan | 6,433.86 | 938.92 |
| 23 73 13 00-0099 | EA | 3,000 CFM Return Air Fan | 6,805.83 | 1,039.54 |
| 23 73 13 00-0100 | EA | 3,500 CFM Return Air Fan | 6,980.60 | 1,093.20 |
| 23 73 13 00-0101 | EA | 4,000 CFM Return Air Fan | 7,145.57 | 1,140.14 |
| 23 73 13 00-0102 | EA | 4,500 CFM Return Air Fan | 7,352.99 | 1,193.90 |
| 23 73 13 00-0103 | EA | 5,000 CFM Return Air Fan | 7,537.04 | 1,254.26 |
| 23 73 13 00-0104 | EA | 5,500 CFM Return Air Fan | 7,878.25 | 1,401.83 |
| 23 73 13 00-0105 | EA | 6,000 CFM Return Air Fan | 8,937.44 | 1,663.42 |
| 23 73 13 00-0106 | EA | 6,500 CFM Return Air Fan | 9,172.22 | 1,690.25 |
| 23 73 13 00-0107 | EA | 7,000 CFM Return Air Fan | 9,279.31 | 1,696.95 |
| 23 73 13 00-0108 | EA | 8,000 CFM Return Air Fan | 9,775.28 | 1,723.78 |
| 23 73 13 00-0109 | EA | 9,000 CFM Return Air Fan | 9,996.73 | 1,743.90 |
| 23 73 13 00-0110 | EA | 10,000 CFM Return Air Fan | 10,520.23 | 1,811.26 |
| 23 73 13 00-0111 | EA | 12,500 CFM Return Air Fan | 11,219.34 | 1,844.42 |
| 23 73 13 00-0112 | EA | 15,000 CFM Return Air Fan | 12,699.39 | 1,896.83 |
| 23 73 13 00-0113 | EA | 17,500 CFM Return Air Fan | 13,856.74 | 1,998.68 |
| 23 73 13 00-0114 | EA | 20,000 CFM Return Air Fan | 16,527.28 | 2,085.69 |
| 23 73 13 00-0115 | EA | 22,500 CFM Return Air Fan | 17,323.35 | 2,158.41 |
| 23 73 13 00-0116 | EA | 25,000 CFM Return Air Fan | 18,118.14 | 2,220.12 |
| 23 73 13 00-0117 | EA | 27,500 CFM Return Air Fan | 19,188.85 | 2,441.47 |
| 23 73 13 00-0118 | EA | 30,000 CFM Return Air Fan | 20,522.14 | 2,575.42 |
| 23 73 13 00-0119 | EA | 35,000 CFM Return Air Fan | 23,190.14 | 2,682.64 |
| 23 73 13 00-0120 | EA | 40,000 CFM Return Air Fan | 27,360.45 | 2,950.93 |
| 23 73 13 00-0121 | EA | 45,000 CFM Return Air Fan | 33,712.78 | 3,353.37 |
| 23 73 13 00-0122 | EA | 50,000 CFM Return Air Fan | 41,133.33 | 3,474.39 |
| 23 73 13 00-0123 | EA | 55,000 CFM Return Air Fan | 43,067.52 | 3,574.71 |
| 23 73 13 00-0124 | EA | 60,000 CFM Return Air Fan | 44,055.88 | 3,668.62 |
| 23 73 13 00-0125 | EA | 65,000 CFM Return Air Fan | 46,206.21 | 3,829.49 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 73 13 00-0126 | EA | 70,000 CFM Return Air Fan | 48,532.83 | 4,018.07 |
| 23 73 13 00-0127 | EA | 75,000 CFM Return Air Fan | 52,216.41 | 4,215.17 |
| 23 73 13 00-0128 | EA | 80,000 CFM Return Air Fan | 54,526.91 | 4,438.62 |
| 23 73 13 00-0129 | EA | 90,000 CFM Return Air Fan | 56,285.57 | 4,691.38 |
| 23 73 13 00-0130 | EA | 100,000 CFM Return Air Fan | 60,541.64 | 4,906.12 |
| 23 73 13 00-0131 | EA | 115,000 CFM Return Air Fan | 65,153.47 | 5,140.78 |
| 23 73 13 00-0132 | EA | 130,000 CFM Return Air Fan | 70,158.13 | 5,399.78 |
| 23 73 13 00-0133 | EA | 150,000 CFM Return Air Fan | 76,801.45 | 5,687.43 |

23 73 13 00-0134 Removal And Reinstallation Of Air Handling Unit *(23 73 13)*

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

| | | | | |
|---|---|---|---|---|
| 23 73 13 00-0135 | EA | Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit | 2,456.90 | |
| 23 73 13 00-0136 | EA | Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit | 3,332.83 | |
| 23 73 13 00-0137 | EA | Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit | 4,146.01 | |
| 23 73 13 00-0138 | EA | Removal And Reinstallation Of >22,000 CFM Air Handling Unit | 7,564.65 | |

## 23 74 Packaged Outdoor HVAC Equipment *(23 70)*

### 23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

#### 23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units *(23 74 16)*

23 74 16 13-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

| | | | | |
|---|---|---|---|---|
| 23 74 16 13-0002 | EA | 2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 4,954.29 | 1,832.82 |
| | | *For Unit Without Heat, Deduct* | *-369.90* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0003 | EA | 3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 6,320.12 | 1,916.13 |
| | | *For Unit Without Heat, Deduct* | *-443.75* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0004 | EA | 4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 7,327.59 | 1,999.44 |
| | | *For Unit Without Heat, Deduct* | *-499.68* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0005 | EA | 5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 8,659.64 | 2,124.40 |
| | | *For Unit Without Heat, Deduct* | *-574.61* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0006 | EA | 6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 9,416.66 | 2,249.37 |
| | | *For Unit Without Heat, Deduct* | *-620.79* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0007 | EA | 7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 10,524.44 | 2,415.99 |
| | | *For Unit Without Heat, Deduct* | *-687.29* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-983.00* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0008 | EA | 8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 11,281.46 | 2,540.95 |
| | | *For Unit Without Heat, Deduct* | *-733.47* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-983.00* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0009 | EA | 10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 12,389.24 | 2,707.57 |
| | | *For Unit Without Heat, Deduct* | *-799.97* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-1,005.25* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0010 | EA | 12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 14,914.12 | 2,925.85 |
| | | *For Unit Without Heat, Deduct* | *-940.79* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-1,085.68* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0011 | EA | 15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 17,438.99 | 3,144.96 |
| | | *For Unit Without Heat, Deduct* | *-1,081.61* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0012 | EA | 17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 19,886.86 | 3,363.51 |
| | | *For Unit Without Heat, Deduct* | *-1,218.59* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0013 | EA | 20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 22,334.72 | 3,582.33 |
| | | *For Unit Without Heat, Deduct* | *-1,355.56* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0014 | EA | 22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 25,028.32 | 3,946.68 |
| | | *For Unit Without Heat, Deduct* | *-1,514.54* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0015 | EA | 25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 27,721.91 | 4,311.30 |
| | | *For Unit Without Heat, Deduct* | *-1,673.52* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 74 16 13-0016 | EA | 27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 30,522.39 | 4,717.57 |
| | | *For Unit Without Heat, Deduct* | *-1,840.62* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0017 | EA | 30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 33,322.86 | 5,123.56 |
| | | *For Unit Without Heat, Deduct* | *-2,007.71* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0018 | EA | 35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 38,825.34 | 5,977.49 |
| | | *For Unit Without Heat, Deduct* | *-2,339.77* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0019 | EA | 40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 44,327.80 | 6,831.42 |
| | | *For Unit Without Heat, Deduct* | *-2,671.82* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,849.91* | |
| 23 74 16 13-0020 | EA | 45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 48,779.90 | 7,706.18 |
| | | *For Unit Without Heat, Deduct* | *-2,952.74* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,849.91* | |
| 23 74 16 13-0021 | EA | 50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 53,232.00 | 8,580.94 |
| | | *For Unit Without Heat, Deduct* | *-3,233.66* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,849.91* | |
| 23 74 16 13-0022 | EA | 55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 58,604.03 | 9,414.03 |
| | | *For Unit Without Heat, Deduct* | *-3,557.80* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,292.03* | |
| 23 74 16 13-0023 | EA | 60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 63,976.05 | 10,247.14 |
| | | *For Unit Without Heat, Deduct* | *-3,881.95* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,292.03* | |
| 23 74 16 13-0024 | EA | 65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 69,194.06 | 11,080.23 |
| | | *For Unit Without Heat, Deduct* | *-4,198.39* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,328.74* | |
| 23 74 16 13-0025 | EA | 70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 74,412.05 | 11,913.34 |
| | | *For Unit Without Heat, Deduct* | *-4,514.83* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,328.74* | |
| 23 74 16 13-0026 | EA | 75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit | 79,741.12 | 12,829.75 |
| | | *For Unit Without Heat, Deduct* | *-4,842.37* | |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,590.77* | |

### 23 74 16 13-0027 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.

| | | | | |
|---|---|---|---|---|
| 23 74 16 13-0028 | EA | 2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit | 4,976.67 | 1,666.20 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0029 | EA | 3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit | 5,675.82 | 1,916.13 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0030 | EA | 4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit | 6,979.37 | 2,207.72 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0031 | EA | 5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit | 7,981.78 | 2,374.34 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0032 | EA | 6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit | 8,931.24 | 2,561.79 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-963.10* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0033 | EA | 7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit | 9,743.57 | 2,686.75 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-983.00* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0034 | EA | 8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit | 11,608.68 | 2,228.54 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-983.00* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0035 | EA | 10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit | 14,411.13 | 2,999.16 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-1,005.25* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0036 | EA | 12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit | 15,739.84 | 3,249.09 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-1,085.68* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0037 | EA | 15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit | 18,978.83 | 3,499.02 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0038 | EA | 17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit | 20,065.40 | 3,748.95 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0039 | EA | 20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit | 30,514.93 | 3,998.89 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 74 16 13-0040 | EA | 22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit | 37,204.66 | 4,415.43 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0041 | EA | 25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit | 43,894.41 | 4,776.44 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0042 | EA | 27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit | 45,256.96 | 5,248.54 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0043 | EA | 30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit | 46,619.50 | 5,665.08 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0044 | EA | 35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit | 52,255.54 | 6,623.15 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0045 | EA | 40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit | 57,891.57 | 7,581.21 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,849.91* | |
| 23 74 16 13-0046 | EA | 45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit | 62,451.40 | 8,539.28 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,849.91* | |
| 23 74 16 13-0047 | EA | 50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit | 67,011.23 | 9,497.35 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,849.91* | |
| 23 74 16 13-0048 | EA | 55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit | 73,400.60 | 10,455.41 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,292.03* | |
| 23 74 16 13-0049 | EA | 60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit | 79,789.97 | 11,413.48 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,292.03* | |
| 23 74 16 13-0050 | EA | 65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit | 85,406.09 | 11,892.51 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,328.74* | |
| 23 74 16 13-0051 | EA | 70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit | 90,994.47 | 12,350.72 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,328.74* | |
| 23 74 16 13-0052 | EA | 75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit | 96,610.60 | 12,829.75 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,590.77* | |
| 23 74 16 13-0053 | EA | 80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit | 102,254.52 | 13,329.61 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,590.77* | |
| 23 74 16 13-0054 | EA | 90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit | 138,726.96 | 15,662.29 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,590.77* | |
| 23 74 16 13-0055 | EA | 100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit | 159,962.34 | 19,078.00 |
| | | *For Unit Without Factory Installed Economizer, Deduct* | *-2,052.26* | |
| | | *For Unit Without Roof Curb, Deduct* | *-2,590.77* | |

### 23 74 16 13-0056 AAON Rooftop Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

### 23 74 16 13-0057 AAON RQ Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 74 16 13-0058 | EA | 2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002) | 11,116.64 | 1,666.20 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,126.32* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,221.98* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *962.06* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,101.05* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,613.55* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,310.43* | |
| 23 74 16 13-0059 | EA | 3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003) | 12,153.83 | 1,916.13 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,207.54* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,310.43* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,030.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,180.47* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,613.55* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,310.43* | |
| 23 74 16 13-0060 | EA | 4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004) | 12,703.26 | 2,207.72 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,207.54* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,310.43* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,030.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,180.47* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,613.55* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,310.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 74 16 13-0061 | EA | 5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005) | 13,068.01 | 2,374.34 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,207.54* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,310.43* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,030.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,180.47* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,613.55* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,310.43* | |
| 23 74 16 13-0062 | EA | 6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006) | 14,283.62 | 2,895.09 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,207.54* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,310.43* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,030.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,180.47* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,613.55* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,310.43* | |

### 23 74 16 13-0063 AAON RNA Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 74 16 13-0064 | EA | 6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006) | 17,101.23 | 2,561.84 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,175.06* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,805.00* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,203.94* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,111.88* | |
| | | *For Factory Installed Exhaust Fan, Add* | *2,998.10* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,021.63* | |
| 23 74 16 13-0065 | EA | 7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007) | 18,240.73 | 2,686.80 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,175.06* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,805.00* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,203.94* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,111.88* | |
| | | *For Factory Installed Exhaust Fan, Add* | *2,998.10* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,021.63* | |
| 23 74 16 13-0066 | EA | 8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008) | 20,879.38 | 2,895.09 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,175.06* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,805.00* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,203.94* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,111.88* | |
| | | *For Factory Installed Exhaust Fan, Add* | *2,998.10* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,021.63* | |
| 23 74 16 13-0067 | EA | 10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010) | 21,113.90 | 2,999.16 |
| | | *For Factory Installed And Wired Dry Bulb Economizer, Add* | *1,175.06* | |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,805.00* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,203.94* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,111.88* | |
| | | *For Factory Installed Exhaust Fan, Add* | *2,998.10* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,021.63* | |

### 23 74 16 13-0068 AAON RNB Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 74 16 13-0069 | EA | 9 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-009) | 24,859.27 | 2,999.16 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,731.00* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,353.75* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *2,859.12* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,027.04* | |
| 23 74 16 13-0070 | EA | 11 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-011) | 25,013.52 | 2,915.85 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,731.00* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,353.75* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *2,859.12* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,027.04* | |
| 23 74 16 13-0071 | EA | 13 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-013) | 27,295.33 | 3,249.09 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,731.00* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,353.75* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *2,859.12* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,027.04* | |
| 23 74 16 13-0072 | EA | 15 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-015) | 28,047.34 | 3,499.02 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *1,731.00* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,353.75* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *2,859.12* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *1,027.04* | |

### 23 74 16 13-0073 AAON RNC Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 74 16 13-0074 | EA | 16 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-016) | 35,794.40 | 3,499.02 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *2,555.88* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,805.00* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,243.52* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *467.50* | |
| 23 74 16 13-0075 | EA | 18 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-018) | 38,658.24 | 3,748.95 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *2,555.88* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,805.00* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,243.52* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *467.50* | |
| 23 74 16 13-0076 | EA | 20 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-020) | 40,971.57 | 3,998.89 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *2,555.88* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,805.00* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,243.52* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *467.50* | |
| 23 74 16 13-0077 | EA | 25 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-025) | 44,495.66 | 4,831.98 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *2,555.88* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,805.00* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,243.52* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *467.50* | |
| 23 74 16 13-0078 | EA | 30 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-030) | 50,525.08 | 5,665.08 |
| | | *For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add* | *2,555.88* | |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *1,805.00* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *1,073.98* | |
| | | *For Factory Installed Exhaust Fan, Add* | *5,243.52* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *467.50* | |

### 23 74 16 13-0079 AAON RND Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

| | | | | |
|---|---|---|---|---|
| 23 74 16 13-0080 | EA | 26 Ton, Air Cooled Packaged Rooftop Units (AAON RND-026) | 66,745.89 | 4,831.98 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,256.25* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *2,443.97* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *3,429.50* | |
| 23 74 16 13-0081 | EA | 31 Ton, Air Cooled Packaged Rooftop Units (AAON RND-031) | 76,107.34 | 5,665.08 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,256.25* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *2,443.97* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *3,429.50* | |
| 23 74 16 13-0082 | EA | 40 Ton, Air Cooled Packaged Rooftop Units (AAON RND-040) | 89,977.73 | 7,581.21 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,256.25* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *2,443.97* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *3,429.50* | |
| 23 74 16 13-0083 | EA | 50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050) | 105,727.13 | 9,497.35 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,256.25* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *2,443.97* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *3,429.50* | |
| 23 74 16 13-0084 | EA | 60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060) | 116,467.64 | 11,413.48 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,256.25* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *2,443.97* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *3,429.50* | |
| 23 74 16 13-0085 | EA | 70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070) | 122,675.62 | 12,350.77 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,256.25* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *2,443.97* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *3,429.50* | |

### 23 74 16 13-0086 AAON RNE Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

| | | | | |
|---|---|---|---|---|
| 23 74 16 13-0087 | EA | 55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055) | 112,959.24 | 10,455.41 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,548.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *3,660.54* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *4,873.50* | |
| 23 74 16 13-0088 | EA | 65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065) | 124,559.19 | 11,892.56 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,548.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *3,660.54* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *4,873.50* | |
| 23 74 16 13-0089 | EA | 75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075) | 132,503.58 | 12,829.75 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,548.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *3,660.54* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *4,873.50* | |
| 23 74 16 13-0090 | EA | 95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090) | 161,000.82 | 17,370.15 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,548.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *3,660.54* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *4,873.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 74 16 13-0091 | EA | 105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105) | 174,741.29 | 19,827.80 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,548.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *3,660.54* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *4,873.50* | |
| 23 74 16 13-0092 | EA | 120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120) | 203,316.14 | 21,827.23 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,548.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *3,660.54* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *4,873.50* | |
| 23 74 16 13-0093 | EA | 130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130) | 208,571.66 | 23,160.19 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,548.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *3,660.54* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *4,873.50* | |
| 23 74 16 13-0094 | EA | 140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140) | 219,166.70 | 25,909.44 |
| | | *For Factory Authorized Start Up, 4 Hour, One Trip, Add* | *2,548.66* | |
| | | *For Factory Installed Non-Fused Disconnect, Add* | *3,660.54* | |
| | | *For Hot Water Coil In Lieu Of Gas Heat, Add* | *4,873.50* | |

### 23 74 16 13-0095 Heat Pump, Packaged Rooftop Heat Pump Units *(23 74 16 13)*

See CSI section 01 22 23 00-0784 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

### 23 74 16 13-0096 Packaged Rooftop Heat Pump Units *(23 74 16 13-0095)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

| | | | | |
|---|---|---|---|---|
| 23 74 16 13-0097 | EA | 2 Ton Packaged Rooftop Heat Pump | 6,302.71 | 1,499.58 |
| | | *For Economizer With Outside Air Control, Add* | *1,903.41* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *215.16* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0098 | EA | 2.5 Ton Packaged Rooftop Heat Pump | 6,641.82 | 1,612.10 |
| | | *For Economizer With Outside Air Control, Add* | *2,018.11* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *224.62* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0099 | EA | 3 Ton Packaged Rooftop Heat Pump | 7,028.23 | 1,724.52 |
| | | *For Economizer With Outside Air Control, Add* | *2,142.74* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *236.44* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0100 | EA | 3.5 Ton Packaged Rooftop Heat Pump | 7,542.88 | 1,855.71 |
| | | *For Economizer With Outside Air Control, Add* | *2,098.81* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *253.43* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0101 | EA | 4 Ton Packaged Rooftop Heat Pump | 8,057.74 | 1,987.00 |
| | | *For Economizer With Outside Air Control, Add* | *2,244.07* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *270.42* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0102 | EA | 5 Ton Packaged Rooftop Heat Pump | 8,637.55 | 2,136.96 |
| | | *For Economizer With Outside Air Control, Add* | *2,408.62* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *231.53* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0103 | EA | 6 Ton Packaged Rooftop Heat Pump | 9,701.08 | 2,305.57 |
| | | *For Economizer With Outside Air Control, Add* | *2,663.65* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *198.81* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0104 | EA | 7.5 Ton Packaged Rooftop Heat Pump | 12,382.29 | 2,418.10 |
| | | *For Economizer With Outside Air Control, Add* | *2,711.03* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *274.75* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0105 | EA | 8.5 Ton Packaged Rooftop Heat Pump | 13,833.08 | 2,605.50 |
| | | *For Economizer With Outside Air Control, Add* | *2,876.51* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *310.77* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0106 | EA | 10 Ton Packaged Rooftop Heat Pump | 14,855.90 | 2,699.24 |
| | | *For Economizer With Outside Air Control, Add* | *2,925.19* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *225.14* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0107 | EA | 12.5 Ton Packaged Rooftop Heat Pump | 17,198.85 | 2,924.19 |
| | | *For Economizer With Outside Air Control, Add* | *3,279.45* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *266.00* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0108 | EA | 15 Ton Packaged Rooftop Heat Pump | 19,541.81 | 3,149.12 |
| | | *For Economizer With Outside Air Control, Add* | *3,633.71* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *306.86* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0109 | EA | 17.5 Ton Packaged Rooftop Heat Pump | 21,860.53 | 3,374.06 |
| | | *For Economizer With Outside Air Control, Add* | *3,985.55* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *347.24* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0110 | EA | 20 Ton Packaged Rooftop Heat Pump | 24,179.26 | 3,599.00 |
| | | *For Economizer With Outside Air Control, Add* | *4,337.39* | |
| | | *For Upgrade Of Economizer To OS Air Enthalpy Control, Add* | *387.61* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |

### 23 74 16 13-0111 Heating Only Packaged Rooftop Units *(23 74 16 13-0095)*

Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 74 16 13-0112 | EA | 24 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 6,182.52 | 1,499.58 |
| | | *For Gas Heat, Add* | *392.79* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0113 | EA | 32 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 7,255.68 | 1,724.52 |
| | | *For Gas Heat, Add* | *461.91* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0114 | EA | 45 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 9,849.23 | 1,987.00 |
| | | *For Gas Heat, Add* | *636.46* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0115 | EA | 60 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 11,088.61 | 2,136.96 |
| | | *For Gas Heat, Add* | *719.22* | |
| | | *For Unit Without Roof Curb, Deduct* | *-670.02* | |
| 23 74 16 13-0116 | EA | 95 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 13,009.97 | 2,418.10 |
| | | *For Gas Heat, Add* | *846.22* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0117 | EA | 112 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 14,628.91 | 2,605.50 |
| | | *For Gas Heat, Add* | *954.54* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0118 | EA | 140 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 17,228.24 | 2,699.24 |
| | | *For Gas Heat, Add* | *1,134.00* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0119 | EA | 170 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 22,300.16 | 3,149.12 |
| | | *For Gas Heat, Add* | *1,477.03* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0120 | EA | 200 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 29,280.32 | 3,374.06 |
| | | *For Gas Heat, Add* | *1,959.65* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0121 | EA | 230 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 34,105.57 | 3,599.00 |
| | | *For Gas Heat, Add* | *2,291.42* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0122 | EA | 270 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 44,193.56 | 3,973.89 |
| | | *For Gas Heat, Add* | *2,987.58* | |
| | | *For Unit Without Roof Curb, Deduct* | *-804.02* | |
| 23 74 16 13-0123 | EA | 330 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 55,214.92 | 5,056.92 |
| | | *For Gas Heat, Add* | *3,739.08* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0124 | EA | 360 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 67,782.34 | 5,098.57 |
| | | *For Gas Heat, Add* | *4,608.80* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0125 | EA | 450 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 82,508.01 | 5,960.90 |
| | | *For Gas Heat, Add* | *5,616.61* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,231.65* | |
| 23 74 16 13-0126 | EA | 540 MBH Electric Heating Only, Self Contained Package Rooftop Unit | 107,003.05 | 7,685.41 |
| | | *For Gas Heat, Add* | *7,285.27* | |
| | | *For Unit Without Roof Curb, Deduct* | *-1,849.91* | |

## 23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units *(23 74)*

### 23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units *(23 74 23)*

#### 23 74 23 13-0001 Make-Up Air Units *(23 74 23 13)*

Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0784 for crane lifting equipment.

#### 23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0785 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 74 23 13-0003 | EA | 100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark | 6,996.30 | 499.86 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *1,848.96* | |
| | | *For Equipment Base Roof Curb, Add* | *849.54* | |
| 23 74 23 13-0004 | EA | 300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark | 9,033.51 | 566.51 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *2,424.02* | |
| | | *For Equipment Base Roof Curb, Add* | *1,100.59* | |
| 23 74 23 13-0005 | EA | 500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark | 12,553.49 | 666.48 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *3,432.81* | |
| | | *For Equipment Base Roof Curb, Add* | *1,535.86* | |
| 23 74 23 13-0006 | EA | 670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark | 12,662.66 | 710.91 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *3,440.57* | |
| | | *For Equipment Base Roof Curb, Add* | *1,547.01* | |
| 23 74 23 13-0007 | EA | 800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark | 17,282.10 | 799.77 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *4,784.74* | |
| | | *For Equipment Base Roof Curb, Add* | *2,120.27* | |
| 23 74 23 13-0008 | EA | 1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark | 26,177.50 | 999.72 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *7,353.39* | |
| | | *For Equipment Base Roof Curb, Add* | *3,222.20* | |

#### 23 74 23 13-0009 Electric Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0785 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 74 23 13-0010 | EA | 33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric | 14,380.14 | 499.86 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *4,064.11* | |
| | | *For Equipment Base Roof Curb, Add* | *1,772.52* | |
| 23 74 23 13-0011 | EA | 100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric | 20,557.24 | 566.51 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *5,881.14* | |
| | | *For Equipment Base Roof Curb, Add* | *2,541.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 74 23 13-0012 | EA | 150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric | 25,468.16 | 666.48 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *7,307.21* | |
| | | *For Equipment Base Roof Curb, Add* | *3,150.20* | |
| 23 74 23 13-0013 | EA | 250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric | 32,945.65 | 799.77 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *9,483.81* | |
| | | *For Equipment Base Roof Curb, Add* | *4,078.22* | |
| 23 74 23 13-0014 | EA | 400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric | 53,260.08 | 999.72 |
| | | *For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add* | *15,478.16* | |
| | | *For Equipment Base Roof Curb, Add* | *6,607.52* | |

## 23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

## 23 81 Decentralized Unitary HVAC Equipment *(23 80)*

### 23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

#### 23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001 Packaged Terminal Air-Conditioners *(23 81 13 11)*

23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

| | | | | |
|---|---|---|---|---|
| 23 81 13 11-0003 | EA | 7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner | 1,784.56 | 192.01 |
| | | *For >35 To 70, Deduct* | *-42.02* | |
| | | *For >70 To 100, Deduct* | *-70.03* | |
| | | *For >100, Deduct* | *-98.04* | |
| 23 81 13 11-0004 | EA | 9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner | 1,918.73 | 247.43 |
| | | *For >35 To 70, Deduct* | *-42.73* | |
| | | *For >70 To 100, Deduct* | *-71.22* | |
| | | *For >100, Deduct* | *-99.71* | |
| 23 81 13 11-0005 | EA | 11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner | 2,031.35 | 263.68 |
| | | *For >35 To 70, Deduct* | *-45.10* | |
| | | *For >70 To 100, Deduct* | *-75.17* | |
| | | *For >100, Deduct* | *-105.23* | |
| 23 81 13 11-0006 | EA | 14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner | 2,194.81 | 283.44 |
| | | *For >35 To 70, Deduct* | *-48.85* | |
| | | *For >70 To 100, Deduct* | *-81.41* | |
| | | *For >100, Deduct* | *-113.97* | |

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

| | | | | |
|---|---|---|---|---|
| 23 81 13 11-0008 | EA | 7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner | 1,936.02 | 219.55 |
| | | *For >35 To 70, Deduct* | *-44.93* | |
| | | *For >70 To 100, Deduct* | *-74.88* | |
| | | *For >100, Deduct* | *-104.84* | |
| 23 81 13 11-0009 | EA | 9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner | 2,045.38 | 247.43 |
| | | *For >35 To 70, Deduct* | *-46.53* | |
| | | *For >70 To 100, Deduct* | *-77.55* | |
| | | *For >100, Deduct* | *-108.57* | |
| 23 81 13 11-0010 | EA | 11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner | 2,123.13 | 263.68 |
| | | *For >35 To 70, Deduct* | *-47.85* | |
| | | *For >70 To 100, Deduct* | *-79.76* | |
| | | *For >100, Deduct* | *-111.66* | |
| 23 81 13 11-0011 | EA | 14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner | 2,315.96 | 283.44 |
| | | *For >35 To 70, Deduct* | *-52.48* | |
| | | *For >70 To 100, Deduct* | *-87.47* | |
| | | *For >100, Deduct* | *-122.45* | |

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)*

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

| | | | |
|---|---|---|---|
| 23 81 13 11-0013 | EA | Up To 10,000 BTU Unit, Thru Wall A/C Sleeve | 93.14 |
| 23 81 13 11-0014 | EA | >10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve | 105.25 |
| 23 81 13 11-0015 | EA | >20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve | 117.36 |

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)*

Note: Includes storage and cleaning.

| | | | |
|---|---|---|---|
| 23 81 13 11-0017 | EA | Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units | 204.81 |

#### 23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units *(23 81 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 13 13-0001 | | **Single Package Vertical Wall Cooling Unit** *(23 81 13 13)*<br>Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0785 for crane lifting equipment. | | |
| 23 81 13 13-0002 | EA | 1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 4,397.46 | 232.98 |
| 23 81 13 13-0003 | EA | 1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 6,619.64 | 244.07 |
| 23 81 13 13-0004 | EA | 1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 8,652.70 | 255.18 |
| 23 81 13 13-0005 | EA | 2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 9,949.74 | 277.36 |
| 23 81 13 13-0006 | EA | 2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 12,477.91 | 321.73 |
| 23 81 13 13-0007 | EA | 3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 13,391.42 | 399.40 |
| 23 81 13 13-0008 | EA | 3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 14,826.35 | 443.77 |
| 23 81 13 13-0009 | EA | 4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 16,327.22 | 499.25 |
| 23 81 13 13-0010 | EA | 5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 18,372.96 | 599.09 |
| 23 81 13 13-0011 | EA | 7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 23,749.12 | 743.32 |
| 23 81 13 13-0012 | EA | 10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 28,336.03 | 998.50 |
| 23 81 13 13-0013 | EA | 15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 39,718.79 | 1,220.38 |
| 23 81 13 13-0014 | EA | 20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 45,761.22 | 1,453.36 |
| 23 81 13 13-0015 | EA | 25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat | 54,687.15 | 1,630.88 |

## 23 81 16 Room Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners *(23 81 16)*

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0003 Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 23 81 16 00-0004 | EA | 5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1) | 509.43 | 107.52 |
| | | *For >10 To 50, Deduct* | *-14.72* | |
| | | *For >50 To 75, Deduct* | *-20.61* | |
| | | *For >75 To 100, Deduct* | *-29.44* | |
| | | *For >100, Deduct* | *-35.33* | |
| 23 81 16 00-0005 | EA | 6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1) | 539.02 | 107.52 |
| | | *For >10 To 50, Deduct* | *-16.20* | |
| | | *For >50 To 75, Deduct* | *-22.68* | |
| | | *For >75 To 100, Deduct* | *-32.40* | |
| | | *For >100, Deduct* | *-38.88* | |
| 23 81 16 00-0006 | EA | 8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1) | 612.98 | 107.52 |
| | | *For >10 To 50, Deduct* | *-19.90* | |
| | | *For >50 To 75, Deduct* | *-27.86* | |
| | | *For >75 To 100, Deduct* | *-39.79* | |
| | | *For >100, Deduct* | *-47.75* | |
| 23 81 16 00-0007 | EA | 10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1) | 654.97 | 107.52 |
| | | *For >10 To 50, Deduct* | *-22.00* | |
| | | *For >50 To 75, Deduct* | *-30.79* | |
| | | *For >75 To 100, Deduct* | *-43.99* | |
| | | *For >100, Deduct* | *-52.79* | |
| 23 81 16 00-0008 | EA | 12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1) | 849.67 | 107.52 |
| | | *For >10 To 50, Deduct* | *-31.73* | |
| | | *For >50 To 75, Deduct* | *-44.42* | |
| | | *For >75 To 100, Deduct* | *-63.46* | |
| | | *For >100, Deduct* | *-76.15* | |
| 23 81 16 00-0009 | EA | 15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1) | 997.60 | 107.52 |
| | | *For >10 To 50, Deduct* | *-39.13* | |
| | | *For >50 To 75, Deduct* | *-54.78* | |
| | | *For >75 To 100, Deduct* | *-78.26* | |
| | | *For >100, Deduct* | *-93.91* | |
| 23 81 16 00-0010 | EA | 8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1) | 938.43 | 107.52 |
| | | *For >10 To 50, Deduct* | *-36.17* | |
| | | *For >50 To 75, Deduct* | *-50.64* | |
| | | *For >75 To 100, Deduct* | *-72.34* | |
| | | *For >100, Deduct* | *-86.81* | |
| 23 81 16 00-0011 | EA | 10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1) | 1,012.39 | 107.52 |
| | | *For >10 To 50, Deduct* | *-39.87* | |
| | | *For >50 To 75, Deduct* | *-55.81* | |
| | | *For >75 To 100, Deduct* | *-79.73* | |
| | | *For >100, Deduct* | *-95.68* | |
| 23 81 16 00-0012 | EA | 12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1) | 1,071.56 | 107.52 |
| | | *For >10 To 50, Deduct* | *-42.83* | |
| | | *For >50 To 75, Deduct* | *-59.96* | |
| | | *For >75 To 100, Deduct* | *-85.65* | |
| | | *For >100, Deduct* | *-102.78* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 16 00-0013 | EA | 18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2) | 1,130.74 | 107.52 |
| | | *For >10 To 50, Deduct* | *-45.78* | |
| | | *For >50 To 75, Deduct* | *-64.10* | |
| | | *For >75 To 100, Deduct* | *-91.57* | |
| | | *For >100, Deduct* | *-109.88* | |
| 23 81 16 00-0014 | EA | 22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2) | 1,249.08 | 107.52 |
| | | *For >10 To 50, Deduct* | *-51.70* | |
| | | *For >50 To 75, Deduct* | *-72.38* | |
| | | *For >75 To 100, Deduct* | *-103.40* | |
| | | *For >100, Deduct* | *-124.08* | |
| 23 81 16 00-0015 | EA | 25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2) | 1,263.87 | 107.52 |
| | | *For >10 To 50, Deduct* | *-52.44* | |
| | | *For >50 To 75, Deduct* | *-73.42* | |
| | | *For >75 To 100, Deduct* | *-104.88* | |
| | | *For >100, Deduct* | *-125.86* | |
| 23 81 16 00-0016 | EA | 28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2) | 1,676.58 | 107.52 |
| | | *For >10 To 50, Deduct* | *-73.08* | |
| | | *For >50 To 75, Deduct* | *-102.31* | |
| | | *For >75 To 100, Deduct* | *-146.15* | |
| | | *For >100, Deduct* | *-175.38* | |
| 23 81 16 00-0017 | | Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)* | | |
| 23 81 16 00-0018 | EA | 8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C) | 1,778.46 | 107.52 |
| 23 81 16 00-0019 | EA | 10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C) | 1,952.35 | 107.52 |
| 23 81 16 00-0020 | EA | 11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C) | 2,031.39 | 107.52 |
| 23 81 16 00-0021 | EA | 12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C) | 2,063.01 | 107.52 |
| 23 81 16 00-0022 | EA | 20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C) | 2,347.55 | 107.52 |
| 23 81 16 00-0023 | EA | 24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C) | 3,058.91 | 107.52 |
| 23 81 16 00-0024 | EA | 28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C) | 3,296.03 | 107.52 |
| 23 81 16 00-0025 | EA | 36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B) | 3,612.19 | 107.52 |
| 23 81 16 00-0026 | | Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)* | | |
| 23 81 16 00-0027 | | Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)* | | |
| 23 81 16 00-0028 | EA | 8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1) | 1,071.56 | 107.52 |
| | | *For >10 To 50, Deduct* | *-42.83* | |
| | | *For >50 To 75, Deduct* | *-59.96* | |
| | | *For >75 To 100, Deduct* | *-85.65* | |
| | | *For >100, Deduct* | *-102.78* | |
| 23 81 16 00-0029 | EA | 12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2) | 1,234.29 | 107.52 |
| | | *For >10 To 50, Deduct* | *-50.96* | |
| | | *For >50 To 75, Deduct* | *-71.35* | |
| | | *For >75 To 100, Deduct* | *-101.92* | |
| | | *For >100, Deduct* | *-122.31* | |
| 23 81 16 00-0030 | EA | 18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2) | 1,323.05 | 107.52 |
| | | *For >10 To 50, Deduct* | *-55.40* | |
| | | *For >50 To 75, Deduct* | *-77.56* | |
| | | *For >75 To 100, Deduct* | *-110.80* | |
| | | *For >100, Deduct* | *-132.96* | |
| 23 81 16 00-0031 | EA | 25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2) | 1,648.49 | 107.52 |
| | | *For >10 To 50, Deduct* | *-71.67* | |
| | | *For >50 To 75, Deduct* | *-100.34* | |
| | | *For >75 To 100, Deduct* | *-143.34* | |
| | | *For >100, Deduct* | *-172.01* | |
| 23 81 16 00-0032 | | Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)* | | |
| 23 81 16 00-0033 | EA | 12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B) | 2,142.05 | 107.52 |
| 23 81 16 00-0034 | | Accessories *(23 81 16 00-0001)* | | |
| 23 81 16 00-0035 | SET | Aluminum Air Conditioner Unit Frame And Bracket Assembly | 542.83 | 63.89 |
| 23 81 16 00-0036 | | Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)* | | |
| | | Note: Includes storage and cleaning. | | |
| 23 81 16 00-0037 | EA | Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash | 128.00 | |
| 23 81 16 00-0038 | EA | Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash | 279.44 | |
| 23 81 16 00-0039 | | Through-The-Wall, Room Air-Conditioners *(23 81 16)* | | |
| | | Note: Base unit excludes wall sleeve. | | |
| 23 81 16 00-0040 | | Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 16 00-0041 | | Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)* | | |
| 23 81 16 00-0042 | EA | 8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A) | 1,337.63 | 76.80 |
| | | *For >10 To 50, Deduct* | *-59.20* | |
| | | *For >50 To 75, Deduct* | *-82.88* | |
| | | *For >75 To 100, Deduct* | *-118.40* | |
| | | *For >100, Deduct* | *-142.08* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |
| 23 81 16 00-0043 | EA | 9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B) | 1,448.29 | 76.80 |
| | | *For >10 To 50, Deduct* | *-64.73* | |
| | | *For >50 To 75, Deduct* | *-90.63* | |
| | | *For >75 To 100, Deduct* | *-129.47* | |
| | | *For >100, Deduct* | *-155.36* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |
| 23 81 16 00-0044 | EA | 12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A) | 1,653.79 | 76.80 |
| | | *For >10 To 50, Deduct* | *-75.01* | |
| | | *For >50 To 75, Deduct* | *-105.01* | |
| | | *For >75 To 100, Deduct* | *-150.02* | |
| | | *For >100, Deduct* | *-180.02* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |
| 23 81 16 00-0045 | EA | 10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A) | 1,448.29 | 76.80 |
| | | *For >10 To 50, Deduct* | *-64.73* | |
| | | *For >50 To 75, Deduct* | *-90.63* | |
| | | *For >75 To 100, Deduct* | *-129.47* | |
| | | *For >100, Deduct* | *-155.36* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |
| 23 81 16 00-0046 | EA | 12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A) | 1,653.79 | 76.80 |
| | | *For >10 To 50, Deduct* | *-75.01* | |
| | | *For >50 To 75, Deduct* | *-105.01* | |
| | | *For >75 To 100, Deduct* | *-150.02* | |
| | | *For >100, Deduct* | *-180.02* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |
| 23 81 16 00-0047 | | Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)* | | |
| 23 81 16 00-0048 | | Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)* | | |
| 23 81 16 00-0049 | EA | 10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33) | 1,701.21 | 76.80 |
| | | *For >10 To 50, Deduct* | *-77.38* | |
| | | *For >50 To 75, Deduct* | *-108.33* | |
| | | *For >75 To 100, Deduct* | *-154.76* | |
| | | *For >100, Deduct* | *-185.71* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |
| 23 81 16 00-0050 | EA | 12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33) | 1,827.68 | 76.80 |
| | | *For >10 To 50, Deduct* | *-83.70* | |
| | | *For >50 To 75, Deduct* | *-117.18* | |
| | | *For >75 To 100, Deduct* | *-167.41* | |
| | | *For >100, Deduct* | *-200.89* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |

## 23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

### 23 81 23 12 Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units *(23 81 23)*

| | | | | |
|---|---|---|---|---|
| 23 81 23 12-0001 | | Floor Mounted Air Cooled Direct Expansion Type *(23 81 23 12)*<br>Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe. | | |
| 23 81 23 12-0002 | EA | 3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 36,055.77 | 2,185.70 |
| | | *For Liebert Unit, Add* | *4,096.70* | |
| 23 81 23 12-0003 | EA | 5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 39,797.33 | 2,390.60 |
| | | *For Liebert Unit, Add* | *4,523.95* | |
| 23 81 23 12-0004 | EA | 6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 55,214.22 | 2,732.12 |
| | | *For Liebert Unit, Add* | *6,393.83* | |
| 23 81 23 12-0005 | EA | 8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 60,454.61 | 2,902.88 |
| | | *For Liebert Unit, Add* | *7,017.13* | |
| 23 81 23 12-0006 | EA | 10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 65,694.99 | 3,073.64 |
| | | *For Liebert Unit, Add* | *7,640.43* | |
| 23 81 23 12-0007 | EA | 16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 73,544.83 | 3,688.36 |
| | | *For Liebert Unit, Add* | *8,497.43* | |
| 23 81 23 12-0008 | EA | 20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 83,123.00 | 4,098.18 |
| | | *For Liebert Unit, Add* | *9,628.45* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 23 12-0009 | EA | 22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 86,974.20 | 4,233.35 |
| | | *For Liebert Unit, Add* | *10,080.71* | |
| 23 81 23 12-0010 | EA | 24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 94,737.78 | 4,371.39 |
| | | *For Liebert Unit, Add* | *11,021.68* | |
| 23 81 23 12-0011 | EA | 30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type<br>Note: Includes interior unit and remote condenser. Excludes piping. | 102,438.33 | 4,917.81 |
| | | *For Liebert Unit, Add* | *11,890.48* | |

### 23 81 23 12-0012 Floor Mounted Chilled Water Type *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

| | | | | |
|---|---|---|---|---|
| 23 81 23 12-0013 | EA | 3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source | 21,550.39 | 1,497.65 |
| | | *For Liebert Unit, Add* | *2,444.19* | |
| 23 81 23 12-0014 | EA | 5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source | 23,157.86 | 1,658.93 |
| | | *For Liebert Unit, Add* | *2,618.25* | |
| 23 81 23 12-0015 | EA | 12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source | 28,636.17 | 2,526.80 |
| | | *For Liebert Unit, Add* | *3,158.39* | |
| 23 81 23 12-0016 | EA | 16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source | 29,940.35 | 2,560.09 |
| | | *For Liebert Unit, Add* | *3,315.91* | |
| 23 81 23 12-0017 | EA | 20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source | 31,091.02 | 2,662.49 |
| | | *For Liebert Unit, Add* | *3,440.92* | |
| 23 81 23 12-0018 | EA | 22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source | 31,818.77 | 2,918.49 |
| | | *For Liebert Unit, Add* | *3,490.93* | |
| 23 81 23 12-0019 | EA | 31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source | 33,751.76 | 3,174.50 |
| | | *For Liebert Unit, Add* | *3,690.95* | |

### 23 81 23 12-0020 Floor Mounted Water Source *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.

| | | | | |
|---|---|---|---|---|
| 23 81 23 12-0021 | EA | 3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 16,683.49 | 1,366.06 |
| | | *For Liebert Unit, Add* | *1,830.25* | |
| 23 81 23 12-0022 | EA | 5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 18,362.91 | 1,434.36 |
| | | *For Liebert Unit, Add* | *2,027.35* | |
| 23 81 23 12-0023 | EA | 6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 23,814.43 | 1,502.67 |
| | | *For Liebert Unit, Add* | *2,696.09* | |
| 23 81 23 12-0024 | EA | 8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 25,663.49 | 1,639.27 |
| | | *For Liebert Unit, Add* | *2,900.24* | |
| 23 81 23 12-0025 | EA | 10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 28,346.50 | 1,775.88 |
| | | *For Liebert Unit, Add* | *3,209.97* | |
| 23 81 23 12-0026 | EA | 12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 29,457.30 | 1,912.48 |
| | | *For Liebert Unit, Add* | *3,322.60* | |
| 23 81 23 12-0027 | EA | 15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 30,754.81 | 2,049.08 |
| | | *For Liebert Unit, Add* | *3,463.39* | |
| 23 81 23 12-0028 | EA | 20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 31,623.50 | 2,185.70 |
| | | *For Liebert Unit, Add* | *3,547.86* | |
| 23 81 23 12-0029 | EA | 25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit | 36,166.32 | 2,595.51 |
| | | *For Liebert Unit, Add* | *4,035.93* | |

### 23 81 23 12-0030 Floor Mounted Glycol System Type *(23 81 23 12)*

Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

| | | | | |
|---|---|---|---|---|
| 23 81 23 12-0031 | EA | 3 Ton Computer Room Air Conditioner, Glycol System Type | 43,920.10 | 1,497.65 |
| | | *For Liebert Unit, Add* | *5,240.41* | |
| 23 81 23 12-0032 | EA | 5 Ton Computer Room Air Conditioner, Glycol System Type | 47,254.59 | 1,658.93 |
| | | *For Liebert Unit, Add* | *5,630.34* | |
| 23 81 23 12-0033 | EA | 6 Ton Computer Room Air Conditioner, Glycol System Type | 73,233.76 | 1,858.62 |
| | | *For Liebert Unit, Add* | *8,844.45* | |
| 23 81 23 12-0034 | EA | 9 Ton Computer Room Air Conditioner, Glycol System Type | 75,501.49 | 2,058.31 |
| | | *For Liebert Unit, Add* | *9,094.64* | |
| 23 81 23 12-0035 | EA | 10 Ton Computer Room Air Conditioner, Glycol System Type | 80,780.51 | 2,257.99 |
| | | *For Liebert Unit, Add* | *9,721.23* | |
| 23 81 23 12-0036 | EA | 16 Ton Computer Room Air Conditioner, Glycol System Type | 96,743.52 | 2,560.09 |
| | | *For Liebert Unit, Add* | *11,664.13* | |
| 23 81 23 12-0037 | EA | 20 Ton Computer Room Air Conditioner, Glycol System Type | 106,144.83 | 2,662.49 |
| | | *For Liebert Unit, Add* | *12,822.65* | |
| 23 81 23 12-0038 | EA | 22 Ton Computer Room Air Conditioner, Glycol System Type | 110,006.73 | 2,918.49 |
| | | *For Liebert Unit, Add* | *13,264.42* | |
| 23 81 23 12-0039 | EA | 30 Ton Computer Room Air Conditioner, Glycol System Type | 134,177.16 | 3,174.50 |
| | | *For Liebert Unit, Add* | *16,244.13* | |

### 23 81 23 12-0040 Removal And Reinstallation Of Computer Room Unit *(23 81 23 12)*

Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.

| | | | | |
|---|---|---|---|---|
| 23 81 23 12-0041 | EA | Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit | 2,048.07 | |
| 23 81 23 12-0042 | EA | Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit | 1,706.72 | |

## 23 81 23 13 Computer-Room Air-Conditioners, Ceiling Mounted Units *(23 81 23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 23 13-0001 | | Ceiling Mounted Packaged Computer Room Air Conditioner *(23 81 23 13)*<br>Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. | | |
| 23 81 23 13-0002 | EA | 1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System | 14,326.94 | 649.24 |
| | | *For Liebert Unit, Add* | *1,669.19* | |
| 23 81 23 13-0003 | EA | 1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System | 15,834.57 | 779.70 |
| | | *For Liebert Unit, Add* | *1,833.20* | |
| 23 81 23 13-0004 | EA | 2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System | 18,076.40 | 975.80 |
| | | *For Liebert Unit, Add* | *2,076.69* | |
| 23 81 23 13-0005 | EA | 3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System | 22,216.10 | 1,138.42 |
| | | *For Liebert Unit, Add* | *2,563.67* | |
| 23 81 23 13-0006 | EA | 5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System | 30,156.26 | 1,237.34 |
| | | *For Liebert Unit, Add* | *3,537.64* | |

## 23 81 26 Split-System Air-Conditioners *(23 81)*

### 23 81 26 13 Small-Capacity Split-System Air-Conditioners *(23 81 26)*

| | | | | |
|---|---|---|---|---|
| 23 81 26 13-0001 | | Split System A/C Unit *(23 81 26 13)*<br>See CSI section 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces. | | |
| 23 81 26 13-0002 | | Ductless Split System Air Conditioners *(23 81 26 13-0001)*<br>Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. | | |
| 23 81 26 13-0003 | | Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)* | | |
| 23 81 26 13-0004 | EA | 9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 2,124.01 | 337.93 |
| 23 81 26 13-0005 | EA | 11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 2,298.66 | 368.65 |
| 23 81 26 13-0006 | EA | 17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 2,877.76 | 409.62 |
| 23 81 26 13-0007 | EA | 24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 3,196.51 | 450.58 |
| 23 81 26 13-0008 | EA | 25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 4,944.16 | 491.54 |
| 23 81 26 13-0009 | EA | 29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 5,762.32 | 512.02 |
| 23 81 26 13-0010 | EA | 31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 6,323.90 | 545.80 |
| 23 81 26 13-0011 | | Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*<br>Note: Use this section only when matching indoor and outdoor capacity units are not used. | | |
| 23 81 26 13-0012 | EA | 7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit and wireless thermostat. | 913.64 | 163.85 |
| 23 81 26 13-0013 | EA | 9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit and wireless thermostat. | 965.28 | 174.09 |
| 23 81 26 13-0014 | EA | 11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit and wireless thermostat. | 1,017.81 | 184.33 |
| 23 81 26 13-0015 | EA | 17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit and wireless thermostat. | 1,152.05 | 194.57 |
| 23 81 26 13-0016 | EA | 24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes indoor unit and wireless thermostat. | 1,232.41 | 204.81 |
| 23 81 26 13-0017 | EA | 19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes outdoor unit and refrigerant charge. | 2,548.54 | 245.77 |
| 23 81 26 13-0018 | EA | 25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes outdoor unit and refrigerant charge. | 2,819.69 | 266.25 |
| 23 81 26 13-0019 | EA | 30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners<br>Note: Includes outdoor unit and refrigerant charge. | 4,473.34 | 286.73 |
| 23 81 26 13-0020 | | Suspended Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*<br>Note: Excludes hangers. | | |
| 23 81 26 13-0021 | EA | 24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 5,297.27 | 491.54 |
| 23 81 26 13-0022 | EA | 31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 6,455.53 | 586.77 |
| 23 81 26 13-0023 | EA | 39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 7,889.21 | 614.42 |
| 23 81 26 13-0024 | | Recessed Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*<br>Note: Excludes hangers. | | |
| 23 81 26 13-0025 | EA | 11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 3,241.34 | 409.62 |
| 23 81 26 13-0026 | EA | 17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 3,780.94 | 450.58 |
| 23 81 26 13-0027 | EA | 24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 5,265.01 | 532.50 |
| 23 81 26 13-0028 | EA | 32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 6,096.44 | 586.77 |
| 23 81 26 13-0029 | EA | 39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners<br>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge. | 7,709.66 | 614.42 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 26 13-0030 | | Ductless Split System Accessories *(23 81 26 13-0002)* | | |
| 23 81 26 13-0031 | LF | 3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 12.31 | 1.47 |
| 23 81 26 13-0032 | LF | 4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 15.89 | 1.61 |
| 23 81 26 13-0033 | LF | 6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 19.84 | 1.77 |
| 23 81 26 13-0034 | EA | 3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 20.59 | 2.75 |
| 23 81 26 13-0035 | EA | 4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 35.74 | 3.03 |
| 23 81 26 13-0036 | EA | 6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 40.73 | 3.33 |
| 23 81 26 13-0037 | EA | 3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 51.41 | 5.50 |
| 23 81 26 13-0038 | EA | 4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 85.78 | 6.05 |
| 23 81 26 13-0039 | EA | 6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 95.79 | 6.66 |
| 23 81 26 13-0040 | EA | 3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 68.88 | 5.87 |
| 23 81 26 13-0041 | EA | 4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 80.88 | 6.46 |
| 23 81 26 13-0042 | EA | 6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 125.76 | 7.10 |
| 23 81 26 13-0043 | EA | 3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 51.41 | 5.50 |
| 23 81 26 13-0044 | EA | 4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 85.78 | 6.05 |
| 23 81 26 13-0045 | EA | 6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 95.79 | 6.66 |
| 23 81 26 13-0046 | EA | 3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 66.62 | 9.18 |
| 23 81 26 13-0047 | EA | 4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 98.02 | 10.09 |
| 23 81 26 13-0048 | EA | 6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 117.43 | 11.10 |
| 23 81 26 13-0049 | EA | 2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 38.25 | 1.83 |
| 23 81 26 13-0050 | EA | 3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 41.19 | 5.50 |
| 23 81 26 13-0051 | EA | 4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 67.38 | 6.05 |
| 23 81 26 13-0052 | EA | 3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 37.10 | 5.50 |
| 23 81 26 13-0053 | EA | 4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 51.03 | 6.05 |
| 23 81 26 13-0054 | EA | 6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 54.90 | 6.66 |
| 23 81 26 13-0055 | EA | 4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 183.72 | 7.34 |
| 23 81 26 13-0056 | EA | 6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers | 208.42 | 8.07 |
| 23 81 26 13-0057 | EA | 14" Condensing Unit Mounting Blocks With End Caps | 111.98 | 27.52 |
| 23 81 26 13-0058 | EA | 17" Condensing Unit Mounting Blocks With End Caps | 123.67 | 29.35 |
| 23 81 26 13-0059 | EA | 36" Condensing Unit Mounting Blocks With End Caps | 170.11 | 31.18 |
| 23 81 26 13-0060 | EA | End Cap, Set of 4 | 20.42 | |
| 23 81 26 13-0061 | EA | 18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity | 238.42 | 55.03 |
| 23 81 26 13-0062 | EA | 21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity | 253.04 | 58.70 |
| 23 81 26 13-0063 | LF | 5/8" ID Condensate Drain Line | 2.71 | 0.15 |
| 23 81 26 13-0064 | LF | 3/4" ID Condensate Drain Line | 2.81 | 0.15 |
| 23 81 26 13-0065 | | Cased A/C Evaporator Coils *(23 81 26 13-0001)* | | |
| 23 81 26 13-0066 | | Vertical Cased A/C Evaporator Coils *(23 81 26 13-0065)* | | |
| 23 81 26 13-0067 | EA | 1-1/2 Ton Vertical Cased A/C Evaporator Coil | 672.54 | 116.16 |
| 23 81 26 13-0068 | EA | 2 Ton Vertical Cased A/C Evaporator Coil | 702.27 | 124.87 |
| 23 81 26 13-0069 | EA | 2-1/2 Ton Vertical Cased A/C Evaporator Coil | 832.39 | 133.58 |
| 23 81 26 13-0070 | EA | 3 Ton Vertical Cased A/C Evaporator Coil | 946.68 | 142.30 |
| 23 81 26 13-0071 | EA | 3-1/2 Ton Vertical Cased A/C Evaporator Coil | 1,092.12 | 148.11 |
| 23 81 26 13-0072 | EA | 4 Ton Vertical Cased A/C Evaporator Coil | 1,216.43 | 153.91 |
| 23 81 26 13-0073 | EA | 4-1/2 Ton Vertical Cased A/C Evaporator Coil | 1,306.58 | 165.53 |
| 23 81 26 13-0074 | EA | 5 Ton Vertical Cased A/C Evaporator Coil | 1,316.98 | 174.24 |
| 23 81 26 13-0075 | | "A" Style Horizontal Cased A/C Evaporator Coils *(23 81 26 13-0065)* | | |
| 23 81 26 13-0076 | EA | 2 Ton "A" Style Horizontal Cased A/C Evaporator Coil | 819.21 | 119.07 |
| 23 81 26 13-0077 | EA | 2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil | 939.93 | 125.75 |
| 23 81 26 13-0078 | EA | 3 Ton "A" Style Horizontal Cased A/C Evaporator Coil | 1,074.25 | 133.58 |
| 23 81 26 13-0079 | EA | 3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil | 1,113.22 | 138.41 |
| 23 81 26 13-0080 | EA | 4 Ton "A" Style Horizontal Cased A/C Evaporator Coil | 1,165.56 | 145.20 |
| 23 81 26 13-0081 | EA | 4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil | 1,180.81 | 152.75 |
| 23 81 26 13-0082 | EA | 5 Ton "A" Style Horizontal Cased A/C Evaporator Coil | 1,195.76 | 160.30 |
| 23 81 26 13-0083 | | Slab Style Horizontal Cased A/C Evaporator Coils *(23 81 26 13-0065)* | | |
| 23 81 26 13-0084 | EA | 2 Ton Slab Style Horizontal Cased A/C Evaporator Coil | 718.84 | 119.07 |
| 23 81 26 13-0085 | EA | 3 Ton Slab Style Horizontal Cased A/C Evaporator Coil | 861.18 | 133.58 |
| 23 81 26 13-0086 | EA | 4 Ton Slab Style Horizontal Cased A/C Evaporator Coil | 992.99 | 145.20 |
| 23 81 26 13-0087 | EA | 5 Ton Slab Style Horizontal Cased A/C Evaporator Coil | 1,194.00 | 160.30 |
| **23 81 26 16** | | **Large-Capacity Split-System Air-Conditioners** *(23 81 26)* | | |
| 23 81 26 16-0001 | | Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) *(23 81 26 16)* | | |
| 23 81 26 16-0002 | | Outdoor Units *(23 81 26 16-0001)* | | |
| 23 81 26 16-0003 | EA | 6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A) | 14,806.56 | 537.62 |
| 23 81 26 16-0004 | EA | 8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A) | 16,053.91 | 640.02 |
| 23 81 26 16-0005 | EA | 10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A) | 18,074.23 | 768.03 |
| 23 81 26 16-0006 | EA | 12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A) | 22,251.07 | 793.63 |
| 23 81 26 16-0007 | EA | 12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A) | 29,600.10 | 819.23 |
| 23 81 26 16-0008 | EA | 14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A) | 30,693.85 | 844.83 |
| 23 81 26 16-0009 | EA | 16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A) | 31,787.60 | 870.43 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 26 16-0010 | EA | 18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A) | 33,654.32 | 921.63 |
| 23 81 26 16-0011 | EA | 20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A) | 35,521.03 | 972.83 |
| 23 81 26 16-0012 | EA | 22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A) | 39,749.07 | 1,024.03 |
| 23 81 26 16-0013 | EA | 24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A) | 43,977.11 | 1,075.23 |
| **23 81 26 16-0014** | | **Indoor Units** *(23 81 26 16-0001)* | | |
| 23 81 26 16-0015 | EA | 6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2) | 1,535.75 | 166.41 |
| 23 81 26 16-0016 | EA | 8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2) | 1,614.81 | 179.21 |
| 23 81 26 16-0017 | EA | 12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2) | 1,684.97 | 192.01 |
| 23 81 26 16-0018 | EA | 15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2) | 1,768.50 | 204.81 |
| 23 81 26 16-0019 | EA | 18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2) | 1,916.58 | 243.21 |
| 23 81 26 16-0020 | EA | 24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2) | 2,141.06 | 294.41 |
| 23 81 26 16-0021 | EA | 30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2) | 2,319.68 | 320.01 |
| 23 81 26 16-0022 | EA | 6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3) | 2,223.96 | 183.05 |
| 23 81 26 16-0023 | EA | 8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3) | 2,301.13 | 197.13 |
| 23 81 26 16-0024 | EA | 12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3) | 2,427.32 | 211.21 |
| 23 81 26 16-0025 | EA | 15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3) | 2,633.69 | 225.29 |
| 23 81 26 16-0026 | EA | 18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3) | 2,780.55 | 267.53 |
| 23 81 26 16-0027 | EA | 24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3) | 3,053.58 | 323.85 |
| 23 81 26 16-0028 | EA | 27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3) | 3,210.95 | 337.93 |
| 23 81 26 16-0029 | EA | 30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3) | 3,386.14 | 352.01 |
| 23 81 26 16-0030 | EA | 36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3) | 3,755.05 | 387.21 |
| 23 81 26 16-0031 | EA | 48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3) | 4,162.18 | 425.93 |
| 23 81 26 16-0032 | EA | 54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3) | 4,505.78 | 468.53 |
| 23 81 26 16-0033 | EA | 72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E) | 5,708.86 | 515.38 |
| 23 81 26 16-0034 | EA | 96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E) | 6,480.24 | 566.91 |
| 23 81 26 16-0035 | EA | 12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E) | 2,528.01 | 211.21 |
| 23 81 26 16-0036 | EA | 15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E) | 2,665.77 | 225.29 |
| 23 81 26 16-0037 | EA | 18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E) | 2,815.30 | 267.53 |
| 23 81 26 16-0038 | EA | 24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E) | 3,156.94 | 323.85 |
| 23 81 26 16-0039 | EA | 30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E) | 3,401.29 | 352.01 |
| 23 81 26 16-0040 | EA | 36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E) | 4,160.48 | 387.22 |
| 23 81 26 16-0041 | EA | 6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5) | 2,272.97 | 183.05 |
| 23 81 26 16-0042 | EA | 8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5) | 2,390.24 | 197.13 |
| 23 81 26 16-0043 | EA | 12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5) | 2,569.89 | 211.21 |
| 23 81 26 16-0044 | EA | 15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5) | 2,704.98 | 225.29 |
| 23 81 26 16-0045 | EA | 8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4) | 2,105.10 | 197.13 |
| 23 81 26 16-0046 | EA | 12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4) | 2,213.46 | 211.21 |
| 23 81 26 16-0047 | EA | 15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4) | 2,326.27 | 225.29 |
| **23 81 26 16-0048** | | **Controllers For Outdoor Units** *(23 81 26 16-0001)* | | |
| 23 81 26 16-0049 | EA | 8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1) | 8,014.93 | 153.61 |
| 23 81 26 16-0050 | EA | 10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1) | 9,269.07 | 179.21 |
| 23 81 26 16-0051 | EA | 13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA) | 10,242.53 | 204.81 |
| 23 81 26 16-0052 | EA | 16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA) | 12,156.06 | 230.41 |
| 23 81 26 16-0053 | EA | 4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB) | 4,468.56 | 102.40 |
| 23 81 26 16-0054 | EA | 8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB) | 6,883.28 | 153.61 |
| 23 81 26 16-0055 | EA | 16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB) | 10,520.96 | 230.41 |
| **23 81 26 16-0056** | | **Energy Recovery Units** *(23 81 26 16-0001)* | | |
| 23 81 26 16-0057 | EA | 36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU) | 5,671.43 | 153.61 |
| 23 81 26 16-0058 | EA | 39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU) | 10,732.68 | 153.61 |
| 23 81 26 16-0059 | EA | 112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR) | 10,886.35 | 179.21 |
| 23 81 26 16-0060 | EA | Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E) | 2,260.91 | 128.00 |
| 23 81 26 16-0061 | EA | Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E) | 2,881.53 | 133.12 |
| 23 81 26 16-0062 | EA | Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E) | 3,435.32 | 138.25 |
| 23 81 26 16-0063 | EA | Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1) | 6,263.99 | 153.61 |
| **23 81 26 16-0064** | | **Piping Specialties** *(23 81 26 16-0001)* | | |
| 23 81 26 16-0065 | EA | Maintenance Tool Interface (Mitsubishi CMS-MNG-E) | 793.05 | |
| 23 81 26 16-0066 | EA | Branch Joint (Mitsubishi CMY-Y102SS-G2) | 220.74 | 44.12 |
| 23 81 26 16-0067 | EA | Branch Joint (Mitsubishi CMY-Y102LS-G2) | 220.74 | 44.12 |
| 23 81 26 16-0068 | EA | Branch Joint (Mitsubishi CMY-Y202S-G2) | 244.37 | 46.45 |
| 23 81 26 16-0069 | EA | Branch Joint (Mitsubishi CMY-Y302S-G2) | 304.99 | 52.26 |
| 23 81 26 16-0070 | EA | Header - 4 Branch (Mitsubishi CMY-Y64-G-E) | 400.45 | 75.47 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 26 16-0071 | EA | Header - 8 Branch (Mitsubishi CMY-Y68-G-E) | 685.06 | 150.95 |
| 23 81 26 16-0072 | EA | Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI) | 121.80 | 18.58 |
| 23 81 26 16-0073 | EA | Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI) | 138.41 | 25.54 |
| **23 81 26 16-0074** | | **Split System Air Conditioners (Daikin VRV)** *(23 81 26 16)* | | |
| **23 81 26 16-0075** | | **Heat Pump Outdoor Units** *(23 81 26 16-0074)* | | |
| 23 81 26 16-0076 | EA | 6 Ton Heat Pump Outdoor Unit (Daikin RXYQ72PBTJ) | 22,181.99 | 537.62 |
| 23 81 26 16-0077 | EA | 8 Ton Heat Pump Outdoor Unit (Daikin RXYQ96PBTJ) | 24,793.71 | 640.02 |
| 23 81 26 16-0078 | EA | 10 Ton Heat Pump Outdoor Unit (Daikin RXYQ120PBTJ) | 27,641.78 | 768.03 |
| 23 81 26 16-0079 | EA | 12 Ton Heat Pump Outdoor Unit (Daikin RXYQ144PBTJ) | 34,543.42 | 793.63 |
| 23 81 26 16-0080 | EA | 14 Ton Heat Pump Outdoor Unit (Daikin RXYQ168PBTJ) | 46,310.08 | 844.83 |
| 23 81 26 16-0081 | EA | 16 Ton Heat Pump Outdoor Unit (Daikin RXYQ192PBTJ) | 48,953.34 | 870.43 |
| 23 81 26 16-0082 | EA | 18 Ton Heat Pump Outdoor Unit (Daikin RXYQ216PBTJ) | 51,462.66 | 921.63 |
| 23 81 26 16-0083 | EA | 20 Ton Heat Pump Outdoor Unit (Daikin RXYQ240PBTJ) | 54,157.12 | 972.83 |
| 23 81 26 16-0084 | EA | 22 Ton Heat Pump Outdoor Unit (Daikin RXYQ264PBTJ) | 70,182.17 | 1,024.03 |
| 23 81 26 16-0085 | EA | 24 Ton Heat Pump Outdoor Unit (Daikin RXYQ288PBTJ) | 72,876.63 | 1,075.23 |
| 23 81 26 16-0086 | EA | 26 Ton Heat Pump Outdoor Unit (Daikin RXYQ312PBTJ) | 75,571.09 | 1,126.43 |
| 23 81 26 16-0087 | EA | 28 Ton Heat Pump Outdoor Unit (Daikin RXYQ336PBTJ) | 78,080.41 | 1,177.63 |
| 23 81 26 16-0088 | EA | 30 Ton Heat Pump Outdoor Unit (Daikin RXYQ360PBTJ) | 80,774.87 | 1,228.84 |
| **23 81 26 16-0089** | | **Heat Recovery Heat Pump Outdoor Units** *(23 81 26 16-0074)* | | |
| 23 81 26 16-0090 | EA | 6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ72PBTJ) | 28,406.56 | 698.91 |
| 23 81 26 16-0091 | EA | 8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ96PBTJ) | 30,976.67 | 832.03 |
| 23 81 26 16-0092 | EA | 10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ120PBTJ) | 34,027.29 | 998.43 |
| 23 81 26 16-0093 | EA | 12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ144PBTJ) | 42,795.77 | 1,031.71 |
| 23 81 26 16-0094 | EA | 14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ168PBTJ) | 57,925.80 | 1,098.27 |
| 23 81 26 16-0095 | EA | 16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ192PBTJ) | 62,435.89 | 1,131.55 |
| 23 81 26 16-0096 | EA | 18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ216PBTJ) | 64,790.79 | 1,198.11 |
| 23 81 26 16-0097 | EA | 20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ240PBTJ) | 67,145.67 | 1,264.68 |
| 23 81 26 16-0098 | EA | 22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ264PBTJ) | 88,478.13 | 1,331.24 |
| 23 81 26 16-0099 | EA | 24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ288PBTJ) | 90,833.01 | 1,397.80 |
| 23 81 26 16-0100 | EA | 26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ312PBTJ) | 95,409.67 | 1,464.36 |
| 23 81 26 16-0101 | EA | 28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ336PBTJ) | 97,764.55 | 1,530.93 |
| **23 81 26 16-0102** | | **Indoor Units** *(23 81 26 16-0074)* | | |
| 23 81 26 16-0103 | EA | 7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ07PVJU) | 2,524.28 | 179.21 |
| 23 81 26 16-0104 | EA | 9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ09PVJU) | 2,637.57 | 184.33 |
| 23 81 26 16-0105 | EA | 12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ12PVJU) | 2,986.55 | 192.01 |
| 23 81 26 16-0106 | EA | 18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ18PVJU) | 3,343.97 | 243.21 |
| 23 81 26 16-0107 | EA | 24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ24PVJU) | 3,666.45 | 294.41 |
| 23 81 26 16-0108 | EA | 7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ07PVJU) | 3,705.94 | 197.13 |
| 23 81 26 16-0109 | EA | 9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ09PVJU) | 3,830.73 | 202.76 |
| 23 81 26 16-0110 | EA | 12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ12PVJU) | 4,024.05 | 112.64 |
| 23 81 26 16-0111 | EA | 18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ18PVJU) | 4,267.69 | 267.53 |
| 23 81 26 16-0112 | EA | 24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ24PVJU) | 5,056.30 | 323.85 |
| 23 81 26 16-0113 | EA | 30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ30PVJU) | 5,785.09 | 352.01 |
| 23 81 26 16-0114 | EA | 36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ36PVJU) | 6,180.37 | 387.21 |
| 23 81 26 16-0115 | EA | 48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ48PVJU) | 6,388.81 | 425.93 |
| 23 81 26 16-0116 | EA | 7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ07M7VJU) | 4,149.59 | 197.13 |
| 23 81 26 16-0117 | EA | 9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ09M7VJU) | 4,248.18 | 202.76 |
| 23 81 26 16-0118 | EA | 12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ12M7VJU) | 4,518.36 | 211.21 |
| 23 81 26 16-0119 | EA | 18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ18M7VJU) | 4,814.40 | 267.53 |
| **23 81 26 16-0120** | | **Branch Selector Boxes** *(23 81 26 16-0074)* | | |
| 23 81 26 16-0121 | EA | 144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin BSV4Q36PVJU) | 12,680.52 | 230.41 |
| 23 81 26 16-0122 | EA | 216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin BSV6Q36PVJU) | 18,758.83 | 307.21 |
| 23 81 26 16-0123 | EA | 36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin BSVQ36PVJU) | 2,492.95 | 102.40 |
| 23 81 26 16-0124 | EA | 60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ60PVJU) | 3,358.64 | 153.61 |
| 23 81 26 16-0125 | EA | 96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ96PVJU) | 4,163.76 | 230.41 |
| **23 81 26 16-0126** | | **Controllers** *(23 81 26 16-0074)* | | |
| 23 81 26 16-0127 | EA | Up To 16 Units, Navigation Controller (Daikin BRC1E71) | 772.48 | 20.48 |
| 23 81 26 16-0128 | EA | Individual Zone Controller (Daikin BRC2A71) | 555.89 | 20.48 |
| 23 81 26 16-0129 | EA | Up To 16 Groups, Unified ON/OFF Controller (Daikin DCS301C71) | 1,085.13 | 20.48 |
| 23 81 26 16-0130 | EA | Up To 64 Units, Multizone Controller (Daikin DCS302C71) | 1,523.55 | 20.48 |
| 23 81 26 16-0131 | EA | I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin DCM601A71) | 14,160.37 | 245.77 |
| 23 81 26 16-0132 | EA | I-Touch Manager D3net Plus Adapter (Daikin DCM601A72) | 2,650.15 | 20.48 |
| 23 81 26 16-0133 | EA | 24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin DACA-TS1-1) | 582.55 | 36.13 |
| **23 81 26 16-0134** | | **Energy Recovery Units** *(23 81 26 16-0074)* | | |
| 23 81 26 16-0135 | EA | 300 CFM Energy Recovery Unit (Daikin VAM300GVJU) | 4,376.40 | 128.00 |
| 23 81 26 16-0136 | EA | 470 CFM Energy Recovery Unit (Daikin VAM470GVJU) | 5,682.67 | 133.12 |
| 23 81 26 16-0137 | EA | 600 CFM Energy Recovery Unit (Daikin VAM600GVJU) | 6,803.80 | 138.25 |
| 23 81 26 16-0138 | EA | 1,200 CFM Energy Recovery Unit (Daikin VAM1200GVJU) | 12,712.06 | 153.61 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **23 81 43** | | **Air-Source Unitary Heat Pumps** *(23 81)* | | |
| 23 81 43 00-0001 | | Single Package Thru-Wall Heat Pumps *(23 81 43)*<br>Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0785 for crane lifting equipment. | | |
| 23 81 43 00-0002 | EA | 1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 1,980.56 | 166.41 |
| | | *For Unit Economizer, Add* | *264.41* | |
| | | *For >35 To 70, Deduct* | *-49.76* | |
| | | *For >70 To 100, Deduct* | *-82.94* | |
| | | *For >100, Deduct* | *-116.12* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *229.73* | |
| 23 81 43 00-0003 | EA | 1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 2,187.08 | 177.51 |
| | | *For Unit Economizer, Add* | *292.43* | |
| | | *For >35 To 70, Deduct* | *-55.29* | |
| | | *For >70 To 100, Deduct* | *-92.16* | |
| | | *For >100, Deduct* | *-129.02* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *251.87* | |
| 23 81 43 00-0004 | EA | 1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 3,735.32 | 177.51 |
| | | *For Unit Economizer, Add* | *509.19* | |
| | | *For >35 To 70, Deduct* | *-101.74* | |
| | | *For >70 To 100, Deduct* | *-169.57* | |
| | | *For >100, Deduct* | *-237.40* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *391.21* | |
| 23 81 43 00-0005 | EA | 2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 4,089.27 | 177.51 |
| | | *For Unit Economizer, Add* | *557.85* | |
| | | *For >35 To 70, Deduct* | *-111.69* | |
| | | *For >70 To 100, Deduct* | *-186.16* | |
| | | *For >100, Deduct* | *-260.62* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *203.22* | |
| 23 81 43 00-0006 | EA | 2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 4,627.54 | 188.61 |
| | | *For Unit Economizer, Add* | *632.32* | |
| | | *For >35 To 70, Deduct* | *-127.18* | |
| | | *For >70 To 100, Deduct* | *-211.96* | |
| | | *For >100, Deduct* | *-296.75* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *224.25* | |
| 23 81 43 00-0007 | EA | 3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 4,848.72 | 199.70 |
| | | *For Unit Economizer, Add* | *663.29* | |
| | | *For >35 To 70, Deduct* | *-133.81* | |
| | | *For >70 To 100, Deduct* | *-223.02* | |
| | | *For >100, Deduct* | *-312.23* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *676.93* | |
| 23 81 43 00-0008 | EA | 3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 5,460.73 | 199.70 |
| | | *For Unit Economizer, Add* | *748.08* | |
| | | *For >35 To 70, Deduct* | *-151.51* | |
| | | *For >70 To 100, Deduct* | *-252.51* | |
| | | *For >100, Deduct* | *-353.52* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *759.15* | |
| 23 81 43 00-0009 | EA | 4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 6,024.76 | 210.79 |
| | | *For Unit Economizer, Add* | *826.60* | |
| | | *For >35 To 70, Deduct* | *-168.10* | |
| | | *For >70 To 100, Deduct* | *-280.16* | |
| | | *For >100, Deduct* | *-392.22* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *833.81* | |
| 23 81 43 00-0010 | EA | 5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 6,939.17 | 244.07 |
| | | *For Unit Economizer, Add* | *951.96* | |
| | | *For >35 To 70, Deduct* | *-193.53* | |
| | | *For >70 To 100, Deduct* | *-322.55* | |
| | | *For >100, Deduct* | *-451.57* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *960.67* | |
| 23 81 43 00-0011 | EA | 7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 12,715.91 | 288.45 |
| | | *For Unit Economizer, Add* | *1,756.71* | |
| | | *For >35 To 70, Deduct* | *-363.84* | |
| | | *For >70 To 100, Deduct* | *-606.40* | |
| | | *For >100, Deduct* | *-848.95* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *1,723.63* | |
| 23 81 43 00-0012 | EA | 10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 16,373.21 | 366.11 |
| | | *For Unit Economizer, Add* | *2,262.52* | |
| | | *For >35 To 70, Deduct* | *-468.90* | |
| | | *For >70 To 100, Deduct* | *-781.49* | |
| | | *For >100, Deduct* | *-1,094.09* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *342.13* | |
| 23 81 43 00-0013 | EA | 12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 19,989.72 | 410.50 |
| | | *For Unit Economizer, Add* | *2,765.72* | |
| | | *For >35 To 70, Deduct* | *-575.06* | |
| | | *For >70 To 100, Deduct* | *-958.44* | |
| | | *For >100, Deduct* | *-1,341.81* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *396.93* | |
| 23 81 43 00-0014 | EA | 15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 24,660.59 | 465.96 |
| | | *For Unit Economizer, Add* | *3,415.65* | |
| | | *For >35 To 70, Deduct* | *-712.19* | |
| | | *For >70 To 100, Deduct* | *-1,186.99* | |
| | | *For >100, Deduct* | *-1,661.78* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *467.61* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 43 00-0015 | EA | 20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 32,848.10 | 499.25 |
| | | *For Unit Economizer, Add* | *4,558.79* | |
| | | *For >35 To 70, Deduct* | *-955.49* | |
| | | *For >70 To 100, Deduct* | *-1,592.48* | |
| | | *For >100, Deduct* | *-2,229.47* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *568.12* | |
| 23 81 43 00-0016 | EA | 25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat | 39,572.18 | 543.63 |
| | | *For Unit Economizer, Add* | *5,496.62* | |
| | | *For >35 To 70, Deduct* | *-1,154.55* | |
| | | *For >70 To 100, Deduct* | *-1,924.25* | |
| | | *For >100, Deduct* | *-2,693.95* | |
| | | *For Low Ambient Protection, 0 Degree F, Add* | *656.66* | |

### 23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0785 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 23 81 43 00-0018 | EA | 1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 3,043.13 | 221.89 |
| 23 81 43 00-0019 | EA | 1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 3,692.20 | 244.07 |
| 23 81 43 00-0020 | EA | 1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 4,773.12 | 255.18 |
| 23 81 43 00-0021 | EA | 2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 5,472.24 | 277.36 |
| 23 81 43 00-0022 | EA | 2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 6,842.61 | 321.73 |
| 23 81 43 00-0023 | EA | 3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 7,310.33 | 366.11 |
| 23 81 43 00-0024 | EA | 3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 7,939.54 | 410.50 |
| 23 81 43 00-0025 | EA | 4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 8,933.79 | 454.87 |
| 23 81 43 00-0026 | EA | 5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat | 10,072.52 | 543.63 |

### 23 81 43 00-0027 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

### 23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*

### 23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*

| | | | | |
|---|---|---|---|---|
| 23 81 43 00-0030 | EA | 10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C) | 2,189.47 | 107.52 |
| | | *For >10 To 50, Deduct* | *-98.72* | |
| | | *For >50 To 75, Deduct* | *-138.21* | |
| | | *For >75 To 100, Deduct* | *-197.44* | |
| | | *For >100, Deduct* | *-236.93* | |
| 23 81 43 00-0031 | EA | 12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C) | 2,474.01 | 107.52 |
| | | *For >10 To 50, Deduct* | *-112.95* | |
| | | *For >50 To 75, Deduct* | *-158.13* | |
| | | *For >75 To 100, Deduct* | *-225.90* | |
| | | *For >100, Deduct* | *-271.08* | |
| 23 81 43 00-0032 | EA | 17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A) | 2,900.83 | 107.52 |
| | | *For >10 To 50, Deduct* | *-134.29* | |
| | | *For >50 To 75, Deduct* | *-188.00* | |
| | | *For >75 To 100, Deduct* | *-268.58* | |
| | | *For >100, Deduct* | *-322.29* | |
| 23 81 43 00-0033 | EA | 24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D) | 3,375.07 | 107.52 |
| | | *For >10 To 50, Deduct* | *-158.00* | |
| | | *For >50 To 75, Deduct* | *-221.20* | |
| | | *For >75 To 100, Deduct* | *-316.00* | |
| | | *For >100, Deduct* | *-379.20* | |

### 23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)*

Note: Base unit excludes wall sleeve.

### 23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*

| | | | | |
|---|---|---|---|---|
| 23 81 43 00-0036 | EA | 9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D) | 2,207.07 | 76.80 |
| | | *For >10 To 50, Deduct* | *-102.67* | |
| | | *For >50 To 75, Deduct* | *-143.74* | |
| | | *For >75 To 100, Deduct* | *-205.35* | |
| | | *For >100, Deduct* | *-246.42* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |
| 23 81 43 00-0037 | EA | 11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A) | 2,207.07 | 76.80 |
| | | *For >10 To 50, Deduct* | *-102.67* | |
| | | *For >50 To 75, Deduct* | *-143.74* | |
| | | *For >75 To 100, Deduct* | *-205.35* | |
| | | *For >100, Deduct* | *-246.42* | |
| | | *For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add* | *282.63* | |

## 23 81 46 Water-Source Unitary Heat Pumps *(23 81)*

### 23 81 46 00-0001 Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pumps *(23 81 46)*

Note: R410a. Includes rubber isolator hanger brackets. McQuay CCW Series.

| | | | | |
|---|---|---|---|---|
| 23 81 46 00-0002 | EA | 7 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 3,066.00 | 232.33 |
| 23 81 46 00-0003 | EA | 9 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 3,161.56 | 232.33 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 81 46 00-0004 | EA | 12 MBH, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 3,651.84 | 255.56 |
| 23 81 46 00-0005 | EA | 19 MBH, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 3,849.08 | 278.78 |
| 23 81 46 00-0006 | EA | 24 MBH, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 4,129.13 | 302.02 |
| 23 81 46 00-0007 | EA | 30 MBH, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 4,855.14 | 325.25 |
| 23 81 46 00-0008 | EA | 36 MBH, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 4,965.31 | 348.49 |
| 23 81 46 00-0009 | EA | 42 MBH, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 5,415.25 | 371.71 |
| 23 81 46 00-0010 | EA | 48 MBH, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 5,780.23 | 394.95 |
| 23 81 46 00-0011 | EA | 60 MBH, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump | 5,879.79 | 418.18 |

## 23 82 Convection Heating and Cooling Units *(23 80)*

### 23 82 16 Air Coils *(23 82)*

### 23 82 16 11 Hydronic Air Coils *(23 82 16)*

23 82 16 11-0001 Chilled Water Cooling Coils *(23 82 16 11)*

Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 11-0002 2 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 11-0003 | EA | 12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 1,788.93 | 58.08 |
| 23 82 16 11-0004 | EA | 12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 2,973.85 | 78.99 |
| 23 82 16 11-0005 | EA | 24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 3,998.55 | 124.30 |
| 23 82 16 11-0006 | EA | 24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 4,822.98 | 177.72 |
| 23 82 16 11-0007 | EA | 30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 5,111.65 | 218.39 |
| 23 82 16 11-0008 | EA | 30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 5,715.73 | 264.85 |
| 23 82 16 11-0009 | EA | 30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 6,118.47 | 306.66 |
| 23 82 16 11-0010 | EA | 30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 6,613.23 | 541.78 |
| 23 82 16 11-0011 | EA | 34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 4,111.44 | 205.96 |
| 23 82 16 11-0012 | EA | 34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 5,269.33 | 350.69 |
| 23 82 16 11-0013 | EA | 34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 5,892.59 | 435.61 |
| 23 82 16 11-0014 | EA | 34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 6,456.84 | 526.10 |
| 23 82 16 11-0015 | EA | 34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 7,047.16 | 612.63 |

23 82 16 11-0016 4 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 11-0017 | EA | 12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 2,218.64 | 120.81 |
| 23 82 16 11-0018 | EA | 12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 3,575.25 | 174.24 |
| 23 82 16 11-0019 | EA | 24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 4,863.50 | 290.41 |
| 23 82 16 11-0020 | EA | 24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 5,933.81 | 430.96 |
| 23 82 16 11-0021 | EA | 30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 6,854.14 | 528.54 |
| 23 82 16 11-0022 | EA | 30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 8,143.01 | 645.85 |
| 23 82 16 11-0023 | EA | 30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 9,060.02 | 774.79 |
| 23 82 16 11-0024 | EA | 30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 8,829.44 | 901.88 |
| 23 82 16 11-0025 | EA | 34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 5,587.96 | 389.26 |
| 23 82 16 11-0026 | EA | 34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 7,109.25 | 585.46 |
| 23 82 16 11-0027 | EA | 34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 7,873.78 | 726.01 |
| 23 82 16 11-0028 | EA | 34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 8,775.50 | 874.70 |
| 23 82 16 11-0029 | EA | 34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 9,613.47 | 1,022.57 |

23 82 16 11-0030 6 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 11-0031 | EA | 12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 3,138.86 | 153.34 |
| 23 82 16 11-0032 | EA | 12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 3,684.04 | 227.67 |
| 23 82 16 11-0033 | EA | 24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 4,991.23 | 387.98 |
| 23 82 16 11-0034 | EA | 24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 6,762.08 | 580.80 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 16 11-0035 | EA | 30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 8,897.33 | 726.01 |
| 23 82 16 11-0036 | EA | 30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 10,088.96 | 893.28 |
| 23 82 16 11-0037 | EA | 30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 11,731.64 | 1,055.90 |
| 23 82 16 11-0038 | EA | 30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 11,108.10 | 1,230.49 |
| 23 82 16 11-0039 | EA | 34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 6,982.97 | 531.90 |
| 23 82 16 11-0040 | EA | 34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 8,904.20 | 797.80 |
| 23 82 16 11-0041 | EA | 34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 9,993.87 | 998.99 |
| 23 82 16 11-0042 | EA | 34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 11,047.47 | 1,200.07 |
| 23 82 16 11-0043 | EA | 34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 12,107.21 | 1,396.14 |

### 23 82 16 11-0044 8 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 11-0045 | EA | 12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 3,926.70 | 184.69 |
| 23 82 16 11-0046 | EA | 12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 4,783.46 | 283.44 |
| 23 82 16 11-0047 | EA | 24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 7,104.72 | 505.30 |
| 23 82 16 11-0048 | EA | 24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 9,389.46 | 774.79 |
| 23 82 16 11-0049 | EA | 30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 11,259.15 | 968.79 |
| 23 82 16 11-0050 | EA | 30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 13,062.94 | 1,161.62 |
| 23 82 16 11-0051 | EA | 30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 15,034.16 | 1,290.56 |
| 23 82 16 11-0052 | EA | 30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 12,721.78 | 1,496.97 |
| 23 82 16 11-0053 | EA | 34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 7,955.60 | 648.18 |
| 23 82 16 11-0054 | EA | 34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 10,171.18 | 974.48 |
| 23 82 16 11-0055 | EA | 34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 11,433.69 | 1,213.88 |
| 23 82 16 11-0056 | EA | 34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 12,632.41 | 1,452.01 |
| 23 82 16 11-0057 | EA | 34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted | 13,895.82 | 1,708.27 |

### 23 82 16 11-0058 Hot Water Heating Coils *(23 82 16 11)*

Note: Flanged construction.

### 23 82 16 11-0059 1 Row Hot Water Heating Coils *(23 82 16 11-0058)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 11-0060 | EA | 12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction | 1,406.22 | 156.82 |
| | | *For 10 Fins Per Inch, Add* | *21.85* | |
| | | *For 12 Fins Per Inch, Add* | *54.61* | |
| | | *For 230 PSIG Heavy Duty, Add* | *312.64* | |
| 23 82 16 11-0061 | EA | 12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction | 2,088.60 | 200.96 |
| | | *For 10 Fins Per Inch, Add* | *33.76* | |
| | | *For 12 Fins Per Inch, Add* | *84.40* | |
| | | *For 230 PSIG Heavy Duty, Add* | *457.78* | |
| 23 82 16 11-0062 | EA | 24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction | 2,539.09 | 276.47 |
| | | *For 10 Fins Per Inch, Add* | *39.72* | |
| | | *For 12 Fins Per Inch, Add* | *99.30* | |
| | | *For 230 PSIG Heavy Duty, Add* | *563.13* | |
| 23 82 16 11-0063 | EA | 24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction | 3,008.60 | 387.98 |
| | | *For 10 Fins Per Inch, Add* | *44.68* | |
| | | *For 12 Fins Per Inch, Add* | *111.71* | |
| | | *For 230 PSIG Heavy Duty, Add* | *679.16* | |
| 23 82 16 11-0064 | EA | 30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction | 3,411.72 | 464.65 |
| | | *For 10 Fins Per Inch, Add* | *49.65* | |
| | | *For 12 Fins Per Inch, Add* | *124.12* | |
| | | *For 230 PSIG Heavy Duty, Add* | *775.27* | |
| 23 82 16 11-0065 | EA | 30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction | 3,991.59 | 580.80 |
| | | *For 10 Fins Per Inch, Add* | *56.60* | |
| | | *For 12 Fins Per Inch, Add* | *141.50* | |
| | | *For 230 PSIG Heavy Duty, Add* | *914.48* | |
| 23 82 16 11-0066 | EA | 30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction | 4,468.19 | 644.70 |
| | | *For 10 Fins Per Inch, Add* | *63.55* | |
| | | *For 12 Fins Per Inch, Add* | *158.88* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,022.71* | |
| 23 82 16 11-0067 | EA | 30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction | 5,532.32 | 749.59 |
| | | *For 10 Fins Per Inch, Add* | *80.55* | |
| | | *For 12 Fins Per Inch, Add* | *201.38* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,256.93* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 16 11-0068 | EA | 34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction | 2,388.61 | 324.79 |
| | | *For 10 Fins Per Inch, Add* | *34.78* | |
| | | *For 12 Fins Per Inch, Add* | *86.95* | |
| | | *For 230 PSIG Heavy Duty, Add* | *542.69* | |
| 23 82 16 11-0069 | EA | 34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction | 3,582.89 | 487.30 |
| | | *For 10 Fins Per Inch, Add* | *52.17* | |
| | | *For 12 Fins Per Inch, Add* | *130.42* | |
| | | *For 230 PSIG Heavy Duty, Add* | *814.03* | |
| 23 82 16 11-0070 | EA | 34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction | 5,386.73 | 737.04 |
| | | *For 10 Fins Per Inch, Add* | *78.25* | |
| | | *For 12 Fins Per Inch, Add* | *195.63* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,224.76* | |
| 23 82 16 11-0071 | EA | 34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction | 6,272.91 | 854.14 |
| | | *For 10 Fins Per Inch, Add* | *91.29* | |
| | | *For 12 Fins Per Inch, Add* | *228.23* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,425.41* | |
| 23 82 16 11-0072 | SF | >15 SF Hot Water Heating Coil, 1 Row, Flanged Construction | 285.85 | 42.98 |
| | | *For 10 Fins Per Inch, Add* | *4.00* | |
| | | *For 12 Fins Per Inch, Add* | *9.99* | |
| | | *For 230 PSIG Heavy Duty, Add* | *65.77* | |
| **23 82 16 11-0073** | | **2 Row Hot Water Heating Coils** *(23 82 16 11-0058)* | | |
| 23 82 16 11-0074 | EA | 12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction | 2,273.86 | 193.99 |
| | | *For 10 Fins Per Inch, Add* | *37.73* | |
| | | *For 12 Fins Per Inch, Add* | *94.33* | |
| | | *For 230 PSIG Heavy Duty, Add* | *493.49* | |
| 23 82 16 11-0075 | EA | 12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction | 2,452.58 | 257.88 |
| | | *For 10 Fins Per Inch, Add* | *38.73* | |
| | | *For 12 Fins Per Inch, Add* | *96.82* | |
| | | *For 230 PSIG Heavy Duty, Add* | *542.14* | |
| 23 82 16 11-0076 | EA | 24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction | 3,306.49 | 387.98 |
| | | *For 10 Fins Per Inch, Add* | *50.64* | |
| | | *For 12 Fins Per Inch, Add* | *126.60* | |
| | | *For 230 PSIG Heavy Duty, Add* | *738.74* | |
| 23 82 16 11-0077 | EA | 24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction | 3,985.92 | 552.93 |
| | | *For 10 Fins Per Inch, Add* | *57.59* | |
| | | *For 12 Fins Per Inch, Add* | *143.98* | |
| | | *For 230 PSIG Heavy Duty, Add* | *907.81* | |
| 23 82 16 11-0078 | EA | 30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction | 4,593.77 | 683.03 |
| | | *For 10 Fins Per Inch, Add* | *64.54* | |
| | | *For 12 Fins Per Inch, Add* | *161.36* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,055.42* | |
| 23 82 16 11-0079 | EA | 30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction | 4,886.61 | 829.39 |
| | | *For 10 Fins Per Inch, Add* | *64.54* | |
| | | *For 12 Fins Per Inch, Add* | *161.36* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,143.27* | |
| 23 82 16 11-0080 | EA | 30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction | 5,510.73 | 968.79 |
| | | *For 10 Fins Per Inch, Add* | *71.49* | |
| | | *For 12 Fins Per Inch, Add* | *178.74* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,295.75* | |
| 23 82 16 11-0081 | EA | 30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction | 6,782.31 | 1,125.61 |
| | | *For 10 Fins Per Inch, Add* | *90.62* | |
| | | *For 12 Fins Per Inch, Add* | *226.56* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,581.58* | |
| 23 82 16 11-0082 | EA | 34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction | 2,927.52 | 485.67 |
| | | *For 10 Fins Per Inch, Add* | *39.13* | |
| | | *For 12 Fins Per Inch, Add* | *97.81* | |
| | | *For 230 PSIG Heavy Duty, Add* | *682.63* | |
| 23 82 16 11-0083 | EA | 34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction | 4,393.73 | 729.61 |
| | | *For 10 Fins Per Inch, Add* | *58.69* | |
| | | *For 12 Fins Per Inch, Add* | *146.72* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,024.68* | |
| 23 82 16 11-0084 | EA | 34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction | 6,601.65 | 1,100.05 |
| | | *For 10 Fins Per Inch, Add* | *88.03* | |
| | | *For 12 Fins Per Inch, Add* | *220.08* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,540.33* | |
| 23 82 16 11-0085 | EA | 34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction | 7,705.22 | 1,284.98 |
| | | *For 10 Fins Per Inch, Add* | *102.71* | |
| | | *For 12 Fins Per Inch, Add* | *256.76* | |
| | | *For 230 PSIG Heavy Duty, Add* | *1,798.04* | |
| **23 82 16 11-0086** | | **Hot Water Preheat Coils For Multi-Zone Air Handling Units** *(23 82 16 11)* | | |
| | | Note: 2 Row coils. Coils are sized by air handling unit capacity. | | |
| 23 82 16 11-0087 | EA | 3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 1,848.08 | 147.53 |
| 23 82 16 11-0088 | EA | 4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 2,364.43 | 146.37 |
| 23 82 16 11-0089 | EA | 5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 2,900.64 | 156.82 |
| 23 82 16 11-0090 | EA | 6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 3,370.21 | 170.75 |
| 23 82 16 11-0091 | EA | 7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 3,385.98 | 178.89 |
| 23 82 16 11-0092 | EA | 9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 4,098.36 | 188.18 |
| 23 82 16 11-0093 | EA | 11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 4,245.35 | 211.42 |
| 23 82 16 11-0094 | EA | 13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 4,694.25 | 236.97 |
| 23 82 16 11-0095 | EA | 16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 5,283.26 | 283.44 |
| 23 82 16 11-0096 | EA | 19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 5,759.15 | 297.38 |
| 23 82 16 11-0097 | EA | 22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 7,380.11 | 314.79 |
| 23 82 16 11-0098 | EA | 27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 9,400.01 | 430.96 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 16 11-0099 | EA | 34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 11,809.91 | 528.54 |
| 23 82 16 11-0100 | EA | 40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 13,757.63 | 552.93 |
| 23 82 16 11-0101 | EA | 47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit | 16,160.43 | 644.70 |

## 23 82 16 12 Steam Air Coils *(23 82 16)*

### 23 82 16 12-0001 Steam Heating Coils *(23 82 16 12)*

Note: Flanged construction.

| | | | | |
|---|---|---|---|---|
| 23 82 16 12-0002 | EA | 12" x 12" Steam Heating Coils, 1 Row Flanged Construction | 2,185.69 | 109.19 |
| | | *For 2 Row Coil, Add* | *699.13* | |
| | | *For 4 Row Coil, Add* | *1,841.92* | |
| 23 82 16 12-0003 | EA | 12" x 24" Steam Heating Coils, 1 Row Flanged Construction | 2,410.89 | 151.01 |
| | | *For 2 Row Coil, Add* | *783.61* | |
| | | *For 4 Row Coil, Add* | *2,058.45* | |
| 23 82 16 12-0004 | EA | 24" x 30" Steam Heating Coils, 1 Row Flanged Construction | 3,141.59 | 270.65 |
| | | *For 2 Row Coil, Add* | *1,050.53* | |
| | | *For 4 Row Coil, Add* | *2,745.59* | |
| 23 82 16 12-0005 | EA | 24" x 48" Steam Heating Coils, 1 Row Flanged Construction | 3,938.17 | 387.98 |
| | | *For 2 Row Coil, Add* | *1,336.33* | |
| | | *For 4 Row Coil, Add* | *3,483.53* | |
| 23 82 16 12-0006 | EA | 30" x 48" Steam Heating Coils, 1 Row Flanged Construction | 4,374.27 | 464.65 |
| | | *For 2 Row Coil, Add* | *1,498.14* | |
| | | *For 4 Row Coil, Add* | *3,899.01* | |
| 23 82 16 12-0007 | EA | 30" x 60" Steam Heating Coils, 1 Row Flanged Construction | 4,887.82 | 580.80 |
| | | *For 2 Row Coil, Add* | *1,698.67* | |
| | | *For 4 Row Coil, Add* | *4,409.75* | |
| 23 82 16 12-0008 | EA | 30" x 72" Steam Heating Coils, 1 Row Flanged Construction | 5,368.41 | 644.70 |
| | | *For 2 Row Coil, Add* | *1,868.66* | |
| | | *For 4 Row Coil, Add* | *4,849.72* | |
| 23 82 16 12-0009 | EA | 30" x 84" Steam Heating Coils, 1 Row Flanged Construction | 6,673.36 | 752.38 |
| | | *For 2 Row Coil, Add* | *2,302.94* | |
| | | *For 4 Row Coil, Add* | *5,985.70* | |
| 23 82 16 12-0010 | EA | 34" x 32" Steam Heating Coils, 1 Row Flanged Construction | 2,881.25 | 324.79 |
| | | *For 2 Row Coil, Add* | *994.31* | |
| | | *For 4 Row Coil, Add* | *2,584.36* | |
| 23 82 16 12-0011 | EA | 34" x 48" Steam Heating Coils, 1 Row Flanged Construction | 4,321.88 | 487.30 |
| | | *For 2 Row Coil, Add* | *1,491.47* | |
| | | *For 4 Row Coil, Add* | *3,876.54* | |
| 23 82 16 12-0012 | EA | 34" x 72" Steam Heating Coils, 1 Row Flanged Construction | 6,480.33 | 729.61 |
| | | *For 2 Row Coil, Add* | *2,235.96* | |
| | | *For 4 Row Coil, Add* | *5,811.77* | |
| 23 82 16 12-0013 | EA | 34" x 84" Steam Heating Coils, 1 Row Flanged Construction | 7,566.12 | 854.14 |
| | | *For 2 Row Coil, Add* | *2,611.49* | |
| | | *For 4 Row Coil, Add* | *6,787.44* | |

## 23 82 16 13 Refrigerant Air Coils *(23 82 16)*

### 23 82 16 13-0001 Direct Expansion Cooling Coils *(23 82 16 13)*

Note: Flanged construction 16 gauge galvanized steel casing.

### 23 82 16 13-0002 2 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 13-0003 | EA | 12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 1,716.94 | 87.12 |
| | | *For 10 Fins Per Inch, Add* | *30.85* | |
| | | *For 12 Fins Per Inch, Add* | *77.11* | |
| 23 82 16 13-0004 | EA | 12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 3,324.03 | 119.64 |
| | | *For 10 Fins Per Inch, Add* | *61.69* | |
| | | *For 12 Fins Per Inch, Add* | *154.23* | |
| 23 82 16 13-0005 | EA | 24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 4,573.94 | 188.18 |
| | | *For 10 Fins Per Inch, Add* | *83.98* | |
| | | *For 12 Fins Per Inch, Add* | *209.96* | |
| 23 82 16 13-0006 | EA | 24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 5,503.00 | 270.65 |
| | | *For 10 Fins Per Inch, Add* | *99.25* | |
| | | *For 12 Fins Per Inch, Add* | *248.14* | |
| 23 82 16 13-0007 | EA | 30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 6,389.99 | 331.06 |
| | | *For 10 Fins Per Inch, Add* | *114.52* | |
| | | *For 12 Fins Per Inch, Add* | *286.31* | |
| 23 82 16 13-0008 | EA | 30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 7,138.12 | 400.75 |
| | | *For 10 Fins Per Inch, Add* | *126.74* | |
| | | *For 12 Fins Per Inch, Add* | *316.85* | |
| 23 82 16 13-0009 | EA | 30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 8,182.49 | 464.65 |
| | | *For 10 Fins Per Inch, Add* | *145.06* | |
| | | *For 12 Fins Per Inch, Add* | *362.66* | |
| 23 82 16 13-0010 | EA | 30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 10,277.36 | 541.78 |
| | | *For 10 Fins Per Inch, Add* | *183.88* | |
| | | *For 12 Fins Per Inch, Add* | *459.69* | |
| 23 82 16 13-0011 | EA | 34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 3,946.54 | 205.96 |
| | | *For 10 Fins Per Inch, Add* | *70.69* | |
| | | *For 12 Fins Per Inch, Add* | *176.73* | |
| 23 82 16 13-0012 | EA | 34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 5,065.70 | 350.69 |
| | | *For 10 Fins Per Inch, Add* | *87.29* | |
| | | *For 12 Fins Per Inch, Add* | *218.21* | |
| 23 82 16 13-0013 | EA | 34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 6,215.94 | 526.10 |
| | | *For 10 Fins Per Inch, Add* | *103.28* | |
| | | *For 12 Fins Per Inch, Add* | *258.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 16 13-0014 | EA | 34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 6,787.49 | 612.63 |
| | | *For 10 Fins Per Inch, Add* | *111.24* | |
| | | *For 12 Fins Per Inch, Add* | *278.11* | |

## 23 82 16 13-0015 4 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 13-0016 | EA | 12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 2,860.80 | 120.81 |
| | | *For 10 Fins Per Inch, Add* | *52.38* | |
| | | *For 12 Fins Per Inch, Add* | *130.94* | |
| 23 82 16 13-0017 | EA | 12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 4,087.88 | 174.24 |
| | | *For 10 Fins Per Inch, Add* | *74.82* | |
| | | *For 12 Fins Per Inch, Add* | *187.06* | |
| 23 82 16 13-0018 | EA | 24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 5,543.52 | 290.41 |
| | | *For 10 Fins Per Inch, Add* | *99.25* | |
| | | *For 12 Fins Per Inch, Add* | *248.14* | |
| 23 82 16 13-0019 | EA | 24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 6,739.36 | 430.96 |
| | | *For 10 Fins Per Inch, Add* | *117.58* | |
| | | *For 12 Fins Per Inch, Add* | *293.95* | |
| 23 82 16 13-0020 | EA | 30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 7,774.78 | 528.54 |
| | | *For 10 Fins Per Inch, Add* | *134.38* | |
| | | *For 12 Fins Per Inch, Add* | *335.94* | |
| 23 82 16 13-0021 | EA | 30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 9,231.03 | 645.85 |
| | | *For 10 Fins Per Inch, Add* | *158.81* | |
| | | *For 12 Fins Per Inch, Add* | *397.02* | |
| 23 82 16 13-0022 | EA | 30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 10,252.66 | 774.79 |
| | | *For 10 Fins Per Inch, Add* | *174.08* | |
| | | *For 12 Fins Per Inch, Add* | *435.19* | |
| 23 82 16 13-0023 | EA | 30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 9,944.99 | 901.88 |
| | | *For 10 Fins Per Inch, Add* | *162.82* | |
| | | *For 12 Fins Per Inch, Add* | *407.06* | |
| 23 82 16 13-0024 | EA | 34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 6,351.60 | 389.26 |
| | | *For 10 Fins Per Inch, Add* | *111.46* | |
| | | *For 12 Fins Per Inch, Add* | *278.65* | |
| 23 82 16 13-0025 | EA | 34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 8,052.14 | 585.46 |
| | | *For 10 Fins Per Inch, Add* | *137.62* | |
| | | *For 12 Fins Per Inch, Add* | *344.06* | |
| 23 82 16 13-0026 | EA | 34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 12,086.80 | 1,029.78 |
| | | *For 10 Fins Per Inch, Add* | *200.54* | |
| | | *For 12 Fins Per Inch, Add* | *501.36* | |
| 23 82 16 13-0027 | EA | 34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 13,828.52 | 1,200.07 |
| | | *For 10 Fins Per Inch, Add* | *228.57* | |
| | | *For 12 Fins Per Inch, Add* | *571.42* | |

## 23 82 16 13-0028 6 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 13-0029 | EA | 12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 3,665.07 | 152.17 |
| | | *For 10 Fins Per Inch, Add* | *67.19* | |
| | | *For 12 Fins Per Inch, Add* | *167.97* | |
| 23 82 16 13-0030 | EA | 12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 4,196.67 | 227.67 |
| | | *For 10 Fins Per Inch, Add* | *74.82* | |
| | | *For 12 Fins Per Inch, Add* | *187.06* | |
| 23 82 16 13-0031 | EA | 24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 6,042.53 | 387.98 |
| | | *For 10 Fins Per Inch, Add* | *105.36* | |
| | | *For 12 Fins Per Inch, Add* | *263.41* | |
| 23 82 16 13-0032 | EA | 24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 7,651.33 | 580.80 |
| | | *For 10 Fins Per Inch, Add* | *129.79* | |
| | | *For 12 Fins Per Inch, Add* | *324.49* | |
| 23 82 16 13-0033 | EA | 30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 10,079.50 | 726.01 |
| | | *For 10 Fins Per Inch, Add* | *172.55* | |
| | | *For 12 Fins Per Inch, Add* | *431.37* | |
| 23 82 16 13-0034 | EA | 30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 11,407.14 | 893.28 |
| | | *For 10 Fins Per Inch, Add* | *192.40* | |
| | | *For 12 Fins Per Inch, Add* | *481.00* | |
| 23 82 16 13-0035 | EA | 30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 13,259.06 | 1,055.90 |
| | | *For 10 Fins Per Inch, Add* | *222.94* | |
| | | *For 12 Fins Per Inch, Add* | *557.35* | |
| 23 82 16 13-0036 | EA | 30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 12,481.09 | 1,230.49 |
| | | *For 10 Fins Per Inch, Add* | *200.40* | |
| | | *For 12 Fins Per Inch, Add* | *501.00* | |
| 23 82 16 13-0037 | EA | 34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 7,922.83 | 531.90 |
| | | *For 10 Fins Per Inch, Add* | *137.18* | |
| | | *For 12 Fins Per Inch, Add* | *342.95* | |
| 23 82 16 13-0038 | EA | 34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 10,064.67 | 797.80 |
| | | *For 10 Fins Per Inch, Add* | *169.38* | |
| | | *For 12 Fins Per Inch, Add* | *423.45* | |
| 23 82 16 13-0039 | EA | 34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 12,400.85 | 1,190.19 |
| | | *For 10 Fins Per Inch, Add* | *200.41* | |
| | | *For 12 Fins Per Inch, Add* | *501.02* | |
| 23 82 16 13-0040 | EA | 34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 13,586.24 | 1,396.14 |
| | | *For 10 Fins Per Inch, Add* | *215.88* | |
| | | *For 12 Fins Per Inch, Add* | *539.70* | |

## 23 82 16 13-0041 8 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 16 13-0042 | EA | 12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 4,567.98 | 183.54 |
| | | *For 10 Fins Per Inch, Add* | *83.98* | |
| | | *For 12 Fins Per Inch, Add* | *209.96* | |
| 23 82 16 13-0043 | EA | 12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 5,453.01 | 283.44 |
| | | *For 10 Fins Per Inch, Add* | *97.73* | |
| | | *For 12 Fins Per Inch, Add* | *244.32* | |
| 23 82 16 13-0044 | EA | 24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 8,072.43 | 505.30 |
| | | *For 10 Fins Per Inch, Add* | *141.25* | |
| | | *For 12 Fins Per Inch, Add* | *353.12* | |
| 23 82 16 13-0045 | EA | 24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 10,634.41 | 774.79 |
| | | *For 10 Fins Per Inch, Add* | *181.71* | |
| | | *For 12 Fins Per Inch, Add* | *454.28* | |
| 23 82 16 13-0046 | EA | 30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 12,739.49 | 968.79 |
| | | *For 10 Fins Per Inch, Add* | *216.07* | |
| | | *For 12 Fins Per Inch, Add* | *540.17* | |
| 23 82 16 13-0047 | EA | 30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 14,768.20 | 1,161.62 |
| | | *For 10 Fins Per Inch, Add* | *248.90* | |
| | | *For 12 Fins Per Inch, Add* | *622.25* | |
| 23 82 16 13-0048 | EA | 30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 17,011.43 | 1,290.56 |
| | | *For 10 Fins Per Inch, Add* | *288.60* | |
| | | *For 12 Fins Per Inch, Add* | *721.50* | |
| 23 82 16 13-0049 | EA | 30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 14,266.39 | 1,496.97 |
| | | *For 10 Fins Per Inch, Add* | *225.45* | |
| | | *For 12 Fins Per Inch, Add* | *563.63* | |
| 23 82 16 13-0050 | EA | 34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 9,012.95 | 648.18 |
| | | *For 10 Fins Per Inch, Add* | *154.33* | |
| | | *For 12 Fins Per Inch, Add* | *385.83* | |
| 23 82 16 13-0051 | EA | 34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 11,476.71 | 974.48 |
| | | *For 10 Fins Per Inch, Add* | *190.55* | |
| | | *For 12 Fins Per Inch, Add* | *476.39* | |
| 23 82 16 13-0052 | EA | 34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 14,206.42 | 1,466.65 |
| | | *For 10 Fins Per Inch, Add* | *225.46* | |
| | | *For 12 Fins Per Inch, Add* | *563.65* | |
| 23 82 16 13-0053 | EA | 34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing | 15,559.74 | 1,708.27 |
| | | *For 10 Fins Per Inch, Add* | *242.86* | |
| | | *For 12 Fins Per Inch, Add* | *607.16* | |

## 23 82 16 14 Electric-Resistance Air Coils *(23 82 16)*

### 23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater *(23 82 16 14)*

### 23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 14-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 14-0003 | EA | 1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 475.65 | 78.85 |
| 23 82 16 14-0004 | EA | 1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 488.77 | 85.00 |
| 23 82 16 14-0005 | EA | 2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 504.29 | 93.19 |
| 23 82 16 14-0006 | EA | 3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 509.51 | 96.26 |
| 23 82 16 14-0007 | EA | 4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 522.91 | 102.40 |
| 23 82 16 14-0008 | EA | 5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 538.32 | 110.60 |
| 23 82 16 14-0009 | EA | 6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 620.04 | 123.91 |
| 23 82 16 14-0010 | EA | 7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 632.52 | 130.05 |
| 23 82 16 14-0011 | EA | 8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 642.77 | 134.15 |
| 23 82 16 14-0012 | EA | 9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 657.73 | 142.34 |
| 23 82 16 14-0013 | EA | 10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 719.90 | 150.53 |
| 23 82 16 14-0014 | EA | 12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 749.05 | 164.87 |
| 23 82 16 14-0015 | EA | 15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 778.03 | 179.21 |
| 23 82 16 14-0016 | EA | 20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 808.39 | 193.54 |
| 23 82 16 14-0017 | EA | 30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 1,110.74 | 270.34 |
| 23 82 16 14-0018 | EA | 40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 1,990.56 | 287.75 |
| 23 82 16 14-0019 | EA | 50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 2,187.41 | 329.74 |
| 23 82 16 14-0020 | EA | 60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 2,585.48 | 365.58 |
| 23 82 16 14-0021 | EA | 70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 2,712.22 | 397.33 |
| 23 82 16 14-0022 | EA | 80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 2,971.76 | 436.23 |
| 23 82 16 14-0023 | EA | 90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 3,653.52 | 465.94 |
| 23 82 16 14-0024 | EA | 100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 4,014.20 | 500.75 |
| 23 82 16 14-0025 | EA | 125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 4,876.63 | 540.68 |
| 23 82 16 14-0026 | EA | 150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater | 5,493.17 | 587.79 |

### 23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 14-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 16 14-0028 | EA | 1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 829.40 | 112.64 |
| 23 82 16 14-0029 | EA | 2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 854.65 | 122.88 |
| 23 82 16 14-0030 | EA | 3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 864.54 | 122.88 |
| 23 82 16 14-0031 | EA | 4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 934.51 | 135.17 |
| 23 82 16 14-0032 | EA | 5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 976.02 | 135.17 |
| 23 82 16 14-0033 | EA | 6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 998.10 | 135.17 |
| 23 82 16 14-0034 | EA | 8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 1,048.14 | 150.53 |
| 23 82 16 14-0035 | EA | 9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 1,093.51 | 168.97 |
| 23 82 16 14-0036 | EA | 10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 1,115.60 | 168.97 |
| 23 82 16 14-0037 | EA | 15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 1,256.09 | 193.54 |
| 23 82 16 14-0038 | EA | 20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 1,609.09 | 193.54 |
| 23 82 16 14-0039 | EA | 25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 1,709.01 | 209.93 |
| 23 82 16 14-0040 | EA | 30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 2,011.47 | 225.29 |
| 23 82 16 14-0041 | EA | 40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 2,391.35 | 225.29 |
| 23 82 16 14-0042 | EA | 45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 2,610.09 | 235.53 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 16 14-0043 | EA | 50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater | 2,741.81 | 235.53 |

## 23 82 19 Fan Coil Units *(23 82)*

### 23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

### 23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 19 00-0003 | EA | 200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 2,058.22 | 188.18 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-53.74* | |
| 23 82 19 00-0004 | EA | 300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 2,264.58 | 219.55 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-56.92* | |
| 23 82 19 00-0005 | EA | 400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 2,507.19 | 247.43 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-59.72* | |
| 23 82 19 00-0006 | EA | 600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 2,908.90 | 283.44 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-63.33* | |
| 23 82 19 00-0007 | EA | 800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 3,267.34 | 297.38 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-109.68* | |
| 23 82 19 00-0008 | EA | 1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 4,470.67 | 314.79 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-112.09* | |
| 23 82 19 00-0009 | EA | 1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 5,441.01 | 341.52 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-116.25* | |

### 23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 19 00-0011 | EA | 200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 1,115.83 | 188.18 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-53.74* | |
| 23 82 19 00-0012 | EA | 300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 1,360.61 | 219.55 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-56.92* | |
| 23 82 19 00-0013 | EA | 400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 1,617.86 | 247.43 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-59.72* | |
| 23 82 19 00-0014 | EA | 600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 3,128.49 | 283.44 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-63.33* | |
| 23 82 19 00-0015 | EA | 800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 3,523.52 | 298.54 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-109.68* | |
| 23 82 19 00-0016 | EA | 1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 4,836.65 | 314.79 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-112.09* | |
| 23 82 19 00-0017 | EA | 1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet | 6,136.37 | 341.52 |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-116.25* | |

### 23 82 19 00-0018 Floor Mounted Vertical Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

### 23 82 19 00-0019 Vertical Fan Coil Units With Electric Heating Coil *(23 82 19 00-0018)*

| | | | | |
|---|---|---|---|---|
| 23 82 19 00-0020 | EA | 200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 1,985.02 | 187.02 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-260.28* | |
| | | *For Thru-Wall Sleeve, Add* | *129.94* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-53.74* | |
| 23 82 19 00-0021 | EA | 300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 2,268.24 | 219.55 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-296.40* | |
| | | *For Thru-Wall Sleeve, Add* | *142.67* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-56.92* | |
| 23 82 19 00-0022 | EA | 400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 2,690.18 | 247.43 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-354.10* | |
| | | *For Thru-Wall Sleeve, Add* | *153.86* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-59.72* | |
| 23 82 19 00-0023 | EA | 600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 3,091.89 | 283.44 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-407.12* | |
| | | *For Thru-Wall Sleeve, Add* | *168.33* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-63.33* | |
| 23 82 19 00-0024 | EA | 800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 3,486.93 | 298.54 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-463.47* | |
| | | *For Thru-Wall Sleeve, Add* | *174.14* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-109.68* | |
| 23 82 19 00-0025 | EA | 1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 4,470.67 | 314.79 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-607.81* | |
| | | *For Thru-Wall Sleeve, Add* | *180.58* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-112.09* | |
| 23 82 19 00-0026 | EA | 1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 5,258.03 | 341.52 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-720.37* | |
| | | *For Thru-Wall Sleeve, Add* | *191.66* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-116.25* | |

### 23 82 19 00-0027 Vertical Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0018)*

| | | | | |
|---|---|---|---|---|
| 23 82 19 00-0028 | EA | 200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 2,204.61 | 187.02 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-293.22* | |
| | | *For Thru-Wall Sleeve, Add* | *129.94* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-53.74* | |
| 23 82 19 00-0029 | EA | 300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 2,487.83 | 219.55 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-329.34* | |
| | | *For Thru-Wall Sleeve, Add* | *142.67* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-56.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 19 00-0030 | EA | 400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 3,056.16 | 247.43 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-408.99* | |
| | | *For Thru-Wall Sleeve, Add* | *153.86* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-59.72* | |
| 23 82 19 00-0031 | EA | 600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 3,494.46 | 283.44 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-467.51* | |
| | | *For Thru-Wall Sleeve, Add* | *168.33* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-63.33* | |
| 23 82 19 00-0032 | EA | 800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 3,889.50 | 298.54 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-523.86* | |
| | | *For Thru-Wall Sleeve, Add* | *174.14* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-109.68* | |
| 23 82 19 00-0033 | EA | 1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 4,653.66 | 314.79 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-635.26* | |
| | | *For Thru-Wall Sleeve, Add* | *180.58* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-112.09* | |
| 23 82 19 00-0034 | EA | 1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet | 5,441.01 | 341.52 |
| | | *For Fan Coil Units Without Cabinet, Deduct* | *-747.82* | |
| | | *For Thru-Wall Sleeve, Add* | *191.66* | |
| | | *For 2-Way Valve Instead Of 3-Way, Deduct* | *-116.25* | |

### 23 82 19 00-0035 Removal And Reinstallation Of Fan Coil Units *(23 82 19)*

Note: Includes storage and cleaning. Excludes supports.

| | | | | |
|---|---|---|---|---|
| 23 82 19 00-0036 | EA | Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical | 493.89 | |

## 23 82 29 Radiators *(23 82)*

### 23 82 29 00-0001 Demolish Cast Iron Radiators *(23 82 29)*

| | | | | |
|---|---|---|---|---|
| 23 82 29 00-0002 | LF | Demolish Cast Iron Radiator | 34.84 | |
| 23 82 29 00-0003 | EA | Cap Radiator | 52.79 | |

### 23 82 29 00-0004 Cast Iron Radiator *(23 82 29)*

| | | | | |
|---|---|---|---|---|
| 23 82 29 00-0005 | EA | 19" High Cast Iron Radiator Section, Free Standing | 68.10 | |
| | | *For Wall Support Bracket, Add* | *28.80* | |
| 23 82 29 00-0006 | EA | 25" High Cast Iron Radiator Section, Free Standing | 99.16 | |
| | | *For Wall Support Bracket, Add* | *30.32* | |
| 23 82 29 00-0007 | EA | 30" High Cast Iron Radiator Section, Free Standing | 116.26 | |
| 23 82 29 00-0008 | EA | 36" High Cast Iron Radiator Section, Free Standing | 148.07 | |
| 23 82 29 00-0009 | EA | 20" High Cast Iron Radiator Section, Recessed With Grille | 92.85 | |

### 23 82 29 00-0010 Radiator Covers *(23 82 29)*

Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.

| | | | | |
|---|---|---|---|---|
| 23 82 29 00-0011 | SF | 14 Gauge Stainless Steel Radiator Cover | 116.01 | 5.56 |
| 23 82 29 00-0012 | SF | Primed And Painted, Galvanized Steel Radiator Cover | 72.31 | 5.56 |

### 23 82 29 00-0013 Radiator Shields *(23 82 29)*

| | | | | |
|---|---|---|---|---|
| 23 82 29 00-0014 | SF | Stainless Steel Radiator Shield | 74.83 | 5.56 |
| 23 82 29 00-0015 | SF | Primed And Painted, Galvanized Steel Radiator Shield | 46.57 | 5.56 |

### 23 82 29 00-0016 Removal And Reinstallation Of Radiator *(23 82 29)*

Note: Includes storage and cleaning.

| | | | | |
|---|---|---|---|---|
| 23 82 29 00-0017 | LF | Removal And Reinstallation Of Cast Iron Radiator | 87.12 | |
| 23 82 29 00-0018 | LF | Removal And Reinstallation Of Electric Radiator | 58.08 | |

## 23 82 33 Convectors *(23 82)*

### 23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System *(23 82 33)*

Note: Complete with 6-1/4" deep cabinet enclosure.

### 23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 33 00-0003 | EA | 20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 504.22 | 127.78 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *64.08* | |
| | | *For Snap-On Inlet Grille, Add* | *48.72* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *108.72* | |
| 23 82 33 00-0004 | EA | 20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 590.85 | 139.40 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *69.36* | |
| | | *For Snap-On Inlet Grille, Add* | *52.24* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *132.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 33 00-0005 | EA | 20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 681.12 | 164.95 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *80.91* | |
| | | *For Snap-On Inlet Grille, Add* | *59.94* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *151.00* | |
| 23 82 33 00-0006 | EA | 20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 813.93 | 191.66 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *93.11* | |
| | | *For Snap-On Inlet Grille, Add* | *68.08* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *183.24* | |
| 23 82 33 00-0007 | EA | 20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 971.02 | 230.00 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *110.53* | |
| | | *For Snap-On Inlet Grille, Add* | *79.68* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *217.91* | |
| 23 82 33 00-0008 | EA | 20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,090.72 | 253.00 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *120.97* | |
| | | *For Snap-On Inlet Grille, Add* | *86.64* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *247.63* | |
| 23 82 33 00-0009 | EA | 20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,271.04 | 306.66 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *145.35* | |
| | | *For Snap-On Inlet Grille, Add* | *102.90* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *282.29* | |
| 23 82 33 00-0010 | EA | 20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,384.99 | 325.83 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *154.06* | |
| | | *For Snap-On Inlet Grille, Add* | *108.71* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *312.01* | |
| 23 82 33 00-0011 | EA | 20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,513.77 | 364.17 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *171.47* | |
| | | *For Snap-On Inlet Grille, Add* | *120.31* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *336.77* | |
| 23 82 33 00-0012 | EA | 20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,670.95 | 402.50 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *188.91* | |
| | | *For Snap-On Inlet Grille, Add* | *131.94* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *371.43* | |
| 23 82 33 00-0013 | EA | 20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,799.74 | 440.83 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *206.33* | |
| | | *For Snap-On Inlet Grille, Add* | *143.55* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *396.20* | |

### 23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 33 00-0015 | EA | 26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 597.23 | 168.08 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *81.63* | |
| | | *For Snap-On Inlet Grille, Add* | *60.42* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *120.80* | |
| 23 82 33 00-0016 | EA | 26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 700.63 | 195.27 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *93.82* | |
| | | *For Snap-On Inlet Grille, Add* | *68.55* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *142.76* | |
| 23 82 33 00-0017 | EA | 26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 845.69 | 229.31 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *109.10* | |
| | | *For Snap-On Inlet Grille, Add* | *78.73* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *175.71* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 33 00-0018 | EA | 26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 987.58 | 255.68 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *120.94* | |
| | | *For Snap-On Inlet Grille, Add* | *86.62* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *211.56* | |
| 23 82 33 00-0019 | EA | 26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,149.68 | 287.50 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *135.26* | |
| | | *For Snap-On Inlet Grille, Add* | *96.17* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *251.59* | |
| 23 82 33 00-0020 | EA | 26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,283.73 | 311.43 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *146.07* | |
| | | *For Snap-On Inlet Grille, Add* | *103.38* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *285.89* | |
| 23 82 33 00-0021 | EA | 26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,464.05 | 354.87 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *165.86* | |
| | | *For Snap-On Inlet Grille, Add* | *116.57* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *325.92* | |
| 23 82 33 00-0022 | EA | 26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,594.21 | 376.60 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *175.50* | |
| | | *For Snap-On Inlet Grille, Add* | *123.00* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *360.23* | |
| 23 82 33 00-0023 | EA | 26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,726.17 | 410.63 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *190.58* | |
| | | *For Snap-On Inlet Grille, Add* | *133.05* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *388.82* | |
| 23 82 33 00-0024 | EA | 26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,891.33 | 443.97 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *205.82* | |
| | | *For Snap-On Inlet Grille, Add* | *143.21* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *428.84* | |
| 23 82 33 00-0025 | EA | 26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 2,018.72 | 474.52 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *219.53* | |
| | | *For Snap-On Inlet Grille, Add* | *152.35* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *457.43* | |

### 23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 33 00-0027 | EA | 32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 689.25 | 204.45 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *98.88* | |
| | | *For Snap-On Inlet Grille, Add* | *71.92* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *132.88* | |
| 23 82 33 00-0028 | EA | 32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 823.40 | 247.43 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *118.42* | |
| | | *For Snap-On Inlet Grille, Add* | *84.94* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *157.04* | |
| 23 82 33 00-0029 | EA | 32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 990.23 | 289.24 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *137.40* | |
| | | *For Snap-On Inlet Grille, Add* | *97.60* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *193.28* | |
| 23 82 33 00-0030 | EA | 32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,141.14 | 314.33 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *148.87* | |
| | | *For Snap-On Inlet Grille, Add* | *105.25* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *232.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 33 00-0031 | EA | 32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,304.87 | 339.65 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *160.25* | |
| | | *For Snap-On Inlet Grille, Add* | *112.83* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *276.75* | |
| 23 82 33 00-0032 | EA | 32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,450.09 | 364.17 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *171.47* | |
| | | *For Snap-On Inlet Grille, Add* | *120.31* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *314.48* | |
| 23 82 33 00-0033 | EA | 32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,622.59 | 394.83 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *185.48* | |
| | | *For Snap-On Inlet Grille, Add* | *129.66* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *358.51* | |
| 23 82 33 00-0034 | EA | 32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,768.99 | 420.15 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *197.06* | |
| | | *For Snap-On Inlet Grille, Add* | *137.37* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *396.25* | |
| 23 82 33 00-0035 | EA | 32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 1,900.66 | 448.50 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *209.60* | |
| | | *For Snap-On Inlet Grille, Add* | *145.73* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *427.70* | |
| 23 82 33 00-0036 | EA | 32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 2,068.20 | 475.33 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *222.13* | |
| | | *For Snap-On Inlet Grille, Add* | *154.08* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *471.72* | |
| 23 82 33 00-0037 | EA | 32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet | 2,192.32 | 498.33 |
| | | *For Knob Operated Damper, Add* | *15.00* | |
| | | *For Metal Trim Strips, Add* | *232.41* | |
| | | *For Snap-On Inlet Grille, Add* | *160.94* | |
| | | *For Access Doors Hinged, Add* | *15.00* | |
| | | *For Air Chamber, Auto-vent, Add* | *18.00* | |
| | | *For 3 Tubes System, Add* | *503.17* | |

### 23 82 33 00-0038 Electric Convectors, Floor Standing Units *(23 82 33)*

### 23 82 33 00-0039 4" Deep Electric Convectors *(23 82 33 00-0038)*

| | | | | |
|---|---|---|---|---|
| 23 82 33 00-0040 | EA | 38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units | 506.68 | 109.83 |
| 23 82 33 00-0041 | EA | 50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units | 558.11 | 109.83 |

### 23 82 33 00-0042 6" Deep Electric Convectors *(23 82 33 00-0038)*

| | | | | |
|---|---|---|---|---|
| 23 82 33 00-0043 | EA | 38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units | 581.85 | 109.83 |
| 23 82 33 00-0044 | EA | 50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units | 660.98 | 109.83 |
| 23 82 33 00-0045 | EA | 62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units | 730.22 | 109.83 |
| 23 82 33 00-0046 | EA | 74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units | 839.03 | 109.83 |

## 23 82 36 Finned-Tube Radiation Heaters *(23 82)*

### 23 82 36 00-0001 Electric Baseboard Heating *(23 82 36)*

Note: Includes 24 gauge steel enclosure and heating element

### 23 82 36 00-0002 Electric Wall Heating 10" Enclosure *(23 82 36 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 36 00-0003 | LF | Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT | 126.56 | 61.02 |
| 23 82 36 00-0004 | LF | Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT | 128.93 | 61.02 |

### 23 82 36 00-0005 Electric Wall Heating 16" Enclosure *(23 82 36 00-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 36 00-0006 | LF | Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT | 150.29 | 61.02 |
| 23 82 36 00-0007 | LF | Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT | 156.23 | 61.02 |

### 23 82 36 00-0008 Finned Tube Baseboard Units *(23 82 36)*

Note: Complete with steel enclosure. Single heating element.

### 23 82 36 00-0009 3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 36 00-0010 | EA | 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 339.96 | 45.31 |
| | | *For 90 Degree Corner, Add* | *53.83* | |
| | | *For Valve Enclosure, Add* | *53.83* | |
| | | *For Filler Piece, Add* | *46.83* | |
| | | *For End Cap, Add* | *36.49* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *6.64* | |
| 23 82 36 00-0011 | EA | 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 445.20 | 68.53 |
| | | *For 90 Degree Corner, Add* | *62.80* | |
| | | *For Valve Enclosure, Add* | *62.80* | |
| | | *For Filler Piece, Add* | *55.80* | |
| | | *For End Cap, Add* | *42.32* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *9.97* | |
| 23 82 36 00-0012 | EA | 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 531.99 | 90.60 |
| | | *For 90 Degree Corner, Add* | *68.08* | |
| | | *For Valve Enclosure, Add* | *68.08* | |
| | | *For Filler Piece, Add* | *61.08* | |
| | | *For End Cap, Add* | *45.75* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *13.29* | |
| 23 82 36 00-0013 | EA | 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 662.82 | 126.85 |
| | | *For 90 Degree Corner, Add* | *82.48* | |
| | | *For Valve Enclosure, Add* | *82.48* | |
| | | *For Filler Piece, Add* | *75.48* | |
| | | *For End Cap, Add* | *55.11* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *16.52* | |
| 23 82 36 00-0014 | EA | 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 793.20 | 152.40 |
| | | *For 90 Degree Corner, Add* | *97.12* | |
| | | *For Valve Enclosure, Add* | *97.12* | |
| | | *For Filler Piece, Add* | *90.12* | |
| | | *For End Cap, Add* | *64.63* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *19.67* | |
| 23 82 36 00-0015 | EA | 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 893.79 | 162.62 |
| | | *For 90 Degree Corner, Add* | *102.93* | |
| | | *For Valve Enclosure, Add* | *102.93* | |
| | | *For Filler Piece, Add* | *95.93* | |
| | | *For End Cap, Add* | *68.40* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *23.60* | |
| 23 82 36 00-0016 | EA | 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 985.50 | 179.70 |
| | | *For 90 Degree Corner, Add* | *112.69* | |
| | | *For Valve Enclosure, Add* | *112.69* | |
| | | *For Filler Piece, Add* | *105.69* | |
| | | *For End Cap, Add* | *74.75* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *25.96* | |
| 23 82 36 00-0017 | EA | 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 1,124.37 | 203.28 |
| | | *For 90 Degree Corner, Add* | *126.16* | |
| | | *For Valve Enclosure, Add* | *126.16* | |
| | | *For Filler Piece, Add* | *119.16* | |
| | | *For End Cap, Add* | *83.50* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *29.90* | |
| 23 82 36 00-0018 | EA | 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element | 1,239.74 | 223.61 |
| | | *For 90 Degree Corner, Add* | *137.79* | |
| | | *For Valve Enclosure, Add* | *137.79* | |
| | | *For Filler Piece, Add* | *130.79* | |
| | | *For End Cap, Add* | *91.06* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *33.04* | |

## 23 82 36 00-0019 1" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*

| | | | | |
|---|---|---|---|---|
| 23 82 36 00-0020 | EA | 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 391.74 | 45.31 |
| | | *For 90 Degree Corner, Add* | *53.83* | |
| | | *For Valve Enclosure, Add* | *53.83* | |
| | | *For Filler Piece, Add* | *46.83* | |
| | | *For End Cap, Add* | *36.49* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *9.49* | |
| 23 82 36 00-0021 | EA | 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 522.86 | 68.53 |
| | | *For 90 Degree Corner, Add* | *62.80* | |
| | | *For Valve Enclosure, Add* | *62.80* | |
| | | *For Filler Piece, Add* | *55.80* | |
| | | *For End Cap, Add* | *42.32* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *14.24* | |
| 23 82 36 00-0022 | EA | 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 635.54 | 90.60 |
| | | *For 90 Degree Corner, Add* | *68.08* | |
| | | *For Valve Enclosure, Add* | *68.08* | |
| | | *For Filler Piece, Add* | *61.08* | |
| | | *For End Cap, Add* | *45.75* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *18.98* | |
| 23 82 36 00-0023 | EA | 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 791.70 | 126.85 |
| | | *For 90 Degree Corner, Add* | *82.51* | |
| | | *For Valve Enclosure, Add* | *82.51* | |
| | | *For Filler Piece, Add* | *75.51* | |
| | | *For End Cap, Add* | *55.13* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *23.60* | |
| 23 82 36 00-0024 | EA | 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 946.27 | 152.40 |
| | | *For 90 Degree Corner, Add* | *97.08* | |
| | | *For Valve Enclosure, Add* | *97.08* | |
| | | *For Filler Piece, Add* | *90.08* | |
| | | *For End Cap, Add* | *64.60* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *28.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 36 00-0025 | EA | 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 1,077.72 | 162.62 |
| | | *For 90 Degree Corner, Add* | *102.93* | |
| | | *For Valve Enclosure, Add* | *102.93* | |
| | | *For Filler Piece, Add* | *95.93* | |
| | | *For End Cap, Add* | *68.40* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *33.72* | |
| 23 82 36 00-0026 | EA | 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 1,187.45 | 179.70 |
| | | *For 90 Degree Corner, Add* | *112.62* | |
| | | *For Valve Enclosure, Add* | *112.62* | |
| | | *For Filler Piece, Add* | *105.62* | |
| | | *For End Cap, Add* | *74.70* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *37.09* | |
| 23 82 36 00-0027 | EA | 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 1,357.35 | 203.28 |
| | | *For 90 Degree Corner, Add* | *126.16* | |
| | | *For Valve Enclosure, Add* | *126.16* | |
| | | *For Filler Piece, Add* | *119.16* | |
| | | *For End Cap, Add* | *83.50* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *42.71* | |
| 23 82 36 00-0028 | EA | 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element | 1,496.54 | 223.61 |
| | | *For 90 Degree Corner, Add* | *137.65* | |
| | | *For Valve Enclosure, Add* | *137.65* | |
| | | *For Filler Piece, Add* | *130.65* | |
| | | *For End Cap, Add* | *90.97* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *47.21* | |
| 23 82 36 00-0029 | | 1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)* | | |
| 23 82 36 00-0030 | EA | 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 443.51 | 45.31 |
| | | *For 90 Degree Corner, Add* | *53.83* | |
| | | *For Valve Enclosure, Add* | *53.83* | |
| | | *For Filler Piece, Add* | *46.83* | |
| | | *For End Cap, Add* | *36.49* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *12.34* | |
| 23 82 36 00-0031 | EA | 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 600.52 | 68.53 |
| | | *For 90 Degree Corner, Add* | *62.80* | |
| | | *For Valve Enclosure, Add* | *62.80* | |
| | | *For Filler Piece, Add* | *55.80* | |
| | | *For End Cap, Add* | *42.32* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *18.51* | |
| 23 82 36 00-0032 | EA | 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 739.08 | 90.60 |
| | | *For 90 Degree Corner, Add* | *68.08* | |
| | | *For Valve Enclosure, Add* | *68.08* | |
| | | *For Filler Piece, Add* | *61.08* | |
| | | *For End Cap, Add* | *45.75* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *24.68* | |
| 23 82 36 00-0033 | EA | 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 920.44 | 126.85 |
| | | *For 90 Degree Corner, Add* | *82.51* | |
| | | *For Valve Enclosure, Add* | *82.51* | |
| | | *For Filler Piece, Add* | *75.51* | |
| | | *For End Cap, Add* | *55.13* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *30.68* | |
| 23 82 36 00-0034 | EA | 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 1,099.53 | 152.40 |
| | | *For 90 Degree Corner, Add* | *97.08* | |
| | | *For Valve Enclosure, Add* | *97.08* | |
| | | *For Filler Piece, Add* | *90.08* | |
| | | *For End Cap, Add* | *64.60* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *36.53* | |
| 23 82 36 00-0035 | EA | 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 1,261.63 | 162.62 |
| | | *For 90 Degree Corner, Add* | *102.93* | |
| | | *For Valve Enclosure, Add* | *102.93* | |
| | | *For Filler Piece, Add* | *95.93* | |
| | | *For End Cap, Add* | *68.40* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *43.83* | |
| 23 82 36 00-0036 | EA | 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 1,389.76 | 179.70 |
| | | *For 90 Degree Corner, Add* | *112.62* | |
| | | *For Valve Enclosure, Add* | *112.62* | |
| | | *For Filler Piece, Add* | *105.62* | |
| | | *For End Cap, Add* | *74.70* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *48.22* | |
| 23 82 36 00-0037 | EA | 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 1,590.31 | 203.28 |
| | | *For 90 Degree Corner, Add* | *126.16* | |
| | | *For Valve Enclosure, Add* | *126.16* | |
| | | *For Filler Piece, Add* | *119.16* | |
| | | *For End Cap, Add* | *83.50* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *55.52* | |
| 23 82 36 00-0038 | EA | 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element | 1,754.03 | 223.61 |
| | | *For 90 Degree Corner, Add* | *137.65* | |
| | | *For Valve Enclosure, Add* | *137.65* | |
| | | *For Filler Piece, Add* | *130.65* | |
| | | *For End Cap, Add* | *90.97* | |
| | | *For Copper Tube With Aluminum Fins, Add* | *61.37* | |

## 23 82 39 Unit Heaters *(23 82)*

### 23 82 39 13 Cabinet Unit Heaters *(23 82 39)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 39 13-0001 | | **Electric Cabinet Unit Heaters** *(23 82 39 13)*<br>Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt. | | |
| 23 82 39 13-0002 | | **Electric Cabinet Unit Heaters, 35" Cabinet Length** *(23 82 39 13-0001)* | | |
| 23 82 39 13-0003 | EA | 2 KW, 250 CFM, 35" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,439.71 | 138.68 |
| 23 82 39 13-0004 | EA | 3 KW, 250 CFM, 35" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,458.68 | 138.68 |
| 23 82 39 13-0005 | EA | 4 KW, 250 CFM, 35" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,477.66 | 138.68 |
| 23 82 39 13-0006 | EA | 5 KW, 250 CFM, 35" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,496.63 | 138.68 |
| 23 82 39 13-0007 | EA | 6 KW, 250 CFM, 35" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,515.60 | 138.68 |
| 23 82 39 13-0008 | EA | 7 KW, 250 CFM, 35" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,534.58 | 138.68 |
| 23 82 39 13-0009 | EA | 8 KW, 250 CFM, 35" Electric Cabinet Unit Heater | 2,554.32 | 138.68 |
| 23 82 39 13-0010 | EA | For Ceiling Installation of 35" Cabinet Unit Heater, Add | 185.27 | 92.09 |
| 23 82 39 13-0011 | | **Electric Cabinet Unit Heaters, 45" Cabinet Length** *(23 82 39 13-0001)* | | |
| 23 82 39 13-0012 | EA | 4 KW, 500 CFM, 45" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,597.65 | 166.41 |
| 23 82 39 13-0013 | EA | 6 KW, 500 CFM, 45" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,635.60 | 166.41 |
| 23 82 39 13-0014 | EA | 8 KW, 500 CFM, 45" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,673.54 | 166.41 |
| 23 82 39 13-0015 | EA | 10 KW, 500 CFM, 45" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,711.50 | 166.41 |
| 23 82 39 13-0016 | EA | 12 KW, 500 CFM, 45" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,749.44 | 166.41 |
| 23 82 39 13-0017 | EA | 14 KW, 500 CFM, 45" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,787.40 | 166.41 |
| 23 82 39 13-0018 | EA | 16 KW, 500 CFM, 45" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 2,825.34 | 166.41 |
| 23 82 39 13-0019 | EA | For Ceiling Installation of 45" Cabinet Unit Heater, Add | 221.89 | 110.95 |
| 23 82 39 13-0020 | | **Electric Cabinet Unit Heaters, 58" Cabinet Length** *(23 82 39 13-0001)* | | |
| 23 82 39 13-0021 | EA | 6 KW, 750 CFM, 58" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,264.92 | 221.89 |
| 23 82 39 13-0022 | EA | 8 KW, 750 CFM, 58" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,302.86 | 221.89 |
| 23 82 39 13-0023 | EA | 10 KW, 750 CFM, 58" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,340.82 | 221.89 |
| 23 82 39 13-0024 | EA | 12 KW, 750 CFM, 58" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,378.76 | 221.89 |
| 23 82 39 13-0025 | EA | 14 KW, 750 CFM, 58" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,416.71 | 221.89 |
| 23 82 39 13-0026 | EA | 16 KW, 750 CFM, 58" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,454.66 | 221.89 |
| 23 82 39 13-0027 | EA | For Ceiling Installation of 58" Cabinet Unit Heater, Add | 277.36 | 138.68 |
| 23 82 39 13-0028 | | **Electric Cabinet Unit Heaters, 68" Cabinet Length** *(23 82 39 13-0001)* | | |
| 23 82 39 13-0029 | EA | 6 KW, 750 CFM, 68" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,856.31 | 277.36 |
| 23 82 39 13-0030 | EA | 9 KW, 750 CFM, 68" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,913.23 | 277.36 |
| 23 82 39 13-0031 | EA | 12 KW, 750 CFM, 68" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 3,970.15 | 277.36 |
| 23 82 39 13-0032 | EA | 15 KW, 750 CFM, 68" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,027.07 | 277.36 |
| 23 82 39 13-0033 | EA | 18 KW, 750 CFM, 68" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,084.01 | 277.36 |
| 23 82 39 13-0034 | EA | 21 KW, 750 CFM, 68" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,140.93 | 277.36 |
| 23 82 39 13-0035 | EA | 24 KW, 750 CFM, 68" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,197.85 | 277.36 |
| 23 82 39 13-0036 | EA | For Ceiling Installation of 68" Cabinet Unit Heater, Add | 370.55 | 185.27 |
| 23 82 39 13-0037 | | **Electric Cabinet Unit Heaters, 78" Cabinet Length** *(23 82 39 13-0001)* | | |
| 23 82 39 13-0038 | EA | 8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,523.58 | 332.84 |
| 23 82 39 13-0039 | EA | 12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,599.48 | 332.84 |
| 23 82 39 13-0040 | EA | 16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,675.38 | 332.84 |
| 23 82 39 13-0041 | EA | 20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,751.28 | 332.84 |
| 23 82 39 13-0042 | EA | 24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,827.17 | 332.84 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 39 13-0043 | EA | 28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,903.07 | 332.84 |
| 23 82 39 13-0044 | EA | 32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater<br>Note: Wall or floor mounted. | 4,978.97 | 332.84 |
| 23 82 39 13-0045 | EA | For Ceiling Installation of 78" Cabinet Unit Heater, Add | 443.77 | 221.89 |

### 23 82 39 13-0046 Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

| | | | | |
|---|---|---|---|---|
| 23 82 39 13-0047 | EA | Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall | 319.44 | |
| 23 82 39 13-0048 | EA | Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall | 551.78 | |
| 23 82 39 13-0049 | EA | Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling | 658.64 | |
| 23 82 39 13-0050 | EA | Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling | 890.96 | |

## 23 82 39 16 Propeller Unit Heaters *(23 82 39)*

### 23 82 39 16-0001 Hydronic Unit Heaters Using Steam Or Hot Water *(23 82 39 16)*

Note: For use with either steam or heating hot water. Heating output capacities for both are listed.

### 23 82 39 16-0002 Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 39 16-0003 | EA | 18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 837.15 | 116.16 |
| 23 82 39 16-0004 | EA | 24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 838.80 | 116.16 |
| 23 82 39 16-0005 | EA | 36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 933.63 | 116.16 |
| 23 82 39 16-0006 | EA | 48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,148.49 | 174.24 |
| 23 82 39 16-0007 | EA | 60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,197.00 | 174.24 |
| 23 82 39 16-0008 | EA | 72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,269.25 | 174.24 |
| 23 82 39 16-0009 | EA | 84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,527.63 | 232.33 |
| 23 82 39 16-0010 | EA | 96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,673.19 | 232.33 |
| 23 82 39 16-0011 | EA | 108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,765.81 | 232.33 |
| 23 82 39 16-0012 | EA | 120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 1,840.79 | 232.33 |
| 23 82 39 16-0013 | EA | 132 MBH Steam, 95.8 MBH Hot Water, 2.000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,082.65 | 290.41 |
| 23 82 39 16-0014 | EA | 144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,108.02 | 290.41 |
| 23 82 39 16-0015 | EA | 156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,132.28 | 290.41 |
| 23 82 39 16-0016 | EA | 180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,278.15 | 348.49 |
| 23 82 39 16-0017 | EA | 204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,467.81 | 348.49 |
| 23 82 39 16-0018 | EA | 240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 2,816.81 | 406.57 |
| 23 82 39 16-0019 | EA | 280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 3,503.76 | 406.57 |
| 23 82 39 16-0020 | EA | 300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 3,732.30 | 464.65 |
| 23 82 39 16-0021 | EA | 360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt | 4,438.01 | 464.65 |
| 23 82 39 16-0022 | EA | Fan Guard For Fan Propelled Steam Unit Heater, Horizontal<br>Note: Required only for unit heaters located within 7' of a working surface. | 226.22 | 29.04 |

### 23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

| | | | | |
|---|---|---|---|---|
| 23 82 39 16-0024 | EA | 41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 1,213.56 | 116.16 |
| 23 82 39 16-0025 | EA | 65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 1,265.93 | 174.24 |
| 23 82 39 16-0026 | EA | 80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 1,361.32 | 174.24 |
| 23 82 39 16-0027 | EA | 101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 1,676.50 | 232.33 |
| 23 82 39 16-0028 | EA | 124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 1,770.22 | 232.33 |
| 23 82 39 16-0029 | EA | 152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 2,108.34 | 348.49 |
| 23 82 39 16-0030 | EA | 173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 2,251.69 | 348.49 |
| 23 82 39 16-0031 | EA | 210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 2,371.89 | 348.49 |
| 23 82 39 16-0032 | EA | 249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 2,652.50 | 406.57 |
| 23 82 39 16-0033 | EA | 283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 2,794.75 | 406.57 |
| 23 82 39 16-0034 | EA | 333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 3,082.54 | 406.57 |
| 23 82 39 16-0035 | EA | 386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 3,577.20 | 522.72 |
| 23 82 39 16-0036 | EA | 496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 4,534.32 | 522.72 |
| 23 82 39 16-0037 | EA | 585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 4,827.64 | 522.72 |
| 23 82 39 16-0038 | EA | 705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt | 5,492.94 | 580.80 |
| 23 82 39 16-0039 | EA | Fan Guard For Fan Propelled Steam Unit Heater, Vertical<br>Note: Required only for unit heaters located within 7' of a working surface. | 307.82 | 29.04 |

### 23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

| | | | | |
|---|---|---|---|---|
| 23 82 39 16-0041 | EA | Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical | 696.97 | |
| 23 82 39 16-0042 | EA | Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical | 929.29 | |

## 23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

### 23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

| | | | | |
|---|---|---|---|---|
| 23 82 39 19-0002 | EA | 3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt | 728.41 | 110.95 |
| 23 82 39 19-0003 | EA | 5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt | 728.41 | 110.95 |
| 23 82 39 19-0004 | EA | 7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt | 974.56 | 138.68 |
| 23 82 39 19-0005 | EA | 10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt | 1,119.59 | 166.41 |
| 23 82 39 19-0006 | EA | 15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt | 1,628.48 | 221.89 |
| 23 82 39 19-0007 | EA | 20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt | 2,360.87 | 277.36 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 82 39 19-0008 | EA | 30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt | 3,246.32 | 332.84 |
| 23 82 39 19-0009 | EA | 50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt | 4,721.14 | 388.30 |
| 23 82 39 19-0010 | EA | 3 KW, 350 CFM Electric Unit Heater - 480 Volt | 893.07 | 110.95 |
| 23 82 39 19-0011 | EA | 5 KW, 350 CFM Electric Unit Heater - 480 Volt | 860.93 | 110.95 |
| 23 82 39 19-0012 | EA | 7.5 KW, 650 CFM Electric Unit Heater - 480 Volt | 1,021.63 | 138.68 |
| 23 82 39 19-0013 | EA | 10 KW, 650 CFM Electric Unit Heater - 480 Volt | 1,180.81 | 166.41 |
| 23 82 39 19-0014 | EA | 15 KW, 910 CFM Electric Unit Heater - 480 Volt | 1,750.93 | 221.89 |
| 23 82 39 19-0015 | | **Electric Ceiling and Wall Heaters** *(23 82 39 19)* | | |
| | | Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt. | | |
| 23 82 39 19-0016 | EA | 1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater | 366.06 | 69.34 |
| 23 82 39 19-0017 | EA | 1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater | 428.28 | 77.66 |
| 23 82 39 19-0018 | EA | 3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater | 669.43 | 77.66 |
| 23 82 39 19-0019 | EA | 1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater | 415.59 | 69.34 |
| 23 82 39 19-0020 | EA | 1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater | 506.44 | 77.66 |
| 23 82 39 19-0021 | EA | 3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater | 761.25 | 77.66 |
| 23 82 39 19-0022 | EA | 1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater | 546.58 | 91.53 |
| 23 82 39 19-0023 | EA | 3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater | 1,018.20 | 97.07 |
| 23 82 39 19-0024 | EA | 4,800/3,600 Watt Recessed Electric Ceiling Heater | 1,145.65 | 97.07 |
| 23 82 39 19-0025 | EA | 4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater | 1,329.77 | 102.63 |
| 23 82 39 19-0026 | EA | 5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater | 1,441.67 | 102.63 |
| 23 82 39 19-0027 | EA | 1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater | 612.78 | 91.53 |
| 23 82 39 19-0028 | EA | 3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater | 1,122.48 | 97.07 |
| 23 82 39 19-0029 | EA | 4,800/3,600 Watt Surface Mounted Electric Ceiling Heater | 1,249.92 | 97.07 |
| 23 82 39 19-0030 | EA | Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB) | 578.71 | 69.34 |
| 23 82 39 19-0031 | | **Removal And Reinstallation Of Electric Unit Heaters** *(23 82 39 19)* | | |
| | | Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports. | | |
| 23 82 39 19-0032 | EA | Removal And Reinstallation Of Up To 15KW Electric Unit Heater | 418.21 | |
| 23 82 39 19-0033 | EA | Removal And Reinstallation Of >15 KW Electric Unit Heater | 859.69 | |

## 23 83 Radiant Heating Units *(23 80)*

### 23 83 13 Radiant-Heating Electric Cables *(23 83)*

### 23 83 13 13 Radiant-Heating Electric Cables *(23 83 13)*

| | | | | |
|---|---|---|---|---|
| 23 83 13 13-0001 | | **Self Regulating Heating Cable** *(23 83 13 13)* | | |
| 23 83 13 13-0002 | LF | 3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable<br>Note: Tinned copper braid, at 50 Degrees F. | 8.44 | 0.77 |
| 23 83 13 13-0003 | LF | 5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable<br>Note: Tinned copper braid, at 50 degrees F. | 9.01 | 0.77 |
| 23 83 13 13-0004 | LF | 8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable<br>Note: Tinned copper braid, at 50 degrees F. | 9.41 | 0.77 |
| 23 83 13 13-0005 | LF | 3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable<br>Note: Tinned copper braid, at 50 degrees F. | 8.44 | 0.77 |
| 23 83 13 13-0006 | LF | 5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable<br>Note: Tinned copper braid, at 50 degrees F | 9.98 | 0.77 |
| 23 83 13 13-0007 | LF | 8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable<br>Note: Tinned copper braid, at 50 degrees F. | 10.54 | 0.77 |
| 23 83 13 13-0008 | LF | 3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions<br>Note: Tinned copper braid, at 50 Degrees F. | 10.53 | 0.77 |
| 23 83 13 13-0009 | LF | 5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions<br>Note: Tinned copper braid, at 50 degrees F. | 10.80 | 0.77 |
| 23 83 13 13-0010 | LF | 8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions<br>Note: Tinned copper braid, at 50 degrees F. | 11.06 | 0.77 |
| 23 83 13 13-0011 | LF | 3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions<br>Note: Tinned copper braid, at 50 degrees F. | 10.53 | 0.77 |
| 23 83 13 13-0012 | LF | 5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions<br>Note: Tinned copper braid, at 50 degrees F | 10.80 | 0.77 |
| 23 83 13 13-0013 | LF | 8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions<br>Note: Tinned copper braid, at 50 degrees F. | 11.06 | 0.77 |
| 23 83 13 13-0014 | LF | 3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments<br>Note: Tinned copper braid, at 50 Degrees F. | 13.16 | 0.77 |
| 23 83 13 13-0015 | LF | 5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments<br>Note: Tinned copper braid, at 50 degrees F. | 13.68 | 0.77 |
| 23 83 13 13-0016 | LF | 8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments<br>Note: Tinned copper braid, at 50 degrees F. | 13.95 | 0.77 |
| 23 83 13 13-0017 | LF | 3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments<br>Note: Tinned copper braid, at 50 degrees F. | 13.16 | 0.77 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 23 83 13 13-0018 | LF | 5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments | 13.68 | 0.77 |
| | | Note: Tinned copper braid, at 50 degrees F | | |
| 23 83 13 13-0019 | LF | 8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments | 13.95 | 0.77 |
| | | Note: Tinned copper braid, at 50 degrees F. | | |
| 23 83 13 13-0020 | EA | Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable | 287.51 | 60.61 |
| 23 83 13 13-0021 | EA | Splice And Tee Kit For Self Regulating Low Temperature Heating Cable | 287.51 | 60.61 |
| 23 83 13 13-0022 | EA | End Seal Kit For Self Regulating Low Temperature Heating Cable | 188.33 | 11.02 |
| 23 83 13 13-0023 | EA | Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable | 510.60 | 27.55 |
| 23 83 13 13-0024 | EA | Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable | 562.35 | 27.55 |

## 23 84 Humidity Control Equipment *(23 80)*

### 23 84 13 Humidifiers *(23 84)*

### 23 84 13 16 Wetted-Element Humidifiers *(23 84 13)*

#### 23 84 13 16-0001 Electric Steam Humidifiers, Self-Steam Producing *(23 84 13 16)*

Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.

| | | | | |
|---|---|---|---|---|
| 23 84 13 16-0002 | EA | 1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold | 11,419.58 | 478.59 |
| 23 84 13 16-0003 | EA | 20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold | 14,463.31 | 479.74 |

### 23 84 13 23 Direct-Steam-Injection Humidifiers *(23 84 13)*

#### 23 84 13 23-0001 Steam Type Pneumatically Controlled *(23 84 13 23)*

Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.

| | | | | |
|---|---|---|---|---|
| 23 84 13 23-0002 | EA | 3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls | 1,873.20 | 306.66 |
| | | *For Electrically Controlled Unit, Add* | *700.00* | |
| | | *For Each Additional Manifold, Add* | *577.45* | |
| 23 84 13 23-0003 | EA | 3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls | 1,873.20 | 306.66 |
| | | *For Electrically Controlled Unit, Add* | *700.00* | |
| | | *For Each Additional Manifold, Add* | *577.45* | |
| 23 84 13 23-0004 | EA | 65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls | 2,674.01 | 306.66 |
| | | *For Electrically Controlled Unit, Add* | *700.00* | |
| | | *For Each Additional Manifold, Add* | *817.69* | |
| 23 84 13 23-0005 | EA | 65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls | 2,790.16 | 383.33 |
| | | *For Electrically Controlled Unit, Add* | *700.00* | |
| | | *For Each Additional Manifold, Add* | *856.41* | |
| 23 84 13 23-0006 | EA | 100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls | 3,990.77 | 306.66 |
| | | *For Electrically Controlled Unit, Add* | *700.00* | |
| | | *For Each Additional Manifold, Add* | *1,212.72* | |
| 23 84 13 23-0007 | EA | 100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls | 4,106.92 | 383.33 |
| | | *For Electrically Controlled Unit, Add* | *700.00* | |
| | | *For Each Additional Manifold, Add* | *1,251.44* | |
| 23 84 13 23-0008 | EA | 220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls | 6,164.35 | 383.33 |
| | | *For Electrically Controlled Unit, Add* | *700.00* | |
| | | *For Each Additional Manifold, Add* | *1,868.66* | |
| 23 84 13 23-0009 | EA | 220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls | 6,309.56 | 479.74 |
| | | *For Electrically Controlled Unit, Add* | *700.00* | |
| | | *For Each Additional Manifold, Add* | *1,917.07* | |

### 23 84 13 29 Self-Contained Steam Humidifiers *(23 84 13)*

#### 23 84 13 29-0001 Residential Humidifiers *(23 84 13 29)*

Note: Includes solenoid valve and flow through water supply.

| | | | | |
|---|---|---|---|---|
| 23 84 13 29-0002 | EA | Duct Or Furnace Mounted Humidifier, Residential Type | 548.86 | 58.08 |

### 23 84 16 Mechanical Dehumidification Units *(23 84)*

### 23 84 16 16 Indoor, Mechanical Dehumidification Units *(23 84 16)*

#### 23 84 16 16-0001 Mechanical Dehumidification Units *(23 84 16 16)*

Note: Sized by moisture removal per 24 hours.

| | | | | |
|---|---|---|---|---|
| 23 84 16 16-0002 | EA | 65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier | 2,022.65 | 55.47 |
| 23 84 16 16-0003 | EA | 90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier | 2,545.15 | 64.71 |
| 23 84 16 16-0004 | EA | 120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier | 3,412.54 | 73.96 |

### 23 84 16 33 Portable Dehumidifiers *(23 84 16)*

#### 23 84 16 33-0001 Self Contained Free Standing Unit *(23 84 16 33)*

Note: Sized by moisture removal per 24 hours.

| | | | | |
|---|---|---|---|---|
| 23 84 16 33-0002 | EA | 30 Pint/24 Hour Dehumidifier | 460.99 | 120.07 |
| 23 84 16 33-0003 | EA | 50 Pint/24 Hour Dehumidifier | 554.53 | 120.07 |
| 23 84 16 33-0004 | EA | 70 Pint/24 Hour Dehumidifier | 610.66 | 120.07 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

**END OF SECTION 23**

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels.

## 26 01 Operation and Maintenance of Electrical Systems *(26)*

### 26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution *(26 01)*

#### 26 01 10 91 Medium-Voltage Electrical Distribution Restoration *(26 01 10)*

##### 26 01 10 91-0001 Retrofit Distribution Enclosures *(26 01 10 91)*

Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

| | | | | |
|---|---|---|---|---|
| 26 01 10 91-0002 | EA | 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) | 479.59 | |
| | | Note: 2mm thick, aluminum frame, hinged cover. | | |
| | | *For Up To 20, Add* | *102.60* | |
| | | *For >20 To 50, Add* | *82.08* | |
| | | *For >50 To 100, Add* | *41.04* | |
| 26 01 10 91-0003 | EA | 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) | 626.67 | |
| | | Note: 2mm thick, aluminum frame, hinged cover. | | |
| | | *For Up To 20, Add* | *139.37* | |
| | | *For >20 To 50, Add* | *111.49* | |
| | | *For >50 To 100, Add* | *55.75* | |
| 26 01 10 91-0004 | EA | 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) | 950.27 | |
| | | Note: 4mm thick, aluminum frame, hinged cover. | | |
| | | *For Up To 20, Add* | *220.27* | |
| | | *For >20 To 50, Add* | *176.21* | |
| | | *For >50 To 100, Add* | *88.11* | |
| 26 01 10 91-0005 | EA | 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO) | 475.39 | |
| | | Note: 2mm thick, aluminum frame, twist cover. | | |
| | | *For Up To 20, Add* | *101.55* | |
| | | *For >20 To 50, Add* | *81.24* | |
| | | *For >50 To 100, Add* | *40.62* | |
| 26 01 10 91-0006 | EA | 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) | 477.98 | |
| | | Note: 2mm thick, aluminum frame, twist cover. | | |
| | | *For Up To 20, Add* | *102.19* | |
| | | *For >20 To 50, Add* | *81.75* | |
| | | *For >50 To 100, Add* | *40.88* | |
| 26 01 10 91-0007 | EA | 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) | 614.69 | |
| | | Note: 2mm thick, aluminum frame, twist cover. | | |
| | | *For Up To 20, Add* | *136.37* | |
| | | *For >20 To 50, Add* | *109.10* | |
| | | *For >50 To 100, Add* | *54.55* | |
| 26 01 10 91-0008 | EA | 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) | 923.67 | |
| | | Note: 4mm thick, aluminum frame, twist cover. | | |
| | | *For Up To 20, Add* | *213.62* | |
| | | *For >20 To 50, Add* | *170.89* | |
| | | *For >50 To 100, Add* | *85.45* | |
| 26 01 10 91-0009 | EA | 2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) | 373.68 | |
| | | Note: 0.25mm thick, composite frame, metal grille reinforced polymer. | | |
| | | *For Up To 20, Add* | *76.12* | |
| | | *For >20 To 50, Add* | *60.89* | |
| | | *For >50 To 100, Add* | *30.45* | |
| 26 01 10 91-0010 | EA | 3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) | 532.54 | |
| | | Note: 0.25mm thick, composite frame, metal grille reinforced polymer. | | |
| | | *For Up To 20, Add* | *115.83* | |
| | | *For >20 To 50, Add* | *92.67* | |
| | | *For >50 To 100, Add* | *46.33* | |
| 26 01 10 91-0011 | EA | 4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) | 764.20 | |
| | | Note: 0.25mm thick, composite frame, metal grille reinforced polymer. | | |
| | | *For Up To 20, Add* | *173.75* | |
| | | *For >20 To 50, Add* | *139.00* | |
| | | *For >50 To 100, Add* | *69.50* | |
| 26 01 10 91-0012 | EA | 2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) | 695.46 | |
| | | Note: 4mm thick, aluminum frame, magnetic cover. | | |
| | | *For Up To 20, Add* | *156.56* | |
| | | *For >20 To 50, Add* | *125.25* | |
| | | *For >50 To 100, Add* | *62.63* | |
| 26 01 10 91-0013 | EA | 3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) | 961.24 | |
| | | Note: 4mm thick, aluminum frame, magnetic cover. | | |
| | | *For Up To 20, Add* | *223.01* | |
| | | *For >20 To 50, Add* | *178.41* | |
| | | *For >50 To 100, Add* | *89.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 10 91-0014 | EA | 4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) | 1,773.00 | |
| | | Note: 4mm thick, aluminum frame, magnetic cover. | | |
| | | *For Up To 20, Add* | *425.95* | |
| | | *For >20 To 50, Add* | *340.76* | |
| | | *For >50 To 100, Add* | *170.38* | |
| 26 01 10 91-0015 | EA | 3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) | 801.10 | |
| | | Note: 4mm thick, aluminum frame, magnetic cover. | | |
| | | *For Up To 20, Add* | *182.97* | |
| | | *For >20 To 50, Add* | *146.38* | |
| | | *For >50 To 100, Add* | *73.19* | |
| 26 01 10 91-0016 | EA | 4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) | 1,185.93 | |
| | | Note: 4mm thick, aluminum frame, magnetic cover. | | |
| | | *For Up To 20, Add* | *279.18* | |
| | | *For >20 To 50, Add* | *223.34* | |
| | | *For >50 To 100, Add* | *111.67* | |

## 26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

### 26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

#### 26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*

Note: Includes the installation and removal of device lock, pad lock and identifying markers. Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

| | | | |
|---|---|---|---|
| 26 01 20 91-0002 | EA | Lock Out/Tag Out Local Disconnect | 39.67 |
| | | Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s). | |
| 26 01 20 91-0003 | EA | Lock Out/Tag Out Breaker Or Motor Starter | 39.67 |
| | | Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s). | |
| 26 01 20 91-0004 | EA | Lock Out/Tag Out Padlock Device | 11.02 |
| 26 01 20 91-0005 | EA | Lock Out/Tag Out Tags | 3.29 |

#### 26 01 20 91-0006 Existing Circuit Tracing *(26 01 20 91)*

| | | | |
|---|---|---|---|
| 26 01 20 91-0007 | EA | Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device | 22.92 |
| 26 01 20 91-0008 | EA | Lighting, Existing Circuit Tracing Per Circuit | 22.92 |

## 26 01 50 Operation and Maintenance of Lighting *(26 01)*

### 26 01 50 51 Luminaire Relamping *(26 01 50)*

#### 26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*

Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0374 for disposal of hazardous lamps.

#### 26 01 50 51-0002 Halogen Lamps *(26 01 50 51-0001)*

| | | | |
|---|---|---|---|
| 26 01 50 51-0003 | EA | 300 Watt, T3, Tungsten Halogen Lamp | 42.17 |
| 26 01 50 51-0004 | EA | 500 Watt, T3, Tungsten Halogen Lamp | 53.77 |
| 26 01 50 51-0005 | EA | 1,000 Watt, T3, Tungsten Halogen Lamp | 79.42 |
| 26 01 50 51-0006 | EA | 90 Watt, PAR38, Halogen Lamp | 21.01 |
| 26 01 50 51-0007 | EA | 60 Watt, PAR38, Halogen Lamp | 22.04 |
| 26 01 50 51-0008 | EA | 75 Watt, PAR38, Halogen Lamp | 22.04 |
| 26 01 50 51-0009 | EA | 100 Watt, PAR38, Halogen Lamp | 21.01 |
| 26 01 50 51-0010 | EA | 60 Watt, PAR38, Halogen IR Reflective Lamp | 45.29 |
| 26 01 50 51-0011 | EA | 67 Watt, PAR38, Halogen IR Reflective Lamp | 50.56 |
| 26 01 50 51-0012 | EA | 70 Watt, PAR38, Halogen IR Reflective Lamp | 49.20 |
| 26 01 50 51-0013 | EA | 90 Watt, PAR38, Halogen IR Reflective Lamp | 53.23 |
| 26 01 50 51-0014 | EA | 100 Watt, PAR38, Halogen IR Reflective Lamp | 54.09 |

#### 26 01 50 51-0015 Incandescent Lamps *(26 01 50 51-0001)*

| | | | |
|---|---|---|---|
| 26 01 50 51-0016 | EA | 100 Watt, Frosted, Interior Incandescent Lamp | 6.16 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-1.82* |
| 26 01 50 51-0017 | EA | 150 Watt, Frosted, Interior Incandescent Lamp | 7.47 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-1.82* |
| 26 01 50 51-0018 | EA | 200 Watt, Frosted, Interior Incandescent Lamp | 8.94 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-1.82* |
| 26 01 50 51-0019 | EA | 300 Watt, PS25, Interior Incandescent Lamp | 10.79 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-1.82* |
| 26 01 50 51-0020 | EA | 60 Watt, G25, Clear, Interior Incandescent Lamp | 8.30 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-1.82* |
| 26 01 50 51-0021 | EA | 75 Watt, R20, Interior Incandescent Lamp | 12.82 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.19* |
| 26 01 50 51-0022 | EA | 75 Watt, PAR38, Exterior Incandescent Lamp | 15.41 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.19* |
| 26 01 50 51-0023 | EA | 100 Watt, PAR38, Exterior Incandescent Lamp | 14.38 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.19* |
| 26 01 50 51-0024 | EA | 150 Watt, PAR38, Exterior Incandescent Lamp | 24.20 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.19* |
| 26 01 50 51-0025 | EA | 250 Watt, PAR38, Exterior Incandescent Lamp | 49.09 |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.55* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 51-0026 | EA | 300 Watt, PAR56, Exterior Incandescent Lamp | 56.30 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.55* | |

## 26 01 50 51-0027 Exit Light Lamps *(26 01 50 51-0001)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0028 | EA | Convert Exit Light Lamps To Red LED Lamps | 101.43 | |
| | | *For Green LED Lamps, Add* | *25.00* | |
| 26 01 50 51-0029 | EA | Fluorescent Lamp For Exit Light | 28.60 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-7.29* | |
| 26 01 50 51-0030 | EA | Lamp Replacement For Emergency Lights On Exit Sign | 34.56 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.65* | |

## 26 01 50 51-0031 Fluorescent Lamps *(26 01 50 51-0001)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0032 | EA | 18", 15 Watt, T8 Fluorescent Lamp | 11.51 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0033 | EA | 2', 17 Watt, T8 Fluorescent Lamp | 13.83 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0034 | EA | 3', 25 Watt, T8 Fluorescent Lamp | 15.88 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0035 | EA | 4', 32 Watt, T8 Fluorescent Lamp | 15.41 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0036 | EA | 4', 30 Watt, T8 Fluorescent Lamp | 19.87 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0037 | EA | 4', 28 Watt, T8 Fluorescent Lamp | 17.44 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0038 | EA | 4', 25 Watt, T8 Fluorescent Lamp | 17.34 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0039 | EA | 4', 44 Watt, T8HO Fluorescent Lamp | 27.79 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0040 | EA | 8', 59 Watt, T8 Fluorescent Lamp | 21.23 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0041 | EA | 18", 15 Watt, T12 Fluorescent Lamp | 17.33 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0042 | EA | 2', 20 Watt, T12 Fluorescent Lamp | 13.16 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0043 | EA | 3', 30 Watt, T12 Fluorescent Lamp | 14.78 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0044 | EA | 4', 34 Watt, T12 Fluorescent Lamp | 14.86 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0045 | EA | 4', 40 Watt, T12 Fluorescent Lamp | 14.56 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0046 | EA | 8', 60 Watt, T12 Fluorescent Lamp | 21.76 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0047 | EA | 8', 75 Watt, T12 Fluorescent Lamp | 18.41 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0048 | EA | 8', 95 Watt, Instant Start T12 Fluorescent Lamp | 29.89 | |
| 26 01 50 51-0049 | EA | 6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp | 17.54 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0050 | EA | 8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp | 14.45 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0051 | EA | 12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp | 13.98 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0052 | EA | 16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp | 15.46 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0053 | EA | 6", 4 Watt, T5 Fluorescent Lamp | 12.76 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0054 | EA | 9", 6 Watt, T5 Fluorescent Lamp | 12.56 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0055 | EA | 12", 8 Watt, T5 Fluorescent Lamp | 12.95 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0056 | EA | 21", 13 Watt, T5 Fluorescent Lamp | 13.54 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0057 | EA | 24", 14 Watt, T5 Fluorescent Lamp | 15.59 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0058 | EA | 34", 21 Watt, T5 Fluorescent Lamp | 16.97 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0059 | EA | 46", 28 Watt, T5 Fluorescent Lamp | 16.43 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0060 | EA | 46", 54 Watt, T5HO Fluorescent Lamp | 17.97 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0061 | EA | 46", 54 Watt T5 Fluorescent Lamp | 15.09 | |
| 26 01 50 51-0062 | EA | 32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp | 25.50 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.65* | |
| 26 01 50 51-0063 | EA | 40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp | 24.59 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.65* | |
| 26 01 50 51-0064 | EA | 27-55 Watt, 4-Pin Compact Fluorescent Lamp | 22.84 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-1.82* | |
| 26 01 50 51-0065 | EA | 5-13 Watt, 2-Pin Compact Fluorescent Lamp | 10.08 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-1.82* | |
| 26 01 50 51-0066 | EA | 9-26 Watt, 4-Pin Compact Fluorescent Lamp | 11.14 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-1.82* | |
| 26 01 50 51-0067 | EA | Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux | 29.78 | |
| 26 01 50 51-0068 | EA | Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux | 29.78 | |
| 26 01 50 51-0069 | EA | 32 Watt 2D (DoubleD) Fluorescent Lamp | 56.02 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 51-0070 | EA | 26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp | 20.35 | |
| 26 01 50 51-0071 | EA | <9 Watt, Screw-In, Spiral Compact Fluorescent Lamps | 10.14 | |
| 26 01 50 51-0072 | EA | 9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps | 8.81 | |
| 26 01 50 51-0073 | EA | 29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps | 8.81 | |
| 26 01 50 51-0074 | EA | 33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps | 36.78 | |
| 26 01 50 51-0075 | EA | 43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps | 40.09 | |
| 26 01 50 51-0076 | EA | 85 Watt, Screw-In, Spiral Compact Fluorescent Lamps | 75.99 | |
| 26 01 50 51-0077 | EA | 105 Watt, Screw-In, Spiral Compact Fluorescent Lamps | 90.95 | |
| 26 01 50 51-0078 | EA | 200 Watt, Screw-In, Spiral Compact Fluorescent Lamps | 93.99 | |
| 26 01 50 51-0079 | EA | 11 Watt, Screw-In, Compact Fluorescent Reflector Lamps | 34.41 | |
| 26 01 50 51-0080 | EA | 15 Watt, Screw-In, Compact Fluorescent Reflector Lamps | 35.87 | |
| 26 01 50 51-0081 | EA | 20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps | 41.35 | |

### 26 01 50 51-0082 Mercury Vapor Lamps *(26 01 50 51-0001)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0083 | EA | 100 Watt, Mercury Vapor Lamp | 43.24 | |
| 26 01 50 51-0084 | EA | 175 Watt, Mercury Vapor Lamp | 39.18 | |
| 26 01 50 51-0085 | EA | 250 Watt, Mercury Vapor Lamp | 37.17 | |
| 26 01 50 51-0086 | EA | 400 Watt, Mercury Vapor Lamp | 45.74 | |
| 26 01 50 51-0087 | EA | 1,000 Watt, Mercury Vapor Lamp | 80.22 | |

### 26 01 50 51-0088 Metal Halide Lamps *(26 01 50 51-0001)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0089 | EA | 50 Watt, Pulse Start Metal Halide Lamp | 44.09 | |
| 26 01 50 51-0090 | EA | 70 Watt, Pulse Start Metal Halide Lamp | 42.19 | |
| 26 01 50 51-0091 | EA | 100 Watt, Pulse Start Metal Halide Lamp | 48.17 | |
| 26 01 50 51-0092 | EA | 150 Watt, Pulse Start Metal Halide Lamp | 46.82 | |
| 26 01 50 51-0093 | EA | 175 Watt, Pulse Start Metal Halide Lamp | 46.42 | |
| 26 01 50 51-0094 | EA | 250 Watt, Pulse Start Metal Halide Lamp | 46.69 | |
| 26 01 50 51-0095 | EA | 400 Watt, Pulse Start Metal Halide Lamp | 56.23 | |
| 26 01 50 51-0096 | EA | 1,000 Watt, Pulse Start Metal Halide Lamp | 65.37 | |
| 26 01 50 51-0097 | EA | 1,500 Watt, Pulse Start Metal Halide Lamp | 64.99 | |

### 26 01 50 51-0098 High Pressure Sodium Lamps *(26 01 50 51-0001)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0099 | EA | 35 Watt, High Pressure Sodium Lamp | 36.37 | |
| | | *For Enclosed And Gasket Light Fixtures, Add* | *2.81* | |
| 26 01 50 51-0100 | EA | 50 Watt, High Pressure Sodium Lamp | 36.37 | |
| | | *For Enclosed And Gasket Light Fixtures, Add* | *2.81* | |
| 26 01 50 51-0101 | EA | 70 Watt, High Pressure Sodium Lamp | 37.18 | |
| | | *For Enclosed And Gasket Light Fixtures, Add* | *2.81* | |
| 26 01 50 51-0102 | EA | 100 Watt, High Pressure Sodium Lamp | 38.74 | |
| | | *For Enclosed And Gasket Light Fixtures, Add* | *2.81* | |
| 26 01 50 51-0103 | EA | 150 Watt, High Pressure Sodium Lamp | 37.18 | |
| | | *For Enclosed And Gasket Light Fixtures, Add* | *2.81* | |
| 26 01 50 51-0104 | EA | 250 Watt, High Pressure Sodium Lamp | 37.18 | |
| | | *For Enclosed And Gasket Light Fixtures, Add* | *2.81* | |
| 26 01 50 51-0105 | EA | 400 Watt, High Pressure Sodium Lamp | 34.87 | |
| | | *For Enclosed And Gasket Light Fixtures, Add* | *2.81* | |
| 26 01 50 51-0106 | EA | 1,000 Watt, High Pressure Sodium Lamp | 80.88 | |

### 26 01 50 51-0107 Low Pressure Sodium Lamps *(26 01 50 51-0001)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0108 | EA | 35 Watt, Low Pressure Sodium Lamp | 92.46 | |
| 26 01 50 51-0109 | EA | 55 Watt, Low Pressure Sodium Lamp | 103.17 | |
| 26 01 50 51-0110 | EA | 70 Watt, Low Pressure Sodium Lamp | 105.58 | |
| 26 01 50 51-0111 | EA | 90 Watt, Low Pressure Sodium Lamp | 108.00 | |
| 26 01 50 51-0112 | EA | 135 Watt, Low Pressure Sodium Lamp | 117.65 | |
| 26 01 50 51-0113 | EA | 180 Watt, Low Pressure Sodium Lamp | 161.09 | |

### 26 01 50 51-0114 LED Lamps *(26 01 50 51-0001)*

### 26 01 50 51-0115 LED Lamps, Candelabra Base, CA10 *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0116 | EA | 3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star) | 14.29 | |

### 26 01 50 51-0117 LED Lamps, Medium Base, A19 Or A21 *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0118 | EA | 6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star) | 18.86 | |
| 26 01 50 51-0119 | EA | 11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star) | 18.86 | |
| 26 01 50 51-0120 | EA | 14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star) | 31.14 | |
| 26 01 50 51-0121 | EA | 17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star) | 21.96 | |
| 26 01 50 51-0122 | EA | 18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star) | 38.81 | |

### 26 01 50 51-0123 LED Lamps, Medium Base, BR30 Or BR40 *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0124 | EA | 9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star) | 25.57 | |
| 26 01 50 51-0125 | EA | 14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star) | 22.98 | |
| 26 01 50 51-0126 | EA | 11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star) | 29.87 | |
| 26 01 50 51-0127 | EA | 14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star) | 25.28 | |
| 26 01 50 51-0128 | EA | 14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star) | 32.94 | |
| 26 01 50 51-0129 | EA | 18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star) | 25.28 | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 51-0130 | | LED Lamps, Medium Base, PAR *(26 01 50 51-0114)* | | |
| 26 01 50 51-0131 | EA | 7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star) | 28.03 | |
| 26 01 50 51-0132 | EA | 12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star) | 37.56 | |
| 26 01 50 51-0133 | EA | 16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star) | 37.56 | |
| 26 01 50 51-0134 | EA | 15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star) | 36.02 | |
| 26 01 50 51-0135 | EA | 12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star) | 34.49 | |
| 26 01 50 51-0136 | EA | 15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star) | 34.49 | |
| 26 01 50 51-0137 | EA | 18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star) | 65.48 | |
| 26 01 50 51-0138 | EA | 15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star) | 37.56 | |
| 26 01 50 51-0139 | EA | 18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star) | 36.02 | |
| 26 01 50 51-0140 | EA | 19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star) | 37.56 | |
| 26 01 50 51-0141 | EA | 24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star) | 37.56 | |
| 26 01 50 51-0142 | | LED Lamps, GU Base, MR16 *(26 01 50 51-0114)* | | |
| 26 01 50 51-0143 | EA | 4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star) | 19.91 | |
| 26 01 50 51-0144 | EA | 6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star) | 25.57 | |
| 26 01 50 51-0145 | EA | 8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star) | 28.03 | |
| 26 01 50 51-0146 | | LED Lamps, PL Series *(26 01 50 51-0114)* | | |
| 26 01 50 51-0147 | EA | 3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23) | 19.30 | |
| 26 01 50 51-0148 | EA | 26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/827/DIR) | 25.10 | |
| 26 01 50 51-0149 | EA | 26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/830/DIR) | 20.76 | |
| 26 01 50 51-0150 | EA | 26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/835/DIR) | 23.47 | |
| 26 01 50 51-0151 | EA | 26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/840/DIR) | 23.47 | |
| 26 01 50 51-0152 | EA | 26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 10.5PLH/930/DIR) | 28.36 | |
| 26 01 50 51-0153 | EA | 13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/827/DIR) | 23.47 | |
| 26 01 50 51-0154 | EA | 13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/830/DIR) | 23.47 | |
| 26 01 50 51-0155 | EA | 13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/835/DIR) | 23.47 | |
| 26 01 50 51-0156 | EA | 13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/840/DIR) | 23.47 | |
| 26 01 50 51-0157 | EA | 26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 10PLV/827/DIR) | 26.73 | |
| 26 01 50 51-0158 | EA | 26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/830/DIR) | 26.73 | |
| 26 01 50 51-0159 | EA | 26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 10PLV/835/DIR) | 26.73 | |
| 26 01 50 51-0160 | EA | 26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/840/DIR) | 26.73 | |
| 26 01 50 51-0161 | EA | 26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 11PLV/930/DIR) | 25.10 | |
| 26 01 50 51-0162 | EA | 13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/827/DIR) | 25.10 | |
| 26 01 50 51-0163 | EA | 13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/830/DIR) | 25.10 | |
| 26 01 50 51-0164 | EA | 13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/835/DIR) | 26.19 | |
| 26 01 50 51-0165 | EA | 13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/840/DIR) | 26.19 | |
| 26 01 50 51-0166 | EA | 26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP) | 26.43 | |
| 26 01 50 51-0167 | EA | 26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP) | 26.43 | |
| 26 01 50 51-0168 | EA | 26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP) | 26.43 | |
| 26 01 50 51-0169 | EA | 26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP) | 26.43 | |
| 26 01 50 51-0170 | EA | 13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP) | 27.28 | |
| 26 01 50 51-0171 | EA | 13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP) | 27.28 | |
| 26 01 50 51-0172 | EA | 13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26) | 27.28 | |
| 26 01 50 51-0173 | EA | 13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26) | 27.28 | |
| 26 01 50 51-0174 | EA | 13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26) | 27.28 | |
| 26 01 50 51-0175 | EA | 13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24) | 27.28 | |
| 26 01 50 51-0176 | EA | 13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24) | 27.28 | |
| 26 01 50 51-0177 | EA | 13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24) | 27.28 | |
| 26 01 50 51-0178 | EA | 26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP) | 35.76 | |
| 26 01 50 51-0179 | EA | 26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP) | 35.76 | |
| 26 01 50 51-0180 | EA | 26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP) | 35.76 | |
| 26 01 50 51-0181 | EA | 26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP) | 33.80 | |
| 26 01 50 51-0182 | EA | 13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP) | 33.80 | |
| 26 01 50 51-0183 | EA | 13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP) | 33.80 | |
| 26 01 50 51-0184 | EA | 4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898) | 23.20 | |
| 26 01 50 51-0185 | | HID LED Lamps, Medium Base E26 *(26 01 50 51-0114)* | | |
| 26 01 50 51-0186 | EA | 27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26) | 71.27 | |
| 26 01 50 51-0187 | EA | 27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26) | 71.27 | |
| 26 01 50 51-0188 | EA | 45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26) | 91.36 | |
| 26 01 50 51-0189 | EA | 45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26) | 91.36 | |
| 26 01 50 51-0190 | EA | 10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026) | 58.90 | |
| 26 01 50 51-0191 | EA | 10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026) | 58.90 | |
| 26 01 50 51-0192 | EA | 10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026) | 58.90 | |
| 26 01 50 51-0193 | EA | 10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026) | 58.90 | |
| 26 01 50 51-0194 | EA | 15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026) | 61.07 | |
| 26 01 50 51-0195 | EA | 15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026) | 61.07 | |
| 26 01 50 51-0196 | EA | 15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026) | 61.07 | |
| 26 01 50 51-0197 | EA | 15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026) | 61.07 | |
| 26 01 50 51-0198 | EA | 20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026) | 69.76 | |
| 26 01 50 51-0199 | EA | 20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026) | 69.76 | |
| 26 01 50 51-0200 | EA | 20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026) | 69.76 | |
| 26 01 50 51-0201 | EA | 20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026) | 69.76 | |
| 26 01 50 51-0202 | EA | 25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026) | 80.62 | |
| 26 01 50 51-0203 | EA | 25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026) | 80.62 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 51-0204 | EA | 25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026) | 80.62 | |
| 26 01 50 51-0205 | EA | 25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026) | 80.62 | |
| 26 01 50 51-0206 | EA | 30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026) | 104.52 | |
| 26 01 50 51-0207 | EA | 30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026) | 104.52 | |
| 26 01 50 51-0208 | EA | 30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026) | 104.52 | |
| 26 01 50 51-0209 | EA | 30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026) | 104.52 | |
| 26 01 50 51-0210 | EA | 40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026) | 125.15 | |
| 26 01 50 51-0211 | EA | 40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026) | 125.15 | |
| 26 01 50 51-0212 | EA | 40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026) | 125.15 | |
| 26 01 50 51-0213 | EA | 40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026) | 125.15 | |
| 26 01 50 51-0214 | EA | 60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026) | 139.27 | |
| 26 01 50 51-0215 | EA | 60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026) | 139.27 | |
| 26 01 50 51-0216 | EA | 60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026) | 139.27 | |
| 26 01 50 51-0217 | EA | 60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026) | 139.27 | |
| 26 01 50 51-0218 | EA | 80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026) | 190.32 | |
| 26 01 50 51-0219 | EA | 80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026) | 190.32 | |
| 26 01 50 51-0220 | EA | 80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026) | 190.32 | |
| 26 01 50 51-0221 | EA | 80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026) | 190.32 | |
| 26 01 50 51-0222 | EA | 100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026) | 196.84 | |
| 26 01 50 51-0223 | EA | 100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026) | 196.84 | |
| 26 01 50 51-0224 | EA | 100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026) | 196.84 | |
| 26 01 50 51-0225 | EA | 100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026) | 196.84 | |
| 26 01 50 51-0226 | EA | 120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026) | 234.85 | |
| 26 01 50 51-0227 | EA | 120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026) | 234.85 | |
| 26 01 50 51-0228 | EA | 120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026) | 234.85 | |
| 26 01 50 51-0229 | EA | 120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026) | 234.85 | |
| 26 01 50 51-0230 | EA | 150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026) | 280.47 | |
| 26 01 50 51-0231 | EA | 150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026) | 280.47 | |
| 26 01 50 51-0232 | EA | 150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026) | 280.47 | |
| 26 01 50 51-0233 | EA | 150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026) | 280.47 | |
| 26 01 50 51-0234 | EA | 20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT40KMED-G6 ) | 89.15 | |
| 26 01 50 51-0235 | EA | 20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT50KMED-G6 ) | 96.75 | |
| 26 01 50 51-0236 | EA | 27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5 ) | 96.75 | |
| 26 01 50 51-0237 | EA | 27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5 ) | 89.15 | |
| 26 01 50 51-0238 | EA | 36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT40KMED-G5 ) | 113.05 | |
| 26 01 50 51-0239 | EA | 36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT50KMED-G5 ) | 103.27 | |
| 26 01 50 51-0240 | EA | 45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5 ) | 124.99 | |
| 26 01 50 51-0241 | EA | 45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5 ) | 123.71 | |
| 26 01 50 51-0242 | EA | 54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5 ) | 126.62 | |
| 26 01 50 51-0243 | EA | 54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5 ) | 126.62 | |
| 26 01 50 51-0244 | EA | 27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7 ) | 75.06 | |
| 26 01 50 51-0245 | EA | 27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7 ) | 75.06 | |
| 26 01 50 51-0246 | EA | 36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7 ) | 85.11 | |
| 26 01 50 51-0247 | EA | 36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7 ) | 85.11 | |
| 26 01 50 51-0248 | EA | 45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7 ) | 91.79 | |
| 26 01 50 51-0249 | EA | 45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7 ) | 91.79 | |
| 26 01 50 51-0250 | EA | 54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7 ) | 101.83 | |
| 26 01 50 51-0251 | EA | 54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7 ) | 101.83 | |
| 26 01 50 51-0252 | EA | 20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26) | 102.35 | |
| 26 01 50 51-0253 | EA | 30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26) | 111.25 | |
| 26 01 50 51-0254 | EA | 40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26) | 139.38 | |
| 26 01 50 51-0255 | EA | 50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26) | 153.94 | |
| 26 01 50 51-0256 | EA | 10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26) | 58.03 | |
| 26 01 50 51-0257 | EA | 15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26) | 65.85 | |
| 26 01 50 51-0258 | EA | 20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26) | 69.76 | |
| 26 01 50 51-0259 | EA | 25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26) | 77.04 | |
| 26 01 50 51-0260 | EA | 15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV) | 93.46 | |
| 26 01 50 51-0261 | EA | 20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV) | 110.18 | |
| 26 01 50 51-0262 | EA | 25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV) | 151.95 | |
| 26 01 50 51-0263 | EA | 30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV) | 160.30 | |
| 26 01 50 51-0264 | EA | 35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV) | 173.67 | |
| 26 01 50 51-0265 | EA | 40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV) | 182.02 | |
| 26 01 50 51-0266 | EA | 60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV) | 263.90 | |
| 26 01 50 51-0267 | EA | 20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K) | 65.60 | |

### 26 01 50 51-0268 HID LED Lamps, Mogul Base E39 Or EX39 *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0269 | EA | 120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39) | 250.81 | |
| 26 01 50 51-0270 | EA | 120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39) | 250.81 | |
| 26 01 50 51-0271 | EA | 120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39) | 250.81 | |
| 26 01 50 51-0272 | EA | 27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39) | 71.27 | |
| 26 01 50 51-0273 | EA | 27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R) | 71.27 | |
| 26 01 50 51-0274 | EA | 27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39) | 71.27 | |
| 26 01 50 51-0275 | EA | 45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39) | 91.36 | |
| 26 01 50 51-0276 | EA | 45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R) | 91.36 | |
| 26 01 50 51-0277 | EA | 45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39) | 91.36 | |
| 26 01 50 51-0278 | EA | 80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39) | 172.81 | |
| 26 01 50 51-0279 | EA | 80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039) | 190.32 | |
| 26 01 50 51-0280 | EA | 80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039) | 190.32 | |
| 26 01 50 51-0281 | EA | 80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039) | 190.32 | |
| 26 01 50 51-0282 | EA | 80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039) | 190.32 | |
| 26 01 50 51-0283 | EA | 100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039) | 196.84 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 51-0284 | EA | 100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039) | 196.84 | |
| 26 01 50 51-0285 | EA | 100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039) | 196.84 | |
| 26 01 50 51-0286 | EA | 100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039) | 196.84 | |
| 26 01 50 51-0287 | EA | 120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039) | 234.85 | |
| 26 01 50 51-0288 | EA | 120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039) | 234.85 | |
| 26 01 50 51-0289 | EA | 120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039) | 234.85 | |
| 26 01 50 51-0290 | EA | 120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039) | 234.85 | |
| 26 01 50 51-0291 | EA | 150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039) | 280.47 | |
| 26 01 50 51-0292 | EA | 150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039) | 280.47 | |
| 26 01 50 51-0293 | EA | 150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039) | 280.47 | |
| 26 01 50 51-0294 | EA | 150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039) | 280.47 | |
| 26 01 50 51-0295 | EA | 27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5 ) | 96.75 | |
| 26 01 50 51-0296 | EA | 27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5 ) | 96.75 | |
| 26 01 50 51-0297 | EA | 36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5 ) | 113.05 | |
| 26 01 50 51-0298 | EA | 36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5 ) | 111.55 | |
| 26 01 50 51-0299 | EA | 45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5 ) | 124.99 | |
| 26 01 50 51-0300 | EA | 45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5 ) | 123.71 | |
| 26 01 50 51-0301 | EA | 54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5 ) | 126.62 | |
| 26 01 50 51-0302 | EA | 54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5 ) | 122.84 | |
| 26 01 50 51-0303 | EA | 100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5 ) | 270.53 | |
| 26 01 50 51-0304 | EA | 20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7 ) | 96.72 | |
| 26 01 50 51-0305 | EA | 20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7 ) | 96.72 | |
| 26 01 50 51-0306 | EA | 30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7 ) | 110.23 | |
| 26 01 50 51-0307 | EA | 30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7 ) | 110.23 | |
| 26 01 50 51-0308 | EA | 40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7 ) | 118.36 | |
| 26 01 50 51-0309 | EA | 40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7 ) | 118.36 | |
| 26 01 50 51-0310 | EA | 27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7 ) | 74.93 | |
| 26 01 50 51-0311 | EA | 27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7 ) | 74.93 | |
| 26 01 50 51-0312 | EA | 36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7 ) | 85.11 | |
| 26 01 50 51-0313 | EA | 36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7 ) | 85.11 | |
| 26 01 50 51-0314 | EA | 45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7 ) | 91.79 | |
| 26 01 50 51-0315 | EA | 45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7 ) | 91.79 | |
| 26 01 50 51-0316 | EA | 54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7 ) | 101.83 | |
| 26 01 50 51-0317 | EA | 54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7 ) | 101.83 | |
| 26 01 50 51-0318 | EA | 65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39) | 186.41 | |
| 26 01 50 51-0319 | EA | 80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39) | 216.17 | |
| 26 01 50 51-0320 | EA | 100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39) | 258.53 | |
| 26 01 50 51-0321 | EA | 120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39) | 507.96 | |
| 26 01 50 51-0322 | EA | 150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39) | 479.47 | |
| 26 01 50 51-0323 | EA | 200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39) | 507.96 | |
| 26 01 50 51-0324 | EA | 250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39) | 510.18 | |
| 26 01 50 51-0325 | EA | 24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A) | 74.43 | |
| 26 01 50 51-0326 | EA | 24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A) | 74.43 | |
| 26 01 50 51-0327 | EA | 24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A) | 74.43 | |
| 26 01 50 51-0328 | EA | 100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50) | 223.88 | |
| 26 01 50 51-0329 | EA | 115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D) | 358.50 | |
| 26 01 50 51-0330 | EA | 40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K) | 177.55 | |
| 26 01 50 51-0331 | EA | 100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K) | 209.55 | |
| 26 01 50 51-0332 | EA | 45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K) | 91.19 | |
| 26 01 50 51-0333 | EA | 40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K) | 249.93 | |

## 26 01 50 51-0334 LED Lamps, 2G11 Base *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0335 | EA | 19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR) | 42.17 | |

## 26 01 50 51-0336 LED Lamps, GX23 Or G23 Base *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0337 | EA | 5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4) | 20.84 | |

## 26 01 50 51-0338 LED Lamps, G24 Base *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0339 | EA | 5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R) | 27.02 | |

## 26 01 50 51-0340 LED Tubes (Fluorescent Lamp Replacement) *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0341 | EA | 2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K) | 37.07 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0342 | EA | 2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K) | 48.18 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0343 | EA | 3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K) | 39.94 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.10* | |
| 26 01 50 51-0344 | EA | 4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K) | 43.73 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0345 | EA | 4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K) | 47.90 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0346 | EA | 4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN) | 30.20 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 51-0347 | EA | 2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN) | 29.09 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0348 | EA | 2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF) | 26.51 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-2.92* | |
| 26 01 50 51-0349 | EA | 3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF) | 26.99 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.10* | |
| 26 01 50 51-0350 | EA | 4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF) | 27.00 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |
| 26 01 50 51-0351 | EA | 4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF) | 27.98 | |
| | | *For Multiple Lamps In Fixture, Deduct* | *-3.28* | |

### 26 01 50 51-0352 Filament LED Lamps *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0353 | EA | 7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827 ) | 21.82 | |
| 26 01 50 51-0354 | EA | 4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R ) | 21.82 | |
| 26 01 50 51-0355 | EA | 4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827) | 20.74 | |
| 26 01 50 51-0356 | EA | 4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A) | 20.74 | |
| 26 01 50 51-0357 | EA | 4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827) | 22.48 | |
| 26 01 50 51-0358 | EA | 4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A) | 22.48 | |
| 26 01 50 51-0359 | EA | 3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827) | 18.57 | |
| 26 01 50 51-0360 | EA | 3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26) | 18.57 | |
| 26 01 50 51-0361 | EA | 3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A) | 19.22 | |
| 26 01 50 51-0362 | EA | 3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A) | 24.00 | |
| 26 01 50 51-0363 | EA | 4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521) | 20.21 | |

### 26 01 50 51-0364 Other Lamps *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0365 | EA | 8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1) | 20.56 | |
| 26 01 50 51-0366 | EA | 8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM) | 20.56 | |
| 26 01 50 51-0367 | EA | 11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM) | 20.56 | |
| 26 01 50 51-0368 | EA | 12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1) | 21.65 | |
| 26 01 50 51-0369 | EA | 13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1) | 21.65 | |
| 26 01 50 51-0370 | EA | 8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1) | 21.65 | |

### 26 01 50 51-0371 LED Lamps, Light Engines, Round, LER Series *(26 01 50 51-0114)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0372 | EA | 5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730) | 48.81 | |
| 26 01 50 51-0373 | EA | 9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U) | 28.24 | |

### 26 01 50 51-0374 Recycle Hazardous Lamps *(26 01 50 51)*

Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 01 22 23 00-0001 for work over 14' to add appropriate aerial lift.

| | | | | |
|---|---|---|---|---|
| 26 01 50 51-0375 | EA | Recycle 2' Length Linear Fluorescent Lamps | 0.41 | |
| 26 01 50 51-0376 | EA | Recycle 3' Length Linear Fluorescent Lamps | 0.61 | |
| 26 01 50 51-0377 | EA | Recycle 4' Length Linear Fluorescent Lamps | 0.82 | |
| 26 01 50 51-0378 | EA | Recycle 6' Length Linear Fluorescent Lamps | 1.23 | |
| 26 01 50 51-0379 | EA | Recycle 8' Length Linear Fluorescent Lamps | 1.64 | |
| 26 01 50 51-0380 | EA | Recycle Compact Fluorescent Lamps | 0.74 | |
| 26 01 50 51-0381 | EA | Recycle U-Shaped Or Circular Fluorescent Lamps | 0.74 | |
| 26 01 50 51-0382 | EA | Recycle High Intensity Discharge (HID) Lamps | 2.56 | |

## 26 01 50 52 Ballasts Replacement *(26 01 50)*

### 26 01 50 52-0001 Lighting Ballasts *(26 01 50 52)*

Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.

### 26 01 50 52-0002 Fluorescent Ballasts *(26 01 50 52-0001)*

### 26 01 50 52-0003 T5 Fluorescent Ballasts *(26 01 50 52-0002)*

### 26 01 50 52-0004 T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*

Note: Includes 120/277 Volt and normal ballast factor.

### 26 01 50 52-0005 14 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0006 | EA | 1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 109.82 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *6.16* | |
| 26 01 50 52-0007 | EA | 2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 115.34 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *6.16* | |

### 26 01 50 52-0008 21 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0009 | EA | 1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 109.82 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *6.16* | |
| 26 01 50 52-0010 | EA | 2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 115.34 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *6.16* | |

### 26 01 50 52-0011 28 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0012 | EA | 1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 109.82 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *6.16* | |
| 26 01 50 52-0013 | EA | 2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 115.34 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *6.16* | |
| 26 01 50 52-0014 | | 35 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)* | | |
| 26 01 50 52-0015 | EA | 1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 109.82 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0016 | EA | 2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 115.34 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0017 | | 54 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)* | | |
| 26 01 50 52-0018 | EA | 1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 109.70 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0019 | EA | 2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 115.22 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0020 | EA | 3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 157.59 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0021 | EA | 4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast | 163.11 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0022 | | High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0003)* | | |
| | | Note: Includes 120/277 Volt and normal ballast factor. | | |
| 26 01 50 52-0023 | | 12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)* | | |
| 26 01 50 52-0024 | EA | 1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast | 92.33 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0025 | EA | 2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast | 97.85 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0026 | | 24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)* | | |
| 26 01 50 52-0027 | EA | 1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast | 120.30 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0028 | EA | 2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast | 125.82 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0029 | | 39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)* | | |
| 26 01 50 52-0030 | EA | 1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast | 120.30 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0031 | EA | 2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast | 125.82 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0032 | | 54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)* | | |
| 26 01 50 52-0033 | EA | 1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast | 92.33 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0034 | EA | 2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast | 97.85 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0035 | | Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)* | | |
| 26 01 50 52-0036 | | Step Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)* | | |
| | | Note: Includes 120/277 Volt and normal ballast factor. | | |
| 26 01 50 52-0037 | | 28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast *(26 01 50 52-0036)* | | |
| 26 01 50 52-0038 | EA | 2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast | 108.32 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0039 | | Dimming To 5%, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)* | | |
| | | Note: Includes 120/277 Volt and normal ballast factor. | | |
| 26 01 50 52-0040 | | 54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0039)* | | |
| 26 01 50 52-0041 | EA | 1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast | 385.24 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0042 | EA | 2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast | 380.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0043 | | T8 Fluorescent Ballasts *(26 01 50 52-0002)* | | |
| 26 01 50 52-0044 | | T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)* | | |
| | | Note: Includes 120/277 Volt and low or normal ballast factor. | | |
| 26 01 50 52-0045 | | 17 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0046 | EA | 1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 48.89 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *14.98* | |
| 26 01 50 52-0047 | EA | 1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 84.94 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0048 | EA | 2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 54.41 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *14.98* | |
| 26 01 50 52-0049 | EA | 2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 90.46 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0050 | EA | 3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 66.27 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *14.59* | |
| 26 01 50 52-0051 | EA | 3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 101.53 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *8.38* | |
| 26 01 50 52-0052 | EA | 4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 75.90 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *36.94* | |
| 26 01 50 52-0053 | EA | 4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 111.36 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *21.56* | |
| **26 01 50 52-0054** | | **25 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)* | | |
| 26 01 50 52-0055 | EA | 1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 48.89 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *14.98* | |
| 26 01 50 52-0056 | EA | 1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 84.94 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0057 | EA | 2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 54.41 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *14.98* | |
| 26 01 50 52-0058 | EA | 2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 90.46 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0059 | EA | 3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 66.27 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *14.59* | |
| 26 01 50 52-0060 | EA | 3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 101.53 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *8.38* | |
| 26 01 50 52-0061 | EA | 4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 75.90 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *36.94* | |
| 26 01 50 52-0062 | EA | 4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 111.36 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *21.56* | |
| **26 01 50 52-0063** | | **28 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)* | | |
| 26 01 50 52-0064 | EA | 1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 48.89 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *14.98* | |
| 26 01 50 52-0065 | EA | 1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 84.94 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0066 | EA | 2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 54.41 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *14.98* | |
| 26 01 50 52-0067 | EA | 2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 90.46 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0068 | EA | 3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 66.27 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *14.59* | |
| 26 01 50 52-0069 | EA | 3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 101.53 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *8.38* | |
| 26 01 50 52-0070 | EA | 4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 75.90 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *36.94* | |
| 26 01 50 52-0071 | EA | 4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 111.36 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *21.56* | |
| **26 01 50 52-0072** | | **32 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)* | | |
| 26 01 50 52-0073 | EA | 1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 48.89 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *14.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0074 | EA | 1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 84.94 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0075 | EA | 2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 54.41 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *14.98* | |
| 26 01 50 52-0076 | EA | 2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 90.46 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0077 | EA | 3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 66.27 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *14.59* | |
| 26 01 50 52-0078 | EA | 3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 101.53 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *8.38* | |
| 26 01 50 52-0079 | EA | 4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 75.90 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *36.94* | |
| 26 01 50 52-0080 | EA | 4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 111.36 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *21.56* | |
| 26 01 50 52-0081 | | 40 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)* | | |
| 26 01 50 52-0082 | EA | 1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 77.30 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *6.41* | |
| 26 01 50 52-0083 | EA | 1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 84.94 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0084 | EA | 2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 82.82 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *6.41* | |
| 26 01 50 52-0085 | EA | 2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 90.46 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *9.86* | |
| 26 01 50 52-0086 | EA | 3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 103.38 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| | | *For High Ballast Factor, Add* | *3.94* | |
| 26 01 50 52-0087 | EA | 3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 101.53 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0088 | EA | 4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 108.90 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| | | *For High Ballast Factor, Add* | *3.94* | |
| 26 01 50 52-0089 | EA | 4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast | 111.36 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0090 | | 96 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)* | | |
| 26 01 50 52-0091 | EA | 1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 92.33 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| | | *For High Ballast Factor, Add* | *13.73* | |
| 26 01 50 52-0092 | EA | 2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast | 97.85 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| | | *For High Ballast Factor, Add* | *13.73* | |
| 26 01 50 52-0093 | | High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0043)* | | |
| | | Note: Includes 120/277 Volt and normal ballast factor. | | |
| 26 01 50 52-0094 | | 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)* | | |
| 26 01 50 52-0095 | EA | 1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast | 111.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0096 | EA | 1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast | 145.09 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0097 | EA | 2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast | 117.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0098 | EA | 2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast | 150.61 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0099 | | 60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)* | | |
| 26 01 50 52-0100 | EA | 1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast | 111.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0101 | EA | 1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast | 145.09 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0102 | EA | 2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast | 117.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0103 | EA | 2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast | 150.61 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0104 | | 72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)* | | |
| 26 01 50 52-0105 | EA | 1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast | 111.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0106 | EA | 1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast | 145.09 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0107 | EA | 2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast | 117.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0108 | EA | 2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast | 150.61 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0109 | | 96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)* | | |
| 26 01 50 52-0110 | EA | 1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast | 111.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0111 | EA | 1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast | 145.09 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0112 | EA | 2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast | 117.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0113 | EA | 2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast | 150.61 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0114 | | Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)* | | |
| 26 01 50 52-0115 | | Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*<br>Note: Includes 120/277 Volt and high ballast factor. | | |
| 26 01 50 52-0116 | | 17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)* | | |
| 26 01 50 52-0117 | EA | 1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0118 | EA | 2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0119 | EA | 3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 76.84 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0120 | EA | 4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0121 | EA | 5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 139.18 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0122 | EA | 6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 144.71 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| 26 01 50 52-0123 | | 25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)* | | |
| 26 01 50 52-0124 | EA | 1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0125 | EA | 2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0126 | EA | 3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 76.84 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0127 | EA | 4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0128 | EA | 5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 139.18 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0129 | EA | 6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 144.71 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| 26 01 50 52-0130 | | 28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)* | | |
| 26 01 50 52-0131 | EA | 1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0132 | EA | 2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0133 | EA | 3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 76.84 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0134 | EA | 4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0135 | EA | 5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 139.18 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0136 | EA | 6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 144.71 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| 26 01 50 52-0137 | | 32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)* | | |
| 26 01 50 52-0138 | EA | 1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0139 | EA | 2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0140 | EA | 3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 76.84 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0141 | EA | 4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0142 | EA | 5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 139.18 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0143 | EA | 6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 144.71 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0144 | | 40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)* | | |
| 26 01 50 52-0145 | EA | 1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0146 | EA | 2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0147 | EA | 3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 76.84 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0148 | EA | 4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0149 | EA | 5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 139.18 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0150 | EA | 6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast | 144.71 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| 26 01 50 52-0151 | | Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)* | | |
| | | Note: Includes 120/277 Volt and high ballast factor. | | |
| 26 01 50 52-0152 | | 17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)* | | |
| 26 01 50 52-0153 | EA | 1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0154 | EA | 2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0155 | EA | 3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 74.77 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0156 | EA | 4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0157 | EA | 5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 132.62 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0158 | EA | 6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 138.15 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| 26 01 50 52-0159 | | 25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)* | | |
| 26 01 50 52-0160 | EA | 1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0161 | EA | 2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0162 | EA | 3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 74.77 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0163 | EA | 4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0164 | EA | 5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 132.62 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0165 | EA | 6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 138.15 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| 26 01 50 52-0166 | | 28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)* | | |
| 26 01 50 52-0167 | EA | 1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0168 | EA | 2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0169 | EA | 3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 74.77 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0170 | EA | 4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0171 | EA | 5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 132.62 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0172 | EA | 6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 138.15 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| 26 01 50 52-0173 | | 32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)* | | |
| 26 01 50 52-0174 | EA | 1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0175 | EA | 2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0176 | EA | 3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 74.77 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0177 | EA | 4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0178 | EA | 5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 132.62 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0179 | EA | 6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 138.15 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| 26 01 50 52-0180 | | 40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)* | | |
| 26 01 50 52-0181 | EA | 1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 61.15 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0182 | EA | 2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 66.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0183 | EA | 3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 74.77 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0184 | EA | 4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 92.65 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0185 | EA | 5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 132.62 | 44.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0186 | EA | 6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast | 138.15 | 49.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.92* | |
| **26 01 50 52-0187** | | **Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)* | | |
| | | Note: Includes 120/277 Volt and normal ballast factor. | | |
| **26 01 50 52-0188** | | **17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)* | | |
| 26 01 50 52-0189 | EA | 1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 137.30 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0190 | EA | 2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 142.82 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0191 | EA | 3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 170.65 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0192 | EA | 4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 176.17 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0193** | | **25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)* | | |
| 26 01 50 52-0194 | EA | 1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 137.30 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0195 | EA | 2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 142.82 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0196 | EA | 3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 170.65 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0197 | EA | 4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 176.17 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0198** | | **28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)* | | |
| 26 01 50 52-0199 | EA | 1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 137.30 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0200 | EA | 2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 142.82 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0201 | EA | 3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 170.65 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0202 | EA | 4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 176.17 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0203** | | **32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)* | | |
| 26 01 50 52-0204 | EA | 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 137.30 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0205 | EA | 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 142.82 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0206 | EA | 3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 170.65 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0207 | EA | 4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast | 176.17 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0208** | | **T10 Fluorescent Ballasts** *(26 01 50 52-0002)* | | |
| **26 01 50 52-0209** | | **T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0208)* | | |
| | | Note: Includes 120/277 Volt and normal ballast factor. | | |
| **26 01 50 52-0210** | | **40 Watt, T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0209)* | | |
| 26 01 50 52-0211 | EA | 1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast | 68.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0212 | EA | 2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast | 74.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0213 | EA | 3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast | 90.93 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| **26 01 50 52-0214** | | **T12 Fluorescent Ballasts** *(26 01 50 52-0002)* | | |
| **26 01 50 52-0215** | | **T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0214)* | | |
| | | Note: Includes 120/277 Volt and normal ballast factor. | | |
| **26 01 50 52-0216** | | **25 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)* | | |
| 26 01 50 52-0217 | EA | 1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast | 48.89 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0218 | EA | 1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 68.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0219 | EA | 2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast | 54.41 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0220 | EA | 2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 74.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0221 | EA | 3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast | 66.27 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| 26 01 50 52-0222 | EA | 4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast | 75.90 | 38.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0223** | | **30 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)* | | |
| 26 01 50 52-0224 | EA | 1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 68.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0225 | EA | 2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 74.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0226 | EA | 3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 90.93 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| **26 01 50 52-0227** | | **34 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)* | | |
| 26 01 50 52-0228 | EA | 1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 68.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0229 | EA | 2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 74.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0230 | EA | 3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 90.93 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| **26 01 50 52-0231** | | **40 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)* | | |
| 26 01 50 52-0232 | EA | 1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 68.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0233 | EA | 2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 74.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0234 | EA | 3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 90.93 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |
| **26 01 50 52-0235** | | **96 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)* | | |
| 26 01 50 52-0236 | EA | 1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 85.80 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0237 | EA | 2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast | 97.85 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0238** | | **High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0214)*<br>Note: Includes 120/277 Volt and normal ballast factor. | | |
| **26 01 50 52-0239** | | **48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)* | | |
| 26 01 50 52-0240 | EA | 1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast | 112.04 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0241 | EA | 2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast | 117.56 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0242** | | **60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)* | | |
| 26 01 50 52-0243 | EA | 1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast | 112.04 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0244 | EA | 2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast | 117.56 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0245** | | **72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)* | | |
| 26 01 50 52-0246 | EA | 1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast | 112.04 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0247 | EA | 2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast | 117.56 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0248** | | **96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)* | | |
| 26 01 50 52-0249 | EA | 2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast | 112.04 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0250 | EA | 2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast | 117.56 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0251** | | **Emergency Fluorescent Ballasts** *(26 01 50 52-0002)*<br>Note: 120/277 Volt. | | |
| 26 01 50 52-0252 | EA | 350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100) | 175.83 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0253 | EA | 600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60) | 289.45 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0254 | EA | 1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50) | 359.70 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0255 | EA | 600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A) | 265.96 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0256 | EA | 2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33) | 1,248.21 | 33.15 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-48.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.59* | |
| 26 01 50 52-0257 | EA | 225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54) | 364.88 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0258 | EA | 325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG) | 611.68 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0259 | EA | 300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG) | 336.56 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0260 | EA | 200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413) | 459.04 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0261 | EA | 300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463) | 355.91 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0262 | EA | 450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426) | 402.01 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0263 | EA | 1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500) | 435.05 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0264 | EA | 600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600) | 366.13 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0265 | EA | 600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700) | 371.73 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0266 | EA | 500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900) | 323.95 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0267 | EA | 300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C) | 336.56 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0268 | EA | 450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400) | 329.10 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0269 | EA | 1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST) | 602.07 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0270 | EA | 1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST) | 752.81 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0271 | EA | 1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT) | 1,408.46 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0272 | EA | 1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT) | 978.47 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0273 | EA | 1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48) | 497.72 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-46.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.92* | |
| 26 01 50 52-0274 | EA | 1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1) | 645.15 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0275 | EA | 250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD) | 3,608.46 | 27.62 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |

## 26 01 50 52-0276 LED Emergency Ballasts *(26 01 50 52-0001)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0277 | EA | Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L) | 196.71 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0278 | EA | Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST) | 228.56 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0279 | EA | Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C) | 266.70 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0280 | EA | Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310) | 253.02 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0281 | EA | Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718) | 450.12 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0282 | EA | Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV) | 425.64 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 01 50 52-0283 | EA | Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ) | 404.60 | 22.10 |
| | | *For Factory Installation In New Fixtures, Deduct* | *-44.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |

### 26 01 50 52-0284 Compact Fluorescent Ballasts *(26 01 50 52-0001)*

### 26 01 50 52-0285 Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*

Note: Includes 120/277 Volt and normal ballast factor.

### 26 01 50 52-0286 18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0287 | EA | 1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 103.91 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0288 | EA | 2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 109.43 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |

### 26 01 50 52-0289 26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0290 | EA | 1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 103.91 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0291 | EA | 2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 109.43 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |

### 26 01 50 52-0292 32 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0293 | EA | 1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 128.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0294 | EA | 2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 134.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |

### 26 01 50 52-0295 40 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0296 | EA | 1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast | 100.95 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0297 | EA | 1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 128.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0298 | EA | 2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast | 189.67 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0299 | EA | 2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 134.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0300 | EA | 3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast | 224.18 | 33.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.95* | |

### 26 01 50 52-0301 42 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0302 | EA | 1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 128.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0303 | EA | 2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 134.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |

### 26 01 50 52-0304 55 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 52-0305 | EA | 1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 128.67 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0306 | EA | 2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast | 134.19 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |

### 26 01 50 52-0307 Dimming, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*

### 26 01 50 52-0308 Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0307)*

Note: Includes 120/277 Volt and normal ballast factor.

### 26 01 50 52-0309 18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0310 | EA | 1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 192.00 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0311 | EA | 2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 197.52 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0312** | | **26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)* | | |
| 26 01 50 52-0313 | EA | 1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 192.00 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0314 | EA | 2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 197.52 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0315** | | **32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)* | | |
| 26 01 50 52-0316 | EA | 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 192.00 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0317 | EA | 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 211.20 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0318** | | **40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)* | | |
| 26 01 50 52-0319 | EA | 2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 211.20 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0320** | | **42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)* | | |
| 26 01 50 52-0321 | EA | 1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 192.00 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0322 | EA | 2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 211.20 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0323** | | **55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)* | | |
| 26 01 50 52-0324 | EA | 1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 306.58 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0325 | EA | 2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast | 344.26 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| **26 01 50 52-0326** | | **High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0001)* | | |
| **26 01 50 52-0327** | | **Magnetic High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0326)* | | |
| **26 01 50 52-0328** | | **Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)* | | |
| **26 01 50 52-0329** | | **Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)* | | |
| 26 01 50 52-0330 | EA | 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 166.83 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0331 | EA | 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 170.97 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0332 | EA | 1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 170.97 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0333 | EA | 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 159.17 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0334 | EA | 1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 159.17 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0335 | EA | 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 238.25 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0336 | EA | 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 238.25 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0337 | EA | 1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 307.89 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0338 | EA | 1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 343.42 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0339** | | **High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)* | | |
| 26 01 50 52-0340 | EA | 1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 150.45 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0341 | EA | 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 159.72 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0342 | EA | 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 155.72 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0343 | EA | 1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 183.57 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0344 | EA | 1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 179.59 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0345 | EA | 1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 205.43 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 52-0346 | EA | 1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 205.43 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0347 | EA | 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 248.42 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0348 | EA | 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 248.42 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0349 | EA | 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 399.25 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0350 | EA | 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast | 399.25 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0351** | | **Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)* | | |
| 26 01 50 52-0352 | EA | Single Mounting Bracket For Core And Coil Type | 16.34 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 01 50 52-0353 | EA | Double Mounting Bracket For Core And Coil Type | 27.20 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.97* | |
| **26 01 50 52-0354** | | **F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)* | | |
| **26 01 50 52-0355** | | **Metal Halide, F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0354)* | | |
| 26 01 50 52-0356 | EA | 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast | 212.47 | 27.62 |
| | | *For Pulse Start Ballast, Add* | *17.38* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0357 | EA | 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast | 223.97 | 27.62 |
| | | *For Pulse Start Ballast, Add* | *18.53* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0358 | EA | 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast | 203.77 | 27.62 |
| | | *For Pulse Start Ballast, Add* | *16.51* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0359 | EA | 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast | 236.96 | 27.62 |
| | | *For Pulse Start Ballast, Add* | *19.83* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0360 | EA | 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast | 329.99 | 27.62 |
| | | *For Pulse Start Ballast, Add* | *29.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0361** | | **High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0354)* | | |
| 26 01 50 52-0362 | EA | 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast | 256.04 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0363 | EA | 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast | 273.96 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0364** | | **Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)* | | |
| **26 01 50 52-0365** | | **Metal Halide, Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0364)* | | |
| 26 01 50 52-0366 | EA | 1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast | 427.83 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0367** | | **High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0364)* | | |
| 26 01 50 52-0368 | EA | 1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast | 660.47 | 27.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.57* | |
| 26 01 50 52-0369 | EA | 1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast | 736.86 | 27.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.57* | |
| 26 01 50 52-0370 | EA | 1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast | 710.43 | 27.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.57* | |
| **26 01 50 52-0371** | | **Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)* | | |
| **26 01 50 52-0372** | | **Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0371)* | | |
| 26 01 50 52-0373 | EA | 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 527.34 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0374 | EA | 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 598.87 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0375 | EA | 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 791.79 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0376 | EA | 1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 787.64 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0377 | EA | 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 1,104.41 | 29.84 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.27* | |
| 26 01 50 52-0378 | EA | 2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 1,104.41 | 29.84 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.27* | |
| 26 01 50 52-0379 | EA | 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 759.25 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0380 | EA | 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 893.70 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 01 50 52-0381** | | **High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0371)* | | |
| 26 01 50 52-0382 | EA | 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 986.16 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0383 | EA | 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 938.77 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0384 | EA | 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 1,207.43 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0385 | EA | 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast | 1,207.43 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0386** | | **Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)* | | |
| **26 01 50 52-0387** | | **Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0386)* | | |
| 26 01 50 52-0388 | EA | 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 592.89 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0389 | EA | 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 640.63 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0390 | EA | 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 635.93 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0391 | EA | 1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 667.92 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0392 | EA | 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 1,062.70 | 29.84 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.27* | |
| 26 01 50 52-0393 | EA | 2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 1,306.95 | 29.84 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.27* | |
| 26 01 50 52-0394 | EA | 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 991.71 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0395 | EA | 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 902.65 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0396** | | **High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0386)* | | |
| 26 01 50 52-0397 | EA | 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 766.14 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0398 | EA | 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 826.35 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0399 | EA | 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 1,235.22 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0400 | EA | 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast | 1,062.47 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0401** | | **Electronic High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0326)* | | |
| **26 01 50 52-0402** | | **Electronic Low Frequency High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0401)* | | |
| 26 01 50 52-0403 | EA | 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast | 235.37 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0404 | EA | 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast | 235.37 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0405 | EA | 1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast | 265.55 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0406 | EA | 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast | 688.51 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0407 | EA | 1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast | 688.51 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0408 | EA | 1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast | 688.51 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0409 | EA | 1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast | 688.51 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0410 | EA | 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast | 688.51 | 27.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| **26 01 50 52-0411** | | **Owner Supplied Ballasts** *(26 01 50 52-0001)* | | |
| 26 01 50 52-0412 | EA | Install Owner Supplied, 1 Lamp Fluorescent Ballast | 22.10 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 01 50 52-0413 | EA | Install Owner Supplied, 2 Lamp Fluorescent Ballast | 27.62 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 01 50 52-0414 | EA | Install Owner Supplied, 3 Lamp Fluorescent Ballast | 32.05 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.62* | |
| 26 01 50 52-0415 | EA | Install Owner Supplied, 4 Lamp Fluorescent Ballast | 34.25 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.28* | |
| 26 01 50 52-0416 | EA | Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast | 38.67 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.60* | |
| 26 01 50 52-0417 | EA | Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast | 40.89 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.27* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 26 01 50 53 Lens and Accessory Replacement *(26 01 50)*

### 26 01 50 53-0001 Lens and Accessory Replacement *(26 01 50 53)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 53-0002 | EA | Removal And Replacement Of Parabolic Aluminum Louver | 80.72 | |
| 26 01 50 53-0003 | EA | Removal And Replacement Of Visor For Fixtures | 175.30 | |
| 26 01 50 53-0004 | EA | Removal And Replacement Of Globe On Pole | 200.57 | |
| 26 01 50 53-0005 | EA | Removal And Replacement Of Lenses For Flat Top Pole Fixtures | 83.26 | |
| 26 01 50 53-0006 | EA | Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser | 28.40 | |
| 26 01 50 53-0007 | EA | Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser | 29.43 | |
| 26 01 50 53-0008 | EA | Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser | 33.87 | |
| 26 01 50 53-0009 | EA | Removal And Replacement Of Slide-On Lampholder | 12.62 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.31* | |
| 26 01 50 53-0010 | EA | Removal And Replacement Of Screw Mount Lampholder | 12.78 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.31* | |
| 26 01 50 53-0011 | EA | Removal And Replacement Of Medium Bi-Pin Lampholder | 14.14 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.31* | |
| 26 01 50 53-0012 | EA | Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type | 16.22 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.31* | |
| 26 01 50 53-0013 | EA | Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type | 17.58 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.31* | |
| 26 01 50 53-0014 | EA | Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in | 13.93 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.31* | |
| 26 01 50 53-0015 | EA | Removal And Replacement Of Exterior Light Globes | 54.49 | |

## 26 01 50 81 Luminaire Replacement *(26 01 50)*

### 26 01 50 81-0001 Retrofit Lighting Fixtures *(26 01 50 81)*

### 26 01 50 81-0002 Retrofit Existing (T12) Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0374 for hazardous lamp recycling.

### 26 01 50 81-0003 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 01 50 81-0002)*

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

| | | | | |
|---|---|---|---|---|
| 26 01 50 81-0004 | EA | Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp | 94.27 | |
| | | *For Specular Ballast Cover, Add* | *11.14* | |
| 26 01 50 81-0005 | EA | Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps | 99.83 | |
| | | *For Specular Ballast Cover, Add* | *12.25* | |
| 26 01 50 81-0006 | EA | Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps | 135.93 | |
| | | *For Specular Ballast Cover, Add* | *19.47* | |
| 26 01 50 81-0007 | EA | Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps | 155.38 | |
| | | *For Specular Ballast Cover, Add* | *23.36* | |

### 26 01 50 81-0008 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 01 50 81-0002)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

| | | | | |
|---|---|---|---|---|
| 26 01 50 81-0009 | EA | Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp | 99.58 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0010 | EA | Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps | 105.78 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0011 | EA | Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps | 143.36 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0012 | EA | Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps | 181.84 | |
| | | *For Specular Reflector, Add* | *17.05* | |

### 26 01 50 81-0013 Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 01 50 81-0002)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

| | | | | |
|---|---|---|---|---|
| 26 01 50 81-0014 | EA | Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps | 124.41 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0015 | EA | Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps | 129.97 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0016 | EA | Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps | 133.07 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0017 | EA | Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps | 148.63 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0018 | EA | Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps | 179.94 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0019 | EA | Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps | 136.34 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0020 | EA | Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps | 149.30 | |
| | | *For Specular Reflector, Add* | *17.05* | |
| 26 01 50 81-0021 | EA | Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps | 160.04 | |
| | | *For Specular Reflector, Add* | *17.05* | |

### 26 01 50 81-0022 Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 81-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 81-0023 | | **Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia)** *(26 01 50 81-0022)*<br>Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps. | | |
| 26 01 50 81-0024 | EA | 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R) | 151.80 | |
| 26 01 50 81-0025 | EA | 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R) | 151.80 | |
| 26 01 50 81-0026 | EA | 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R) | 151.80 | |
| 26 01 50 81-0027 | EA | 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R) | 164.91 | |
| 26 01 50 81-0028 | EA | 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT) | 151.80 | |
| 26 01 50 81-0029 | EA | 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT) | 151.80 | |
| 26 01 50 81-0030 | EA | 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT) | 151.80 | |
| 26 01 50 81-0031 | EA | 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT) | 164.91 | |
| 26 01 50 81-0032 | EA | 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R) | 152.62 | |
| 26 01 50 81-0033 | EA | 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R) | 152.62 | |
| 26 01 50 81-0034 | EA | 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R) | 152.62 | |
| 26 01 50 81-0035 | EA | 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R) | 165.73 | |
| 26 01 50 81-0036 | EA | 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT) | 152.62 | |
| 26 01 50 81-0037 | EA | 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT) | 152.62 | |
| 26 01 50 81-0038 | EA | 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT) | 152.62 | |
| 26 01 50 81-0039 | EA | 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT) | 165.73 | |
| 26 01 50 81-0040 | | **LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED)** *(26 01 50 81-0022)*<br>Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps. | | |
| 26 01 50 81-0041 | EA | 2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025) | 210.06 | |
| 26 01 50 81-0042 | EA | 4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045) | 218.97 | |
| 26 01 50 81-0043 | | **LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™)** *(26 01 50 81-0022)*<br>Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps. | | |
| 26 01 50 81-0044 | EA | 1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L) | 308.75 | |
| 26 01 50 81-0045 | EA | 2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L) | 316.16 | |
| 26 01 50 81-0046 | EA | 2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L) | 308.75 | |
| 26 01 50 81-0047 | EA | 3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L) | 316.16 | |
| 26 01 50 81-0048 | EA | 3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L) | 353.18 | |
| 26 01 50 81-0049 | EA | 4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L) | 364.29 | |
| 26 01 50 81-0050 | EA | 5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L) | 390.20 | |
| 26 01 50 81-0051 | | **LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion)** *(26 01 50 81-0022)*<br>Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps. | | |
| 26 01 50 81-0052 | EA | 3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST) | 286.09 | |
| 26 01 50 81-0053 | EA | 3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST) | 296.42 | |
| 26 01 50 81-0054 | EA | 3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST) | 299.51 | |
| 26 01 50 81-0055 | EA | 3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST) | 309.84 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 81-0056 | EA | 2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST) | 216.38 | |
| 26 01 50 81-0057 | EA | 4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST) | 221.28 | |
| 26 01 50 81-0058 | EA | 3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST) | 229.13 | |
| 26 01 50 81-0059 | EA | 4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST) | 234.04 | |
| 26 01 50 81-0060 | EA | 6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST) | 288.98 | |
| 26 01 50 81-0061 | EA | 8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST) | 343.92 | |

### 26 01 50 81-0062 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) *(26 01 50 81-0022)*

Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps.

| | | | | |
|---|---|---|---|---|
| 26 01 50 81-0063 | EA | 1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 258.07 | |
| 26 01 50 81-0064 | EA | 1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 191.14 | |
| 26 01 50 81-0065 | EA | 2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 264.72 | |
| 26 01 50 81-0066 | EA | 2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 197.71 | |
| 26 01 50 81-0067 | EA | 3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 276.93 | |
| 26 01 50 81-0068 | EA | 3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 215.23 | |
| 26 01 50 81-0069 | EA | 1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 304.33 | |
| 26 01 50 81-0070 | EA | 1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 237.22 | |
| 26 01 50 81-0071 | EA | 2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 310.57 | |
| 26 01 50 81-0072 | EA | 2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 243.49 | |
| 26 01 50 81-0073 | EA | 3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 322.65 | |
| 26 01 50 81-0074 | EA | 3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) | 260.95 | |

### 26 01 50 81-0075 LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) *(26 01 50 81-0022)*

Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps.

| | | | | |
|---|---|---|---|---|
| 26 01 50 81-0076 | EA | 3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) | 568.61 | |
| 26 01 50 81-0077 | EA | 4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT) | 631.68 | |

### 26 01 50 81-0078 Retrofit Existing HID Fixtures *(26 01 50 81-0001)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 81-0079 | EA | Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P) | 1,288.75 | |

### 26 01 50 81-0080 LED Lighting Retrofits For Existing Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 26 01 50 51-0374 for disposal of hazardous lamps.

### 26 01 50 81-0081 LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0080)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 81-0082 | EA | 2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT) | 103.97 | |
| | | *For >25 To 50, Deduct* | *-5.20* | |
| | | *For >50 To 100, Deduct* | *-9.04* | |
| | | *For >100, Deduct* | *-15.36* | |
| 26 01 50 81-0083 | EA | 2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT) | 150.58 | |
| | | *For >25 To 50, Deduct* | *-7.53* | |
| | | *For >50 To 100, Deduct* | *-12.53* | |
| | | *For >100, Deduct* | *-20.02* | |
| 26 01 50 81-0084 | EA | 3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT) | 113.04 | |
| | | *For >25 To 50, Deduct* | *-5.65* | |
| | | *For >50 To 100, Deduct* | *-9.79* | |
| | | *For >100, Deduct* | *-16.54* | |
| 26 01 50 81-0085 | EA | 3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT) | 103.95 | |
| | | *For >25 To 50, Deduct* | *-5.20* | |
| | | *For >50 To 100, Deduct* | *-9.10* | |
| | | *For >100, Deduct* | *-15.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 81-0086 | EA | 4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT) | 135.88 | |
| | | *For >25 To 50, Deduct* | *-6.79* | |
| | | *For >50 To 100, Deduct* | *-11.57* | |
| | | *For >100, Deduct* | *-19.10* | |
| 26 01 50 81-0087 | EA | 4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT) | 176.28 | |
| | | *For >25 To 50, Deduct* | *-8.81* | |
| | | *For >50 To 100, Deduct* | *-14.60* | |
| | | *For >100, Deduct* | *-23.14* | |
| 26 01 50 81-0088 | EA | 4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT) | 112.31 | |
| | | *For >25 To 50, Deduct* | *-5.62* | |
| | | *For >50 To 100, Deduct* | *-9.80* | |
| | | *For >100, Deduct* | *-16.74* | |
| 26 01 50 81-0089 | EA | 4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT) | 112.31 | |
| | | *For >25 To 50, Deduct* | *-5.62* | |
| | | *For >50 To 100, Deduct* | *-9.80* | |
| | | *For >100, Deduct* | *-16.74* | |
| 26 01 50 81-0090 | EA | 4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT) | 143.96 | |
| | | *For >25 To 50, Deduct* | *-7.20* | |
| | | *For >50 To 100, Deduct* | *-12.17* | |
| | | *For >100, Deduct* | *-19.91* | |
| 26 01 50 81-0091 | EA | 4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT) | 122.41 | |
| | | *For >25 To 50, Deduct* | *-6.12* | |
| | | *For >50 To 100, Deduct* | *-10.56* | |
| | | *For >100, Deduct* | *-17.75* | |
| 26 01 50 81-0092 | EA | 4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT) | 122.41 | |
| | | *For >25 To 50, Deduct* | *-6.12* | |
| | | *For >50 To 100, Deduct* | *-10.56* | |
| | | *For >100, Deduct* | *-17.75* | |

## 26 01 50 81-0093 LED Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0080)*

| | | | | |
|---|---|---|---|---|
| 26 01 50 81-0094 | EA | 1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2) | 246.00 | |
| | | *For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add* | *161.11* | |
| | | *For nLight AIR radio module without sensor (nLight RIO), Add* | *104.73* | |
| | | *For >25 To 50, Deduct* | *-12.30* | |
| | | *For >50 To 100, Deduct* | *-19.83* | |
| | | *For >100, Deduct* | *-30.11* | |
| 26 01 50 81-0095 | EA | 1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2) | 265.10 | |
| | | *For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add* | *161.11* | |
| | | *For nLight AIR radio module without sensor (nLight RIO), Add* | *104.73* | |
| | | *For >25 To 50, Deduct* | *-13.26* | |
| | | *For >50 To 100, Deduct* | *-21.26* | |
| | | *For >100, Deduct* | *-32.02* | |
| 26 01 50 81-0096 | EA | 2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2) | 279.39 | |
| | | *For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add* | *161.11* | |
| | | *For nLight AIR radio module without sensor (nLight RIO), Add* | *104.73* | |
| | | *For >25 To 50, Deduct* | *-13.97* | |
| | | *For >50 To 100, Deduct* | *-22.33* | |
| | | *For >100, Deduct* | *-33.45* | |
| 26 01 50 81-0097 | EA | 2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2) | 301.70 | |
| | | *For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add* | *161.11* | |
| | | *For nLight AIR radio module without sensor (nLight RIO), Add* | *104.73* | |
| | | *For >25 To 50, Deduct* | *-15.09* | |
| | | *For >50 To 100, Deduct* | *-24.00* | |
| | | *For >100, Deduct* | *-35.68* | |
| 26 01 50 81-0098 | EA | 2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO) | 323.72 | |
| | | *For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add* | *161.11* | |
| | | *For nLight AIR radio module without sensor (nLight RIO), Add* | *104.73* | |
| | | *For >25 To 50, Deduct* | *-16.19* | |
| | | *For >50 To 100, Deduct* | *-25.93* | |
| | | *For >100, Deduct* | *-38.98* | |
| 26 01 50 81-0099 | EA | 2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO) | 349.63 | |
| | | *For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add* | *161.11* | |
| | | *For nLight AIR radio module without sensor (nLight RIO), Add* | *104.73* | |
| | | *For >25 To 50, Deduct* | *-17.48* | |
| | | *For >50 To 100, Deduct* | *-27.88* | |
| | | *For >100, Deduct* | *-41.57* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 81-0100 | | LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights) *(26 01 50 81-0080)* | | |
| | | Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps. | | |
| 26 01 50 81-0101 | EA | 2' Dimmable, 20 Watts, 2900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40) | 94.36 | |
| | | Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-4.72* | |
| | | *For >50 To 100, Deduct* | *-8.32* | |
| | | *For >100, Deduct* | *-14.40* | |
| 26 01 50 81-0102 | EA | 2' Dimmable, 20 Watts, 2900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50) | 94.36 | |
| | | Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-4.72* | |
| | | *For >50 To 100, Deduct* | *-8.32* | |
| | | *For >100, Deduct* | *-14.40* | |
| 26 01 50 81-0103 | EA | 4' Dimmable, 32 Watts, 5000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40) | 123.85 | |
| | | Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.19* | |
| | | *For >50 To 100, Deduct* | *-10.67* | |
| | | *For >100, Deduct* | *-17.89* | |
| 26 01 50 81-0104 | EA | 4' Dimmable, 32 Watts, 5000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50) | 123.85 | |
| | | Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.19* | |
| | | *For >50 To 100, Deduct* | *-10.67* | |
| | | *For >100, Deduct* | *-17.89* | |
| 26 01 50 81-0105 | EA | 4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30) | 123.95 | |
| | | Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.20* | |
| | | *For >50 To 100, Deduct* | *-10.67* | |
| | | *For >100, Deduct* | *-17.90* | |
| 26 01 50 81-0106 | EA | 4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F) | 134.97 | |
| | | Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.75* | |
| | | *For >50 To 100, Deduct* | *-11.50* | |
| | | *For >100, Deduct* | *-19.01* | |
| 26 01 50 81-0107 | EA | 4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35) | 123.95 | |
| | | Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.20* | |
| | | *For >50 To 100, Deduct* | *-10.67* | |
| | | *For >100, Deduct* | *-17.90* | |
| 26 01 50 81-0108 | EA | 4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F) | 134.97 | |
| | | Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.75* | |
| | | *For >50 To 100, Deduct* | *-11.50* | |
| | | *For >100, Deduct* | *-19.01* | |
| 26 01 50 81-0109 | EA | 4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40) | 123.95 | |
| | | Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.20* | |
| | | *For >50 To 100, Deduct* | *-10.67* | |
| | | *For >100, Deduct* | *-17.90* | |
| 26 01 50 81-0110 | EA | 4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F) | 134.97 | |
| | | Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.75* | |
| | | *For >50 To 100, Deduct* | *-11.50* | |
| | | *For >100, Deduct* | *-19.01* | |
| 26 01 50 81-0111 | EA | 4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50) | 123.95 | |
| | | Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.20* | |
| | | *For >50 To 100, Deduct* | *-10.67* | |
| | | *For >100, Deduct* | *-17.90* | |
| 26 01 50 81-0112 | EA | 4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F) | 134.97 | |
| | | Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.75* | |
| | | *For >50 To 100, Deduct* | *-11.50* | |
| | | *For >100, Deduct* | *-19.01* | |
| 26 01 50 81-0113 | EA | 4' Dimmable, 46 Watts, 6800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50) | 134.88 | |
| | | Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-6.74* | |
| | | *For >50 To 100, Deduct* | *-11.49* | |
| | | *For >100, Deduct* | *-19.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 01 50 81-0114 | EA | 4' Dimmable, 31 Watts, 5730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40) | 158.48 | |
| | | Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-7.92* | |
| | | *For >50 To 100, Deduct* | *-13.26* | |
| | | *For >100, Deduct* | *-21.36* | |
| 26 01 50 81-0115 | EA | 4' Dimmable, 31 Watts, 5730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F) | 172.26 | |
| | | Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-8.61* | |
| | | *For >50 To 100, Deduct* | *-14.30* | |
| | | *For >100, Deduct* | *-22.74* | |
| 26 01 50 81-0116 | EA | 4' Dimmable, 31 Watts, 5730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50) | 158.48 | |
| | | Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-7.92* | |
| | | *For >50 To 100, Deduct* | *-13.26* | |
| | | *For >100, Deduct* | *-21.36* | |
| 26 01 50 81-0117 | EA | 4' Dimmable, 31 Watts, 5730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F) | 172.26 | |
| | | Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-8.61* | |
| | | *For >50 To 100, Deduct* | *-14.30* | |
| | | *For >100, Deduct* | *-22.74* | |
| 26 01 50 81-0118 | EA | 20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800) | 169.55 | |
| | | Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts | | |
| | | *For >25 To 50, Deduct* | *-8.48* | |
| | | *For >50 To 100, Deduct* | *-12.99* | |
| | | *For >100, Deduct* | *-18.06* | |
| 26 01 50 81-0119 | EA | 20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W) | 155.60 | |
| | | Note: 90-minute emergency battery with power output of 20 Watts | | |
| | | *For >25 To 50, Deduct* | *-7.78* | |
| | | *For >50 To 100, Deduct* | *-11.95* | |
| | | *For >100, Deduct* | *-16.66* | |
| 26 01 50 81-0120 | EA | 8' Dimmable, 46 Watts, 7400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50) | 161.06 | |
| | | Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-8.05* | |
| | | *For >50 To 100, Deduct* | *-13.87* | |
| | | *For >100, Deduct* | *-23.27* | |
| 26 01 50 81-0121 | EA | 8' Dimmable, 49 Watts, 6680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F) | 167.95 | |
| | | Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-8.40* | |
| | | *For >50 To 100, Deduct* | *-14.39* | |
| | | *For >100, Deduct* | *-23.96* | |
| 26 01 50 81-0122 | EA | 8' Dimmable, 64 Watts, 11850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40) | 235.66 | |
| | | Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-11.78* | |
| | | *For >50 To 100, Deduct* | *-19.47* | |
| | | *For >100, Deduct* | *-30.73* | |
| 26 01 50 81-0123 | EA | 8' Dimmable, 64 Watts, 11850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F) | 263.23 | |
| | | Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-13.16* | |
| | | *For >50 To 100, Deduct* | *-21.53* | |
| | | *For >100, Deduct* | *-33.49* | |
| 26 01 50 81-0124 | EA | 8' Dimmable, 64 Watts, 11850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50) | 235.66 | |
| | | Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-11.78* | |
| | | *For >50 To 100, Deduct* | *-19.47* | |
| | | *For >100, Deduct* | *-30.73* | |
| 26 01 50 81-0125 | EA | 8' Dimmable, 64 Watts, 11850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F) | 263.23 | |
| | | Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver | | |
| | | *For >25 To 50, Deduct* | *-13.16* | |
| | | *For >50 To 100, Deduct* | *-21.53* | |
| | | *For >100, Deduct* | *-33.49* | |

## 26 05 Common Work Results for Electrical *(26)*

### 26 05 13 Medium-Voltage Cables *(26 05)*

**26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables** ***(26 05 13)***

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 13 16-0001 | | **Wire And Cable** *(26 05 13 16)*<br>Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations. | | |
| 26 05 13 16-0002 | | **Wire Connections** *(26 05 13 16-0001)* | | |
| 26 05 13 16-0003 | | **Medium Voltage Up To 5 KV** *(26 05 13 16-0002)* | | |
| 26 05 13 16-0004 | | **Shielded One Conductor Cable Splice** *(26 05 13 16-0003)* | | |
| 26 05 13 16-0005 | EA | #6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 359.25 | 109.99 |
| 26 05 13 16-0006 | EA | #2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 496.28 | 109.99 |
| 26 05 13 16-0007 | EA | 1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 496.28 | 109.99 |
| 26 05 13 16-0008 | EA | 2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 529.02 | 131.99 |
| 26 05 13 16-0009 | EA | 3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 529.02 | 131.99 |
| 26 05 13 16-0010 | EA | 4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 529.02 | 131.99 |
| 26 05 13 16-0011 | EA | 250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 572.66 | 153.99 |
| 26 05 13 16-0012 | EA | 350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 572.66 | 153.99 |
| 26 05 13 16-0013 | EA | 500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV | 572.66 | 153.99 |
| 26 05 13 16-0014 | | **Cable Termination Without Stress Cone** *(26 05 13 16-0003)* | | |
| 26 05 13 16-0015 | EA | #6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV | 552.75 | 131.99 |
| 26 05 13 16-0016 | EA | 250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV | 637.24 | 153.99 |
| 26 05 13 16-0017 | | **Cable Termination With Stress Cone** *(26 05 13 16-0003)* | | |
| 26 05 13 16-0018 | EA | #6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV | 1,701.42 | 263.98 |
| 26 05 13 16-0019 | EA | 250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV | 2,336.08 | 362.97 |
| 26 05 13 16-0020 | | **Connect To Pothead, Pothead Included** *(26 05 13 16-0003)* | | |
| 26 05 13 16-0021 | EA | #6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV | 1,784.18 | 263.98 |
| 26 05 13 16-0022 | EA | 250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV | 2,296.65 | 302.48 |
| 26 05 13 16-0023 | | **Two Conductor Pothead** *(26 05 13 16-0003)*<br>Note: Includes 5 KV pothead. | | |
| 26 05 13 16-0024 | EA | #6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV | 1,231.87 | 362.97 |
| 26 05 13 16-0025 | EA | 250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV | 1,664.47 | 461.97 |
| 26 05 13 16-0026 | EA | 400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV | 2,615.99 | 523.79 |
| 26 05 13 16-0027 | EA | 750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV | 4,359.03 | 611.12 |
| 26 05 13 16-0028 | EA | 1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV | 8,106.98 | 916.57 |
| 26 05 13 16-0029 | | **Three Conductor Pothead** *(26 05 13 16-0003)*<br>Note: Includes 5 KV pothead. | | |
| 26 05 13 16-0030 | EA | #6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV | 5,415.74 | 527.97 |
| 26 05 13 16-0031 | EA | 250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV | 5,913.90 | 615.96 |
| 26 05 13 16-0032 | | **Copper Cable Splice, Crimp Compression Connection** *(26 05 13 16-0003)*<br>Note: For bare wire. | | |
| 26 05 13 16-0033 | EA | #6 AWG Crimp Compression Connection For Bare Copper Wire | 74.50 | |
| 26 05 13 16-0034 | EA | #4 AWG Crimp Compression Connection For Bare Copper Wire | 82.56 | |
| 26 05 13 16-0035 | EA | #3 AWG Crimp Compression Connection For Bare Copper Wire | 96.24 | |
| 26 05 13 16-0036 | EA | #2 AWG Crimp Compression Connection For Bare Copper Wire | 108.76 | |
| 26 05 13 16-0037 | EA | #1 AWG Crimp Compression Connection For Bare Copper Wire | 122.92 | |
| 26 05 13 16-0038 | EA | 1/0 AWG Crimp Compression Connection For Bare Copper Wire | 136.43 | |
| 26 05 13 16-0039 | EA | 2/0 AWG Crimp Compression Connection For Bare Copper Wire | 149.67 | |
| 26 05 13 16-0040 | EA | 3/0 AWG Crimp Compression Connection For Bare Copper Wire | 164.02 | |
| 26 05 13 16-0041 | EA | 4/0 AWG Crimp Compression Connection For Bare Copper Wire | 177.69 | |
| 26 05 13 16-0042 | EA | 250 MCM Crimp Compression Connection For Bare Copper Wire | 191.87 | |
| 26 05 13 16-0043 | EA | 300 MCM Crimp Compression Connection For Bare Copper Wire | 206.69 | |
| 26 05 13 16-0044 | EA | 350 MCM Crimp Compression Connection For Bare Copper Wire | 219.99 | |
| 26 05 13 16-0045 | EA | 400 MCM Crimp Compression Connection For Bare Copper Wire | 249.22 | |
| 26 05 13 16-0046 | EA | 500 MCM Crimp Compression Connection For Bare Copper Wire | 279.98 | |
| 26 05 13 16-0047 | | **Aluminum Cable Splice, Crimp Compression Connection** *(26 05 13 16-0003)*<br>Note: For bare wire. | | |
| 26 05 13 16-0048 | EA | #6 AWG Crimp Compression Connection For Bare Aluminum Wire | 77.46 | |
| 26 05 13 16-0049 | EA | #4 AWG Crimp Compression Connection For Bare Aluminum Wire | 84.19 | |
| 26 05 13 16-0050 | EA | #2 AWG Crimp Compression Connection For Bare Aluminum Wire | 114.14 | |
| 26 05 13 16-0051 | EA | #1 AWG Crimp Compression Connection For Bare Aluminum Wire | 136.62 | |
| 26 05 13 16-0052 | EA | 1/0 AWG Crimp Compression Connection For Bare Aluminum Wire | 149.36 | |
| 26 05 13 16-0053 | EA | 2/0 AWG Crimp Compression Connection For Bare Aluminum Wire | 162.01 | |
| 26 05 13 16-0054 | EA | 3/0 AWG Crimp Compression Connection For Bare Aluminum Wire | 178.36 | |
| 26 05 13 16-0055 | EA | 4/0 AWG Crimp Compression Connection For Bare Aluminum Wire | 192.85 | |
| 26 05 13 16-0056 | EA | 250 MCM Crimp Compression Connection For Bare Aluminum Wire | 206.67 | |
| 26 05 13 16-0057 | EA | 300 MCM Crimp Compression Connection For Bare Aluminum Wire | 221.16 | |
| 26 05 13 16-0058 | EA | 350 MCM Crimp Compression Connection For Bare Aluminum Wire | 235.17 | |
| 26 05 13 16-0059 | EA | 400 MCM Crimp Compression Connection For Bare Aluminum Wire | 270.98 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 13 16-0060 | EA | 500 MCM Crimp Compression Connection For Bare Aluminum Wire | 307.13 | |
| 26 05 13 16-0061 | | 15 KV *(26 05 13 16-0002)* | | |
| 26 05 13 16-0062 | | Single Conductor Pothead On Racks *(26 05 13 16-0061)* | | |
| | | Note: Includes pothead. | | |
| 26 05 13 16-0063 | EA | #2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks | 1,491.57 | 461.97 |
| 26 05 13 16-0064 | EA | 250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks | 1,907.88 | 571.96 |
| 26 05 13 16-0065 | | Two Conductor Pothead On Rack *(26 05 13 16-0061)* | | |
| | | Note: Includes pothead. | | |
| 26 05 13 16-0066 | EA | #2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks | 2,185.62 | 703.95 |
| 26 05 13 16-0067 | EA | 250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks | 2,634.18 | 835.95 |
| 26 05 13 16-0068 | | Three Conductor Pothead On Rack *(26 05 13 16-0061)* | | |
| | | Note: Includes pothead. | | |
| 26 05 13 16-0069 | EA | #2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks | 2,784.07 | 912.94 |
| 26 05 13 16-0070 | EA | 250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks | 3,466.76 | 1,143.93 |
| 26 05 13 16-0071 | | Stress Relief Cone On Rack *(26 05 13 16-0061)* | | |
| 26 05 13 16-0072 | EA | #2 To 4/0 AWG Stress Relief Cone, On Rack | 1,391.57 | 461.97 |
| 26 05 13 16-0073 | EA | 250 To 500 MCM Stress Relief Cone, On Rack | 1,795.46 | 571.96 |
| 26 05 13 16-0074 | | Grounded, Shielded Cable Splice *(26 05 13 16-0061)* | | |
| 26 05 13 16-0075 | EA | #2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV | 949.08 | 340.98 |
| 26 05 13 16-0076 | EA | 250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV | 1,214.79 | 439.97 |
| 26 05 13 16-0077 | EA | 3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way | 6,198.10 | 1,209.92 |
| 26 05 13 16-0078 | EA | 3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way | 8,051.89 | 1,319.92 |
| 26 05 13 16-0079 | | Cable Termination *(26 05 13 16-0061)* | | |
| 26 05 13 16-0080 | EA | #2 To 3/0 AWG Cable Termination 15 KV | 643.08 | 192.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *115.49* | |
| 26 05 13 16-0081 | EA | 4/0 To 250 MCM Cable Termination 15 KV | 810.76 | 247.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *148.49* | |
| 26 05 13 16-0082 | EA | 350 To 500 MCM Cable Termination 15 KV | 1,006.86 | 302.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *181.49* | |
| 26 05 13 16-0083 | EA | #2 To 3/0 AWG Cable Elbow Termination 15 KV | 414.68 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 05 13 16-0084 | | Stress Cones, 5-15 KV, 4 Skirted *(26 05 13 16-0061)* | | |
| 26 05 13 16-0085 | EA | #4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted | 861.88 | 142.99 |
| 26 05 13 16-0086 | EA | 2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted | 983.72 | 158.03 |
| 26 05 13 16-0087 | EA | 4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted | 1,174.16 | 172.95 |
| 26 05 13 16-0088 | EA | 400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted | 1,519.41 | 199.27 |
| 26 05 13 16-0089 | | Stress Cones, 5-15 KV, 6 Skirted *(26 05 13 16-0061)* | | |
| 26 05 13 16-0090 | EA | #4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted | 1,723.79 | 286.47 |
| 26 05 13 16-0091 | EA | 2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted | 1,967.69 | 316.08 |
| 26 05 13 16-0092 | EA | 4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted | 2,335.46 | 339.49 |
| 26 05 13 16-0093 | EA | 400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted | 3,038.82 | 398.53 |
| 26 05 13 16-0094 | | 35 KV *(26 05 13 16-0002)* | | |
| 26 05 13 16-0095 | | 35 KV One Conductor Splice *(26 05 13 16-0094)* | | |
| 26 05 13 16-0096 | EA | #1 Stranded To 4/0 Stranded, 35 KV, Cable Splicing | 2,374.89 | |
| 26 05 13 16-0097 | | Cable Termination *(26 05 13 16-0094)* | | |
| 26 05 13 16-0098 | EA | #2 To 3/0 AWG Cable Termination, 35 KV | 575.63 | 132.10 |
| 26 05 13 16-0099 | EA | 3/0 AWG To 250 MCM, 35 KV, Cable Termination | 779.62 | 199.31 |
| 26 05 13 16-0100 | EA | 350 To 500 MCM Cable Termination 35 KV | 911.34 | 213.17 |
| 26 05 13 16-0101 | EA | #2 To 3/0 AWG Cable Elbow Termination 35 KV | 454.95 | 109.99 |
| 26 05 13 16-0102 | | 70 KV *(26 05 13 16-0002)* | | |
| 26 05 13 16-0103 | | Cable Splice *(26 05 13 16-0102)* | | |
| 26 05 13 16-0104 | EA | 350 MCM, 70 KV, Cable Splicing | 13,847.84 | |
| 26 05 13 16-0105 | EA | #2 To 4/0, 70 KV, Cable Splicing | 2,476.04 | |
| 26 05 13 16-0106 | | 5 KV Cable *(26 05 13 16-0001)* | | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 13 16-0107 | | Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct *(26 05 13 16-0106)* | | |
| 26 05 13 16-0108 | MLF | #6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 3,734.77 | 878.78 |
| 26 05 13 16-0109 | MLF | #4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 4,477.91 | 959.54 |
| 26 05 13 16-0110 | MLF | #2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 5,387.54 | 1,084.12 |
| 26 05 13 16-0111 | MLF | 1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 7,041.66 | 1,335.69 |
| 26 05 13 16-0112 | MLF | 2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 8,032.43 | 1,504.10 |
| 26 05 13 16-0113 | MLF | 3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 9,984.04 | 1,669.52 |
| 26 05 13 16-0114 | MLF | 4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 11,240.43 | 1,875.87 |
| 26 05 13 16-0115 | MLF | 250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 13,442.71 | 2,086.99 |
| 26 05 13 16-0116 | MLF | 350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 15,628.45 | 2,491.82 |
| 26 05 13 16-0117 | MLF | 500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 19,854.31 | 2,929.08 |
| 26 05 13 16-0118 | MLF | 750 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 30,230.69 | 3,452.23 |
| 26 05 13 16-0119 | MLF | 1,000 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 40,612.55 | 3,975.14 |
| 26 05 13 16-0120 | | Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial *(26 05 13 16-0106)* | | |
| | | Note: Excludes excavation. | | |
| 26 05 13 16-0121 | MLF | #6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 3,624.93 | |
| 26 05 13 16-0122 | MLF | #4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 4,166.08 | |
| 26 05 13 16-0123 | MLF | #2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 4,764.19 | |
| 26 05 13 16-0124 | MLF | 1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 5,995.90 | |
| 26 05 13 16-0125 | MLF | 2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 6,565.52 | |
| 26 05 13 16-0126 | MLF | 3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 8,309.49 | |
| 26 05 13 16-0127 | MLF | 4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 9,050.00 | |
| 26 05 13 16-0128 | MLF | 250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 10,935.66 | |
| 26 05 13 16-0129 | MLF | 350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 12,218.96 | |
| 26 05 13 16-0130 | MLF | 500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 15,450.48 | |
| 26 05 13 16-0131 | | Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) *(26 05 13 16-0106)* | | |
| 26 05 13 16-0132 | MLF | #6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 2,989.14 | 548.87 |
| 26 05 13 16-0133 | MLF | #4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 3,635.33 | 588.50 |
| 26 05 13 16-0134 | MLF | #2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 4,644.89 | 744.21 |
| 26 05 13 16-0135 | MLF | 1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 6,091.28 | 903.45 |
| 26 05 13 16-0136 | MLF | 2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 7,076.34 | 1,060.57 |
| 26 05 13 16-0137 | MLF | 3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 9,017.12 | 1,212.87 |
| 26 05 13 16-0138 | MLF | 4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 10,271.57 | 1,407.27 |
| 26 05 13 16-0139 | MLF | 250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 12,906.50 | 1,770.44 |
| 26 05 13 16-0140 | MLF | 350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 15,321.87 | 2,240.16 |
| 26 05 13 16-0141 | MLF | 500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 19,973.51 | 2,814.55 |
| 26 05 13 16-0142 | | 5 KV Non-Shielded Single Copper Conductor *(26 05 13 16-0106)* | | |
| 26 05 13 16-0143 | MLF | 1/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 8,222.17 | 1,751.28 |
| 26 05 13 16-0144 | MLF | 2/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 9,630.54 | 1,776.45 |
| 26 05 13 16-0145 | MLF | 3/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 11,038.92 | 1,801.62 |
| 26 05 13 16-0146 | MLF | 4/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 11,522.66 | 1,841.44 |
| 26 05 13 16-0147 | MLF | 350 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 13,977.70 | 1,911.69 |
| 26 05 13 16-0148 | MLF | 500 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 20,384.46 | 2,003.47 |
| 26 05 13 16-0149 | MLF | 750 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 31,887.15 | 2,504.34 |
| 26 05 13 16-0150 | MLF | 1,000 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 36,536.73 | 3,339.16 |
| 26 05 13 16-0151 | | Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct *(26 05 13 16-0106)* | | |
| 26 05 13 16-0152 | MLF | #6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 4,011.60 | 878.78 |
| 26 05 13 16-0153 | MLF | #4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 4,852.15 | 959.54 |
| 26 05 13 16-0154 | MLF | #2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 5,869.44 | 1,084.12 |
| 26 05 13 16-0155 | MLF | #1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 6,788.62 | 1,209.85 |
| 26 05 13 16-0156 | MLF | 1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 7,708.12 | 1,335.69 |
| 26 05 13 16-0157 | MLF | 2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 8,801.42 | 1,504.10 |
| 26 05 13 16-0158 | MLF | 3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 11,029.86 | 1,669.52 |
| 26 05 13 16-0159 | MLF | 4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 12,419.54 | 1,875.87 |
| 26 05 13 16-0160 | MLF | 250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 14,923.27 | 2,086.99 |
| 26 05 13 16-0161 | MLF | 350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 17,320.23 | 2,491.82 |
| 26 05 13 16-0162 | MLF | 500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 22,110.01 | 2,929.08 |
| 26 05 13 16-0163 | MLF | 750 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 34,119.27 | 3,452.23 |
| 26 05 13 16-0164 | MLF | 1,000 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct | 46,133.99 | 3,975.14 |
| 26 05 13 16-0165 | | Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial *(26 05 13 16-0106)* | | |
| | | Note: Excludes excavation. | | |
| 26 05 13 16-0166 | MLF | #6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 3,901.77 | |
| 26 05 13 16-0167 | MLF | #4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 4,540.32 | |
| 26 05 13 16-0168 | MLF | #2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 5,246.09 | |
| 26 05 13 16-0169 | MLF | #1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 5,954.69 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 13 16-0170 | MLF | 1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 6,662.35 | |
| 26 05 13 16-0171 | MLF | 2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 7,334.51 | |
| 26 05 13 16-0172 | MLF | 3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 9,355.31 | |
| 26 05 13 16-0173 | MLF | 4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 10,229.11 | |
| 26 05 13 16-0174 | MLF | 250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 12,416.22 | |
| 26 05 13 16-0175 | MLF | 350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 13,910.73 | |
| 26 05 13 16-0176 | MLF | 500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 17,706.18 | |
| 26 05 13 16-0177 | | Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) *(26 05 13 16-0106)* | | |
| 26 05 13 16-0178 | MLF | #6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 3,265.97 | 548.87 |
| 26 05 13 16-0179 | MLF | #4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 4,009.57 | 588.50 |
| 26 05 13 16-0180 | MLF | #2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 5,126.79 | 744.21 |
| 26 05 13 16-0181 | MLF | #1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 5,940.79 | 823.24 |
| 26 05 13 16-0182 | MLF | 1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 6,757.74 | 903.45 |
| 26 05 13 16-0183 | MLF | 2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 7,845.33 | 1,060.57 |
| 26 05 13 16-0184 | MLF | 3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 10,062.94 | 1,212.87 |
| 26 05 13 16-0185 | MLF | 4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 11,450.68 | 1,407.27 |
| 26 05 13 16-0186 | MLF | 250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 14,387.06 | 1,770.44 |
| 26 05 13 16-0187 | MLF | 350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 17,013.64 | 2,240.16 |
| 26 05 13 16-0188 | MLF | 500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 22,229.21 | 2,814.55 |
| 26 05 13 16-0189 | | 15 KV Cable *(26 05 13 16-0001)* | | |
| 26 05 13 16-0190 | | Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0189)* | | |
| 26 05 13 16-0191 | | Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0190)* | | |
| 26 05 13 16-0192 | MLF | #4 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 8,173.73 | 1,751.28 |
| 26 05 13 16-0193 | MLF | #2 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 8,945.85 | 1,751.28 |
| 26 05 13 16-0194 | MLF | #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 9,240.36 | 1,751.28 |
| 26 05 13 16-0195 | MLF | 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 10,199.78 | 1,751.28 |
| 26 05 13 16-0196 | MLF | 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 11,110.42 | 1,751.28 |
| 26 05 13 16-0197 | MLF | 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 12,830.73 | 1,828.05 |
| 26 05 13 16-0198 | MLF | 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 13,188.47 | 1,828.05 |
| 26 05 13 16-0199 | MLF | 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 15,349.15 | 1,911.69 |
| 26 05 13 16-0200 | MLF | 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 17,558.88 | 1,956.52 |
| 26 05 13 16-0201 | MLF | 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct | 21,803.42 | 2,203.82 |
| 26 05 13 16-0202 | | Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0190)* Note: Excludes excavation. | | |
| 26 05 13 16-0203 | MLF | #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 7,356.51 | |
| 26 05 13 16-0204 | MLF | 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 8,315.92 | |
| 26 05 13 16-0205 | MLF | 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 9,226.55 | |
| 26 05 13 16-0206 | MLF | 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 10,971.09 | |
| 26 05 13 16-0207 | MLF | 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 11,328.82 | |
| 26 05 13 16-0208 | MLF | 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 13,592.74 | |
| 26 05 13 16-0209 | MLF | 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 15,805.85 | |
| 26 05 13 16-0210 | MLF | 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 19,799.95 | |
| 26 05 13 16-0211 | | Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0190)* | | |
| 26 05 13 16-0212 | MLF | #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 6,935.23 | 784.08 |
| 26 05 13 16-0213 | MLF | 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 8,210.30 | 903.45 |
| 26 05 13 16-0214 | MLF | 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 9,536.37 | 1,060.57 |
| 26 05 13 16-0215 | MLF | 3/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable | 11,467.75 | 1,212.87 |
| 26 05 13 16-0216 | MLF | 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 12,339.42 | 1,407.27 |
| 26 05 13 16-0217 | MLF | 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 14,901.71 | 1,638.25 |
| 26 05 13 16-0218 | MLF | 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 17,715.09 | 1,908.98 |
| 26 05 13 16-0219 | MLF | 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 22,157.15 | 2,217.47 |
| 26 05 13 16-0220 | | Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0189)* | | |
| 26 05 13 16-0221 | | Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0220)* | | |
| 26 05 13 16-0222 | MLF | #4 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 8,856.92 | 1,751.28 |
| 26 05 13 16-0223 | MLF | #2 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 9,768.02 | 1,751.28 |
| 26 05 13 16-0224 | MLF | #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 10,115.55 | 1,751.28 |
| 26 05 13 16-0225 | MLF | 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 11,247.67 | 1,751.28 |
| 26 05 13 16-0226 | MLF | 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 12,322.21 | 1,751.28 |
| 26 05 13 16-0227 | MLF | 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 14,317.66 | 1,828.05 |
| 26 05 13 16-0228 | MLF | 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 14,739.81 | 1,828.05 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 13 16-0229 | MLF | 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 17,251.73 | 1,911.69 |
| 26 05 13 16-0230 | MLF | 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 19,839.05 | 1,956.52 |
| 26 05 13 16-0231 | MLF | 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct | 24,736.32 | 2,203.82 |
| 26 05 13 16-0232 | | Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0220)* | | |
| | | Note: Excludes excavation. | | |
| 26 05 13 16-0233 | MLF | #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 8,231.69 | |
| 26 05 13 16-0234 | MLF | 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 9,363.80 | |
| 26 05 13 16-0235 | MLF | 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 10,438.35 | |
| 26 05 13 16-0236 | MLF | 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 12,458.02 | |
| 26 05 13 16-0237 | MLF | 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 12,880.15 | |
| 26 05 13 16-0238 | MLF | 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 15,489.78 | |
| 26 05 13 16-0239 | MLF | 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 18,078.17 | |
| 26 05 13 16-0240 | MLF | 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial | 22,732.85 | |
| 26 05 13 16-0241 | | Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0220)* | | |
| 26 05 13 16-0242 | MLF | #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 7,810.41 | 784.08 |
| 26 05 13 16-0243 | MLF | 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 9,258.18 | 903.45 |
| 26 05 13 16-0244 | MLF | 2/0 AWG, EPEPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 10,748.17 | 1,060.57 |
| 26 05 13 16-0245 | MLF | 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 12,954.68 | 1,212.87 |
| 26 05 13 16-0246 | MLF | 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 13,890.75 | 1,407.27 |
| 26 05 13 16-0247 | MLF | 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 16,804.29 | 1,638.25 |
| 26 05 13 16-0248 | MLF | 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 19,995.26 | 1,908.98 |
| 26 05 13 16-0249 | MLF | 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) | 25,090.05 | 2,217.47 |
| 26 05 13 16-0250 | | 15 KV Non-Shielded Single Copper Conductor *(26 05 13 16-0189)* | | |
| 26 05 13 16-0251 | MLF | 1/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 12,294.54 | 1,757.42 |
| 26 05 13 16-0252 | MLF | 2/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 10,424.30 | 1,799.43 |
| 26 05 13 16-0253 | MLF | 3/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 16,308.69 | 1,841.44 |
| 26 05 13 16-0254 | MLF | 350 MCM, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct | 22,839.80 | 1,964.15 |
| 26 05 13 16-0255 | | Shielded, Armored Copper, 15 KV, 3 Conductor Cable *(26 05 13 16-0189)* | | |
| | | Note: Laid in cable tray or hung in vertical cable shaft. | | |
| 26 05 13 16-0256 | | Galvanized Steel Interlocked Armor Cable *(26 05 13 16-0255)* | | |
| 26 05 13 16-0257 | LF | 3 Conductors, #2 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically | 54.65 | 13.40 |
| 26 05 13 16-0258 | LF | 3 Conductors, 1/0 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically | 66.56 | 14.27 |
| 26 05 13 16-0259 | | Aluminum Interlocked Armor Cable *(26 05 13 16-0255)* | | |
| 26 05 13 16-0260 | LF | 3 Conductors, #2 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically | 54.65 | 13.40 |
| 26 05 13 16-0261 | LF | 3 Conductor, 1/0 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically | 66.56 | 14.27 |
| 26 05 13 16-0262 | | Type URD, 15 KV Primary Concentric UD Cable *(26 05 13 16-0189)* | | |
| | | Note: 0.175" XLPE insulation, copper conductor. | | |
| 26 05 13 16-0263 | MLF | #4 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit | 4,037.70 | 878.78 |
| 26 05 13 16-0264 | MLF | #2 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit | 4,887.42 | 959.54 |
| 26 05 13 16-0265 | MLF | #1 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit | 5,914.86 | 1,084.12 |
| 26 05 13 16-0266 | MLF | 1/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit | 7,762.05 | 1,332.06 |
| 26 05 13 16-0267 | MLF | 2/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit | 8,862.64 | 1,499.60 |
| 26 05 13 16-0268 | MLF | 3/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit | 11,128.44 | 1,669.52 |
| 26 05 13 16-0269 | MLF | 4/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit | 12,513.18 | 1,868.86 |
| 26 05 13 16-0270 | | 15 KV, URD Copper Cable, Direct Burial *(26 05 13 16-0189)* | | |
| 26 05 13 16-0271 | MLF | 3 Conductors, #6 AWG, 15 KV, URD Copper Cable, Direct Burial | 22,075.59 | |

## 26 05 19 Low-Voltage Electrical Power Conductors and Cables *(26 05)*

### 26 05 19 13 Undercarpet Electrical Power Cables *(26 05 19)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 13-0001 | | Under Carpet Power System *(26 05 19 13)* | | |
| | | Note: Includes laying out, floor prep, taping, testing, drill floor, folds. | | |
| 26 05 19 13-0002 | LF | 3-Conductor, #12 Flat Cable With Attached Bottom Shield | 6.95 | 0.50 |
| 26 05 19 13-0003 | LF | Steel, Top Shield | 10.81 | 0.50 |
| 26 05 19 13-0004 | EA | 3-Conductor, Splice | 36.30 | 8.54 |
| 26 05 19 13-0005 | EA | Splice Top Shield For 3 Conductor | 9.62 | 4.02 |
| 26 05 19 13-0006 | EA | 3-Conductor, Tap | 45.60 | 10.05 |
| 26 05 19 13-0007 | EA | Insulating Patch, Splice Tap And End | 75.07 | 8.54 |
| 26 05 19 13-0008 | EA | 3-Conductor, Transition Block Assembly | 49.28 | 5.02 |
| 26 05 19 13-0009 | EA | Single, Direct Connected, Receptacle With Box | 148.14 | 16.07 |
| 26 05 19 13-0010 | EA | Dual, Direct Connected, Receptacle With Box | 247.81 | 25.12 |
| 26 05 19 13-0011 | EA | Floor Mounted Box With Cover | 249.69 | 20.10 |
| 26 05 19 13-0012 | LF | 5-Conductor, #12 Cable With Attached Bottom Shield | 11.24 | 0.50 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 13-0013 | LF | Steel, Top Shield For 5-Conductor Cable | 11.15 | 0.50 |
| 26 05 19 13-0014 | EA | 5-Conductor, Splice | 36.85 | 8.54 |
| 26 05 19 13-0015 | EA | 5-Conductor, Transition Block Assembly | 66.11 | 5.02 |
| 26 05 19 13-0016 | EA | Box, Wall, Flush With Cover | 105.92 | 20.10 |
| 26 05 19 13-0017 | EA | Telephone, Transition Fitting Wall Box | 67.96 | 16.58 |
| 26 05 19 13-0018 | EA | RJ-45, Telephone Fitting With Duplex Jack And Cover | 90.96 | 19.09 |
| 26 05 19 13-0019 | EA | Miniature Telephone With Duplex RJ-45 | 39.52 | 7.54 |
| 26 05 19 13-0020 | LF | 4-Pair, Level 5, Under Carpet Telephone Wire | 2.25 | 0.50 |
| 26 05 19 13-0021 | EA | BNC, Coax Plug, Connector | 29.28 | 10.05 |
| 26 05 19 13-0022 | EA | TNC, Coax Plug, Connector | 29.28 | 10.05 |
| 26 05 19 13-0023 | CLF | Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm | 155.40 | 50.24 |

## 26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables *(26 05 19)*

### 26 05 19 16-0001 Cable Installation Methods *(26 05 19 16)*

### 26 05 19 16-0002 Pull Cord *(26 05 19 16-0001)*

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0003 | LF | Pull String Installed To Remain In Place, In Existing Conduit | 0.35 | |
| 26 05 19 16-0004 | LF | Pull String Installed To Remain In Place, In New Conduits | 0.18 | |
| 26 05 19 16-0005 | LF | 1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit | 0.60 | |
| 26 05 19 16-0006 | LF | 1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits | 0.38 | |

### 26 05 19 16-0007 Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)*

Note: For installation under roads, driveways or other structures up to 20'.

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0008 | LF | Bore 1" To 4" Conduit Into Dirt Or Sand | 2.67 | |
| 26 05 19 16-0009 | LF | Bore 5" To 8" Conduit Into Dirt Or Sand | 3.40 | |
| 26 05 19 16-0010 | EA | Boring Minimum Set-Up Charge<br>Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section. | 374.27 | |

### 26 05 19 16-0011 Wire and Cable *(26 05 19 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0057 for various conduit types.

### 26 05 19 16-0012 600 Volt Wire *(26 05 19 16-0011)*

### 26 05 19 16-0013 Single Solid Conductor, Copper *(26 05 19 16-0012)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0014 | MLF | #14 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit | 639.25 | 243.87 |
| 26 05 19 16-0015 | MLF | #12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit | 808.39 | 286.88 |
| 26 05 19 16-0016 | MLF | #10 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit | 1,013.67 | 350.79 |
| 26 05 19 16-0017 | MLF | #14 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit | 842.34 | 243.87 |
| 26 05 19 16-0018 | MLF | #12 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit | 1,027.42 | 286.88 |
| 26 05 19 16-0019 | MLF | #10 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit | 1,247.30 | 350.79 |

### 26 05 19 16-0020 Power Cable, Stranded Conductor, Copper *(26 05 19 16-0012)*

### 26 05 19 16-0021 Power Cable, Stranded, Single Conductor, XHHW-2 *(26 05 19 16-0020)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0022 | MLF | #16 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 682.40 | 200.97 |
| 26 05 19 16-0023 | MLF | #14 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 801.89 | 241.16 |
| 26 05 19 16-0024 | MLF | #12 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 1,001.72 | 281.36 |
| 26 05 19 16-0025 | MLF | #10 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 1,255.78 | 321.55 |
| 26 05 19 16-0026 | MLF | #8 AWG, XLP (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit | 1,698.92 | 401.93 |
| 26 05 19 16-0027 | MLF | #6 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 2,353.38 | 482.33 |
| 26 05 19 16-0028 | MLF | #4 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 3,276.90 | 602.91 |
| 26 05 19 16-0029 | MLF | #3 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 3,905.95 | 683.29 |
| 26 05 19 16-0030 | MLF | #2 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 4,668.49 | 763.69 |
| 26 05 19 16-0031 | MLF | #1 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 5,885.93 | 844.07 |
| 26 05 19 16-0032 | MLF | 1/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 7,107.94 | 964.65 |
| 26 05 19 16-0033 | MLF | 2/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 8,582.22 | 1,085.24 |
| 26 05 19 16-0034 | MLF | 3/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 10,362.05 | 1,205.81 |
| 26 05 19 16-0035 | MLF | 4/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 12,531.17 | 1,326.40 |
| 26 05 19 16-0036 | MLF | 250 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 13,240.39 | 1,446.98 |
| 26 05 19 16-0037 | MLF | 300 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 15,842.05 | 1,567.56 |
| 26 05 19 16-0038 | MLF | 350 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 16,884.57 | 1,688.14 |
| 26 05 19 16-0039 | MLF | 400 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 18,962.96 | 1,808.72 |
| 26 05 19 16-0040 | MLF | 500 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 22,116.70 | 1,929.31 |
| 26 05 19 16-0041 | MLF | 600 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 25,597.25 | 2,090.08 |
| 26 05 19 16-0042 | MLF | 750 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 39,722.32 | 2,331.24 |
| 26 05 19 16-0043 | MLF | 1,000 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit | 56,561.69 | 2,733.18 |

### 26 05 19 16-0044 Power Cable, Stranded, Multi Conductor, XHHW-2 *(26 05 19 16-0020)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0045 | MLF | 2 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 1,603.78 | 482.23 |
| 26 05 19 16-0046 | MLF | 3 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 2,003.74 | 562.82 |
| 26 05 19 16-0047 | MLF | 4 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 2,504.29 | 683.29 |
| 26 05 19 16-0048 | MLF | 6 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 3,052.07 | 743.28 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0049 | MLF | 7 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 3,352.13 | 783.68 |
| 26 05 19 16-0050 | MLF | 9 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 3,950.71 | 863.97 |
| 26 05 19 16-0051 | MLF | 10 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 2,450.22 | 900.54 |
| 26 05 19 16-0052 | MLF | 12 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 4,849.73 | 984.75 |
| 26 05 19 16-0053 | MLF | 14 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 5,398.82 | 1,045.25 |
| 26 05 19 16-0054 | MLF | 24 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 8,091.89 | 1,326.50 |
| 26 05 19 16-0055 | MLF | 37 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 12,286.25 | 1,969.50 |
| 26 05 19 16-0056 | MLF | 2 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 2,003.69 | 562.82 |
| 26 05 19 16-0057 | MLF | 3 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 2,603.34 | 683.29 |
| 26 05 19 16-0058 | MLF | 4 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 3,203.01 | 803.88 |
| 26 05 19 16-0059 | MLF | 2 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 2,711.74 | 723.18 |
| 26 05 19 16-0060 | MLF | 3 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 3,564.45 | 883.46 |
| 26 05 19 16-0061 | MLF | 4 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 4,621.65 | 1,125.63 |
| 26 05 19 16-0062 | MLF | 6 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 6,330.07 | 1,447.48 |
| 26 05 19 16-0063 | MLF | 9 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 8,689.58 | 1,849.01 |
| 26 05 19 16-0064 | MLF | 2 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 3,448.10 | 823.98 |
| 26 05 19 16-0065 | MLF | 3 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 4,493.86 | 964.65 |
| 26 05 19 16-0066 | MLF | 4 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 5,841.09 | 1,225.91 |
| 26 05 19 16-0067 | MLF | 2 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 4,606.38 | 924.46 |
| 26 05 19 16-0068 | MLF | 3 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 6,306.51 | 1,145.53 |
| 26 05 19 16-0069 | MLF | 4 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 8,122.29 | 1,412.81 |
| 26 05 19 16-0070 | MLF | 2 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 6,343.21 | 1,121.61 |
| 26 05 19 16-0071 | MLF | 3 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 8,516.14 | 1,282.89 |
| 26 05 19 16-0072 | MLF | 4 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 11,080.73 | 1,600.92 |
| 26 05 19 16-0073 | MLF | 2 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 8,934.00 | 1,366.19 |
| 26 05 19 16-0074 | MLF | 3 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 12,097.23 | 1,527.77 |
| 26 05 19 16-0075 | MLF | 4 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 16,061.33 | 2,009.69 |
| 26 05 19 16-0076 | MLF | 3 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 16,149.70 | 1,929.01 |
| 26 05 19 16-0077 | MLF | 4 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 21,129.51 | 2,410.63 |
| 26 05 19 16-0078 | MLF | 3 Conductors, 1/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 19,315.03 | 2,090.48 |
| 26 05 19 16-0079 | MLF | 3 Conductors, 2/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 23,633.91 | 2,410.63 |
| 26 05 19 16-0080 | MLF | 3 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 29,073.40 | 2,812.36 |
| 26 05 19 16-0081 | MLF | 4 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 38,429.72 | 3,615.94 |
| 26 05 19 16-0082 | MLF | 3 Conductors, 4/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 35,691.18 | 3,218.23 |
| 26 05 19 16-0083 | MLF | 3 Conductors, 250 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 37,908.52 | 3,615.94 |
| 26 05 19 16-0084 | MLF | 3 Conductors, 350 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 48,041.07 | 4,019.39 |
| 26 05 19 16-0085 | MLF | 3 Conductors, 500 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit | 62,924.10 | 4,417.50 |

## 26 05 19 16-0086 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper

*(26 05 19 16-0012)*

Note: Direct bury.

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0087 | MLF | #14 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 1,120.87 | |
| 26 05 19 16-0088 | MLF | #12 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 1,324.27 | |
| 26 05 19 16-0089 | MLF | #10 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 1,724.75 | |
| 26 05 19 16-0090 | MLF | #8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 2,313.11 | |
| 26 05 19 16-0091 | MLF | #6 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 3,404.03 | |
| 26 05 19 16-0092 | MLF | #4 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 4,551.26 | |
| 26 05 19 16-0093 | MLF | #2 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 6,801.14 | |
| 26 05 19 16-0094 | MLF | #1 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 8,677.04 | |
| 26 05 19 16-0095 | MLF | 1/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 10,787.76 | |
| 26 05 19 16-0096 | MLF | 2/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 13,242.05 | |
| 26 05 19 16-0097 | MLF | 3/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 16,171.80 | |
| 26 05 19 16-0098 | MLF | 4/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 18,341.45 | |
| 26 05 19 16-0099 | MLF | 250 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 19,840.61 | |
| 26 05 19 16-0100 | MLF | 300 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 24,089.01 | |
| 26 05 19 16-0101 | MLF | 350 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 27,063.89 | |
| 26 05 19 16-0102 | MLF | 400 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 30,585.19 | |
| 26 05 19 16-0103 | MLF | 500 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 36,658.56 | |
| 26 05 19 16-0104 | MLF | 600 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 43,597.74 | |
| 26 05 19 16-0105 | MLF | 750 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 71,440.23 | |
| 26 05 19 16-0106 | MLF | #14 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 793.83 | |
| 26 05 19 16-0107 | MLF | #12 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 958.94 | |
| 26 05 19 16-0108 | MLF | #10 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 1,162.39 | |
| 26 05 19 16-0109 | MLF | #8 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 1,418.81 | |
| 26 05 19 16-0110 | MLF | #6 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 1,856.98 | |
| 26 05 19 16-0111 | MLF | #4 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 2,505.10 | |
| 26 05 19 16-0112 | MLF | #2 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 3,452.15 | |
| 26 05 19 16-0113 | MLF | #1 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 4,139.75 | |
| 26 05 19 16-0114 | MLF | 1/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 4,677.48 | |
| 26 05 19 16-0115 | MLF | 2/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 5,273.64 | |
| 26 05 19 16-0116 | MLF | 3/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 6,179.63 | |
| 26 05 19 16-0117 | MLF | 4/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 7,298.35 | |
| 26 05 19 16-0118 | MLF | 250 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 8,331.79 | |
| 26 05 19 16-0119 | MLF | 300 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 9,428.01 | |
| 26 05 19 16-0120 | MLF | 350 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 10,627.37 | |
| 26 05 19 16-0121 | MLF | 400 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 11,871.65 | |
| 26 05 19 16-0122 | MLF | 500 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 13,991.41 | |
| 26 05 19 16-0123 | MLF | 750 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 24,229.22 | |
| 26 05 19 16-0124 | MLF | #14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 663.73 | |
| 26 05 19 16-0125 | MLF | #12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 833.68 | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 19 16-0126 | | MLF | #10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 1,050.06 | |
| 26 05 19 16-0127 | | MLF | #8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 1,507.81 | |
| 26 05 19 16-0128 | | MLF | #6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 2,103.06 | |
| 26 05 19 16-0129 | | MLF | #4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 2,843.98 | |
| 26 05 19 16-0130 | | MLF | #2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 4,128.11 | |
| 26 05 19 16-0131 | | MLF | #1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 4,969.46 | |
| 26 05 19 16-0132 | | MLF | 1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 5,785.57 | |
| 26 05 19 16-0133 | | MLF | 2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 6,606.78 | |
| 26 05 19 16-0134 | | MLF | 3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 7,941.83 | |
| 26 05 19 16-0135 | | MLF | 4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 9,545.93 | |
| 26 05 19 16-0136 | | MLF | 250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 11,291.60 | |
| 26 05 19 16-0137 | | MLF | 300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 13,115.69 | |
| 26 05 19 16-0138 | | MLF | 350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 15,085.73 | |
| 26 05 19 16-0139 | | MLF | 400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 16,982.13 | |
| 26 05 19 16-0140 | | MLF | 500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 20,360.40 | |
| 26 05 19 16-0141 | | MLF | 600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 24,639.15 | |
| 26 05 19 16-0142 | | MLF | 750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 39,913.43 | |
| 26 05 19 16-0143 | | MLF | #2 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 6,530.42 | |
| 26 05 19 16-0144 | | MLF | 1/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 9,513.58 | |
| 26 05 19 16-0145 | | MLF | 2/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 10,547.87 | |
| 26 05 19 16-0146 | | MLF | 3/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 12,008.78 | |
| 26 05 19 16-0147 | | MLF | 4/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 13,360.78 | |
| 26 05 19 16-0148 | | MLF | 250 MCM,Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 14,380.10 | |
| 26 05 19 16-0149 | | MLF | 350 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 21,023.76 | |
| 26 05 19 16-0150 | | MLF | 400 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 22,883.42 | |
| 26 05 19 16-0151 | | MLF | 500 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable | 26,238.14 | |

### 26 05 19 16-0152 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0012)*

### 26 05 19 16-0153 ACTHH, Solid *(26 05 19 16-0152)*

| | | | | | |
|---|---|---|---|---|---|
| 26 05 19 16-0154 | | MLF | 1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable | 2,517.70 | 659.96 |
| 26 05 19 16-0155 | | MLF | 1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable | 2,911.24 | 747.95 |
| 26 05 19 16-0156 | | MLF | 1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable | 3,367.53 | 791.95 |
| 26 05 19 16-0157 | | MLF | 2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable | 3,546.69 | 1,099.93 |
| 26 05 19 16-0158 | | MLF | 2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable | 3,769.77 | 1,231.70 |
| 26 05 19 16-0159 | | MLF | 2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable | 4,883.35 | 1,364.68 |
| 26 05 19 16-0160 | | MLF | 2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable | 6,545.81 | 1,496.46 |
| 26 05 19 16-0161 | | MLF | 3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable | 4,344.53 | 1,231.70 |
| 26 05 19 16-0162 | | MLF | 3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable | 4,509.24 | 1,364.68 |
| 26 05 19 16-0163 | | MLF | 3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable | 5,882.28 | 1,540.56 |
| 26 05 19 16-0164 | | MLF | 3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable | 7,828.22 | 1,671.67 |
| 26 05 19 16-0165 | | MLF | 4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable | 5,239.57 | 1,364.68 |
| 26 05 19 16-0166 | | MLF | 4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable | 5,715.83 | 1,540.56 |
| 26 05 19 16-0167 | | MLF | 4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable | 7,411.88 | 1,716.00 |
| 26 05 19 16-0168 | | MLF | 4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable | 9,828.90 | 1,848.65 |

### 26 05 19 16-0169 ACTHH, Stranded *(26 05 19 16-0152)*

| | | | | | |
|---|---|---|---|---|---|
| 26 05 19 16-0170 | | MLF | 2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable | 6,766.84 | 1,584.89 |
| 26 05 19 16-0171 | | MLF | 2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable | 8,327.97 | 1,803.11 |
| 26 05 19 16-0172 | | MLF | 3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable | 8,048.88 | 1,759.89 |
| 26 05 19 16-0173 | | MLF | 3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable | 10,229.65 | 1,978.33 |
| 26 05 19 16-0174 | | MLF | 3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable | 13,125.34 | 2,199.86 |
| 26 05 19 16-0175 | | MLF | 3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable | 15,156.44 | 2,417.42 |
| 26 05 19 16-0176 | | MLF | 3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable | 17,446.29 | 2,637.73 |
| 26 05 19 16-0177 | | MLF | 4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable | 10,485.32 | 2,111.20 |
| 26 05 19 16-0178 | | MLF | 4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable | 12,828.95 | 2,330.31 |
| 26 05 19 16-0179 | | MLF | 4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable | 16,769.28 | 2,552.06 |
| 26 05 19 16-0180 | | MLF | 4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable | 18,393.33 | 2,770.61 |
| 26 05 19 16-0181 | | MLF | 4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable | 22,001.34 | 2,988.94 |

### 26 05 19 16-0182 HCFC, Solid *(26 05 19 16-0152)*

| | | | | | |
|---|---|---|---|---|---|
| 26 05 19 16-0183 | | MLF | 2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable | 4,047.23 | 1,099.93 |
| 26 05 19 16-0184 | | MLF | 2 Conductors, #12 AWG, Type HCF, Solid, Armored Cable | 4,412.60 | 1,235.88 |
| 26 05 19 16-0185 | | MLF | 2 Conductors, #10 AWG, Type HCF, Solid, Armored Cable | 4,946.14 | 1,357.97 |
| 26 05 19 16-0186 | | MLF | 3 Conductors, #14 AWG, Type HCF, Solid, Armored Cable | 4,964.20 | 1,235.88 |
| 26 05 19 16-0187 | | MLF | 3 Conductors, #12 AWG, Type HCF, Solid, Armored Cable | 5,307.08 | 1,357.97 |
| 26 05 19 16-0188 | | MLF | 3 Conductors, #10 AWG, Type HCF, Solid, Armored Cable | 7,075.96 | 1,549.25 |
| 26 05 19 16-0189 | | MLF | 4 Conductors, #14 AWG, Type HCF, Solid, Armored Cable | 6,194.97 | 1,357.97 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0190 | MLF | 4 Conductors, #12 AWG, Type HCF, Solid, Armored Cable | 6,729.70 | 1,549.25 |
| 26 05 19 16-0191 | MLF | 4 Conductors, #10 AWG, Type HCF, Solid, Armored Cable | 9,437.38 | 1,718.64 |
| **26 05 19 16-0192** | | **MC, Solid Or Stranded, Galvanized Steel Armor** *(26 05 19 16-0152)* | | |
| 26 05 19 16-0193 | MLF | 2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 3,364.12 | 1,099.93 |
| 26 05 19 16-0194 | MLF | 2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 3,757.82 | 1,235.88 |
| 26 05 19 16-0195 | MLF | 2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 4,512.05 | 1,357.97 |
| 26 05 19 16-0196 | MLF | 2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 5,758.96 | 1,451.13 |
| 26 05 19 16-0197 | MLF | 2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 7,159.87 | 1,538.36 |
| 26 05 19 16-0198 | MLF | 3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 3,884.19 | 1,235.88 |
| 26 05 19 16-0199 | MLF | 3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 4,381.00 | 1,357.97 |
| 26 05 19 16-0200 | MLF | 3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 5,560.26 | 1,549.25 |
| 26 05 19 16-0201 | MLF | 3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 7,212.90 | 1,671.67 |
| 26 05 19 16-0202 | MLF | 3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 8,429.61 | 1,803.11 |
| 26 05 19 16-0203 | MLF | 3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 10,420.73 | 1,936.54 |
| 26 05 19 16-0204 | MLF | 3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 14,392.97 | 2,067.54 |
| 26 05 19 16-0205 | MLF | 4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 4,500.58 | 1,357.97 |
| 26 05 19 16-0206 | MLF | 4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 5,155.64 | 1,549.25 |
| 26 05 19 16-0207 | MLF | 4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 7,769.97 | 1,718.64 |
| 26 05 19 16-0208 | MLF | 4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 10,524.91 | 1,893.20 |
| 26 05 19 16-0209 | MLF | 4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 12,854.66 | 2,025.62 |
| 26 05 19 16-0210 | MLF | 4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 16,947.71 | 2,156.74 |
| 26 05 19 16-0211 | MLF | 4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable | 21,880.65 | 2,286.75 |
| **26 05 19 16-0212** | | **MC, Solid Or Stranded, Aluminum Armor** *(26 05 19 16-0152)* | | |
| 26 05 19 16-0213 | MLF | 2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 3,336.93 | 1,099.93 |
| 26 05 19 16-0214 | MLF | 2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 3,687.31 | 1,235.88 |
| 26 05 19 16-0215 | MLF | 2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 4,449.69 | 1,357.97 |
| 26 05 19 16-0216 | MLF | 3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 3,997.76 | 1,235.88 |
| 26 05 19 16-0217 | MLF | 3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 4,318.35 | 1,357.97 |
| 26 05 19 16-0218 | MLF | 3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 5,510.72 | 1,549.25 |
| 26 05 19 16-0219 | MLF | 4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 5,040.52 | 1,357.97 |
| 26 05 19 16-0220 | MLF | 4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 5,546.97 | 1,549.25 |
| 26 05 19 16-0221 | MLF | 4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable | 7,769.97 | 1,718.64 |
| **26 05 19 16-0222** | | **FPLP Solid TFN Red Armored Cable** *(26 05 19 16-0152)*<br>Note: Color coded red. | | |
| 26 05 19 16-0223 | MLF | #18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable | 3,571.09 | 835.95 |
| 26 05 19 16-0224 | MLF | #18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable | 4,051.15 | 967.94 |
| 26 05 19 16-0225 | MLF | #18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable | 5,044.49 | 1,099.93 |
| 26 05 19 16-0226 | MLF | #18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable | 5,792.73 | 1,231.92 |
| 26 05 19 16-0227 | MLF | #16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable | 4,060.92 | 967.94 |
| 26 05 19 16-0228 | MLF | #16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable | 4,810.05 | 1,099.93 |
| 26 05 19 16-0229 | MLF | #16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable | 6,074.24 | 1,231.92 |
| 26 05 19 16-0230 | MLF | #16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable | 6,918.39 | 1,363.91 |
| **26 05 19 16-0231** | | **FPLP Solid THHN Red Armored Cable** *(26 05 19 16-0152)*<br>Note: Color coded red. | | |
| 26 05 19 16-0232 | MLF | #14/2 With #14 Ground Type THHN FPLP Red Armored Cable | 4,505.46 | 1,099.93 |
| 26 05 19 16-0233 | MLF | #14/4 With #14 Ground Type THHN FPLP Red Armored Cable | 5,624.89 | 1,231.92 |
| 26 05 19 16-0234 | MLF | #14/6 With #14 Ground Type THHN FPLP Red Armored Cable | 7,546.22 | 1,363.91 |
| 26 05 19 16-0235 | MLF | #14/8 With #14 Ground Type THHN FPLP Red Armored Cable | 8,768.67 | 1,495.90 |
| 26 05 19 16-0236 | MLF | #12/2 With #12 Ground Type THHN FPLP Red Armored Cable | 5,719.03 | 1,231.92 |
| 26 05 19 16-0237 | MLF | #12/4 With #12 Ground Type THHN FPLP Red Armored Cable | 7,030.28 | 1,363.91 |
| **26 05 19 16-0238** | | **FPLP Twisted Shielded Pair Red Armored Cable** *(26 05 19 16-0152)*<br>Note: Color coded red. | | |
| 26 05 19 16-0239 | MLF | #18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable | 3,890.78 | 835.95 |
| 26 05 19 16-0240 | MLF | #18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable | 6,258.95 | 1,231.92 |
| 26 05 19 16-0241 | MLF | #16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable | 4,798.87 | 967.94 |
| 26 05 19 16-0242 | MLF | #16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable | 5,678.54 | 1,099.93 |
| 26 05 19 16-0243 | MLF | #16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable | 7,934.29 | 1,363.91 |
| 26 05 19 16-0244 | MLF | #14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable | 5,618.93 | 1,143.93 |
| 26 05 19 16-0245 | MLF | #14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable | 6,962.91 | 1,319.92 |
| **26 05 19 16-0246** | | **Armored Cable Connectors** *(26 05 19 16-0152)* | | |
| 26 05 19 16-0247 | EA | 3/4" Armored Cable Connector | 6.69 | 2.41 |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.02* | |
| | | *For Elevated Installation >40', Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0248 | EA | 1" Armored Cable Connector | 8.93 | 3.22 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.80* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.22* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.02* | |
| | | *For Elevated Installation >40', Add* | *4.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.41* | |
| 26 05 19 16-0249 | EA | 1-1/4" Armored Cable Connector | 11.23 | 4.02 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | *For Elevated Installation >40', Add* | *5.53* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |

## 26 05 19 16-0250 600 Volt, Feeder Wire, Single Stranded Copper *(26 05 19 16-0012)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0251 | MLF | #14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 925.57 | 161.08 |
| | | *For EPR Insulation, Add* | *48.40* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *112.93* | |
| 26 05 19 16-0252 | MLF | #12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 1,032.31 | 178.36 |
| | | *For EPR Insulation, Add* | *49.34* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *115.12* | |
| 26 05 19 16-0253 | MLF | #10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 1,284.10 | 222.97 |
| | | *For EPR Insulation, Add* | *72.03* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *168.08* | |
| 26 05 19 16-0254 | MLF | #8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 1,794.32 | 354.71 |
| | | *For EPR Insulation, Add* | *118.42* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *276.32* | |
| 26 05 19 16-0255 | MLF | #6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 2,532.44 | 425.65 |
| | | *For EPR Insulation, Add* | *198.99* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *464.32* | |
| 26 05 19 16-0256 | MLF | #4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 3,514.30 | 494.18 |
| | | *For EPR Insulation, Add* | *301.05* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *702.46* | |
| 26 05 19 16-0257 | MLF | #3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 4,014.81 | 565.63 |
| | | *For EPR Insulation, Add* | *345.99* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *807.30* | |
| 26 05 19 16-0258 | MLF | #2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 5,168.89 | 637.07 |
| | | *For EPR Insulation, Add* | *488.95* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *1,140.89* | |
| 26 05 19 16-0259 | MLF | #1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 6,514.55 | 709.53 |
| | | *For EPR Insulation, Add* | *660.66* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *1,541.53* | |
| 26 05 19 16-0260 | MLF | 1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 7,912.39 | 800.46 |
| | | *For EPR Insulation, Add* | *825.11* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *1,925.27* | |
| 26 05 19 16-0261 | MLF | 2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 9,627.66 | 887.68 |
| | | *For EPR Insulation, Add* | *1,037.19* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *2,420.10* | |
| 26 05 19 16-0262 | MLF | 3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 11,655.15 | 990.98 |
| | | *For EPR Insulation, Add* | *1,296.09* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *3,024.21* | |
| 26 05 19 16-0263 | MLF | 4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 13,183.53 | 1,101.81 |
| | | *For EPR Insulation, Add* | *1,480.13* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *3,453.64* | |
| 26 05 19 16-0264 | MLF | 250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 14,001.88 | 1,208.43 |
| | | *For EPR Insulation, Add* | *1,557.67* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *3,634.55* | |
| 26 05 19 16-0265 | MLF | 300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 16,674.49 | 1,328.41 |
| | | *For EPR Insulation, Add* | *1,913.34* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *4,464.46* | |
| 26 05 19 16-0266 | MLF | 350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 18,666.61 | 1,408.29 |
| | | *For EPR Insulation, Add* | *2,166.94* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *5,056.19* | |
| 26 05 19 16-0267 | MLF | 400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 21,004.26 | 1,574.00 |
| | | *For EPR Insulation, Add* | *2,472.37* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *5,768.86* | |
| 26 05 19 16-0268 | MLF | 500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 24,150.53 | 1,750.54 |
| | | *For EPR Insulation, Add* | *2,899.09* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *6,764.54* | |
| 26 05 19 16-0269 | MLF | 600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 28,460.26 | 1,821.29 |
| | | *For EPR Insulation, Add* | *3,485.26* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *8,132.27* | |
| 26 05 19 16-0270 | MLF | 750 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 47,321.07 | 1,891.92 |
| | | *For EPR Insulation, Add* | *6,223.94* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *14,522.54* | |
| 26 05 19 16-0271 | MLF | 1,000 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 60,065.69 | 2,021.55 |
| | | *For EPR Insulation, Add* | *8,075.35* | |
| | | *For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add* | *18,842.47* | |
| 26 05 19 16-0272 | MLF | #16 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 1,627.67 | 361.54 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0273 | MLF | #14 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 2,079.24 | 401.93 |
| 26 05 19 16-0274 | MLF | #12 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 2,628.90 | 482.73 |
| 26 05 19 16-0275 | MLF | #10 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 3,124.67 | 562.51 |
| 26 05 19 16-0276 | MLF | #8 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 4,860.05 | 602.31 |
| 26 05 19 16-0277 | MLF | #18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 499.27 | 200.97 |
| 26 05 19 16-0278 | MLF | #16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 622.23 | 221.07 |
| 26 05 19 16-0279 | MLF | #14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 656.05 | 161.18 |
| 26 05 19 16-0280 | MLF | #12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 822.69 | 192.13 |
| 26 05 19 16-0281 | MLF | #10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 1,033.59 | 241.67 |
| 26 05 19 16-0282 | MLF | #8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 1,479.07 | 318.53 |
| 26 05 19 16-0283 | MLF | #6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 2,055.55 | 384.66 |
| 26 05 19 16-0284 | MLF | #4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 2,770.76 | 454.59 |
| 26 05 19 16-0285 | MLF | #3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 3,330.31 | 514.58 |
| 26 05 19 16-0286 | MLF | #2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 4,012.88 | 576.28 |
| 26 05 19 16-0287 | MLF | #1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 4,823.74 | 650.34 |
| 26 05 19 16-0288 | MLF | 1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 5,615.34 | 712.13 |
| 26 05 19 16-0289 | MLF | 2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 6,407.01 | 786.99 |
| 26 05 19 16-0290 | MLF | 3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 7,688.06 | 832.42 |
| 26 05 19 16-0291 | MLF | 4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 9,230.14 | 936.52 |
| 26 05 19 16-0292 | MLF | 250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 10,907.03 | 996.31 |
| 26 05 19 16-0293 | MLF | 300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 12,658.61 | 1,128.34 |
| 26 05 19 16-0294 | MLF | 350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 14,549.20 | 1,248.72 |
| 26 05 19 16-0295 | MLF | 400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 16,369.66 | 1,282.89 |
| 26 05 19 16-0296 | MLF | 500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 19,601.40 | 1,357.25 |
| 26 05 19 16-0297 | MLF | 600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 24,538.66 | 1,597.20 |
| 26 05 19 16-0298 | MLF | 750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 38,271.17 | 1,891.92 |
| 26 05 19 16-0299 | MLF | 1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 45,946.12 | 2,284.21 |
| 26 05 19 16-0300 | MLF | #16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 2,427.05 | 482.73 |
| 26 05 19 16-0301 | MLF | #14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 2,701.10 | 562.51 |
| 26 05 19 16-0302 | MLF | #12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 3,128.71 | 643.60 |
| 26 05 19 16-0303 | MLF | #10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 4,050.58 | 723.18 |
| 26 05 19 16-0304 | MLF | #8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 4,587.85 | 803.88 |
| 26 05 19 16-0305 | MLF | #6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit | 5,831.97 | 883.46 |

### 26 05 19 16-0306 600 Volt, Feeder Wire, Single Stranded Aluminum *(26 05 19 16-0012)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0307 | MLF | #6 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,038.49 | 293.30 |
| 26 05 19 16-0308 | MLF | #4 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,228.87 | 341.04 |
| 26 05 19 16-0309 | MLF | #2 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,605.14 | 437.78 |
| 26 05 19 16-0310 | MLF | #1 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,970.07 | 488.86 |
| 26 05 19 16-0311 | MLF | 1/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 2,274.56 | 550.77 |
| 26 05 19 16-0312 | MLF | 2/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 2,580.46 | 607.90 |
| 26 05 19 16-0313 | MLF | 3/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 3,032.87 | 686.05 |
| 26 05 19 16-0314 | MLF | 4/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 3,356.48 | 756.89 |
| 26 05 19 16-0315 | MLF | 250 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 3,867.74 | 832.07 |
| 26 05 19 16-0316 | MLF | 300 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 4,731.24 | 904.86 |
| 26 05 19 16-0317 | MLF | 350 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 4,954.05 | 977.63 |
| 26 05 19 16-0318 | MLF | 400 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 5,652.98 | 1,087.39 |
| 26 05 19 16-0319 | MLF | 500 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 6,229.57 | 1,197.12 |
| 26 05 19 16-0320 | MLF | 600 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 7,587.24 | 1,394.51 |
| 26 05 19 16-0321 | MLF | 700 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 8,556.21 | 1,528.77 |
| 26 05 19 16-0322 | MLF | 750 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 8,746.05 | 1,585.45 |
| 26 05 19 16-0323 | MLF | 1,000 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 11,928.37 | 1,923.24 |
| 26 05 19 16-0324 | MLF | #8 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,219.10 | 356.82 |
| 26 05 19 16-0325 | MLF | #6 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,371.29 | 401.93 |
| 26 05 19 16-0326 | MLF | #4 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,687.86 | 494.48 |
| 26 05 19 16-0327 | MLF | #2 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 2,128.53 | 606.13 |
| 26 05 19 16-0328 | MLF | #1 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 2,681.79 | 713.54 |
| 26 05 19 16-0329 | MLF | 1/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 3,088.10 | 804.18 |
| 26 05 19 16-0330 | MLF | 2/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 3,506.45 | 893.21 |
| 26 05 19 16-0331 | MLF | 3/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 4,018.16 | 974.50 |
| 26 05 19 16-0332 | MLF | 4/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 4,350.61 | 1,037.10 |
| 26 05 19 16-0333 | MLF | 250 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 4,920.06 | 1,109.66 |
| 26 05 19 16-0334 | MLF | 300 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 5,937.22 | 1,189.24 |
| 26 05 19 16-0335 | MLF | 350 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 6,224.78 | 1,284.70 |
| 26 05 19 16-0336 | MLF | 400 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 7,025.19 | 1,400.96 |
| 26 05 19 16-0337 | MLF | 500 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 7,905.08 | 1,607.75 |
| 26 05 19 16-0338 | MLF | 600 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 9,153.29 | 1,691.97 |
| 26 05 19 16-0339 | MLF | 700 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 10,143.00 | 1,783.80 |
| 26 05 19 16-0340 | MLF | 750 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 10,480.91 | 1,895.75 |
| 26 05 19 16-0341 | MLF | 1,000 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 15,189.76 | 2,656.82 |
| 26 05 19 16-0342 | MLF | #6 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,450.97 | 401.93 |
| 26 05 19 16-0343 | MLF | #4 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 1,809.44 | 494.38 |
| 26 05 19 16-0344 | MLF | #2 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 2,256.68 | 606.93 |
| 26 05 19 16-0345 | MLF | #1 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 2,831.67 | 709.53 |
| 26 05 19 16-0346 | MLF | 1/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 3,199.29 | 800.46 |
| 26 05 19 16-0347 | MLF | 2/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 3,621.36 | 887.68 |
| 26 05 19 16-0348 | MLF | 3/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 4,195.35 | 974.50 |
| 26 05 19 16-0349 | MLF | 4/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 4,581.28 | 1,037.10 |
| 26 05 19 16-0350 | MLF | 250 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 5,194.26 | 1,108.95 |
| 26 05 19 16-0351 | MLF | 300 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 6,290.98 | 1,190.74 |
| 26 05 19 16-0352 | MLF | 350 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 6,657.66 | 1,286.40 |
| 26 05 19 16-0353 | MLF | 400 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 7,369.45 | 1,397.74 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0354 | MLF | 500 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 8,480.72 | 1,607.75 |
| 26 05 19 16-0355 | MLF | 600 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 9,699.61 | 1,687.44 |
| 26 05 19 16-0356 | MLF | 700 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 10,756.45 | 1,783.80 |
| 26 05 19 16-0357 | MLF | 750 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit | 11,174.91 | 1,890.02 |
| 26 05 19 16-0358 | | **Non-Metallic Sheathed Cable** *(26 05 19 16-0012)* | | |
| 26 05 19 16-0359 | | **Indoor Installation** *(26 05 19 16-0358)* | | |
| | | Note: For NM, NM-B, NMC-B and NMS-B. | | |
| 26 05 19 16-0360 | MLF | #14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 2,192.36 | 763.59 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *286.34* | |
| 26 05 19 16-0361 | MLF | #14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 2,699.84 | 924.46 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *346.69* | |
| 26 05 19 16-0362 | MLF | #14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 3,463.61 | 1,022.93 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *383.60* | |
| 26 05 19 16-0363 | MLF | #12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 2,549.21 | 868.19 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *308.99* | |
| 26 05 19 16-0364 | MLF | #12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 3,335.83 | 964.45 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *361.68* | |
| 26 05 19 16-0365 | MLF | #12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 4,122.96 | 1,077.19 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *403.95* | |
| 26 05 19 16-0366 | MLF | #10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 3,087.51 | 964.95 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *361.87* | |
| 26 05 19 16-0367 | MLF | #10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 4,287.00 | 1,125.63 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *422.11* | |
| 26 05 19 16-0368 | MLF | #10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 5,027.07 | 1,286.20 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *482.33* | |
| 26 05 19 16-0369 | MLF | #8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 4,729.17 | 1,155.57 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *411.48* | |
| 26 05 19 16-0370 | MLF | #8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 5,927.39 | 1,396.74 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *497.40* | |
| 26 05 19 16-0371 | MLF | #6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 5,910.06 | 1,316.34 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *467.25* | |
| 26 05 19 16-0372 | MLF | #6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 7,656.45 | 1,587.65 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *565.23* | |
| 26 05 19 16-0373 | MLF | #4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 14,959.38 | 1,748.43 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *621.75* | |
| 26 05 19 16-0374 | MLF | #2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable | 17,263.69 | 1,899.16 |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *678.27* | |
| 26 05 19 16-0375 | | **Direct Burial Cable** *(26 05 19 16-0358)* | | |
| | | Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper. | | |
| 26 05 19 16-0376 | MLF | #14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 2,379.73 | |
| 26 05 19 16-0377 | MLF | #14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 3,146.32 | |
| 26 05 19 16-0378 | MLF | #12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 3,047.01 | |
| 26 05 19 16-0379 | MLF | #12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 4,052.07 | |
| 26 05 19 16-0380 | MLF | #10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 3,386.82 | |
| 26 05 19 16-0381 | MLF | #10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 5,048.82 | |
| 26 05 19 16-0382 | MLF | #8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 5,628.12 | |
| 26 05 19 16-0383 | MLF | #8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 7,284.06 | |
| 26 05 19 16-0384 | MLF | #6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 7,197.39 | |
| 26 05 19 16-0385 | MLF | #6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench | 9,656.43 | |
| 26 05 19 16-0386 | | **SEU Cable Copper, 3 Conductor** *(26 05 19 16-0358)* | | |
| 26 05 19 16-0387 | MLF | 12-12-12 Cable SEU Copper | 3,231.82 | 968.27 |
| 26 05 19 16-0388 | MLF | 10-10-10 Cable SEU Copper | 4,199.97 | 1,099.93 |
| 26 05 19 16-0389 | MLF | 8-8-8 Cable SEU Copper | 5,397.25 | 1,231.70 |
| 26 05 19 16-0390 | MLF | 6-6-8 Cable SEU Copper | 6,727.48 | 1,320.47 |
| 26 05 19 16-0391 | MLF | 6-6-6 Cable SEU Copper | 7,306.88 | 1,364.68 |
| 26 05 19 16-0392 | MLF | 4-4-6 Cable SEU Copper | 9,117.31 | 1,496.46 |
| 26 05 19 16-0393 | MLF | 4-4-4 Cable SEU Copper | 9,914.61 | 1,540.56 |
| 26 05 19 16-0394 | MLF | 3-3-5 Cable SEU Copper | 11,697.87 | 1,671.67 |
| 26 05 19 16-0395 | MLF | 3-3-3 Cable SEU Copper | 12,444.93 | 1,759.89 |
| 26 05 19 16-0396 | MLF | 2-2-4 Cable SEU Copper | 13,334.26 | 1,848.65 |
| 26 05 19 16-0397 | MLF | 2-2-2 Cable SEU Copper | 14,306.73 | 1,936.54 |
| 26 05 19 16-0398 | MLF | 1-1-1 Cable SEU Copper | 17,728.38 | 2,199.86 |
| 26 05 19 16-0399 | MLF | 1/0-1/0-1/0 Cable SEU Copper | 21,290.88 | 2,466.26 |
| 26 05 19 16-0400 | MLF | 2/0-2/0-2/0 Cable SEU Copper | 25,882.66 | 2,777.65 |
| 26 05 19 16-0401 | MLF | 3/0-3/0-3/0 Cable SEU Copper | 31,460.64 | 3,089.70 |
| 26 05 19 16-0402 | MLF | 4/0-4/0-4/0 Cable SEU Copper | 35,165.15 | 3,448.06 |
| 26 05 19 16-0403 | | **SEU Cable Aluminum, 3 Conductor** *(26 05 19 16-0358)* | | |
| 26 05 19 16-0404 | MLF | 8-8-8 Cable SEU Aluminum | 3,892.04 | 1,235.88 |
| 26 05 19 16-0405 | MLF | 6-6-6 Cable SEU Aluminum | 4,426.41 | 1,357.97 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0406 | MLF | 4-4-6 Cable SEU Aluminum | 4,963.20 | 1,486.44 |
| 26 05 19 16-0407 | MLF | 4-4-4 Cable SEU Aluminum | 5,195.57 | 1,549.25 |
| 26 05 19 16-0408 | MLF | 2-2-4 Cable SEU Aluminum | 6,212.23 | 1,833.26 |
| 26 05 19 16-0409 | MLF | 2-2-2 Cable SEU Aluminum | 6,591.17 | 1,929.71 |
| 26 05 19 16-0410 | MLF | 1-1-1 Cable SEU Aluminum | 7,894.08 | 2,199.86 |
| 26 05 19 16-0411 | MLF | 1/0-1/0-2 Cable SEU Aluminum | 8,353.73 | 2,315.68 |
| 26 05 19 16-0412 | MLF | 1/0-1/0-1/0 Cable SEU Aluminum | 10,080.77 | 2,444.26 |
| 26 05 19 16-0413 | MLF | 2/0-2/0-1 Cable SEU Aluminum | 9,432.73 | 2,618.93 |
| 26 05 19 16-0414 | MLF | 2/0-2/0-2/0 Cable SEU Aluminum | 9,961.45 | 2,749.82 |
| 26 05 19 16-0415 | MLF | 3/0-3/0-1/0 Cable SEU Aluminum | 10,828.85 | 2,879.39 |
| 26 05 19 16-0416 | MLF | 3/0-3/0-3/0 Cable SEU Aluminum | 11,580.18 | 3,055.38 |
| 26 05 19 16-0417 | MLF | 4/0-4/0-2/0 Cable SEU Aluminum | 12,241.08 | 3,303.09 |
| 26 05 19 16-0418 | MLF | 4/0-4/0-4/0 Cable SEU Aluminum | 12,918.23 | 3,437.27 |

### 26 05 19 16-0419 SER Cable Copper, 4 Conductor *(26 05 19 16-0358)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0420 | MLF | 6-6-6-6 Cable SER Copper | 11,576.59 | 1,584.89 |
| 26 05 19 16-0421 | MLF | 4-4-4-6 Cable SER Copper | 12,717.26 | 1,716.00 |
| 26 05 19 16-0422 | MLF | 3-3-3-5 Cable SER Copper | 15,957.27 | 1,936.54 |
| 26 05 19 16-0423 | MLF | 2-2-2-4 Cable SER Copper | 18,378.19 | 2,111.20 |
| 26 05 19 16-0424 | MLF | 1-1-1-3 Cable SER Copper | 21,465.41 | 2,417.42 |
| 26 05 19 16-0425 | MLF | 1/0-1/0-1/0-2 Cable SER Copper | 26,324.51 | 2,770.61 |
| 26 05 19 16-0426 | MLF | 2/0-2/0-2/0-1 Cable SER Copper | 33,483.74 | 2,988.94 |
| 26 05 19 16-0427 | MLF | 3/0-3/0-3/0-1/0 Cable SER Copper | 38,788.93 | 3,343.23 |

### 26 05 19 16-0428 SER Cable Aluminum, 4 Conductor *(26 05 19 16-0358)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0429 | MLF | 8-8-8-8 Cable SER Aluminum | 5,172.31 | 1,479.29 |
| 26 05 19 16-0430 | MLF | 6-6-6-6 Cable SER Aluminum | 5,651.55 | 1,584.89 |
| 26 05 19 16-0431 | MLF | 4-4-4-6 Cable SER Aluminum | 6,352.54 | 1,716.00 |
| 26 05 19 16-0432 | MLF | 2-2-2-4 Cable SER Aluminum | 8,025.02 | 2,111.20 |
| 26 05 19 16-0433 | MLF | 1-1-1-3 Cable SER Aluminum | 9,717.87 | 2,417.42 |
| 26 05 19 16-0434 | MLF | 1/0-1/0-1/0-2 Cable SER Aluminum | 10,960.58 | 2,770.61 |
| 26 05 19 16-0435 | MLF | 2/0-2/0-2/0-1 Cable SER Aluminum | 12,313.84 | 2,988.94 |
| 26 05 19 16-0436 | MLF | 3/0-3/0-3/0-1/0 Cable SER Aluminum | 14,046.12 | 3,343.23 |
| 26 05 19 16-0437 | MLF | 4/0-4/0-4/0-2/0 Cable SER Aluminum | 15,982.97 | 3,725.34 |

### 26 05 19 16-0438 Control Tray Cable, Low Voltage *(26 05 19 16-0011)*

Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0439 | MLF | 2 Conductor #18 AWG, Stranded, Type TC Control Cable | 1,002.08 | 487.45 |
| | | *For Work In Restricted Working Space, Add* | *243.72* | |
| 26 05 19 16-0440 | MLF | 3 Conductor #18 AWG, Stranded, Type TC Control Cable | 1,152.64 | 545.27 |
| | | *For Work In Restricted Working Space, Add* | *272.63* | |
| 26 05 19 16-0441 | MLF | 4 Conductor #18 AWG, Stranded, Type TC Control Cable | 1,202.32 | 545.23 |
| | | *For Work In Restricted Working Space, Add* | *272.63* | |
| 26 05 19 16-0442 | MLF | 5 Conductor #18 AWG, Stranded, Type TC Control Cable | 1,505.60 | 683.87 |
| | | *For Work In Restricted Working Space, Add* | *341.94* | |
| 26 05 19 16-0443 | MLF | 7 Conductor #18 AWG, Stranded, Type TC Control Cable | 1,890.23 | 833.37 |
| | | *For Work In Restricted Working Space, Add* | *416.69* | |
| 26 05 19 16-0444 | MLF | 9 Conductor #18 AWG, Stranded, Type TC Control Cable | 2,150.57 | 916.42 |
| | | *For Work In Restricted Working Space, Add* | *458.21* | |
| 26 05 19 16-0445 | MLF | 12 Conductor #18 AWG, Stranded, Type TC Control Cable | 2,548.35 | 1,041.28 |
| | | *For Work In Restricted Working Space, Add* | *520.64* | |
| 26 05 19 16-0446 | MLF | 15 Conductor #18 AWG, Stranded, Type TC Control Cable | 3,214.10 | 1,272.74 |
| | | *For Work In Restricted Working Space, Add* | *636.37* | |
| 26 05 19 16-0447 | MLF | 19 Conductor #18 AWG, Stranded, Type TC Control Cable | 3,659.94 | 1,388.50 |
| | | *For Work In Restricted Working Space, Add* | *694.25* | |
| 26 05 19 16-0448 | MLF | 25 Conductor #18 AWG, Stranded, Type TC Control Cable | 4,292.26 | 1,431.91 |
| | | *For Work In Restricted Working Space, Add* | *715.95* | |
| 26 05 19 16-0449 | MLF | 30 Conductor #18 AWG, Stranded, Type TC Control Cable | 5,270.99 | 1,788.83 |
| | | *For Work In Restricted Working Space, Add* | *894.41* | |
| 26 05 19 16-0450 | MLF | 37 Conductor #18 AWG, Stranded, Type TC Control Cable | 6,311.32 | 2,090.58 |
| | | *For Work In Restricted Working Space, Add* | *1,045.29* | |
| 26 05 19 16-0451 | MLF | 2 Conductor #16 AWG, Stranded, Type TC Control Cable | 1,092.21 | 513.48 |
| | | *For Work In Restricted Working Space, Add* | *256.54* | |
| 26 05 19 16-0452 | MLF | 3 Conductor #16 AWG, Stranded, Type TC Control Cable | 1,261.45 | 573.97 |
| | | *For Work In Restricted Working Space, Add* | *286.99* | |
| 26 05 19 16-0453 | MLF | 4 Conductor #16 AWG, Stranded, Type TC Control Cable | 1,468.23 | 660.79 |
| | | *For Work In Restricted Working Space, Add* | *330.39* | |
| 26 05 19 16-0454 | MLF | 5 Conductor #16 AWG, Stranded, Type TC Control Cable | 1,657.03 | 719.87 |
| | | *For Work In Restricted Working Space, Add* | *359.94* | |
| 26 05 19 16-0455 | MLF | 7 Conductor #16 AWG, Stranded, Type TC Control Cable | 2,088.65 | 877.24 |
| | | *For Work In Restricted Working Space, Add* | *438.62* | |
| 26 05 19 16-0456 | MLF | 9 Conductor #16 AWG, Stranded, Type TC Control Cable | 2,386.76 | 964.65 |
| | | *For Work In Restricted Working Space, Add* | *482.33* | |
| 26 05 19 16-0457 | MLF | 12 Conductor #16 AWG, Stranded, Type TC Control Cable | 2,842.91 | 1,096.09 |
| | | *For Work In Restricted Working Space, Add* | *548.04* | |
| 26 05 19 16-0458 | MLF | 15 Conductor #16 AWG, Stranded, Type TC Control Cable | 3,598.86 | 1,339.66 |
| | | *For Work In Restricted Working Space, Add* | *669.83* | |
| 26 05 19 16-0459 | MLF | 19 Conductor #16 AWG, Stranded, Type TC Control Cable | 4,117.96 | 1,461.45 |
| | | *For Work In Restricted Working Space, Add* | *730.73* | |
| 26 05 19 16-0460 | MLF | 25 Conductor #16 AWG, Stranded, Type TC Control Cable | 4,894.31 | 1,507.27 |
| | | *For Work In Restricted Working Space, Add* | *753.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0461 | MLF | 30 Conductor #16 AWG, Stranded, Type TC Control Cable | 6,000.15 | 1,882.88 |
| | | *For Work In Restricted Working Space, Add* | *941.44* | |
| 26 05 19 16-0462 | MLF | 37 Conductor #16 AWG, Stranded, Type TC Control Cable | 7,201.46 | 2,200.62 |
| | | *For Work In Restricted Working Space, Add* | *1,100.31* | |
| 26 05 19 16-0463 | MLF | 2 Conductor #14 AWG, Stranded, Type TC Control Cable | 1,181.21 | 535.99 |
| | | *For Work In Restricted Working Space, Add* | *267.99* | |
| 26 05 19 16-0464 | MLF | 3 Conductor #14 AWG, Stranded, Type TC Control Cable | 1,405.64 | 602.91 |
| | | *For Work In Restricted Working Space, Add* | *301.45* | |
| 26 05 19 16-0465 | MLF | 4 Conductor #14 AWG, Stranded, Type TC Control Cable | 1,645.30 | 689.13 |
| | | *For Work In Restricted Working Space, Add* | *344.56* | |
| 26 05 19 16-0466 | MLF | 5 Conductor #14 AWG, Stranded, Type TC Control Cable | 1,846.62 | 742.18 |
| | | *For Work In Restricted Working Space, Add* | *371.09* | |
| 26 05 19 16-0467 | MLF | 7 Conductor #14 AWG, Stranded, Type TC Control Cable | 2,447.73 | 909.79 |
| | | *For Work In Restricted Working Space, Add* | *454.89* | |
| 26 05 19 16-0468 | MLF | 9 Conductor #14 AWG, Stranded, Type TC Control Cable | 2,815.37 | 1,004.84 |
| | | *For Work In Restricted Working Space, Add* | *502.52* | |
| 26 05 19 16-0469 | MLF | 12 Conductor #14 AWG, Stranded, Type TC Control Cable | 3,438.32 | 1,121.41 |
| | | *For Work In Restricted Working Space, Add* | *560.70* | |
| 26 05 19 16-0470 | MLF | 15 Conductor #14 AWG, Stranded, Type TC Control Cable | 4,106.91 | 1,339.46 |
| | | *For Work In Restricted Working Space, Add* | *669.83* | |
| 26 05 19 16-0471 | MLF | 19 Conductor #14 AWG, Stranded, Type TC Control Cable | 6,838.55 | 1,556.51 |
| | | *For Work In Restricted Working Space, Add* | *778.05* | |
| 26 05 19 16-0472 | MLF | 25 Conductor #14 AWG, Stranded, Type TC Control Cable | 6,127.09 | 1,819.77 |
| | | *For Work In Restricted Working Space, Add* | *910.09* | |
| 26 05 19 16-0473 | MLF | 30 Conductor #14 AWG, Stranded, Type TC Control Cable | 7,109.97 | 2,033.61 |
| | | *For Work In Restricted Working Space, Add* | *1,016.81* | |
| 26 05 19 16-0474 | MLF | 37 Conductor #14 AWG, Stranded, Type TC Control Cable | 8,555.01 | 2,376.66 |
| | | *For Work In Restricted Working Space, Add* | *1,188.33* | |
| 26 05 19 16-0475 | MLF | 2 Conductor #12 AWG, Stranded, Type TC Control Cable | 1,368.70 | 573.97 |
| | | *For Work In Restricted Working Space, Add* | *286.99* | |
| 26 05 19 16-0476 | MLF | 3 Conductor #12 AWG, Stranded, Type TC Control Cable | 1,628.24 | 635.07 |
| | | *For Work In Restricted Working Space, Add* | *317.43* | |
| 26 05 19 16-0477 | MLF | 4 Conductor #12 AWG, Stranded, Type TC Control Cable | 1,974.31 | 730.73 |
| | | *For Work In Restricted Working Space, Add* | *365.36* | |
| 26 05 19 16-0478 | MLF | 5 Conductor #12 AWG, Stranded, Type TC Control Cable | 2,227.67 | 777.75 |
| | | *For Work In Restricted Working Space, Add* | *388.88* | |
| 26 05 19 16-0479 | MLF | 7 Conductor #12 AWG, Stranded, Type TC Control Cable | 2,922.84 | 927.28 |
| | | *For Work In Restricted Working Space, Add* | *463.64* | |
| 26 05 19 16-0480 | MLF | 9 Conductor #12 AWG, Stranded, Type TC Control Cable | 3,599.34 | 1,096.09 |
| | | *For Work In Restricted Working Space, Add* | *548.04* | |
| 26 05 19 16-0481 | MLF | 12 Conductor #12 AWG, Stranded, Type TC Control Cable | 4,364.10 | 1,236.56 |
| | | *For Work In Restricted Working Space, Add* | *618.28* | |
| 26 05 19 16-0482 | MLF | 15 Conductor #12 AWG, Stranded, Type TC Control Cable | 5,186.91 | 1,418.64 |
| | | *For Work In Restricted Working Space, Add* | *709.32* | |
| 26 05 19 16-0483 | MLF | 19 Conductor #12 AWG, Stranded, Type TC Control Cable | 6,123.38 | 1,607.96 |
| | | *For Work In Restricted Working Space, Add* | *803.98* | |
| 26 05 19 16-0484 | MLF | 25 Conductor #12 AWG, Stranded, Type TC Control Cable | 7,817.46 | 1,879.26 |
| | | *For Work In Restricted Working Space, Add* | *939.63* | |
| 26 05 19 16-0485 | MLF | 30 Conductor #12 AWG, Stranded, Type TC Control Cable | 9,055.55 | 2,196.40 |
| | | *For Work In Restricted Working Space, Add* | *1,098.20* | |
| 26 05 19 16-0486 | MLF | 37 Conductor #12 AWG, Stranded, Type TC Control Cable | 10,939.79 | 2,567.18 |
| | | *For Work In Restricted Working Space, Add* | *1,283.59* | |
| 26 05 19 16-0487 | MLF | 2 Conductor #10 AWG, Stranded, Type TC Control Cable | 1,620.14 | 602.91 |
| | | *For Work In Restricted Working Space, Add* | *301.45* | |
| 26 05 19 16-0488 | MLF | 3 Conductor #10 AWG, Stranded, Type TC Control Cable | 2,010.15 | 661.19 |
| | | *For Work In Restricted Working Space, Add* | *330.39* | |
| 26 05 19 16-0489 | MLF | 4 Conductor #10 AWG, Stranded, Type TC Control Cable | 2,441.51 | 753.64 |
| | | *For Work In Restricted Working Space, Add* | *376.82* | |
| 26 05 19 16-0490 | MLF | 5 Conductor #10 AWG, Stranded, Type TC Control Cable | 2,830.27 | 817.55 |
| | | *For Work In Restricted Working Space, Add* | *408.77* | |
| 26 05 19 16-0491 | MLF | 7 Conductor #10 AWG, Stranded, Type TC Control Cable | 3,821.48 | 1,026.15 |
| | | *For Work In Restricted Working Space, Add* | *513.08* | |
| 26 05 19 16-0492 | MLF | 9 Conductor #10 AWG, Stranded, Type TC Control Cable | 4,522.23 | 1,148.54 |
| | | *For Work In Restricted Working Space, Add* | *574.27* | |
| 26 05 19 16-0493 | MLF | 12 Conductor #10 AWG, Stranded, Type TC Control Cable | 5,269.78 | 1,339.66 |
| | | *For Work In Restricted Working Space, Add* | *669.83* | |
| 26 05 19 16-0494 | MLF | 15 Conductor #10 AWG, Stranded, Type TC Control Cable | 6,222.57 | 1,531.99 |
| | | *For Work In Restricted Working Space, Add* | *766.00* | |
| 26 05 19 16-0495 | MLF | 19 Conductor #10 AWG, Stranded, Type TC Control Cable | 7,370.44 | 1,736.38 |
| | | *For Work In Restricted Working Space, Add* | *868.19* | |
| 26 05 19 16-0496 | MLF | 25 Conductor #10 AWG, Stranded, Type TC Control Cable | 9,473.28 | 2,029.39 |
| | | *For Work In Restricted Working Space, Add* | *1,014.70* | |
| 26 05 19 16-0497 | MLF | 30 Conductor #10 AWG, Stranded, Type TC Control Cable | 10,966.43 | 2,371.84 |
| | | *For Work In Restricted Working Space, Add* | *1,185.92* | |
| 26 05 19 16-0498 | MLF | 37 Conductor #10 AWG, Stranded, Type TC Control Cable | 13,280.79 | 2,772.77 |
| | | *For Work In Restricted Working Space, Add* | *1,386.39* | |

### 26 05 19 16-0499 ACSR (Aluminum Conductor Steel Reinforced) *(26 05 19 16-0011)*

Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.

### 26 05 19 16-0500 ACSR Cable *(26 05 19 16-0499)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0501 | MLF | #4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial) | 1,431.44 | 509.00 |
| 26 05 19 16-0502 | MLF | #4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial) | 1,500.57 | 528.52 |
| 26 05 19 16-0503 | MLF | #2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial) | 1,584.18 | 548.87 |
| 26 05 19 16-0504 | MLF | #2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial) | 1,653.97 | 568.74 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0505 | MLF | 1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial) | 1,766.79 | 588.03 |
| 26 05 19 16-0506 | MLF | 2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial) | 2,027.72 | 666.60 |
| 26 05 19 16-0507 | MLF | 3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial) | 2,299.28 | 743.39 |
| 26 05 19 16-0508 | MLF | 4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial) | 2,588.38 | 821.25 |
| 26 05 19 16-0509 | MLF | 336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial) | 3,187.53 | 1,055.39 |
| 26 05 19 16-0510 | MLF | 477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial) | 3,642.55 | 1,210.63 |
| 26 05 19 16-0511 | | All Aluminum Conductors *(26 05 19 16-0499)* | | |
| 26 05 19 16-0512 | MLF | 795.0 ACSR Conductor Aluminum | 27,169.66 | 10,017.36 |
| 26 05 19 16-0513 | | Single Conductor Installed On Poles *(26 05 19 16-0011)* | | |
| 26 05 19 16-0514 | | Bare Stranded Conductor *(26 05 19 16-0513)* | | |
| 26 05 19 16-0515 | MLF | #12 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 1,324.62 | 431.27 |
| 26 05 19 16-0516 | MLF | #10 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 1,568.90 | 470.07 |
| 26 05 19 16-0517 | MLF | #8 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 1,814.43 | 509.35 |
| 26 05 19 16-0518 | MLF | #6 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 2,258.91 | 548.87 |
| 26 05 19 16-0519 | MLF | #4 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 2,784.37 | 588.50 |
| 26 05 19 16-0520 | MLF | #2 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 4,053.53 | 705.87 |
| 26 05 19 16-0521 | MLF | #1 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 4,671.12 | 784.08 |
| 26 05 19 16-0522 | MLF | 1/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 5,346.74 | 860.88 |
| 26 05 19 16-0523 | MLF | 2/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 7,234.60 | 1,021.06 |
| 26 05 19 16-0524 | MLF | 3/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 8,810.32 | 1,173.95 |
| 26 05 19 16-0525 | MLF | 4/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 9,422.59 | 1,330.48 |
| 26 05 19 16-0526 | MLF | 250 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 11,982.80 | 1,568.04 |
| 26 05 19 16-0527 | MLF | 300 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 12,235.27 | 1,650.61 |
| 26 05 19 16-0528 | MLF | 350 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 15,435.11 | 1,728.57 |
| 26 05 19 16-0529 | MLF | 400 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 17,110.39 | 1,799.49 |
| 26 05 19 16-0530 | MLF | 500 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles | 20,053.47 | 1,876.29 |
| 26 05 19 16-0531 | | Insulated Stranded Conductor *(26 05 19 16-0513)* | | |
| 26 05 19 16-0532 | MLF | #12 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 1,448.95 | 431.27 |
| 26 05 19 16-0533 | MLF | #10 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 1,729.31 | 470.07 |
| 26 05 19 16-0534 | MLF | #8 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 2,131.10 | 509.35 |
| 26 05 19 16-0535 | MLF | #6 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 2,318.86 | 548.87 |
| 26 05 19 16-0536 | MLF | #4 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 2,875.82 | 588.50 |
| 26 05 19 16-0537 | MLF | #2 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 3,921.45 | 705.87 |
| 26 05 19 16-0538 | MLF | #1 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 4,657.94 | 784.08 |
| 26 05 19 16-0539 | MLF | 1/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 5,530.63 | 860.88 |
| 26 05 19 16-0540 | MLF | 2/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 6,669.88 | 1,021.06 |
| 26 05 19 16-0541 | MLF | 3/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 8,023.16 | 1,173.95 |
| 26 05 19 16-0542 | MLF | 4/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 9,484.00 | 1,330.48 |
| 26 05 19 16-0543 | MLF | 250 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 11,607.08 | 1,568.04 |
| 26 05 19 16-0544 | MLF | 300 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 13,229.80 | 1,650.61 |
| 26 05 19 16-0545 | MLF | 350 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 14,547.95 | 1,728.57 |
| 26 05 19 16-0546 | MLF | 400 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 16,374.82 | 1,799.49 |
| 26 05 19 16-0547 | MLF | 500 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles | 18,488.94 | 1,876.29 |
| 26 05 19 16-0548 | | Bare Solid Conductor *(26 05 19 16-0513)* | | |
| 26 05 19 16-0549 | MLF | #12 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles | 1,324.62 | 431.27 |
| 26 05 19 16-0550 | MLF | #8 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles | 1,814.43 | 509.35 |
| 26 05 19 16-0551 | MLF | #6 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles | 2,258.91 | 548.87 |
| 26 05 19 16-0552 | MLF | #4 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles | 2,746.58 | 588.50 |
| 26 05 19 16-0553 | | Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0011)* | | |
| 26 05 19 16-0554 | | Multi-Conductor Cords *(26 05 19 16-0553)*<br>Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies. | | |
| 26 05 19 16-0555 | | Multi-Conductor Type SOOW And SJOOW Cord *(26 05 19 16-0554)*<br>Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation. | | |
| 26 05 19 16-0556 | | 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0555)* | | |
| 26 05 19 16-0557 | | #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0556)* | | |
| 26 05 19 16-0558 | LF | 2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 1.33 | 0.44 |
| 26 05 19 16-0559 | LF | 3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 1.42 | 0.44 |
| 26 05 19 16-0560 | LF | 4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 1.65 | 0.44 |
| 26 05 19 16-0561 | | #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0556)* | | |
| 26 05 19 16-0562 | LF | 2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 1.54 | 0.44 |
| 26 05 19 16-0563 | LF | 3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 1.70 | 0.44 |
| 26 05 19 16-0564 | LF | 4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 1.90 | 0.44 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0565 | | #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0556)* | | |
| 26 05 19 16-0566 | LF | 2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 1.82 | 0.44 |
| 26 05 19 16-0567 | LF | 3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 2.05 | 0.44 |
| 26 05 19 16-0568 | LF | 4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 2.51 | 0.44 |
| 26 05 19 16-0569 | | #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0556)* | | |
| 26 05 19 16-0570 | LF | 2 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 2.21 | 0.44 |
| 26 05 19 16-0571 | LF | 3 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 2.49 | 0.44 |
| 26 05 19 16-0572 | LF | 4 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 2.88 | 0.44 |
| 26 05 19 16-0573 | | #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0556)* | | |
| 26 05 19 16-0574 | LF | 2 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 3.02 | 0.55 |
| 26 05 19 16-0575 | LF | 3 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 3.21 | 0.55 |
| 26 05 19 16-0576 | LF | 4 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene) | 3.50 | 0.55 |
| 26 05 19 16-0577 | | 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0555)* | | |
| 26 05 19 16-0578 | | #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0577)* | | |
| 26 05 19 16-0579 | LF | 2 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 1.42 | 0.44 |
| 26 05 19 16-0580 | LF | 3 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 1.58 | 0.44 |
| 26 05 19 16-0581 | LF | 4 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 1.80 | 0.44 |
| 26 05 19 16-0582 | LF | 5 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 3.41 | 0.59 |
| 26 05 19 16-0583 | LF | 6 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 3.78 | 0.61 |
| 26 05 19 16-0584 | LF | 7 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 4.03 | 0.63 |
| 26 05 19 16-0585 | LF | 8 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 4.49 | 0.64 |
| 26 05 19 16-0586 | LF | 10 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 5.23 | 0.67 |
| 26 05 19 16-0587 | LF | 12 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 6.06 | 0.69 |
| 26 05 19 16-0588 | LF | 14 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 8.25 | 0.71 |
| 26 05 19 16-0589 | LF | 16 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 8.40 | 0.72 |
| 26 05 19 16-0590 | LF | 18 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 8.63 | 0.74 |
| 26 05 19 16-0591 | LF | 20 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 9.69 | 0.76 |
| 26 05 19 16-0592 | LF | 24 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 12.44 | 0.77 |
| 26 05 19 16-0593 | LF | 30 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 12.96 | 0.82 |
| 26 05 19 16-0594 | | #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0577)* | | |
| 26 05 19 16-0595 | LF | 2 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 1.69 | 0.44 |
| 26 05 19 16-0596 | LF | 3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 1.83 | 0.44 |
| 26 05 19 16-0597 | LF | 4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 2.12 | 0.44 |
| 26 05 19 16-0598 | LF | 5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 3.60 | 0.59 |
| 26 05 19 16-0599 | LF | 6 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 4.03 | 0.61 |
| 26 05 19 16-0600 | LF | 7 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 4.44 | 0.63 |
| 26 05 19 16-0601 | LF | 8 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 4.98 | 0.64 |
| 26 05 19 16-0602 | LF | 9 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 5.20 | 0.66 |
| 26 05 19 16-0603 | LF | 10 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 5.84 | 0.67 |
| 26 05 19 16-0604 | LF | 12 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 6.94 | 0.69 |
| 26 05 19 16-0605 | LF | 14 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 7.49 | 0.71 |
| 26 05 19 16-0606 | LF | 16 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 8.56 | 0.72 |
| 26 05 19 16-0607 | LF | 18 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 10.00 | 0.74 |
| 26 05 19 16-0608 | LF | 20 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 11.32 | 0.76 |
| 26 05 19 16-0609 | LF | 24 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 13.85 | 0.77 |
| 26 05 19 16-0610 | LF | 26 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 15.30 | 0.79 |
| 26 05 19 16-0611 | LF | 30 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 17.94 | 0.82 |
| 26 05 19 16-0612 | | #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0577)* | | |
| 26 05 19 16-0613 | LF | 2 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 2.09 | 0.44 |
| 26 05 19 16-0614 | LF | 3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 2.26 | 0.44 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0615 | LF | 4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 2.67 | 0.44 |
| 26 05 19 16-0616 | LF | 5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 4.89 | 0.59 |
| 26 05 19 16-0617 | LF | 6 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 5.99 | 0.61 |
| 26 05 19 16-0618 | LF | 7 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 6.34 | 0.63 |
| 26 05 19 16-0619 | LF | 8 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 7.22 | 0.64 |
| 26 05 19 16-0620 | LF | 9 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 7.80 | 0.66 |
| 26 05 19 16-0621 | LF | 10 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 8.78 | 0.67 |
| 26 05 19 16-0622 | LF | 12 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 9.73 | 0.69 |
| 26 05 19 16-0623 | LF | 14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 10.80 | 0.71 |
| 26 05 19 16-0624 | LF | 16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 13.16 | 0.72 |
| 26 05 19 16-0625 | LF | 20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 14.83 | 0.76 |
| 26 05 19 16-0626 | LF | 24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 17.64 | 0.77 |
| 26 05 19 16-0627 | LF | 30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 20.98 | 0.82 |

## 26 05 19 16-0628 #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

*(26 05 19 16-0577)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0629 | LF | 2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 2.51 | 0.44 |
| 26 05 19 16-0630 | LF | 3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 2.82 | 0.44 |
| 26 05 19 16-0631 | LF | 4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 3.13 | 0.44 |
| 26 05 19 16-0632 | LF | 5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 5.71 | 0.59 |
| 26 05 19 16-0633 | LF | 6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 6.72 | 0.61 |
| 26 05 19 16-0634 | LF | 7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 7.74 | 0.63 |
| 26 05 19 16-0635 | LF | 8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 8.87 | 0.64 |
| 26 05 19 16-0636 | LF | 9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 9.66 | 0.66 |
| 26 05 19 16-0637 | LF | 10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 11.02 | 0.67 |
| 26 05 19 16-0638 | LF | 12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 12.64 | 0.69 |
| 26 05 19 16-0639 | LF | 14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 14.15 | 0.71 |
| 26 05 19 16-0640 | LF | 16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 15.66 | 0.72 |
| 26 05 19 16-0641 | LF | 18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 16.37 | 0.74 |
| 26 05 19 16-0642 | LF | 20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 18.99 | 0.76 |
| 26 05 19 16-0643 | LF | 24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 21.68 | 0.77 |
| 26 05 19 16-0644 | LF | 26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 24.39 | 0.79 |
| 26 05 19 16-0645 | LF | 28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 25.23 | 0.81 |
| 26 05 19 16-0646 | LF | 30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 26.17 | 0.82 |

## 26 05 19 16-0647 #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

*(26 05 19 16-0577)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0648 | LF | 2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 2.94 | 0.55 |
| 26 05 19 16-0649 | LF | 3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 3.20 | 0.55 |
| 26 05 19 16-0650 | LF | 4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 3.48 | 0.55 |
| 26 05 19 16-0651 | LF | 5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 4.84 | 0.59 |
| 26 05 19 16-0652 | LF | 6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 8.39 | 0.61 |
| 26 05 19 16-0653 | LF | 7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 9.97 | 0.63 |
| 26 05 19 16-0654 | LF | 10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 13.00 | 0.67 |
| 26 05 19 16-0655 | LF | 12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 15.01 | 0.69 |
| 26 05 19 16-0656 | LF | 16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 19.34 | 0.72 |
| 26 05 19 16-0657 | LF | 20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron) | 28.52 | 0.76 |

## 26 05 19 16-0658 #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

*(26 05 19 16-0577)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0659 | LF | 3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 6.31 | 0.66 |
| 26 05 19 16-0660 | LF | 4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 6.91 | 0.77 |
| 26 05 19 16-0661 | LF | 5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 9.75 | 0.77 |

## 26 05 19 16-0662 #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord

*(26 05 19 16-0577)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0663 | LF | 3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 9.39 | 0.77 |
| 26 05 19 16-0664 | LF | 4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 11.38 | 0.88 |
| 26 05 19 16-0665 | LF | 5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 13.66 | 1.10 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0666 | | #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0577)* | | |
| 26 05 19 16-0667 | LF | 3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 15.21 | 1.10 |
| 26 05 19 16-0668 | LF | 4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 16.76 | 1.21 |
| 26 05 19 16-0669 | LF | 5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 20.38 | 1.32 |
| 26 05 19 16-0670 | | #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0577)* | | |
| 26 05 19 16-0671 | LF | 3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 22.04 | 2.20 |
| 26 05 19 16-0672 | LF | 4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 28.13 | 2.75 |
| 26 05 19 16-0673 | LF | 5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene) | 33.55 | 3.63 |
| 26 05 19 16-0674 | | 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0555)* | | |
| 26 05 19 16-0675 | | #18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0674)* | | |
| 26 05 19 16-0676 | LF | 2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 1.91 | 0.44 |
| 26 05 19 16-0677 | LF | 3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 2.17 | 0.44 |
| 26 05 19 16-0678 | LF | 4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 2.69 | 0.44 |
| 26 05 19 16-0679 | | #16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0674)* | | |
| 26 05 19 16-0680 | LF | 2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 2.07 | 0.44 |
| 26 05 19 16-0681 | LF | 3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 2.48 | 0.44 |
| 26 05 19 16-0682 | LF | 4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 2.67 | 0.44 |
| 26 05 19 16-0683 | | #14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0674)* | | |
| 26 05 19 16-0684 | LF | 2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 3.10 | 0.44 |
| 26 05 19 16-0685 | LF | 3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 4.79 | 0.44 |
| 26 05 19 16-0686 | LF | 4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) | 6.26 | 0.55 |
| 26 05 19 16-0687 | | 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0555)* | | |
| 26 05 19 16-0688 | | #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0687)* | | |
| 26 05 19 16-0689 | LF | 2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 2.97 | 0.44 |
| 26 05 19 16-0690 | LF | 3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 3.68 | 0.44 |
| 26 05 19 16-0691 | LF | 4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 4.42 | 0.44 |
| 26 05 19 16-0692 | | #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0687)* | | |
| 26 05 19 16-0693 | LF | 2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 3.22 | 0.44 |
| 26 05 19 16-0694 | LF | 3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 3.95 | 0.44 |
| 26 05 19 16-0695 | LF | 4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 5.10 | 0.44 |
| 26 05 19 16-0696 | LF | 5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 5.51 | 0.55 |
| 26 05 19 16-0697 | | #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0687)* | | |
| 26 05 19 16-0698 | LF | 3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 4.12 | 0.44 |
| 26 05 19 16-0699 | LF | 4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 5.05 | 0.44 |
| 26 05 19 16-0700 | LF | 5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 5.67 | 0.55 |
| 26 05 19 16-0701 | | #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0687)* | | |
| 26 05 19 16-0702 | LF | 3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 5.00 | 0.44 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0703 | LF | 4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 5.82 | 0.44 |
| 26 05 19 16-0704 | LF | 5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 6.52 | 0.55 |
| 26 05 19 16-0705 | | #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0687)* | | |
| 26 05 19 16-0706 | LF | 3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 5.77 | 0.55 |
| 26 05 19 16-0707 | LF | 4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 6.51 | 0.55 |
| 26 05 19 16-0708 | LF | 5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) | 7.20 | 0.55 |
| 26 05 19 16-0709 | | Multi-Conductor Type SEOW Cord *(26 05 19 16-0554)* | | |
| | | Note: Includes thermoplastic elastomeric (TPE) insulation. | | |
| 26 05 19 16-0710 | | 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0709)* | | |
| 26 05 19 16-0711 | | #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0710)* | | |
| 26 05 19 16-0712 | LF | 3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 2.10 | 0.44 |
| 26 05 19 16-0713 | LF | 4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 2.38 | 0.44 |
| 26 05 19 16-0714 | LF | 5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 3.90 | 0.55 |
| 26 05 19 16-0715 | | #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0710)* | | |
| 26 05 19 16-0716 | LF | 3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 2.96 | 0.44 |
| 26 05 19 16-0717 | LF | 4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 3.50 | 0.44 |
| 26 05 19 16-0718 | LF | 5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 5.25 | 0.55 |
| 26 05 19 16-0719 | | #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0710)* | | |
| 26 05 19 16-0720 | LF | 3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 3.84 | 0.44 |
| 26 05 19 16-0721 | LF | 4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 4.54 | 0.44 |
| 26 05 19 16-0722 | LF | 5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 5.83 | 0.55 |
| 26 05 19 16-0723 | | #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0710)* | | |
| 26 05 19 16-0724 | LF | 3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 4.98 | 0.55 |
| 26 05 19 16-0725 | LF | 4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 5.82 | 0.55 |
| 26 05 19 16-0726 | LF | 5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord | 6.25 | 0.55 |
| 26 05 19 16-0727 | | Multi-Conductor Type W Cord *(26 05 19 16-0554)* | | |
| | | Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation. | | |
| 26 05 19 16-0728 | | 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0727)* | | |
| 26 05 19 16-0729 | | #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0728)* | | |
| 26 05 19 16-0730 | LF | 3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 7.02 | 0.66 |
| 26 05 19 16-0731 | LF | 4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 7.57 | 0.77 |
| 26 05 19 16-0732 | LF | 5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 9.08 | 0.77 |
| 26 05 19 16-0733 | | #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0728)* | | |
| 26 05 19 16-0734 | LF | 3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 7.49 | 0.77 |
| 26 05 19 16-0735 | LF | 4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 8.97 | 0.88 |
| 26 05 19 16-0736 | LF | 5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 11.20 | 1.10 |
| 26 05 19 16-0737 | | #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0728)* | | |
| 26 05 19 16-0738 | LF | 3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 10.60 | 0.77 |
| 26 05 19 16-0739 | LF | 4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 12.53 | 0.88 |
| 26 05 19 16-0740 | LF | 5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron) | 16.22 | 1.10 |
| 26 05 19 16-0741 | | Cord Grips, Cable Reels, Extension Cords, And Accessories *(26 05 19 16-0553)* | | |
| 26 05 19 16-0742 | | Cord Grips *(26 05 19 16-0741)* | | |
| 26 05 19 16-0743 | EA | Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel | 69.85 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.00* | |
| 26 05 19 16-0744 | EA | Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel | 70.21 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.00* | |
| 26 05 19 16-0745 | | Cable Reels *(26 05 19 16-0741)* | | |
| | | Note: Includes handling, mounting, electrical connections and installing cord. | | |
| 26 05 19 16-0746 | EA | 30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A) | 856.56 | 54.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0747 | EA | 50', 10-4, SEOOW, Extension Cord Reel (Reelcraft L 7050 104 X 1) | 2,460.62 | 54.99 |
| 26 05 19 16-0748 | EA | 50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K) | 1,826.55 | 54.99 |
| **26 05 19 16-0749** | | **Extension Cords For Cable Reel** *(26 05 19 16-0741)* | | |
| 26 05 19 16-0750 | EA | 100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord | 180.80 | |
| 26 05 19 16-0751 | EA | 100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord | 256.98 | |
| **26 05 19 16-0752** | | **Plugs And Connector Bodies** *(26 05 19 16-0741)* Note: Up to 277 volt | | |
| **26 05 19 16-0753** | | **NEMA Twist-Lock Plugs** *(26 05 19 16-0752)* | | |
| 26 05 19 16-0754 | EA | 15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C) | 85.11 | |
| 26 05 19 16-0755 | EA | 15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK) | 87.42 | |
| 26 05 19 16-0756 | EA | 20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C) | 77.67 | |
| 26 05 19 16-0757 | EA | 20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331) | 84.82 | |
| 26 05 19 16-0758 | EA | 20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411) | 118.31 | |
| 26 05 19 16-0759 | EA | 20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441) | 127.38 | |
| 26 05 19 16-0760 | EA | 20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK) | 136.26 | |
| 26 05 19 16-0761 | EA | 30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK) | 119.66 | |
| 26 05 19 16-0762 | EA | 30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK) | 141.48 | |
| 26 05 19 16-0763 | EA | 30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761) | 145.72 | |
| 26 05 19 16-0764 | EA | 30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK) | 151.13 | |
| **26 05 19 16-0765** | | **NEMA Twist-Lock Connector Bodies** *(26 05 19 16-0752)* | | |
| 26 05 19 16-0766 | EA | 15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C) | 91.67 | |
| 26 05 19 16-0767 | EA | 15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C) | 99.87 | |
| 26 05 19 16-0768 | EA | 20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C) | 82.60 | |
| 26 05 19 16-0769 | EA | 20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK) | 119.66 | |
| 26 05 19 16-0770 | EA | 20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK) | 143.60 | |
| 26 05 19 16-0771 | EA | 20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443) | 155.18 | |
| 26 05 19 16-0772 | EA | 20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK) | 194.18 | |
| 26 05 19 16-0773 | EA | 30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK) | 184.33 | |
| 26 05 19 16-0774 | EA | 30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK) | 233.18 | |
| 26 05 19 16-0775 | EA | 30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753) | 246.11 | |
| 26 05 19 16-0776 | EA | 30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK) | 232.02 | |
| **26 05 19 16-0777** | | **Watertight Pin And Sleeve Plug** *(26 05 19 16-0752)* | | |
| 26 05 19 16-0778 | EA | 20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W) | 263.34 | 33.00 |
| 26 05 19 16-0779 | EA | 20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W) | 266.20 | 33.00 |
| 26 05 19 16-0780 | EA | 20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W) | 288.42 | 33.00 |
| 26 05 19 16-0781 | EA | 20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W) | 288.32 | 36.30 |
| 26 05 19 16-0782 | EA | 20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W) | 284.01 | 36.30 |
| 26 05 19 16-0783 | EA | 20 Amperes, Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W) | 285.29 | 36.30 |
| 26 05 19 16-0784 | EA | 30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W) | 403.41 | 40.59 |
| 26 05 19 16-0785 | EA | 30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W) | 392.67 | 40.59 |
| 26 05 19 16-0786 | EA | 30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W) | 438.78 | 40.59 |
| 26 05 19 16-0787 | EA | 30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W) | 430.28 | 44.55 |
| 26 05 19 16-0788 | EA | 30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W) | 411.64 | 44.55 |
| 26 05 19 16-0789 | EA | 30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W) | 424.46 | 44.55 |
| 26 05 19 16-0790 | EA | 60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W) | 548.53 | 52.80 |
| 26 05 19 16-0791 | EA | 60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W) | 558.75 | 52.80 |
| 26 05 19 16-0792 | EA | 60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W) | 534.51 | 52.80 |
| 26 05 19 16-0793 | EA | 60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W) | 608.97 | 58.73 |
| 26 05 19 16-0794 | EA | 60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W) | 593.06 | 58.73 |
| 26 05 19 16-0795 | EA | 60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W) | 599.94 | 58.73 |
| 26 05 19 16-0796 | EA | 100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W) | 753.89 | 66.00 |
| 26 05 19 16-0797 | EA | 100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W) | 793.38 | 66.00 |
| 26 05 19 16-0798 | EA | 100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W) | 772.06 | 72.60 |
| 26 05 19 16-0799 | EA | 100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W) | 758.58 | 72.60 |
| 26 05 19 16-0800 | EA | 100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W) | 765.86 | 72.60 |
| **26 05 19 16-0801** | | **Watertight Pin And Sleeve Connector** *(26 05 19 16-0752)* | | |
| 26 05 19 16-0802 | EA | 20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W) | 279.80 | 33.00 |
| 26 05 19 16-0803 | EA | 20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W) | 281.78 | 33.00 |
| 26 05 19 16-0804 | EA | 20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W) | 332.96 | 33.00 |
| 26 05 19 16-0805 | EA | 20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W) | 329.79 | 36.30 |
| 26 05 19 16-0806 | EA | 20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W) | 324.60 | 36.30 |
| 26 05 19 16-0807 | EA | 20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W) | 329.30 | 36.30 |
| 26 05 19 16-0808 | EA | 30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W) | 413.24 | 40.59 |
| 26 05 19 16-0809 | EA | 30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W) | 413.13 | 40.59 |
| 26 05 19 16-0810 | EA | 30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W) | 430.78 | 40.59 |
| 26 05 19 16-0811 | EA | 30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W) | 425.49 | 44.55 |
| 26 05 19 16-0812 | EA | 30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W) | 429.13 | 44.55 |
| 26 05 19 16-0813 | EA | 30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W) | 425.29 | 44.55 |
| 26 05 19 16-0814 | EA | 60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W) | 649.40 | 52.80 |
| 26 05 19 16-0815 | EA | 60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W) | 627.79 | 52.80 |
| 26 05 19 16-0816 | EA | 60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W) | 614.90 | 52.80 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 19 16-0817 | EA | 60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W) | 669.01 | 58.73 |
| 26 05 19 16-0818 | EA | 60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W) | 687.80 | 58.73 |
| 26 05 19 16-0819 | EA | 60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W) | 689.17 | 58.73 |
| 26 05 19 16-0820 | EA | 100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W) | 864.54 | 66.00 |
| 26 05 19 16-0821 | EA | 100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W) | 889.33 | 66.00 |
| 26 05 19 16-0822 | EA | 100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W) | 960.77 | 72.60 |
| 26 05 19 16-0823 | EA | 100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W) | 926.72 | 72.60 |
| 26 05 19 16-0824 | EA | 100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W) | 938.33 | 72.60 |

### 26 05 19 16-0825 Accessories *(26 05 19 16-0741)*

| | | | | |
|---|---|---|---|---|
| 26 05 19 16-0826 | EA | 1/2" Straight Steel Cord Connector | 55.32 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 19 16-0827 | EA | 1/2" Straight Nylon Cord Connector | 33.16 | 8.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 19 16-0828 | EA | 1/2" 90 Degree Steel Cord Connector | 63.32 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 19 16-0829 | EA | 1/2" 90 Degree Nylon Cord Connector | 39.90 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 19 16-0830 | EA | 1/2" Straight Steel Cord Connector With Strain Relief Mesh | 62.50 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 19 16-0831 | EA | 1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh | 108.22 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 05 19 16-0832 | EA | 1/2" Straight Nylon Cord Connector With Strain Relief Mesh | 39.27 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 19 16-0833 | EA | 1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh | 66.36 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 19 16-0834 | EA | 3/4" Straight Steel Cord Connector | 57.66 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 19 16-0835 | EA | 3/4" Straight Nylon Cord Connector | 34.34 | 8.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 19 16-0836 | EA | 3/4" 90 Degree Steel Cord Connector | 70.65 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 19 16-0837 | EA | 3/4" 90 Degree Nylon Cord Connector | 43.57 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 19 16-0838 | EA | 3/4" Straight Steel Cord Connector With Strain Relief Mesh | 70.45 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 05 19 16-0839 | EA | 3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh | 83.81 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 05 19 16-0840 | EA | 3/4" Straight Nylon Cord Connector With Strain Relief Mesh | 47.24 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 19 16-0841 | EA | 3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh | 57.05 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 05 19 16-0842 | EA | 1" Straight Steel Cord Connector | 72.71 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 19 16-0843 | EA | 1" Straight Nylon Cord Connector | 41.86 | 8.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 19 16-0844 | EA | 1" 90 Degree Steel Cord Connector | 80.59 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 19 16-0845 | EA | 1" 90 Degree Nylon Cord Connector | 48.55 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 19 16-0846 | EA | 1" Straight Steel Cord Connector With Strain Relief Mesh | 86.25 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 05 19 16-0847 | EA | 1" 90 Degree Steel Cord Connector With Strain Relief Mesh | 94.24 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 05 19 16-0848 | EA | 1" Straight Nylon Cord Connector With Strain Relief Mesh | 55.25 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 19 16-0849 | EA | 1" 90 Degree Nylon Cord Connector With Strain Relief Mesh | 63.84 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |

## 26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

### 26 05 23 00-0001 Cable For HVAC System Controls *(26 05 23)*

### 26 05 23 00-0002 Low Voltage Thermostat Cable To 300 Volt *(26 05 23 00-0001)*

Note: For surface or conduit installation.

| | | | | |
|---|---|---|---|---|
| 26 05 23 00-0003 | MLF | #20/2 Conductor, Low Volt Thermostat Cable | 464.01 | 128.12 |
| 26 05 23 00-0004 | MLF | #20/3 Conductor, Low Volt Thermostat Cable | 536.66 | 134.95 |
| 26 05 23 00-0005 | MLF | #20/4 Conductor, Low Volt Thermostat Cable | 583.88 | 142.69 |
| 26 05 23 00-0006 | MLF | #20/5 Conductor, Low Volt Thermostat Cable | 714.19 | 148.72 |
| 26 05 23 00-0007 | MLF | #20/6 Conductor, Low Volt Thermostat Cable | 750.14 | 155.76 |
| 26 05 23 00-0008 | MLF | #20/7 Conductor, Low Volt Thermostat Cable | 829.87 | 162.23 |
| 26 05 23 00-0009 | MLF | #20/8 Conductor, Low Volt Thermostat Cable | 898.42 | 168.71 |
| 26 05 23 00-0010 | MLF | #20/9 Conductor, Low Volt Thermostat Cable | 980.20 | 175.45 |
| 26 05 23 00-0011 | MLF | #20/10 Conductor, Low Volt Thermostat Cable | 1,059.51 | 180.72 |
| 26 05 23 00-0012 | MLF | #18/2 Conductor, Low Volt Thermostat Cable | 510.74 | 128.12 |
| 26 05 23 00-0013 | MLF | #18/3 Conductor, Low Volt Thermostat Cable | 620.03 | 134.95 |
| 26 05 23 00-0014 | MLF | #18/4 Conductor, Low Volt Thermostat Cable | 716.14 | 142.69 |
| 26 05 23 00-0015 | MLF | #18/5 Conductor, Low Volt Thermostat Cable | 768.79 | 148.72 |
| 26 05 23 00-0016 | MLF | #18/6 Conductor, Low Volt Thermostat Cable | 859.81 | 155.76 |
| 26 05 23 00-0017 | MLF | #18/7 Conductor, Low Volt Thermostat Cable | 880.22 | 162.23 |
| 26 05 23 00-0018 | MLF | #18/8 Conductor, Low Volt Thermostat Cable | 975.27 | 168.71 |
| 26 05 23 00-0019 | MLF | #18/9 Conductor, Low Volt Thermostat Cable | 1,164.59 | 175.45 |
| 26 05 23 00-0020 | MLF | #18/10 Conductor, Low Volt Thermostat Cable | 1,286.94 | 180.72 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 26 Grounding and Bonding for Electrical Systems** *(26 05)* | | | | |
| **26 05 26 00-0001** | | **Conductors, Straps And Conduit Jumpers** *(26 05 26)* | | |
| **26 05 26 00-0002** | | **Single Conductor** *(26 05 26 00-0001)* | | |
| **26 05 26 00-0003** | | **Copper Bare Stranded Conductors** *(26 05 26 00-0002)* | | |
| 26 05 26 00-0004 | MLF | 12 AWG Copper Bare Single Stranded Conductor | 592.86 | 198.54 |
| 26 05 26 00-0005 | MLF | 10 AWG Copper Bare Single Stranded Conductor | 810.15 | 198.54 |
| 26 05 26 00-0006 | MLF | 8 AWG Copper Bare Single Stranded Conductor | 1,028.24 | 239.16 |
| 26 05 26 00-0007 | MLF | 6 AWG Copper Bare Single Stranded Conductor | 1,467.60 | 239.16 |
| 26 05 26 00-0008 | MLF | 4 AWG Copper Bare Single Stranded Conductor | 2,017.10 | 288.78 |
| 26 05 26 00-0009 | MLF | 2 AWG Copper Bare Single Stranded Conductor | 3,255.63 | 288.78 |
| 26 05 26 00-0010 | MLF | 1 AWG Copper Bare Single Stranded Conductor | 3,789.70 | 347.45 |
| 26 05 26 00-0011 | MLF | 1/0 AWG Copper Bare Single Stranded Conductor | 4,452.81 | 347.45 |
| 26 05 26 00-0012 | MLF | 2/0 AWG Copper Bare Single Stranded Conductor | 6,315.43 | 437.69 |
| 26 05 26 00-0013 | MLF | 3/0 AWG Copper Bare Single Stranded Conductor | 7,823.69 | 437.69 |
| 26 05 26 00-0014 | MLF | 4/0 AWG Copper Bare Single Stranded Conductor | 8,251.65 | 582.09 |
| 26 05 26 00-0015 | MLF | 250 MCM Copper Bare Single Stranded Conductor | 10,679.01 | 582.09 |
| 26 05 26 00-0016 | MLF | 300 MCM Copper Bare Single Stranded Conductor | 10,680.64 | 672.34 |
| 26 05 26 00-0017 | MLF | 350 MCM Copper Bare Single Stranded Conductor | 14,525.35 | 672.34 |
| 26 05 26 00-0018 | MLF | 500 MCM Copper Bare Single Stranded Conductor | 19,913.03 | 830.27 |
| **26 05 26 00-0019** | | **Copper Insulated Single Stranded Conductors** *(26 05 26 00-0002)* | | |
| 26 05 26 00-0020 | MLF | 12 AWG Copper Insulated Single Stranded Conductor | 1,204.64 | 270.74 |
| 26 05 26 00-0021 | MLF | 10 AWG Copper Insulated Single Stranded Conductor | 1,256.22 | 270.74 |
| 26 05 26 00-0022 | MLF | 8 AWG Copper Insulated Single Stranded Conductor | 1,636.09 | 270.74 |
| 26 05 26 00-0023 | MLF | 6 AWG Copper Insulated Single Stranded Conductor | 1,831.34 | 469.28 |
| 26 05 26 00-0024 | MLF | 4 AWG Copper Insulated Single Stranded Conductor | 2,526.77 | 469.28 |
| 26 05 26 00-0025 | MLF | 2 AWG Copper Insulated Single Stranded Conductor | 3,635.08 | 469.28 |
| 26 05 26 00-0026 | MLF | 1 AWG Copper Insulated Single Stranded Conductor | 4,429.15 | 821.24 |
| 26 05 26 00-0027 | MLF | 1/0 AWG Copper Insulated Single Stranded Conductor | 5,439.17 | 821.24 |
| 26 05 26 00-0028 | MLF | 2/0 AWG Copper Insulated Single Stranded Conductor | 6,429.98 | 821.24 |
| 26 05 26 00-0029 | MLF | 3/0 AWG Copper Insulated Single Stranded Conductor | 7,725.67 | 821.24 |
| 26 05 26 00-0030 | MLF | 4/0 AWG Copper Insulated Single Stranded Conductor | 9,169.41 | 1,073.93 |
| 26 05 26 00-0031 | MLF | 250 MCM Copper Insulated Single Stranded Conductor | 11,173.52 | 1,073.93 |
| 26 05 26 00-0032 | MLF | 300 MCM Copper Insulated Single Stranded Conductor | 13,075.78 | 1,073.93 |
| 26 05 26 00-0033 | MLF | 350 MCM Copper Insulated Single Stranded Conductor | 15,168.23 | 1,669.56 |
| 26 05 26 00-0034 | MLF | 500 MCM Copper Insulated Single Stranded Conductor | 19,978.55 | 1,669.56 |
| **26 05 26 00-0035** | | **Copper Bare Single Solid Conductors** *(26 05 26 00-0002)* | | |
| 26 05 26 00-0036 | MLF | 12 AWG Copper Bare Single Solid Conductor | 592.86 | 198.54 |
| 26 05 26 00-0037 | MLF | 10 AWG Copper Bare Single Solid Conductor | 810.15 | 198.54 |
| 26 05 26 00-0038 | MLF | 8 AWG Copper Bare Single Solid Conductor | 1,028.24 | 239.16 |
| 26 05 26 00-0039 | MLF | 6 AWG Copper Bare Single Solid Conductor | 1,467.60 | 239.16 |
| 26 05 26 00-0040 | MLF | 4 AWG Copper Bare Single Solid Conductor | 2,017.10 | 288.78 |
| 26 05 26 00-0041 | MLF | 2 AWG Copper Bare Single Solid Conductor | 3,255.63 | 288.78 |
| 26 05 26 00-0042 | MLF | 1/0 AWG Copper Bare Single Solid Conductor | 4,452.81 | 347.45 |
| 26 05 26 00-0043 | MLF | 4/0 AWG Copper Bare Single Solid Conductor | 8,251.65 | 460.25 |
| **26 05 26 00-0044** | | **Aluminum Bare Single Stranded Conductors** *(26 05 26 00-0002)* | | |
| 26 05 26 00-0045 | MLF | 8 AWG Aluminum Bare Single Stranded Conductor | 520.07 | 239.16 |
| 26 05 26 00-0046 | MLF | 6 AWG Aluminum Bare Single Stranded Conductor | 560.94 | 239.16 |
| 26 05 26 00-0047 | MLF | 4 AWG Aluminum Bare Single Stranded Conductor | 623.51 | 288.78 |
| 26 05 26 00-0048 | MLF | 2 AWG Aluminum Bare Single Stranded Conductor | 747.25 | 288.78 |
| 26 05 26 00-0049 | MLF | 1 AWG Aluminum Bare Single Stranded Conductor | 828.10 | 347.45 |
| 26 05 26 00-0050 | MLF | 1/0 AWG Aluminum Bare Single Stranded Conductor | 947.94 | 347.45 |
| 26 05 26 00-0051 | MLF | 2/0 AWG Aluminum Bare Single Stranded Conductor | 1,073.69 | 437.69 |
| 26 05 26 00-0052 | MLF | 3/0 AWG Aluminum Bare Single Stranded Conductor | 1,215.48 | 437.69 |
| 26 05 26 00-0053 | MLF | 4/0 AWG Aluminum Bare Single Stranded Conductor | 1,454.48 | 582.09 |
| 26 05 26 00-0054 | MLF | 250 MCM Aluminum Bare Single Stranded Conductor | 1,604.77 | 582.09 |
| 26 05 26 00-0055 | MLF | 300 MCM Aluminum Bare Single Stranded Conductor | 1,830.80 | 672.34 |
| 26 05 26 00-0056 | MLF | 350 MCM Aluminum Bare Single Stranded Conductor | 2,029.66 | 672.34 |
| 26 05 26 00-0057 | MLF | 500 MCM Aluminum Bare Single Stranded Conductor | 2,406.77 | 830.27 |
| **26 05 26 00-0058** | | **Aluminum Bare Single Solid Conductors** *(26 05 26 00-0002)* | | |
| 26 05 26 00-0059 | MLF | 8 AWG Aluminum Bare Single Solid Conductor | 520.07 | 239.16 |
| 26 05 26 00-0060 | MLF | 6 AWG Aluminum Bare Single Solid Conductor | 560.94 | 239.16 |
| 26 05 26 00-0061 | MLF | 4 AWG Aluminum Bare Single Solid Conductor | 623.51 | 288.78 |
| 26 05 26 00-0062 | MLF | 2 AWG Aluminum Bare Single Solid Conductor | 747.25 | 288.78 |
| 26 05 26 00-0063 | MLF | 1 AWG Aluminum Bare Single Solid Conductor | 791.67 | 460.25 |
| 26 05 26 00-0064 | MLF | 1/0 AWG Aluminum Bare Single Solid Conductor | 947.94 | 460.25 |
| 26 05 26 00-0065 | MLF | 2/0 AWG Aluminum Bare Single Solid Conductor | 983.47 | 437.69 |
| 26 05 26 00-0066 | MLF | 3/0 AWG Aluminum Bare Single Solid Conductor | 1,033.81 | 437.69 |
| 26 05 26 00-0067 | MLF | 4/0 AWG Aluminum Bare Single Solid Conductor | 1,454.48 | 582.09 |
| 26 05 26 00-0068 | MLF | 250 MCM Aluminum Bare Single Solid Conductor | 1,604.77 | 582.09 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 26 00-0069 | MLF | 300 MCM Aluminum Bare Single Solid Conductor | 1,830.80 | 672.34 |
| 26 05 26 00-0070 | MLF | 350 MCM Aluminum Bare Single Solid Conductor | 2,029.66 | 672.34 |
| 26 05 26 00-0071 | MLF | 500 MCM Aluminum Bare Single Solid Conductor | 2,406.77 | 830.27 |
| **26 05 26 00-0072** | | **Aluminum Smooth Woven Conductors** *(26 05 26 00-0002)* | | |
| 26 05 26 00-0073 | LF | 10 Strand x 14 AWG Smooth Weave Aluminum Conductor | 2.61 | 0.76 |
| 26 05 26 00-0074 | LF | 16 Strand x 14 AWG Smooth Weave Aluminum Conductor | 2.90 | 0.83 |
| 26 05 26 00-0075 | LF | 24 Strand x 14 AWG Smooth Weave Aluminum Conductor | 3.44 | 0.95 |
| 26 05 26 00-0076 | LF | 26 Strand x 14 AWG Smooth Weave Aluminum Conductor | 3.46 | 0.98 |
| 26 05 26 00-0077 | LF | 28 Strand x 14 AWG Smooth Weave Aluminum Conductor | 3.63 | 1.02 |
| **26 05 26 00-0078** | | **Copper Flexible Braid Connector Jumper Strap** *(26 05 26 00-0001)* | | |
| | | Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end. | | |
| 26 05 26 00-0079 | EA | 100 Amperes, Copper Flexible Braid Jumper Strap, 12" Length | 128.82 | 27.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 05 26 00-0080 | EA | 225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length | 222.89 | 33.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 05 26 00-0081 | EA | 225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length | 285.71 | 33.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 05 26 00-0082 | EA | 225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length | 347.67 | 33.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 05 26 00-0083 | EA | 400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length | 300.21 | 35.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.75* | |
| 26 05 26 00-0084 | EA | 400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length | 390.58 | 35.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.75* | |
| 26 05 26 00-0085 | EA | 400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length | 469.10 | 35.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.75* | |
| 26 05 26 00-0086 | EA | 600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length | 391.12 | 45.37 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.22* | |
| 26 05 26 00-0087 | EA | 800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length | 470.33 | 54.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| **26 05 26 00-0088** | | **Bonding Jumper For Metallic Conduit** *(26 05 26 00-0001)* | | |
| 26 05 26 00-0089 | EA | 1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit | 170.93 | 60.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *34.37* | |
| 26 05 26 00-0090 | EA | 1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit | 210.57 | 60.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *42.30* | |
| 26 05 26 00-0091 | EA | 2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit | 309.52 | 93.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *50.00* | |
| 26 05 26 00-0092 | EA | 5" To 6" Conductor, Bonding Jumper, Metallic Conduit | 458.62 | 93.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *61.11* | |
| **26 05 26 00-0093** | | **Ground Rods** *(26 05 26)* | | |
| **26 05 26 00-0094** | | **Copper-Clad Ground Rods** *(26 05 26 00-0093)* | | |
| 26 05 26 00-0095 | EA | 1/2" Diameter x 8' Long Copper-Clad Ground Rods | 89.54 | 82.49 |
| 26 05 26 00-0096 | EA | 5/8" Diameter x 8' Long Copper-Clad Ground Rods | 92.76 | 82.49 |
| 26 05 26 00-0097 | EA | 3/4" Diameter x 8' Long Copper-Clad Ground Rods | 105.77 | 82.49 |
| 26 05 26 00-0098 | EA | 1/2" Diameter x 10' Long Copper-Clad Ground Rods | 105.06 | 82.49 |
| 26 05 26 00-0099 | EA | 5/8" Diameter x 10' Long Copper-Clad Ground Rods | 109.09 | 82.49 |
| 26 05 26 00-0100 | EA | 3/4" Diameter x 10' Long Copper-Clad Ground Rods | 125.35 | 82.49 |
| **26 05 26 00-0101** | | **Copper Grounding Shaft** *(26 05 26 00-0093)* | | |
| 26 05 26 00-0102 | EA | 2-1/8" Diameter x 10' Long Copper Grounding Shaft | 276.84 | 82.49 |
| 26 05 26 00-0103 | EA | 2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft | 342.29 | 82.49 |
| 26 05 26 00-0104 | EA | 2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft | 520.14 | 82.49 |
| **26 05 26 00-0105** | | **Ground Access Wells** *(26 05 26 00-0093)* | | |
| **26 05 26 00-0106** | | **Precast Ground Access Wells** *(26 05 26 00-0105)* | | |
| 26 05 26 00-0107 | EA | 8" Diameter x 24" Deep Precast Ground Access Well<br>Note: With cast iron grate. | 237.63 | |
| 26 05 26 00-0108 | EA | 10" Diameter x 24" Deep Precast Ground Access Well<br>Note: With cast iron grate. | 245.54 | |
| 26 05 26 00-0109 | EA | 12" Diameter x 24" Deep Precast Ground Access Well<br>Note: With cast iron grate. | 739.64 | |
| 26 05 26 00-0110 | EA | 18" Diameter x 24" Deep Precast Ground Access Well<br>Note: With cast iron grate. | 747.55 | |
| **26 05 26 00-0111** | | **Polyvinyl Chloride (PVC) Ground Access Well** *(26 05 26 00-0105)* | | |
| 26 05 26 00-0112 | EA | 10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well<br>Note: Schedule 40 with cast iron grated cover. | 437.24 | |
| 26 05 26 00-0113 | EA | 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well<br>Note: Schedule 40 with cast iron grated cover. | 514.77 | |
| 26 05 26 00-0114 | EA | 18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well<br>Note: Schedule 40 with cast iron grated cover. | 961.60 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 26 00-0115 | EA | 10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well<br>Note: Schedule 40 with flat steel cover. | 417.64 | |
| 26 05 26 00-0116 | EA | 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well<br>Note: Schedule 40 with flat steel cover. | 490.72 | |
| 26 05 26 00-0117 | EA | 18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well<br>Note: Schedule 40 with flat steel cover. | 921.90 | |
| 26 05 26 00-0118 | EA | 8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well<br>Note: Schedule 40 with flat steel cover. | 231.56 | |
| 26 05 26 00-0119 | EA | 10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well<br>Note: Schedule 40 with flat steel cover. | 247.63 | |
| 26 05 26 00-0120 | EA | 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well<br>Note: Schedule 40 with flat steel cover. | 261.75 | |
| 26 05 26 00-0121 | EA | 8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover | 176.72 | |
| 26 05 26 00-0122 | EA | 10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover | 263.44 | |
| 26 05 26 00-0123 | EA | 8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well<br>Note: Schedule 40 with flat steel cover. | 468.69 | |
| 26 05 26 00-0124 | EA | 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well<br>Note: Schedule 40 with flat steel cover. | 624.59 | |
| 26 05 26 00-0125 | EA | 8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well<br>Note: Schedule 40 with plastic cover. | 375.82 | |
| 26 05 26 00-0126 | EA | 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well<br>Note: Schedule 40 with plastic cover. | 548.69 | |
| 26 05 26 00-0127 | EA | 10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well<br>Note: With cast iron grate, heavy duty. | 582.47 | |
| 26 05 26 00-0128 | EA | 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well<br>Note: With cast iron grate, heavy duty. | 709.53 | |
| 26 05 26 00-0129 | EA | 12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well<br>Note: With cast iron grate, heavy duty. | 311.03 | |
| 26 05 26 00-0130 | EA | 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well<br>Note: With cast iron grate, heavy duty. | 547.93 | |
| 26 05 26 00-0131 | EA | 12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well<br>Note: With cast iron grate, heavy duty. | 590.13 | |
| **26 05 26 00-0132** | | **Polymer Concrete Ground Access Well** *(26 05 26 00-0105)* | | |
| 26 05 26 00-0133 | EA | 12" x 12" x 12" Polymer Concrete Ground Access Well | 464.66 | |
| 26 05 26 00-0134 | EA | 12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well | 510.62 | |
| 26 05 26 00-0135 | EA | 12" x 12" x 18" Polymer Concrete Ground Access Well | 512.59 | |
| 26 05 26 00-0136 | EA | 12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well | 563.19 | |
| 26 05 26 00-0137 | EA | 12" x 12" x 24" Polymer Concrete Ground Access Well | 562.39 | |
| 26 05 26 00-0138 | EA | 12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well | 618.08 | |
| 26 05 26 00-0139 | EA | 13" x 24" x 18" Polymer Concrete Ground Access Well | 753.64 | |
| 26 05 26 00-0140 | EA | 13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well | 829.69 | |
| **26 05 26 00-0141** | | **High Density Polyethylene (HDPE) Ground Access Well** *(26 05 26 00-0105)* | | |
| 26 05 26 00-0142 | EA | 9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well<br>Note: With cover. | 164.48 | |
| 26 05 26 00-0143 | EA | 14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well<br>Note: With cover. | 230.54 | |
| **26 05 26 00-0144** | | **Clay Tile Ground Access Wells** *(26 05 26 00-0105)* | | |
| 26 05 26 00-0145 | EA | 8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover | 260.87 | |
| 26 05 26 00-0146 | EA | 8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover | 275.04 | |
| 26 05 26 00-0147 | EA | Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well | 85.36 | |
| **26 05 26 00-0148** | | **Ground Rod Clamps And Fittings** *(26 05 26)* | | |
| **26 05 26 00-0149** | | **Bronze Ground Rod Clamp** *(26 05 26 00-0148)* | | |
| 26 05 26 00-0150 | EA | 1/2" Bronze Ground Rod Clamp | 21.06 | 12.43 |
| 26 05 26 00-0151 | EA | 5/8" Bronze Ground Rod Clamp | 21.88 | 12.43 |
| 26 05 26 00-0152 | EA | 3/4" Bronze Ground Rod Clamp | 23.03 | 12.43 |
| **26 05 26 00-0153** | | **Bronze Pipe Clamps** *(26 05 26 00-0148)* | | |
| 26 05 26 00-0154 | EA | 1/2" To 1" Bronze Pipe Ground Clamps | 30.27 | 20.68 |
| 26 05 26 00-0155 | EA | 1-1/4" To 2" Bronze Ground Clamps For Pipe | 39.13 | 24.75 |
| 26 05 26 00-0156 | EA | 2-1/2" To 3" Bronze Ground Clamps For Pipe | 61.56 | 28.93 |
| 26 05 26 00-0157 | EA | 2-1/2" To 4" Bronze Ground Clamps For Pipe | 74.54 | 37.18 |
| 26 05 26 00-0158 | EA | 4" To 6" Bronze Ground Clamps For Pipe | 115.44 | 53.68 |
| **26 05 26 00-0159** | | **Grounding Fittings** *(26 05 26 00-0148)* | | |
| **26 05 26 00-0160** | | **Embedded Fittings** *(26 05 26 00-0159)* | | |
| 26 05 26 00-0161 | EA | Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded | 141.60 | |
| 26 05 26 00-0162 | EA | Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded | 148.97 | |
| 26 05 26 00-0163 | EA | Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded | 162.03 | |
| 26 05 26 00-0164 | EA | #8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice | 143.89 | |
| 26 05 26 00-0165 | EA | 1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice | 172.45 | |
| 26 05 26 00-0166 | EA | 4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice | 202.09 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 26 00-0167 | EA | 350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice | 227.29 | |
| **26 05 26 00-0168** | | **Ground Rod Receptacle** *(26 05 26 00-0159)* | | |
| 26 05 26 00-0169 | EA | 1/2" Ground Rod Receptacle | 303.91 | 114.39 |
| 26 05 26 00-0170 | EA | 5/8" Ground Rod Receptacle | 316.79 | 117.62 |
| 26 05 26 00-0171 | EA | 3/4" Ground Rod Receptacle | 330.00 | 120.81 |
| **26 05 26 00-0172** | | **Ground Kits For Circuit Breaker Panels** *(26 05 26 00-0159)* | | |
| 26 05 26 00-0173 | EA | 14-8 AWG Copper Ground Kit | 68.86 | 27.50 |
| 26 05 26 00-0174 | EA | 12-8 AWG Aluminum Ground Kit | 70.53 | 27.50 |
| 26 05 26 00-0175 | EA | 14-4 AWG Copper Ground Kit | 75.05 | 27.50 |
| 26 05 26 00-0176 | EA | 12-4 AWG Aluminum Ground Kit | 81.41 | 27.50 |
| **26 05 26 00-0177** | | **Insulated Grounding Bars** *(26 05 26 00-0148)* | | |
| 26 05 26 00-0178 | EA | 1/2" x 4" x 10" Insulated Ground Bar | 273.92 | 27.61 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *49.49* | |
| 26 05 26 00-0179 | EA | Insulated Ground Bar SK 9560 1/2" x 4" x 20" | 285.88 | 27.61 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *49.49* | |
| **26 05 26 00-0180** | | **Ground Conductor Bonding** *(26 05 26)* | | |
| **26 05 26 00-0181** | | **Ground Conductor Bonding** *(26 05 26 00-0180)* | | |
| **26 05 26 00-0182** | | **Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld** *(26 05 26 00-0181)* | | |
| 26 05 26 00-0183 | EA | Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel<br>Note: Includes molds, materials and all necessary tools to make connections. | 127.30 | |
| 26 05 26 00-0184 | EA | #4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel<br>Note: Includes molds, materials and all necessary tools to make connections. | 138.30 | |
| 26 05 26 00-0185 | EA | 1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel<br>Note: Includes molds, materials and all necessary tools to make connections. | 149.30 | |
| 26 05 26 00-0186 | EA | 250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel<br>Note: Includes molds, materials and all necessary tools to make connections. | 215.29 | |
| **26 05 26 00-0187** | | **Tee, Wye Or Cross Cadweld** *(26 05 26 00-0181)* | | |
| 26 05 26 00-0188 | EA | Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross<br>Note: Includes molds, materials and all necessary tools to make connections. | 143.80 | |
| 26 05 26 00-0189 | EA | #4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross<br>Note: Includes molds, materials and all necessary tools to make connections. | 165.79 | |
| 26 05 26 00-0190 | EA | 1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross<br>Note: Includes molds, materials and all necessary tools to make connections. | 204.30 | |
| 26 05 26 00-0191 | EA | 250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross<br>Note: Includes molds, materials and all necessary tools to make connections. | 248.29 | |
| **26 05 26 00-0192** | | **Grounding Equipment** *(26 05 26)* | | |
| **26 05 26 00-0193** | | **Special Grounding Equipment** *(26 05 26 00-0192)* | | |
| **26 05 26 00-0194** | | **Ground Reels And Ground Bus** *(26 05 26 00-0193)* | | |
| 26 05 26 00-0195 | EA | Ground Reel With 50' Of Galvanized Steel Cable | 591.92 | |
| **26 05 26 00-0196** | | **Copper Bars** *(26 05 26 00-0193)* | | |
| 26 05 26 00-0197 | LF | 1/4" x 2" Copper Bar | 35.02 | |
| **26 05 26 00-0198** | | **Phenolic Insulators** *(26 05 26 00-0193)* | | |
| 26 05 26 00-0199 | EA | 2" x 2" x 1" Long Phenolic Insulators | 27.54 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| **26 05 26 00-0200** | | **Grounding Studs** *(26 05 26 00-0193)* | | |
| 26 05 26 00-0201 | EA | Ball Grounding Stud | 40.09 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.85* | |
| **26 05 26 00-0202** | | **Equipment Ground Bar Kits** *(26 05 26 00-0193)* | | |
| 26 05 26 00-0203 | EA | Switch Rating 30 Ground Bar Kit | 30.31 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 26 00-0204 | EA | Switch Rating 60 Ground Bar Kit | 37.90 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 05 26 00-0205 | EA | Switch Rating 100 Ground Bar Kit | 44.02 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 26 00-0206 | EA | Switch Rating 200 Ground Bar Kit | 73.21 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| **26 05 26 00-0207** | | **Panelboard Ground Bar Kits** *(26 05 26 00-0193)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 26 00-0208 | EA | Panelboard Ground Bar Kit | 101.77 | 8.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |

### 26 05 26 00-0209 Circuit Breaker Ground Bar Kits *(26 05 26 00-0193)*

| | | | | |
|---|---|---|---|---|
| 26 05 26 00-0210 | EA | 3 Circuit, Ground Bar Kit | 24.82 | 4.95 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 26 00-0211 | EA | 4 Circuit, Ground Bar Kit | 24.44 | 4.95 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 26 00-0212 | EA | 7 Circuit, Ground Bar Kit | 25.08 | 4.95 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 26 00-0213 | EA | 12 Circuit, Ground Bar Kit | 28.43 | 5.61 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.61* | |
| 26 05 26 00-0214 | EA | 20 Circuit, Ground Bar Kit | 32.30 | 6.27 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.27* | |
| 26 05 26 00-0215 | EA | 24 Circuit, Ground Bar Kit | 35.65 | 6.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.93* | |
| 26 05 26 00-0216 | EA | 30 Circuit, Ground Bar Kit | 39.96 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.92* | |
| 26 05 26 00-0217 | EA | 54 Circuit, Ground Bar Kit | 46.30 | 9.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.24* | |
| 26 05 26 00-0218 | EA | 24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug | 48.58 | 6.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.93* | |
| 26 05 26 00-0219 | EA | 30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug | 53.92 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.92* | |
| 26 05 26 00-0220 | EA | 54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug | 60.38 | 9.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.24* | |

## 26 05 29 Hangers and Supports for Electrical Systems *(26 05)*

### 26 05 29 00-0001 Metal Framing Channel And Fittings *(26 05 29)*

### 26 05 29 00-0002 Metal Framing Channel *(26 05 29 00-0001)*

Note: Excludes fasteners and accessories.

### 26 05 29 00-0003 14 Gauge Metal Framing Channels *(26 05 29 00-0002)*

### 26 05 29 00-0004 14 Gauge, Steel Unistrut Channel *(26 05 29 00-0003)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0005 | EA | Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel | 20.03 | 6.03 |
| 26 05 29 00-0006 | EA | >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel | 22.97 | 6.03 |
| 26 05 29 00-0007 | LF | >2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel | 10.49 | 2.27 |

### 26 05 29 00-0008 14 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0009 | EA | Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel | 33.67 | 6.03 |
| 26 05 29 00-0010 | EA | Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel | 37.27 | 6.03 |
| 26 05 29 00-0011 | EA | >1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel | 50.25 | 6.03 |
| 26 05 29 00-0012 | EA | >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel | 57.44 | 6.03 |
| 26 05 29 00-0013 | LF | >2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel | 24.13 | 2.27 |
| 26 05 29 00-0014 | LF | >2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel | 27.73 | 2.27 |

### 26 05 29 00-0015 14 Gauge, 316 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0016 | EA | Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel | 49.20 | 6.03 |
| 26 05 29 00-0017 | EA | >1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel | 81.32 | 6.03 |
| 26 05 29 00-0018 | LF | >2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel | 39.66 | 2.27 |

### 26 05 29 00-0019 12 Gauge Metal Framing Channels *(26 05 29 00-0002)*

### 26 05 29 00-0020 12 Gauge, Steel Unistrut Channel *(26 05 29 00-0019)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0021 | EA | Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel | 21.49 | 6.03 |
| 26 05 29 00-0022 | EA | Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel | 20.99 | 6.03 |
| 26 05 29 00-0023 | EA | Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel | 20.67 | 6.03 |
| 26 05 29 00-0024 | EA | >1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel | 25.88 | 6.03 |
| 26 05 29 00-0025 | EA | >1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel | 24.90 | 6.03 |
| 26 05 29 00-0026 | EA | >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel | 24.26 | 6.03 |
| 26 05 29 00-0027 | LF | >2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel | 11.95 | 2.27 |
| 26 05 29 00-0028 | LF | >2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel | 11.45 | 2.27 |
| 26 05 29 00-0029 | LF | >2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel | 11.13 | 2.27 |

### 26 05 29 00-0030 12 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0019)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0031 | EA | Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel | 38.46 | 6.03 |
| 26 05 29 00-0032 | EA | Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel | 44.66 | 6.03 |
| 26 05 29 00-0033 | EA | >1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel | 59.83 | 6.03 |
| 26 05 29 00-0034 | EA | >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel | 72.24 | 6.03 |
| 26 05 29 00-0035 | LF | >2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel | 28.92 | 2.27 |
| 26 05 29 00-0036 | LF | >2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel | 35.12 | 2.27 |

### 26 05 29 00-0037 Metal Framing Channel Fittings *(26 05 29 00-0001)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0038 | | Unistrut Channel Closure Strips And Caps *(26 05 29 00-0037)* | | |
| 26 05 29 00-0039 | | Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0038)* | | |
| 26 05 29 00-0040 | LF | Steel Raceway Closure Strip, Unistrut Channel Fittings | 6.07 | 0.55 |
| 26 05 29 00-0041 | EA | Steel End Cap, Unistrut Channel Fittings | 12.98 | 5.51 |
| 26 05 29 00-0042 | | Stainless Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0038)* | | |
| 26 05 29 00-0043 | EA | Stainless Steel End Cap For Unistrut Channel | 20.31 | 5.51 |
| 26 05 29 00-0044 | | Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0037)* | | |
| 26 05 29 00-0045 | | Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0044)* | | |
| 26 05 29 00-0046 | EA | 2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting | 6.04 | |
| 26 05 29 00-0047 | EA | 3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting | 6.00 | |
| 26 05 29 00-0048 | EA | 4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting | 7.28 | |
| 26 05 29 00-0049 | | Stainless Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0044)* | | |
| 26 05 29 00-0050 | EA | 2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting | 17.28 | |
| 26 05 29 00-0051 | EA | 3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting | 25.72 | |
| 26 05 29 00-0052 | EA | 4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting | 32.86 | |
| 26 05 29 00-0053 | | 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0037)* | | |
| 26 05 29 00-0054 | | Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0053)* | | |
| 26 05 29 00-0055 | EA | 2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting | 5.84 | |
| 26 05 29 00-0056 | EA | 2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting | 4.90 | |
| 26 05 29 00-0057 | EA | 3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting | 8.41 | |
| 26 05 29 00-0058 | EA | 3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting | 8.30 | |
| 26 05 29 00-0059 | | Stainless Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0053)* | | |
| 26 05 29 00-0060 | EA | 2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting | 9.88 | |
| 26 05 29 00-0061 | EA | 2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting | 12.36 | |
| 26 05 29 00-0062 | EA | 2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting | 10.48 | |
| 26 05 29 00-0063 | EA | 2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting | 14.89 | |
| 26 05 29 00-0064 | EA | 3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting | 13.61 | |
| 26 05 29 00-0065 | EA | 3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting | 25.13 | |
| 26 05 29 00-0066 | EA | 3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting | 14.31 | |
| 26 05 29 00-0067 | EA | 3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting | 20.76 | |
| 26 05 29 00-0068 | | 60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0037)* | | |
| 26 05 29 00-0069 | | Steel 60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0068)* | | |
| 26 05 29 00-0070 | EA | 2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting | 12.00 | |
| 26 05 29 00-0071 | | U-Connector, Unistrut Channel Fittings *(26 05 29 00-0037)* | | |
| 26 05 29 00-0072 | | Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0071)* | | |
| 26 05 29 00-0073 | EA | 3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting | 4.29 | |
| 26 05 29 00-0074 | EA | 5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting | 4.78 | |
| 26 05 29 00-0075 | | Stainless Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0071)* | | |
| 26 05 29 00-0076 | EA | 5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting | 20.61 | |
| 26 05 29 00-0077 | | Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0037)* | | |
| 26 05 29 00-0078 | | Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)* | | |
| 26 05 29 00-0079 | EA | 3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting | 12.31 | |
| 26 05 29 00-0080 | | Stainless Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)* | | |
| 26 05 29 00-0081 | EA | 3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting | 40.12 | |
| 26 05 29 00-0082 | | Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0037)*<br>Note: Includes hex screw and nut. | | |
| 26 05 29 00-0083 | | Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)*<br>Note: Includes hex screw and nut. | | |
| 26 05 29 00-0084 | EA | 1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 4.68 | 1.66 |
| 26 05 29 00-0085 | EA | 3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 4.70 | 1.66 |
| 26 05 29 00-0086 | EA | 1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 4.81 | 1.66 |
| 26 05 29 00-0087 | EA | 1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 6.07 | 2.20 |
| 26 05 29 00-0088 | EA | 1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 6.63 | 2.20 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0089 | EA | 2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 6.69 | 2.20 |
| 26 05 29 00-0090 | EA | 2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 8.19 | 2.75 |
| 26 05 29 00-0091 | EA | 3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 8.69 | 2.75 |
| 26 05 29 00-0092 | EA | 3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 9.17 | 2.75 |
| 26 05 29 00-0093 | EA | 4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 9.34 | 2.75 |
| 26 05 29 00-0094 | | 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* | | |
| | | Note: Includes hex screw and nut. | | |
| 26 05 29 00-0095 | EA | 1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 7.83 | 1.66 |
| 26 05 29 00-0096 | EA | 3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 8.77 | 1.66 |
| 26 05 29 00-0097 | EA | 1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 9.71 | 1.66 |
| 26 05 29 00-0098 | EA | 1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 12.06 | 2.20 |
| 26 05 29 00-0099 | EA | 1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 14.67 | 2.20 |
| 26 05 29 00-0100 | EA | 2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 15.36 | 2.20 |
| 26 05 29 00-0101 | EA | 2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 18.42 | 2.75 |
| 26 05 29 00-0102 | EA | 3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 20.75 | 2.75 |
| 26 05 29 00-0103 | EA | 3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 21.75 | 2.75 |
| 26 05 29 00-0104 | EA | 4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 25.44 | 2.75 |
| 26 05 29 00-0105 | | 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* | | |
| | | Note: Includes hex screw and nut. | | |
| 26 05 29 00-0106 | EA | 1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 8.40 | 1.66 |
| 26 05 29 00-0107 | EA | 3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 9.73 | 1.66 |
| 26 05 29 00-0108 | EA | 1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 10.11 | 1.66 |
| 26 05 29 00-0109 | EA | 1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 12.24 | 2.20 |
| 26 05 29 00-0110 | EA | 1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 16.82 | 2.20 |
| 26 05 29 00-0111 | EA | 2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 17.05 | 2.20 |
| 26 05 29 00-0112 | EA | 2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 20.19 | 2.75 |
| 26 05 29 00-0113 | EA | 3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 21.37 | 2.75 |
| 26 05 29 00-0114 | EA | 3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 29.80 | 2.75 |
| 26 05 29 00-0115 | EA | 4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel | 34.95 | 2.75 |
| 26 05 29 00-0116 | | Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0037)* | | |
| 26 05 29 00-0117 | | Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)* | | |
| 26 05 29 00-0118 | EA | Set Screw Beam Clamp, Steel Unistrut Channel Fitting | 34.59 | 10.05 |
| 26 05 29 00-0119 | EA | "C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings | 23.43 | 10.05 |
| 26 05 29 00-0120 | EA | "U" Bolt Beam Clamp, Steel Unistrut Channel Fitting | 33.46 | 10.05 |
| 26 05 29 00-0121 | | 304 Stainless Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)* | | |
| 26 05 29 00-0122 | EA | "U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting | 47.97 | 10.05 |
| 26 05 29 00-0123 | | Square Washers For Unistrut Channel *(26 05 29 00-0037)* | | |
| 26 05 29 00-0124 | | Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)* | | |
| 26 05 29 00-0125 | EA | 1/2" Bolt Size, Steel, Square Washer For Unistrut Channel | 4.27 | |
| 26 05 29 00-0126 | | Stainless Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)* | | |
| 26 05 29 00-0127 | EA | 1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel | 4.89 | |
| 26 05 29 00-0128 | EA | 1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel | 6.18 | |
| 26 05 29 00-0129 | | Strut Braces, Unistrut Channel Fittings *(26 05 29 00-0037)* | | |
| 26 05 29 00-0130 | EA | 16" Diagonal Steel Bar Brace For Unistrut Channel | 33.68 | |
| 26 05 29 00-0131 | | Trolley Hangers, Unistrut Channel Fittings *(26 05 29 00-0037)* | | |
| 26 05 29 00-0132 | EA | Steel Trolley Track Hanger For Unistrut Channel | 41.85 | |
| 26 05 29 00-0133 | | Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0037)* | | |
| | | Note: Includes hex bolt. | | |
| 26 05 29 00-0134 | | Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)* | | |
| | | Note: Includes hex bolt. | | |
| 26 05 29 00-0135 | EA | 1/4-20, Steel Lock Nut With Spring For Unistrut Channel | 7.43 | |
| 26 05 29 00-0136 | EA | 3/8-16, Steel Lock Nut With Spring For Unistrut Channel | 8.11 | |
| 26 05 29 00-0137 | EA | 1/2-13, Steel Lock Nut With Spring For Unistrut Channel | 8.62 | |
| 26 05 29 00-0138 | EA | 5/8-11, Steel Lock Nut With Spring For Unistrut Channel | 11.38 | |
| 26 05 29 00-0139 | | Stainless Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)* | | |
| | | Note: Includes hex bolt. | | |
| 26 05 29 00-0140 | EA | 1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel | 13.81 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0141 | EA | 3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel | 14.68 | |
| 26 05 29 00-0142 | EA | 1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel | 20.71 | |
| 26 05 29 00-0143 | EA | 5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel | 35.29 | |
| 26 05 29 00-0144 | | Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0037)* | | |
| | | Note: Includes hex bolt. | | |
| 26 05 29 00-0145 | | Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)* | | |
| | | Note: Includes hex bolt. | | |
| 26 05 29 00-0146 | EA | 1/4-20, Steel Lock Nut Without Spring For Unistrut Channel | 7.45 | |
| 26 05 29 00-0147 | EA | 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel | 8.21 | |
| 26 05 29 00-0148 | EA | 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel | 8.66 | |
| 26 05 29 00-0149 | EA | 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel | 12.18 | |
| 26 05 29 00-0150 | | Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)* | | |
| | | Note: Includes hex bolt. | | |
| 26 05 29 00-0151 | EA | 1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel | 9.95 | |
| 26 05 29 00-0152 | EA | 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel | 11.95 | |
| 26 05 29 00-0153 | EA | 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel | 13.01 | |
| 26 05 29 00-0154 | EA | 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel | 34.39 | |
| 26 05 29 00-0155 | | Mounting Assemblies *(26 05 29)* | | |
| 26 05 29 00-0156 | | Galvanized Steel Mounting Assemblies *(26 05 29 00-0155)* | | |
| 26 05 29 00-0157 | | Galvanized Steel Back Plate *(26 05 29 00-0156)* | | |
| 26 05 29 00-0158 | EA | 1/4" x 4' x 4', Galvanized Steel Back Plate, Painted | 418.51 | 66.00 |
| 26 05 29 00-0159 | EA | 3/8" x 14" x 16", Galvanized Steel Back Plate, Painted | 104.69 | 21.99 |
| 26 05 29 00-0160 | EA | 3/16" x 30" x 48", Galvanized Steel Back Plate, Painted | 264.88 | 54.99 |
| 26 05 29 00-0161 | | Aluminum Mounting Assemblies *(26 05 29 00-0155)* | | |
| 26 05 29 00-0162 | | Aluminum Back Plate *(26 05 29 00-0161)* | | |
| 26 05 29 00-0163 | EA | 3/16" x 2' x 2' Aluminum Back Plate | 320.30 | 82.49 |
| 26 05 29 00-0164 | EA | 3/16" x 4' x 4' Aluminum Back Plate | 850.38 | 82.49 |
| 26 05 29 00-0165 | | Supports *(26 05 29)* | | |
| 26 05 29 00-0166 | | One Hole Steel Conduit Straps *(26 05 29 00-0165)* | | |
| 26 05 29 00-0167 | EA | 1/2", One Hole Steel Conduit Strap | 3.99 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.74* | |
| | | *For >500, Deduct* | *-1.10* | |
| 26 05 29 00-0168 | EA | 3/4", One Hole Steel Conduit Strap | 4.03 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.74* | |
| | | *For >500, Deduct* | *-1.11* | |
| 26 05 29 00-0169 | EA | 1", One Hole Steel Conduit Strap | 4.25 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 250, Deduct* | *-0.39* | |
| | | *For >250 To 500, Deduct* | *-0.76* | |
| | | *For >500, Deduct* | *-1.13* | |
| 26 05 29 00-0170 | EA | 1-1/4", One Hole Steel Conduit Strap | 4.41 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.77* | |
| | | *For >500, Deduct* | *-1.15* | |
| 26 05 29 00-0171 | EA | 1-1/2", One Hole Steel Conduit Strap | 4.52 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.78* | |
| | | *For >500, Deduct* | *-1.16* | |
| 26 05 29 00-0172 | EA | 2", One Hole Steel Conduit Strap | 5.20 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.83* | |
| | | *For >500, Deduct* | *-1.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0173 | EA | 2-1/2", One Hole Steel Conduit Strap | 5.88 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100 To 250, Deduct* | *-0.47* | |
| | | *For >250 To 500, Deduct* | *-0.88* | |
| | | *For >500, Deduct* | *-1.29* | |
| 26 05 29 00-0174 | EA | 3", One Hole Steel Conduit Strap | 6.11 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100 To 250, Deduct* | *-0.48* | |
| | | *For >250 To 500, Deduct* | *-0.90* | |
| | | *For >500, Deduct* | *-1.32* | |
| 26 05 29 00-0175 | EA | 3-1/2", One Hole Steel Conduit Strap | 7.24 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.27* | |
| | | *For >100 To 250, Deduct* | *-0.54* | |
| | | *For >250 To 500, Deduct* | *-0.98* | |
| | | *For >500, Deduct* | *-1.43* | |
| 26 05 29 00-0176 | EA | 4", One Hole Steel Conduit Strap | 8.14 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.29* | |
| | | *For >100 To 250, Deduct* | *-0.58* | |
| | | *For >250 To 500, Deduct* | *-1.05* | |
| | | *For >500, Deduct* | *-1.52* | |

## 26 05 29 00-0177 One Hole Iron Conduit Straps *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0178 | EA | 1/2", One Hole Iron Conduit Strap | 4.09 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.75* | |
| | | *For >500, Deduct* | *-1.11* | |
| 26 05 29 00-0179 | EA | 3/4", One Hole Iron Conduit Strap | 4.20 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 250, Deduct* | *-0.39* | |
| | | *For >250 To 500, Deduct* | *-0.76* | |
| | | *For >500, Deduct* | *-1.12* | |
| 26 05 29 00-0180 | EA | 1", One Hole Iron Conduit Strap | 4.40 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.77* | |
| | | *For >500, Deduct* | *-1.14* | |
| 26 05 29 00-0181 | EA | 1-1/4", One Hole Iron Conduit Strap | 4.86 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.42* | |
| | | *For >250 To 500, Deduct* | *-0.80* | |
| | | *For >500, Deduct* | *-1.19* | |
| 26 05 29 00-0182 | EA | 1-1/2", One Hole Iron Conduit Strap | 5.05 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.43* | |
| | | *For >250 To 500, Deduct* | *-0.82* | |
| | | *For >500, Deduct* | *-1.21* | |
| 26 05 29 00-0183 | EA | 2", One Hole Iron Conduit Strap | 6.24 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-0.91* | |
| | | *For >500, Deduct* | *-1.33* | |
| 26 05 29 00-0184 | EA | 2-1/2", One Hole Iron Conduit Strap | 8.79 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.31* | |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.10* | |
| | | *For >500, Deduct* | *-1.58* | |
| 26 05 29 00-0185 | EA | 3", One Hole Iron Conduit Strap | 10.92 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.36* | |
| | | *For >100 To 250, Deduct* | *-0.72* | |
| | | *For >250 To 500, Deduct* | *-1.26* | |
| | | *For >500, Deduct* | *-1.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0186 | EA | 3-1/2", One Hole Iron Conduit Strap | 14.03 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.44* | |
| | | *For >100 To 250, Deduct* | *-0.88* | |
| | | *For >250 To 500, Deduct* | *-1.49* | |
| | | *For >500, Deduct* | *-2.11* | |
| 26 05 29 00-0187 | EA | 4", One Hole Iron Conduit Strap | 26.48 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.75* | |
| | | *For >100 To 250, Deduct* | *-1.50* | |
| | | *For >250 To 500, Deduct* | *-2.43* | |
| | | *For >500, Deduct* | *-3.35* | |
| 26 05 29 00-0188 | EA | 5", One Hole Iron Conduit Strap | 33.18 | |
| | | *For Work In Restricted Working Space, Add* | *1.06* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.92* | |
| | | *For >100 To 250, Deduct* | *-1.84* | |
| | | *For >250 To 500, Deduct* | *-2.93* | |
| | | *For >500, Deduct* | *-4.02* | |

## 26 05 29 00-0189 Two Hole Steel Conduit Straps *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0190 | EA | 1/2", Two Hole Steel Conduit Strap | 4.63 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.43* | |
| | | *For >250 To 500, Deduct* | *-0.84* | |
| | | *For >500, Deduct* | *-1.26* | |
| 26 05 29 00-0191 | EA | 3/4", Two Hole Steel Conduit Strap | 4.70 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.43* | |
| | | *For >250 To 500, Deduct* | *-0.85* | |
| | | *For >500, Deduct* | *-1.26* | |
| 26 05 29 00-0192 | EA | 1", Two Hole Steel Conduit Strap | 4.74 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.85* | |
| | | *For >500, Deduct* | *-1.27* | |
| 26 05 29 00-0193 | EA | 1-1/4", Two Hole Steel Conduit Strap | 4.79 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.85* | |
| | | *For >500, Deduct* | *-1.27* | |
| 26 05 29 00-0194 | EA | 1-1/2", Two Hole Steel Conduit Strap | 4.83 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.86* | |
| | | *For >500, Deduct* | *-1.28* | |
| 26 05 29 00-0195 | EA | 2", Two Hole Steel Conduit Strap | 4.92 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.44* | |
| | | *For >250 To 500, Deduct* | *-0.86* | |
| | | *For >500, Deduct* | *-1.28* | |
| 26 05 29 00-0196 | EA | 2-1/2", Two Hole Steel Conduit Strap | 5.43 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.23* | |
| | | *For >100 To 250, Deduct* | *-0.47* | |
| | | *For >250 To 500, Deduct* | *-0.90* | |
| | | *For >500, Deduct* | *-1.34* | |
| 26 05 29 00-0197 | EA | 3", Two Hole Steel Conduit Strap | 5.54 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100 To 250, Deduct* | *-0.48* | |
| | | *For >250 To 500, Deduct* | *-0.91* | |
| | | *For >500, Deduct* | *-1.35* | |
| 26 05 29 00-0198 | EA | 3-1/2", Two Hole Steel Conduit Strap | 5.95 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100 To 250, Deduct* | *-0.50* | |
| | | *For >250 To 500, Deduct* | *-0.94* | |
| | | *For >500, Deduct* | *-1.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0199 | EA | 4", Two Hole Steel Conduit Strap | 6.22 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100 To 250, Deduct* | *-0.51* | |
| | | *For >250 To 500, Deduct* | *-0.96* | |
| | | *For >500, Deduct* | *-1.41* | |
| 26 05 29 00-0200 | EA | 5", Two Hole Steel Conduit Strap | 6.59 | |
| | | *For Work In Restricted Working Space, Add* | *1.19* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.19* | |
| | | *For >50 To 100, Deduct* | *-0.26* | |
| | | *For >100 To 250, Deduct* | *-0.53* | |
| | | *For >250 To 500, Deduct* | *-0.99* | |
| | | *For >500, Deduct* | *-1.45* | |

## 26 05 29 00-0201 Clamp Back Spacers *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0202 | EA | 1/2" Conduit, Clamp Back Spacer | 3.67 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.16* | |
| | | *For >100 To 250, Deduct* | *-0.32* | |
| | | *For >250 To 500, Deduct* | *-0.62* | |
| | | *For >500, Deduct* | *-0.92* | |
| 26 05 29 00-0203 | EA | 3/4" Conduit, Clamp Back Spacer | 3.97 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.17* | |
| | | *For >100 To 250, Deduct* | *-0.34* | |
| | | *For >250 To 500, Deduct* | *-0.64* | |
| | | *For >500, Deduct* | *-0.95* | |
| 26 05 29 00-0204 | EA | 1" Conduit, Clamp Back Spacer | 4.24 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.17* | |
| | | *For >100 To 250, Deduct* | *-0.35* | |
| | | *For >250 To 500, Deduct* | *-0.66* | |
| | | *For >500, Deduct* | *-0.97* | |
| 26 05 29 00-0205 | EA | 1-1/4" Conduit, Clamp Back Spacer | 5.33 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.74* | |
| | | *For >500, Deduct* | *-1.08* | |
| 26 05 29 00-0206 | EA | 1-1/2" Conduit, Clamp Back Spacer | 6.20 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.22* | |
| | | *For >100 To 250, Deduct* | *-0.45* | |
| | | *For >250 To 500, Deduct* | *-0.81* | |
| | | *For >500, Deduct* | *-1.17* | |
| 26 05 29 00-0207 | EA | 2" Conduit, Clamp Back Spacer | 7.12 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-0.88* | |
| | | *For >500, Deduct* | *-1.26* | |
| 26 05 29 00-0208 | EA | 2-1/2" Conduit, Clamp Back Spacer | 10.85 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.34* | |
| | | *For >100 To 250, Deduct* | *-0.68* | |
| | | *For >250 To 500, Deduct* | *-1.16* | |
| | | *For >500, Deduct* | *-1.64* | |
| 26 05 29 00-0209 | EA | 3" Conduit, Clamp Back Spacer | 15.30 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.45* | |
| | | *For >100 To 250, Deduct* | *-0.90* | |
| | | *For >250 To 500, Deduct* | *-1.49* | |
| | | *For >500, Deduct* | *-2.08* | |
| 26 05 29 00-0210 | EA | 3-1/2" Conduit, Clamp Back Spacer | 19.62 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-0.56* | |
| | | *For >100 To 250, Deduct* | *-1.12* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.51* | |
| 26 05 29 00-0211 | EA | 4" Conduit, Clamp Back Spacer | 39.92 | |
| | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | *For >50 To 100, Deduct* | *-1.07* | |
| | | *For >100 To 250, Deduct* | *-2.13* | |
| | | *For >250 To 500, Deduct* | *-3.34* | |
| | | *For >500, Deduct* | *-4.54* | |

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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 29 00-0212 | | EA | 5" Conduit, Clamp Back Spacer | 74.20 | |
| | | | *For Work In Restricted Working Space, Add* | *0.83* | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.79* | |
| | | | *For >50 To 100, Deduct* | *-1.92* | |
| | | | *For >100 To 250, Deduct* | *-3.85* | |
| | | | *For >250 To 500, Deduct* | *-5.91* | |
| | | | *For >500, Deduct* | *-7.97* | |

## 26 05 29 00-0213 Conduit Clips *(26 05 29 00-0165)*

Note: Push in or clip.

| | | | | | |
|---|---|---|---|---|---|
| 26 05 29 00-0214 | | EA | 1/2" Conduit Clip | 4.53 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | | *For >50 To 100, Deduct* | *-0.20* | |
| | | | *For >100 To 250, Deduct* | *-0.40* | |
| | | | *For >250 To 500, Deduct* | *-0.78* | |
| | | | *For >500, Deduct* | *-1.16* | |
| 26 05 29 00-0215 | | EA | 3/4" Conduit Clip | 4.53 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | | *For >50 To 100, Deduct* | *-0.20* | |
| | | | *For >100 To 250, Deduct* | *-0.40* | |
| | | | *For >250 To 500, Deduct* | *-0.78* | |
| | | | *For >500, Deduct* | *-1.16* | |
| 26 05 29 00-0216 | | EA | 1" Conduit Clip | 4.46 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | | *For >50 To 100, Deduct* | *-0.20* | |
| | | | *For >100 To 250, Deduct* | *-0.40* | |
| | | | *For >250 To 500, Deduct* | *-0.77* | |
| | | | *For >500, Deduct* | *-1.15* | |
| 26 05 29 00-0217 | | EA | 1-1/4" Conduit Clip | 4.65 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.98* | |
| | | | *For >50 To 100, Deduct* | *-0.20* | |
| | | | *For >100 To 250, Deduct* | *-0.41* | |
| | | | *For >250 To 500, Deduct* | *-0.79* | |
| | | | *For >500, Deduct* | *-1.17* | |

## 26 05 29 00-0218 Bolt And Nut Conduit Clips *(26 05 29 00-0165)*

| | | | | | |
|---|---|---|---|---|---|
| 26 05 29 00-0219 | | EA | 3/4" Bolt And Nut Conduit Clip (Minerallac 1B) | 5.63 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.20* | |
| | | | *For >50 To 100, Deduct* | *-0.25* | |
| | | | *For >100 To 250, Deduct* | *-0.50* | |
| | | | *For >250 To 500, Deduct* | *-0.97* | |
| | | | *For >500, Deduct* | *-1.44* | |
| 26 05 29 00-0220 | | EA | 1" Bolt And Nut Conduit Clip (Minerallac 2B) | 5.83 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.20* | |
| | | | *For >50 To 100, Deduct* | *-0.26* | |
| | | | *For >100 To 250, Deduct* | *-0.51* | |
| | | | *For >250 To 500, Deduct* | *-0.99* | |
| | | | *For >500, Deduct* | *-1.46* | |
| 26 05 29 00-0221 | | EA | 1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B) | 6.21 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.27* | |
| | | | *For >50 To 100, Deduct* | *-0.27* | |
| | | | *For >100 To 250, Deduct* | *-0.54* | |
| | | | *For >250 To 500, Deduct* | *-1.05* | |
| | | | *For >500, Deduct* | *-1.56* | |
| 26 05 29 00-0222 | | EA | 1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B) | 6.32 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.27* | |
| | | | *For >50 To 100, Deduct* | *-0.27* | |
| | | | *For >100 To 250, Deduct* | *-0.55* | |
| | | | *For >250 To 500, Deduct* | *-1.06* | |
| | | | *For >500, Deduct* | *-1.57* | |
| 26 05 29 00-0223 | | EA | 2" Bolt And Nut Conduit Clip (Minerallac 5B) | 7.07 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.27* | |
| | | | *For >50 To 100, Deduct* | *-0.29* | |
| | | | *For >100 To 250, Deduct* | *-0.59* | |
| | | | *For >250 To 500, Deduct* | *-1.11* | |
| | | | *For >500, Deduct* | *-1.64* | |
| 26 05 29 00-0224 | | EA | 2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B) | 7.67 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.34* | |
| | | | *For >50 To 100, Deduct* | *-0.32* | |
| | | | *For >100 To 250, Deduct* | *-0.63* | |
| | | | *For >250 To 500, Deduct* | *-1.19* | |
| | | | *For >500, Deduct* | *-1.76* | |
| 26 05 29 00-0225 | | EA | 3" Bolt And Nut Conduit Clip (Minerallac 7B) | 8.33 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.34* | |
| | | | *For >50 To 100, Deduct* | *-0.33* | |
| | | | *For >100 To 250, Deduct* | *-0.66* | |
| | | | *For >250 To 500, Deduct* | *-1.24* | |
| | | | *For >500, Deduct* | *-1.82* | |
| 26 05 29 00-0226 | | EA | 4" Bolt And Nut Conduit Clip (Minerallac 9B) | 15.15 | |
| | | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | | *For >50 To 100, Deduct* | *-0.52* | |
| | | | *For >100 To 250, Deduct* | *-1.03* | |
| | | | *For >250 To 500, Deduct* | *-1.82* | |
| | | | *For >500, Deduct* | *-2.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 29 00-0227** | | **Conduit Hanger From Flange, Wire Or Rod** *(26 05 29 00-0165)* | | |
| | | Note: Bat wing. | | |
| 26 05 29 00-0228 | EA | 1/2", Conduit Hanger From Flange, Wire Or Rod | 3.27 | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.76* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.58* | |
| | | *For >500, Deduct* | *-0.86* | |
| 26 05 29 00-0229 | EA | 3/4", Conduit Hanger From Flange, Wire Or Rod | 3.33 | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.76* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.58* | |
| | | *For >500, Deduct* | *-0.86* | |
| 26 05 29 00-0230 | EA | 1", Conduit Hanger From Flange, Wire Or Rod | 3.48 | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.76* | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.31* | |
| | | *For >250 To 500, Deduct* | *-0.59* | |
| | | *For >500, Deduct* | *-0.88* | |
| 26 05 29 00-0231 | EA | 1-1/4", Conduit Hanger From Flange, Wire Or Rod | 3.85 | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *0.76* | |
| | | *For >50 To 100, Deduct* | *-0.16* | |
| | | *For >100 To 250, Deduct* | *-0.32* | |
| | | *For >250 To 500, Deduct* | *-0.62* | |
| | | *For >500, Deduct* | *-0.91* | |
| **26 05 29 00-0232** | | **Beam Flange Clamps** *(26 05 29 00-0165)* | | |
| | | Note: For threaded rod, nut not required. | | |
| 26 05 29 00-0233 | EA | 1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24) | 4.85 | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.71* | |
| | | *For >500, Deduct* | *-1.04* | |
| 26 05 29 00-0234 | EA | 5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58) | 4.76 | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 250, Deduct* | *-0.38* | |
| | | *For >250 To 500, Deduct* | *-0.70* | |
| | | *For >500, Deduct* | *-1.03* | |
| 26 05 29 00-0235 | EA | 9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912) | 5.34 | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.74* | |
| | | *For >500, Deduct* | *-1.08* | |
| **26 05 29 00-0236** | | **T-Bar Support Clips** *(26 05 29 00-0165)* | | |
| 26 05 29 00-0237 | EA | 9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95) | 8.05 | |
| | | *For >50 To 100, Deduct* | *-0.34* | |
| | | *For >100 To 250, Deduct* | *-0.68* | |
| | | *For >250 To 500, Deduct* | *-1.29* | |
| | | *For >500, Deduct* | *-1.91* | |
| 26 05 29 00-0238 | EA | 15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS) | 7.60 | |
| | | *For >50 To 100, Deduct* | *-0.33* | |
| | | *For >100 To 250, Deduct* | *-0.66* | |
| | | *For >250 To 500, Deduct* | *-1.26* | |
| | | *For >500, Deduct* | *-1.86* | |
| 26 05 29 00-0239 | EA | 15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16) | 2.93 | |
| | | *For >50 To 100, Deduct* | *-0.11* | |
| | | *For >100 To 250, Deduct* | *-0.22* | |
| | | *For >250 To 500, Deduct* | *-0.39* | |
| | | *For >500, Deduct* | *-0.57* | |
| 26 05 29 00-0240 | EA | 24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512) | 24.69 | |
| | | *For >50 To 100, Deduct* | *-0.67* | |
| | | *For >100 To 250, Deduct* | *-1.34* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.91* | |
| **26 05 29 00-0241** | | **Switch And Outlet Box Type Supports** *(26 05 29 00-0165)* | | |
| 26 05 29 00-0242 | EA | 1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS) | 6.04 | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.73* | |
| | | *For >500, Deduct* | *-1.04* | |
| 26 05 29 00-0243 | EA | 1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500) | 5.10 | |
| | | *For >50 To 100, Deduct* | *-0.18* | |
| | | *For >100 To 250, Deduct* | *-0.37* | |
| | | *For >250 To 500, Deduct* | *-0.66* | |
| | | *For >500, Deduct* | *-0.95* | |
| 26 05 29 00-0244 | EA | Flush, Riveted Switch And Outlet Box Support (Caddy MFO) | 5.91 | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.72* | |
| | | *For >500, Deduct* | *-1.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0245 | EA | Snap On, Switch And Outlet Box Support (Caddy MSF) | 3.74 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-0.81* | |
| 26 05 29 00-0246 | EA | 1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI) | 3.92 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.31* | |
| | | *For >250 To 500, Deduct* | *-0.57* | |
| | | *For >500, Deduct* | *-0.83* | |

## 26 05 29 00-0247 Lighting Fixture Hanger *(26 05 29 00-0165)*

Note: For existing or owner furnished fixtures.

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0248 | EA | Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515) | 5.32 | |
| | | *For >50 To 100, Deduct* | *-0.24* | |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-0.95* | |
| | | *For >500, Deduct* | *-1.41* | |
| 26 05 29 00-0249 | PR | Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517) | 19.36 | |
| | | *For >50 To 100, Deduct* | *-0.59* | |
| | | *For >100 To 250, Deduct* | *-1.19* | |
| | | *For >250 To 500, Deduct* | *-2.00* | |
| | | *For >500, Deduct* | *-2.82* | |
| 26 05 29 00-0250 | PR | Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520) | 26.74 | |
| | | *For >50 To 100, Deduct* | *-0.78* | |
| | | *For >100 To 250, Deduct* | *-1.56* | |
| | | *For >250 To 500, Deduct* | *-2.56* | |
| | | *For >500, Deduct* | *-3.55* | |

## 26 05 29 00-0251 Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0252 | EA | 1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 4.68 | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.76* | |
| | | *For >500, Deduct* | *-1.13* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 29 00-0253 | EA | 3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 4.70 | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.40* | |
| | | *For >250 To 500, Deduct* | *-0.77* | |
| | | *For >500, Deduct* | *-1.13* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 29 00-0254 | EA | 1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 4.81 | |
| | | *For >50 To 100, Deduct* | *-0.20* | |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.77* | |
| | | *For >500, Deduct* | *-1.14* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 29 00-0255 | EA | 1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 6.06 | |
| | | *For >50 To 100, Deduct* | *-0.26* | |
| | | *For >100 To 250, Deduct* | *-0.52* | |
| | | *For >250 To 500, Deduct* | *-1.00* | |
| | | *For >500, Deduct* | *-1.49* | |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |
| 26 05 29 00-0256 | EA | 1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 6.62 | |
| | | *For >50 To 100, Deduct* | *-0.28* | |
| | | *For >100 To 250, Deduct* | *-0.55* | |
| | | *For >250 To 500, Deduct* | *-1.05* | |
| | | *For >500, Deduct* | *-1.54* | |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |
| 26 05 29 00-0257 | EA | 2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 6.68 | |
| | | *For >50 To 100, Deduct* | *-0.28* | |
| | | *For >100 To 250, Deduct* | *-0.55* | |
| | | *For >250 To 500, Deduct* | *-1.05* | |
| | | *For >500, Deduct* | *-1.55* | |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |
| 26 05 29 00-0258 | EA | 2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 8.18 | |
| | | *For >50 To 100, Deduct* | *-0.34* | |
| | | *For >100 To 250, Deduct* | *-0.68* | |
| | | *For >250 To 500, Deduct* | *-1.30* | |
| | | *For >500, Deduct* | *-1.92* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 26 05 29 00-0259 | EA | 3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 8.68 | |
| | | *For >50 To 100, Deduct* | *-0.35* | |
| | | *For >100 To 250, Deduct* | *-0.71* | |
| | | *For >250 To 500, Deduct* | *-1.34* | |
| | | *For >500, Deduct* | *-1.97* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 26 05 29 00-0260 | EA | 3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 9.16 | |
| | | *For >50 To 100, Deduct* | *-0.37* | |
| | | *For >100 To 250, Deduct* | *-0.73* | |
| | | *For >250 To 500, Deduct* | *-1.37* | |
| | | *For >500, Deduct* | *-2.02* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0261 | EA | 4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel | 9.33 | |
| | | *For >50 To 100, Deduct* | *-0.37* | |
| | | *For >100 To 250, Deduct* | *-0.74* | |
| | | *For >250 To 500, Deduct* | *-1.39* | |
| | | *For >500, Deduct* | *-2.03* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |

## 26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0263 | EA | 1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel | 5.05 | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.42* | |
| | | *For >250 To 500, Deduct* | *-0.79* | |
| | | *For >500, Deduct* | *-1.17* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 29 00-0264 | EA | 3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel | 5.00 | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.42* | |
| | | *For >250 To 500, Deduct* | *-0.79* | |
| | | *For >500, Deduct* | *-1.16* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 29 00-0265 | EA | 1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel | 4.95 | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 250, Deduct* | *-0.41* | |
| | | *For >250 To 500, Deduct* | *-0.78* | |
| | | *For >500, Deduct* | *-1.16* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 29 00-0266 | EA | 1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel | 6.51 | |
| | | *For >50 To 100, Deduct* | *-0.27* | |
| | | *For >100 To 250, Deduct* | *-0.55* | |
| | | *For >250 To 500, Deduct* | *-1.04* | |
| | | *For >500, Deduct* | *-1.53* | |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |
| 26 05 29 00-0267 | EA | 1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel | 7.49 | |
| | | *For >50 To 100, Deduct* | *-0.30* | |
| | | *For >100 To 250, Deduct* | *-0.59* | |
| | | *For >250 To 500, Deduct* | *-1.11* | |
| | | *For >500, Deduct* | *-1.63* | |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |
| 26 05 29 00-0268 | EA | 2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel | 7.54 | |
| | | *For >50 To 100, Deduct* | *-0.30* | |
| | | *For >100 To 250, Deduct* | *-0.60* | |
| | | *For >250 To 500, Deduct* | *-1.12* | |
| | | *For >500, Deduct* | *-1.63* | |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |

## 26 05 29 00-0269 "J" Type Conduit Hangers *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0270 | EA | 1/2", "J" Type Conduit Hanger (Unistrut J1205) | 23.18 | |
| | | *For >50 To 100, Deduct* | *-0.77* | |
| | | *For >100 To 250, Deduct* | *-1.54* | |
| | | *For >250 To 500, Deduct* | *-2.70* | |
| | | *For >500, Deduct* | *-3.86* | |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| 26 05 29 00-0271 | EA | 3/4", "J" Type Conduit Hanger (Unistrut J1207) | 23.45 | |
| | | *For >50 To 100, Deduct* | *-0.78* | |
| | | *For >100 To 250, Deduct* | *-1.56* | |
| | | *For >250 To 500, Deduct* | *-2.72* | |
| | | *For >500, Deduct* | *-3.89* | |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| 26 05 29 00-0272 | EA | 1", "J" Type Conduit Hanger (Unistrut J1210) | 24.80 | |
| | | *For >50 To 100, Deduct* | *-0.84* | |
| | | *For >100 To 250, Deduct* | *-1.68* | |
| | | *For >250 To 500, Deduct* | *-2.96* | |
| | | *For >500, Deduct* | *-4.24* | |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| 26 05 29 00-0273 | EA | 1-1/4", "J" Type Conduit Hanger (Unistrut J1212) | 25.09 | |
| | | *For >50 To 100, Deduct* | *-0.85* | |
| | | *For >100 To 250, Deduct* | *-1.69* | |
| | | *For >250 To 500, Deduct* | *-2.98* | |
| | | *For >500, Deduct* | *-4.27* | |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| 26 05 29 00-0274 | EA | 1-1/2", "J" Type Conduit Hanger (Unistrut J1215) | 26.39 | |
| | | *For >50 To 100, Deduct* | *-0.91* | |
| | | *For >100 To 250, Deduct* | *-1.81* | |
| | | *For >250 To 500, Deduct* | *-3.22* | |
| | | *For >500, Deduct* | *-4.62* | |
| | | *For Work In Restricted Working Space, Add* | *2.97* | |
| 26 05 29 00-0275 | EA | 2", "J" Type Conduit Hanger (Unistrut J1220) | 27.49 | |
| | | *For >50 To 100, Deduct* | *-0.93* | |
| | | *For >100 To 250, Deduct* | *-1.87* | |
| | | *For >250 To 500, Deduct* | *-3.30* | |
| | | *For >500, Deduct* | *-4.73* | |
| | | *For Work In Restricted Working Space, Add* | *2.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0276 | EA | 2-1/2", "J" Type Conduit Hanger (Unistrut J1225) | 44.30 | |
| | | *For >50 To 100, Deduct* | *-1.38* | |
| | | *For >100 To 250, Deduct* | *-2.77* | |
| | | *For >250 To 500, Deduct* | *-4.70* | |
| | | *For >500, Deduct* | *-6.63* | |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| 26 05 29 00-0277 | EA | 3", "J" Type Conduit Hanger (Unistrut J1230) | 47.06 | |
| | | *For >50 To 100, Deduct* | *-1.48* | |
| | | *For >100 To 250, Deduct* | *-2.96* | |
| | | *For >250 To 500, Deduct* | *-5.04* | |
| | | *For >500, Deduct* | *-7.13* | |
| | | *For Work In Restricted Working Space, Add* | *3.63* | |
| 26 05 29 00-0278 | EA | 3-1/2", "J" Type Conduit Hanger (Unistrut J1235) | 50.65 | |
| | | *For >50 To 100, Deduct* | *-1.60* | |
| | | *For >100 To 250, Deduct* | *-3.19* | |
| | | *For >250 To 500, Deduct* | *-5.45* | |
| | | *For >500, Deduct* | *-7.71* | |
| | | *For Work In Restricted Working Space, Add* | *3.96* | |
| 26 05 29 00-0279 | EA | 4", "J" Type Conduit Hanger (Unistrut J1240) | 67.70 | |
| | | *For >50 To 100, Deduct* | *-2.02* | |
| | | *For >100 To 250, Deduct* | *-4.05* | |
| | | *For >250 To 500, Deduct* | *-6.73* | |
| | | *For >500, Deduct* | *-9.41* | |
| | | *For Work In Restricted Working Space, Add* | *3.96* | |
| 26 05 29 00-0280 | EA | 5", "J" Type Conduit Hanger (Unistrut J1250) | 74.39 | |
| | | *For >50 To 100, Deduct* | *-2.22* | |
| | | *For >100 To 250, Deduct* | *-4.43* | |
| | | *For >250 To 500, Deduct* | *-7.37* | |
| | | *For >500, Deduct* | *-10.30* | |
| | | *For Work In Restricted Working Space, Add* | *4.29* | |
| 26 05 29 00-0281 | EA | 6", "J" Type Conduit Hanger (Unistrut J1260) | 105.17 | |
| | | *For >50 To 100, Deduct* | *-3.04* | |
| | | *For >100 To 250, Deduct* | *-6.08* | |
| | | *For >250 To 500, Deduct* | *-9.95* | |
| | | *For >500, Deduct* | *-13.82* | |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |

## 26 05 29 00-0282 Between Studs Box Brackets *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0283 | EA | 16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A) | 8.32 | |
| | | *For >50 To 100, Deduct* | *-0.29* | |
| | | *For >100 To 250, Deduct* | *-0.58* | |
| | | *For >250 To 500, Deduct* | *-1.04* | |
| | | *For >500, Deduct* | *-1.49* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 29 00-0284 | EA | 24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A) | 10.06 | |
| | | *For >50 To 100, Deduct* | *-0.33* | |
| | | *For >100 To 250, Deduct* | *-0.67* | |
| | | *For >250 To 500, Deduct* | *-1.17* | |
| | | *For >500, Deduct* | *-1.67* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |

## 26 05 29 00-0285 Hangers And Brackets *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0286 | EA | Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI) | 2.86 | |
| | | *For >50 To 100, Deduct* | *-0.13* | |
| | | *For >100 To 250, Deduct* | *-0.25* | |
| | | *For >250 To 500, Deduct* | *-0.49* | |
| | | *For >500, Deduct* | *-0.73* | |
| 26 05 29 00-0287 | EA | Angle Bracket Only With 1/4" Hole (Caddy AB) | 2.76 | |
| | | *For >50 To 100, Deduct* | *-0.12* | |
| | | *For >100 To 250, Deduct* | *-0.25* | |
| | | *For >250 To 500, Deduct* | *-0.48* | |
| | | *For >500, Deduct* | *-0.72* | |
| 26 05 29 00-0288 | EA | Offset Bracket Only With 1/4" Hole (Caddy AO) | 2.76 | |
| | | *For >50 To 100, Deduct* | *-0.12* | |
| | | *For >100 To 250, Deduct* | *-0.25* | |
| | | *For >250 To 500, Deduct* | *-0.48* | |
| | | *For >500, Deduct* | *-0.72* | |
| 26 05 29 00-0289 | EA | Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB) | 3.80 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-0.82* | |
| 26 05 29 00-0290 | EA | Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB) | 3.82 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-0.82* | |
| 26 05 29 00-0291 | EA | Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB) | 3.71 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.55* | |
| | | *For >500, Deduct* | *-0.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0292 | EA | Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO) | 3.80 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-0.82* | |
| 26 05 29 00-0293 | EA | Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO) | 3.82 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.30* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-0.82* | |

## 26 05 29 00-0294 Clips And Accessories *(26 05 29 00-0165)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0295 | EA | 1/2" Diameter Center, Bridle Ring (Caddy 2BR) | 1.95 | |
| | | *For >50 To 100, Deduct* | *-0.08* | |
| | | *For >100 To 250, Deduct* | *-0.17* | |
| | | *For >250 To 500, Deduct* | *-0.32* | |
| | | *For >500, Deduct* | *-0.47* | |
| 26 05 29 00-0296 | EA | 3/4" Diameter Center, Bridle Ring (Caddy 2BR12) | 1.99 | |
| | | *For >50 To 100, Deduct* | *-0.08* | |
| | | *For >100 To 250, Deduct* | *-0.17* | |
| | | *For >250 To 500, Deduct* | *-0.32* | |
| | | *For >500, Deduct* | *-0.47* | |
| 26 05 29 00-0297 | EA | 1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20) | 2.14 | |
| | | *For >50 To 100, Deduct* | *-0.09* | |
| | | *For >100 To 250, Deduct* | *-0.18* | |
| | | *For >250 To 500, Deduct* | *-0.33* | |
| | | *For >500, Deduct* | *-0.49* | |
| 26 05 29 00-0298 | EA | 2" Diameter Center, Bridle Ring (Caddy 2BR32) | 2.47 | |
| | | *For >50 To 100, Deduct* | *-0.10* | |
| | | *For >100 To 250, Deduct* | *-0.19* | |
| | | *For >250 To 500, Deduct* | *-0.36* | |
| | | *For >500, Deduct* | *-0.52* | |

## 26 05 29 00-0299 Wire Ties *(26 05 29 00-0165)*

Note: Per hundred (C).

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0300 | C | 3" Length, 18 LB Tensile Strength, Nylon Cable Ties | 27.94 | |
| | | *For Up To 0.1, Add* | *22.96* | |
| | | *For >0.1 To 0.25, Add* | *11.48* | |
| | | *For >0.25 To 0.75, Add* | *5.74* | |
| | | *For >2.0, Deduct* | *-2.30* | |
| | | *For UV Black, Add* | *0.75* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.89* | |
| 26 05 29 00-0301 | C | 4" Length, 18 LB Tensile Strength, Nylon Cable Ties | 28.13 | |
| | | *For Up To 0.1, Add* | *22.96* | |
| | | *For >0.1 To 0.25, Add* | *11.48* | |
| | | *For >0.25 To 0.75, Add* | *5.74* | |
| | | *For >2.0, Deduct* | *-2.30* | |
| | | *For UV Black, Add* | *0.78* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.89* | |
| 26 05 29 00-0302 | C | 4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties | 28.27 | |
| | | *For Up To 0.1, Add* | *22.96* | |
| | | *For >0.1 To 0.25, Add* | *11.48* | |
| | | *For >0.25 To 0.75, Add* | *5.74* | |
| | | *For >2.0, Deduct* | *-2.30* | |
| | | *For UV Black, Add* | *0.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.89* | |
| 26 05 29 00-0303 | C | 5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties | 28.33 | |
| | | *For Up To 0.1, Add* | *22.96* | |
| | | *For >0.1 To 0.25, Add* | *11.48* | |
| | | *For >0.25 To 0.75, Add* | *5.74* | |
| | | *For >2.0, Deduct* | *-2.30* | |
| | | *For UV Black, Add* | *0.81* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.89* | |
| 26 05 29 00-0304 | C | 6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties | 29.37 | |
| | | *For Up To 0.1, Add* | *23.95* | |
| | | *For >0.1 To 0.25, Add* | *11.98* | |
| | | *For >0.25 To 0.75, Add* | *5.99* | |
| | | *For >2.0, Deduct* | *-2.40* | |
| | | *For UV Black, Add* | *0.81* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.19* | |
| 26 05 29 00-0305 | C | 8" Length, 18 LB Tensile Strength, Nylon Cable Ties | 34.68 | |
| | | *For Up To 0.1, Add* | *25.05* | |
| | | *For >0.1 To 0.25, Add* | *12.53* | |
| | | *For >0.25 To 0.75, Add* | *6.26* | |
| | | *For >2.0, Deduct* | *-2.51* | |
| | | *For UV Black, Add* | *1.44* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.52* | |
| 26 05 29 00-0306 | C | 4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties | 33.29 | |
| | | *For Up To 0.1, Add* | *22.96* | |
| | | *For >0.1 To 0.25, Add* | *11.48* | |
| | | *For >0.25 To 0.75, Add* | *5.74* | |
| | | *For >2.0, Deduct* | *-2.30* | |
| | | *For UV Black, Add* | *1.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.89* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0307 | C | 6" Length, 40 LB Tensile Strength, Nylon Cable Ties | 34.36 | |
| | | *For Up To 0.1, Add* | *23.95* | |
| | | *For >0.1 To 0.25, Add* | *11.98* | |
| | | *For >0.25 To 0.75, Add* | *5.99* | |
| | | *For >2.0, Deduct* | *-2.40* | |
| | | *For UV Black, Add* | *1.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.19* | |
| 26 05 29 00-0308 | C | 8" Length, 40 LB Tensile Strength, Nylon Cable Ties | 35.51 | |
| | | *For Up To 0.1, Add* | *25.05* | |
| | | *For >0.1 To 0.25, Add* | *12.53* | |
| | | *For >0.25 To 0.75, Add* | *6.26* | |
| | | *For >2.0, Deduct* | *-2.51* | |
| | | *For UV Black, Add* | *1.57* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.52* | |
| 26 05 29 00-0309 | C | 10" Length, 40 LB Tensile Strength, Nylon Cable Ties | 51.13 | |
| | | *For Up To 0.1, Add* | *27.00* | |
| | | *For >0.1 To 0.25, Add* | *13.50* | |
| | | *For >0.25 To 0.75, Add* | *6.75* | |
| | | *For >2.0, Deduct* | *-2.70* | |
| | | *For UV Black, Add* | *3.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.10* | |
| 26 05 29 00-0310 | C | 11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties | 53.31 | |
| | | *For Up To 0.1, Add* | *27.00* | |
| | | *For >0.1 To 0.25, Add* | *13.50* | |
| | | *For >0.25 To 0.75, Add* | *6.75* | |
| | | *For >2.0, Deduct* | *-2.70* | |
| | | *For UV Black, Add* | *3.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.10* | |
| 26 05 29 00-0311 | C | 7" Length, 50 LB Tensile Strength, Nylon Cable Ties | 37.04 | |
| | | *For Up To 0.1, Add* | *25.05* | |
| | | *For >0.1 To 0.25, Add* | *12.53* | |
| | | *For >0.25 To 0.75, Add* | *6.26* | |
| | | *For >2.0, Deduct* | *-2.51* | |
| | | *For UV Black, Add* | *1.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.52* | |
| 26 05 29 00-0312 | C | 8" Length, 50 LB Tensile Strength, Nylon Cable Ties | 35.11 | |
| | | *For Up To 0.1, Add* | *25.05* | |
| | | *For >0.1 To 0.25, Add* | *12.53* | |
| | | *For >0.25 To 0.75, Add* | *6.26* | |
| | | *For >2.0, Deduct* | *-2.51* | |
| | | *For UV Black, Add* | *1.51* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.52* | |
| 26 05 29 00-0313 | C | 11" Length, 50 LB Tensile Strength, Nylon Cable Ties | 51.73 | |
| | | *For Up To 0.1, Add* | *27.00* | |
| | | *For >0.1 To 0.25, Add* | *13.50* | |
| | | *For >0.25 To 0.75, Add* | *6.75* | |
| | | *For >2.0, Deduct* | *-2.70* | |
| | | *For UV Black, Add* | *3.71* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.10* | |
| 26 05 29 00-0314 | C | 14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties | 59.10 | |
| | | *For Up To 0.1, Add* | *28.69* | |
| | | *For >0.1 To 0.25, Add* | *14.35* | |
| | | *For >0.25 To 0.75, Add* | *7.17* | |
| | | *For >2.0, Deduct* | *-2.87* | |
| | | *For UV Black, Add* | *4.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.61* | |
| 26 05 29 00-0315 | C | 8" Length, 120 LB Tensile Strength, Nylon Cable Ties | 57.68 | |
| | | *For Up To 0.1, Add* | *25.05* | |
| | | *For >0.1 To 0.25, Add* | *12.53* | |
| | | *For >0.25 To 0.75, Add* | *6.26* | |
| | | *For >2.0, Deduct* | *-2.51* | |
| | | *For UV Black, Add* | *4.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.52* | |
| 26 05 29 00-0316 | C | 11" Length, 120 LB Tensile Strength, Nylon Cable Ties | 63.12 | |
| | | *For Up To 0.1, Add* | *27.00* | |
| | | *For >0.1 To 0.25, Add* | *13.50* | |
| | | *For >0.25 To 0.75, Add* | *6.75* | |
| | | *For >2.0, Deduct* | *-2.70* | |
| | | *For UV Black, Add* | *5.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.10* | |
| 26 05 29 00-0317 | C | 15" Length, 120 LB Tensile Strength, Nylon Cable Ties | 76.20 | |
| | | *For Up To 0.1, Add* | *28.69* | |
| | | *For >0.1 To 0.25, Add* | *14.35* | |
| | | *For >0.25 To 0.75, Add* | *7.17* | |
| | | *For >2.0, Deduct* | *-2.87* | |
| | | *For UV Black, Add* | *7.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.61* | |
| 26 05 29 00-0318 | C | 17" Length, 120 LB Tensile Strength, Nylon Cable Ties | 108.45 | |
| | | *For Up To 0.1, Add* | *30.61* | |
| | | *For >0.1 To 0.25, Add* | *15.31* | |
| | | *For >0.25 To 0.75, Add* | *7.65* | |
| | | *For >2.0, Deduct* | *-3.06* | |
| | | *For UV Black, Add* | *11.68* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.18* | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 29 00-0319 | C | | 17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties | 105.13 | |
| | | | *For Up To 0.1, Add* | *30.61* | |
| | | | *For >0.1 To 0.25, Add* | *15.31* | |
| | | | *For >0.25 To 0.75, Add* | *7.65* | |
| | | | *For >2.0, Deduct* | *-3.06* | |
| | | | *For UV Black, Add* | *11.18* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.18* | |
| 26 05 29 00-0320 | C | | 21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties | 127.79 | |
| | | | *For Up To 0.1, Add* | *32.04* | |
| | | | *For >0.1 To 0.25, Add* | *16.02* | |
| | | | *For >0.25 To 0.75, Add* | *8.01* | |
| | | | *For >2.0, Deduct* | *-3.20* | |
| | | | *For UV Black, Add* | *14.36* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.61* | |
| 26 05 29 00-0321 | C | | 30" Length, 175 LB Tensile Strength, Nylon Cable Ties | 147.72 | |
| | | | *For Up To 0.1, Add* | *33.59* | |
| | | | *For >0.1 To 0.25, Add* | *16.80* | |
| | | | *For >0.25 To 0.75, Add* | *8.40* | |
| | | | *For >2.0, Deduct* | *-3.36* | |
| | | | *For UV Black, Add* | *17.12* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.08* | |
| 26 05 29 00-0322 | C | | 46" Length, 175 LB Tensile Strength, Nylon Cable Ties | 202.07 | |
| | | | *For Up To 0.1, Add* | *36.24* | |
| | | | *For >0.1 To 0.25, Add* | *18.12* | |
| | | | *For >0.25 To 0.75, Add* | *9.06* | |
| | | | *For >2.0, Deduct* | *-3.62* | |
| | | | *For UV Black, Add* | *24.87* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.87* | |
| 26 05 29 00-0323 | C | | 3/4" x 3/4" Self Adhesive Tie Mounts | 36.87 | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.33* | |
| 26 05 29 00-0324 | C | | 1.1" x 1.1" Tie Mounts With Screw | 73.12 | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.66* | |
| 26 05 29 00-0325 | EA | | 6" Length x 1/2" Width, Velcro Grip Cable Tie | 2.11 | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *0.17* | |
| 26 05 29 00-0326 | EA | | 8" Length x 1/2" Width, Velcro Grip Cable Tie | 2.12 | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *0.14* | |
| 26 05 29 00-0327 | EA | | 12" Length x 1/2" Width, Velcro Grip Cable Tie | 2.60 | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *0.14* | |
| 26 05 29 00-0328 | EA | | 15" Length x 3/4" Width, Velcro Grip Cable Tie | 3.65 | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *0.14* | |
| 26 05 29 00-0329 | EA | | 180" Length x 3/4" Width, Velcro Grip Cable Tie Roll<br>Note: Cut to length. | 93.30 | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.03* | |

## 26 05 29 00-0330 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.

## 26 05 29 00-0331 Toggle Bolts *(26 05 29 00-0330)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

| | | | | | |
|---|---|---|---|---|---|
| 26 05 29 00-0332 | EA | | 1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt | 8.46 | |
| | | | *For >50 To 100, Deduct* | *-0.81* | |
| | | | *For >100 To 250, Deduct* | *-1.63* | |
| | | | *For >250 To 500, Deduct* | *-2.85* | |
| | | | *For >500, Deduct* | *-4.06* | |
| 26 05 29 00-0333 | EA | | 1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt | 8.68 | |
| | | | *For >50 To 100, Deduct* | *-0.84* | |
| | | | *For >100 To 250, Deduct* | *-1.67* | |
| | | | *For >250 To 500, Deduct* | *-2.92* | |
| | | | *For >500, Deduct* | *-4.16* | |
| 26 05 29 00-0334 | EA | | 3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt | 9.11 | |
| | | | *For >50 To 100, Deduct* | *-0.86* | |
| | | | *For >100 To 250, Deduct* | *-1.72* | |
| | | | *For >250 To 500, Deduct* | *-3.00* | |
| | | | *For >500, Deduct* | *-4.29* | |
| 26 05 29 00-0335 | EA | | 3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt | 9.33 | |
| | | | *For >50 To 100, Deduct* | *-0.88* | |
| | | | *For >100 To 250, Deduct* | *-1.76* | |
| | | | *For >250 To 500, Deduct* | *-3.08* | |
| | | | *For >500, Deduct* | *-4.39* | |
| 26 05 29 00-0336 | EA | | 1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt | 9.55 | |
| | | | *For >50 To 100, Deduct* | *-0.90* | |
| | | | *For >100 To 250, Deduct* | *-1.80* | |
| | | | *For >250 To 500, Deduct* | *-3.15* | |
| | | | *For >500, Deduct* | *-4.49* | |
| 26 05 29 00-0337 | EA | | 5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt | 10.64 | |
| | | | *For >50 To 100, Deduct* | *-0.94* | |
| | | | *For >100 To 250, Deduct* | *-1.89* | |
| | | | *For >250 To 500, Deduct* | *-3.29* | |
| | | | *For >500, Deduct* | *-4.68* | |
| 26 05 29 00-0338 | EA | | 3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt | 11.05 | |
| | | | *For >50 To 100, Deduct* | *-0.97* | |
| | | | *For >100 To 250, Deduct* | *-1.94* | |
| | | | *For >250 To 500, Deduct* | *-3.37* | |
| | | | *For >500, Deduct* | *-4.81* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 29 00-0339** | | **Machine Screws** *(26 05 29 00-0330)* Note: Includes drilling in concrete, concrete block, wood or steel. | | |
| 26 05 29 00-0340 | EA | #8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw | 2.51 | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-0.86* | |
| | | *For >500, Deduct* | *-1.23* | |
| 26 05 29 00-0341 | EA | #10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw | 2.54 | |
| | | *For >50 To 100, Deduct* | *-0.25* | |
| | | *For >100 To 250, Deduct* | *-0.49* | |
| | | *For >250 To 500, Deduct* | *-0.86* | |
| | | *For >500, Deduct* | *-1.23* | |
| 26 05 29 00-0342 | EA | 1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw | 3.19 | |
| | | *For >50 To 100, Deduct* | *-0.31* | |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.08* | |
| | | *For >500, Deduct* | *-1.54* | |
| 26 05 29 00-0343 | EA | 5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw | 3.31 | |
| | | *For >50 To 100, Deduct* | *-0.31* | |
| | | *For >100 To 250, Deduct* | *-0.62* | |
| | | *For >250 To 500, Deduct* | *-1.09* | |
| | | *For >500, Deduct* | *-1.56* | |
| 26 05 29 00-0344 | EA | 3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw | 4.06 | |
| | | *For >50 To 100, Deduct* | *-0.38* | |
| | | *For >100 To 250, Deduct* | *-0.75* | |
| | | *For >250 To 500, Deduct* | *-1.31* | |
| | | *For >500, Deduct* | *-1.87* | |
| **26 05 29 00-0345** | | **Hex Lag Bolts With Lag Shield Expansion Anchors** *(26 05 29 00-0330)* Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel. | | |
| 26 05 29 00-0346 | EA | 1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor | 3.93 | |
| | | *For >50 To 100, Deduct* | *-0.33* | |
| | | *For >100 To 250, Deduct* | *-0.66* | |
| | | *For >250 To 500, Deduct* | *-1.14* | |
| | | *For >500, Deduct* | *-1.62* | |
| 26 05 29 00-0347 | EA | 5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor | 3.89 | |
| | | *For >50 To 100, Deduct* | *-0.33* | |
| | | *For >100 To 250, Deduct* | *-0.65* | |
| | | *For >250 To 500, Deduct* | *-1.13* | |
| | | *For >500, Deduct* | *-1.61* | |
| 26 05 29 00-0348 | EA | 3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor | 5.39 | |
| | | *For >50 To 100, Deduct* | *-0.41* | |
| | | *For >100 To 250, Deduct* | *-0.82* | |
| | | *For >250 To 500, Deduct* | *-1.41* | |
| | | *For >500, Deduct* | *-2.00* | |
| 26 05 29 00-0349 | EA | 1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor | 6.80 | |
| | | *For >50 To 100, Deduct* | *-0.49* | |
| | | *For >100 To 250, Deduct* | *-0.98* | |
| | | *For >250 To 500, Deduct* | *-1.68* | |
| | | *For >500, Deduct* | *-2.38* | |
| **26 05 29 00-0350** | | **Hanger Lag Bolts With Hex Nuts** *(26 05 29 00-0330)* Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel. | | |
| 26 05 29 00-0351 | EA | 1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut | 2.97 | |
| | | *For >50 To 100, Deduct* | *-0.26* | |
| | | *For >100 To 250, Deduct* | *-0.51* | |
| | | *For >250 To 500, Deduct* | *-0.89* | |
| | | *For >500, Deduct* | *-1.27* | |
| 26 05 29 00-0352 | EA | 5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut | 3.01 | |
| | | *For >50 To 100, Deduct* | *-0.26* | |
| | | *For >100 To 250, Deduct* | *-0.52* | |
| | | *For >250 To 500, Deduct* | *-0.90* | |
| | | *For >500, Deduct* | *-1.28* | |
| 26 05 29 00-0353 | EA | 3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut | 3.53 | |
| | | *For >50 To 100, Deduct* | *-0.29* | |
| | | *For >100 To 250, Deduct* | *-0.58* | |
| | | *For >250 To 500, Deduct* | *-1.01* | |
| | | *For >500, Deduct* | *-1.44* | |
| **26 05 29 00-0354** | | **Hollow Wall Screw Anchors** *(26 05 29 00-0330)* | | |
| 26 05 29 00-0355 | EA | 6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 1.75 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.31* | |
| | | *For >250 To 500, Deduct* | *-0.53* | |
| | | *For >500, Deduct* | *-0.76* | |
| 26 05 29 00-0356 | EA | 6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 1.79 | |
| | | *For >50 To 100, Deduct* | *-0.15* | |
| | | *For >100 To 250, Deduct* | *-0.31* | |
| | | *For >250 To 500, Deduct* | *-0.54* | |
| | | *For >500, Deduct* | *-0.76* | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 29 00-0357 | | EA | 6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 1.87 | |
| | | | *For >50 To 100, Deduct* | *-0.16* | |
| | | | *For >100 To 250, Deduct* | *-0.31* | |
| | | | *For >250 To 500, Deduct* | *-0.54* | |
| | | | *For >500, Deduct* | *-0.77* | |
| 26 05 29 00-0358 | | EA | 10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 2.34 | |
| | | | *For >50 To 100, Deduct* | *-0.19* | |
| | | | *For >100 To 250, Deduct* | *-0.37* | |
| | | | *For >250 To 500, Deduct* | *-0.64* | |
| | | | *For >500, Deduct* | *-0.91* | |
| 26 05 29 00-0359 | | EA | 10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 2.44 | |
| | | | *For >50 To 100, Deduct* | *-0.19* | |
| | | | *For >100 To 250, Deduct* | *-0.38* | |
| | | | *For >250 To 500, Deduct* | *-0.65* | |
| | | | *For >500, Deduct* | *-0.92* | |
| 26 05 29 00-0360 | | EA | 10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 2.47 | |
| | | | *For >50 To 100, Deduct* | *-0.19* | |
| | | | *For >100 To 250, Deduct* | *-0.38* | |
| | | | *For >250 To 500, Deduct* | *-0.65* | |
| | | | *For >500, Deduct* | *-0.93* | |
| 26 05 29 00-0361 | | EA | 1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 2.49 | |
| | | | *For >50 To 100, Deduct* | *-0.19* | |
| | | | *For >100 To 250, Deduct* | *-0.38* | |
| | | | *For >250 To 500, Deduct* | *-0.65* | |
| | | | *For >500, Deduct* | *-0.93* | |
| 26 05 29 00-0362 | | EA | 1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 2.63 | |
| | | | *For >50 To 100, Deduct* | *-0.19* | |
| | | | *For >100 To 250, Deduct* | *-0.39* | |
| | | | *For >250 To 500, Deduct* | *-0.66* | |
| | | | *For >500, Deduct* | *-0.94* | |
| 26 05 29 00-0363 | | EA | 1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor | 2.69 | |
| | | | *For >50 To 100, Deduct* | *-0.19* | |
| | | | *For >100 To 250, Deduct* | *-0.39* | |
| | | | *For >250 To 500, Deduct* | *-0.67* | |
| | | | *For >500, Deduct* | *-0.95* | |

### 26 05 29 00-0364 Lead Screw Anchors *(26 05 29 00-0330)*

Note: Includes screw.

| | | | | | |
|---|---|---|---|---|---|
| 26 05 29 00-0365 | | EA | #6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw | 4.13 | |
| | | | *For >50 To 100, Deduct* | *-0.38* | |
| | | | *For >100 To 250, Deduct* | *-0.77* | |
| | | | *For >250 To 500, Deduct* | *-1.34* | |
| | | | *For >500, Deduct* | *-1.91* | |
| 26 05 29 00-0366 | | EA | #10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw | 4.88 | |
| | | | *For >50 To 100, Deduct* | *-0.45* | |
| | | | *For >100 To 250, Deduct* | *-0.89* | |
| | | | *For >250 To 500, Deduct* | *-1.56* | |
| | | | *For >500, Deduct* | *-2.22* | |
| 26 05 29 00-0367 | | EA | #16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw | 6.55 | |
| | | | *For >50 To 100, Deduct* | *-0.58* | |
| | | | *For >100 To 250, Deduct* | *-1.15* | |
| | | | *For >250 To 500, Deduct* | *-2.01* | |
| | | | *For >500, Deduct* | *-2.86* | |

### 26 05 29 00-0368 Acoustical T-Bar Clips *(26 05 29 00-0330)*

Note: For conduit installation above suspended ceilings up to 15' height.

| | | | | | |
|---|---|---|---|---|---|
| 26 05 29 00-0369 | | EA | 1/2" Conduit, Push-In Acoustical T-Bar Clip | 6.83 | |
| | | | *For >50 To 100, Deduct* | *-0.52* | |
| | | | *For >100 To 250, Deduct* | *-1.04* | |
| | | | *For >250 To 500, Deduct* | *-1.80* | |
| | | | *For >500, Deduct* | *-2.56* | |
| 26 05 29 00-0370 | | EA | 3/4" Conduit, Push-In Acoustical T-Bar Clip | 7.17 | |
| | | | *For >50 To 100, Deduct* | *-0.55* | |
| | | | *For >100 To 250, Deduct* | *-1.10* | |
| | | | *For >250 To 500, Deduct* | *-1.89* | |
| | | | *For >500, Deduct* | *-2.69* | |
| 26 05 29 00-0371 | | EA | 1" Conduit, Push-In Acoustical T-Bar Clip | 7.80 | |
| | | | *For >50 To 100, Deduct* | *-0.59* | |
| | | | *For >100 To 250, Deduct* | *-1.17* | |
| | | | *For >250 To 500, Deduct* | *-2.02* | |
| | | | *For >500, Deduct* | *-2.86* | |

### 26 05 29 00-0372 Threaded Rod, Accessories And Attachments *(26 05 29)*

### 26 05 29 00-0373 Threaded Rod And Rod Accessories *(26 05 29 00-0372)*

### 26 05 29 00-0374 Carbon Steel Threaded Rod *(26 05 29 00-0373)*

Note: Includes plain finish.

| | | | | | |
|---|---|---|---|---|---|
| 26 05 29 00-0375 | | LF | 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 3.15 | 0.69 |
| | | | *For Galvanized, Add* | *0.71* | |
| | | | *For Zinc Coated, Add* | *0.50* | |
| 26 05 29 00-0376 | | LF | 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 4.29 | 0.74 |
| | | | *For Galvanized, Add* | *1.13* | |
| | | | *For Zinc Coated, Add* | *0.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0377 | LF | 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 5.88 | 0.76 |
| | | *For Galvanized, Add* | *1.74* | |
| | | *For Zinc Coated, Add* | *1.24* | |
| 26 05 29 00-0378 | LF | 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 9.50 | 0.78 |
| | | *For Galvanized, Add* | *3.17* | |
| | | *For Zinc Coated, Add* | *2.26* | |
| 26 05 29 00-0379 | LF | 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 10.33 | 0.81 |
| | | *For Galvanized, Add* | *3.48* | |
| | | *For Zinc Coated, Add* | *2.48* | |
| 26 05 29 00-0380 | LF | 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 14.07 | 0.91 |
| | | *For Galvanized, Add* | *4.89* | |
| | | *For Zinc Coated, Add* | *3.49* | |
| 26 05 29 00-0381 | LF | 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod | 17.47 | 1.02 |
| | | *For Galvanized, Add* | *6.17* | |
| | | *For Zinc Coated, Add* | *4.40* | |

## 26 05 29 00-0382 Threaded Rod Couplings *(26 05 29 00-0373)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0383 | EA | 3/8" Diameter, Threaded Rod Coupling Nut | 8.56 | |
| 26 05 29 00-0384 | EA | 1/2" Diameter, Threaded Rod Coupling Nut | 9.67 | |
| 26 05 29 00-0385 | EA | 5/8" Diameter, Threaded Rod Coupling Nut | 11.87 | |
| 26 05 29 00-0386 | EA | 3/4" Diameter, Threaded Rod Coupling Nut | 14.24 | |
| 26 05 29 00-0387 | EA | 7/8" Diameter, Threaded Rod Coupling Nut | 20.11 | |
| 26 05 29 00-0388 | EA | 1" Diameter, Threaded Rod Coupling Nut | 23.83 | |
| 26 05 29 00-0389 | EA | 1-1/8" Diameter, Threaded Rod Coupling Nut | 43.51 | |

## 26 05 29 00-0390 Flat Washers *(26 05 29 00-0373)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0391 | EA | 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.73 | 0.27 |
| | | *For Galvanized, Add* | *0.03* | |
| 26 05 29 00-0392 | EA | 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 0.92 | 0.27 |
| | | *For Galvanized, Add* | *0.06* | |
| 26 05 29 00-0393 | EA | 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.16 | 0.27 |
| | | *For Galvanized, Add* | *0.11* | |
| 26 05 29 00-0394 | EA | 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.40 | 0.55 |
| | | *For Galvanized, Add* | *0.16* | |
| 26 05 29 00-0395 | EA | 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.57 | 0.55 |
| | | *For Galvanized, Add* | *0.19* | |
| 26 05 29 00-0396 | EA | 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 1.85 | 0.55 |
| | | *For Galvanized, Add* | *0.24* | |
| 26 05 29 00-0397 | EA | 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer | 2.08 | 0.55 |
| | | *For Galvanized, Add* | *0.27* | |

## 26 05 29 00-0398 Malleable Iron Eye Sockets *(26 05 29 00-0373)*

Note: Type 16.

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0399 | EA | 3/8" Rod Size, Malleable Iron Eye Socket | 11.03 | |
| 26 05 29 00-0400 | EA | 1/2" Rod Size, Malleable Iron Eye Socket | 13.23 | |
| 26 05 29 00-0401 | EA | 5/8" Rod Size, Malleable Iron Eye Socket | 23.35 | |
| 26 05 29 00-0402 | EA | 3/4" Rod Size, Malleable Iron Eye Socket | 33.44 | |
| 26 05 29 00-0403 | EA | 7/8" Rod Size, Malleable Iron Eye Socket | 35.59 | |

## 26 05 29 00-0404 Hex Nuts *(26 05 29 00-0373)*

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0405 | EA | 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.71 | 0.27 |
| | | *For Galvanized, Add* | *0.02* | |
| 26 05 29 00-0406 | EA | 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 0.89 | 0.27 |
| | | *For Galvanized, Add* | *0.05* | |
| 26 05 29 00-0407 | EA | 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.17 | 0.27 |
| | | *For Galvanized, Add* | *0.11* | |
| 26 05 29 00-0408 | EA | 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.36 | 0.55 |
| | | *For Galvanized, Add* | *0.15* | |
| 26 05 29 00-0409 | EA | 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 1.94 | 0.55 |
| | | *For Galvanized, Add* | *0.28* | |
| 26 05 29 00-0410 | EA | 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 2.44 | 0.55 |
| | | *For Galvanized, Add* | *0.38* | |
| 26 05 29 00-0411 | EA | 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 3.91 | 0.55 |
| | | *For Galvanized, Add* | *0.72* | |

## 26 05 29 00-0412 Forged Steel Turnbuckles *(26 05 29 00-0373)*

Note: Type 13.

| | | | | |
|---|---|---|---|---|
| 26 05 29 00-0413 | EA | 3/8" Thread Diameter, Forged Steel Turnbuckle Body | 26.85 | |
| 26 05 29 00-0414 | EA | 1/2" Thread Diameter, Forged Steel Turnbuckle Body | 33.26 | |
| 26 05 29 00-0415 | EA | 5/8" Thread Diameter, Forged Steel Turnbuckle Body | 44.75 | |
| 26 05 29 00-0416 | EA | 3/4" Thread Diameter, Forged Steel Turnbuckle Body | 55.48 | |
| 26 05 29 00-0417 | EA | 7/8" Thread Diameter, Forged Steel Turnbuckle Body | 138.08 | |
| 26 05 29 00-0418 | EA | 1" Thread Diameter, Forged Steel Turnbuckle Body | 91.15 | |
| 26 05 29 00-0419 | EA | 1-1/4" Thread Diameter, Forged Steel Turnbuckle Body | 184.56 | |

## 26 05 29 00-0420 Attachments *(26 05 29 00-0372)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 29 00-0421** | | **Welded Beam Attachments** *(26 05 29 00-0420)* Note: Type 22. | | |
| 26 05 29 00-0422 | EA | 3/8" Rod Size, Welded Beam Attachment | 49.15 | 11.00 |
| 26 05 29 00-0423 | EA | 1/2" Rod Size, Welded Beam Attachment | 52.45 | 11.55 |
| 26 05 29 00-0424 | EA | 5/8" Rod Size, Welded Beam Attachment | 55.84 | 12.21 |
| 26 05 29 00-0425 | EA | 3/4" Rod Size, Welded Beam Attachment | 71.36 | 12.98 |
| 26 05 29 00-0426 | EA | 7/8" Rod Size, Welded Beam Attachment | 85.69 | 13.75 |
| 26 05 29 00-0427 | EA | 1" Rod Size, Welded Beam Attachment | 120.28 | 15.73 |
| 26 05 29 00-0428 | EA | 1-1/8" Rod Size, Welded Beam Attachment | 170.56 | 16.50 |
| **26 05 29 00-0429** | | **C-Clamp Style Beam Clamps** *(26 05 29 00-0420)* Note: Type 23. Top or bottom flange mount. | | |
| 26 05 29 00-0430 | EA | 3/8" Rod Size, C-Clamp Style Beam Clamp | 17.10 | 8.27 |
| 26 05 29 00-0431 | EA | 1/2" Rod Size, C-Clamp Style Beam Clamp | 20.44 | 8.82 |
| 26 05 29 00-0432 | EA | 5/8" Rod Size, C-Clamp Style Beam Clamp | 23.23 | 9.44 |
| 26 05 29 00-0433 | EA | 3/4" Rod Size, C-Clamp Style Beam Clamp | 29.92 | 10.17 |
| 26 05 29 00-0434 | EA | 7/8" Rod Size, C-Clamp Style Beam Clamp | 43.57 | 11.02 |
| **26 05 29 00-0435** | | **Bottom Mount I-Beam Clamps** *(26 05 29 00-0420)* Note: Type 21. For attaching threaded rod centered under beam flanges. | | |
| 26 05 29 00-0436 | EA | 3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp | 47.53 | 11.02 |
| 26 05 29 00-0437 | EA | 1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp | 70.00 | 12.02 |
| 26 05 29 00-0438 | EA | 5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp | 100.16 | 13.23 |
| 26 05 29 00-0439 | EA | 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp | 119.93 | 14.69 |
| 26 05 29 00-0440 | EA | 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp | 291.11 | 16.53 |
| **26 05 29 00-0441** | | **Steel U-Bolts** *(26 05 29 00-0420)* Note: Type 24. Includes plate and nuts. | | |
| 26 05 29 00-0442 | EA | 1/2" Pipe Size, Zinc Plated Steel, U-Bolt | 13.94 | 6.61 |
| 26 05 29 00-0443 | EA | 3/4" Pipe Size, Zinc Plated Steel, U-Bolt | 15.14 | 6.96 |
| 26 05 29 00-0444 | EA | 1" Pipe Size, Zinc Plated Steel, U-Bolt | 16.29 | 7.34 |
| 26 05 29 00-0445 | EA | 1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt | 18.54 | 7.78 |
| 26 05 29 00-0446 | EA | 1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt | 19.15 | 8.27 |
| 26 05 29 00-0447 | EA | 2" Pipe Size, Zinc Plated Steel, U-Bolt | 20.48 | 8.82 |
| 26 05 29 00-0448 | EA | 2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt | 29.64 | 9.44 |
| 26 05 29 00-0449 | EA | 3" Pipe Size, Zinc Plated Steel, U-Bolt | 32.67 | 10.17 |
| 26 05 29 00-0450 | EA | 4" Pipe Size, Zinc Plated Steel, U-Bolt | 39.52 | 11.02 |
| **26 05 29 00-0451** | | **Stainless Steel Threaded Rod** *(26 05 29 00-0372)* | | |
| 26 05 29 00-0452 | LF | 1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod | 3.10 | 0.55 |
| | | *For 316 Stainless Steel, Add* | *0.81* | |
| 26 05 29 00-0453 | LF | 5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod | 4.64 | 0.60 |
| | | *For 316 Stainless Steel, Add* | *1.39* | |
| 26 05 29 00-0454 | LF | 3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod | 5.94 | 0.69 |
| | | *For 316 Stainless Steel, Add* | *1.85* | |
| 26 05 29 00-0455 | LF | 7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod | 8.21 | 0.71 |
| | | *For 316 Stainless Steel, Add* | *2.75* | |
| 26 05 29 00-0456 | LF | 1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod | 9.83 | 0.74 |
| | | *For 316 Stainless Steel, Add* | *3.39* | |
| 26 05 29 00-0457 | LF | 5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod | 14.67 | 0.74 |
| | | *For 316 Stainless Steel, Add* | *5.33* | |
| 26 05 29 00-0458 | LF | 3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod | 20.47 | 0.76 |
| | | *For 316 Stainless Steel, Add* | *7.67* | |
| 26 05 29 00-0459 | LF | 7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod | 28.12 | 0.78 |
| | | *For 316 Stainless Steel, Add* | *10.75* | |
| 26 05 29 00-0460 | LF | 1" Diameter, 304/18-8 Stainless Steel Threaded Rod | 36.12 | 0.91 |
| | | *For 316 Stainless Steel, Add* | *13.88* | |
| 26 05 29 00-0461 | LF | 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod | 76.32 | 1.10 |
| | | *For 316 Stainless Steel, Add* | *29.98* | |
| **26 05 29 00-0462** | | **Polyvinyl Chloride (PVC) Coated Supports** *(26 05 29)* Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware. | | |
| **26 05 29 00-0463** | | **Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0462)* | | |
| **26 05 29 00-0464** | | **Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)* | | |
| 26 05 29 00-0465 | EA | 1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 66.87 | 21.99 |
| 26 05 29 00-0466 | EA | 3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 72.61 | 23.98 |
| 26 05 29 00-0467 | EA | 1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 77.00 | 26.39 |
| 26 05 29 00-0468 | EA | 1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 93.75 | 29.37 |
| 26 05 29 00-0469 | EA | 1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 108.82 | 33.00 |
| 26 05 29 00-0470 | EA | 2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 132.05 | 36.30 |
| 26 05 29 00-0471 | EA | 2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 144.48 | 39.60 |
| 26 05 29 00-0472 | EA | 3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 159.53 | 42.89 |
| 26 05 29 00-0473 | EA | 3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 167.94 | 46.19 |
| 26 05 29 00-0474 | EA | 4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp | 181.78 | 49.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 29 00-0475** | | **Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)* | | |
| 26 05 29 00-0476 | EA | 1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 72.70 | 21.99 |
| 26 05 29 00-0477 | EA | 3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 76.56 | 23.98 |
| 26 05 29 00-0478 | EA | 1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 88.83 | 26.39 |
| 26 05 29 00-0479 | EA | 1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 97.95 | 29.37 |
| 26 05 29 00-0480 | EA | 1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 110.45 | 33.00 |
| 26 05 29 00-0481 | EA | 2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 129.27 | 36.30 |
| 26 05 29 00-0482 | EA | 2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 149.74 | 39.60 |
| 26 05 29 00-0483 | EA | 3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 166.51 | 42.89 |
| 26 05 29 00-0484 | EA | 3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 176.73 | 46.19 |
| 26 05 29 00-0485 | EA | 4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp | 182.95 | 49.50 |
| **26 05 29 00-0486** | | **Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)* | | |
| 26 05 29 00-0487 | EA | 1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp | 68.07 | 21.78 |
| 26 05 29 00-0488 | EA | 3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp | 72.99 | 23.76 |
| 26 05 29 00-0489 | EA | 1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp | 82.94 | 26.39 |
| 26 05 29 00-0490 | EA | 1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp | 98.45 | 29.04 |
| 26 05 29 00-0491 | EA | 1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp | 131.11 | 33.00 |
| 26 05 29 00-0492 | EA | 2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp | 143.69 | 36.30 |
| **26 05 29 00-0493** | | **Polyvinyl Chloride (PVC) Coated Conduit Straps** *(26 05 29 00-0462)* | | |
| **26 05 29 00-0494** | | **One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps** *(26 05 29 00-0493)* | | |
| 26 05 29 00-0495 | EA | 1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 9.40 | 0.66 |
| 26 05 29 00-0496 | EA | 3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 10.24 | 0.66 |
| 26 05 29 00-0497 | EA | 1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 15.23 | 0.66 |
| 26 05 29 00-0498 | EA | 1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 18.60 | 0.66 |
| 26 05 29 00-0499 | EA | 1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 24.59 | 0.66 |
| 26 05 29 00-0500 | EA | 2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 37.13 | 0.66 |
| 26 05 29 00-0501 | EA | 2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 49.58 | 0.66 |
| 26 05 29 00-0502 | EA | 3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 66.54 | 0.66 |
| 26 05 29 00-0503 | EA | 3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 118.04 | 0.66 |
| 26 05 29 00-0504 | EA | 4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 125.47 | 0.66 |
| **26 05 29 00-0505** | | **Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps** *(26 05 29 00-0493)* | | |
| 26 05 29 00-0506 | EA | 1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 18.52 | 1.32 |
| 26 05 29 00-0507 | EA | 3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 18.60 | 1.32 |
| 26 05 29 00-0508 | EA | 1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 19.11 | 1.32 |
| 26 05 29 00-0509 | EA | 1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 24.24 | 1.32 |
| 26 05 29 00-0510 | EA | 1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 24.94 | 1.32 |
| 26 05 29 00-0511 | EA | 2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 28.72 | 1.32 |
| 26 05 29 00-0512 | EA | 2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 32.40 | 1.32 |
| 26 05 29 00-0513 | EA | 3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 33.91 | 1.32 |
| 26 05 29 00-0514 | EA | 3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 36.26 | 1.32 |
| 26 05 29 00-0515 | EA | 4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap | 39.40 | 1.32 |
| **26 05 29 00-0516** | | **Polyvinyl Chloride (PVC) Coated Clamp Back Spacer** *(26 05 29 00-0462)* | | |
| **26 05 29 00-0517** | | **Polyvinyl Chloride (PVC) Coated Clamp Back Spacer** *(26 05 29 00-0516)* | | |
| 26 05 29 00-0518 | EA | 1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 16.72 | 1.32 |
| 26 05 29 00-0519 | EA | 3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 19.58 | 1.32 |
| 26 05 29 00-0520 | EA | 1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 24.83 | 1.32 |
| 26 05 29 00-0521 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 29.17 | 1.32 |
| 26 05 29 00-0522 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 39.32 | 1.32 |
| 26 05 29 00-0523 | EA | 2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 49.99 | 1.32 |
| 26 05 29 00-0524 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 97.69 | 1.32 |
| 26 05 29 00-0525 | EA | 3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 133.69 | 1.32 |
| 26 05 29 00-0526 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 234.60 | 1.32 |
| 26 05 29 00-0527 | EA | 4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer | 234.60 | 1.32 |
| **26 05 29 00-0528** | | **Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories** *(26 05 29 00-0462)* | | |
| **26 05 29 00-0529** | | **Polyvinyl Chloride (PVC) Coated Threaded Rod** *(26 05 29 00-0528)* | | |
| 26 05 29 00-0530 | LF | 3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod | 11.59 | 0.88 |
| 26 05 29 00-0531 | LF | 1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod | 14.31 | 0.99 |
| **26 05 29 00-0532** | | **Attachments** *(26 05 29 00-0462)* | | |
| **26 05 29 00-0533** | | **Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts** *(26 05 29 00-0532)* | | |
| 26 05 29 00-0534 | EA | 1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 19.66 | 6.61 |
| 26 05 29 00-0535 | EA | 3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 20.24 | 6.94 |
| 26 05 29 00-0536 | EA | 1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 21.30 | 7.38 |
| 26 05 29 00-0537 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 22.69 | 7.82 |
| 26 05 29 00-0538 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 24.18 | 8.27 |
| 26 05 29 00-0539 | EA | 2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 27.45 | 8.82 |
| 26 05 29 00-0540 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 41.52 | 9.48 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0541 | EA | 3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 43.39 | 10.13 |
| 26 05 29 00-0542 | EA | 4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 46.15 | 11.02 |
| 26 05 29 00-0543 | EA | 5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 78.41 | 12.56 |
| 26 05 29 00-0544 | EA | 6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts | 97.77 | 14.54 |
| **26 05 29 00-0545** | | **Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps** *(26 05 29 00-0532)* | | |
| 26 05 29 00-0546 | EA | 1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp | 68.93 | 21.78 |
| 26 05 29 00-0547 | EA | 5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp | 82.81 | 21.78 |
| 26 05 29 00-0548 | EA | 3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp | 88.53 | 21.78 |
| 26 05 29 00-0549 | EA | 1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp | 98.21 | 23.10 |
| 26 05 29 00-0550 | EA | 1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp | 115.38 | 26.39 |
| **26 05 29 00-0551** | | **Polyvinyl Chloride (PVC) Coated Pipe Straps** *(26 05 29 00-0532)*<br>Note: Includes stainless steel nuts and bolts. | | |
| 26 05 29 00-0552 | EA | 1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap | 21.68 | 7.26 |
| 26 05 29 00-0553 | EA | 3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap | 22.80 | 7.92 |
| 26 05 29 00-0554 | EA | 1" Polyvinyl Chloride (PVC) Coated Pipe Strap | 24.83 | 8.58 |
| 26 05 29 00-0555 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap | 27.96 | 9.90 |
| 26 05 29 00-0556 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap | 32.00 | 11.22 |
| 26 05 29 00-0557 | EA | 2" Polyvinyl Chloride (PVC) Coated Pipe Strap | 35.58 | 11.88 |
| 26 05 29 00-0558 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap | 39.30 | 13.20 |
| 26 05 29 00-0559 | EA | 3" Polyvinyl Chloride (PVC) Coated Pipe Strap | 46.75 | 14.52 |
| 26 05 29 00-0560 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap | 51.11 | 15.18 |
| 26 05 29 00-0561 | EA | 4" Polyvinyl Chloride (PVC) Coated Pipe Strap | 53.70 | 16.50 |
| 26 05 29 00-0562 | EA | 5" Polyvinyl Chloride (PVC) Coated Pipe Strap | 57.39 | 18.47 |
| **26 05 29 00-0563** | | **Polyvinyl Chloride (PVC) Coated Channel** *(26 05 29 00-0462)* | | |
| 26 05 29 00-0564 | LF | A12, Polyvinyl Chloride (PVC) Coated Channel | 22.42 | 3.30 |
| 26 05 29 00-0565 | LF | A12A, Polyvinyl Chloride (PVC) Coated Channel | 39.69 | 4.62 |
| 26 05 29 00-0566 | LF | A12P, Polyvinyl Chloride (PVC) Coated Channel | 23.94 | 3.30 |
| 26 05 29 00-0567 | LF | C14, Polyvinyl Chloride (PVC) Coated Channel | 17.76 | 3.30 |
| 26 05 29 00-0568 | LF | C14P, Polyvinyl Chloride (PVC) Coated Channel | 18.70 | 3.30 |
| **26 05 29 00-0569** | | **Polymer Concrete Pads** *(26 05 29)*<br>Note: Excludes excavation and backfill. | | |
| **26 05 29 00-0570** | | **Polymer Concrete, Box Pads** *(26 05 29 00-0569)* | | |
| 26 05 29 00-0571 | EA | 24" x 36", 18" Depth, Polymer Concrete, Box Pad | 1,185.71 | 104.46 |
| 26 05 29 00-0572 | EA | 25" x 25", 24" Depth, Polymer Concrete, Box Pad | 1,226.07 | 104.46 |
| 26 05 29 00-0573 | EA | 40" x 44", 15" Depth, Polymer Concrete, Box Pad | 1,596.97 | 104.46 |
| 26 05 29 00-0574 | EA | 40" x 44", 24" Depth, Polymer Concrete, Box Pad | 1,658.46 | 104.46 |
| 26 05 29 00-0575 | EA | 52" x 36", 18" Depth, Polymer Concrete, Box Pad | 1,539.72 | 104.46 |
| 26 05 29 00-0576 | EA | 44" x 44", 32" Depth, Polymer Concrete, Box Pad | 1,830.13 | 104.46 |
| 26 05 29 00-0577 | EA | 40" x 58", 24" Depth, Polymer Concrete, Box Pad | 2,052.81 | 104.46 |
| 26 05 29 00-0578 | EA | 52" x 50", 18" Depth, Polymer Concrete, Box Pad | 1,959.41 | 130.58 |
| 26 05 29 00-0579 | EA | 74" x 76", 36" Depth, Polymer Concrete, Box Pad | 2,999.86 | 130.58 |
| 26 05 29 00-0580 | EA | 93" x 93", 36" Depth, Polymer Concrete, Box Pad | 4,045.45 | 130.58 |
| **26 05 29 00-0581** | | **Polymer Concrete, Telecommunications Equipment Pads** *(26 05 29 00-0569)* | | |
| 26 05 29 00-0582 | EA | 42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad | 559.71 | 51.55 |
| 26 05 29 00-0583 | EA | 48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad | 669.97 | 51.55 |
| 26 05 29 00-0584 | EA | 60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad | 879.51 | 78.34 |
| 26 05 29 00-0585 | EA | 54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad | 920.49 | 78.34 |
| 26 05 29 00-0586 | EA | 57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad | 1,337.65 | 78.34 |
| 26 05 29 00-0587 | EA | 72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad | 1,395.63 | 78.34 |
| 26 05 29 00-0588 | EA | 64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad | 1,503.66 | 78.34 |
| 26 05 29 00-0589 | EA | 72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad | 1,503.66 | 78.34 |
| 26 05 29 00-0590 | EA | 76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad | 2,860.88 | 78.34 |
| 26 05 29 00-0591 | EA | 96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad | 3,248.14 | 78.34 |
| **26 05 29 00-0592** | | **Polymer Concrete, Electrical Equipment Pads** *(26 05 29 00-0569)* | | |
| 26 05 29 00-0593 | EA | 24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad | 326.19 | 51.55 |
| 26 05 29 00-0594 | EA | 24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad | 354.53 | 51.55 |
| 26 05 29 00-0595 | EA | 24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad | 380.35 | 51.55 |
| 26 05 29 00-0596 | EA | 24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad | 466.12 | 51.55 |
| 26 05 29 00-0597 | EA | 40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad | 427.85 | 51.55 |
| 26 05 29 00-0598 | EA | 42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad | 445.88 | 51.55 |
| 26 05 29 00-0599 | EA | 48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad | 492.64 | 51.55 |
| 26 05 29 00-0600 | EA | 48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad | 519.91 | 51.55 |
| 26 05 29 00-0601 | EA | 54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad | 611.00 | 51.55 |
| 26 05 29 00-0602 | EA | 56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad | 761.04 | 51.55 |
| 26 05 29 00-0603 | EA | 64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad | 1,136.68 | 78.34 |
| 26 05 29 00-0604 | EA | 66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad | 1,191.52 | 78.34 |
| 26 05 29 00-0605 | EA | 75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad | 1,208.82 | 78.34 |
| 26 05 29 00-0606 | EA | 90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad | 1,324.10 | 78.34 |
| 26 05 29 00-0607 | EA | 84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad | 2,866.08 | 78.34 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 29 00-0608 | EA | 96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad | 3,382.57 | 78.34 |

## 26 05 33 Raceway and Boxes for Electrical Systems *(26 05)*

### 26 05 33 13 Conduit for Electrical Systems *(26 05 33)*

#### 26 05 33 13-0001 Conduit Assemblies *(26 05 33 13)*

Note: Includes conduit, fittings and wire. Excludes hangers or supports.

#### 26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0250 for larger copper conducter, 26 05 33 13-0598 for larger EMT conduit.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0003 | CLF | 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 869.97 | 245.59 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *210.53* | |
| | | *For 2 #12 THWN Conductor Instead Of THHN, Add* | *2.20* | |
| 26 05 33 13-0004 | CLF | 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 952.24 | 266.69 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *228.62* | |
| | | *For 3 #12 THWN Conductor Instead Of THHN, Add* | *3.30* | |
| 26 05 33 13-0005 | CLF | 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,034.51 | 287.79 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *246.71* | |
| | | *For 4 #12 THWN Conductor Instead Of THHN, Add* | *4.40* | |
| 26 05 33 13-0006 | CLF | 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 922.20 | 256.14 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *219.58* | |
| | | *For 2 #10 THWN Conductor Instead Of THHN, Add* | *3.29* | |
| 26 05 33 13-0007 | CLF | 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,025.56 | 280.76 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *240.68* | |
| | | *For 3 #10 THWN Conductor Instead Of THHN, Add* | *4.94* | |
| 26 05 33 13-0008 | CLF | 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor | 1,042.44 | 277.24 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *237.67* | |
| | | *For 2 #8 THWN Conductor Instead Of THHN, Add* | *5.75* | |
| 26 05 33 13-0009 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 979.70 | 264.78 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *226.94* | |
| | | *For 2 #12 THWN Conductor Instead Of THHN, Add* | *2.20* | |
| 26 05 33 13-0010 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,061.97 | 285.88 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *245.02* | |
| | | *For 3 #12 THWN Conductor Instead Of THHN, Add* | *3.30* | |
| 26 05 33 13-0011 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,144.24 | 306.98 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *263.11* | |
| 26 05 33 13-0012 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,226.51 | 328.08 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *281.20* | |
| | | *For 5 #12 THWN Conductor Instead Of THHN, Add* | *5.49* | |
| 26 05 33 13-0013 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,031.92 | 275.33 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *235.98* | |
| | | *For 2 #10 THWN Conductor Instead Of THHN, Add* | *3.29* | |
| 26 05 33 13-0014 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,135.28 | 299.95 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *257.08* | |
| | | *For 3 #10 THWN Conductor Instead Of THHN, Add* | *4.94* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0015 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,238.65 | 324.57 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *278.18* | |
| | | *For 4 #10 THWN Conductor Instead Of THHN, Add* | *6.59* | |
| 26 05 33 13-0016 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,342.00 | 349.19 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *299.28* | |
| | | *For 5 #10 THWN Conductor Instead Of THHN, Add* | *8.24* | |
| 26 05 33 13-0017 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor | 1,300.07 | 328.08 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *281.20* | |
| | | *For 3 #8 THWN Conductor Instead Of THHN, Add* | *8.62* | |
| 26 05 33 13-0018 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor | 1,447.98 | 359.74 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *308.33* | |
| | | *For 4 #8 THWN Conductor Instead Of THHN, Add* | *11.49* | |
| 26 05 33 13-0019 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor | 1,312.01 | 317.53 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *272.15* | |
| | | *For 2 #6 THWN Conductor Instead Of THHN, Add* | *9.50* | |
| 26 05 33 13-0020 | CLF | 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor | 1,517.57 | 356.22 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *305.31* | |
| | | *For 3 #6 THWN Conductor Instead Of THHN, Add* | *14.25* | |
| 26 05 33 13-0021 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,140.51 | 284.98 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *244.30* | |
| | | *For 2 #12 THWN Conductor Instead Of THHN, Add* | *2.20* | |
| 26 05 33 13-0022 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,222.78 | 306.08 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *262.39* | |
| | | *For 3 #12 THWN Conductor Instead Of THHN, Add* | *3.30* | |
| 26 05 33 13-0023 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,305.05 | 327.18 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *280.47* | |
| 26 05 33 13-0024 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,387.32 | 348.28 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *298.56* | |
| | | *For 5 #12 THWN Conductor Instead Of THHN, Add* | *5.49* | |
| 26 05 33 13-0025 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,192.73 | 295.53 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *253.34* | |
| | | *For 2 #10 THWN Conductor Instead Of THHN, Add* | *3.29* | |
| 26 05 33 13-0026 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,296.09 | 320.15 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *274.44* | |
| | | *For 3 #10 THWN Conductor Instead Of THHN, Add* | *4.94* | |
| 26 05 33 13-0027 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,399.45 | 344.76 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *295.55* | |
| | | *For 4 #10 THWN Conductor Instead Of THHN, Add* | *6.59* | |
| 26 05 33 13-0028 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,502.81 | 369.38 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *316.65* | |
| | | *For 5 #10 THWN Conductor Instead Of THHN, Add* | *8.24* | |
| 26 05 33 13-0029 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor | 1,460.88 | 348.28 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *298.56* | |
| | | *For 3 #8 THWN Conductor Instead Of THHN, Add* | *8.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0030 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor | 1,678.37 | 376.41 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *322.68* | |
| | | *For 3 #6 THWN Conductor Instead Of THHN, Add* | *14.25* | |
| 26 05 33 13-0031 | CLF | 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor | 1,883.93 | 415.10 |
| | | Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *355.84* | |
| | | *For 4 #6 THWN Conductor Instead Of THHN, Add* | *19.00* | |

## 26 05 33 13-0032 Rigid Galvanized Steel (RGS) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0250 for larger copper conducter, 26 05 33 13-0059 for larger RGS conduit.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0033 | CLF | 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,203.72 | 279.55 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *239.60* | |
| | | *For 2 #12 THWN Conductor Instead Of THHN, Add* | *2.20* | |
| 26 05 33 13-0034 | CLF | 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,285.97 | 300.65 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *257.68* | |
| | | *For 3 #12 THWN Conductor Instead Of THHN, Add* | *3.30* | |
| 26 05 33 13-0035 | CLF | 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,255.94 | 290.10 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *248.64* | |
| | | *For 2 #10 THWN Conductor Instead Of THHN, Add* | *3.29* | |
| 26 05 33 13-0036 | CLF | 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,359.30 | 314.72 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *269.74* | |
| | | *For 3 #10 THWN Conductor Instead Of THHN, Add* | *4.94* | |
| 26 05 33 13-0037 | CLF | 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor | 1,376.17 | 311.20 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *266.73* | |
| | | *For 2 #8 THWN Conductor Instead Of THHN, Add* | *5.75* | |
| 26 05 33 13-0038 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,336.21 | 298.13 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *255.51* | |
| | | *For 2 #12 THWN Conductor Instead Of THHN, Add* | *2.20* | |
| 26 05 33 13-0039 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,418.49 | 319.24 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *273.60* | |
| | | *For 3 #12 THWN Conductor Instead Of THHN, Add* | *3.30* | |
| 26 05 33 13-0040 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,500.75 | 340.34 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *291.69* | |
| 26 05 33 13-0041 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,388.45 | 308.68 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *264.56* | |
| | | *For 2 #10 THWN Conductor Instead Of THHN, Add* | *3.29* | |
| 26 05 33 13-0042 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,491.80 | 333.30 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *285.66* | |
| | | *For 3 #10 THWN Conductor Instead Of THHN, Add* | *4.94* | |
| 26 05 33 13-0043 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,595.16 | 357.92 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *306.76* | |
| | | *For 4 #10 THWN Conductor Instead Of THHN, Add* | *6.59* | |
| 26 05 33 13-0044 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor | 1,656.58 | 361.44 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *309.77* | |
| | | *For 3 #8 THWN Conductor Instead Of THHN, Add* | *8.62* | |
| 26 05 33 13-0045 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor | 1,804.49 | 393.10 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *336.90* | |
| | | *For 4 #8 THWN Conductor Instead Of THHN, Add* | *11.49* | |
| 26 05 33 13-0046 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor | 1,668.53 | 350.89 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *300.73* | |
| | | *For 2 #6 THWN Conductor Instead Of THHN, Add* | *9.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0047 | CLF | 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor | 1,874.07 | 389.58 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *333.89* | |
| | | *For 3 #6 THWN Conductor Instead Of THHN, Add* | *14.25* | |
| 26 05 33 13-0048 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,752.62 | 356.02 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *305.16* | |
| | | *For 3 #12 THWN Conductor Instead Of THHN, Add* | *3.30* | |
| 26 05 33 13-0049 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,834.88 | 377.12 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *323.25* | |
| 26 05 33 13-0050 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,917.14 | 398.22 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *341.33* | |
| | | *For 5 #12 THWN Conductor Instead Of THHN, Add* | *5.49* | |
| 26 05 33 13-0051 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,825.93 | 370.09 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *317.22* | |
| | | *For 3 #10 THWN Conductor Instead Of THHN, Add* | *4.94* | |
| 26 05 33 13-0052 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 1,929.29 | 394.70 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *338.32* | |
| | | *For 4 #10 THWN Conductor Instead Of THHN, Add* | *6.59* | |
| 26 05 33 13-0053 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor | 2,032.65 | 419.32 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *359.42* | |
| | | *For 5 #10 THWN Conductor Instead Of THHN, Add* | *8.24* | |
| 26 05 33 13-0054 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor | 1,990.71 | 398.22 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *341.33* | |
| | | *For 3 #8 THWN Conductor Instead Of THHN, Add* | *8.62* | |
| 26 05 33 13-0055 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor | 2,208.21 | 426.35 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *365.45* | |
| | | *For 3 #6 THWN Conductor Instead Of THHN, Add* | *14.25* | |
| 26 05 33 13-0056 | CLF | 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor | 2,413.76 | 465.04 |
| | | Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *398.61* | |
| | | *For 4 #6 THWN Conductor Instead Of THHN, Add* | *19.00* | |

### 26 05 33 13-0057 Conduit *(26 05 33 13)*

Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.

### 26 05 33 13-0058 Conduit Installed Above Grade *(26 05 33 13-0057)*

See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.

### 26 05 33 13-0059 Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

### 26 05 33 13-0060 Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling *(26 05 33 13-0059)*

Note: Includes field bending for conduit up to 1".

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0061 | LF | 1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 8.81 | 2.21 |
| | | *For >250 To 500, Deduct* | *-0.16* | |
| | | *For >500 To 1,000, Deduct* | *-0.52* | |
| | | *For >1,000, Deduct* | *-0.74* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.55* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.38* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.83* | |
| | | *For Work In Restricted Working Space, Add* | *1.66* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.11* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.21* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.77* | |
| | | *For Elevated Installation >40', Add* | *3.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0062 | LF | 3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 10.47 | 2.41 |
| | | *For >250 To 500, Deduct* | *-0.20* | |
| | | *For >500 To 1,000, Deduct* | *-0.62* | |
| | | *For >1,000, Deduct* | *-0.89* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.64* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.61* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.96* | |
| | | *For Work In Restricted Working Space, Add* | *1.93* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.25* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.22* | |
| | | *For Elevated Installation >40', Add* | *3.54* | |
| 26 05 33 13-0063 | LF | 1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 14.90 | 2.82 |
| | | *For >250 To 500, Deduct* | *-0.31* | |
| | | *For >500 To 1,000, Deduct* | *-0.90* | |
| | | *For >1,000, Deduct* | *-1.27* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.86* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.16* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.30* | |
| | | *For Work In Restricted Working Space, Add* | *2.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.86* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.02* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.32* | |
| | | *For Elevated Installation >40', Add* | *4.75* | |
| 26 05 33 13-0064 | LF | 1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 17.49 | 3.22 |
| | | *For >250 To 500, Deduct* | *-0.42* | |
| | | *For >500 To 1,000, Deduct* | *-1.08* | |
| | | *For >1,000, Deduct* | *-1.52* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.92* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.29* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.37* | |
| | | *For Work In Restricted Working Space, Add* | *2.75* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.66* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.58* | |
| | | *For Elevated Installation >40', Add* | *5.03* | |
| 26 05 33 13-0065 | LF | 1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 20.26 | 3.62 |
| | | *For >250 To 500, Deduct* | *-0.51* | |
| | | *For >500 To 1,000, Deduct* | *-1.27* | |
| | | *For >1,000, Deduct* | *-1.77* | |
| | | *For Installation In Metal Stud Wall, Add* | *1.01* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.51* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.51* | |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | *For Elevated Installation >40', Add* | *5.53* | |
| 26 05 33 13-0066 | LF | 2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 26.01 | 4.42 |
| | | *For >250 To 500, Deduct* | *-0.68* | |
| | | *For >500 To 1,000, Deduct* | *-1.64* | |
| | | *For >1,000, Deduct* | *-2.29* | |
| | | *For Installation In Metal Stud Wall, Add* | *1.24* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *3.09* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.85* | |
| | | *For Work In Restricted Working Space, Add* | *3.71* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.24* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.47* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.32* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.94* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.18* | |
| | | *For Elevated Installation >40', Add* | *6.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0067 | LF | 2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 39.42 | 6.03 |
| | | *For >250 To 500, Deduct* | *-1.13* | |
| | | *For >500 To 1,000, Deduct* | *-2.54* | |
| | | *For >1,000, Deduct* | *-3.52* | |
| | | *For Installation In Metal Stud Wall, Add* | *1.68* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *4.20* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *2.52* | |
| | | *For Work In Restricted Working Space, Add* | *5.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.68* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.36* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.20* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.71* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.39* | |
| | | *For Elevated Installation >40', Add* | *9.23* | |
| 26 05 33 13-0068 | LF | 3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 51.42 | 8.04 |
| | | *For >250 To 500, Deduct* | *-1.44* | |
| | | *For >500 To 1,000, Deduct* | *-3.29* | |
| | | *For >1,000, Deduct* | *-4.58* | |
| | | *For Installation In Metal Stud Wall, Add* | *2.26* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *5.65* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *3.39* | |
| | | *For Work In Restricted Working Space, Add* | *6.78* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.26* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.52* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.65* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.91* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.31* | |
| | | *For Elevated Installation >40', Add* | *12.44* | |
| 26 05 33 13-0069 | LF | 3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 61.98 | 10.05 |
| | | *For >250 To 500, Deduct* | *-1.76* | |
| | | *For >500 To 1,000, Deduct* | *-3.98* | |
| | | *For >1,000, Deduct* | *-5.53* | |
| | | *For Installation In Metal Stud Wall, Add* | *2.68* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *6.71* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *4.02* | |
| | | *For Work In Restricted Working Space, Add* | *8.05* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.68* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.71* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.39* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *13.42* | |
| | | *For Elevated Installation >40', Add* | *14.76* | |
| 26 05 33 13-0070 | LF | 4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 73.89 | 12.05 |
| | | *For >250 To 500, Deduct* | *-2.15* | |
| | | *For >500 To 1,000, Deduct* | *-4.77* | |
| | | *For >1,000, Deduct* | *-6.62* | |
| | | *For Installation In Metal Stud Wall, Add* | *3.10* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *7.74* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *4.64* | |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.10* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.19* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.74* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.48* | |
| | | *For Elevated Installation >40', Add* | *17.02* | |
| 26 05 33 13-0071 | LF | 5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 121.08 | 15.27 |
| | | *For >250 To 500, Deduct* | *-4.14* | |
| | | *For >500 To 1,000, Deduct* | *-8.13* | |
| | | *For >1,000, Deduct* | *-11.15* | |
| | | *For Installation In Metal Stud Wall, Add* | *3.82* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *9.55* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *5.73* | |
| | | *For Work In Restricted Working Space, Add* | *11.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.10* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0072 | LF | 6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling | 164.74 | 19.29 |
| | | *For >250 To 500, Deduct* | *-5.83* | |
| | | *For >500 To 1,000, Deduct* | *-11.15* | |
| | | *For >1,000, Deduct* | *-15.27* | |
| | | *For Installation In Metal Stud Wall, Add* | *4.82* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *12.06* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *7.24* | |
| | | *For Work In Restricted Working Space, Add* | *14.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.88* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.12* | |
| | | *For Elevated Installation >40', Add* | *26.53* | |

## 26 05 33 13-0073 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0074 | EA | 1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 28.53 | 9.95 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.24* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.73* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.98* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.48* | |
| | | *For Elevated Installation >40', Add* | *13.72* | |
| 26 05 33 13-0075 | EA | 3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 35.75 | 12.35 |
| | | *For Work In Restricted Working Space, Add* | *9.31* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.10* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.20* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.51* | |
| | | *For Elevated Installation >40', Add* | *17.06* | |
| 26 05 33 13-0076 | EA | 1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 45.10 | 15.17 |
| | | *For Work In Restricted Working Space, Add* | *11.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.78* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.57* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.46* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.24* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.92* | |
| | | *For Elevated Installation >40', Add* | *20.81* | |
| 26 05 33 13-0077 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 56.36 | 17.59 |
| | | *For Work In Restricted Working Space, Add* | *13.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.96* | |
| | | *For Elevated Installation >40', Add* | *24.16* | |
| 26 05 33 13-0078 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 65.24 | 20.20 |
| | | *For Work In Restricted Working Space, Add* | *15.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.60* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.21* | |
| | | *For Elevated Installation >40', Add* | *27.73* | |
| 26 05 33 13-0079 | EA | 2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 75.85 | 22.20 |
| | | *For Work In Restricted Working Space, Add* | *16.64* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.73* | |
| | | *For Elevated Installation >40', Add* | *30.50* | |
| 26 05 33 13-0080 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 105.66 | 27.74 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0081 | EA | 3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 148.53 | 37.79 |
| | | *For Work In Restricted Working Space, Add* | *28.33* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.89* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.05* | |
| | | *For Elevated Installation >30' To 35', Add* | *37.78* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.22* | |
| | | *For Elevated Installation >40', Add* | *51.94* | |
| 26 05 33 13-0082 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 191.09 | 42.61 |
| | | *For Work In Restricted Working Space, Add* | *31.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *21.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.63* | |
| | | *For Elevated Installation >25' To 30', Add* | *37.29* | |
| | | *For Elevated Installation >30' To 35', Add* | *42.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *53.27* | |
| | | *For Elevated Installation >40', Add* | *58.59* | |
| 26 05 33 13-0083 | EA | 4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 236.09 | 55.47 |
| | | *For Work In Restricted Working Space, Add* | *41.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.86* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.32* | |
| | | *For Elevated Installation >40', Add* | *76.25* | |
| 26 05 33 13-0084 | EA | 5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 386.00 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.36* | |
| 26 05 33 13-0085 | EA | 6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow | 580.21 | 135.86 |
| | | *For Work In Restricted Working Space, Add* | *101.88* | |
| | | *For Elevated Installation >10' To 15', Add* | *33.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *67.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *84.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *118.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *135.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *169.81* | |
| | | *For Elevated Installation >40', Add* | *186.79* | |

### 26 05 33 13-0086 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0087 | EA | 1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 28.53 | 9.95 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.24* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.73* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.98* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.48* | |
| | | *For Elevated Installation >40', Add* | *13.72* | |
| 26 05 33 13-0088 | EA | 3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 35.75 | 12.35 |
| | | *For Work In Restricted Working Space, Add* | *9.31* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.10* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.20* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.51* | |
| | | *For Elevated Installation >40', Add* | *17.06* | |
| 26 05 33 13-0089 | EA | 1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 45.10 | 15.17 |
| | | *For Work In Restricted Working Space, Add* | *11.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.78* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.57* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.46* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.24* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.92* | |
| | | *For Elevated Installation >40', Add* | *20.81* | |
| 26 05 33 13-0090 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 56.36 | 17.59 |
| | | *For Work In Restricted Working Space, Add* | *13.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.96* | |
| | | *For Elevated Installation >40', Add* | *24.16* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0091 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 65.24 | 20.20 |
| | | *For Work In Restricted Working Space, Add* | *15.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.60* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.21* | |
| | | *For Elevated Installation >40', Add* | *27.73* | |
| 26 05 33 13-0092 | EA | 2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 75.85 | 22.20 |
| | | *For Work In Restricted Working Space, Add* | *16.64* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.73* | |
| | | *For Elevated Installation >40', Add* | *30.50* | |
| 26 05 33 13-0093 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 104.19 | 27.74 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| 26 05 33 13-0094 | EA | 3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 142.79 | 37.79 |
| | | *For Work In Restricted Working Space, Add* | *28.33* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.89* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.05* | |
| | | *For Elevated Installation >30' To 35', Add* | *37.78* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.22* | |
| | | *For Elevated Installation >40', Add* | *51.94* | |
| 26 05 33 13-0095 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 183.01 | 42.61 |
| | | *For Work In Restricted Working Space, Add* | *31.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *21.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.63* | |
| | | *For Elevated Installation >25' To 30', Add* | *37.29* | |
| | | *For Elevated Installation >30' To 35', Add* | *42.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *53.27* | |
| | | *For Elevated Installation >40', Add* | *58.59* | |
| 26 05 33 13-0096 | EA | 4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 225.34 | 55.47 |
| | | *For Work In Restricted Working Space, Add* | *41.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.86* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.32* | |
| | | *For Elevated Installation >40', Add* | *76.25* | |
| 26 05 33 13-0097 | EA | 5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 386.00 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.36* | |
| 26 05 33 13-0098 | EA | 6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow | 580.21 | 135.86 |
| | | *For Work In Restricted Working Space, Add* | *101.88* | |
| | | *For Elevated Installation >10' To 15', Add* | *33.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *67.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *84.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *118.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *135.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *169.81* | |
| | | *For Elevated Installation >40', Add* | *186.79* | |

### 26 05 33 13-0099 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0100 | EA | 1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 66.96 | 24.82 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0101 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 77.25 | 28.74 |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| 26 05 33 13-0102 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 88.99 | 32.66 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0103 | EA | 2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 99.75 | 35.92 |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |

### 26 05 33 13-0104 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0105 | EA | 1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 71.45 | 24.82 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| 26 05 33 13-0106 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 83.02 | 28.74 |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| 26 05 33 13-0107 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 91.62 | 32.66 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0108 | EA | 2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 102.69 | 35.92 |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| 26 05 33 13-0109 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 134.88 | 45.07 |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| 26 05 33 13-0110 | EA | 3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 181.98 | 61.39 |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |

### 26 05 33 13-0111 Rigid Galvanized Steel (RGS) 18" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0112 | EA | 1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 71.66 | 24.82 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| 26 05 33 13-0113 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 82.45 | 28.74 |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| 26 05 33 13-0114 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 94.46 | 32.66 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0115 | EA | 2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 109.05 | 35.92 |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| 26 05 33 13-0116 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 140.81 | 45.07 |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| 26 05 33 13-0117 | EA | 3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 186.76 | 61.39 |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| 26 05 33 13-0118 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 228.89 | 69.23 |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| 26 05 33 13-0119 | EA | 4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 281.30 | 90.13 |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |

### 26 05 33 13-0120 Rigid Galvanized Steel (RGS) 24" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0121 | EA | 1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 78.82 | 24.82 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0122 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 89.47 | 28.74 |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| 26 05 33 13-0123 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 99.72 | 32.66 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0124 | EA | 2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 116.81 | 35.92 |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| 26 05 33 13-0125 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 151.39 | 45.07 |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| 26 05 33 13-0126 | EA | 3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 203.35 | 61.39 |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| 26 05 33 13-0127 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 245.02 | 69.23 |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| 26 05 33 13-0128 | EA | 4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 294.16 | 90.13 |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |

### 26 05 33 13-0129 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0130 | EA | 1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 78.39 | 24.82 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| 26 05 33 13-0131 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 94.70 | 28.74 |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0132 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 105.38 | 32.66 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0133 | EA | 2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 124.20 | 35.92 |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| 26 05 33 13-0134 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 161.54 | 45.07 |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| 26 05 33 13-0135 | EA | 3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 216.44 | 61.39 |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| 26 05 33 13-0136 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 260.96 | 69.23 |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| 26 05 33 13-0137 | EA | 4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 317.75 | 90.13 |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| 26 05 33 13-0138 | EA | 5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 470.51 | 146.96 |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |

### 26 05 33 13-0139 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0140 | EA | 1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 82.21 | 24.82 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| 26 05 33 13-0141 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 97.27 | 28.74 |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0142 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 115.29 | 32.66 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0143 | EA | 2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 129.97 | 35.92 |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| 26 05 33 13-0144 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 173.58 | 45.07 |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| 26 05 33 13-0145 | EA | 3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 227.64 | 61.39 |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| 26 05 33 13-0146 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 281.54 | 69.23 |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| 26 05 33 13-0147 | EA | 4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 328.85 | 90.13 |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| 26 05 33 13-0148 | EA | 5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 561.07 | 146.96 |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| 26 05 33 13-0149 | EA | 6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 735.02 | 220.77 |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |

### 26 05 33 13-0150 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0151 | EA | 1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 87.81 | 24.82 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0152 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 104.11 | 28.74 |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| 26 05 33 13-0153 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 122.56 | 32.66 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0154 | EA | 2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 137.57 | 35.92 |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| 26 05 33 13-0155 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 182.78 | 45.07 |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| 26 05 33 13-0156 | EA | 3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 244.05 | 61.39 |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| 26 05 33 13-0157 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 298.00 | 69.23 |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| 26 05 33 13-0158 | EA | 4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 376.21 | 90.13 |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| 26 05 33 13-0159 | EA | 5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 626.40 | 146.96 |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| 26 05 33 13-0160 | EA | 6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 791.59 | 220.77 |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |

26 05 33 13-0161 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2219 for conduit field bending.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0162 | EA | 1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 92.48 | 24.82 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| 26 05 33 13-0163 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 109.38 | 28.74 |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| 26 05 33 13-0164 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 127.16 | 32.66 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0165 | EA | 2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 151.78 | 35.92 |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| 26 05 33 13-0166 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 199.76 | 45.07 |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| 26 05 33 13-0167 | EA | 3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 260.59 | 61.39 |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| 26 05 33 13-0168 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 318.69 | 69.23 |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| 26 05 33 13-0169 | EA | 4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 401.34 | 90.13 |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| 26 05 33 13-0170 | EA | 5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 646.86 | 146.96 |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0171 | EA | 6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 803.04 | 220.77 |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |

## 26 05 33 13-0172 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0173 | EA | 1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 13.07 | 6.41 |
| | | *For Work In Restricted Working Space, Add* | *3.85* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.41* | |
| | | *For Elevated Installation >40', Add* | *7.05* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.85* | |
| 26 05 33 13-0174 | EA | 3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 14.00 | 6.83 |
| | | *For Work In Restricted Working Space, Add* | *4.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.37* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.42* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.78* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.47* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.84* | |
| | | *For Elevated Installation >40', Add* | *7.52* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.10* | |
| 26 05 33 13-0175 | EA | 1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 15.88 | 7.69 |
| | | *For Work In Restricted Working Space, Add* | *4.61* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.69* | |
| | | *For Elevated Installation >40', Add* | *8.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.61* | |
| 26 05 33 13-0176 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 17.81 | 8.54 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.83* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.54* | |
| | | *For Elevated Installation >40', Add* | *9.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.12* | |
| 26 05 33 13-0177 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 22.35 | 10.68 |
| | | *For Work In Restricted Working Space, Add* | *6.41* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.68* | |
| | | *For Elevated Installation >40', Add* | *11.74* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.41* | |
| 26 05 33 13-0178 | EA | 2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 27.48 | 12.82 |
| | | *For Work In Restricted Working Space, Add* | *7.69* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.56* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.97* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.81* | |
| | | *For Elevated Installation >40', Add* | *14.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.69* | |
| 26 05 33 13-0179 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 33.99 | 14.95 |
| | | *For Work In Restricted Working Space, Add* | *8.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.47* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.96* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.95* | |
| | | *For Elevated Installation >40', Add* | *16.44* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0180 | EA | 3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 38.50 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0181 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 44.45 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *11.53* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.84* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.45* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.22* | |
| | | *For Elevated Installation >40', Add* | *21.14* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.53* | |
| 26 05 33 13-0182 | EA | 4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 49.33 | 21.35 |
| | | *For Work In Restricted Working Space, Add* | *12.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.36* | |
| | | *For Elevated Installation >40', Add* | *23.49* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.81* | |
| 26 05 33 13-0183 | EA | 5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 58.27 | 23.49 |
| | | *For Work In Restricted Working Space, Add* | *14.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.75* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.44* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.49* | |
| | | *For Elevated Installation >40', Add* | *25.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.09* | |
| 26 05 33 13-0184 | EA | 6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing | 79.82 | 25.62 |
| | | *For Work In Restricted Working Space, Add* | *15.37* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.25* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.93* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.62* | |
| | | *For Elevated Installation >40', Add* | *28.18* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.37* | |

## 26 05 33 13-0185 Rigid Galvanized Steel (RGS) Steel Bushing *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0186 | EA | 1/2" Rigid Galvanized Steel (RGS) Steel Bushing | 15.70 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0187 | EA | 3/4" Rigid Galvanized Steel (RGS) Steel Bushing | 16.99 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.04* | |
| | | *For Elevated Installation >40', Add* | *8.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |
| 26 05 33 13-0188 | EA | 1" Rigid Galvanized Steel (RGS) Steel Bushing | 19.68 | 9.05 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0189 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing | 22.07 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.03* | |
| 26 05 33 13-0190 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing | 28.03 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0191 | EA | 2" Rigid Galvanized Steel (RGS) Steel Bushing | 33.27 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.04* | |
| 26 05 33 13-0192 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing | 44.99 | 17.59 |
| | | *For Work In Restricted Working Space, Add* | *10.55* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.07* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.59* | |
| | | *For Elevated Installation >40', Add* | *19.34* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.55* | |
| 26 05 33 13-0193 | EA | 3" Rigid Galvanized Steel (RGS) Steel Bushing | 53.08 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.06* | |
| 26 05 33 13-0194 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing | 75.33 | 22.61 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.57* | |
| 26 05 33 13-0195 | EA | 4" Rigid Galvanized Steel (RGS) Steel Bushing | 99.07 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0196 | EA | 5" Rigid Galvanized Steel (RGS) Steel Bushing | 129.32 | 27.64 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0197 | EA | 6" Rigid Galvanized Steel (RGS) Steel Bushing | 185.30 | 30.14 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.09* | |

## 26 05 33 13-0198 Rigid Galvanized Steel (RGS) Steel Insulated Bushing *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0199 | EA | 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 16.44 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0200 | EA | 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 18.10 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.04* | |
| | | *For Elevated Installation >40', Add* | *8.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |
| 26 05 33 13-0201 | EA | 1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 21.09 | 9.05 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |
| 26 05 33 13-0202 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 24.44 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.03* | |
| 26 05 33 13-0203 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 30.50 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0204 | EA | 2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 37.65 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.04* | |
| 26 05 33 13-0205 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 50.94 | 17.59 |
| | | *For Work In Restricted Working Space, Add* | *10.55* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.07* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.59* | |
| | | *For Elevated Installation >40', Add* | *19.34* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0206 | EA | 3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 60.05 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.06* | |
| 26 05 33 13-0207 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 76.63 | 22.61 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.57* | |
| 26 05 33 13-0208 | EA | 4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 104.88 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0209 | EA | 5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 135.66 | 27.64 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-0210 | EA | 6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing | 187.53 | 30.14 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.09* | |

## 26 05 33 13-0211 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0212 | EA | 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 23.61 | 9.05 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |
| 26 05 33 13-0213 | EA | 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 26.40 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.03* | |
| 26 05 33 13-0214 | EA | 1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 29.95 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0215 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 35.28 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0216 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 42.88 | 15.57 |
| | | *For Work In Restricted Working Space, Add* | *9.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.23* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.90* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.58* | |
| | | *For Elevated Installation >40', Add* | *17.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.35* | |
| 26 05 33 13-0217 | EA | 2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 53.48 | 18.59 |
| | | *For Work In Restricted Working Space, Add* | *11.15* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.30* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.01* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.87* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.59* | |
| | | *For Elevated Installation >40', Add* | *20.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.15* | |
| 26 05 33 13-0218 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 69.83 | 21.60 |
| | | *For Work In Restricted Working Space, Add* | *12.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.32* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.80* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.61* | |
| | | *For Elevated Installation >40', Add* | *23.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.96* | |
| 26 05 33 13-0219 | EA | 3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 77.70 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0220 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 87.72 | 28.14 |
| | | *For Work In Restricted Working Space, Add* | *16.88* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.63* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.25* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.51* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.14* | |
| | | *For Elevated Installation >40', Add* | *30.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.88* | |
| 26 05 33 13-0221 | EA | 4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 110.45 | 31.15 |
| | | *For Work In Restricted Working Space, Add* | *18.69* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.15* | |
| | | *For Elevated Installation >40', Add* | *34.27* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.69* | |
| 26 05 33 13-0222 | EA | 5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 151.20 | 34.17 |
| | | *For Work In Restricted Working Space, Add* | *20.50* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.83* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.67* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.08* | |
| | | *For Elevated Installation >25' To 30', Add* | *23.92* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.33* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.17* | |
| | | *For Elevated Installation >40', Add* | *37.58* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0223 | EA | 6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing | 203.10 | 37.69 |
| | | *For Work In Restricted Working Space, Add* | *22.61* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *15.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *26.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *30.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *37.68* | |
| | | *For Elevated Installation >40', Add* | *41.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.61* | |

## 26 05 33 13-0224 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0225 | EA | 1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw | 16.73 | 4.62 |
| | | *For Work In Restricted Working Space, Add* | *3.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.01* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.59* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.74* | |
| | | *For Elevated Installation >40', Add* | *6.31* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.44* | |
| 26 05 33 13-0226 | EA | 3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw | 20.58 | 5.32 |
| | | *For Work In Restricted Working Space, Add* | *3.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.32* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.64* | |
| | | *For Elevated Installation >40', Add* | *7.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.98* | |
| 26 05 33 13-0227 | EA | 1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw | 27.64 | 6.43 |
| | | *For Work In Restricted Working Space, Add* | *4.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.20* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.00* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.60* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.40* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.00* | |
| | | *For Elevated Installation >40', Add* | *8.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.80* | |
| 26 05 33 13-0228 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 42.73 | 7.94 |
| | | *For Work In Restricted Working Space, Add* | *5.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.97* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.96* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.96* | |
| | | *For Elevated Installation >40', Add* | *10.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.97* | |
| 26 05 33 13-0229 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 58.00 | 10.65 |
| | | *For Work In Restricted Working Space, Add* | *8.00* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.67* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.33* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.66* | |
| | | *For Elevated Installation >35' To 40', Add* | *13.33* | |
| | | *For Elevated Installation >40', Add* | *14.66* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.00* | |
| 26 05 33 13-0230 | EA | 2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 101.39 | 15.97 |
| | | *For Work In Restricted Working Space, Add* | *11.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.97* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.97* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.96* | |
| | | *For Elevated Installation >40', Add* | *21.96* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.98* | |
| 26 05 33 13-0231 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 196.33 | 17.69 |
| | | *For Work In Restricted Working Space, Add* | *13.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.84* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.68* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.11* | |
| | | *For Elevated Installation >40', Add* | *24.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0232 | EA | 3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 233.61 | 21.40 |
| | | *For Work In Restricted Working Space, Add* | *16.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.36* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.71* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.39* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.42* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.78* | |
| | | *For Elevated Installation >40', Add* | *29.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.07* | |
| 26 05 33 13-0233 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 318.51 | 26.83 |
| | | *For Work In Restricted Working Space, Add* | *20.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *23.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *33.52* | |
| | | *For Elevated Installation >40', Add* | *36.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.11* | |
| 26 05 33 13-0234 | EA | 4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 372.20 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-0235 | EA | 5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 679.19 | 35.77 |
| | | *For Work In Restricted Working Space, Add* | *26.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *17.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *35.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *44.67* | |
| | | *For Elevated Installation >40', Add* | *49.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.80* | |
| 26 05 33 13-0236 | EA | 6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw | 814.50 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.23* | |
| | | *For Elevated Installation >40', Add* | *55.25* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.14* | |

## 26 05 33 13-0237 Rigid Galvanized Steel (RGS) Nipples *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0238 | EA | 1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple | 14.83 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0239 | EA | 3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple | 17.05 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0240 | EA | 1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple | 21.85 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0241 | EA | 1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple | 25.61 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0242 | EA | 1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple | 29.28 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0243 | EA | 1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 14.97 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0244 | EA | 3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 17.27 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0245 | EA | 1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 22.09 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0246 | EA | 1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 25.95 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0247 | EA | 1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 29.81 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0248 | EA | 2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 33.81 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.04* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.48* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0249 | EA | 1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple | 15.12 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0250 | EA | 3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple | 17.47 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0251 | EA | 1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple | 22.43 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0252 | EA | 1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple | 26.24 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0253 | EA | 1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple | 30.17 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0254 | EA | 2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple | 34.69 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.47* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-0255 | EA | 2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple | 47.72 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0256 | EA | 3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple | 63.87 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.61* | |
| | | *For Elevated Installation >40', Add* | *25.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0257 | EA | 1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 15.32 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0258 | EA | 3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 17.57 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0259 | EA | 1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 22.88 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0260 | EA | 1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 26.81 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0261 | EA | 1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 30.93 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0262 | EA | 2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple | 35.60 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.47* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-0263 | EA | 2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 50.18 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0264 | EA | 3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple | 66.01 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.61* | |
| | | *For Elevated Installation >40', Add* | *25.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0265 | EA | 1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 15.51 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0266 | EA | 3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 17.91 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0267 | EA | 1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 23.16 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0268 | EA | 1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 27.09 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0269 | EA | 1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 31.44 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0270 | EA | 2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 36.38 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.47* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-0271 | EA | 2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 50.94 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0272 | EA | 3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 67.59 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.61* | |
| | | *For Elevated Installation >40', Add* | *25.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0273 | EA | 3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 78.04 | 26.62 |
| | | *For Work In Restricted Working Space, Add* | *15.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.63* | |
| | | *For Elevated Installation >40', Add* | *29.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-0274 | EA | 4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple | 97.16 | 34.67 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-0275 | EA | 1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 15.80 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0276 | EA | 3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 18.33 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0277 | EA | 1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 23.70 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0278 | EA | 1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 27.88 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0279 | EA | 1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 32.21 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0280 | EA | 2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 37.75 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.47* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0281 | EA | 2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 53.99 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0282 | EA | 3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 70.90 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.61* | |
| | | *For Elevated Installation >40', Add* | *25.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-0283 | EA | 3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 81.33 | 26.62 |
| | | *For Work In Restricted Working Space, Add* | *15.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.63* | |
| | | *For Elevated Installation >40', Add* | *29.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-0284 | EA | 4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 101.97 | 34.67 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-0285 | EA | 5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 158.81 | 47.73 |
| | | *For Work In Restricted Working Space, Add* | *28.64* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.73* | |
| | | *For Elevated Installation >40', Add* | *52.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-0286 | EA | 6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple | 201.42 | 61.19 |
| | | *For Work In Restricted Working Space, Add* | *36.74* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.25* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.49* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.24* | |
| | | *For Elevated Installation >40', Add* | *67.36* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.74* | |
| 26 05 33 13-0287 | EA | 1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 16.33 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0288 | EA | 3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 18.88 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0289 | EA | 1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 24.13 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0290 | EA | 1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 28.60 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0291 | EA | 1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 33.84 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0292 | EA | 2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 39.13 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.47* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-0293 | EA | 2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 56.66 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0294 | EA | 3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 74.26 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.61* | |
| | | *For Elevated Installation >40', Add* | *25.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-0295 | EA | 3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 85.34 | 26.62 |
| | | *For Work In Restricted Working Space, Add* | *15.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.63* | |
| | | *For Elevated Installation >40', Add* | *29.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-0296 | EA | 4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 105.78 | 34.67 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0297 | EA | 5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 164.39 | 47.73 |
| | | *For Work In Restricted Working Space, Add* | *28.64* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.73* | |
| | | *For Elevated Installation >40', Add* | *52.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-0298 | EA | 6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple | 209.59 | 61.19 |
| | | *For Work In Restricted Working Space, Add* | *36.74* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.25* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.49* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.24* | |
| | | *For Elevated Installation >40', Add* | *67.36* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.74* | |
| 26 05 33 13-0299 | EA | 1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 18.26 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0300 | EA | 3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 21.35 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0301 | EA | 1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 27.04 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0302 | EA | 1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 32.75 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0303 | EA | 1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 38.46 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0304 | EA | 2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 44.00 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.47* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0305 | EA | 2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 63.76 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0306 | EA | 3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 82.40 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.61* | |
| | | *For Elevated Installation >40', Add* | *25.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-0307 | EA | 3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 93.46 | 26.62 |
| | | *For Work In Restricted Working Space, Add* | *15.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.63* | |
| | | *For Elevated Installation >40', Add* | *29.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-0308 | EA | 4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 114.75 | 34.67 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-0309 | EA | 5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 177.33 | 47.73 |
| | | *For Work In Restricted Working Space, Add* | *28.64* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.73* | |
| | | *For Elevated Installation >40', Add* | *52.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-0310 | EA | 6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple | 224.12 | 61.19 |
| | | *For Work In Restricted Working Space, Add* | *36.74* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.25* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.49* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.24* | |
| | | *For Elevated Installation >40', Add* | *67.36* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.74* | |
| 26 05 33 13-0311 | EA | 1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 19.56 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0312 | EA | 3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 22.61 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0313 | EA | 1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 29.36 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0314 | EA | 1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 35.50 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0315 | EA | 1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 41.16 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0316 | EA | 2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 47.14 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.47* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-0317 | EA | 2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 68.52 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0318 | EA | 3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 88.80 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.61* | |
| | | *For Elevated Installation >40', Add* | *25.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-0319 | EA | 3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 101.89 | 26.62 |
| | | *For Work In Restricted Working Space, Add* | *15.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.63* | |
| | | *For Elevated Installation >40', Add* | *29.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-0320 | EA | 4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 125.43 | 34.67 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0321 | EA | 5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 191.45 | 47.73 |
| | | *For Work In Restricted Working Space, Add* | *28.64* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.73* | |
| | | *For Elevated Installation >40', Add* | *52.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-0322 | EA | 6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple | 249.52 | 61.19 |
| | | *For Work In Restricted Working Space, Add* | *36.74* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.25* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.49* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.24* | |
| | | *For Elevated Installation >40', Add* | *67.36* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.74* | |
| 26 05 33 13-0323 | EA | 1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 20.56 | 6.53 |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0324 | EA | 3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 23.55 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0325 | EA | 1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 30.75 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0326 | EA | 1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 37.70 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-0327 | EA | 1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 42.52 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0328 | EA | 2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 49.78 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.47* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0329 | EA | 2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 74.13 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-0330 | EA | 3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 97.71 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.61* | |
| | | *For Elevated Installation >40', Add* | *25.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-0331 | EA | 3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 110.10 | 26.62 |
| | | *For Work In Restricted Working Space, Add* | *15.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.63* | |
| | | *For Elevated Installation >40', Add* | *29.29* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-0332 | EA | 4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 136.12 | 34.67 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-0333 | EA | 5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 211.73 | 47.73 |
| | | *For Work In Restricted Working Space, Add* | *28.64* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.73* | |
| | | *For Elevated Installation >40', Add* | *52.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-0334 | EA | 6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple | 263.63 | 61.19 |
| | | *For Work In Restricted Working Space, Add* | *36.74* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.25* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.49* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.24* | |
| | | *For Elevated Installation >40', Add* | *67.36* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.74* | |

## 26 05 33 13-0335 Rigid Galvanized Steel (RGS) Off-Set Nipples *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0336 | EA | 1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple | 15.97 | 5.22 |
| | | *For Work In Restricted Working Space, Add* | *3.95* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.32* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.61* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.58* | |
| | | *For Elevated Installation >40', Add* | *7.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.95* | |
| 26 05 33 13-0337 | EA | 3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple | 19.28 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.75* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.25* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.00* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.50* | |
| | | *For Elevated Installation >40', Add* | *8.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0338 | EA | 1" Rigid Galvanized Steel (RGS) Off-Set Nipple | 24.07 | 7.64 |
| | | *For Work In Restricted Working Space, Add* | *5.75* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.71* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.59* | |
| | | *For Elevated Installation >40', Add* | *10.54* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.75* | |
| 26 05 33 13-0339 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated | 30.88 | 9.15 |
| | | *For Work In Restricted Working Space, Add* | *6.89* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.30* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.74* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.49* | |
| | | *For Elevated Installation >40', Add* | *12.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.89* | |
| 26 05 33 13-0340 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated | 33.82 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.57* | |
| | | *For Elevated Installation >40', Add* | *13.83* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0341 | EA | 2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated | 44.76 | 12.35 |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.10* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.19* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.74* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.84* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.49* | |
| | | *For Elevated Installation >40', Add* | *17.03* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.29* | |
| 26 05 33 13-0342 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated | 73.22 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0343 | EA | 3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated | 121.51 | 27.74 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-0344 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated | 151.90 | 32.76 |
| | | *For Work In Restricted Working Space, Add* | *24.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.36* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.50* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.58* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.72* | |
| | | *For Elevated Installation >40', Add* | *44.79* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.43* | |
| 26 05 33 13-0345 | EA | 4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated | 183.10 | 37.79 |
| | | *For Work In Restricted Working Space, Add* | *28.34* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.89* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *37.78* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.23* | |
| | | *For Elevated Installation >40', Add* | *51.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.34* | |

26 05 33 13-0346 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling *(26 05 33 13-0059)*
Note: Erickson fittings.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0347 | EA | 1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 41.96 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.08* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.12* | |
| | | *For Elevated Installation >40', Add* | *22.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.07* | |
| 26 05 33 13-0348 | EA | 3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 47.12 | 17.99 |
| | | *For Work In Restricted Working Space, Add* | *13.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.49* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.23* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.96* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.46* | |
| | | *For Elevated Installation >40', Add* | *24.70* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.47* | |
| 26 05 33 13-0349 | EA | 1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 54.11 | 20.00 |
| | | *For Work In Restricted Working Space, Add* | *15.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.00* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.51* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.02* | |
| | | *For Elevated Installation >40', Add* | *27.52* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.01* | |
| 26 05 33 13-0350 | EA | 1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 63.43 | 21.90 |
| | | *For Work In Restricted Working Space, Add* | *16.42* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.47* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.95* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.69* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.90* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.37* | |
| | | *For Elevated Installation >40', Add* | *30.11* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.42* | |
| 26 05 33 13-0351 | EA | 1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 70.32 | 23.92 |
| | | *For Work In Restricted Working Space, Add* | *17.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.97* | |
| | | *For Elevated Installation >30' To 35', Add* | *23.96* | |
| | | *For Elevated Installation >35' To 40', Add* | *29.95* | |
| | | *For Elevated Installation >40', Add* | *32.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.97* | |
| 26 05 33 13-0352 | EA | 2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 85.73 | 25.92 |
| | | *For Work In Restricted Working Space, Add* | *19.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.49* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.97* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.70* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.94* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.43* | |
| | | *For Elevated Installation >40', Add* | *35.67* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.46* | |
| 26 05 33 13-0353 | EA | 2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 128.71 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-0354 | EA | 3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 173.84 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0355 | EA | 3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 242.82 | 48.24 |
| | | *For Work In Restricted Working Space, Add* | *36.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.32* | |
| | | *For Elevated Installation >40', Add* | *66.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.19* | |
| 26 05 33 13-0356 | EA | 4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 274.31 | 52.26 |
| | | *For Work In Restricted Working Space, Add* | *39.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *26.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *32.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *45.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *52.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *65.31* | |
| | | *For Elevated Installation >40', Add* | *71.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.19* | |
| 26 05 33 13-0357 | EA | 5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 455.66 | 64.31 |
| | | *For Work In Restricted Working Space, Add* | *48.23* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.15* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.38* | |
| | | *For Elevated Installation >40', Add* | *88.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *48.23* | |
| 26 05 33 13-0358 | EA | 6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) | 578.96 | 74.36 |
| | | *For Work In Restricted Working Space, Add* | *55.76* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.59* | |
| | | *For Elevated Installation >15' To 20', Add* | *37.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *46.47* | |
| | | *For Elevated Installation >25' To 30', Add* | *65.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *74.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *92.94* | |
| | | *For Elevated Installation >40', Add* | *102.23* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *55.76* | |

## 26 05 33 13-0359 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0360 | EA | 1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 27.63 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| 26 05 33 13-0361 | EA | 3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 31.01 | 8.84 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.06* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| 26 05 33 13-0362 | EA | 1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 35.72 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| 26 05 33 13-0363 | EA | 1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 41.12 | 10.85 |
| | | *For Work In Restricted Working Space, Add* | *8.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.43* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.50* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.85* | |
| | | *For Elevated Installation >35' To 40', Add* | *13.57* | |
| | | *For Elevated Installation >40', Add* | *14.92* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0364 | EA | 1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 49.64 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0365 | EA | 2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 61.99 | 13.27 |
| | | *For Work In Restricted Working Space, Add* | *9.95* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.32* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.61* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.58* | |
| | | *For Elevated Installation >40', Add* | *18.24* | |
| 26 05 33 13-0366 | EA | 2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 86.41 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| 26 05 33 13-0367 | EA | 3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 106.63 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| 26 05 33 13-0368 | EA | 3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 128.13 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0369 | EA | 4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector | 145.87 | 26.12 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |

## 26 05 33 13-0370 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0371 | EA | 1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 21.13 | 9.05 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |
| 26 05 33 13-0372 | EA | 3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 23.53 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.03* | |
| 26 05 33 13-0373 | EA | 1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 29.14 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0374 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 35.60 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.04* | |
| 26 05 33 13-0375 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 46.19 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.06* | |
| 26 05 33 13-0376 | EA | 2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 53.24 | 22.61 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.57* | |
| 26 05 33 13-0377 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 63.86 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0378 | EA | 3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 84.65 | 31.65 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.66* | |
| | | *For Elevated Installation >40', Add* | *34.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.99* | |
| 26 05 33 13-0379 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 100.87 | 38.19 |
| | | *For Work In Restricted Working Space, Add* | *22.91* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *15.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *19.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *26.73* | |
| | | *For Elevated Installation >30' To 35', Add* | *30.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *38.18* | |
| | | *For Elevated Installation >40', Add* | *42.00* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.91* | |
| 26 05 33 13-0380 | EA | 4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs | 122.74 | 45.22 |
| | | *For Work In Restricted Working Space, Add* | *27.13* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.22* | |
| | | *For Elevated Installation >40', Add* | *49.74* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.13* | |

26 05 33 13-0381 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0059)*
Note: Type AX

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0382 | EA | 1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 111.20 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.11* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0383 | EA | 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 126.27 | 18.09 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| 26 05 33 13-0384 | EA | 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 149.96 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.59* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.13* | |
| | | *For Elevated Installation >40', Add* | *27.64* | |
| 26 05 33 13-0385 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 184.42 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.64* | |
| | | *For Elevated Installation >40', Add* | *30.40* | |
| 26 05 33 13-0386 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 232.89 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0387 | EA | 2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 324.21 | 26.12 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0388 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 498.89 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| 26 05 33 13-0389 | EA | 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 639.51 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| 26 05 33 13-0390 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 936.86 | 48.24 |
| | | *For Work In Restricted Working Space, Add* | *36.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.30* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |
| 26 05 33 13-0391 | EA | 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 998.43 | 52.26 |
| | | *For Work In Restricted Working Space, Add* | *39.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *26.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *32.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *45.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *52.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *65.31* | |
| | | *For Elevated Installation >40', Add* | *71.84* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0392 | EA | 5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 1,534.22 | 64.31 |
| | | *For Work In Restricted Working Space, Add* | *48.23* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.16* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.20* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.39* | |
| | | *For Elevated Installation >40', Add* | *88.43* | |
| 26 05 33 13-0393 | EA | 6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement | 1,887.05 | 71.34 |
| | | *For Work In Restricted Working Space, Add* | *53.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *62.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *71.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *89.23* | |
| | | *For Elevated Installation >40', Add* | *98.15* | |

### 26 05 33 13-0394 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0059)*

Note: Type AX-8

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0395 | EA | 1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 123.06 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.11* | |
| 26 05 33 13-0396 | EA | 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 136.78 | 18.09 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| 26 05 33 13-0397 | EA | 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 166.46 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.59* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.13* | |
| | | *For Elevated Installation >40', Add* | *27.64* | |
| 26 05 33 13-0398 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 210.41 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.64* | |
| | | *For Elevated Installation >40', Add* | *30.40* | |
| 26 05 33 13-0399 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 284.53 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0400 | EA | 2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 348.88 | 26.12 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0401 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 658.85 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0402 | EA | 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 748.74 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| 26 05 33 13-0403 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 1,152.71 | 48.24 |
| | | *For Work In Restricted Working Space, Add* | *36.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.30* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |
| 26 05 33 13-0404 | EA | 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 1,247.92 | 52.26 |
| | | *For Work In Restricted Working Space, Add* | *39.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *26.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *32.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *45.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *52.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *65.31* | |
| | | *For Elevated Installation >40', Add* | *71.84* | |
| 26 05 33 13-0405 | EA | 5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 1,744.52 | 64.31 |
| | | *For Work In Restricted Working Space, Add* | *48.23* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.16* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.20* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.39* | |
| | | *For Elevated Installation >40', Add* | *88.43* | |
| 26 05 33 13-0406 | EA | 6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement | 2,157.62 | 71.34 |
| | | *For Work In Restricted Working Space, Add* | *53.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *62.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *71.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *89.23* | |
| | | *For Elevated Installation >40', Add* | *98.15* | |

### 26 05 33 13-0407 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0059)*

Note: Type EX

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0408 | EA | 1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 140.44 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.11* | |
| 26 05 33 13-0409 | EA | 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 177.74 | 18.09 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| 26 05 33 13-0410 | EA | 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 221.79 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.59* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.13* | |
| | | *For Elevated Installation >40', Add* | *27.64* | |
| 26 05 33 13-0411 | EA | 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 270.32 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.64* | |
| | | *For Elevated Installation >40', Add* | *30.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0412 | EA | 1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 365.65 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0413 | EA | 2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 505.64 | 26.12 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0414 | EA | 2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 787.92 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| 26 05 33 13-0415 | EA | 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 1,062.97 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| 26 05 33 13-0416 | EA | 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 1,599.66 | 48.24 |
| | | *For Work In Restricted Working Space, Add* | *36.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.30* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |
| 26 05 33 13-0417 | EA | 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 1,655.02 | 52.26 |
| | | *For Work In Restricted Working Space, Add* | *39.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *26.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *32.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *45.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *52.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *65.31* | |
| | | *For Elevated Installation >40', Add* | *71.84* | |
| 26 05 33 13-0418 | EA | 5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 2,494.95 | 64.31 |
| | | *For Work In Restricted Working Space, Add* | *48.23* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.16* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.20* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.39* | |
| | | *For Elevated Installation >40', Add* | *88.43* | |
| 26 05 33 13-0419 | EA | 6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement | 3,095.42 | 71.34 |
| | | *For Work In Restricted Working Space, Add* | *53.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *62.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *71.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *89.23* | |
| | | *For Elevated Installation >40', Add* | *98.15* | |

### 26 05 33 13-0420 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0059)*

Note: Type DX

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0421 | EA | 1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 247.56 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.11* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0422 | EA | 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 295.21 | 18.09 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| 26 05 33 13-0423 | EA | 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 357.35 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.59* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.13* | |
| | | *For Elevated Installation >40', Add* | *27.64* | |
| 26 05 33 13-0424 | EA | 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 420.53 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.64* | |
| | | *For Elevated Installation >40', Add* | *30.40* | |
| 26 05 33 13-0425 | EA | 1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 465.13 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0426 | EA | 2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 575.89 | 26.12 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0427 | EA | 2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 761.83 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| 26 05 33 13-0428 | EA | 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 966.32 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| 26 05 33 13-0429 | EA | 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 1,086.45 | 48.24 |
| | | *For Work In Restricted Working Space, Add* | *36.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.30* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |
| 26 05 33 13-0430 | EA | 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 1,319.22 | 52.26 |
| | | *For Work In Restricted Working Space, Add* | *39.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *26.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *32.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *45.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *52.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *65.31* | |
| | | *For Elevated Installation >40', Add* | *71.84* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0431 | EA | 5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 2,263.39 | 64.31 |
| | | *For Work In Restricted Working Space, Add* | *48.23* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.16* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.20* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.39* | |
| | | *For Elevated Installation >40', Add* | *88.43* | |
| 26 05 33 13-0432 | EA | 6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting | 3,607.52 | 71.34 |
| | | *For Work In Restricted Working Space, Add* | *53.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *62.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *71.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *89.23* | |
| | | *For Elevated Installation >40', Add* | *98.15* | |

## 26 05 33 13-0433 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0434 | EA | 1/2" To 3/4" Conduit, 14" Bonding Jumper | 62.85 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| 26 05 33 13-0435 | EA | 1" To 1-1/4" Conduit, 14" Bonding Jumper | 72.19 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| 26 05 33 13-0436 | EA | 1-1/2" To 2" Conduit, 14" Bonding Jumper | 89.09 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0437 | EA | 2-1/2" To 3" Conduit, 14" Bonding Jumper | 125.38 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| 26 05 33 13-0438 | EA | 3-1/2" To 4" Conduit, 14" Bonding Jumper | 190.03 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.08* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.17* | |
| 26 05 33 13-0439 | EA | 5" To 6" Conduit, 14" Bonding Jumper | 326.86 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| 26 05 33 13-0440 | EA | 1/2" To 3/4" Conduit, 24" Bonding Jumper | 70.17 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0441 | EA | 1" To 1-1/4" Conduit, 24" Bonding Jumper | 81.44 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| 26 05 33 13-0442 | EA | 1-1/2" To 2" Conduit, 24" Bonding Jumper | 97.56 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0443 | EA | 2-1/2" To 3" Conduit, 24" Bonding Jumper | 136.63 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| 26 05 33 13-0444 | EA | 3-1/2" To 4" Conduit, 24" Bonding Jumper | 204.96 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.08* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.17* | |
| 26 05 33 13-0445 | EA | 5" To 6" Conduit, 24" Bonding Jumper | 375.00 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |

## 26 05 33 13-0446 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0447 | EA | 1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 102.45 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0448 | EA | 3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 121.61 | 30.14 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.09* | |
| 26 05 33 13-0449 | EA | 1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 149.14 | 35.17 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.10* | |
| 26 05 33 13-0450 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 176.08 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0451 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 234.51 | 45.22 |
| | | *For Work In Restricted Working Space, Add* | *27.13* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.22* | |
| | | *For Elevated Installation >40', Add* | *49.74* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.13* | |
| 26 05 33 13-0452 | EA | 2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 287.15 | 50.24 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.14* | |
| 26 05 33 13-0453 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal | 410.61 | 60.29 |
| | | *For Work In Restricted Working Space, Add* | *36.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.29* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.17* | |
| 26 05 33 13-0454 | EA | 3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 494.95 | 70.34 |
| | | *For Work In Restricted Working Space, Add* | *42.20* | |
| | | *For Elevated Installation >10' To 15', Add* | *14.07* | |
| | | *For Elevated Installation >15' To 20', Add* | *28.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *35.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *49.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *56.27* | |
| | | *For Elevated Installation >35' To 40', Add* | *70.34* | |
| | | *For Elevated Installation >40', Add* | *77.37* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *42.20* | |
| 26 05 33 13-0455 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 1,182.55 | 80.38 |
| | | *For Work In Restricted Working Space, Add* | *48.23* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.16* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.20* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.39* | |
| | | *For Elevated Installation >40', Add* | *88.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *48.23* | |
| 26 05 33 13-0456 | EA | 4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal | 1,363.42 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *54.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.44* | |
| | | *For Elevated Installation >40', Add* | *99.48* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.26* | |

## 26 05 33 13-0457 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0458 | EA | 1/2" Rigid Galvanized Steel (RGS) Threaded Coupling | 12.95 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| 26 05 33 13-0459 | EA | 3/4" Rigid Galvanized Steel (RGS) Threaded Coupling | 18.21 | 8.54 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.83* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.54* | |
| | | *For Elevated Installation >40', Add* | *9.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0460 | EA | 1" Rigid Galvanized Steel (RGS) Threaded Coupling | 23.82 | 11.05 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| 26 05 33 13-0461 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling | 27.30 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| 26 05 33 13-0462 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling | 32.86 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0463 | EA | 2" Rigid Galvanized Steel (RGS) Threaded Coupling | 38.23 | 17.08 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| 26 05 33 13-0464 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling | 47.31 | 19.09 |
| | | *For Work In Restricted Working Space, Add* | *11.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.10* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |
| 26 05 33 13-0465 | EA | 3" Rigid Galvanized Steel (RGS) Threaded Coupling | 55.06 | 21.60 |
| | | *For Work In Restricted Working Space, Add* | *12.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.32* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.80* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.61* | |
| | | *For Elevated Installation >40', Add* | *23.77* | |
| 26 05 33 13-0466 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling | 63.24 | 23.62 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.45* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.62* | |
| | | *For Elevated Installation >40', Add* | *25.98* | |
| 26 05 33 13-0467 | EA | 4" Threaded Rigid Galvanized Steel (RGS) Coupling | 66.92 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |

### 26 05 33 13-0468 Rigid Galvanized Steel (RGS) Sealing Locknut *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0469 | EA | 1/2" Rigid Galvanized Steel (RGS) Sealing Locknut | 2.81 | 1.00 |
| 26 05 33 13-0470 | EA | 3/4" Rigid Galvanized Steel (RGS) Sealing Locknut | 3.94 | 1.50 |
| 26 05 33 13-0471 | EA | 1" Rigid Galvanized Steel (RGS) Sealing Locknut | 6.54 | 2.52 |
| 26 05 33 13-0472 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut | 9.40 | 3.52 |
| 26 05 33 13-0473 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut | 11.17 | 4.02 |
| 26 05 33 13-0474 | EA | 2" Rigid Galvanized Steel (RGS) Sealing Locknut | 13.03 | 4.52 |

### 26 05 33 13-0475 Rigid Galvanized Steel (RGS) Fire Stop Fittings *(26 05 33 13-0059)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0476 | EA | 1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 238.49 | 12.19 |
| | | *For Work In Restricted Working Space, Add* | *9.15* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.67* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.25* | |
| | | *For Elevated Installation >40', Add* | *16.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.15* | |
| 26 05 33 13-0477 | EA | 3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 241.43 | 13.37 |
| | | *For Work In Restricted Working Space, Add* | *10.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.36* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.70* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.37* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.72* | |
| | | *For Elevated Installation >40', Add* | *18.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.03* | |
| 26 05 33 13-0478 | EA | 1" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 291.18 | 14.67 |
| | | *For Work In Restricted Working Space, Add* | *10.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.32* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.31* | |
| | | *For Elevated Installation >40', Add* | *20.14* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.98* | |
| 26 05 33 13-0479 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 319.64 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.08* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.12* | |
| | | *For Elevated Installation >40', Add* | *22.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.07* | |
| 26 05 33 13-0480 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 364.99 | 18.09 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.57* | |
| 26 05 33 13-0481 | EA | 2" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 546.99 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.57* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.59* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.14* | |
| | | *For Elevated Installation >40', Add* | *27.65* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.08* | |
| 26 05 33 13-0482 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 625.84 | 26.83 |
| | | *For Work In Restricted Working Space, Add* | *20.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *23.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *33.52* | |
| | | *For Elevated Installation >40', Add* | *36.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.11* | |
| 26 05 33 13-0483 | EA | 3" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 694.56 | 29.44 |
| | | *For Work In Restricted Working Space, Add* | *22.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.37* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.42* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.78* | |
| | | *For Elevated Installation >30' To 35', Add* | *29.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *36.83* | |
| | | *For Elevated Installation >40', Add* | *40.51* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0484 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 809.96 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.20* | |
| | | *For Elevated Installation >40', Add* | *44.22* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.12* | |
| 26 05 33 13-0485 | EA | 4" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 913.13 | 36.17 |
| | | *For Work In Restricted Working Space, Add* | *27.13* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.22* | |
| | | *For Elevated Installation >40', Add* | *49.74* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.13* | |
| 26 05 33 13-0486 | EA | 5" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 1,233.63 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.14* | |
| 26 05 33 13-0487 | EA | 6" Rigid Galvanized Steel (RGS) Fire Stop Fitting | 1,539.62 | 44.61 |
| | | *For Work In Restricted Working Space, Add* | *33.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *11.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *22.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *27.89* | |
| | | *For Elevated Installation >25' To 30', Add* | *39.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *44.62* | |
| | | *For Elevated Installation >35' To 40', Add* | *55.77* | |
| | | *For Elevated Installation >40', Add* | *61.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.46* | |

## 26 05 33 13-0488 Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0489 | EA | 3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing | 16.19 | 7.79 |
| | | *For Work In Restricted Working Space, Add* | *4.67* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.56* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.11* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.89* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.45* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.79* | |
| | | *For Elevated Installation >40', Add* | *8.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.67* | |
| 26 05 33 13-0490 | EA | 1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing | 17.71 | 8.29 |
| | | *For Work In Restricted Working Space, Add* | *4.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.32* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.29* | |
| | | *For Elevated Installation >40', Add* | *9.12* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.97* | |
| 26 05 33 13-0491 | EA | 1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing | 18.21 | 8.54 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.83* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.54* | |
| | | *For Elevated Installation >40', Add* | *9.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.12* | |
| 26 05 33 13-0492 | EA | 1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing | 20.53 | 8.79 |
| | | *For Work In Restricted Working Space, Add* | *5.28* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.76* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.52* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.40* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.80* | |
| | | *For Elevated Installation >40', Add* | *9.67* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0493 | EA | 1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing | 21.03 | 9.05 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |
| 26 05 33 13-0494 | EA | 1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing | 22.03 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0495 | EA | 1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing | 23.66 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.03* | |
| 26 05 33 13-0496 | EA | 1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing | 24.16 | 10.30 |
| | | *For Work In Restricted Working Space, Add* | *6.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.30* | |
| | | *For Elevated Installation >40', Add* | *11.33* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.18* | |
| 26 05 33 13-0497 | EA | 1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing | 25.16 | 10.80 |
| | | *For Work In Restricted Working Space, Add* | *6.48* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.16* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.32* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.40* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.56* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.80* | |
| | | *For Elevated Installation >40', Add* | *11.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.48* | |
| 26 05 33 13-0498 | EA | 1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing | 26.17 | 11.30 |
| | | *For Work In Restricted Working Space, Add* | *6.78* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.26* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.52* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.65* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.91* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.31* | |
| | | *For Elevated Installation >40', Add* | *12.44* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.78* | |
| 26 05 33 13-0499 | EA | 2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing | 30.42 | 11.30 |
| | | *For Work In Restricted Working Space, Add* | *6.78* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.26* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.52* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.65* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.91* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.31* | |
| | | *For Elevated Installation >40', Add* | *12.44* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.78* | |
| 26 05 33 13-0500 | EA | 2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing | 30.92 | 11.55 |
| | | *For Work In Restricted Working Space, Add* | *6.93* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.56* | |
| | | *For Elevated Installation >40', Add* | *12.71* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.93* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0501 | EA | 2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing | 31.93 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *7.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.44* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.65* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.06* | |
| | | *For Elevated Installation >40', Add* | *13.27* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.24* | |
| 26 05 33 13-0502 | EA | 2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing | 32.93 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0503 | EA | 2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing | 35.45 | 13.82 |
| | | *For Work In Restricted Working Space, Add* | *8.29* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.76* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.91* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.67* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *13.82* | |
| | | *For Elevated Installation >40', Add* | *15.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.29* | |
| 26 05 33 13-0504 | EA | 2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing | 44.24 | 16.33 |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |

### 26 05 33 13-0505 Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0506 | EA | 1/2" Rigid Galvanized Steel (RGS) Locknuts | 2.07 | 1.00 |
| | | *For Work In Restricted Working Space, Add* | *0.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.20* | |
| | | *For Elevated Installation >15' To 20', Add* | *0.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *0.50* | |
| | | *For Elevated Installation >25' To 30', Add* | *0.70* | |
| | | *For Elevated Installation >30' To 35', Add* | *0.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *1.01* | |
| | | *For Elevated Installation >40', Add* | *1.11* | |
| 26 05 33 13-0507 | EA | 3/4" Rigid Galvanized Steel (RGS) Locknuts | 3.10 | 1.50 |
| | | *For Work In Restricted Working Space, Add* | *0.91* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.30* | |
| | | *For Elevated Installation >15' To 20', Add* | *0.60* | |
| | | *For Elevated Installation >20' To 25', Add* | *0.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *1.21* | |
| | | *For Elevated Installation >35' To 40', Add* | *1.51* | |
| | | *For Elevated Installation >40', Add* | *1.66* | |
| 26 05 33 13-0508 | EA | 1" Rigid Galvanized Steel (RGS) Locknuts | 5.15 | 2.52 |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | *For Elevated Installation >40', Add* | *2.76* | |
| 26 05 33 13-0509 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Locknuts | 7.25 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |
| 26 05 33 13-0510 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Locknuts | 8.32 | 4.02 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.80* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.22* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.02* | |
| | | *For Elevated Installation >40', Add* | *4.42* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0511 | EA | 2" Rigid Galvanized Steel (RGS) Locknuts | 9.40 | 4.52 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.62* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.53* | |
| | | *For Elevated Installation >40', Add* | *4.98* | |
| 26 05 33 13-0512 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Locknuts | 12.98 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| 26 05 33 13-0513 | EA | 3" Rigid Galvanized Steel (RGS) Locknuts | 16.09 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| 26 05 33 13-0514 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Locknuts | 18.78 | 8.54 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.83* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.54* | |
| | | *For Elevated Installation >40', Add* | *9.39* | |
| 26 05 33 13-0515 | EA | 4" Rigid Galvanized Steel (RGS) Locknuts | 21.05 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |

## 26 05 33 13-0516 Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0517 | EA | 1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts | 2.86 | 1.00 |
| | | *For Work In Restricted Working Space, Add* | *0.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.20* | |
| | | *For Elevated Installation >15' To 20', Add* | *0.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *0.50* | |
| | | *For Elevated Installation >25' To 30', Add* | *0.70* | |
| | | *For Elevated Installation >30' To 35', Add* | *0.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *1.01* | |
| | | *For Elevated Installation >40', Add* | *1.11* | |
| 26 05 33 13-0518 | EA | 3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts | 4.04 | 1.50 |
| | | *For Work In Restricted Working Space, Add* | *0.91* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.30* | |
| | | *For Elevated Installation >15' To 20', Add* | *0.60* | |
| | | *For Elevated Installation >20' To 25', Add* | *0.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *1.21* | |
| | | *For Elevated Installation >35' To 40', Add* | *1.51* | |
| | | *For Elevated Installation >40', Add* | *1.66* | |
| 26 05 33 13-0519 | EA | 1" Rigid Galvanized Steel (RGS) Grounding Locknuts | 6.47 | 2.52 |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | *For Elevated Installation >40', Add* | *2.76* | |
| 26 05 33 13-0520 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts | 9.05 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0521 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts | 10.26 | 4.02 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.80* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.22* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.02* | |
| | | *For Elevated Installation >40', Add* | *4.42* | |
| 26 05 33 13-0522 | EA | 2" Rigid Galvanized Steel (RGS) Grounding Locknuts | 11.94 | 4.52 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.62* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.53* | |
| | | *For Elevated Installation >40', Add* | *4.98* | |
| 26 05 33 13-0523 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts | 17.42 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| 26 05 33 13-0524 | EA | 3" Rigid Galvanized Steel (RGS) Grounding Locknuts | 21.89 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| 26 05 33 13-0525 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts | 28.15 | 8.54 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.83* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.54* | |
| | | *For Elevated Installation >40', Add* | *9.39* | |
| 26 05 33 13-0526 | EA | 4" Rigid Galvanized Steel (RGS) Grounding Locknuts | 33.36 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |

## 26 05 33 13-0527 Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0528 | EA | 1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 8.15 | 3.02 |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.02* | |
| | | *For Elevated Installation >40', Add* | *3.32* | |
| 26 05 33 13-0529 | EA | 3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 10.34 | 4.02 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.80* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.22* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.02* | |
| | | *For Elevated Installation >40', Add* | *4.42* | |
| 26 05 33 13-0530 | EA | 1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 13.15 | 5.02 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | *For Elevated Installation >40', Add* | *5.53* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0531 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 19.53 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.04* | |
| | | *For Elevated Installation >40', Add* | *8.84* | |
| 26 05 33 13-0532 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 22.00 | 9.05 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| 26 05 33 13-0533 | EA | 2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 24.89 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| 26 05 33 13-0534 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 33.39 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *7.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.44* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.65* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.06* | |
| | | *For Elevated Installation >40', Add* | *13.27* | |
| 26 05 33 13-0535 | EA | 3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 40.76 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0536 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 51.15 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| 26 05 33 13-0537 | EA | 4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing | 62.64 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |

### 26 05 33 13-0538 Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0539 | EA | 1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 21.98 | 9.05 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| 26 05 33 13-0540 | EA | 3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 26.36 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0541 | EA | 1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 34.90 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| 26 05 33 13-0542 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 48.54 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0543 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 65.67 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| 26 05 33 13-0544 | EA | 2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 99.13 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| 26 05 33 13-0545 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 173.07 | 30.14 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0546 | EA | 3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 219.86 | 35.17 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| 26 05 33 13-0547 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 280.81 | 42.71 |
| | | *For Work In Restricted Working Space, Add* | *25.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *17.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *21.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *29.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *34.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *42.71* | |
| | | *For Elevated Installation >40', Add* | *46.98* | |
| 26 05 33 13-0548 | EA | 4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors | 339.69 | 50.24 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |

## 26 05 33 13-0549 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0550 | EA | 1/2" Rigid Galvanized Steel (RGS) Compression Coupling | 31.39 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0551 | EA | 3/4" Rigid Galvanized Steel (RGS) Compression Coupling | 40.20 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0552 | EA | 1" Rigid Galvanized Steel (RGS) Compression Coupling | 57.73 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| 26 05 33 13-0553 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling | 76.21 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| 26 05 33 13-0554 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling | 94.10 | 30.14 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0555 | EA | 2" Rigid Galvanized Steel (RGS) Compression Coupling | 144.28 | 35.17 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| 26 05 33 13-0556 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling | 236.12 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| 26 05 33 13-0557 | EA | 3" Rigid Galvanized Steel (RGS) Compression Coupling | 275.67 | 34.67 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| 26 05 33 13-0558 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling | 377.14 | 52.76 |
| | | *For Work In Restricted Working Space, Add* | *31.65* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *21.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.93* | |
| | | *For Elevated Installation >30' To 35', Add* | *42.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.76* | |
| | | *For Elevated Installation >40', Add* | *58.03* | |
| 26 05 33 13-0559 | EA | 4" Rigid Galvanized Steel (RGS) Compression Coupling | 468.15 | 60.29 |
| | | *For Work In Restricted Working Space, Add* | *36.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.29* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |

26 05 33 13-0560 Zinc Plated Steel Snap-in Knock Out Seal *(26 05 33 13-0059)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0561 | EA | 1/2" Zinc Plated Steel Snap-in Knock Out Seal | 5.20 | 2.52 |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | *For Elevated Installation >40', Add* | *2.76* | |
| 26 05 33 13-0562 | EA | 3/4" Zinc Plated Steel Snap-in Knock Out Seal | 6.27 | 3.02 |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.02* | |
| | | *For Elevated Installation >40', Add* | *3.32* | |
| 26 05 33 13-0563 | EA | 1" Zinc Plated Steel Snap-in Knock Out Seal | 7.40 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |
| 26 05 33 13-0564 | EA | 1-1/4" Zinc Plated Steel Snap-in Knock Out Seal | 9.54 | 4.52 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.62* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.53* | |
| | | *For Elevated Installation >40', Add* | *4.98* | |
| 26 05 33 13-0565 | EA | 1-1/2" Zinc Plated Steel Snap-in Knock Out Seal | 10.73 | 5.02 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | *For Elevated Installation >40', Add* | *5.53* | |
| 26 05 33 13-0566 | EA | 2" Zinc Plated Steel Snap-in Knock Out Seal | 13.01 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |

### 26 05 33 13-0567 Zinc Plated Steel 3-Piece Knock Out Seal *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0568 | EA | 1/2" Zinc Plated Steel 3-Piece Knock Out Seal | 6.10 | 2.52 |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | *For Elevated Installation >40', Add* | *2.76* | |
| 26 05 33 13-0569 | EA | 3/4" Zinc Plated Steel 3-Piece Knock Out Seal | 7.28 | 3.02 |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.02* | |
| | | *For Elevated Installation >40', Add* | *3.32* | |
| 26 05 33 13-0570 | EA | 1" Zinc Plated Steel 3-Piece Knock Out Seal | 8.76 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0571 | EA | 1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal | 11.27 | 4.52 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.62* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.53* | |
| | | *For Elevated Installation >40', Add* | *4.98* | |
| 26 05 33 13-0572 | EA | 1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal | 13.60 | 5.02 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | *For Elevated Installation >40', Add* | *5.53* | |
| 26 05 33 13-0573 | EA | 2" Zinc Plated Steel 3-Piece Knock Out Seal | 16.41 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| 26 05 33 13-0574 | EA | 2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal | 20.20 | 7.54 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| 26 05 33 13-0575 | EA | 3" Zinc Plated Steel 3-Piece Knock Out Seal | 23.49 | 8.54 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.83* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.54* | |
| | | *For Elevated Installation >40', Add* | *9.39* | |
| 26 05 33 13-0576 | EA | 3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal | 28.12 | 9.55 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| 26 05 33 13-0577 | EA | 4" Zinc Plated Steel 3-Piece Knock Out Seal | 32.69 | 10.55 |
| | | *For Work In Restricted Working Space, Add* | *6.33* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.11* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.39* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.55* | |
| | | *For Elevated Installation >40', Add* | *11.61* | |

## 26 05 33 13-0578 Rigid Galvanized Steel (RGS) Chase Nipples *(26 05 33 13-0059)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0579 | EA | 1/2" Rigid Galvanized Steel (RGS) Chase Nipple | 12.33 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-0580 | EA | 3/4" Rigid Galvanized Steel (RGS) Chase Nipple | 14.53 | 7.03 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.92* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.04* | |
| | | *For Elevated Installation >40', Add* | *7.74* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0581 | EA | 1" Rigid Galvanized Steel (RGS) Chase Nipple | 18.08 | 8.54 |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.83* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.54* | |
| | | *For Elevated Installation >40', Add* | *9.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.12* | |
| 26 05 33 13-0582 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple | 21.84 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.03* | |
| 26 05 33 13-0583 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple | 27.36 | 12.57 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0584 | EA | 2" Rigid Galvanized Steel (RGS) Chase Nipple | 33.78 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.04* | |
| 26 05 33 13-0585 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple | 42.09 | 17.59 |
| | | *For Work In Restricted Working Space, Add* | *10.55* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.07* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.59* | |
| | | *For Elevated Installation >40', Add* | *19.34* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.55* | |
| 26 05 33 13-0586 | EA | 3" Rigid Galvanized Steel (RGS) Chase Nipple | 47.29 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.06* | |
| 26 05 33 13-0587 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple | 57.76 | 22.61 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.57* | |
| 26 05 33 13-0588 | EA | 4" Rigid Galvanized Steel (RGS) Chase Nipple | 76.52 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |

26 05 33 13-0589 Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0059)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0590 | EA | 1/2" Rigid Galvanized Steel (RGS) Pulling Elbow | 22.86 | 9.05 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| 26 05 33 13-0591 | EA | 3/4" Rigid Galvanized Steel (RGS) Pulling Elbow | 26.57 | 10.55 |
| | | *For Work In Restricted Working Space, Add* | *6.33* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.11* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.39* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.55* | |
| | | *For Elevated Installation >40', Add* | *11.61* | |
| 26 05 33 13-0592 | EA | 1" Rigid Galvanized Steel (RGS) Pulling Elbow | 33.21 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *7.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.44* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.65* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.06* | |
| | | *For Elevated Installation >40', Add* | *13.27* | |
| 26 05 33 13-0593 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow | 42.37 | 15.07 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0594 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow | 55.59 | 18.09 |
| | | *For Work In Restricted Working Space, Add* | *10.85* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.62* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.23* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.04* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.66* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.47* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.09* | |
| | | *For Elevated Installation >40', Add* | *19.89* | |
| 26 05 33 13-0595 | EA | 2" Rigid Galvanized Steel (RGS) Pulling Elbow | 72.95 | 21.10 |
| | | *For Work In Restricted Working Space, Add* | *12.66* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.22* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.77* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.88* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.11* | |
| | | *For Elevated Installation >40', Add* | *23.22* | |
| 26 05 33 13-0596 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow | 98.99 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *14.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.88* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.12* | |
| | | *For Elevated Installation >40', Add* | *26.53* | |
| 26 05 33 13-0597 | EA | 3" Rigid Galvanized Steel (RGS) Pulling Elbow | 167.80 | 30.14 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |

26 05 33 13-0598 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0058)*
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0599 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0598)*
Note: Includes field bending conduit up to and including 1".


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0600 | LF | 1/2" Electrical Metallic Tubing (EMT) Conduit | 5.46 | 1.81 |
| | | *For >250 To 500, Deduct* | *-0.05* | |
| | | *For >500 To 1,000, Deduct* | *-0.30* | |
| | | *For >1,000, Deduct* | *-0.43* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.45* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.13* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.68* | |
| | | *For Work In Restricted Working Space, Add* | *1.36* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *0.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *1.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.26* | |
| | | *For Elevated Installation >40', Add* | *2.49* | |
| | | *For Factory Applied Color Coating, Add* | *0.28* | |
| 26 05 33 13-0601 | LF | 3/4" Electrical Metallic Tubing (EMT) Conduit | 6.49 | 2.01 |
| | | *For >250 To 500, Deduct* | *-0.07* | |
| | | *For >500 To 1,000, Deduct* | *-0.36* | |
| | | *For >1,000, Deduct* | *-0.52* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.50* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.26* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.75* | |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | *For Elevated Installation >40', Add* | *2.76* | |
| | | *For Factory Applied Color Coating, Add* | *0.44* | |
| 26 05 33 13-0602 | LF | 1" Electrical Metallic Tubing (EMT) Conduit | 7.98 | 2.21 |
| | | *For >250 To 500, Deduct* | *-0.12* | |
| | | *For >500 To 1,000, Deduct* | *-0.46* | |
| | | *For >1,000, Deduct* | *-0.66* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.55* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.38* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.83* | |
| | | *For Work In Restricted Working Space, Add* | *1.66* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.11* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.21* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.77* | |
| | | *For Elevated Installation >40', Add* | *3.04* | |
| | | *For Factory Applied Color Coating, Add* | *0.74* | |
| 26 05 33 13-0603 | LF | 1-1/4" Electrical Metallic Tubing (EMT) Conduit | 10.10 | 2.49 |
| | | *For >250 To 500, Deduct* | *-0.19* | |
| | | *For >500 To 1,000, Deduct* | *-0.60* | |
| | | *For >1,000, Deduct* | *-0.85* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.62* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.56* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.93* | |
| | | *For Work In Restricted Working Space, Add* | *1.87* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.62* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.25* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.18* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.49* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.12* | |
| | | *For Elevated Installation >40', Add* | *3.43* | |
| | | *For Factory Applied Color Coating, Add* | *1.16* | |
| 26 05 33 13-0604 | LF | 1-1/2" Electrical Metallic Tubing (EMT) Conduit | 11.85 | 2.82 |
| | | *For >250 To 500, Deduct* | *-0.24* | |
| | | *For >500 To 1,000, Deduct* | *-0.71* | |
| | | *For >1,000, Deduct* | *-1.01* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.70* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.76* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.05* | |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |
| | | *For Factory Applied Color Coating, Add* | *1.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0605 | LF | 2" Electrical Metallic Tubing (EMT) Conduit | 13.75 | 3.22 |
| | | *For >250 To 500, Deduct* | *-0.29* | |
| | | *For >500 To 1,000, Deduct* | *-0.83* | |
| | | *For >1,000, Deduct* | *-1.17* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.80* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.01* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.21* | |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.80* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.22* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.02* | |
| | | *For Elevated Installation >40', Add* | *4.42* | |
| | | *For Factory Applied Color Coating, Add* | *1.71* | |
| 26 05 33 13-0606 | LF | 2-1/2" Electrical Metallic Tubing (EMT) Conduit | 18.01 | 3.82 |
| | | *For >250 To 500, Deduct* | *-0.42* | |
| | | *For >500 To 1,000, Deduct* | *-1.11* | |
| | | *For >1,000, Deduct* | *-1.56* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.96* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.39* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.43* | |
| | | *For Work In Restricted Working Space, Add* | *2.87* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.91* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.39* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.78* | |
| | | *For Elevated Installation >40', Add* | *5.25* | |
| | | *For Factory Applied Color Coating, Add* | *2.54* | |
| 26 05 33 13-0607 | LF | 3" Electrical Metallic Tubing (EMT) Conduit | 21.64 | 4.42 |
| | | *For >250 To 500, Deduct* | *-0.53* | |
| | | *For >500 To 1,000, Deduct* | *-1.35* | |
| | | *For >1,000, Deduct* | *-1.89* | |
| | | *For Installation In Metal Stud Wall, Add* | *1.11* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.76* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.66* | |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.11* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.42* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.53* | |
| | | *For Elevated Installation >40', Add* | *6.08* | |
| | | *For Factory Applied Color Coating, Add* | *3.18* | |
| 26 05 33 13-0608 | LF | 3-1/2" Electrical Metallic Tubing (EMT) Conduit | 27.23 | 5.22 |
| | | *For >250 To 500, Deduct* | *-0.71* | |
| | | *For >500 To 1,000, Deduct* | *-1.72* | |
| | | *For >1,000, Deduct* | *-2.40* | |
| | | *For Installation In Metal Stud Wall, Add* | *1.31* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *3.27* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.96* | |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Factory Applied Color Coating, Add* | *4.25* | |
| 26 05 33 13-0609 | LF | 4" Electrical Metallic Tubing (EMT) Conduit | 35.99 | 8.01 |
| | | *For >250 To 500, Deduct* | *-0.80* | |
| | | *For >500 To 1,000, Deduct* | *-2.20* | |
| | | *For >1,000, Deduct* | *-3.10* | |
| | | *For Installation In Metal Stud Wall, Add* | *2.00* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *5.01* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *3.01* | |
| | | *For Work In Restricted Working Space, Add* | *6.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.00* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.01* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.02* | |
| | | *For Elevated Installation >40', Add* | *11.02* | |
| | | *For Factory Applied Color Coating, Add* | *4.79* | |

26 05 33 13-0610 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0598)*
See CSI section 26 05 33 13-2219 for conduit field bending.

26 05 33 13-0611 Electrical Metallic Tubing (EMT) Set Screw Couplings *(26 05 33 13-0598)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0612 | EA | 1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling | 5.27 | 2.41 |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | *For Elevated Installation >40', Add* | *2.76* | |
| 26 05 33 13-0613 | EA | 3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling | 6.40 | 2.41 |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.02* | |
| | | *For Elevated Installation >40', Add* | *3.32* | |
| 26 05 33 13-0614 | EA | 1" Electrical Metallic Tubing (EMT) Set Screw Coupling | 7.59 | 2.82 |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |
| 26 05 33 13-0615 | EA | 1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling | 10.28 | 3.62 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.62* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.53* | |
| | | *For Elevated Installation >40', Add* | *4.98* | |
| 26 05 33 13-0616 | EA | 1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling | 12.69 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.11* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.42* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.53* | |
| | | *For Elevated Installation >40', Add* | *6.08* | |
| 26 05 33 13-0617 | EA | 2" Electrical Metallic Tubing (EMT) Set Screw Coupling | 17.24 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| 26 05 33 13-0618 | EA | 2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling | 23.90 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| 26 05 33 13-0619 | EA | 3" Electrical Metallic Tubing (EMT) Set Screw Coupling | 31.02 | 9.25 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| 26 05 33 13-0620 | EA | 3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling | 34.82 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0621 | EA | 4" Electrical Metallic Tubing (EMT) Set Screw Coupling | 102.37 | 29.05 |
| | | *For Work In Restricted Working Space, Add* | *28.21* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.40* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *32.91* | |
| | | *For Elevated Installation >30' To 35', Add* | *37.62* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.02* | |
| | | *For Elevated Installation >40', Add* | *51.72* | |

## 26 05 33 13-0622 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0598)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0623 | EA | 1/2 Electrical Metallic Tubing (EMT) Compression Coupling | 6.65 | 2.41 |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.02* | |
| | | *For Elevated Installation >40', Add* | *3.32* | |
| 26 05 33 13-0624 | EA | 3/4" Electrical Metallic Tubing (EMT) Compression Coupling | 7.72 | 2.82 |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |
| 26 05 33 13-0625 | EA | 1" Electrical Metallic Tubing (EMT) Compression Coupling | 11.00 | 4.02 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | *For Elevated Installation >40', Add* | *5.53* | |
| 26 05 33 13-0626 | EA | 1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling | 14.04 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| 26 05 33 13-0627 | EA | 1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling | 16.88 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.92* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.04* | |
| | | *For Elevated Installation >40', Add* | *7.74* | |
| 26 05 33 13-0628 | EA | 2" Electrical Metallic Tubing (EMT) Compression Coupling | 22.50 | 7.23 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| 26 05 33 13-0629 | EA | 2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling | 35.65 | 9.65 |
| | | *For Work In Restricted Working Space, Add* | *7.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.44* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.65* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.06* | |
| | | *For Elevated Installation >40', Add* | *13.27* | |
| 26 05 33 13-0630 | EA | 3" Electrical Metallic Tubing (EMT) Compression Coupling | 41.25 | 11.25 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.04* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.85* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.07* | |
| | | *For Elevated Installation >40', Add* | *15.48* | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 33 13-0631 | | EA | 3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling | 51.57 | 14.07 |
| | | | *For Work In Restricted Working Space, Add* | *10.55* | |
| | | | *For Elevated Installation >10' To 15', Add* | *3.52* | |
| | | | *For Elevated Installation >15' To 20', Add* | *7.03* | |
| | | | *For Elevated Installation >20' To 25', Add* | *8.79* | |
| | | | *For Elevated Installation >25' To 30', Add* | *12.31* | |
| | | | *For Elevated Installation >30' To 35', Add* | *14.07* | |
| | | | *For Elevated Installation >35' To 40', Add* | *17.59* | |
| | | | *For Elevated Installation >40', Add* | *19.34* | |
| 26 05 33 13-0632 | | EA | 4" Electrical Metallic Tubing (EMT) Compression Coupling | 66.13 | 18.09 |
| | | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | | *For Elevated Installation >40', Add* | *24.87* | |
| 26 05 33 13-0633 | | | Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0598)* | | |
| 26 05 33 13-0634 | | EA | 1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 5.22 | 2.01 |
| | | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | | *For Elevated Installation >40', Add* | *2.76* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.51* | |
| 26 05 33 13-0635 | | EA | 3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 6.35 | 2.41 |
| | | | *For Work In Restricted Working Space, Add* | *1.81* | |
| | | | *For Elevated Installation >10' To 15', Add* | *0.60* | |
| | | | *For Elevated Installation >15' To 20', Add* | *1.21* | |
| | | | *For Elevated Installation >20' To 25', Add* | *1.51* | |
| | | | *For Elevated Installation >25' To 30', Add* | *2.11* | |
| | | | *For Elevated Installation >30' To 35', Add* | *2.41* | |
| | | | *For Elevated Installation >35' To 40', Add* | *3.02* | |
| | | | *For Elevated Installation >40', Add* | *3.32* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.81* | |
| 26 05 33 13-0636 | | EA | 1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 7.59 | 2.82 |
| | | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | | *For Elevated Installation >40', Add* | *3.87* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.11* | |
| 26 05 33 13-0637 | | EA | 1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 11.09 | 4.02 |
| | | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | | *For Elevated Installation >40', Add* | *5.53* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |
| 26 05 33 13-0638 | | EA | 1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 13.56 | 4.82 |
| | | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | | *For Elevated Installation >40', Add* | *6.63* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-0639 | | EA | 2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 17.31 | 6.03 |
| | | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | | *For Elevated Installation >40', Add* | *8.29* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0640 | EA | 2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 26.33 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.03* | |
| 26 05 33 13-0641 | EA | 3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 32.74 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0642 | EA | 3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 38.70 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.04* | |
| 26 05 33 13-0643 | EA | 4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw | 45.08 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *10.55* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.07* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.59* | |
| | | *For Elevated Installation >40', Add* | *19.34* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.55* | |

## 26 05 33 13-0644 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0598)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0645 | EA | 1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 7.06 | 2.72 |
| | | *For Work In Restricted Working Space, Add* | *2.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.67* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.35* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.36* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.37* | |
| | | *For Elevated Installation >40', Add* | *3.70* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.02* | |
| 26 05 33 13-0646 | EA | 3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 7.86 | 2.92 |
| | | *For Work In Restricted Working Space, Add* | *2.20* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.73* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.47* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.67* | |
| | | *For Elevated Installation >40', Add* | *4.03* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.20* | |
| 26 05 33 13-0647 | EA | 1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 9.89 | 3.62 |
| | | *For Work In Restricted Working Space, Add* | *2.68* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.89* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.79* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.24* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.58* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.47* | |
| | | *For Elevated Installation >40', Add* | *4.92* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.68* | |
| 26 05 33 13-0648 | EA | 1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 13.03 | 4.62 |
| | | *For Work In Restricted Working Space, Add* | *3.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.86* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.01* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.58* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.73* | |
| | | *For Elevated Installation >40', Add* | *6.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0649 | EA | 1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 15.47 | 5.32 |
| | | *For Work In Restricted Working Space, Add* | *4.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.67* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.69* | |
| | | *For Elevated Installation >40', Add* | *7.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.01* | |
| 26 05 33 13-0650 | EA | 2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 18.95 | 6.43 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.04* | |
| | | *For Elevated Installation >40', Add* | *8.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |
| 26 05 33 13-0651 | EA | 2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 31.75 | 8.94 |
| | | *For Work In Restricted Working Space, Add* | *6.69* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.16* | |
| | | *For Elevated Installation >40', Add* | *12.27* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.69* | |
| 26 05 33 13-0652 | EA | 3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 41.02 | 11.85 |
| | | *For Work In Restricted Working Space, Add* | *8.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.97* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.95* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.44* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.90* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.87* | |
| | | *For Elevated Installation >40', Add* | *16.36* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.92* | |
| 26 05 33 13-0653 | EA | 3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 52.40 | 15.27 |
| | | *For Work In Restricted Working Space, Add* | *11.49* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.83* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.57* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.40* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.15* | |
| | | *For Elevated Installation >40', Add* | *21.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.49* | |
| 26 05 33 13-0654 | EA | 4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw | 65.76 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |

## 26 05 33 13-0655 Electrical Metallic Tubing (EMT) Straight Box Compression Connectors *(26 05 33 13-0598)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0656 | EA | 1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 6.35 | 2.41 |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.02* | |
| | | *For Elevated Installation >40', Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.81* | |
| 26 05 33 13-0657 | EA | 3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 7.52 | 2.82 |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0658 | EA | 1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 10.75 | 4.02 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | *For Elevated Installation >40', Add* | *5.53* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |
| 26 05 33 13-0659 | EA | 1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 13.36 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-0660 | EA | 1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 15.92 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.81* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.92* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.04* | |
| | | *For Elevated Installation >40', Add* | *7.74* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.22* | |
| 26 05 33 13-0661 | EA | 2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 20.77 | 7.23 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |
| 26 05 33 13-0662 | EA | 2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 32.19 | 9.65 |
| | | *For Work In Restricted Working Space, Add* | *7.24* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.44* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.65* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.06* | |
| | | *For Elevated Installation >40', Add* | *13.27* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.24* | |
| 26 05 33 13-0663 | EA | 3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 40.69 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.04* | |
| 26 05 33 13-0664 | EA | 3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 51.43 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *10.55* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.07* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.59* | |
| | | *For Elevated Installation >40', Add* | *19.34* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.55* | |
| 26 05 33 13-0665 | EA | 4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector | 57.82 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.06* | |

26 05 33 13-0666 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0598)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0667 | EA | 1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 7.28 | 2.72 |
| | | *For Work In Restricted Working Space, Add* | *2.02* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.67* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.35* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.36* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.37* | |
| | | *For Elevated Installation >40', Add* | *3.70* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.02* | |
| 26 05 33 13-0668 | EA | 3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 8.10 | 2.92 |
| | | *For Work In Restricted Working Space, Add* | *2.20* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.73* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.47* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.67* | |
| | | *For Elevated Installation >40', Add* | *4.03* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.20* | |
| 26 05 33 13-0669 | EA | 1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 10.08 | 3.62 |
| | | *For Work In Restricted Working Space, Add* | *2.68* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.89* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.79* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.24* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.58* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.47* | |
| | | *For Elevated Installation >40', Add* | *4.92* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.68* | |
| 26 05 33 13-0670 | EA | 1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 13.58 | 4.62 |
| | | *For Work In Restricted Working Space, Add* | *3.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.86* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.01* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.58* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.73* | |
| | | *For Elevated Installation >40', Add* | *6.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.44* | |
| 26 05 33 13-0671 | EA | 1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 16.39 | 5.32 |
| | | *For Work In Restricted Working Space, Add* | *4.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.67* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.69* | |
| | | *For Elevated Installation >40', Add* | *7.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.01* | |
| 26 05 33 13-0672 | EA | 2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 20.29 | 6.43 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.21* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.04* | |
| | | *For Elevated Installation >40', Add* | *8.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |
| 26 05 33 13-0673 | EA | 2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 36.61 | 8.94 |
| | | *For Work In Restricted Working Space, Add* | *6.69* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.16* | |
| | | *For Elevated Installation >40', Add* | *12.27* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.69* | |
| 26 05 33 13-0674 | EA | 3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 49.20 | 11.85 |
| | | *For Work In Restricted Working Space, Add* | *8.92* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.97* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.95* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.44* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.90* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.87* | |
| | | *For Elevated Installation >40', Add* | *16.36* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0675 | EA | 3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 66.73 | 15.27 |
| | | *For Work In Restricted Working Space, Add* | *11.49* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.83* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.57* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.40* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.15* | |
| | | *For Elevated Installation >40', Add* | *21.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.49* | |
| 26 05 33 13-0676 | EA | 4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector | 83.50 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |

## 26 05 33 13-0677 Electrical Metallic Tubing (EMT) Expansion Coupling *(26 05 33 13-0598)*

Note: Excludes jumper.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0678 | EA | 1/2" Electrical Metallic Tubing (EMT) Expansion Coupling | 56.00 | 13.37 |
| | | *For Work In Restricted Working Space, Add* | *10.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.36* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.70* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.72* | |
| | | *For Elevated Installation >40', Add* | *18.39* | |
| 26 05 33 13-0679 | EA | 3/4" Electrical Metallic Tubing (EMT) Expansion Coupling | 67.44 | 16.18 |
| | | *For Work In Restricted Working Space, Add* | *12.16* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.11* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.19* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.21* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.27* | |
| | | *For Elevated Installation >40', Add* | *22.29* | |
| 26 05 33 13-0680 | EA | 1" Electrical Metallic Tubing (EMT) Expansion Coupling | 82.80 | 20.30 |
| | | *For Work In Restricted Working Space, Add* | *15.20* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.07* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.67* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.73* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.27* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.34* | |
| | | *For Elevated Installation >40', Add* | *27.87* | |
| 26 05 33 13-0681 | EA | 1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling | 107.34 | 24.92 |
| | | *For Work In Restricted Working Space, Add* | *18.70* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.47* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.82* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.17* | |
| | | *For Elevated Installation >40', Add* | *34.28* | |
| 26 05 33 13-0682 | EA | 1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling | 133.75 | 29.24 |
| | | *For Work In Restricted Working Space, Add* | *21.93* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.59* | |
| | | *For Elevated Installation >30' To 35', Add* | *29.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *36.55* | |
| | | *For Elevated Installation >40', Add* | *40.21* | |
| 26 05 33 13-0683 | EA | 2" Electrical Metallic Tubing (EMT) Expansion Coupling | 167.89 | 35.57 |
| | | *For Work In Restricted Working Space, Add* | *26.71* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.90* | |
| | | *For Elevated Installation >15' To 20', Add* | *17.80* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *35.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *44.51* | |
| | | *For Elevated Installation >40', Add* | *48.96* | |
| 26 05 33 13-0684 | EA | 2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling | 325.45 | 45.72 |
| | | *For Work In Restricted Working Space, Add* | *34.30* | |
| | | *For Elevated Installation >10' To 15', Add* | *11.43* | |
| | | *For Elevated Installation >15' To 20', Add* | *22.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *28.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *40.02* | |
| | | *For Elevated Installation >30' To 35', Add* | *45.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *57.17* | |
| | | *For Elevated Installation >40', Add* | *62.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0685 | EA | 3" Electrical Metallic Tubing (EMT) Expansion Coupling | 398.59 | 53.46 |
| | | *For Work In Restricted Working Space, Add* | *40.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.37* | |
| | | *For Elevated Installation >15' To 20', Add* | *26.74* | |
| | | *For Elevated Installation >20' To 25', Add* | *33.42* | |
| | | *For Elevated Installation >25' To 30', Add* | *46.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *53.47* | |
| | | *For Elevated Installation >35' To 40', Add* | *66.84* | |
| | | *For Elevated Installation >40', Add* | *73.52* | |
| 26 05 33 13-0686 | EA | 3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling | 491.19 | 58.28 |
| | | *For Work In Restricted Working Space, Add* | *43.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *14.58* | |
| | | *For Elevated Installation >15' To 20', Add* | *29.15* | |
| | | *For Elevated Installation >20' To 25', Add* | *36.44* | |
| | | *For Elevated Installation >25' To 30', Add* | *51.01* | |
| | | *For Elevated Installation >30' To 35', Add* | *58.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *72.88* | |
| | | *For Elevated Installation >40', Add* | *80.16* | |
| 26 05 33 13-0687 | EA | 4" Electrical Metallic Tubing (EMT) Expansion Coupling | 531.37 | 64.31 |
| | | *For Work In Restricted Working Space, Add* | *48.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.17* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.29* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.33* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.42* | |
| | | *For Elevated Installation >40', Add* | *88.46* | |

## 26 05 33 13-0688 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

*(26 05 33 13-0598)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0689 | EA | 1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter | 10.28 | 3.62 |
| | | *For Work In Restricted Working Space, Add* | *2.68* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.89* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.23* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.46* | |
| | | *For Elevated Installation >40', Add* | *4.91* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.68* | |
| 26 05 33 13-0690 | EA | 1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter | 11.02 | 3.62 |
| | | *For Work In Restricted Working Space, Add* | *2.68* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.89* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.23* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.46* | |
| | | *For Elevated Installation >40', Add* | *4.91* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.68* | |
| 26 05 33 13-0691 | EA | 3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter | 12.33 | 3.92 |
| | | *For Work In Restricted Working Space, Add* | *2.98* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.97* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.96* | |
| | | *For Elevated Installation >40', Add* | *5.46* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.98* | |
| 26 05 33 13-0692 | EA | 1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter | 14.37 | 4.52 |
| | | *For Work In Restricted Working Space, Add* | *3.38* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.13* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.26* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.51* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.64* | |
| | | *For Elevated Installation >40', Add* | *6.20* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.38* | |
| 26 05 33 13-0693 | EA | 1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter | 20.65 | 5.43 |
| | | *For Work In Restricted Working Space, Add* | *4.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.37* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.78* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.83* | |
| | | *For Elevated Installation >40', Add* | *7.51* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0694 | EA | 1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter | 25.33 | 6.23 |
| | | *For Work In Restricted Working Space, Add* | *4.68* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.56* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.80* | |
| | | *For Elevated Installation >40', Add* | *8.57* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.68* | |
| 26 05 33 13-0695 | EA | 2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter | 33.08 | 7.84 |
| | | *For Work In Restricted Working Space, Add* | *5.85* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.95* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.82* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.75* | |
| | | *For Elevated Installation >40', Add* | *10.72* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.85* | |

## 26 05 33 13-0696 Intermediate Metal Conduit (IMC) *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

## 26 05 33 13-0697 Intermediate Metal Conduit (IMC) Conduit *(26 05 33 13-0696)*

Note: Includes field bending conduit up to 1".

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0698 | LF | 1/2" Intermediate Metal Conduit (IMC) Conduit | 7.72 | 2.01 |
| | | *For >250 To 500, Deduct* | *-0.13* | |
| | | *For >500 To 1,000, Deduct* | *-0.19* | |
| | | *For >1,000, Deduct* | *-0.25* | |
| | | *For Installation In Metal Stub Wall, Add* | *0.52* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.31* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.78* | |
| | | *For Work In Restricted Working Space, Add* | *1.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.61* | |
| | | *For Elevated Installation >40', Add* | *2.87* | |
| 26 05 33 13-0699 | LF | 3/4" Intermediate Metal Conduit (IMC) Conduit | 9.21 | 2.21 |
| | | *For >250 To 500, Deduct* | *-0.15* | |
| | | *For >500 To 1,000, Deduct* | *-0.22* | |
| | | *For >1,000, Deduct* | *-0.30* | |
| | | *For Installation In Metal Stub Wall, Add* | *0.62* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.56* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.93* | |
| | | *For Work In Restricted Working Space, Add* | *1.87* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.62* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.25* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.18* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.49* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.12* | |
| | | *For Elevated Installation >40', Add* | *3.43* | |
| 26 05 33 13-0700 | LF | 1" Intermediate Metal Conduit (IMC) Conduit | 12.44 | 2.41 |
| | | *For >250 To 500, Deduct* | *-0.23* | |
| | | *For >500 To 1,000, Deduct* | *-0.35* | |
| | | *For >1,000, Deduct* | *-0.46* | |
| | | *For Installation In Metal Stub Wall, Add* | *0.78* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.96* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.18* | |
| | | *For Work In Restricted Working Space, Add* | *2.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.78* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.57* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.92* | |
| | | *For Elevated Installation >40', Add* | *4.31* | |
| 26 05 33 13-0701 | LF | 1-1/4" Intermediate Metal Conduit (IMC) Conduit | 14.47 | 4.82 |
| | | *For >250 To 500, Deduct* | *-0.29* | |
| | | *For >500 To 1,000, Deduct* | *-0.44* | |
| | | *For >1,000, Deduct* | *-0.58* | |
| | | *For Installation In Metal Stub Wall, Add* | *0.86* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.16* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.30* | |
| | | *For Work In Restricted Working Space, Add* | *2.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.86* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.02* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.32* | |
| | | *For Elevated Installation >40', Add* | *4.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0702 | LF | 1-1/2" Intermediate Metal Conduit (IMC) Conduit | 16.33 | 3.22 |
| | | *For >250 To 500, Deduct* | *-0.34* | |
| | | *For >500 To 1,000, Deduct* | *-0.52* | |
| | | *For >1,000, Deduct* | *-0.69* | |
| | | *For Installation In Metal Stub Wall, Add* | *0.95* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.36* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.42* | |
| | | *For Work In Restricted Working Space, Add* | *2.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.95* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.89* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.36* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.78* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.73* | |
| | | *For Elevated Installation >40', Add* | *5.20* | |
| 26 05 33 13-0703 | LF | 2" Intermediate Metal Conduit (IMC) Conduit | 20.78 | 3.62 |
| | | *For >250 To 500, Deduct* | *-0.47* | |
| | | *For >500 To 1,000, Deduct* | *-0.70* | |
| | | *For >1,000, Deduct* | *-0.93* | |
| | | *For Installation In Metal Stub Wall, Add* | *1.15* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.86* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.72* | |
| | | *For Work In Restricted Working Space, Add* | *3.44* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.86* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.01* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.58* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.73* | |
| | | *For Elevated Installation >40', Add* | *6.30* | |
| 26 05 33 13-0704 | LF | 2-1/2" Intermediate Metal Conduit (IMC) Conduit | 35.85 | 4.82 |
| | | *For >250 To 500, Deduct* | *-1.03* | |
| | | *For >500 To 1,000, Deduct* | *-1.55* | |
| | | *For >1,000, Deduct* | *-2.07* | |
| | | *For Installation In Metal Stub Wall, Add* | *1.52* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *3.79* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *2.28* | |
| | | *For Work In Restricted Working Space, Add* | *4.55* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.07* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.59* | |
| | | *For Elevated Installation >40', Add* | *8.34* | |
| 26 05 33 13-0705 | LF | 3" Intermediate Metal Conduit (IMC) Conduit | 45.55 | 6.03 |
| | | *For >250 To 500, Deduct* | *-1.27* | |
| | | *For >500 To 1,000, Deduct* | *-1.91* | |
| | | *For >1,000, Deduct* | *-2.55* | |
| | | *For Installation In Metal Stub Wall, Add* | *2.01* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *5.03* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *3.02* | |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| 26 05 33 13-0706 | LF | 3-1/2" Intermediate Metal Conduit (IMC) Conduit | 52.49 | 7.23 |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500 To 1,000, Deduct* | *-2.21* | |
| | | *For >1,000, Deduct* | *-2.95* | |
| | | *For Installation In Metal Stub Wall, Add* | *2.30* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *5.75* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *3.45* | |
| | | *For Work In Restricted Working Space, Add* | *6.90* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.30* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.60* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.75* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.05* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.51* | |
| | | *For Elevated Installation >40', Add* | *12.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0707 | LF | 4" Intermediate Metal Conduit (IMC) Conduit | 61.53 | 8.44 |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500 To 1,000, Deduct* | *-2.60* | |
| | | *For >1,000, Deduct* | *-3.47* | |
| | | *For Installation In Metal Stub Wall, Add* | *2.68* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *6.71* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *4.02* | |
| | | *For Work In Restricted Working Space, Add* | *8.05* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.68* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.71* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.39* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *13.42* | |
| | | *For Elevated Installation >40', Add* | *14.76* | |

## 26 05 33 13-0708 Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0696)*

See CSI section 26 05 33 13-2219 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0709 | EA | 1" Intermediate Metal Conduit (IMC) 90 Degree Elbow | 59.00 | 15.17 |
| | | *For Work In Restricted Working Space, Add* | *11.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.78* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.57* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.46* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.24* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.92* | |
| | | *For Elevated Installation >40', Add* | *20.81* | |
| 26 05 33 13-0710 | EA | 1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow | 73.61 | 17.59 |
| | | *For Work In Restricted Working Space, Add* | *13.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.96* | |
| | | *For Elevated Installation >40', Add* | *24.16* | |
| 26 05 33 13-0711 | EA | 1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow | 87.95 | 20.20 |
| | | *For Work In Restricted Working Space, Add* | *15.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.60* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.21* | |
| | | *For Elevated Installation >40', Add* | *27.73* | |
| 26 05 33 13-0712 | EA | 2" Intermediate Metal Conduit (IMC) 90 Degree Elbow | 109.50 | 22.20 |
| | | *For Work In Restricted Working Space, Add* | *16.64* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.87* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.73* | |
| | | *For Elevated Installation >40', Add* | *30.50* | |
| 26 05 33 13-0713 | EA | 2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow | 161.09 | 27.74 |
| | | *For Work In Restricted Working Space, Add* | *20.80* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.93* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.73* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.67* | |
| | | *For Elevated Installation >40', Add* | *38.13* | |
| 26 05 33 13-0714 | EA | 3" Intermediate Metal Conduit (IMC) 90 Degree Elbow | 234.92 | 37.79 |
| | | *For Work In Restricted Working Space, Add* | *28.33* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.89* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.05* | |
| | | *For Elevated Installation >30' To 35', Add* | *37.78* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.22* | |
| | | *For Elevated Installation >40', Add* | *51.94* | |
| 26 05 33 13-0715 | EA | 3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow | 354.53 | 42.61 |
| | | *For Work In Restricted Working Space, Add* | *31.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *21.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.63* | |
| | | *For Elevated Installation >25' To 30', Add* | *37.29* | |
| | | *For Elevated Installation >30' To 35', Add* | *42.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *53.27* | |
| | | *For Elevated Installation >40', Add* | *58.59* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0716 | EA | 4" Intermediate Metal Conduit (IMC) 90 Degree Elbow | 426.32 | 55.47 |
| | | *For Work In Restricted Working Space, Add* | *41.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.86* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.73* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.32* | |
| | | *For Elevated Installation >40', Add* | *76.25* | |

## 26 05 33 13-0717 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut *(26 05 33 13-0696)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0718 | EA | 1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 13.99 | 5.22 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-0719 | EA | 3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 16.64 | 0.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-0720 | EA | 1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 21.71 | 7.64 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-0721 | EA | 1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 26.60 | 9.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.93* | |
| 26 05 33 13-0722 | EA | 1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 30.10 | 10.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0723 | EA | 2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 39.36 | 12.46 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.35* | |
| 26 05 33 13-0724 | EA | 2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 75.82 | 20.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0725 | EA | 3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 91.07 | 27.34 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.50* | |
| 26 05 33 13-0726 | EA | 3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 122.52 | 32.56 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.42* | |
| 26 05 33 13-0727 | EA | 4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut | 145.31 | 37.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.34* | |

## 26 05 33 13-0728 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0696)*

Note: 3-Piece coupling.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0729 | EA | 1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 47.36 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.08* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.12* | |
| | | *For Elevated Installation >40', Add* | *22.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.07* | |
| 26 05 33 13-0730 | EA | 3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 54.08 | 17.99 |
| | | *For Work In Restricted Working Space, Add* | *13.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.49* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.23* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.96* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.46* | |
| | | *For Elevated Installation >40', Add* | *24.70* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.47* | |
| 26 05 33 13-0731 | EA | 1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 67.71 | 20.00 |
| | | *For Work In Restricted Working Space, Add* | *15.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.00* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.51* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.02* | |
| | | *For Elevated Installation >40', Add* | *27.52* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.01* | |
| 26 05 33 13-0732 | EA | 1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 87.26 | 21.90 |
| | | *For Work In Restricted Working Space, Add* | *16.42* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.47* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.95* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.69* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.90* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.37* | |
| | | *For Elevated Installation >40', Add* | *30.11* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.42* | |
| 26 05 33 13-0733 | EA | 1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 100.72 | 23.92 |
| | | *For Work In Restricted Working Space, Add* | *17.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.99* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.98* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.98* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.97* | |
| | | *For Elevated Installation >30' To 35', Add* | *23.96* | |
| | | *For Elevated Installation >35' To 40', Add* | *29.95* | |
| | | *For Elevated Installation >40', Add* | *32.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0734 | EA | 2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 146.49 | 25.92 |
| | | *For Work In Restricted Working Space, Add* | *19.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.49* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.97* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.70* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.94* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.43* | |
| | | *For Elevated Installation >40', Add* | *35.67* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.46* | |
| 26 05 33 13-0735 | EA | 2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 255.00 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-0736 | EA | 3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 366.77 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.14* | |
| 26 05 33 13-0737 | EA | 3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 548.44 | 48.24 |
| | | *For Work In Restricted Working Space, Add* | *36.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.32* | |
| | | *For Elevated Installation >40', Add* | *66.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.19* | |
| 26 05 33 13-0738 | EA | 4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting | 637.01 | 52.26 |
| | | *For Work In Restricted Working Space, Add* | *39.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *26.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *32.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *45.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *52.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *65.31* | |
| | | *For Elevated Installation >40', Add* | *71.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.19* | |

## 26 05 33 13-0739 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0696)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0740 | EA | 1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 27.85 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| 26 05 33 13-0741 | EA | 3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 31.28 | 8.84 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.06* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| 26 05 33 13-0742 | EA | 1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 36.03 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0743 | EA | 1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 41.54 | 10.85 |
| | | *For Work In Restricted Working Space, Add* | *8.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.43* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.50* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.85* | |
| | | *For Elevated Installation >35' To 40', Add* | *13.57* | |
| | | *For Elevated Installation >40', Add* | *14.92* | |
| 26 05 33 13-0744 | EA | 1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 50.22 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| 26 05 33 13-0745 | EA | 2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 62.84 | 13.27 |
| | | *For Work In Restricted Working Space, Add* | *9.95* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.32* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.63* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.61* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.58* | |
| | | *For Elevated Installation >40', Add* | *18.24* | |
| 26 05 33 13-0746 | EA | 2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 87.77 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| 26 05 33 13-0747 | EA | 3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 108.30 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| 26 05 33 13-0748 | EA | 3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 130.14 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0749 | EA | 4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector | 148.25 | 26.12 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |

## 26 05 33 13-0750 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0696)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0751 | EA | 1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 23.33 | 8.04 |
| | | *For Work In Restricted Working Space, Add* | *6.03* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.03* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.04* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.04* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.05* | |
| | | *For Elevated Installation >40', Add* | *11.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0752 | EA | 3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 29.97 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-0753 | EA | 1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 37.30 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.04* | |
| 26 05 33 13-0754 | EA | 1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 45.30 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *10.55* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.07* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.59* | |
| | | *For Elevated Installation >40', Add* | *19.34* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.55* | |
| 26 05 33 13-0755 | EA | 1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 53.24 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.06* | |
| 26 05 33 13-0756 | EA | 2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 64.08 | 18.09 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.57* | |
| 26 05 33 13-0757 | EA | 2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 81.85 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0758 | EA | 3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 97.82 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-0759 | EA | 3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 120.49 | 26.12 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.59* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0760 | EA | 4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub | 139.96 | 28.14 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.68* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.10* | |

## 26 05 33 13-0761 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0696)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0762 | EA | 1/2" Intermediate Metal Conduit (IMC) Expansion Fitting | 179.89 | 16.07 |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.11* | |
| 26 05 33 13-0763 | EA | 3/4" Intermediate Metal Conduit (IMC) Expansion Fitting | 198.88 | 18.09 |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| 26 05 33 13-0764 | EA | 1" Intermediate Metal Conduit (IMC) Expansion Fitting | 221.03 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.08* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.59* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.13* | |
| | | *For Elevated Installation >40', Add* | *27.64* | |
| 26 05 33 13-0765 | EA | 1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting | 268.30 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.64* | |
| | | *For Elevated Installation >40', Add* | *30.40* | |
| 26 05 33 13-0766 | EA | 1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting | 330.51 | 24.12 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| 26 05 33 13-0767 | EA | 2" Intermediate Metal Conduit (IMC) Expansion Fitting | 437.94 | 26.12 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| 26 05 33 13-0768 | EA | 2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting | 665.70 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| 26 05 33 13-0769 | EA | 3" Intermediate Metal Conduit (IMC) Expansion Fitting | 799.39 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0770 | EA | 3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting | 1,119.05 | 48.24 |
| | | *For Work In Restricted Working Space, Add* | *36.18* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.30* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |
| 26 05 33 13-0771 | EA | 4" Intermediate Metal Conduit (IMC) Expansion Fitting | 1,296.37 | 52.26 |
| | | *For Work In Restricted Working Space, Add* | *39.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *26.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *32.66* | |
| | | *For Elevated Installation >25' To 30', Add* | *45.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *52.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *65.31* | |
| | | *For Elevated Installation >40', Add* | *71.84* | |

## 26 05 33 13-0772 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0696)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0773 | EA | 1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 103.99 | 25.12 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-0774 | EA | 3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 123.42 | 30.14 |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.09* | |
| 26 05 33 13-0775 | EA | 1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 151.48 | 35.17 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.10* | |
| 26 05 33 13-0776 | EA | 1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 178.91 | 40.19 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-0777 | EA | 1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 238.77 | 45.22 |
| | | *For Work In Restricted Working Space, Add* | *27.13* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.22* | |
| | | *For Elevated Installation >40', Add* | *49.74* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.13* | |
| 26 05 33 13-0778 | EA | 2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 292.67 | 50.24 |
| | | *For Work In Restricted Working Space, Add* | *30.14* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.19* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.24* | |
| | | *For Elevated Installation >40', Add* | *55.26* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0779 | EA | 2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 419.19 | 60.29 |
| | | *For Work In Restricted Working Space, Add* | *36.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.29* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.17* | |
| 26 05 33 13-0780 | EA | 3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 505.43 | 70.34 |
| | | *For Work In Restricted Working Space, Add* | *42.20* | |
| | | *For Elevated Installation >10' To 15', Add* | *14.07* | |
| | | *For Elevated Installation >15' To 20', Add* | *28.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *35.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *49.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *56.27* | |
| | | *For Elevated Installation >35' To 40', Add* | *70.34* | |
| | | *For Elevated Installation >40', Add* | *77.37* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *42.20* | |
| 26 05 33 13-0781 | EA | 3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 1,212.78 | 80.38 |
| | | *For Work In Restricted Working Space, Add* | *48.23* | |
| | | *For Elevated Installation >10' To 15', Add* | *16.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *32.16* | |
| | | *For Elevated Installation >20' To 25', Add* | *40.20* | |
| | | *For Elevated Installation >25' To 30', Add* | *56.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *64.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *80.39* | |
| | | *For Elevated Installation >40', Add* | *88.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *48.23* | |
| 26 05 33 13-0782 | EA | 4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal | 1,398.41 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *54.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.44* | |
| | | *For Elevated Installation >40', Add* | *99.48* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.26* | |

## 26 05 33 13-0783 Intermediate Metal Conduit (IMC) Threaded Couplings *(26 05 33 13-0696)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0784 | EA | 1/2" Intermediate Metal Conduit (IMC) Threaded Coupling | 13.88 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| 26 05 33 13-0785 | EA | 3/4" Intermediate Metal Conduit (IMC) Threaded Coupling | 19.32 | 6.83 |
| | | *For Work In Restricted Working Space, Add* | *5.13* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.55* | |
| | | *For Elevated Installation >40', Add* | *9.40* | |
| 26 05 33 13-0786 | EA | 1" Intermediate Metal Conduit (IMC) Threaded Coupling | 25.41 | 8.84 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.73* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.15* | |
| 26 05 33 13-0787 | EA | 1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling | 29.28 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.57* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| 26 05 33 13-0788 | EA | 1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling | 35.37 | 12.05 |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.57* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0789 | EA | 2" Intermediate Metal Conduit (IMC) Threaded Coupling | 41.08 | 13.67 |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.84* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.80* | |
| 26 05 33 13-0790 | EA | 2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling | 53.46 | 15.27 |
| | | *For Work In Restricted Working Space, Add* | *11.45* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.36* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.27* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.09* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |
| 26 05 33 13-0791 | EA | 3" Intermediate Metal Conduit (IMC) Threaded Coupling | 64.08 | 17.29 |
| | | *For Work In Restricted Working Space, Add* | *12.96* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.32* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.80* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.61* | |
| | | *For Elevated Installation >40', Add* | *23.77* | |
| 26 05 33 13-0792 | EA | 3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling | 75.14 | 18.89 |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.45* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.90* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.62* | |
| | | *For Elevated Installation >40', Add* | *25.98* | |
| 26 05 33 13-0793 | EA | 4" Intermediate Metal Conduit (IMC) Threaded Coupling | 78.34 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |

### 26 05 33 13-0794 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0696)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0795 | EA | 1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing | 7.07 | 2.01 |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | *For Elevated Installation >40', Add* | *2.76* | |
| 26 05 33 13-0796 | EA | 3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing | 8.25 | 2.01 |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.00* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.26* | |
| | | *For Elevated Installation >25' To 30', Add* | *1.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.01* | |
| | | *For Elevated Installation >35' To 40', Add* | *2.51* | |
| | | *For Elevated Installation >40', Add* | *2.76* | |

### 26 05 33 13-0797 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0058)*

Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

### 26 05 33 13-0798 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0797)*

Note: Includes field bending for conduit up to 1".


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0799 | LF | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 12.64 | 2.82 |
| | | *For >250 To 500, Deduct* | *-0.46* | |
| | | *For >500 To 1,000, Deduct* | *-0.77* | |
| | | *For >1,000, Deduct* | *-1.09* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.76* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *2.81* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.52* | |
| | | *For Elevated Installation >40', Add* | *3.87* | |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| 26 05 33 13-0800 | LF | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 14.54 | 3.22 |
| | | *For >250 To 500, Deduct* | *-0.53* | |
| | | *For >500 To 1,000, Deduct* | *-0.89* | |
| | | *For >1,000, Deduct* | *-1.25* | |
| | | *For Elevated Installation >10' To 15', Add* | *0.80* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.22* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.02* | |
| | | *For Elevated Installation >40', Add* | *4.42* | |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| 26 05 33 13-0801 | LF | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 18.47 | 4.02 |
| | | *For >250 To 500, Deduct* | *-0.67* | |
| | | *For >500 To 1,000, Deduct* | *-1.13* | |
| | | *For >1,000, Deduct* | *-1.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.51* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.52* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.03* | |
| | | *For Elevated Installation >40', Add* | *5.53* | |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| 26 05 33 13-0802 | LF | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 22.72 | 4.82 |
| | | *For >250 To 500, Deduct* | *-0.83* | |
| | | *For >500 To 1,000, Deduct* | *-1.40* | |
| | | *For >1,000, Deduct* | *-1.97* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| 26 05 33 13-0803 | LF | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 28.04 | 6.03 |
| | | *For >250 To 500, Deduct* | *-1.03* | |
| | | *For >500 To 1,000, Deduct* | *-1.73* | |
| | | *For >1,000, Deduct* | *-2.43* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.01* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.03* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.54* | |
| | | *For Elevated Installation >40', Add* | *8.29* | |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| 26 05 33 13-0804 | LF | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 34.99 | 7.23 |
| | | *For >250 To 500, Deduct* | *-1.30* | |
| | | *For >500 To 1,000, Deduct* | *-2.17* | |
| | | *For >1,000, Deduct* | *-3.05* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.81* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.33* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.05* | |
| | | *For Elevated Installation >40', Add* | *9.95* | |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| 26 05 33 13-0805 | LF | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 46.73 | 8.44 |
| | | *For >250 To 500, Deduct* | *-1.81* | |
| | | *For >500 To 1,000, Deduct* | *-2.98* | |
| | | *For >1,000, Deduct* | *-4.15* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.11* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.39* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.55* | |
| | | *For Elevated Installation >40', Add* | *11.61* | |
| | | *For Work In Restricted Working Space, Add* | *6.33* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0806 | LF | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 58.44 | 10.45 |
| | | *For >250 To 500, Deduct* | *-2.27* | |
| | | *For >500 To 1,000, Deduct* | *-3.73* | |
| | | *For >1,000, Deduct* | *-5.19* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *9.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.45* | |
| | | *For Elevated Installation >35' To 40', Add* | *13.06* | |
| | | *For Elevated Installation >40', Add* | *14.37* | |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |
| 26 05 33 13-0807 | LF | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 71.69 | 12.87 |
| | | *For >250 To 500, Deduct* | *-2.78* | |
| | | *For >500 To 1,000, Deduct* | *-4.57* | |
| | | *For >1,000, Deduct* | *-6.37* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.22* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.43* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.04* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.26* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.08* | |
| | | *For Elevated Installation >40', Add* | *17.69* | |
| | | *For Work In Restricted Working Space, Add* | *9.65* | |
| 26 05 33 13-0808 | LF | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 84.80 | 15.27 |
| | | *For >250 To 500, Deduct* | *-3.29* | |
| | | *For >500 To 1,000, Deduct* | *-5.41* | |
| | | *For >1,000, Deduct* | *-7.53* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.10* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |
| | | *For Work In Restricted Working Space, Add* | *11.46* | |
| 26 05 33 13-0809 | LF | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 127.81 | 18.09 |
| | | *For >250 To 500, Deduct* | *-5.26* | |
| | | *For >500 To 1,000, Deduct* | *-8.46* | |
| | | *For >1,000, Deduct* | *-11.65* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.52* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.83* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.09* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.61* | |
| | | *For Elevated Installation >40', Add* | *24.87* | |
| | | *For Work In Restricted Working Space, Add* | *13.57* | |
| 26 05 33 13-0810 | LF | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit | 173.47 | 24.12 |
| | | *For >250 To 500, Deduct* | *-7.17* | |
| | | *For >500 To 1,000, Deduct* | *-11.50* | |
| | | *For >1,000, Deduct* | *-15.84* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |

### 26 05 33 13-0811 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0812 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 17.97 | 6.03 |
| | | *For Elevated Installation >10' To 15', Add* | *1.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.41* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.01* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.22* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.82* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.03* | |
| | | *For Elevated Installation >40', Add* | *6.63* | |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| 26 05 33 13-0813 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 23.29 | 8.54 |
| | | *For Elevated Installation >10' To 15', Add* | *1.71* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.83* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.54* | |
| | | *For Elevated Installation >40', Add* | *9.39* | |
| | | *For Work In Restricted Working Space, Add* | *5.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0814 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 30.16 | 11.05 |
| | | *For Elevated Installation >10' To 15', Add* | *2.21* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.42* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.05* | |
| | | *For Elevated Installation >40', Add* | *12.16* | |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| 26 05 33 13-0815 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 34.52 | 12.57 |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| 26 05 33 13-0816 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 41.31 | 15.07 |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |
| 26 05 33 13-0817 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 50.52 | 17.08 |
| | | *For Elevated Installation >10' To 15', Add* | *3.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.96* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.67* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.09* | |
| | | *For Elevated Installation >40', Add* | *18.79* | |
| | | *For Work In Restricted Working Space, Add* | *10.25* | |
| 26 05 33 13-0818 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 78.66 | 17.08 |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.10* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |
| | | *For Work In Restricted Working Space, Add* | *11.46* | |
| 26 05 33 13-0819 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 92.36 | 23.62 |
| | | *For Elevated Installation >10' To 15', Add* | *4.32* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.80* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.61* | |
| | | *For Elevated Installation >40', Add* | *23.77* | |
| | | *For Work In Restricted Working Space, Add* | *12.96* | |
| 26 05 33 13-0820 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 110.28 | 23.62 |
| | | *For Elevated Installation >10' To 15', Add* | *4.72* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.45* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.81* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.53* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.89* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.62* | |
| | | *For Elevated Installation >40', Add* | *25.98* | |
| | | *For Work In Restricted Working Space, Add* | *14.17* | |
| 26 05 33 13-0821 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 123.96 | 25.12 |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| 26 05 33 13-0822 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 300.51 | 30.14 |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0823 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling | 338.68 | 35.17 |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |

## 26 05 33 13-0824 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows *(26 05 33 13-0797)*

Note: 90, 45, or 30 degree.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0825 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 53.42 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-0826 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 62.04 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-0827 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 74.36 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0828 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 87.86 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0829 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 102.64 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-0830 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 123.95 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-0831 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 188.28 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-0832 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 279.63 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0833 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 344.26 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-0834 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 397.81 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| 26 05 33 13-0835 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 818.16 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-0836 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow | 1,284.20 | 220.77 |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |

## 26 05 33 13-0837 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0838 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 123.29 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0839 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 138.94 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0840 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 158.57 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-0841 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 188.48 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-0842 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow | 261.33 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 33 13-0843** | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows** *(26 05 33 13-0797)* | | |
| 26 05 33 13-0844 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 136.52 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0845 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 160.81 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0846 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 174.25 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-0847 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 222.67 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-0848 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 294.29 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-0849 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow | 377.40 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| **26 05 33 13-0850** | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows** *(26 05 33 13-0797)* | | |
| 26 05 33 13-0851 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 152.35 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0852 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 172.20 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0853 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 194.36 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0854 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 234.01 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-0855 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 332.17 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-0856 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 421.87 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-0857 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 530.52 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-0858 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow | 600.73 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |

### 26 05 33 13-0859 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0860 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 179.68 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0861 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 198.93 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0862 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 224.71 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-0863 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 277.72 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0864 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 399.97 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-0865 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 497.22 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-0866 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 576.53 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-0867 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow | 685.19 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |

### 26 05 33 13-0868 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0869 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 200.94 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0870 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 223.81 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0871 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 254.59 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-0872 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 315.76 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-0873 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 436.96 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0874 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 557.49 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-0875 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 688.39 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-0876 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 762.72 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| 26 05 33 13-0877 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow | 1,270.80 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |

### 26 05 33 13-0878 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0879 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 228.75 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0880 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 253.88 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0881 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 287.34 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-0882 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 357.96 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-0883 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 498.60 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0884 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 634.28 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-0885 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 744.44 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-0886 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 862.82 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| 26 05 33 13-0887 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 1,340.94 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-0888 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow | 1,838.48 | 220.77 |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |

## 26 05 33 13-0889 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0890 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 267.47 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0891 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 280.68 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0892 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 331.16 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-0893 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 416.69 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0894 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 581.72 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-0895 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 737.80 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-0896 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 900.27 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-0897 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 1,057.53 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| 26 05 33 13-0898 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 1,569.75 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-0899 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow | 1,943.51 | 220.77 |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |

## 26 05 33 13-0900 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0901 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 276.80 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-0902 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 326.02 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-0903 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 369.06 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0904 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 434.36 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-0905 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 602.48 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-0906 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 769.64 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-0907 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 985.14 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-0908 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 1,101.69 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| 26 05 33 13-0909 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 1,631.22 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-0910 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow | 1,996.88 | 220.77 |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |

## 26 05 33 13-0911 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fittings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0912 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 102.47 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-0913 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 125.44 | 21.55 |
| | | *For Elevated Installation >10' To 15', Add* | *4.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.56* | |
| | | *For Elevated Installation >40', Add* | *23.71* | |
| | | *For Work In Restricted Working Space, Add* | *12.93* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.93* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0914 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 167.21 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.89* | |
| 26 05 33 13-0915 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 274.57 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.24* | |
| 26 05 33 13-0916 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 303.16 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.59* | |
| 26 05 33 13-0917 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 383.02 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.92* | |
| | | *For Elevated Installation >40', Add* | *39.51* | |
| | | *For Work In Restricted Working Space, Add* | *21.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.55* | |
| 26 05 33 13-0918 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 1,043.37 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-0919 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 1,245.34 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.54* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.84* | |
| 26 05 33 13-0920 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting | 1,654.71 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.13* | |
| | | *For Elevated Installation >40', Add* | *99.14* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.08* | |

### 26 05 33 13-0921 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fittings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0922 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 98.23 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0923 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 120.64 | 21.55 |
| | | *For Elevated Installation >10' To 15', Add* | *4.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.56* | |
| | | *For Elevated Installation >40', Add* | *23.71* | |
| | | *For Work In Restricted Working Space, Add* | *12.93* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.93* | |
| 26 05 33 13-0924 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 167.21 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.89* | |
| 26 05 33 13-0925 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 272.10 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.24* | |
| 26 05 33 13-0926 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 293.21 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.59* | |
| 26 05 33 13-0927 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 383.14 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.92* | |
| | | *For Elevated Installation >40', Add* | *39.51* | |
| | | *For Work In Restricted Working Space, Add* | *21.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.55* | |
| 26 05 33 13-0928 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 1,000.91 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-0929 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 1,214.37 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.54* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.84* | |
| 26 05 33 13-0930 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting | 1,654.64 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.13* | |
| | | *For Elevated Installation >40', Add* | *99.14* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.08* | |

26 05 33 13-0931 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings *(26 05 33 13-0797)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0932 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 88.83 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-0933 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 106.38 | 21.55 |
| | | *For Elevated Installation >10' To 15', Add* | *4.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.56* | |
| | | *For Elevated Installation >40', Add* | *23.71* | |
| | | *For Work In Restricted Working Space, Add* | *12.93* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.93* | |
| 26 05 33 13-0934 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 125.52 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.89* | |
| 26 05 33 13-0935 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 178.29 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.24* | |
| 26 05 33 13-0936 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 208.24 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.59* | |
| 26 05 33 13-0937 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 321.75 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.92* | |
| | | *For Elevated Installation >40', Add* | *39.51* | |
| | | *For Work In Restricted Working Space, Add* | *21.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.55* | |
| 26 05 33 13-0938 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 882.67 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-0939 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 993.52 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.54* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.84* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0940 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting | 1,268.75 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.13* | |
| | | *For Elevated Installation >40', Add* | *99.14* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.08* | |

## 26 05 33 13-0941 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0942 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 151.69 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-0943 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 228.62 | 21.55 |
| | | *For Elevated Installation >10' To 15', Add* | *4.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.56* | |
| | | *For Elevated Installation >40', Add* | *23.71* | |
| | | *For Work In Restricted Working Space, Add* | *12.93* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.93* | |
| 26 05 33 13-0944 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 287.42 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.89* | |
| 26 05 33 13-0945 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 331.77 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.24* | |
| 26 05 33 13-0946 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 376.78 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.59* | |
| 26 05 33 13-0947 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 495.85 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.92* | |
| | | *For Elevated Installation >40', Add* | *39.51* | |
| | | *For Work In Restricted Working Space, Add* | *21.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.55* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0948 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 1,560.20 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-0949 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 1,821.75 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.54* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.84* | |
| 26 05 33 13-0950 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting | 2,239.90 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.13* | |
| | | *For Elevated Installation >40', Add* | *99.14* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.08* | |

## 26 05 33 13-0951 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0952 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 168.38 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-0953 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 244.37 | 21.55 |
| | | *For Elevated Installation >10' To 15', Add* | *4.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.56* | |
| | | *For Elevated Installation >40', Add* | *23.71* | |
| | | *For Work In Restricted Working Space, Add* | *12.93* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.93* | |
| 26 05 33 13-0954 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 290.41 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.89* | |
| 26 05 33 13-0955 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 336.71 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.24* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0956 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 390.33 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.59* | |
| 26 05 33 13-0957 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 614.90 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.92* | |
| | | *For Elevated Installation >40', Add* | *39.51* | |
| | | *For Work In Restricted Working Space, Add* | *21.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.55* | |
| 26 05 33 13-0958 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 1,739.84 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-0959 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 2,448.92 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.54* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.84* | |
| 26 05 33 13-0960 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting | 2,557.39 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.13* | |
| | | *For Elevated Installation >40', Add* | *99.14* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.08* | |

## 26 05 33 13-0961 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0962 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 133.30 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-0963 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 168.21 | 21.55 |
| | | *For Elevated Installation >10' To 15', Add* | *4.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.62* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.78* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.24* | |
| | | *For Elevated Installation >35' To 40', Add* | *21.56* | |
| | | *For Elevated Installation >40', Add* | *23.71* | |
| | | *For Work In Restricted Working Space, Add* | *12.93* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.93* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0964 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 201.52 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.89* | |
| 26 05 33 13-0965 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 223.31 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.24* | |
| 26 05 33 13-0966 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 300.66 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.59* | |
| 26 05 33 13-0967 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 424.88 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.92* | |
| | | *For Elevated Installation >40', Add* | *39.51* | |
| | | *For Work In Restricted Working Space, Add* | *21.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.55* | |
| 26 05 33 13-0968 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 1,411.42 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-0969 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 1,589.11 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.54* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.84* | |
| 26 05 33 13-0970 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting | 1,888.63 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.13* | |
| | | *For Elevated Installation >40', Add* | *99.14* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.08* | |

26 05 33 13-0971 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0797)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0972 | EA | 1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 120.85 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.81* | |
| 26 05 33 13-0973 | EA | 3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 136.31 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.92* | |
| | | *For Elevated Installation >40', Add* | *39.51* | |
| | | *For Work In Restricted Working Space, Add* | *21.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.55* | |
| 26 05 33 13-0974 | EA | 1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 168.56 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.69* | |
| 26 05 33 13-0975 | EA | 1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 220.58 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.61* | |
| 26 05 33 13-0976 | EA | 1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 257.41 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.35* | |
| 26 05 33 13-0977 | EA | 2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 350.84 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.62* | |
| 26 05 33 13-0978 | EA | 2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 590.05 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.91* | |
| 26 05 33 13-0979 | EA | 3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 755.55 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *70.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0980 | EA | 3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 1,050.02 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *88.18* | |
| 26 05 33 13-0981 | EA | 4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 1,205.47 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.97* | |
| | | *For Elevated Installation >40', Add* | *196.86* | |
| | | *For Work In Restricted Working Space, Add* | *107.38* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *107.38* | |

## 26 05 33 13-0982 Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0797)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-0983 | EA | 1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 157.88 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.57* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.26* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.69* | |
| 26 05 33 13-0984 | EA | 3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 179.95 | 45.72 |
| | | *For Elevated Installation >10' To 15', Add* | *9.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.86* | |
| | | *For Elevated Installation >25' To 30', Add* | *32.00* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.58* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.72* | |
| | | *For Elevated Installation >40', Add* | *50.29* | |
| | | *For Work In Restricted Working Space, Add* | *27.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.43* | |
| 26 05 33 13-0985 | EA | 1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 219.80 | 50.29 |
| | | *For Elevated Installation >10' To 15', Add* | *10.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *35.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *40.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *50.29* | |
| | | *For Elevated Installation >40', Add* | *55.32* | |
| | | *For Work In Restricted Working Space, Add* | *30.17* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.17* | |
| 26 05 33 13-0986 | EA | 1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 295.60 | 57.48 |
| | | *For Elevated Installation >10' To 15', Add* | *11.50* | |
| | | *For Elevated Installation >15' To 20', Add* | *22.99* | |
| | | *For Elevated Installation >20' To 25', Add* | *28.74* | |
| | | *For Elevated Installation >25' To 30', Add* | *40.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *45.98* | |
| | | *For Elevated Installation >35' To 40', Add* | *57.48* | |
| | | *For Elevated Installation >40', Add* | *63.22* | |
| | | *For Work In Restricted Working Space, Add* | *34.49* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *34.49* | |
| 26 05 33 13-0987 | EA | 1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 349.33 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.62* | |
| 26 05 33 13-0988 | EA | 2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 475.78 | 77.08 |
| | | *For Elevated Installation >10' To 15', Add* | *15.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *30.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *38.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *53.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *61.66* | |
| | | *For Elevated Installation >35' To 40', Add* | *77.07* | |
| | | *For Elevated Installation >40', Add* | *84.78* | |
| | | *For Work In Restricted Working Space, Add* | *46.24* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *46.24* | |

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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 33 13-0989 | | | Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0797)* | | |
| | | | Note: Suitable for use in hazardous locations. Class I, Div 2. | | |
| 26 05 33 13-0990 | | EA | 1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 138.95 | 35.92 |
| | | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | | *For Elevated Installation >40', Add* | *39.52* | |
| | | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.56* | |
| 26 05 33 13-0991 | | EA | 3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 158.54 | 41.80 |
| | | | *For Elevated Installation >10' To 15', Add* | *8.36* | |
| | | | *For Elevated Installation >15' To 20', Add* | *16.72* | |
| | | | *For Elevated Installation >20' To 25', Add* | *20.90* | |
| | | | *For Elevated Installation >25' To 30', Add* | *29.26* | |
| | | | *For Elevated Installation >30' To 35', Add* | *33.44* | |
| | | | *For Elevated Installation >35' To 40', Add* | *41.80* | |
| | | | *For Elevated Installation >40', Add* | *45.98* | |
| | | | *For Work In Restricted Working Space, Add* | *25.08* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *25.08* | |
| 26 05 33 13-0992 | | EA | 1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 191.84 | 45.72 |
| | | | *For Elevated Installation >10' To 15', Add* | *9.14* | |
| | | | *For Elevated Installation >15' To 20', Add* | *18.29* | |
| | | | *For Elevated Installation >20' To 25', Add* | *22.86* | |
| | | | *For Elevated Installation >25' To 30', Add* | *32.00* | |
| | | | *For Elevated Installation >30' To 35', Add* | *36.58* | |
| | | | *For Elevated Installation >35' To 40', Add* | *45.72* | |
| | | | *For Elevated Installation >40', Add* | *50.29* | |
| | | | *For Work In Restricted Working Space, Add* | *27.43* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.43* | |
| 26 05 33 13-0993 | | EA | 1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 245.85 | 52.26 |
| | | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | | *For Elevated Installation >40', Add* | *57.48* | |
| | | | *For Work In Restricted Working Space, Add* | *31.35* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.35* | |
| 26 05 33 13-0994 | | EA | 1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 291.48 | 57.48 |
| | | | *For Elevated Installation >10' To 15', Add* | *11.50* | |
| | | | *For Elevated Installation >15' To 20', Add* | *22.99* | |
| | | | *For Elevated Installation >20' To 25', Add* | *28.74* | |
| | | | *For Elevated Installation >25' To 30', Add* | *40.24* | |
| | | | *For Elevated Installation >30' To 35', Add* | *45.98* | |
| | | | *For Elevated Installation >35' To 40', Add* | *57.48* | |
| | | | *For Elevated Installation >40', Add* | *63.23* | |
| | | | *For Work In Restricted Working Space, Add* | *34.49* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *34.49* | |
| 26 05 33 13-0995 | | EA | 2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 390.88 | 67.28 |
| | | | *For Elevated Installation >10' To 15', Add* | *13.46* | |
| | | | *For Elevated Installation >15' To 20', Add* | *26.91* | |
| | | | *For Elevated Installation >20' To 25', Add* | *33.64* | |
| | | | *For Elevated Installation >25' To 30', Add* | *47.09* | |
| | | | *For Elevated Installation >30' To 35', Add* | *53.82* | |
| | | | *For Elevated Installation >35' To 40', Add* | *67.28* | |
| | | | *For Elevated Installation >40', Add* | *74.00* | |
| | | | *For Work In Restricted Working Space, Add* | *40.37* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *40.37* | |
| 26 05 33 13-0996 | | EA | 2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 628.95 | 97.97 |
| | | | *For Elevated Installation >10' To 15', Add* | *19.60* | |
| | | | *For Elevated Installation >15' To 20', Add* | *39.19* | |
| | | | *For Elevated Installation >20' To 25', Add* | *48.99* | |
| | | | *For Elevated Installation >25' To 30', Add* | *68.58* | |
| | | | *For Elevated Installation >30' To 35', Add* | *78.38* | |
| | | | *For Elevated Installation >35' To 40', Add* | *97.98* | |
| | | | *For Elevated Installation >40', Add* | *107.77* | |
| | | | *For Work In Restricted Working Space, Add* | *58.79* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *58.79* | |
| 26 05 33 13-0997 | | EA | 3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 832.52 | 127.37 |
| | | | *For Elevated Installation >10' To 15', Add* | *25.47* | |
| | | | *For Elevated Installation >15' To 20', Add* | *50.94* | |
| | | | *For Elevated Installation >20' To 25', Add* | *63.68* | |
| | | | *For Elevated Installation >25' To 30', Add* | *89.15* | |
| | | | *For Elevated Installation >30' To 35', Add* | *101.89* | |
| | | | *For Elevated Installation >35' To 40', Add* | *127.36* | |
| | | | *For Elevated Installation >40', Add* | *140.10* | |
| | | | *For Work In Restricted Working Space, Add* | *76.42* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *76.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-0998 | EA | 3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 1,144.00 | 156.76 |
| | | *For Elevated Installation >10' To 15', Add* | *31.35* | |
| | | *For Elevated Installation >15' To 20', Add* | *62.70* | |
| | | *For Elevated Installation >20' To 25', Add* | *78.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *109.73* | |
| | | *For Elevated Installation >30' To 35', Add* | *125.40* | |
| | | *For Elevated Installation >35' To 40', Add* | *156.76* | |
| | | *For Elevated Installation >40', Add* | *172.43* | |
| | | *For Work In Restricted Working Space, Add* | *94.05* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *94.05* | |
| 26 05 33 13-0999 | EA | 4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover | 1,278.51 | 188.76 |
| | | *For Elevated Installation >10' To 15', Add* | *37.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *75.51* | |
| | | *For Elevated Installation >20' To 25', Add* | *94.39* | |
| | | *For Elevated Installation >25' To 30', Add* | *132.14* | |
| | | *For Elevated Installation >30' To 35', Add* | *151.02* | |
| | | *For Elevated Installation >35' To 40', Add* | *188.77* | |
| | | *For Elevated Installation >40', Add* | *207.65* | |
| | | *For Work In Restricted Working Space, Add* | *113.26* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *113.26* | |

## 26 05 33 13-1000 Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1001 | EA | 1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 28.46 | 3.92 |
| | | *For Elevated Installation >10' To 15', Add* | *0.78* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.57* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.92* | |
| | | *For Elevated Installation >40', Add* | *4.31* | |
| | | *For Work In Restricted Working Space, Add* | *2.35* | |
| 26 05 33 13-1002 | EA | 3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 31.93 | 4.57 |
| | | *For Elevated Installation >10' To 15', Add* | *0.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.66* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.58* | |
| | | *For Elevated Installation >40', Add* | *5.03* | |
| | | *For Work In Restricted Working Space, Add* | *2.75* | |
| 26 05 33 13-1003 | EA | 1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 41.62 | 5.88 |
| | | *For Elevated Installation >10' To 15', Add* | *1.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.35* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.94* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.70* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.88* | |
| | | *For Elevated Installation >40', Add* | *6.46* | |
| | | *For Work In Restricted Working Space, Add* | *3.53* | |
| 26 05 33 13-1004 | EA | 1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 53.54 | 7.18 |
| | | *For Elevated Installation >10' To 15', Add* | *1.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.03* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.75* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.19* | |
| | | *For Elevated Installation >40', Add* | *7.90* | |
| | | *For Work In Restricted Working Space, Add* | *4.31* | |
| 26 05 33 13-1005 | EA | 1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 59.94 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| 26 05 33 13-1006 | EA | 2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 74.20 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| 26 05 33 13-1007 | EA | 2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 96.04 | 11.10 |
| | | *For Elevated Installation >10' To 15', Add* | *2.22* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.44* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.77* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.88* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.10* | |
| | | *For Elevated Installation >40', Add* | *12.21* | |
| | | *For Work In Restricted Working Space, Add* | *6.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1008 | EA | 3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 105.19 | 15.67 |
| | | *For Elevated Installation >10' To 15', Add* | *3.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.97* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.68* | |
| | | *For Elevated Installation >40', Add* | *17.24* | |
| | | *For Work In Restricted Working Space, Add* | *9.41* | |
| 26 05 33 13-1009 | EA | 3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 127.86 | 17.64 |
| | | *For Elevated Installation >10' To 15', Add* | *3.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.64* | |
| | | *For Elevated Installation >40', Add* | *19.40* | |
| | | *For Work In Restricted Working Space, Add* | *10.58* | |
| 26 05 33 13-1010 | EA | 4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined | 137.00 | 22.20 |
| | | *For Elevated Installation >10' To 15', Add* | *4.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.76* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.21* | |
| | | *For Elevated Installation >40', Add* | *24.43* | |
| | | *For Work In Restricted Working Space, Add* | *13.32* | |

## 26 05 33 13-1011 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1012 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 136.48 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.81* | |
| 26 05 33 13-1013 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 151.18 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.56* | |
| 26 05 33 13-1014 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 176.54 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.69* | |
| 26 05 33 13-1015 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 209.50 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.61* | |
| 26 05 33 13-1016 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 260.52 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1017 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 315.72 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.62* | |
| 26 05 33 13-1018 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 457.11 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.91* | |
| 26 05 33 13-1019 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 586.29 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *70.54* | |
| 26 05 33 13-1020 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 1,169.89 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *88.18* | |
| 26 05 33 13-1021 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body | 1,711.99 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.97* | |
| | | *For Elevated Installation >40', Add* | *196.86* | |
| | | *For Work In Restricted Working Space, Add* | *107.38* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *107.38* | |

## 26 05 33 13-1022 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1023 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 232.50 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.81* | |
| 26 05 33 13-1024 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 250.46 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.56* | |
| 26 05 33 13-1025 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 286.01 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1026 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 320.21 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.61* | |
| 26 05 33 13-1027 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 387.97 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.35* | |
| 26 05 33 13-1028 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 436.95 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.62* | |
| 26 05 33 13-1029 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 614.74 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.91* | |
| 26 05 33 13-1030 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 856.24 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *70.54* | |
| 26 05 33 13-1031 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 1,248.28 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *88.18* | |
| 26 05 33 13-1032 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body | 1,814.58 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.97* | |
| | | *For Elevated Installation >40', Add* | *196.86* | |
| | | *For Work In Restricted Working Space, Add* | *107.38* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *107.38* | |

## 26 05 33 13-1033 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1034 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 186.27 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1035 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 198.70 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.56* | |
| 26 05 33 13-1036 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 228.28 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.69* | |
| 26 05 33 13-1037 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 254.74 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.61* | |
| 26 05 33 13-1038 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 349.85 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.35* | |
| 26 05 33 13-1039 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 439.26 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.62* | |
| 26 05 33 13-1040 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 681.77 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.91* | |
| 26 05 33 13-1041 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 992.63 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *70.54* | |
| 26 05 33 13-1042 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body | 1,248.28 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *88.18* | |

26 05 33 13-1043 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies *(26 05 33 13-0797)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1044 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body | 246.06 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.81* | |
| 26 05 33 13-1045 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body | 273.09 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.56* | |
| 26 05 33 13-1046 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body | 338.37 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.69* | |
| 26 05 33 13-1047 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body | 417.05 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.61* | |
| 26 05 33 13-1048 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body | 579.16 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.35* | |
| 26 05 33 13-1049 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body | 694.13 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.62* | |

## 26 05 33 13-1050 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1051 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 47.58 | 12.57 |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| 26 05 33 13-1052 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 63.06 | 15.07 |
| | | *For Elevated Installation >10' To 15', Add* | *3.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.54* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.07* | |
| | | *For Elevated Installation >40', Add* | *16.58* | |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1053 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 80.15 | 20.10 |
| | | *For Elevated Installation >10' To 15', Add* | *4.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.04* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.07* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.10* | |
| | | *For Elevated Installation >40', Add* | *22.10* | |
| | | *For Work In Restricted Working Space, Add* | *12.06* | |
| 26 05 33 13-1054 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 110.22 | 25.12 |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| 26 05 33 13-1055 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 144.56 | 30.14 |
| | | *For Elevated Installation >10' To 15', Add* | *6.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.10* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.15* | |
| | | *For Elevated Installation >40', Add* | *33.16* | |
| | | *For Work In Restricted Working Space, Add* | *18.09* | |
| 26 05 33 13-1056 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 248.52 | 35.17 |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| 26 05 33 13-1057 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 360.90 | 40.19 |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| 26 05 33 13-1058 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 450.16 | 45.22 |
| | | *For Elevated Installation >10' To 15', Add* | *9.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.65* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.22* | |
| | | *For Elevated Installation >40', Add* | *49.74* | |
| | | *For Work In Restricted Working Space, Add* | *27.13* | |
| 26 05 33 13-1059 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 626.40 | 52.76 |
| | | *For Elevated Installation >10' To 15', Add* | *10.55* | |
| | | *For Elevated Installation >15' To 20', Add* | *21.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.93* | |
| | | *For Elevated Installation >30' To 35', Add* | *42.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.76* | |
| | | *For Elevated Installation >40', Add* | *58.03* | |
| | | *For Work In Restricted Working Space, Add* | *31.65* | |
| 26 05 33 13-1060 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 760.48 | 60.29 |
| | | *For Elevated Installation >10' To 15', Add* | *12.06* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.15* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *48.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *60.29* | |
| | | *For Elevated Installation >40', Add* | *66.32* | |
| | | *For Work In Restricted Working Space, Add* | *36.17* | |
| 26 05 33 13-1061 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 1,217.14 | 95.46 |
| | | *For Elevated Installation >10' To 15', Add* | *19.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *38.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *47.73* | |
| | | *For Elevated Installation >25' To 30', Add* | *66.82* | |
| | | *For Elevated Installation >30' To 35', Add* | *76.37* | |
| | | *For Elevated Installation >35' To 40', Add* | *95.46* | |
| | | *For Elevated Installation >40', Add* | *105.01* | |
| | | *For Work In Restricted Working Space, Add* | *57.28* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1062 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling | 1,664.12 | 145.71 |
| | | *For Elevated Installation >10' To 15', Add* | *29.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *72.85* | |
| | | *For Elevated Installation >25' To 30', Add* | *101.99* | |
| | | *For Elevated Installation >30' To 35', Add* | *116.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *145.71* | |
| | | *For Elevated Installation >40', Add* | *160.28* | |
| | | *For Work In Restricted Working Space, Add* | *87.42* | |

## 26 05 33 13-1063 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1064 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 175.72 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1065 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 207.68 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| 26 05 33 13-1066 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 229.24 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1067 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 329.18 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| 26 05 33 13-1068 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 433.98 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1069 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 468.58 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| 26 05 33 13-1070 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 1,105.42 | 86.87 |
| | | *For Elevated Installation >10' To 15', Add* | *17.37* | |
| | | *For Elevated Installation >15' To 20', Add* | *34.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *43.44* | |
| | | *For Elevated Installation >25' To 30', Add* | *60.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *69.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *86.87* | |
| | | *For Elevated Installation >40', Add* | *95.56* | |
| | | *For Work In Restricted Working Space, Add* | *52.12* | |
| 26 05 33 13-1071 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 1,167.04 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1072 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 1,908.14 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.79* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.88* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.97* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-1073 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow | 1,987.81 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.80* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.49* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.98* | |
| | | *For Elevated Installation >40', Add* | *196.87* | |
| | | *For Work In Restricted Working Space, Add* | *107.39* | |

## 26 05 33 13-1074 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1075 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 256.16 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1076 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 291.81 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1077 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 575.26 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1078 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 603.54 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| 26 05 33 13-1079 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 824.80 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1080 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 879.88 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1081 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 1,691.30 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| 26 05 33 13-1082 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 1,780.04 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| 26 05 33 13-1083 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 2,607.36 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-1084 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow | 2,952.58 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.97* | |
| | | *For Elevated Installation >40', Add* | *196.86* | |
| | | *For Work In Restricted Working Space, Add* | *107.38* | |

## 26 05 33 13-1085 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1086 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow | 98.33 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-1087 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow | 114.43 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-1088 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow | 136.33 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-1089 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow | 160.93 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |

## 26 05 33 13-1090 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows *(26 05 33 13-0797)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1091 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow | 77.37 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-1092 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow | 89.28 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-1093 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow | 124.08 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-1094 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow | 161.02 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-1095 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow | 196.26 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-1096 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow | 282.39 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1097 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow | 385.97 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |

## 26 05 33 13-1098 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1099 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow | 98.37 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1100 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow | 117.33 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-1101 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow | 136.35 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-1102 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow | 160.98 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |

## 26 05 33 13-1103 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1104 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 77.44 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-1105 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 89.28 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-1106 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 115.40 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-1107 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 144.17 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-1108 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 168.81 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1109 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 194.48 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1110 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 363.56 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-1111 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 416.52 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-1112 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 449.34 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-1113 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow | 554.29 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |

## 26 05 33 13-1114 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1115 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow | 162.15 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.81* | |
| 26 05 33 13-1116 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow | 175.20 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.56* | |
| 26 05 33 13-1117 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow | 191.77 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1118 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow | 257.67 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.61* | |
| 26 05 33 13-1119 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow | 327.96 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.35* | |

## 26 05 33 13-1120 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover

*(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1121 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover | 195.36 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1122 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover | 210.44 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1123 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover | 246.00 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1124 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover | 351.79 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| 26 05 33 13-1125 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover | 571.85 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1126 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover | 617.82 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1127 | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover** *(26 05 33 13-0797)* | | |
| 26 05 33 13-1128 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover | 214.20 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1129 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover | 241.87 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1130 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover | 263.93 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1131 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover | 370.01 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| 26 05 33 13-1132 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover | 615.32 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1133 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover | 657.71 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| 26 05 33 13-1134 | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover** *(26 05 33 13-0797)* | | |
| 26 05 33 13-1135 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover | 214.35 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1136 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover | 236.31 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1137 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover | 281.24 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1138 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover | 383.89 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| 26 05 33 13-1139 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover | 636.03 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1140 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover | 683.24 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |

## 26 05 33 13-1141 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1142 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover | 266.51 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1143 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover | 294.31 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1144 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover | 318.95 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1145 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover | 805.50 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 33 13-1146** | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes** *(26 05 33 13-0797)* Note: Excludes cover. | | |
| 26 05 33 13-1147 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box | 127.42 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1148 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box | 140.06 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1149 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box | 156.36 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1150 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box | 141.56 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1151 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box | 152.43 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1152 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box | 173.55 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| **26 05 33 13-1153** | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes** *(26 05 33 13-0797)* Note: Excludes cover. | | |
| 26 05 33 13-1154 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box | 134.11 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1155 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box | 147.58 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1156 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box | 161.56 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1157 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box | 151.13 | 31.35 |
| | | *For Elevated Installation >10' To 15', Add* | *6.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.54* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.08* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.36* | |
| | | *For Elevated Installation >40', Add* | *34.49* | |
| | | *For Work In Restricted Working Space, Add* | *18.81* | |
| 26 05 33 13-1158 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box | 164.77 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1159 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box | 186.25 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |

## 26 05 33 13-1160 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1161 | EA | Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover | 47.88 | 3.92 |
| | | *For Elevated Installation >10' To 15', Add* | *0.78* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.57* | |
| | | *For Elevated Installation >20' To 25', Add* | *1.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *2.74* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *3.92* | |
| | | *For Elevated Installation >40', Add* | *4.31* | |
| | | *For Work In Restricted Working Space, Add* | *2.35* | |
| 26 05 33 13-1162 | EA | Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover | 65.15 | 4.57 |
| | | *For Elevated Installation >10' To 15', Add* | *0.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.66* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.58* | |
| | | *For Elevated Installation >40', Add* | *5.03* | |
| | | *For Work In Restricted Working Space, Add* | *2.75* | |
| 26 05 33 13-1163 | EA | Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover | 61.49 | 4.57 |
| | | *For Elevated Installation >10' To 15', Add* | *0.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.66* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.58* | |
| | | *For Elevated Installation >40', Add* | *5.03* | |
| | | *For Work In Restricted Working Space, Add* | *2.75* | |
| 26 05 33 13-1164 | EA | Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover | 54.63 | 4.57 |
| | | *For Elevated Installation >10' To 15', Add* | *0.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *1.83* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.20* | |
| | | *For Elevated Installation >30' To 35', Add* | *3.66* | |
| | | *For Elevated Installation >35' To 40', Add* | *4.58* | |
| | | *For Elevated Installation >40', Add* | *5.03* | |
| | | *For Work In Restricted Working Space, Add* | *2.75* | |
| 26 05 33 13-1165 | EA | Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover | 267.20 | 6.53 |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1166 | EA | Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover | 237.47 | 6.53 |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |

## 26 05 33 13-1167 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies *(26 05 33 13-0797)*

Note: Includes covers.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1168 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body | 277.40 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1169 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body | 311.51 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| 26 05 33 13-1170 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body | 430.81 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1171 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body | 513.34 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| 26 05 33 13-1172 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body | 741.71 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| 26 05 33 13-1173 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body | 935.57 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| 26 05 33 13-1174 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body | 1,372.66 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-1175 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body | 1,703.39 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.97* | |
| | | *For Elevated Installation >40', Add* | *196.86* | |
| | | *For Work In Restricted Working Space, Add* | *107.38* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1176 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body | 277.40 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1177 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body | 311.51 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| 26 05 33 13-1178 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body | 429.61 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1179 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body | 501.23 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| 26 05 33 13-1180 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body | 752.86 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| 26 05 33 13-1181 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body | 985.58 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| 26 05 33 13-1182 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body | 1,433.03 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-1183 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body | 1,740.98 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.97* | |
| | | *For Elevated Installation >40', Add* | *196.86* | |
| | | *For Work In Restricted Working Space, Add* | *107.38* | |
| 26 05 33 13-1184 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body | 277.40 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1185 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body | 311.51 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |
| 26 05 33 13-1186 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body | 429.61 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1187 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body | 501.23 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| 26 05 33 13-1188 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body | 752.86 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| 26 05 33 13-1189 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body | 985.58 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| 26 05 33 13-1190 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body | 1,433.03 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-1191 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body | 1,740.98 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.97* | |
| | | *For Elevated Installation >40', Add* | *196.86* | |
| | | *For Work In Restricted Working Space, Add* | *107.38* | |
| 26 05 33 13-1192 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body | 277.40 | 41.15 |
| | | *For Elevated Installation >10' To 15', Add* | *8.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *41.15* | |
| | | *For Elevated Installation >40', Add* | *45.27* | |
| | | *For Work In Restricted Working Space, Add* | *24.69* | |
| 26 05 33 13-1193 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body | 311.51 | 47.68 |
| | | *For Elevated Installation >10' To 15', Add* | *9.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *23.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.38* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *47.68* | |
| | | *For Elevated Installation >40', Add* | *52.45* | |
| | | *For Work In Restricted Working Space, Add* | *28.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1194 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body | 430.81 | 52.26 |
| | | *For Elevated Installation >10' To 15', Add* | *10.45* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.90* | |
| | | *For Elevated Installation >20' To 25', Add* | *26.13* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *52.25* | |
| | | *For Elevated Installation >40', Add* | *57.48* | |
| | | *For Work In Restricted Working Space, Add* | *31.35* | |
| 26 05 33 13-1195 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body | 507.75 | 62.71 |
| | | *For Elevated Installation >10' To 15', Add* | *12.54* | |
| | | *For Elevated Installation >15' To 20', Add* | *25.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.89* | |
| | | *For Elevated Installation >30' To 35', Add* | *50.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.71* | |
| | | *For Elevated Installation >40', Add* | *68.98* | |
| | | *For Work In Restricted Working Space, Add* | *37.62* | |
| 26 05 33 13-1196 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body | 741.71 | 88.18 |
| | | *For Elevated Installation >10' To 15', Add* | *17.64* | |
| | | *For Elevated Installation >15' To 20', Add* | *35.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *44.09* | |
| | | *For Elevated Installation >25' To 30', Add* | *61.72* | |
| | | *For Elevated Installation >30' To 35', Add* | *70.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *88.18* | |
| | | *For Elevated Installation >40', Add* | *96.99* | |
| | | *For Work In Restricted Working Space, Add* | *52.91* | |
| 26 05 33 13-1197 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body | 935.57 | 117.57 |
| | | *For Elevated Installation >10' To 15', Add* | *23.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *47.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *58.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *82.30* | |
| | | *For Elevated Installation >30' To 35', Add* | *94.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *117.57* | |
| | | *For Elevated Installation >40', Add* | *129.33* | |
| | | *For Work In Restricted Working Space, Add* | *70.54* | |
| 26 05 33 13-1198 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body | 1,372.66 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-1199 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body | 1,719.04 | 178.96 |
| | | *For Elevated Installation >10' To 15', Add* | *35.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *71.59* | |
| | | *For Elevated Installation >20' To 25', Add* | *89.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *125.28* | |
| | | *For Elevated Installation >30' To 35', Add* | *143.17* | |
| | | *For Elevated Installation >35' To 40', Add* | *178.97* | |
| | | *For Elevated Installation >40', Add* | *196.86* | |
| | | *For Work In Restricted Working Space, Add* | *107.38* | |

## 26 05 33 13-1200 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1201 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover | 138.86 | 5.88 |
| | | *For Elevated Installation >10' To 15', Add* | *1.18* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.35* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.94* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.11* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.70* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.88* | |
| | | *For Elevated Installation >40', Add* | *6.46* | |
| | | *For Work In Restricted Working Space, Add* | *3.53* | |
| 26 05 33 13-1202 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover | 140.18 | 6.53 |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| 26 05 33 13-1203 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover | 198.17 | 9.15 |
| | | *For Elevated Installation >10' To 15', Add* | *1.83* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.57* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.40* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.15* | |
| | | *For Elevated Installation >40', Add* | *10.06* | |
| | | *For Work In Restricted Working Space, Add* | *5.49* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1204 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover | 200.78 | 10.45 |
| | | *For Elevated Installation >10' To 15', Add* | *2.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.23* | |
| | | *For Elevated Installation >25' To 30', Add* | *7.32* | |
| | | *For Elevated Installation >30' To 35', Add* | *8.36* | |
| | | *For Elevated Installation >35' To 40', Add* | *10.45* | |
| | | *For Elevated Installation >40', Add* | *11.50* | |
| | | *For Work In Restricted Working Space, Add* | *6.27* | |
| 26 05 33 13-1205 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover | 351.23 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| 26 05 33 13-1206 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover | 357.76 | 15.67 |
| | | *For Elevated Installation >10' To 15', Add* | *3.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.97* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.68* | |
| | | *For Elevated Installation >40', Add* | *17.24* | |
| | | *For Work In Restricted Working Space, Add* | *9.41* | |
| 26 05 33 13-1207 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover | 539.23 | 17.64 |
| | | *For Elevated Installation >10' To 15', Add* | *3.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *17.64* | |
| | | *For Elevated Installation >40', Add* | *19.40* | |
| | | *For Work In Restricted Working Space, Add* | *10.58* | |
| 26 05 33 13-1208 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover | 549.68 | 22.86 |
| | | *For Elevated Installation >10' To 15', Add* | *4.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.14* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.43* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.00* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.29* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.86* | |
| | | *For Elevated Installation >40', Add* | *25.15* | |
| | | *For Work In Restricted Working Space, Add* | *13.72* | |

### 26 05 33 13-1209 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1210 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 238.74 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-1211 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 282.01 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-1212 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 333.76 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-1213 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 411.29 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1214 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 550.19 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-1215 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 762.38 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1216 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 1,089.21 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-1217 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 1,354.01 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-1218 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 1,900.86 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-1219 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting | 2,190.12 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |

## 26 05 33 13-1220 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1221 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 379.93 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-1222 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 394.30 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-1223 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 442.72 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1224 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 535.81 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-1225 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 649.61 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-1226 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 830.82 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1227 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 1,227.08 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-1228 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 1,538.25 | 61.39 |
| | | *For Elevated Installation >10' To 15', Add* | *12.28* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.56* | |
| | | *For Elevated Installation >20' To 25', Add* | *30.70* | |
| | | *For Elevated Installation >25' To 30', Add* | *42.98* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *61.40* | |
| | | *For Elevated Installation >40', Add* | *67.53* | |
| | | *For Work In Restricted Working Space, Add* | *36.84* | |
| 26 05 33 13-1229 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 1,960.34 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-1230 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper | 2,453.55 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |

## 26 05 33 13-1231 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1232 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 78.72 | 7.84 |
| | | *For Elevated Installation >10' To 15', Add* | *1.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.92* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.27* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.84* | |
| | | *For Elevated Installation >40', Add* | *8.62* | |
| | | *For Work In Restricted Working Space, Add* | *4.70* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1233 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 85.30 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1234 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 93.81 | 11.75 |
| | | *For Elevated Installation >10' To 15', Add* | *2.35* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.70* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.76* | |
| | | *For Elevated Installation >40', Add* | *12.94* | |
| | | *For Work In Restricted Working Space, Add* | *7.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.06* | |
| 26 05 33 13-1235 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 106.08 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1236 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 142.82 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1237 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 174.59 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1238 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 250.08 | 22.86 |
| | | *For Elevated Installation >10' To 15', Add* | *4.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.14* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.43* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.00* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.29* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.86* | |
| | | *For Elevated Installation >40', Add* | *25.15* | |
| | | *For Work In Restricted Working Space, Add* | *13.72* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.72* | |
| 26 05 33 13-1239 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 326.42 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |
| 26 05 33 13-1240 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 417.00 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1241 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 524.40 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-1242 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 651.35 | 73.15 |
| | | *For Elevated Installation >10' To 15', Add* | *14.63* | |
| | | *For Elevated Installation >15' To 20', Add* | *29.26* | |
| | | *For Elevated Installation >20' To 25', Add* | *36.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *51.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *58.52* | |
| | | *For Elevated Installation >35' To 40', Add* | *73.16* | |
| | | *For Elevated Installation >40', Add* | *80.47* | |
| | | *For Work In Restricted Working Space, Add* | *43.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *43.89* | |
| 26 05 33 13-1243 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub | 982.33 | 110.38 |
| | | *For Elevated Installation >10' To 15', Add* | *22.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *44.15* | |
| | | *For Elevated Installation >20' To 25', Add* | *55.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *77.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *88.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *110.39* | |
| | | *For Elevated Installation >40', Add* | *121.42* | |
| | | *For Work In Restricted Working Space, Add* | *66.23* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.23* | |

## 26 05 33 13-1244 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1245 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 118.83 | 7.84 |
| | | *For Elevated Installation >10' To 15', Add* | *1.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.92* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.27* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.84* | |
| | | *For Elevated Installation >40', Add* | *8.62* | |
| | | *For Work In Restricted Working Space, Add* | *4.70* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.70* | |
| 26 05 33 13-1246 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 125.70 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1247 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 135.10 | 11.75 |
| | | *For Elevated Installation >10' To 15', Add* | *2.35* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.70* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.76* | |
| | | *For Elevated Installation >40', Add* | *12.94* | |
| | | *For Work In Restricted Working Space, Add* | *7.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.06* | |
| 26 05 33 13-1248 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 154.22 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1249 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 165.55 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1250 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 187.25 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1251 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 285.61 | 22.86 |
| | | *For Elevated Installation >10' To 15', Add* | *4.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.14* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.43* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.00* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.29* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.86* | |
| | | *For Elevated Installation >40', Add* | *25.15* | |
| | | *For Work In Restricted Working Space, Add* | *13.72* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.72* | |
| 26 05 33 13-1252 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 341.74 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |
| 26 05 33 13-1253 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 420.31 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.77* | |
| 26 05 33 13-1254 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 545.76 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-1255 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 848.90 | 73.15 |
| | | *For Elevated Installation >10' To 15', Add* | *14.63* | |
| | | *For Elevated Installation >15' To 20', Add* | *29.26* | |
| | | *For Elevated Installation >20' To 25', Add* | *36.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *51.21* | |
| | | *For Elevated Installation >30' To 35', Add* | *58.52* | |
| | | *For Elevated Installation >35' To 40', Add* | *73.16* | |
| | | *For Elevated Installation >40', Add* | *80.47* | |
| | | *For Work In Restricted Working Space, Add* | *43.89* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *43.89* | |
| 26 05 33 13-1256 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub | 1,389.44 | 110.38 |
| | | *For Elevated Installation >10' To 15', Add* | *22.08* | |
| | | *For Elevated Installation >15' To 20', Add* | *44.15* | |
| | | *For Elevated Installation >20' To 25', Add* | *55.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *77.27* | |
| | | *For Elevated Installation >30' To 35', Add* | *88.31* | |
| | | *For Elevated Installation >35' To 40', Add* | *110.39* | |
| | | *For Elevated Installation >40', Add* | *121.42* | |
| | | *For Work In Restricted Working Space, Add* | *66.23* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.23* | |

## 26 05 33 13-1257 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1258 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub | 127.75 | 7.84 |
| | | *For Elevated Installation >10' To 15', Add* | *1.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.92* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.27* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.84* | |
| | | *For Elevated Installation >40', Add* | *8.62* | |
| | | *For Work In Restricted Working Space, Add* | *4.70* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1259 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub | 134.16 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1260 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub | 143.94 | 11.75 |
| | | *For Elevated Installation >10' To 15', Add* | *2.35* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.70* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.76* | |
| | | *For Elevated Installation >40', Add* | *12.94* | |
| | | *For Work In Restricted Working Space, Add* | *7.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.06* | |
| 26 05 33 13-1261 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub | 181.07 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1262 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub | 197.96 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1263 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub | 209.62 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |

## 26 05 33 13-1264 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1265 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 94.54 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-1266 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 103.49 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-1267 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 134.10 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1268 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 193.41 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-1269 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 229.27 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-1270 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 290.35 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1271 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 385.95 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-1272 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 497.95 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-1273 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 644.35 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |
| 26 05 33 13-1274 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 829.83 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| 26 05 33 13-1275 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 1,508.02 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-1276 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union | 1,887.51 | 220.77 |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |

26 05 33 13-1277 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions *(26 05 33 13-0797)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1278 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 96.62 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-1279 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 111.45 | 20.25 |
| | | *For Elevated Installation >10' To 15', Add* | *4.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.10* | |
| | | *For Elevated Installation >20' To 25', Add* | *10.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *14.17* | |
| | | *For Elevated Installation >30' To 35', Add* | *16.20* | |
| | | *For Elevated Installation >35' To 40', Add* | *20.25* | |
| | | *For Elevated Installation >40', Add* | *22.27* | |
| | | *For Work In Restricted Working Space, Add* | *12.15* | |
| 26 05 33 13-1280 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 138.34 | 24.82 |
| | | *For Elevated Installation >10' To 15', Add* | *4.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.93* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.41* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.86* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.82* | |
| | | *For Elevated Installation >40', Add* | *27.30* | |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| 26 05 33 13-1281 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 201.21 | 28.74 |
| | | *For Elevated Installation >10' To 15', Add* | *5.75* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.50* | |
| | | *For Elevated Installation >20' To 25', Add* | *14.37* | |
| | | *For Elevated Installation >25' To 30', Add* | *20.12* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.99* | |
| | | *For Elevated Installation >35' To 40', Add* | *28.74* | |
| | | *For Elevated Installation >40', Add* | *31.61* | |
| | | *For Work In Restricted Working Space, Add* | *17.24* | |
| 26 05 33 13-1282 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 240.08 | 32.66 |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| 26 05 33 13-1283 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 313.70 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |
| 26 05 33 13-1284 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 435.91 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-1285 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 548.76 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| 26 05 33 13-1286 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 736.19 | 69.23 |
| | | *For Elevated Installation >10' To 15', Add* | *13.85* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *34.62* | |
| | | *For Elevated Installation >25' To 30', Add* | *48.46* | |
| | | *For Elevated Installation >30' To 35', Add* | *55.39* | |
| | | *For Elevated Installation >35' To 40', Add* | *69.24* | |
| | | *For Elevated Installation >40', Add* | *76.16* | |
| | | *For Work In Restricted Working Space, Add* | *41.54* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1287 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 921.34 | 90.13 |
| | | *For Elevated Installation >10' To 15', Add* | *18.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.09* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.14* | |
| | | *For Elevated Installation >40', Add* | *99.15* | |
| | | *For Work In Restricted Working Space, Add* | *54.08* | |
| 26 05 33 13-1288 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 1,675.77 | 146.96 |
| | | *For Elevated Installation >10' To 15', Add* | *29.39* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.78* | |
| | | *For Elevated Installation >20' To 25', Add* | *73.48* | |
| | | *For Elevated Installation >25' To 30', Add* | *102.87* | |
| | | *For Elevated Installation >30' To 35', Add* | *117.57* | |
| | | *For Elevated Installation >35' To 40', Add* | *146.96* | |
| | | *For Elevated Installation >40', Add* | *161.66* | |
| | | *For Work In Restricted Working Space, Add* | *88.18* | |
| 26 05 33 13-1289 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union | 2,158.37 | 220.77 |
| | | *For Elevated Installation >10' To 15', Add* | *44.15* | |
| | | *For Elevated Installation >15' To 20', Add* | *88.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *110.38* | |
| | | *For Elevated Installation >25' To 30', Add* | *154.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *176.61* | |
| | | *For Elevated Installation >35' To 40', Add* | *220.77* | |
| | | *For Elevated Installation >40', Add* | *242.84* | |
| | | *For Work In Restricted Working Space, Add* | *132.46* | |

## 26 05 33 13-1290 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1291 | EA | 3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 52.31 | 5.22 |
| | | *For Elevated Installation >10' To 15', Add* | *1.05* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.09* | |
| | | *For Elevated Installation >20' To 25', Add* | *2.61* | |
| | | *For Elevated Installation >25' To 30', Add* | *3.66* | |
| | | *For Elevated Installation >30' To 35', Add* | *4.18* | |
| | | *For Elevated Installation >35' To 40', Add* | *5.23* | |
| | | *For Elevated Installation >40', Add* | *5.75* | |
| | | *For Work In Restricted Working Space, Add* | *3.14* | |
| 26 05 33 13-1292 | EA | 1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 57.45 | 6.53 |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| 26 05 33 13-1293 | EA | 1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 65.26 | 6.53 |
| | | *For Elevated Installation >10' To 15', Add* | *1.31* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.61* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.27* | |
| | | *For Elevated Installation >25' To 30', Add* | *4.57* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.23* | |
| | | *For Elevated Installation >35' To 40', Add* | *6.54* | |
| | | *For Elevated Installation >40', Add* | *7.19* | |
| | | *For Work In Restricted Working Space, Add* | *3.92* | |
| 26 05 33 13-1294 | EA | 1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 80.59 | 7.18 |
| | | *For Elevated Installation >10' To 15', Add* | *1.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.03* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.75* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.19* | |
| | | *For Elevated Installation >40', Add* | *7.90* | |
| | | *For Work In Restricted Working Space, Add* | *4.31* | |
| 26 05 33 13-1295 | EA | 1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 85.09 | 7.18 |
| | | *For Elevated Installation >10' To 15', Add* | *1.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *2.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.03* | |
| | | *For Elevated Installation >30' To 35', Add* | *5.75* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.19* | |
| | | *For Elevated Installation >40', Add* | *7.90* | |
| | | *For Work In Restricted Working Space, Add* | *4.31* | |
| 26 05 33 13-1296 | EA | 1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 73.26 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.50* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1297 | EA | 1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 83.33 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.50* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.10* | |
| 26 05 33 13-1298 | EA | 1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 128.61 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.80* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.50* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.10* | |
| 26 05 33 13-1299 | EA | 2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 142.99 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| 26 05 33 13-1300 | EA | 2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 139.08 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| 26 05 33 13-1301 | EA | 2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 146.34 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| 26 05 33 13-1302 | EA | 2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 164.61 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| 26 05 33 13-1303 | EA | 2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 163.63 | 11.75 |
| | | *For Elevated Installation >10' To 15', Add* | *2.35* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.70* | |
| | | *For Elevated Installation >20' To 25', Add* | *5.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.41* | |
| | | *For Elevated Installation >35' To 40', Add* | *11.76* | |
| | | *For Elevated Installation >40', Add* | *12.94* | |
| | | *For Work In Restricted Working Space, Add* | *7.06* | |
| 26 05 33 13-1304 | EA | 3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 208.73 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| 26 05 33 13-1305 | EA | 3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 307.00 | 18.94 |
| | | *For Elevated Installation >10' To 15', Add* | *3.79* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.58* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.47* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.26* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.95* | |
| | | *For Elevated Installation >40', Add* | *20.84* | |
| | | *For Work In Restricted Working Space, Add* | *11.37* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1306 | EA | 4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 410.79 | 26.12 |
| | | *For Elevated Installation >10' To 15', Add* | *5.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.45* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.07* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.29* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.90* | |
| | | *For Elevated Installation >35' To 40', Add* | *26.13* | |
| | | *For Elevated Installation >40', Add* | *28.74* | |
| | | *For Work In Restricted Working Space, Add* | *15.68* | |
| 26 05 33 13-1307 | EA | 5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling | 513.91 | 35.92 |
| | | *For Elevated Installation >10' To 15', Add* | *7.19* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.37* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.96* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.15* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.93* | |
| | | *For Elevated Installation >40', Add* | *39.52* | |
| | | *For Work In Restricted Working Space, Add* | *21.56* | |

## 26 05 33 13-1308 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples *(26 05 33 13-0797)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1309 | EA | 1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 33.22 | 7.84 |
| | | *For Elevated Installation >10' To 15', Add* | *1.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *3.92* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.27* | |
| | | *For Elevated Installation >35' To 40', Add* | *7.84* | |
| | | *For Elevated Installation >40', Add* | *8.62* | |
| | | *For Work In Restricted Working Space, Add* | *4.70* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.70* | |
| 26 05 33 13-1310 | EA | 3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 37.47 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1311 | EA | 1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 43.69 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |
| 26 05 33 13-1312 | EA | 1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 51.95 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1313 | EA | 1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 56.63 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1314 | EA | 1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 36.78 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1315 | EA | 3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 39.87 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1316 | EA | 1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 46.11 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |
| 26 05 33 13-1317 | EA | 1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 54.51 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1318 | EA | 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 59.39 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.17* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1319 | EA | 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 64.50 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1320 | EA | 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 36.95 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |
| 26 05 33 13-1321 | EA | 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 40.04 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1322 | EA | 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 46.42 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1323 | EA | 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 54.85 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1324 | EA | 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 59.72 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1325 | EA | 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 65.36 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1326 | EA | 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 39.23 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |
| 26 05 33 13-1327 | EA | 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 42.32 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1328 | EA | 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 48.87 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |
| 26 05 33 13-1329 | EA | 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 56.24 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1330 | EA | 1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 61.25 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1331 | EA | 2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 68.05 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1332 | EA | 2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 94.37 | 22.20 |
| | | *For Elevated Installation >10' To 15', Add* | *4.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.76* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.21* | |
| | | *For Elevated Installation >40', Add* | *24.43* | |
| | | *For Work In Restricted Working Space, Add* | *13.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.32* | |
| 26 05 33 13-1333 | EA | 3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 122.52 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |
| 26 05 33 13-1334 | EA | 1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 39.40 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |
| 26 05 33 13-1335 | EA | 3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 42.63 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1336 | EA | 1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 49.20 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |
| 26 05 33 13-1337 | EA | 1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 57.63 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1338 | EA | 1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 62.79 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1339 | EA | 2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 70.73 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1340 | EA | 2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 96.75 | 22.20 |
| | | *For Elevated Installation >10' To 15', Add* | *4.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.76* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.21* | |
| | | *For Elevated Installation >40', Add* | *24.43* | |
| | | *For Work In Restricted Working Space, Add* | *13.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.32* | |
| 26 05 33 13-1341 | EA | 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 127.63 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |
| 26 05 33 13-1342 | EA | 3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 151.85 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.77* | |
| 26 05 33 13-1343 | EA | 4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 178.52 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-1344 | EA | 1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 39.71 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |
| 26 05 33 13-1345 | EA | 3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 42.96 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1346 | EA | 1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 49.56 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1347 | EA | 1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 58.28 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1348 | EA | 1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 63.46 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1349 | EA | 2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 72.20 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1350 | EA | 2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 106.19 | 22.20 |
| | | *For Elevated Installation >10' To 15', Add* | *4.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.76* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.21* | |
| | | *For Elevated Installation >40', Add* | *24.43* | |
| | | *For Work In Restricted Working Space, Add* | *13.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.32* | |
| 26 05 33 13-1351 | EA | 3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 135.28 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |
| 26 05 33 13-1352 | EA | 3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 153.48 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.77* | |
| 26 05 33 13-1353 | EA | 4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 182.89 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-1354 | EA | 5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 268.37 | 62.05 |
| | | *For Elevated Installation >10' To 15', Add* | *12.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.05* | |
| | | *For Elevated Installation >40', Add* | *68.25* | |
| | | *For Work In Restricted Working Space, Add* | *37.23* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1355 | EA | 1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 40.31 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |
| 26 05 33 13-1356 | EA | 3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 43.56 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1357 | EA | 1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 50.21 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |
| 26 05 33 13-1358 | EA | 1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 59.47 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1359 | EA | 1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 64.90 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1360 | EA | 2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 73.66 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1361 | EA | 2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 115.78 | 22.20 |
| | | *For Elevated Installation >10' To 15', Add* | *4.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.76* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.21* | |
| | | *For Elevated Installation >40', Add* | *24.43* | |
| | | *For Work In Restricted Working Space, Add* | *13.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.32* | |
| 26 05 33 13-1362 | EA | 3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 145.44 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1363 | EA | 3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 162.63 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.77* | |
| 26 05 33 13-1364 | EA | 4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 198.33 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-1365 | EA | 5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 291.45 | 62.05 |
| | | *For Elevated Installation >10' To 15', Add* | *12.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.05* | |
| | | *For Elevated Installation >40', Add* | *68.25* | |
| | | *For Work In Restricted Working Space, Add* | *37.23* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.23* | |
| 26 05 33 13-1366 | EA | 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 41.24 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |
| 26 05 33 13-1367 | EA | 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 44.48 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1368 | EA | 1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 51.65 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |
| 26 05 33 13-1369 | EA | 1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 59.79 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1370 | EA | 1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 67.82 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1371 | EA | 2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 80.80 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1372 | EA | 2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 127.58 | 22.20 |
| | | *For Elevated Installation >10' To 15', Add* | *4.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.76* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.21* | |
| | | *For Elevated Installation >40', Add* | *24.43* | |
| | | *For Work In Restricted Working Space, Add* | *13.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.32* | |
| 26 05 33 13-1373 | EA | 3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 159.35 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |
| 26 05 33 13-1374 | EA | 3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 185.55 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.77* | |
| 26 05 33 13-1375 | EA | 4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 221.51 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-1376 | EA | 5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 307.28 | 62.05 |
| | | *For Elevated Installation >10' To 15', Add* | *12.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.05* | |
| | | *For Elevated Installation >40', Add* | *68.25* | |
| | | *For Work In Restricted Working Space, Add* | *37.23* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.23* | |
| 26 05 33 13-1377 | EA | 1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 42.22 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |
| 26 05 33 13-1378 | EA | 3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 45.43 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1379 | EA | 1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 53.06 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |
| 26 05 33 13-1380 | EA | 1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 64.10 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1381 | EA | 1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 74.77 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1382 | EA | 2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 91.30 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1383 | EA | 2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 140.04 | 22.20 |
| | | *For Elevated Installation >10' To 15', Add* | *4.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.76* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.21* | |
| | | *For Elevated Installation >40', Add* | *24.43* | |
| | | *For Work In Restricted Working Space, Add* | *13.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.32* | |
| 26 05 33 13-1384 | EA | 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 177.16 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |
| 26 05 33 13-1385 | EA | 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 209.62 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.77* | |
| 26 05 33 13-1386 | EA | 4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 262.07 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1387 | EA | 5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 338.85 | 62.05 |
| | | *For Elevated Installation >10' To 15', Add* | *12.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.05* | |
| | | *For Elevated Installation >40', Add* | *68.25* | |
| | | *For Work In Restricted Working Space, Add* | *37.23* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.23* | |
| 26 05 33 13-1388 | EA | 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 43.23 | 8.49 |
| | | *For Elevated Installation >10' To 15', Add* | *1.70* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.40* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.25* | |
| | | *For Elevated Installation >25' To 30', Add* | *5.94* | |
| | | *For Elevated Installation >30' To 35', Add* | *6.79* | |
| | | *For Elevated Installation >35' To 40', Add* | *8.49* | |
| | | *For Elevated Installation >40', Add* | *9.34* | |
| | | *For Work In Restricted Working Space, Add* | *5.09* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.09* | |
| 26 05 33 13-1389 | EA | 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 46.56 | 9.80 |
| | | *For Elevated Installation >10' To 15', Add* | *1.96* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.92* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.90* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.84* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.80* | |
| | | *For Elevated Installation >40', Add* | *10.77* | |
| | | *For Work In Restricted Working Space, Add* | *5.88* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.88* | |
| 26 05 33 13-1390 | EA | 1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 56.66 | 12.41 |
| | | *For Elevated Installation >10' To 15', Add* | *2.48* | |
| | | *For Elevated Installation >15' To 20', Add* | *4.96* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.21* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.69* | |
| | | *For Elevated Installation >30' To 35', Add* | *9.93* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.41* | |
| | | *For Elevated Installation >40', Add* | *13.65* | |
| | | *For Work In Restricted Working Space, Add* | *7.45* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.45* | |
| 26 05 33 13-1391 | EA | 1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 71.20 | 14.37 |
| | | *For Elevated Installation >10' To 15', Add* | *2.87* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.75* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.19* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.06* | |
| | | *For Elevated Installation >30' To 35', Add* | *11.50* | |
| | | *For Elevated Installation >35' To 40', Add* | *14.37* | |
| | | *For Elevated Installation >40', Add* | *15.81* | |
| | | *For Work In Restricted Working Space, Add* | *8.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.62* | |
| 26 05 33 13-1392 | EA | 1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 83.19 | 16.33 |
| | | *For Elevated Installation >10' To 15', Add* | *3.27* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.53* | |
| | | *For Elevated Installation >20' To 25', Add* | *8.16* | |
| | | *For Elevated Installation >25' To 30', Add* | *11.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *13.06* | |
| | | *For Elevated Installation >35' To 40', Add* | *16.33* | |
| | | *For Elevated Installation >40', Add* | *17.96* | |
| | | *For Work In Restricted Working Space, Add* | *9.80* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.80* | |
| 26 05 33 13-1393 | EA | 2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 99.74 | 18.29 |
| | | *For Elevated Installation >10' To 15', Add* | *3.66* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.31* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.14* | |
| | | *For Elevated Installation >25' To 30', Add* | *12.80* | |
| | | *For Elevated Installation >30' To 35', Add* | *14.63* | |
| | | *For Elevated Installation >35' To 40', Add* | *18.29* | |
| | | *For Elevated Installation >40', Add* | *20.11* | |
| | | *For Work In Restricted Working Space, Add* | *10.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.97* | |
| 26 05 33 13-1394 | EA | 2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 156.68 | 22.20 |
| | | *For Elevated Installation >10' To 15', Add* | *4.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.54* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.76* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.21* | |
| | | *For Elevated Installation >40', Add* | *24.43* | |
| | | *For Work In Restricted Working Space, Add* | *13.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1395 | EA | 3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 203.87 | 30.70 |
| | | *For Elevated Installation >10' To 15', Add* | *6.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.49* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *30.70* | |
| | | *For Elevated Installation >40', Add* | *33.76* | |
| | | *For Work In Restricted Working Space, Add* | *18.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.42* | |
| 26 05 33 13-1396 | EA | 3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 224.39 | 34.62 |
| | | *For Elevated Installation >10' To 15', Add* | *6.92* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.31* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *27.69* | |
| | | *For Elevated Installation >35' To 40', Add* | *34.62* | |
| | | *For Elevated Installation >40', Add* | *38.08* | |
| | | *For Work In Restricted Working Space, Add* | *20.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.77* | |
| 26 05 33 13-1397 | EA | 4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 274.52 | 45.07 |
| | | *For Elevated Installation >10' To 15', Add* | *9.01* | |
| | | *For Elevated Installation >15' To 20', Add* | *18.03* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.53* | |
| | | *For Elevated Installation >25' To 30', Add* | *31.55* | |
| | | *For Elevated Installation >30' To 35', Add* | *36.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *45.07* | |
| | | *For Elevated Installation >40', Add* | *49.57* | |
| | | *For Work In Restricted Working Space, Add* | *27.04* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.04* | |
| 26 05 33 13-1398 | EA | 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple | 343.36 | 62.05 |
| | | *For Elevated Installation >10' To 15', Add* | *12.41* | |
| | | *For Elevated Installation >15' To 20', Add* | *24.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *31.02* | |
| | | *For Elevated Installation >25' To 30', Add* | *43.43* | |
| | | *For Elevated Installation >30' To 35', Add* | *49.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *62.05* | |
| | | *For Elevated Installation >40', Add* | *68.25* | |
| | | *For Work In Restricted Working Space, Add* | *37.23* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.23* | |

## 26 05 33 13-1399 Aluminum Rigid Conduit (ARC) *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

## 26 05 33 13-1400 Aluminum Rigid Conduit (ARC) With Threaded Coupling *(26 05 33 13-1399)*

Note: Includes field bend conduit up to 1".

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1401 | LF | 1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 6.04 | 2.01 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.75* | |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| 26 05 33 13-1402 | LF | 3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 6.88 | 2.21 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.83* | |
| | | *For Work In Restricted Working Space, Add* | *1.66* | |
| 26 05 33 13-1403 | LF | 1" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 7.95 | 2.41 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.90* | |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| 26 05 33 13-1404 | LF | 1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 9.05 | 2.62 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.98* | |
| | | *For Work In Restricted Working Space, Add* | *1.96* | |
| 26 05 33 13-1405 | LF | 1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 10.16 | 2.82 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.05* | |
| | | *For Work In Restricted Working Space, Add* | *2.11* | |
| 26 05 33 13-1406 | LF | 2" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 12.23 | 3.22 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.21* | |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| 26 05 33 13-1407 | LF | 2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 16.67 | 4.02 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.51* | |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| 26 05 33 13-1408 | LF | 3" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 20.75 | 4.82 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.81* | |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| 26 05 33 13-1409 | LF | 3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 25.51 | 6.03 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *2.26* | |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| 26 05 33 13-1410 | LF | 4" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 31.45 | 7.64 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *2.86* | |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| 26 05 33 13-1411 | LF | 5" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 41.81 | 9.65 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *3.62* | |
| | | *For Work In Restricted Working Space, Add* | *7.24* | |
| 26 05 33 13-1412 | LF | 6" Aluminum Rigid Conduit (ARC) With Threaded Coupling | 53.42 | 12.05 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *4.52* | |
| | | *For Work In Restricted Working Space, Add* | *9.04* | |

## 26 05 33 13-1413 Aluminum 90 Degree Elbows *(26 05 33 13-1399)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1414 | EA | 1" Aluminum 90 Degree Elbow | 36.90 | 10.45 |
| | | *For Work In Restricted Working Space, Add* | *7.84* | |

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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 33 13-1415 | | EA | 1-1/4" Aluminum 90 Degree Elbow | 46.76 | 11.85 |
| | | | *For Work In Restricted Working Space, Add* | *8.89* | |
| 26 05 33 13-1416 | | EA | 1-1/2" Aluminum 90 Degree Elbow | 56.95 | 13.67 |
| | | | *For Work In Restricted Working Space, Add* | *10.25* | |
| 26 05 33 13-1417 | | EA | 2" Aluminum 90 Degree Elbow | 72.73 | 15.67 |
| | | | *For Work In Restricted Working Space, Add* | *11.76* | |
| 26 05 33 13-1418 | | EA | 2-1/2" Aluminum 90 Degree Elbow | 104.25 | 19.09 |
| | | | *For Work In Restricted Working Space, Add* | *14.32* | |
| 26 05 33 13-1419 | | EA | 3" Aluminum 90 Degree Elbow | 149.10 | 24.72 |
| | | | *For Work In Restricted Working Space, Add* | *18.54* | |
| 26 05 33 13-1420 | | EA | 3-1/2" Aluminum 90 Degree Elbow | 205.49 | 27.74 |
| | | | *For Work In Restricted Working Space, Add* | *20.80* | |
| 26 05 33 13-1421 | | EA | 4" Aluminum 90 Degree Elbow | 248.36 | 34.77 |
| | | | *For Work In Restricted Working Space, Add* | *26.08* | |
| 26 05 33 13-1422 | | EA | 5" Aluminum 90 Degree Elbow | 619.04 | 56.67 |
| | | | *For Work In Restricted Working Space, Add* | *42.51* | |
| 26 05 33 13-1423 | | EA | 6" Aluminum 90 Degree Elbow | 873.48 | 85.21 |
| | | | *For Work In Restricted Working Space, Add* | *63.91* | |

### 26 05 33 13-1424 Aluminum Bushing Set With Locknut *(26 05 33 13-1399)*

| | | | | | |
|---|---|---|---|---|---|
| 26 05 33 13-1425 | | EA | 1/2" Aluminum Bushing Set With Locknut | 10.87 | 4.02 |
| | | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |
| 26 05 33 13-1426 | | EA | 3/4" Aluminum Bushing Set With Locknut | 16.37 | 5.22 |
| | | | *For Work In Restricted Working Space, Add* | *3.92* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-1427 | | EA | 1" Aluminum Bushing Set With Locknut | 16.60 | 6.43 |
| | | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |
| 26 05 33 13-1428 | | EA | 1-1/4" Aluminum Bushing Set With Locknut | 18.68 | 7.23 |
| | | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |
| 26 05 33 13-1429 | | EA | 1-1/2" Aluminum Bushing Set With Locknut | 22.86 | 8.84 |
| | | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-1430 | | EA | 2" Aluminum Bushing Set With Locknut | 27.87 | 10.65 |
| | | | *For Work In Restricted Working Space, Add* | *7.99* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.99* | |
| 26 05 33 13-1431 | | EA | 2-1/2" Aluminum Bushing Set With Locknut | 34.20 | 12.67 |
| | | | *For Work In Restricted Working Space, Add* | *9.50* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.50* | |
| 26 05 33 13-1432 | | EA | 3" Aluminum Bushing Set With Locknut | 39.95 | 14.47 |
| | | | *For Work In Restricted Working Space, Add* | *10.85* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.85* | |
| 26 05 33 13-1433 | | EA | 3-1/2" Aluminum Bushing Set With Locknut | 43.21 | 15.67 |
| | | | *For Work In Restricted Working Space, Add* | *11.76* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.76* | |
| 26 05 33 13-1434 | | EA | 4" Aluminum Bushing Set With Locknut | 47.04 | 16.88 |
| | | | *For Work In Restricted Working Space, Add* | *12.66* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.66* | |
| 26 05 33 13-1435 | | EA | 5" Aluminum Bushing Set With Locknut | 62.32 | 22.51 |
| | | | *For Work In Restricted Working Space, Add* | *16.88* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.88* | |
| 26 05 33 13-1436 | | EA | 6" Aluminum Bushing Set With Locknut | 92.71 | 33.76 |
| | | | *For Work In Restricted Working Space, Add* | *25.32* | |
| | | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *25.32* | |

### 26 05 33 13-1437 Schedule 40 Polyvinyl Chloride (PVC) Conduit *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

### 26 05 33 13-1438 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings *(26 05 33 13-1437)*

Note: Includes field bend conduit up to 1".

| | | | | | |
|---|---|---|---|---|---|
| 26 05 33 13-1439 | | LF | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 4.39 | 1.48 |
| | | | *For Schedule 60, Add* | *0.36* | |
| | | | *For Schedule 80, Add* | *0.61* | |
| 26 05 33 13-1440 | | LF | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 4.98 | 1.62 |
| | | | *For Schedule 60, Add* | *0.43* | |
| | | | *For Schedule 80, Add* | *0.73* | |
| 26 05 33 13-1441 | | LF | 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 6.11 | 1.89 |
| | | | *For Schedule 60, Add* | *0.58* | |
| | | | *For Schedule 80, Add* | *0.95* | |
| 26 05 33 13-1442 | | LF | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 7.24 | 2.16 |
| | | | *For Schedule 60, Add* | *0.73* | |
| | | | *For Schedule 80, Add* | *1.18* | |
| 26 05 33 13-1443 | | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 8.51 | 2.52 |
| | | | *For Schedule 60, Add* | *0.87* | |
| | | | *For Schedule 80, Add* | *1.40* | |
| 26 05 33 13-1444 | | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 10.12 | 2.89 |
| | | | *For Schedule 60, Add* | *1.09* | |
| | | | *For Schedule 80, Add* | *1.74* | |
| 26 05 33 13-1445 | | LF | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 13.20 | 3.43 |
| | | | *For Schedule 60, Add* | *1.58* | |
| | | | *For Schedule 80, Add* | *2.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1446 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 15.43 | 3.97 |
| | | *For Schedule 60, Add* | *1.87* | |
| | | *For Schedule 80, Add* | *2.92* | |
| 26 05 33 13-1447 | LF | 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 18.77 | 4.69 |
| | | *For Schedule 60, Add* | *2.35* | |
| | | *For Schedule 80, Add* | *3.64* | |
| 26 05 33 13-1448 | LF | 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 22.17 | 5.77 |
| | | *For Schedule 60, Add* | *2.65* | |
| | | *For Schedule 80, Add* | *4.15* | |
| 26 05 33 13-1449 | LF | 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 31.60 | 8.13 |
| | | *For Schedule 60, Add* | *3.84* | |
| | | *For Schedule 80, Add* | *5.98* | |
| 26 05 33 13-1450 | LF | 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End | 41.97 | 10.83 |
| | | *For Schedule 60, Add* | *5.08* | |
| | | *For Schedule 80, Add* | *7.92* | |

## 26 05 33 13-1451 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows *(26 05 33 13-1437)*

See CSI section 26 05 33 13-2229 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1452 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 19.86 | 7.22 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *1.36* | |
| | | *For Schedule 80, Add* | *2.44* | |
| 26 05 33 13-1453 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 21.99 | 7.95 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *1.53* | |
| | | *For Schedule 80, Add* | *2.73* | |
| 26 05 33 13-1454 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 25.92 | 9.03 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *1.97* | |
| | | *For Schedule 80, Add* | *3.43* | |
| 26 05 33 13-1455 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 33.74 | 11.55 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *2.66* | |
| | | *For Schedule 80, Add* | *4.59* | |
| 26 05 33 13-1456 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 42.69 | 14.44 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *3.45* | |
| | | *For Schedule 80, Add* | *5.92* | |
| 26 05 33 13-1457 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 54.14 | 18.05 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *4.51* | |
| | | *For Schedule 80, Add* | *7.67* | |
| 26 05 33 13-1458 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 70.38 | 21.66 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *6.77* | |
| | | *For Schedule 80, Add* | *11.10* | |
| 26 05 33 13-1459 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 89.93 | 25.27 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *9.85* | |
| | | *For Schedule 80, Add* | *15.68* | |
| 26 05 33 13-1460 | EA | 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 114.02 | 30.68 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *13.16* | |
| | | *For Schedule 80, Add* | *20.73* | |
| 26 05 33 13-1461 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 138.28 | 36.10 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *16.52* | |
| | | *For Schedule 80, Add* | *25.84* | |
| 26 05 33 13-1462 | EA | 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 196.96 | 45.12 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *26.68* | |
| | | *For Schedule 80, Add* | *40.74* | |
| 26 05 33 13-1463 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow | 242.70 | 54.15 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *33.60* | |
| | | *For Schedule 80, Add* | *51.10* | |

## 26 05 33 13-1464 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows *(26 05 33 13-1437)*

See CSI section 26 05 33 13-2229 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1465 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow | 19.86 | 7.22 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *1.36* | |
| | | *For Schedule 80, Add* | *2.44* | |
| 26 05 33 13-1466 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow | 21.85 | 7.95 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *1.49* | |
| | | *For Schedule 80, Add* | *2.69* | |
| 26 05 33 13-1467 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow | 25.74 | 9.03 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *1.92* | |
| | | *For Schedule 80, Add* | *3.37* | |
| 26 05 33 13-1468 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow | 33.20 | 11.55 |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| | | *For Schedule 60, Add* | *2.52* | |
| | | *For Schedule 80, Add* | *4.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1469 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow<br>See CSI section 26 05 33 13-2229 for conduit field bending. | 41.48 | 14.44 |
| | | *For Schedule 60, Add* | *3.15* | |
| | | *For Schedule 80, Add* | *5.49* | |
| 26 05 33 13-1470 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow<br>See CSI section 26 05 33 13-2229 for conduit field bending. | 53.49 | 18.05 |
| | | *For Schedule 60, Add* | *4.35* | |
| | | *For Schedule 80, Add* | *7.44* | |
| 26 05 33 13-1471 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow<br>See CSI section 26 05 33 13-2229 for conduit field bending. | 69.16 | 21.66 |
| | | *For Schedule 60, Add* | *6.46* | |
| | | *For Schedule 80, Add* | *10.67* | |
| 26 05 33 13-1472 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow<br>See CSI section 26 05 33 13-2229 for conduit field bending. | 88.39 | 25.27 |
| | | *For Schedule 60, Add* | *9.46* | |
| | | *For Schedule 80, Add* | *15.14* | |
| 26 05 33 13-1473 | EA | 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow<br>See CSI section 26 05 33 13-2229 for conduit field bending. | 109.71 | 30.68 |
| | | *For Schedule 60, Add* | *12.09* | |
| | | *For Schedule 80, Add* | *19.22* | |
| 26 05 33 13-1474 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow<br>See CSI section 26 05 33 13-2229 for conduit field bending. | 134.57 | 36.10 |
| | | *For Schedule 60, Add* | *15.59* | |
| | | *For Schedule 80, Add* | *24.54* | |
| 26 05 33 13-1475 | EA | 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow<br>See CSI section 26 05 33 13-2229 for conduit field bending. | 192.16 | 45.12 |
| | | *For Schedule 60, Add* | *25.48* | |
| | | *For Schedule 80, Add* | *39.06* | |
| 26 05 33 13-1476 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow<br>See CSI section 26 05 33 13-2229 for conduit field bending. | 228.40 | 54.15 |
| | | *For Schedule 60, Add* | *30.03* | |
| | | *For Schedule 80, Add* | *46.10* | |

## 26 05 33 13-1477 Polyvinyl Chloride (PVC) Conduit Female Adapters *(26 05 33 13-1437)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1478 | EA | 1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter | 13.47 | 5.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.79* | |
| 26 05 33 13-1479 | EA | 3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter | 15.56 | 5.77 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.33* | |
| 26 05 33 13-1480 | EA | 1" Polyvinyl Chloride (PVC) Conduit Female Adapter | 17.78 | 6.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.87* | |
| 26 05 33 13-1481 | EA | 1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter | 20.17 | 7.22 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.42* | |
| 26 05 33 13-1482 | EA | 1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter | 24.84 | 9.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.77* | |
| 26 05 33 13-1483 | EA | 2" Polyvinyl Chloride (PVC) Conduit Female Adapter | 30.28 | 10.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.12* | |
| 26 05 33 13-1484 | EA | 2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter | 42.16 | 14.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.83* | |
| 26 05 33 13-1485 | EA | 3" Polyvinyl Chloride (PVC) Conduit Female Adapter | 53.43 | 18.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.54* | |
| 26 05 33 13-1486 | EA | 3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter | 69.24 | 23.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.60* | |
| 26 05 33 13-1487 | EA | 4" Polyvinyl Chloride (PVC) Conduit Female Adapter | 83.18 | 28.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.66* | |
| 26 05 33 13-1488 | EA | 5" Polyvinyl Chloride (PVC) Conduit Female Adapter | 112.29 | 36.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.08* | |
| 26 05 33 13-1489 | EA | 6" Polyvinyl Chloride (PVC) Conduit Female Adapter | 139.36 | 45.12 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.84* | |

## 26 05 33 13-1490 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug *(26 05 33 13-1437)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1491 | EA | 1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 17.76 | 4.33 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.25* | |
| 26 05 33 13-1492 | EA | 3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 20.03 | 5.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.79* | |
| 26 05 33 13-1493 | EA | 1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 22.34 | 5.77 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.33* | |
| 26 05 33 13-1494 | EA | 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 27.08 | 6.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.87* | |
| 26 05 33 13-1495 | EA | 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 30.18 | 7.22 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.42* | |
| 26 05 33 13-1496 | EA | 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 36.60 | 8.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.23* | |
| 26 05 33 13-1497 | EA | 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 40.83 | 9.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.04* | |
| 26 05 33 13-1498 | EA | 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 45.93 | 10.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.12* | |
| 26 05 33 13-1499 | EA | 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 54.69 | 12.64 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.47* | |
| 26 05 33 13-1500 | EA | 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 59.55 | 14.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.83* | |
| 26 05 33 13-1501 | EA | 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 77.14 | 16.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.18* | |
| 26 05 33 13-1502 | EA | 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug | 86.84 | 18.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.54* | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 26 05 33 13-1503 Polyvinyl Chloride (PVC) Conduit Terminal Adapters *(26 05 33 13-1437)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1504 | EA | 1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 14.58 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.17* | |
| 26 05 33 13-1505 | EA | 3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 17.76 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.99* | |
| 26 05 33 13-1506 | EA | 1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 19.82 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.54* | |
| 26 05 33 13-1507 | EA | 1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 22.36 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.17* | |
| 26 05 33 13-1508 | EA | 1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 24.55 | 9.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.77* | |
| 26 05 33 13-1509 | EA | 2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 29.87 | 10.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.12* | |
| 26 05 33 13-1510 | EA | 2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 41.34 | 14.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.83* | |
| 26 05 33 13-1511 | EA | 3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 52.29 | 18.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.54* | |
| 26 05 33 13-1512 | EA | 3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 67.77 | 23.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.60* | |
| 26 05 33 13-1513 | EA | 4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 81.68 | 28.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.66* | |
| 26 05 33 13-1514 | EA | 5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 109.33 | 36.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.08* | |
| 26 05 33 13-1515 | EA | 6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter | 135.81 | 45.12 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.84* | |

### 26 05 33 13-1516 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover *(26 05 33 13-1437)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1517 | EA | 1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 44.03 | 14.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.83* | |
| 26 05 33 13-1518 | EA | 3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 51.81 | 16.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.18* | |
| 26 05 33 13-1519 | EA | 1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 57.50 | 18.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.54* | |
| 26 05 33 13-1520 | EA | 1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 71.84 | 21.66 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.25* | |
| 26 05 33 13-1521 | EA | 1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 88.36 | 27.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.30* | |
| 26 05 33 13-1522 | EA | 2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 117.88 | 32.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.37* | |
| 26 05 33 13-1523 | EA | 2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 228.85 | 36.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.08* | |
| 26 05 33 13-1524 | EA | 3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 242.64 | 39.71 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *29.78* | |
| 26 05 33 13-1525 | EA | 3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 260.90 | 45.12 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.84* | |
| 26 05 33 13-1526 | EA | 4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover | 288.52 | 52.34 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.26* | |

### 26 05 33 13-1527 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover *(26 05 33 13-1437)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1528 | EA | 1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover | 60.79 | 20.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |
| 26 05 33 13-1529 | EA | 3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover | 68.45 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-1530 | EA | 1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover | 73.73 | 24.12 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.09* | |
| 26 05 33 13-1531 | EA | 1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover | 94.68 | 28.14 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.10* | |
| 26 05 33 13-1532 | EA | 1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover | 114.11 | 34.17 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *25.62* | |
| 26 05 33 13-1533 | EA | 2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover | 142.33 | 40.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.14* | |

### 26 05 33 13-1534 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-1437)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1535 | EA | 1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 113.30 | 18.05 |
| 26 05 33 13-1536 | EA | 3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 124.01 | 21.66 |
| 26 05 33 13-1537 | EA | 1" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 135.76 | 25.27 |
| 26 05 33 13-1538 | EA | 1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 146.46 | 28.88 |
| 26 05 33 13-1539 | EA | 1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 156.74 | 32.48 |
| 26 05 33 13-1540 | EA | 2" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 170.18 | 36.10 |
| 26 05 33 13-1541 | EA | 2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 211.95 | 41.51 |
| 26 05 33 13-1542 | EA | 3" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 257.75 | 46.92 |
| 26 05 33 13-1543 | EA | 3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 302.77 | 54.15 |
| 26 05 33 13-1544 | EA | 4" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 361.85 | 63.18 |
| 26 05 33 13-1545 | EA | 5" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 488.22 | 75.81 |
| 26 05 33 13-1546 | EA | 6" Polyvinyl Chloride (PVC) Conduit Expansion Joint | 645.12 | 97.46 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 33 13-1547** | | **Polyvinyl Chloride (PVC) Conduit End Caps** *(26 05 33 13-1437)* | | |
| 26 05 33 13-1548 | EA | 1/2" Polyvinyl Chloride (PVC) Conduit End Cap | 12.59 | 3.61 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.71* | |
| 26 05 33 13-1549 | EA | 3/4" Polyvinyl Chloride (PVC) Conduit End Cap | 14.77 | 4.33 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.25* | |
| 26 05 33 13-1550 | EA | 1" Polyvinyl Chloride (PVC) Conduit End Cap | 16.89 | 5.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.79* | |
| 26 05 33 13-1551 | EA | 1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap | 20.56 | 5.77 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.33* | |
| 26 05 33 13-1552 | EA | 1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap | 24.28 | 6.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.87* | |
| 26 05 33 13-1553 | EA | 2" Polyvinyl Chloride (PVC) Conduit End Cap | 29.24 | 7.22 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.42* | |
| 26 05 33 13-1554 | EA | 2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap | 44.68 | 8.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.23* | |
| 26 05 33 13-1555 | EA | 3" Polyvinyl Chloride (PVC) Conduit End Cap | 48.52 | 9.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.04* | |
| 26 05 33 13-1556 | EA | 3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap | 64.22 | 10.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.85* | |
| 26 05 33 13-1557 | EA | 4" Polyvinyl Chloride (PVC) Conduit End Cap | 79.80 | 11.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.39* | |
| 26 05 33 13-1558 | EA | 5" Polyvinyl Chloride (PVC) Conduit End Cap | 92.80 | 12.64 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.47* | |
| 26 05 33 13-1559 | EA | 6" Polyvinyl Chloride (PVC) Conduit End Cap | 119.63 | 14.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.83* | |
| **26 05 33 13-1560** | | **Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways)** *(26 05 33 13-1437)* | | |
| 26 05 33 13-1561 | EA | 2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200) | 114.08 | 32.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.37* | |
| 26 05 33 13-1562 | EA | 3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121) | 120.50 | 21.66 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.25* | |
| 26 05 33 13-1563 | EA | 1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251) | 293.65 | 36.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *27.08* | |
| 26 05 33 13-1564 | EA | 3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401) | 573.45 | 52.34 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.26* | |
| **26 05 33 13-1565** | | **Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit** *(26 05 33 13-0058)* | | |
| | | Note: Exposed installation. Excludes supporting strap, hanger and fastening. | | |
| **26 05 33 13-1566** | | **Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit** *(26 05 33 13-1565)* | | |
| 26 05 33 13-1567 | LF | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 9.30 | 1.48 |
| 26 05 33 13-1568 | LF | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 10.38 | 1.62 |
| 26 05 33 13-1569 | LF | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 11.42 | 1.87 |
| 26 05 33 13-1570 | LF | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 12.46 | 2.16 |
| 26 05 33 13-1571 | LF | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 13.93 | 2.52 |
| 26 05 33 13-1572 | LF | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 15.04 | 2.89 |
| 26 05 33 13-1573 | LF | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 17.95 | 3.43 |
| 26 05 33 13-1574 | LF | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 21.18 | 3.97 |
| 26 05 33 13-1575 | LF | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 24.38 | 4.69 |
| 26 05 33 13-1576 | LF | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 28.50 | 5.77 |
| 26 05 33 13-1577 | LF | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 37.87 | 8.13 |
| 26 05 33 13-1578 | LF | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit | 49.03 | 10.83 |
| **26 05 33 13-1579** | | **Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows** *(26 05 33 13-1565)* | | |
| 26 05 33 13-1580 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 121.81 | 7.22 |
| | | *For 24" Radius, Add* | *8.68* | |
| | | *For 36" Radius, Add* | *12.18* | |
| | | *For 48" Radius, Add* | *15.68* | |
| 26 05 33 13-1581 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 136.02 | 7.95 |
| | | *For 24" Radius, Add* | *9.71* | |
| | | *For 36" Radius, Add* | *13.60* | |
| | | *For 48" Radius, Add* | *17.50* | |
| 26 05 33 13-1582 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 139.91 | 9.03 |
| | | *For 24" Radius, Add* | *9.93* | |
| | | *For 36" Radius, Add* | *13.99* | |
| | | *For 48" Radius, Add* | *18.05* | |
| 26 05 33 13-1583 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 147.37 | 11.55 |
| | | *For 24" Radius, Add* | *10.33* | |
| | | *For 36" Radius, Add* | *14.74* | |
| | | *For 48" Radius, Add* | *19.14* | |
| 26 05 33 13-1584 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 155.77 | 14.44 |
| | | *For 24" Radius, Add* | *10.78* | |
| | | *For 36" Radius, Add* | *15.58* | |
| | | *For 48" Radius, Add* | *20.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1585 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 181.30 | 18.05 |
| | | *For 24" Radius, Add* | *12.47* | |
| | | *For 36" Radius, Add* | *18.13* | |
| | | *For 48" Radius, Add* | *23.79* | |
| 26 05 33 13-1586 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 217.14 | 21.66 |
| | | *For 24" Radius, Add* | *14.93* | |
| | | *For 36" Radius, Add* | *21.71* | |
| | | *For 48" Radius, Add* | *28.50* | |
| 26 05 33 13-1587 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 258.77 | 25.27 |
| | | *For 24" Radius, Add* | *17.83* | |
| | | *For 36" Radius, Add* | *25.88* | |
| | | *For 48" Radius, Add* | *33.93* | |
| 26 05 33 13-1588 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 296.75 | 30.68 |
| | | *For 24" Radius, Add* | *20.34* | |
| | | *For 36" Radius, Add* | *29.68* | |
| | | *For 48" Radius, Add* | *39.01* | |
| 26 05 33 13-1589 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 334.73 | 36.10 |
| | | *For 24" Radius, Add* | *22.85* | |
| | | *For 36" Radius, Add* | *33.47* | |
| | | *For 48" Radius, Add* | *44.10* | |
| 26 05 33 13-1590 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 418.41 | 45.12 |
| | | *For 24" Radius, Add* | *28.56* | |
| | | *For 36" Radius, Add* | *41.84* | |
| | | *For 48" Radius, Add* | *55.12* | |
| 26 05 33 13-1591 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows | 517.38 | 54.15 |
| | | *For 24" Radius, Add* | *35.42* | |
| | | *For 36" Radius, Add* | *51.74* | |
| | | *For 48" Radius, Add* | *68.06* | |

## 26 05 33 13-1592 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1565)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1593 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 103.14 | 7.22 |
| | | *For 24" Radius, Add* | *7.28* | |
| | | *For 36" Radius, Add* | *10.31* | |
| | | *For 48" Radius, Add* | *13.34* | |
| 26 05 33 13-1594 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 115.11 | 7.95 |
| | | *For 24" Radius, Add* | *8.14* | |
| | | *For 36" Radius, Add* | *11.51* | |
| | | *For 48" Radius, Add* | *14.89* | |
| 26 05 33 13-1595 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 118.79 | 9.03 |
| | | *For 24" Radius, Add* | *8.35* | |
| | | *For 36" Radius, Add* | *11.88* | |
| | | *For 48" Radius, Add* | *15.41* | |
| 26 05 33 13-1596 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 126.05 | 11.55 |
| | | *For 24" Radius, Add* | *8.73* | |
| | | *For 36" Radius, Add* | *12.61* | |
| | | *For 48" Radius, Add* | *16.48* | |
| 26 05 33 13-1597 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 134.23 | 14.44 |
| | | *For 24" Radius, Add* | *9.16* | |
| | | *For 36" Radius, Add* | *13.42* | |
| | | *For 48" Radius, Add* | *17.68* | |
| 26 05 33 13-1598 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 156.78 | 18.05 |
| | | *For 24" Radius, Add* | *10.63* | |
| | | *For 36" Radius, Add* | *15.68* | |
| | | *For 48" Radius, Add* | *20.73* | |
| 26 05 33 13-1599 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 187.80 | 21.66 |
| | | *For 24" Radius, Add* | *12.73* | |
| | | *For 36" Radius, Add* | *18.78* | |
| | | *For 48" Radius, Add* | *24.83* | |
| 26 05 33 13-1600 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 223.56 | 25.27 |
| | | *For 24" Radius, Add* | *15.19* | |
| | | *For 36" Radius, Add* | *22.36* | |
| | | *For 48" Radius, Add* | *29.52* | |
| 26 05 33 13-1601 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 257.14 | 30.68 |
| | | *For 24" Radius, Add* | *17.37* | |
| | | *For 36" Radius, Add* | *25.71* | |
| | | *For 48" Radius, Add* | *34.06* | |
| 26 05 33 13-1602 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 290.73 | 36.10 |
| | | *For 24" Radius, Add* | *19.55* | |
| | | *For 36" Radius, Add* | *29.07* | |
| | | *For 48" Radius, Add* | *38.60* | |
| 26 05 33 13-1603 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 363.40 | 45.12 |
| | | *For 24" Radius, Add* | *24.44* | |
| | | *For 36" Radius, Add* | *36.34* | |
| | | *For 48" Radius, Add* | *48.25* | |
| 26 05 33 13-1604 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows | 448.61 | 54.15 |
| | | *For 24" Radius, Add* | *30.26* | |
| | | *For 36" Radius, Add* | *44.86* | |
| | | *For 48" Radius, Add* | *59.46* | |

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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 33 13-1605 | | | Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1565)* | | |
| 26 05 33 13-1606 | | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 96.14 | 6.49 |
| | | | *For 24" Radius, Add* | *6.80* | |
| | | | *For 36" Radius, Add* | *9.61* | |
| | | | *For 48" Radius, Add* | *12.42* | |
| 26 05 33 13-1607 | | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 107.32 | 7.14 |
| | | | *For 24" Radius, Add* | *7.60* | |
| | | | *For 36" Radius, Add* | *10.73* | |
| | | | *For 48" Radius, Add* | *13.86* | |
| 26 05 33 13-1608 | | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 110.67 | 8.13 |
| | | | *For 24" Radius, Add* | *7.79* | |
| | | | *For 36" Radius, Add* | *11.07* | |
| | | | *For 48" Radius, Add* | *14.34* | |
| 26 05 33 13-1609 | | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 117.23 | 10.40 |
| | | | *For 24" Radius, Add* | *8.14* | |
| | | | *For 36" Radius, Add* | *11.72* | |
| | | | *For 48" Radius, Add* | *15.30* | |
| 26 05 33 13-1610 | | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 124.63 | 13.00 |
| | | | *For 24" Radius, Add* | *8.54* | |
| | | | *For 36" Radius, Add* | *12.46* | |
| | | | *For 48" Radius, Add* | *16.39* | |
| 26 05 33 13-1611 | | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 145.47 | 16.24 |
| | | | *For 24" Radius, Add* | *9.90* | |
| | | | *For 36" Radius, Add* | *14.55* | |
| | | | *For 48" Radius, Add* | *19.20* | |
| 26 05 33 13-1612 | | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 174.24 | 19.49 |
| | | | *For 24" Radius, Add* | *11.85* | |
| | | | *For 36" Radius, Add* | *17.42* | |
| | | | *For 48" Radius, Add* | *23.00* | |
| 26 05 33 13-1613 | | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 207.45 | 22.75 |
| | | | *For 24" Radius, Add* | *14.14* | |
| | | | *For 36" Radius, Add* | *20.75* | |
| | | | *For 48" Radius, Add* | *27.35* | |
| 26 05 33 13-1614 | | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 238.47 | 27.61 |
| | | | *For 24" Radius, Add* | *16.16* | |
| | | | *For 36" Radius, Add* | *23.85* | |
| | | | *For 48" Radius, Add* | *31.53* | |
| 26 05 33 13-1615 | | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 269.47 | 32.48 |
| | | | *For 24" Radius, Add* | *18.18* | |
| | | | *For 36" Radius, Add* | *26.95* | |
| | | | *For 48" Radius, Add* | *35.71* | |
| 26 05 33 13-1616 | | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 336.85 | 40.61 |
| | | | *For 24" Radius, Add* | *22.73* | |
| | | | *For 36" Radius, Add* | *33.69* | |
| | | | *For 48" Radius, Add* | *44.64* | |
| 26 05 33 13-1617 | | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows | 415.97 | 48.74 |
| | | | *For 24" Radius, Add* | *28.15* | |
| | | | *For 36" Radius, Add* | *41.60* | |
| | | | *For 48" Radius, Add* | *55.04* | |
| 26 05 33 13-1618 | | | Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1565)* | | |
| 26 05 33 13-1619 | | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 90.95 | 6.49 |
| | | | *For 24" Radius, Add* | *6.42* | |
| | | | *For 36" Radius, Add* | *9.10* | |
| | | | *For 48" Radius, Add* | *11.77* | |
| 26 05 33 13-1620 | | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 101.51 | 7.14 |
| | | | *For 24" Radius, Add* | *7.17* | |
| | | | *For 36" Radius, Add* | *10.15* | |
| | | | *For 48" Radius, Add* | *13.14* | |
| 26 05 33 13-1621 | | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 104.80 | 8.13 |
| | | | *For 24" Radius, Add* | *7.35* | |
| | | | *For 36" Radius, Add* | *10.48* | |
| | | | *For 48" Radius, Add* | *13.61* | |
| 26 05 33 13-1622 | | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 111.31 | 10.40 |
| | | | *For 24" Radius, Add* | *7.70* | |
| | | | *For 36" Radius, Add* | *11.13* | |
| | | | *For 48" Radius, Add* | *14.56* | |
| 26 05 33 13-1623 | | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 118.64 | 13.00 |
| | | | *For 24" Radius, Add* | *8.09* | |
| | | | *For 36" Radius, Add* | *11.86* | |
| | | | *For 48" Radius, Add* | *15.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1624 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 138.66 | 16.24 |
| | | *For 24" Radius, Add* | *9.38* | |
| | | *For 36" Radius, Add* | *13.87* | |
| | | *For 48" Radius, Add* | *18.35* | |
| 26 05 33 13-1625 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 166.09 | 19.49 |
| | | *For 24" Radius, Add* | *11.24* | |
| | | *For 36" Radius, Add* | *16.61* | |
| | | *For 48" Radius, Add* | *21.98* | |
| 26 05 33 13-1626 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 197.67 | 22.75 |
| | | *For 24" Radius, Add* | *13.40* | |
| | | *For 36" Radius, Add* | *19.77* | |
| | | *For 48" Radius, Add* | *26.13* | |
| 26 05 33 13-1627 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 227.47 | 27.61 |
| | | *For 24" Radius, Add* | *15.33* | |
| | | *For 36" Radius, Add* | *22.75* | |
| | | *For 48" Radius, Add* | *30.16* | |
| 26 05 33 13-1628 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 257.25 | 32.48 |
| | | *For 24" Radius, Add* | *17.26* | |
| | | *For 36" Radius, Add* | *25.73* | |
| | | *For 48" Radius, Add* | *34.19* | |
| 26 05 33 13-1629 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 321.57 | 40.61 |
| | | *For 24" Radius, Add* | *21.58* | |
| | | *For 36" Radius, Add* | *32.16* | |
| | | *For 48" Radius, Add* | *42.73* | |
| 26 05 33 13-1630 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows | 396.87 | 48.74 |
| | | *For 24" Radius, Add* | *26.72* | |
| | | *For 36" Radius, Add* | *39.69* | |
| | | *For 48" Radius, Add* | *52.65* | |

## 26 05 33 13-1631 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-1565)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1632 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 55.60 | 5.05 |
| 26 05 33 13-1633 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 62.32 | 5.77 |
| 26 05 33 13-1634 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 64.61 | 6.49 |
| 26 05 33 13-1635 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 66.82 | 7.22 |
| 26 05 33 13-1636 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 72.31 | 9.03 |
| 26 05 33 13-1637 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 86.32 | 10.83 |
| 26 05 33 13-1638 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 107.41 | 14.44 |
| 26 05 33 13-1639 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 130.69 | 18.05 |
| 26 05 33 13-1640 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 154.93 | 23.47 |
| 26 05 33 13-1641 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 179.15 | 28.88 |
| 26 05 33 13-1642 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 223.94 | 36.10 |
| 26 05 33 13-1643 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling | 279.86 | 45.12 |

## 26 05 33 13-1644 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-1565)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1645 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 36.88 | 5.05 |
| 26 05 33 13-1646 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 41.37 | 5.77 |
| 26 05 33 13-1647 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 43.46 | 6.49 |
| 26 05 33 13-1648 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 45.56 | 7.22 |
| 26 05 33 13-1649 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 50.35 | 9.03 |
| 26 05 33 13-1650 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 55.02 | 10.83 |
| 26 05 33 13-1651 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 69.64 | 14.44 |
| 26 05 33 13-1652 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 85.38 | 18.05 |
| 26 05 33 13-1653 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 103.95 | 23.47 |
| 26 05 33 13-1654 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 122.51 | 28.88 |
| 26 05 33 13-1655 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 153.21 | 36.10 |
| 26 05 33 13-1656 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling | 191.44 | 45.12 |

## 26 05 33 13-1657 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-1565)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1658 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 42.77 | 4.15 |
| 26 05 33 13-1659 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 47.94 | 5.77 |
| 26 05 33 13-1660 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 50.10 | 6.49 |
| 26 05 33 13-1661 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 52.11 | 7.22 |
| 26 05 33 13-1662 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 57.40 | 9.03 |
| 26 05 33 13-1663 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 68.55 | 10.83 |
| 26 05 33 13-1664 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 85.85 | 14.44 |
| 26 05 33 13-1665 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 104.81 | 18.05 |
| 26 05 33 13-1666 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 125.81 | 23.47 |
| 26 05 33 13-1667 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 146.80 | 28.88 |
| 26 05 33 13-1668 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 183.48 | 36.10 |
| 26 05 33 13-1669 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling | 229.38 | 45.12 |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 33 13-1670** | | **Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints** *(26 05 33 13-1565)* | | |
| 26 05 33 13-1671 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 78.32 | 18.05 |
| 26 05 33 13-1672 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 90.99 | 21.66 |
| 26 05 33 13-1673 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 100.42 | 25.27 |
| 26 05 33 13-1674 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 109.68 | 28.88 |
| 26 05 33 13-1675 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 119.56 | 32.48 |
| 26 05 33 13-1676 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 135.89 | 36.10 |
| 26 05 33 13-1677 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 158.56 | 41.51 |
| 26 05 33 13-1678 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 183.04 | 46.92 |
| 26 05 33 13-1679 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 209.31 | 54.15 |
| 26 05 33 13-1680 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 240.08 | 63.18 |
| 26 05 33 13-1681 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 283.17 | 72.19 |
| 26 05 33 13-1682 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint | 331.41 | 81.22 |
| **26 05 33 13-1683** | | **Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints** *(26 05 33 13-1565)* | | |
| 26 05 33 13-1684 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 91.81 | 18.05 |
| 26 05 33 13-1685 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 106.10 | 21.66 |
| 26 05 33 13-1686 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 115.62 | 25.27 |
| 26 05 33 13-1687 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 125.04 | 28.88 |
| 26 05 33 13-1688 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 135.05 | 32.48 |
| 26 05 33 13-1689 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 153.57 | 36.10 |
| 26 05 33 13-1690 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 179.78 | 41.51 |
| 26 05 33 13-1691 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 208.51 | 46.92 |
| 26 05 33 13-1692 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 237.97 | 54.15 |
| 26 05 33 13-1693 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 271.94 | 63.18 |
| 26 05 33 13-1694 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 323.11 | 72.19 |
| 26 05 33 13-1695 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint | 381.32 | 81.22 |
| **26 05 33 13-1696** | | **Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters** *(26 05 33 13-1565)* | | |
| 26 05 33 13-1697 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 123.67 | 5.05 |
| 26 05 33 13-1698 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 137.78 | 5.77 |
| 26 05 33 13-1699 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 143.37 | 6.49 |
| 26 05 33 13-1700 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 149.13 | 7.22 |
| 26 05 33 13-1701 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 155.68 | 9.03 |
| 26 05 33 13-1702 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 172.86 | 10.83 |
| 26 05 33 13-1703 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 211.07 | 14.44 |
| 26 05 33 13-1704 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 254.97 | 18.05 |
| 26 05 33 13-1705 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 294.75 | 23.47 |
| 26 05 33 13-1706 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 334.52 | 28.88 |
| 26 05 33 13-1707 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 418.26 | 36.10 |
| 26 05 33 13-1708 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter | 520.27 | 45.12 |
| **26 05 33 13-1709** | | **Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints** *(26 05 33 13-1565)* | | |
| 26 05 33 13-1710 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 115.26 | 18.05 |
| 26 05 33 13-1711 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 132.10 | 21.66 |
| 26 05 33 13-1712 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 159.47 | 25.27 |
| 26 05 33 13-1713 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 202.02 | 28.88 |
| 26 05 33 13-1714 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 259.20 | 32.48 |
| 26 05 33 13-1715 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 354.02 | 36.10 |
| 26 05 33 13-1716 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 518.85 | 41.51 |
| 26 05 33 13-1717 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 631.99 | 46.92 |
| 26 05 33 13-1718 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 768.33 | 54.15 |
| 26 05 33 13-1719 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 909.18 | 63.18 |
| 26 05 33 13-1720 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 1,072.86 | 72.19 |
| 26 05 33 13-1721 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint | 1,718.00 | 81.22 |
| **26 05 33 13-1722** | | **Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover** *(26 05 33 13-1565)* | | |
| 26 05 33 13-1723 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 98.19 | 14.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.83* | |
| 26 05 33 13-1724 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 114.66 | 16.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.18* | |
| 26 05 33 13-1725 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 158.02 | 18.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.54* | |
| 26 05 33 13-1726 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 193.61 | 21.66 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1727 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 246.98 | 27.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.30* | |
| 26 05 33 13-1728 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 346.86 | 32.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.37* | |
| 26 05 33 13-1729 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 592.83 | 37.91 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.43* | |
| 26 05 33 13-1730 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 772.39 | 43.32 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *32.49* | |
| 26 05 33 13-1731 | EA | 3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover | 931.55 | 50.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *37.90* | |
| 26 05 33 13-1732 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 1,090.73 | 57.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *43.32* | |
| 26 05 33 13-1733 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 1,291.39 | 64.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *48.73* | |
| 26 05 33 13-1734 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover | 1,467.16 | 72.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.15* | |

### 26 05 33 13-1735 Explosion Proof Conduit Fittings *(26 05 33 13-0058)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.

### 26 05 33 13-1736 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-1735)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1737 | EA | 1/2" Explosion Proof Malleable Iron Conduit Union | 42.47 | 8.38 |
| 26 05 33 13-1738 | EA | 3/4" Explosion Proof Malleable Iron Conduit Union | 52.76 | 9.26 |
| 26 05 33 13-1739 | EA | 1" Explosion Proof Malleable Iron Conduit Union | 84.63 | 12.34 |
| 26 05 33 13-1740 | EA | 1-1/4" Explosion Proof Malleable Iron Conduit Union | 113.07 | 13.67 |
| 26 05 33 13-1741 | EA | 1-1/2" Explosion Proof Malleable Iron Conduit Union | 142.47 | 16.75 |
| 26 05 33 13-1742 | EA | 2" Explosion Proof Malleable Iron Conduit Union | 178.05 | 19.39 |
| 26 05 33 13-1743 | EA | 2-1/2" Explosion Proof Malleable Iron Conduit Union | 271.66 | 27.72 |
| 26 05 33 13-1744 | EA | 3" Explosion Proof Malleable Iron Conduit Union | 346.14 | 33.00 |
| 26 05 33 13-1745 | EA | 3-1/2" Explosion Proof Malleable Iron Conduit Union | 587.44 | 39.60 |
| 26 05 33 13-1746 | EA | 4" Explosion Proof Malleable Iron Conduit Union | 619.70 | 50.59 |

### 26 05 33 13-1747 Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-1735)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1748 | EA | 1/2" Explosion Proof Malleable Iron Two Hub Conduit Body | 151.64 | 26.44 |
| 26 05 33 13-1749 | EA | 3/4" Explosion Proof Malleable Iron Two Hub Conduit Body | 170.85 | 29.98 |
| 26 05 33 13-1750 | EA | 1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body | 200.90 | 33.06 |
| 26 05 33 13-1751 | EA | 1/2" Explosion Proof Malleable Iron Three Hub Conduit Body | 169.78 | 33.06 |
| 26 05 33 13-1752 | EA | 3/4" Explosion Proof Malleable Iron Three Hub Conduit Body | 202.16 | 39.67 |
| 26 05 33 13-1753 | EA | 1" Explosion Proof Malleable Iron Three Hub Conduit Body | 239.88 | 45.40 |

### 26 05 33 13-1754 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-1735)*

Note: Includes sealing gasket and lock nut.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1755 | EA | 1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 125.34 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.53* | |
| 26 05 33 13-1756 | EA | 3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 127.20 | 24.68 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.51* | |
| 26 05 33 13-1757 | EA | 1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 138.86 | 26.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.16* | |
| 26 05 33 13-1758 | EA | 1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 179.10 | 33.06 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.79* | |
| 26 05 33 13-1759 | EA | 1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 230.05 | 38.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *29.09* | |
| 26 05 33 13-1760 | EA | 2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 298.06 | 44.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.06* | |
| 26 05 33 13-1761 | EA | 2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 422.99 | 66.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *49.49* | |
| 26 05 33 13-1762 | EA | 3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 534.92 | 82.71 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *62.03* | |
| 26 05 33 13-1763 | EA | 3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 766.20 | 91.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *68.31* | |
| 26 05 33 13-1764 | EA | 4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical | 996.37 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *74.24* | |

### 26 05 33 13-1765 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-1735)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1766 | EA | 1/2" x 12" Explosion Proof Flexible Conduit Coupling | 356.39 | 10.13 |
| 26 05 33 13-1767 | EA | 3/4" x 15" Explosion Proof Flexible Conduit Coupling | 467.04 | 11.46 |

### 26 05 33 13-1768 Conduit Installed Below Grade *(26 05 33 13-0057)*

Note: By direct burial In trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1769 | | Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1768)* | | |
| 26 05 33 13-1770 | | Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial *(26 05 33 13-1769)* | | |
| | | Note: Includes field bend conduit up to 1". | | |
| 26 05 33 13-1771 | LF | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 3.63 | |
| | | *For Schedule 60, Add* | *0.32* | |
| | | *For Schedule 80, Add* | *0.54* | |
| 26 05 33 13-1772 | LF | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 4.08 | |
| | | *For Schedule 60, Add* | *0.39* | |
| | | *For Schedule 80, Add* | *0.64* | |
| 26 05 33 13-1773 | LF | 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 4.76 | |
| | | *For Schedule 60, Add* | *0.51* | |
| | | *For Schedule 80, Add* | *0.82* | |
| 26 05 33 13-1774 | LF | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 5.44 | |
| | | *For Schedule 60, Add* | *0.64* | |
| | | *For Schedule 80, Add* | *1.00* | |
| 26 05 33 13-1775 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 6.04 | |
| | | *For Schedule 60, Add* | *0.74* | |
| | | *For Schedule 80, Add* | *1.15* | |
| 26 05 33 13-1776 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 6.96 | |
| | | *For Schedule 60, Add* | *0.93* | |
| | | *For Schedule 80, Add* | *1.42* | |
| 26 05 33 13-1777 | LF | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 8.91 | |
| | | *For Schedule 60, Add* | *1.37* | |
| | | *For Schedule 80, Add* | *2.05* | |
| 26 05 33 13-1778 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 10.01 | |
| | | *For Schedule 60, Add* | *1.60* | |
| | | *For Schedule 80, Add* | *2.38* | |
| 26 05 33 13-1779 | LF | 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 11.78 | |
| | | *For Schedule 60, Add* | *2.00* | |
| | | *For Schedule 80, Add* | *2.94* | |
| 26 05 33 13-1780 | LF | 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 12.69 | |
| | | *For Schedule 60, Add* | *2.18* | |
| | | *For Schedule 80, Add* | *3.20* | |
| 26 05 33 13-1781 | LF | 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 16.48 | |
| | | *For Schedule 60, Add* | *3.08* | |
| | | *For Schedule 80, Add* | *4.47* | |
| 26 05 33 13-1782 | LF | 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial | 20.31 | |
| | | *For Schedule 60, Add* | *4.00* | |
| | | *For Schedule 80, Add* | *5.76* | |
| 26 05 33 13-1783 | | Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1769)* | | |
| | | See CSI section 26 05 33 13-2229 for conduit field bending. | | |
| 26 05 33 13-1784 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 24.37 | |
| | | *For Schedule 60, Add* | *1.58* | |
| | | *For Schedule 80, Add* | *2.89* | |
| 26 05 33 13-1785 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 29.21 | |
| | | *For Schedule 60, Add* | *1.89* | |
| | | *For Schedule 80, Add* | *3.46* | |
| 26 05 33 13-1786 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 34.94 | |
| | | *For Schedule 60, Add* | *2.42* | |
| | | *For Schedule 80, Add* | *4.33* | |
| 26 05 33 13-1787 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 40.96 | |
| | | *For Schedule 60, Add* | *3.02* | |
| | | *For Schedule 80, Add* | *5.31* | |
| 26 05 33 13-1788 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 47.20 | |
| | | *For Schedule 60, Add* | *3.68* | |
| | | *For Schedule 80, Add* | *6.37* | |
| 26 05 33 13-1789 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 54.14 | |
| | | *For Schedule 60, Add* | *4.51* | |
| | | *For Schedule 80, Add* | *7.67* | |
| 26 05 33 13-1790 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 65.87 | |
| | | *For Schedule 60, Add* | *6.54* | |
| | | *For Schedule 80, Add* | *10.64* | |
| 26 05 33 13-1791 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 80.90 | |
| | | *For Schedule 60, Add* | *9.40* | |
| | | *For Schedule 80, Add* | *14.78* | |
| 26 05 33 13-1792 | EA | 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 100.49 | |
| | | *For Schedule 60, Add* | *12.49* | |
| | | *For Schedule 80, Add* | *19.38* | |
| 26 05 33 13-1793 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 120.22 | |
| | | *For Schedule 60, Add* | *15.62* | |
| | | *For Schedule 80, Add* | *24.03* | |
| 26 05 33 13-1794 | EA | 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 165.38 | |
| | | *For Schedule 60, Add* | *25.10* | |
| | | *For Schedule 80, Add* | *37.58* | |
| 26 05 33 13-1795 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial | 197.58 | |
| | | *For Schedule 60, Add* | *31.35* | |
| | | *For Schedule 80, Add* | *46.59* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 26 05 33 13-1796 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial *(26 05 33 13-1769)*

See CSI section 26 05 33 13-2229 for conduit field bending.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1797 | EA | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 24.37 | |
| | | *For Schedule 60, Add* | *1.58* | |
| | | *For Schedule 80, Add* | *2.89* | |
| 26 05 33 13-1798 | EA | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 29.07 | |
| | | *For Schedule 60, Add* | *1.85* | |
| | | *For Schedule 80, Add* | *3.41* | |
| 26 05 33 13-1799 | EA | 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 34.76 | |
| | | *For Schedule 60, Add* | *2.37* | |
| | | *For Schedule 80, Add* | *4.27* | |
| 26 05 33 13-1800 | EA | 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 40.42 | |
| | | *For Schedule 60, Add* | *2.89* | |
| | | *For Schedule 80, Add* | *5.12* | |
| 26 05 33 13-1801 | EA | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 45.99 | |
| | | *For Schedule 60, Add* | *3.38* | |
| | | *For Schedule 80, Add* | *5.94* | |
| 26 05 33 13-1802 | EA | 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 53.49 | |
| | | *For Schedule 60, Add* | *4.35* | |
| | | *For Schedule 80, Add* | *7.44* | |
| 26 05 33 13-1803 | EA | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 64.65 | |
| | | *For Schedule 60, Add* | *6.23* | |
| | | *For Schedule 80, Add* | *10.22* | |
| 26 05 33 13-1804 | EA | 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 79.36 | |
| | | *For Schedule 60, Add* | *9.01* | |
| | | *For Schedule 80, Add* | *14.24* | |
| 26 05 33 13-1805 | EA | 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 96.18 | |
| | | *For Schedule 60, Add* | *11.41* | |
| | | *For Schedule 80, Add* | *17.87* | |
| 26 05 33 13-1806 | EA | 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 116.51 | |
| | | *For Schedule 60, Add* | *14.69* | |
| | | *For Schedule 80, Add* | *22.73* | |
| 26 05 33 13-1807 | EA | 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 160.58 | |
| | | *For Schedule 60, Add* | *23.90* | |
| | | *For Schedule 80, Add* | *35.90* | |
| 26 05 33 13-1808 | EA | 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial | 183.28 | |
| | | *For Schedule 60, Add* | *27.77* | |
| | | *For Schedule 80, Add* | *41.59* | |

## 26 05 33 13-1809 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial *(26 05 33 13-1769)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1810 | EA | 1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 13.47 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.79* | |
| 26 05 33 13-1811 | EA | 3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 15.56 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.33* | |
| 26 05 33 13-1812 | EA | 1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 17.78 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.87* | |
| 26 05 33 13-1813 | EA | 1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 20.17 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.42* | |
| 26 05 33 13-1814 | EA | 1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 22.13 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.96* | |
| 26 05 33 13-1815 | EA | 2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 24.87 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.50* | |
| 26 05 33 13-1816 | EA | 2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 30.43 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.31* | |
| 26 05 33 13-1817 | EA | 3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 35.38 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.12* | |
| 26 05 33 13-1818 | EA | 3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 42.16 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.47* | |
| 26 05 33 13-1819 | EA | 4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 47.09 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.83* | |
| 26 05 33 13-1820 | EA | 5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 62.65 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *12.18* | |
| 26 05 33 13-1821 | EA | 6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial | 71.68 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.54* | |

## 26 05 33 13-1822 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial *(26 05 33 13-1769)*

| | | | |
|---|---|---|---|
| 26 05 33 13-1823 | EA | 1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 17.76 |
| 26 05 33 13-1824 | EA | 3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 20.03 |
| 26 05 33 13-1825 | EA | 1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 22.34 |
| 26 05 33 13-1826 | EA | 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 28.89 |
| 26 05 33 13-1827 | EA | 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 31.98 |
| 26 05 33 13-1828 | EA | 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 36.60 |
| 26 05 33 13-1829 | EA | 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 40.83 |
| 26 05 33 13-1830 | EA | 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 45.93 |
| 26 05 33 13-1831 | EA | 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 54.69 |
| 26 05 33 13-1832 | EA | 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 59.55 |
| 26 05 33 13-1833 | EA | 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 77.14 |
| 26 05 33 13-1834 | EA | 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial | 86.84 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 33 13-1835** | | **Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial** *(26 05 33 13-1769)* | | |
| 26 05 33 13-1836 | EA | 1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial | 13.33 | |
| 26 05 33 13-1837 | EA | 3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial | 15.56 | |
| 26 05 33 13-1838 | EA | 1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial | 17.58 | |
| 26 05 33 13-1839 | EA | 1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial | 19.83 | |
| 26 05 33 13-1840 | EA | 1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial | 21.84 | |
| 26 05 33 13-1841 | EA | 2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial | 24.46 | |
| 26 05 33 13-1842 | EA | 2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial | 29.61 | |
| 26 05 33 13-1843 | EA | 3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial | 34.24 | |
| 26 05 33 13-1844 | EA | 3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial | 40.69 | |
| 26 05 33 13-1845 | EA | 4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial | 45.59 | |
| 26 05 33 13-1846 | EA | 5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial | 59.69 | |
| 26 05 33 13-1847 | EA | 6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial | 68.13 | |
| **26 05 33 13-1848** | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial** *(26 05 33 13-1768)*<br>Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). | | |
| **26 05 33 13-1849** | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial** *(26 05 33 13-1848)*<br>Note: Includes field bending for conduit up to 1". | | |
| 26 05 33 13-1850 | LF | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 11.14 | 2.11 |
| | | *For >250 To 500, Deduct* | *-0.42* | |
| | | *For >500 To 1,000, Deduct* | *-0.70* | |
| | | *For >1,000, Deduct* | *-0.98* | |
| 26 05 33 13-1851 | LF | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 12.53 | 2.62 |
| | | *For >250 To 500, Deduct* | *-0.48* | |
| | | *For >500 To 1,000, Deduct* | *-0.79* | |
| | | *For >1,000, Deduct* | *-1.10* | |
| 26 05 33 13-1852 | LF | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 15.45 | 2.92 |
| | | *For >250 To 500, Deduct* | *-0.60* | |
| | | *For >500 To 1,000, Deduct* | *-0.98* | |
| | | *For >1,000, Deduct* | *-1.37* | |
| 26 05 33 13-1853 | LF | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 18.71 | 3.92 |
| | | *For >250 To 500, Deduct* | *-0.73* | |
| | | *For >500 To 1,000, Deduct* | *-1.20* | |
| | | *For >1,000, Deduct* | *-1.67* | |
| 26 05 33 13-1854 | LF | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 22.02 | 4.42 |
| | | *For >250 To 500, Deduct* | *-0.87* | |
| | | *For >500 To 1,000, Deduct* | *-1.43* | |
| | | *For >1,000, Deduct* | *-1.98* | |
| 26 05 33 13-1855 | LF | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 27.95 | 4.82 |
| | | *For >250 To 500, Deduct* | *-1.12* | |
| | | *For >500 To 1,000, Deduct* | *-1.82* | |
| | | *For >1,000, Deduct* | *-2.52* | |
| 26 05 33 13-1856 | LF | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 40.70 | 7.23 |
| | | *For >250 To 500, Deduct* | *-1.66* | |
| | | *For >500 To 1,000, Deduct* | *-2.68* | |
| | | *For >1,000, Deduct* | *-3.69* | |
| 26 05 33 13-1857 | LF | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 52.42 | 9.05 |
| | | *For >250 To 500, Deduct* | *-2.12* | |
| | | *For >500 To 1,000, Deduct* | *-3.43* | |
| | | *For >1,000, Deduct* | *-4.74* | |
| 26 05 33 13-1858 | LF | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 64.65 | 9.55 |
| | | *For >250 To 500, Deduct* | *-2.60* | |
| | | *For >500 To 1,000, Deduct* | *-4.22* | |
| | | *For >1,000, Deduct* | *-5.84* | |
| 26 05 33 13-1859 | LF | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 76.75 | 10.55 |
| | | *For >250 To 500, Deduct* | *-3.08* | |
| | | *For >500 To 1,000, Deduct* | *-5.00* | |
| | | *For >1,000, Deduct* | *-6.92* | |
| 26 05 33 13-1860 | LF | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 120.78 | 14.57 |
| | | *For >250 To 500, Deduct* | *-5.08* | |
| | | *For >500 To 1,000, Deduct* | *-8.10* | |
| | | *For >1,000, Deduct* | *-11.12* | |
| 26 05 33 13-1861 | LF | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial | 161.42 | 19.09 |
| | | *For >250 To 500, Deduct* | *-6.87* | |
| | | *For >500 To 1,000, Deduct* | *-10.90* | |
| | | *For >1,000, Deduct* | *-14.94* | |
| **26 05 33 13-1862** | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial** *(26 05 33 13-1848)* | | |
| 26 05 33 13-1863 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 11.95 | 3.02 |
| 26 05 33 13-1864 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 14.24 | 4.02 |
| 26 05 33 13-1865 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 18.11 | 5.02 |
| 26 05 33 13-1866 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 20.45 | 5.53 |
| 26 05 33 13-1867 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 24.24 | 6.53 |
| 26 05 33 13-1868 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 31.42 | 7.54 |
| 26 05 33 13-1869 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 58.56 | 9.05 |
| 26 05 33 13-1870 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 74.27 | 12.57 |
| 26 05 33 13-1871 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 92.19 | 14.57 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1872 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 113.91 | 20.10 |
| 26 05 33 13-1873 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 295.49 | 27.64 |
| 26 05 33 13-1874 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial | 299.50 | 15.57 |
| 26 05 33 13-1875 | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial** *(26 05 33 13-1848)* | | |
| | | Note: 90, 45, or 30 degree. | | |
| 26 05 33 13-1876 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 45.88 | 12.57 |
| 26 05 33 13-1877 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 52.70 | 15.57 |
| 26 05 33 13-1878 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 62.91 | 19.09 |
| 26 05 33 13-1879 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 74.59 | 22.10 |
| 26 05 33 13-1880 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 87.57 | 25.12 |
| 26 05 33 13-1881 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 107.36 | 27.64 |
| 26 05 33 13-1882 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 167.48 | 34.67 |
| 26 05 33 13-1883 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 251.29 | 47.23 |
| 26 05 33 13-1884 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 312.31 | 53.26 |
| 26 05 33 13-1885 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 356.21 | 69.33 |
| 26 05 33 13-1886 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 750.33 | 113.05 |
| 26 05 33 13-1887 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial | 1,182.31 | 169.82 |
| 26 05 33 13-1888 | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial** *(26 05 33 13-1848)* | | |
| 26 05 33 13-1889 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial | 111.84 | 19.09 |
| 26 05 33 13-1890 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial | 125.67 | 22.10 |
| 26 05 33 13-1891 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial | 143.50 | 25.12 |
| 26 05 33 13-1892 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial | 171.89 | 27.64 |
| 26 05 33 13-1893 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial | 240.53 | 34.67 |
| 26 05 33 13-1894 | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial** *(26 05 33 13-1848)* | | |
| 26 05 33 13-1895 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial | 125.07 | 19.09 |
| 26 05 33 13-1896 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial | 147.54 | 22.10 |
| 26 05 33 13-1897 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial | 159.18 | 25.12 |
| 26 05 33 13-1898 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial | 206.08 | 27.64 |
| 26 05 33 13-1899 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial | 273.49 | 34.67 |
| 26 05 33 13-1900 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial | 349.06 | 47.23 |
| 26 05 33 13-1901 | | **Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial** *(26 05 33 13-1848)* | | |
| 26 05 33 13-1902 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial | 140.90 | 19.09 |
| 26 05 33 13-1903 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial | 158.93 | 22.10 |
| 26 05 33 13-1904 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial | 179.29 | 25.12 |
| 26 05 33 13-1905 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial | 217.42 | 27.64 |
| 26 05 33 13-1906 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial | 311.37 | 34.67 |
| 26 05 33 13-1907 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial | 393.53 | 47.23 |
| 26 05 33 13-1908 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial | 498.57 | 53.26 |
| 26 05 33 13-1909 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial | 559.13 | 69.33 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1910 | | Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial *(26 05 33 13-1848)* | | |
| 26 05 33 13-1911 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial | 168.23 | 19.09 |
| 26 05 33 13-1912 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial | 185.66 | 22.10 |
| 26 05 33 13-1913 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial | 209.64 | 25.12 |
| 26 05 33 13-1914 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial | 261.13 | 27.64 |
| 26 05 33 13-1915 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial | 379.17 | 34.67 |
| 26 05 33 13-1916 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial | 468.88 | 47.23 |
| 26 05 33 13-1917 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial | 544.58 | 53.26 |
| 26 05 33 13-1918 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial | 643.59 | 69.33 |
| 26 05 33 13-1919 | | Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial *(26 05 33 13-1848)* | | |
| 26 05 33 13-1920 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 189.49 | 19.09 |
| 26 05 33 13-1921 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 210.54 | 22.10 |
| 26 05 33 13-1922 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 239.52 | 25.12 |
| 26 05 33 13-1923 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 299.17 | 27.64 |
| 26 05 33 13-1924 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 416.16 | 34.67 |
| 26 05 33 13-1925 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 529.15 | 47.23 |
| 26 05 33 13-1926 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 656.44 | 53.26 |
| 26 05 33 13-1927 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 721.12 | 69.33 |
| 26 05 33 13-1928 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial | 1,202.97 | 113.05 |
| 26 05 33 13-1929 | | Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial *(26 05 33 13-1848)* | | |
| 26 05 33 13-1930 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 217.30 | 19.09 |
| 26 05 33 13-1931 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 240.61 | 22.10 |
| 26 05 33 13-1932 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 272.27 | 25.12 |
| 26 05 33 13-1933 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 341.37 | 27.64 |
| 26 05 33 13-1934 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 477.80 | 34.67 |
| 26 05 33 13-1935 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 605.94 | 47.23 |
| 26 05 33 13-1936 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 712.49 | 53.26 |
| 26 05 33 13-1937 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 821.22 | 69.33 |
| 26 05 33 13-1938 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 1,273.11 | 113.05 |
| 26 05 33 13-1939 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial | 1,736.59 | 169.82 |
| 26 05 33 13-1940 | | Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial *(26 05 33 13-1848)* | | |
| 26 05 33 13-1941 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 256.02 | 19.09 |
| 26 05 33 13-1942 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 267.41 | 22.10 |
| 26 05 33 13-1943 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 316.09 | 25.12 |
| 26 05 33 13-1944 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 400.10 | 27.64 |
| 26 05 33 13-1945 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 560.92 | 34.67 |
| 26 05 33 13-1946 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 709.46 | 47.23 |
| 26 05 33 13-1947 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 868.32 | 53.26 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1948 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 1,015.93 | 69.33 |
| 26 05 33 13-1949 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 1,501.92 | 113.05 |
| 26 05 33 13-1950 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial | 1,841.62 | 169.82 |
| 26 05 33 13-1951 | | Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial *(26 05 33 13-1848)* | | |
| 26 05 33 13-1952 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 265.35 | 19.09 |
| 26 05 33 13-1953 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 312.75 | 22.10 |
| 26 05 33 13-1954 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 353.99 | 25.12 |
| 26 05 33 13-1955 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 417.77 | 27.64 |
| 26 05 33 13-1956 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 581.68 | 34.67 |
| 26 05 33 13-1957 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 741.30 | 47.23 |
| 26 05 33 13-1958 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 953.19 | 53.26 |
| 26 05 33 13-1959 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 1,060.09 | 69.33 |
| 26 05 33 13-1960 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 1,563.39 | 113.05 |
| 26 05 33 13-1961 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial | 1,894.99 | 169.82 |
| 26 05 33 13-1962 | | Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial *(26 05 33 13-1848)* | | |
| 26 05 33 13-1963 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 87.00 | 12.57 |
| 26 05 33 13-1964 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 94.15 | 15.57 |
| 26 05 33 13-1965 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 122.65 | 19.09 |
| 26 05 33 13-1966 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 180.14 | 22.10 |
| 26 05 33 13-1967 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 214.20 | 25.12 |
| 26 05 33 13-1968 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 273.76 | 27.64 |
| 26 05 33 13-1969 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 365.15 | 34.67 |
| 26 05 33 13-1970 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 477.15 | 34.67 |
| 26 05 33 13-1971 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 612.40 | 53.26 |
| 26 05 33 13-1972 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 788.23 | 69.33 |
| 26 05 33 13-1973 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 1,440.19 | 113.05 |
| 26 05 33 13-1974 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial | 1,785.62 | 169.82 |
| 26 05 33 13-1975 | | Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial *(26 05 33 13-1848)* | | |
| 26 05 33 13-1976 | EA | 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 89.08 | 12.57 |
| 26 05 33 13-1977 | EA | 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 102.11 | 15.57 |
| 26 05 33 13-1978 | EA | 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 126.89 | 19.09 |
| 26 05 33 13-1979 | EA | 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 187.94 | 22.10 |
| 26 05 33 13-1980 | EA | 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 225.01 | 25.12 |
| 26 05 33 13-1981 | EA | 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 297.11 | 27.64 |
| 26 05 33 13-1982 | EA | 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 415.11 | 34.67 |
| 26 05 33 13-1983 | EA | 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 527.96 | 34.67 |
| 26 05 33 13-1984 | EA | 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 704.24 | 53.26 |
| 26 05 33 13-1985 | EA | 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 879.74 | 69.33 |
| 26 05 33 13-1986 | EA | 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 1,607.94 | 113.05 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-1987 | EA | 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial | 2,056.48 | 169.82 |

## 26 05 33 13-1988 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial *(26 05 33 13-1848)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-1989 | EA | 1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 29.60 | 6.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-1990 | EA | 3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 32.95 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-1991 | EA | 1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 37.96 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-1992 | EA | 1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 45.31 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-1993 | EA | 1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 49.09 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-1994 | EA | 1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 32.87 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-1995 | EA | 3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 35.35 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-1996 | EA | 1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 40.38 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-1997 | EA | 1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 47.87 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-1998 | EA | 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 51.85 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-1999 | EA | 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 56.07 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-2000 | EA | 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 33.04 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-2001 | EA | 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 35.52 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2002 | EA | 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 40.69 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2003 | EA | 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 48.21 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2004 | EA | 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 52.19 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2005 | EA | 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 56.92 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-2006 | EA | 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 35.32 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-2007 | EA | 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 37.80 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2008 | EA | 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 43.14 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2009 | EA | 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 49.60 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2010 | EA | 1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 53.72 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2011 | EA | 2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 59.61 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-2012 | EA | 2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 84.13 | 17.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-2013 | EA | 3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 108.35 | 23.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-2014 | EA | 1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 35.49 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-2015 | EA | 3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 38.11 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2016 | EA | 1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 43.47 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2017 | EA | 1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 50.99 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2018 | EA | 1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 55.26 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2019 | EA | 2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 62.29 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-2020 | EA | 2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 86.51 | 17.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-2021 | EA | 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 113.46 | 23.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-2022 | EA | 3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 135.87 | 26.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-2023 | EA | 4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 157.72 | 34.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-2024 | EA | 1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 35.80 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-2025 | EA | 3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 38.44 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2026 | EA | 1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 43.83 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2027 | EA | 1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 51.64 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2028 | EA | 1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 55.93 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2029 | EA | 2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 63.76 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-2030 | EA | 2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 95.95 | 17.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-2031 | EA | 3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 121.11 | 23.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-2032 | EA | 3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 137.50 | 26.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-2033 | EA | 4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 162.09 | 34.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-2034 | EA | 5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 239.74 | 47.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-2035 | EA | 1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 36.40 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-2036 | EA | 3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 39.04 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2037 | EA | 1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 44.48 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2038 | EA | 1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 52.83 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2039 | EA | 1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 57.37 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2040 | EA | 2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 65.22 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-2041 | EA | 2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 105.54 | 17.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-2042 | EA | 3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 131.27 | 23.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-2043 | EA | 3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 146.65 | 26.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-2044 | EA | 4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 177.53 | 34.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2045 | EA | 5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 262.82 | 47.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-2046 | EA | 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 37.33 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-2047 | EA | 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 39.96 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2048 | EA | 1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 45.92 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2049 | EA | 1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 53.15 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2050 | EA | 1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 60.29 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2051 | EA | 2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 72.36 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-2052 | EA | 2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 117.34 | 17.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-2053 | EA | 3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 145.18 | 23.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-2054 | EA | 3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 169.57 | 26.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-2055 | EA | 4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 200.71 | 34.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-2056 | EA | 5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 278.65 | 47.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-2057 | EA | 1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 38.31 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-2058 | EA | 3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 40.91 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2059 | EA | 1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 47.33 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2060 | EA | 1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 57.46 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2061 | EA | 1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 67.24 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2062 | EA | 2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 82.86 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |
| 26 05 33 13-2063 | EA | 2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 129.80 | 17.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-2064 | EA | 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 162.99 | 23.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-2065 | EA | 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 193.64 | 26.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-2066 | EA | 4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 241.27 | 34.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-2067 | EA | 5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 310.22 | 47.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |
| 26 05 33 13-2068 | EA | 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 39.32 | 6.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.92* | |
| 26 05 33 13-2069 | EA | 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 42.04 | 7.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2070 | EA | 1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 50.93 | 9.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2071 | EA | 1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 64.56 | 11.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2072 | EA | 1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 75.66 | 12.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2073 | EA | 2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 91.30 | 14.07 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2074 | EA | 2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 146.44 | 17.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.25* | |
| 26 05 33 13-2075 | EA | 3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 189.70 | 23.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.17* | |
| 26 05 33 13-2076 | EA | 3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 208.41 | 26.62 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.98* | |
| 26 05 33 13-2077 | EA | 4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 253.72 | 34.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.80* | |
| 26 05 33 13-2078 | EA | 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial | 314.73 | 47.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.64* | |

## 26 05 33 13-2079 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1768)*

Note: Direct burial or encased application.

## 26 05 33 13-2080 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2081 | LF | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 8.54 | 1.17 |
| | | *For Work In Restricted Working Space, Add* | *0.88* | |
| 26 05 33 13-2082 | LF | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 9.48 | 1.26 |
| | | *For Work In Restricted Working Space, Add* | *0.95* | |
| 26 05 33 13-2083 | LF | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 10.07 | 1.35 |
| | | *For Work In Restricted Working Space, Add* | *1.02* | |
| 26 05 33 13-2084 | LF | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 10.66 | 1.44 |
| | | *For Work In Restricted Working Space, Add* | *1.08* | |
| 26 05 33 13-2085 | LF | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 11.46 | 1.53 |
| | | *For Work In Restricted Working Space, Add* | *1.15* | |
| 26 05 33 13-2086 | LF | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 11.88 | 1.62 |
| | | *For Work In Restricted Working Space, Add* | *1.22* | |
| 26 05 33 13-2087 | LF | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 13.66 | 1.71 |
| | | *For Work In Restricted Working Space, Add* | *1.29* | |
| 26 05 33 13-2088 | LF | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 15.76 | 1.80 |
| | | *For Work In Restricted Working Space, Add* | *1.35* | |
| 26 05 33 13-2089 | LF | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 17.39 | 1.89 |
| | | *For Work In Restricted Working Space, Add* | *1.42* | |
| 26 05 33 13-2090 | LF | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 19.02 | 1.98 |
| | | *For Work In Restricted Working Space, Add* | *1.49* | |
| 26 05 33 13-2091 | LF | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 22.75 | 2.07 |
| | | *For Work In Restricted Working Space, Add* | *1.56* | |
| 26 05 33 13-2092 | LF | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial | 27.37 | 2.16 |
| | | *For Work In Restricted Working Space, Add* | *1.62* | |

## 26 05 33 13-2093 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2094 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 126.32 | 9.03 |
| | | *For Work In Restricted Working Space, Add* | *6.77* | |
| | | *For 24" Radius, Add* | *8.91* | |
| | | *For 36" Radius, Add* | *12.63* | |
| | | *For 48" Radius, Add* | *16.35* | |
| 26 05 33 13-2095 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 143.24 | 10.83 |
| | | *For Work In Restricted Working Space, Add* | *8.12* | |
| | | *For 24" Radius, Add* | *10.07* | |
| | | *For 36" Radius, Add* | *14.32* | |
| | | *For 48" Radius, Add* | *18.58* | |
| 26 05 33 13-2096 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 148.93 | 12.64 |
| | | *For Work In Restricted Working Space, Add* | *9.47* | |
| | | *For 24" Radius, Add* | *10.38* | |
| | | *For 36" Radius, Add* | *14.89* | |
| | | *For 48" Radius, Add* | *19.41* | |
| 26 05 33 13-2097 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 154.59 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *10.83* | |
| | | *For 24" Radius, Add* | *10.69* | |
| | | *For 36" Radius, Add* | *15.46* | |
| | | *For 48" Radius, Add* | *20.23* | |
| 26 05 33 13-2098 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 160.28 | 16.24 |
| | | *For Work In Restricted Working Space, Add* | *12.18* | |
| | | *For 24" Radius, Add* | *11.01* | |
| | | *For 36" Radius, Add* | *16.03* | |
| | | *For 48" Radius, Add* | *21.05* | |
| 26 05 33 13-2099 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 181.30 | 18.05 |
| | | *For Work In Restricted Working Space, Add* | *13.54* | |
| | | *For 24" Radius, Add* | *12.47* | |
| | | *For 36" Radius, Add* | *18.13* | |
| | | *For 48" Radius, Add* | *23.79* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2100 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 212.63 | 19.85 |
| | | *For Work In Restricted Working Space, Add* | *14.89* | |
| | | *For 24" Radius, Add* | *14.71* | |
| | | *For 36" Radius, Add* | *21.26* | |
| | | *For 48" Radius, Add* | *27.82* | |
| 26 05 33 13-2101 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 249.74 | 21.66 |
| | | *For Work In Restricted Working Space, Add* | *16.25* | |
| | | *For 24" Radius, Add* | *17.38* | |
| | | *For 36" Radius, Add* | *24.97* | |
| | | *For 48" Radius, Add* | *32.57* | |
| 26 05 33 13-2102 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 283.22 | 25.27 |
| | | *For Work In Restricted Working Space, Add* | *18.95* | |
| | | *For 24" Radius, Add* | *19.66* | |
| | | *For 36" Radius, Add* | *28.32* | |
| | | *For 48" Radius, Add* | *36.98* | |
| 26 05 33 13-2103 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 316.67 | 32.48 |
| | | *For Work In Restricted Working Space, Add* | *21.66* | |
| | | *For 24" Radius, Add* | *21.95* | |
| | | *For 36" Radius, Add* | *31.67* | |
| | | *For 48" Radius, Add* | *41.39* | |
| 26 05 33 13-2104 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 386.83 | 32.48 |
| | | *For Work In Restricted Working Space, Add* | *24.37* | |
| | | *For 24" Radius, Add* | *26.98* | |
| | | *For 36" Radius, Add* | *38.68* | |
| | | *For 48" Radius, Add* | *50.38* | |
| 26 05 33 13-2105 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial | 472.26 | 36.10 |
| | | *For Work In Restricted Working Space, Add* | *27.08* | |
| | | *For 24" Radius, Add* | *33.16* | |
| | | *For 36" Radius, Add* | *47.23* | |
| | | *For 48" Radius, Add* | *61.29* | |

## 26 05 33 13-2106 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2107 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 55.60 | 5.05 |
| | | *For Work In Restricted Working Space, Add* | *3.79* | |
| 26 05 33 13-2108 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 62.32 | 5.77 |
| | | *For Work In Restricted Working Space, Add* | *4.33* | |
| 26 05 33 13-2109 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 64.61 | 6.49 |
| | | *For Work In Restricted Working Space, Add* | *4.87* | |
| 26 05 33 13-2110 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 66.82 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *5.42* | |
| 26 05 33 13-2111 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 69.60 | 7.95 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 26 05 33 13-2112 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 80.91 | 8.67 |
| | | *For Work In Restricted Working Space, Add* | *6.50* | |
| 26 05 33 13-2113 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 95.68 | 9.75 |
| | | *For Work In Restricted Working Space, Add* | *7.31* | |
| 26 05 33 13-2114 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 112.64 | 10.83 |
| | | *For Work In Restricted Working Space, Add* | *8.12* | |
| 26 05 33 13-2115 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 127.85 | 12.64 |
| | | *For Work In Restricted Working Space, Add* | *9.47* | |
| 26 05 33 13-2116 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 143.06 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *10.83* | |
| 26 05 33 13-2117 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 174.30 | 16.24 |
| | | *For Work In Restricted Working Space, Add* | *12.18* | |
| 26 05 33 13-2118 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial | 212.18 | 18.05 |
| | | *For Work In Restricted Working Space, Add* | *13.54* | |

## 26 05 33 13-2119 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2120 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 36.88 | 5.05 |
| | | *For Work In Restricted Working Space, Add* | *3.79* | |
| 26 05 33 13-2121 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 41.37 | 5.77 |
| | | *For Work In Restricted Working Space, Add* | *4.33* | |
| 26 05 33 13-2122 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 43.46 | 6.49 |
| | | *For Work In Restricted Working Space, Add* | *4.87* | |
| 26 05 33 13-2123 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 45.56 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *5.42* | |
| 26 05 33 13-2124 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 47.64 | 7.95 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 26 05 33 13-2125 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 49.61 | 8.67 |
| | | *For Work In Restricted Working Space, Add* | *6.50* | |
| 26 05 33 13-2126 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 57.91 | 9.75 |
| | | *For Work In Restricted Working Space, Add* | *7.31* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2127 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 67.33 | 10.83 |
| | | *For Work In Restricted Working Space, Add* | *8.12* | |
| 26 05 33 13-2128 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 76.87 | 12.64 |
| | | *For Work In Restricted Working Space, Add* | *9.47* | |
| 26 05 33 13-2129 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 86.42 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *10.83* | |
| 26 05 33 13-2130 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 103.57 | 16.24 |
| | | *For Work In Restricted Working Space, Add* | *12.18* | |
| 26 05 33 13-2131 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial | 123.76 | 18.05 |
| | | *For Work In Restricted Working Space, Add* | *13.54* | |

## 26 05 33 13-2132 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2133 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 37.35 | 2.89 |
| | | *For Work In Restricted Working Space, Add* | *2.17* | |
| 26 05 33 13-2134 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 41.63 | 3.25 |
| | | *For Work In Restricted Working Space, Add* | *2.44* | |
| 26 05 33 13-2135 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 42.89 | 3.61 |
| | | *For Work In Restricted Working Space, Add* | *2.71* | |
| 26 05 33 13-2136 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 43.99 | 3.97 |
| | | *For Work In Restricted Working Space, Add* | *2.98* | |
| 26 05 33 13-2137 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 45.67 | 4.33 |
| | | *For Work In Restricted Working Space, Add* | *3.25* | |
| 26 05 33 13-2138 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 54.12 | 5.05 |
| | | *For Work In Restricted Working Space, Add* | *3.79* | |
| 26 05 33 13-2139 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 65.09 | 6.13 |
| | | *For Work In Restricted Working Space, Add* | *4.60* | |
| 26 05 33 13-2140 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 77.74 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *5.42* | |
| 26 05 33 13-2141 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 89.71 | 9.03 |
| | | *For Work In Restricted Working Space, Add* | *6.77* | |
| 26 05 33 13-2142 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 101.68 | 10.83 |
| | | *For Work In Restricted Working Space, Add* | *8.12* | |
| 26 05 33 13-2143 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 124.81 | 12.64 |
| | | *For Work In Restricted Working Space, Add* | *9.47* | |
| 26 05 33 13-2144 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial | 152.68 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *10.83* | |

## 26 05 33 13-2145 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2146 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 78.32 | 18.05 |
| | | *For Work In Restricted Working Space, Add* | *13.54* | |
| 26 05 33 13-2147 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 90.99 | 21.66 |
| | | *For Work In Restricted Working Space, Add* | *16.25* | |
| 26 05 33 13-2148 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 100.42 | 25.27 |
| | | *For Work In Restricted Working Space, Add* | *18.95* | |
| 26 05 33 13-2149 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 109.68 | 28.88 |
| | | *For Work In Restricted Working Space, Add* | *21.66* | |
| 26 05 33 13-2150 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 115.05 | 30.68 |
| | | *For Work In Restricted Working Space, Add* | *23.01* | |
| 26 05 33 13-2151 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 126.86 | 32.48 |
| | | *For Work In Restricted Working Space, Add* | *24.37* | |
| 26 05 33 13-2152 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 140.50 | 34.30 |
| | | *For Work In Restricted Working Space, Add* | *25.72* | |
| 26 05 33 13-2153 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 155.97 | 36.10 |
| | | *For Work In Restricted Working Space, Add* | *27.08* | |
| 26 05 33 13-2154 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 168.70 | 37.91 |
| | | *For Work In Restricted Working Space, Add* | *28.43* | |
| 26 05 33 13-2155 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 181.42 | 39.71 |
| | | *For Work In Restricted Working Space, Add* | *29.78* | |
| 26 05 33 13-2156 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 206.47 | 41.51 |
| | | *For Work In Restricted Working Space, Add* | *31.14* | |
| 26 05 33 13-2157 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial | 236.66 | 43.32 |
| | | *For Work In Restricted Working Space, Add* | *32.49* | |

## 26 05 33 13-2158 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2159 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 91.81 | 18.05 |
| | | *For Work In Restricted Working Space, Add* | *13.54* | |
| 26 05 33 13-2160 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 106.10 | 21.66 |
| | | *For Work In Restricted Working Space, Add* | *16.25* | |
| 26 05 33 13-2161 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 115.62 | 25.27 |
| | | *For Work In Restricted Working Space, Add* | *18.95* | |
| 26 05 33 13-2162 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 125.04 | 28.88 |
| | | *For Work In Restricted Working Space, Add* | *21.66* | |
| 26 05 33 13-2163 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 130.54 | 30.68 |
| | | *For Work In Restricted Working Space, Add* | *23.01* | |
| 26 05 33 13-2164 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 144.54 | 32.48 |
| | | *For Work In Restricted Working Space, Add* | *24.37* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2165 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 161.72 | 34.30 |
| | | *For Work In Restricted Working Space, Add* | *25.72* | |
| 26 05 33 13-2166 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 181.44 | 36.10 |
| | | *For Work In Restricted Working Space, Add* | *27.08* | |
| 26 05 33 13-2167 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 197.36 | 37.91 |
| | | *For Work In Restricted Working Space, Add* | *28.43* | |
| 26 05 33 13-2168 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 213.28 | 39.71 |
| | | *For Work In Restricted Working Space, Add* | *29.78* | |
| 26 05 33 13-2169 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 246.41 | 41.51 |
| | | *For Work In Restricted Working Space, Add* | *31.14* | |
| 26 05 33 13-2170 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial | 286.57 | 43.32 |
| | | *For Work In Restricted Working Space, Add* | *32.49* | |

## 26 05 33 13-2171 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters

*(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2172 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 123.67 | 5.05 |
| | | *For Work In Restricted Working Space, Add* | *3.79* | |
| 26 05 33 13-2173 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 137.78 | 5.77 |
| | | *For Work In Restricted Working Space, Add* | *4.33* | |
| 26 05 33 13-2174 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 143.37 | 6.49 |
| | | *For Work In Restricted Working Space, Add* | *4.87* | |
| 26 05 33 13-2175 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 149.13 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *5.42* | |
| 26 05 33 13-2176 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 152.97 | 7.95 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 26 05 33 13-2177 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 167.45 | 8.67 |
| | | *For Work In Restricted Working Space, Add* | *6.50* | |
| 26 05 33 13-2178 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 199.34 | 9.75 |
| | | *For Work In Restricted Working Space, Add* | *7.31* | |
| 26 05 33 13-2179 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 236.92 | 10.83 |
| | | *For Work In Restricted Working Space, Add* | *8.12* | |
| 26 05 33 13-2180 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 267.67 | 12.64 |
| | | *For Work In Restricted Working Space, Add* | *9.47* | |
| 26 05 33 13-2181 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 298.43 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *10.83* | |
| 26 05 33 13-2182 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 368.62 | 16.24 |
| | | *For Work In Restricted Working Space, Add* | *12.18* | |
| 26 05 33 13-2183 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial | 452.59 | 18.05 |
| | | *For Work In Restricted Working Space, Add* | *13.54* | |

## 26 05 33 13-2184 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-2079)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2185 | EA | 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 115.26 | 18.05 |
| | | *For Work In Restricted Working Space, Add* | *13.54* | |
| 26 05 33 13-2186 | EA | 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 132.10 | 21.66 |
| | | *For Work In Restricted Working Space, Add* | *16.25* | |
| 26 05 33 13-2187 | EA | 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 159.47 | 25.27 |
| | | *For Work In Restricted Working Space, Add* | *18.95* | |
| 26 05 33 13-2188 | EA | 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 202.02 | 28.88 |
| | | *For Work In Restricted Working Space, Add* | *21.66* | |
| 26 05 33 13-2189 | EA | 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 254.69 | 30.68 |
| | | *For Work In Restricted Working Space, Add* | *23.01* | |
| 26 05 33 13-2190 | EA | 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 344.99 | 32.48 |
| | | *For Work In Restricted Working Space, Add* | *24.37* | |
| 26 05 33 13-2191 | EA | 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 500.79 | 34.30 |
| | | *For Work In Restricted Working Space, Add* | *25.72* | |
| 26 05 33 13-2192 | EA | 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 604.92 | 36.10 |
| | | *For Work In Restricted Working Space, Add* | *27.08* | |
| 26 05 33 13-2193 | EA | 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 727.72 | 37.91 |
| | | *For Work In Restricted Working Space, Add* | *28.43* | |
| 26 05 33 13-2194 | EA | 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 850.52 | 39.71 |
| | | *For Work In Restricted Working Space, Add* | *29.78* | |
| 26 05 33 13-2195 | EA | 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 996.16 | 41.51 |
| | | *For Work In Restricted Working Space, Add* | *31.14* | |
| 26 05 33 13-2196 | EA | 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial | 1,623.25 | 43.32 |
| | | *For Work In Restricted Working Space, Add* | *32.49* | |

## 26 05 33 13-2197 Spacers *(26 05 33 13-1768)*

Note: For concrete encasement applications. See CSI section 03 31 13 00-0039 for concrete., 26 05 33 13-1768 for conduit.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2198 | EA | 1" Base Spacers, Average 4" Wide, Direct Burial | 10.35 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2199 | EA | 1" Intermediate Spacers, Average 4" Wide, Direct Burial | 11.02 | |
| 26 05 33 13-2200 | EA | 1-1/4" Base Spacer, Average 4" Wide, Direct Burial | 12.23 | |
| 26 05 33 13-2201 | EA | 1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial | 13.05 | |
| 26 05 33 13-2202 | EA | 1-1/2" Base Spacer, Average 4" Wide, Direct Burial | 12.40 | |
| 26 05 33 13-2203 | EA | 1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial | 13.17 | |
| 26 05 33 13-2204 | EA | 2" Base Spacer, Average 4" Wide, Direct Burial | 15.17 | |
| 26 05 33 13-2205 | EA | 2" Intermediate Spacers, Average 4" Wide, Direct Burial | 14.08 | |
| 26 05 33 13-2206 | EA | 2-1/2" Base Spacer, Average 4" Wide, Direct Burial | 16.71 | |
| 26 05 33 13-2207 | EA | 2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial | 16.19 | |
| 26 05 33 13-2208 | EA | 3" Base Spacer, Average 4" Wide, Direct Burial | 18.99 | |
| 26 05 33 13-2209 | EA | 3" Intermediate Spacers, Average 4" Wide, Direct Burial | 18.25 | |
| 26 05 33 13-2210 | EA | 3-1/2" Base Spacer, Average 4" Wide, Direct Burial | 20.58 | |
| 26 05 33 13-2211 | EA | 3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial | 19.74 | |
| 26 05 33 13-2212 | EA | 4" Base Spacer, Average 4" Wide, Direct Burial | 21.28 | |
| 26 05 33 13-2213 | EA | 4" Intermediate Spacers, Average 4" Wide, Direct Burial | 20.30 | |
| 26 05 33 13-2214 | EA | 5" Base Spacer, Average 4" Wide, Direct Burial | 23.55 | |
| 26 05 33 13-2215 | EA | 5" Intermediate Spacers, Average 4" Wide, Direct Burial | 22.39 | |
| 26 05 33 13-2216 | EA | 6" Base Spacer, Average 4" Wide, Direct Burial | 27.24 | |
| 26 05 33 13-2217 | EA | 6" Intermediate Spacers, Average 4" Wide, Direct Burial | 26.24 | |

### 26 05 33 13-2218 Conduit Field Bending *(26 05 33 13-0057)*

### 26 05 33 13-2219 Metallic Conduit Field Bending *(26 05 33 13-2218)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2220 | EA | 1-1/4" Metallic Conduit Field Bending | 17.30 | |
| 26 05 33 13-2221 | EA | 1-1/2" Metallic Conduit Field Bending | 23.07 | |
| 26 05 33 13-2222 | EA | 2" Metallic Conduit Field Bending | 28.83 | |
| 26 05 33 13-2223 | EA | 2-1/2" Metallic Conduit Field Bending | 40.38 | |
| 26 05 33 13-2224 | EA | 3" Metallic Conduit Field Bending | 51.91 | |
| 26 05 33 13-2225 | EA | 3-1/2" Metallic Conduit Field Bending | 63.45 | |
| 26 05 33 13-2226 | EA | 4" Metallic Conduit Field Bending | 74.98 | |
| 26 05 33 13-2227 | EA | 5" Metallic Conduit Field Bending | 92.28 | |
| 26 05 33 13-2228 | EA | 6" Metallic Conduit Field Bending | 109.59 | |

### 26 05 33 13-2229 Plastic Conduit Field Bending *(26 05 33 13-2218)*

Note: For PVC conduits.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2230 | EA | 1" Plastic Conduit Field Bending | 26.54 | |
| 26 05 33 13-2231 | EA | 1-1/4" Plastic Conduit Field Bending | 28.83 | |
| 26 05 33 13-2232 | EA | 1-1/2" Plastic Conduit Field Bending | 34.61 | |
| 26 05 33 13-2233 | EA | 2" Plastic Conduit Field Bending | 46.14 | |
| 26 05 33 13-2234 | EA | 2-1/2" Plastic Conduit Field Bending | 57.68 | |
| 26 05 33 13-2235 | EA | 3" Plastic Conduit Field Bending | 69.21 | |
| 26 05 33 13-2236 | EA | 3-1/2" Plastic Conduit Field Bending | 80.75 | |
| 26 05 33 13-2237 | EA | 4" Plastic Conduit Field Bending | 92.28 | |
| 26 05 33 13-2238 | EA | 5" Plastic Conduit Field Bending | 103.82 | |
| 26 05 33 13-2239 | EA | 6" Plastic Conduit Field Bending | 115.36 | |

### 26 05 33 13-2240 Cut And Thread Existing In-Place Threaded Conduit *(26 05 33 13-0057)*

Note: For use when connecting conduit to an existing in-place system.

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2241 | EA | 1/2", Cut And Thread Existing In-Place Threaded Conduit | 33.06 | |
| | | *For Work In Restricted Working Space, Add* | *9.92* | |
| 26 05 33 13-2242 | EA | 3/4", Cut And Thread Existing In-Place Threaded Conduit | 36.36 | |
| | | *For Work In Restricted Working Space, Add* | *10.91* | |
| 26 05 33 13-2243 | EA | 1", Cut And Thread Existing In-Place Threaded Conduit | 39.67 | |
| | | *For Work In Restricted Working Space, Add* | *11.90* | |
| 26 05 33 13-2244 | EA | 1-1/4", Cut And Thread Existing In-Place Threaded Conduit | 42.97 | |
| | | *For Work In Restricted Working Space, Add* | *12.89* | |
| 26 05 33 13-2245 | EA | 1-1/2", Cut And Thread Existing In-Place Threaded Conduit | 45.18 | |
| | | *For Work In Restricted Working Space, Add* | *13.55* | |
| 26 05 33 13-2246 | EA | 2", Cut And Thread Existing In-Place Threaded Conduit | 47.38 | |
| | | *For Work In Restricted Working Space, Add* | *14.21* | |
| 26 05 33 13-2247 | EA | 2-1/2", Cut And Thread Existing In-Place Threaded Conduit | 49.59 | |
| | | *For Work In Restricted Working Space, Add* | *14.88* | |
| 26 05 33 13-2248 | EA | 3", Cut And Thread Existing In-Place Threaded Conduit | 51.79 | |
| | | *For Work In Restricted Working Space, Add* | *15.54* | |
| 26 05 33 13-2249 | EA | 3-1/2", Cut And Thread Existing In-Place Threaded Conduit | 52.89 | |
| | | *For Work In Restricted Working Space, Add* | *15.87* | |
| 26 05 33 13-2250 | EA | 4", Cut And Thread Existing In-Place Threaded Conduit | 54.00 | |
| | | *For Work In Restricted Working Space, Add* | *16.20* | |
| 26 05 33 13-2251 | EA | 5", Cut And Thread Existing In-Place Threaded Conduit | 56.20 | |
| | | *For Work In Restricted Working Space, Add* | *16.86* | |
| 26 05 33 13-2252 | EA | 6", Cut And Thread Existing In-Place Threaded Conduit | 58.40 | |
| | | *For Work In Restricted Working Space, Add* | *17.52* | |

### 26 05 33 13-2253 Flexible Conduit *(26 05 33 13-0057)*

### 26 05 33 13-2254 Flexible Liquid Tight Metallic Conduit And Connectors *(26 05 33 13-2253)*

Note: Steel inner core with PVC cover.

### 26 05 33 13-2255 Flexible Liquid Tight Metallic Conduit *(26 05 33 13-2254)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2256 | LF | 3/8" Flexible Liquid Tight Metallic Conduit | 3.92 | 1.20 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.45* | |
| | | *For Work In Restricted Working Space, Add* | *0.91* | |
| 26 05 33 13-2257 | LF | 1/2" Flexible Liquid Tight Metallic Conduit | 4.05 | 1.20 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.45* | |
| | | *For Work In Restricted Working Space, Add* | *0.91* | |
| 26 05 33 13-2258 | LF | 3/4" Flexible Liquid Tight Metallic Conduit | 5.42 | 1.60 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.60* | |
| | | *For Work In Restricted Working Space, Add* | *1.21* | |
| 26 05 33 13-2259 | LF | 1" Flexible Liquid Tight Metallic Conduit | 6.14 | 1.60 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.60* | |
| | | *For Work In Restricted Working Space, Add* | *1.21* | |
| 26 05 33 13-2260 | LF | 1-1/4" Flexible Liquid Tight Metallic Conduit | 7.90 | 2.01 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.75* | |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| 26 05 33 13-2261 | LF | 1-1/2" Flexible Liquid Tight Metallic Conduit | 10.08 | 2.41 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.90* | |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| 26 05 33 13-2262 | LF | 2" Flexible Liquid Tight Metallic Conduit | 13.28 | 3.22 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.21* | |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| 26 05 33 13-2263 | LF | 2-1/2" Flexible Liquid Tight Metallic Conduit | 17.70 | 3.62 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.36* | |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| 26 05 33 13-2264 | LF | 3" Flexible Liquid Tight Metallic Conduit | 25.60 | 4.42 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.66* | |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| 26 05 33 13-2265 | LF | 4" Flexible Liquid Tight Metallic Conduit | 34.84 | 5.63 |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *2.11* | |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |

## 26 05 33 13-2266 Straight Liquid Tight Connector *(26 05 33 13-2254)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2267 | EA | 3/8" Straight Liquid Tight Connector | 10.61 | 3.22 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.41* | |
| 26 05 33 13-2268 | EA | 1/2" Straight Liquid Tight Connector | 10.61 | 3.22 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.41* | |
| 26 05 33 13-2269 | EA | 3/4" Straight Liquid Tight Connector | 12.73 | 3.62 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.72* | |
| 26 05 33 13-2270 | EA | 1" Straight Liquid Tight Connector | 16.61 | 4.02 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |
| 26 05 33 13-2271 | EA | 1-1/4" Straight Liquid Tight Connector | 20.97 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2272 | EA | 1-1/2" Straight Liquid Tight Connector | 26.21 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-2273 | EA | 2" Straight Liquid Tight Connector | 35.64 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.22* | |
| 26 05 33 13-2274 | EA | 2-1/2" Straight Liquid Tight Connector | 116.00 | 7.23 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |
| 26 05 33 13-2275 | EA | 3" Straight Liquid Tight Connector | 148.75 | 7.64 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2276 | EA | 4" Straight Liquid Tight Connector | 182.99 | 11.25 |
| | | *For Work In Restricted Working Space, Add* | *8.44* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.44* | |

## 26 05 33 13-2277 90 Degree Angle Liquid Tight Connector *(26 05 33 13-2254)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2278 | EA | 3/8" 90 Degree Angle Liquid Tight Connector | 15.34 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2279 | EA | 1/2" 90 Degree Angle Liquid Tight Connector | 15.89 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2280 | EA | 3/4" 90 Degree Angle Liquid Tight Connector | 17.87 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-2281 | EA | 1" 90 Degree Angle Liquid Tight Connector | 24.65 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.22* | |
| 26 05 33 13-2282 | EA | 1-1/4" 90 Degree Angle Liquid Tight Connector | 30.55 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2283 | EA | 1-1/2" 90 Degree Angle Liquid Tight Connector | 36.63 | 6.43 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |
| 26 05 33 13-2284 | EA | 2" 90 Degree Angle Liquid Tight Connector | 47.86 | 7.23 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2285 | EA | 2-1/2" 90 Degree Angle Liquid Tight Connector | 160.87 | 7.64 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2286 | EA | 3" 90 Degree Angle Liquid Tight Connector | 190.00 | 8.84 |
| | | *For Work In Restricted Working Space, Add* | *6.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.63* | |
| 26 05 33 13-2287 | EA | 4" 90 Degree Angle Liquid Tight Connector | 263.72 | 14.07 |
| | | *For Work In Restricted Working Space, Add* | *10.55* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.55* | |

## 26 05 33 13-2288 45 Degree Angle Connector *(26 05 33 13-2254)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2289 | EA | 3/8" 45 Degree Angle Liquid Tight Connector | 15.15 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2290 | EA | 1/2" 45 Degree Angle Liquid Tight Connector | 15.28 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2291 | EA | 3/4" 45 Degree Angle Liquid Tight Connector | 17.87 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-2292 | EA | 1" 45 Degree Angle Liquid Tight Connector | 26.16 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.22* | |
| 26 05 33 13-2293 | EA | 1-1/4" 45 Degree Angle Liquid Tight Connector | 29.57 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2294 | EA | 1-1/2" 45 Degree Angle Liquid Tight Connector | 32.98 | 6.43 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |

## 26 05 33 13-2295 Flexible Metallic Conduit And Connectors *(26 05 33 13-2253)*

## 26 05 33 13-2296 Flexible Steel Conduit *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2297 | LF | 3/8" Flexible Metallic Conduit | 4.01 | 1.32 |
| | | *For Flexible Aluminum Conduit, Add* | *0.13* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.48* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.32* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *0.81* | |
| | | *For Work In Restricted Working Space, Add* | *0.97* | |
| 26 05 33 13-2298 | LF | 1/2" Flexible Metallic Conduit | 4.17 | 1.32 |
| | | *For Flexible Aluminum Conduit, Add* | *0.14* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.50* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.33* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *0.83* | |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 33 13-2299 | LF | 3/4" Flexible Metallic Conduit | 4.77 | 1.76 |
| | | *For Flexible Aluminum Conduit, Add* | *0.20* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.54* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.36* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *0.90* | |
| | | *For Work In Restricted Working Space, Add* | *1.07* | |
| 26 05 33 13-2300 | LF | 1" Flexible Metallic Conduit | 6.07 | 1.76 |
| | | *For Flexible Aluminum Conduit, Add* | *0.37* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.58* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.39* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *0.96* | |
| | | *For Work In Restricted Working Space, Add* | *1.16* | |
| 26 05 33 13-2301 | LF | 1-1/4" Flexible Metallic Conduit | 6.97 | 2.20 |
| | | *For Flexible Aluminum Conduit, Add* | *0.48* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.61* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.41* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.02* | |
| | | *For Work In Restricted Working Space, Add* | *1.22* | |
| 26 05 33 13-2302 | LF | 1-1/2" Flexible Metallic Conduit | 9.31 | 2.64 |
| | | *For Flexible Aluminum Conduit, Add* | *0.84* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.63* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.42* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.06* | |
| | | *For Work In Restricted Working Space, Add* | *1.27* | |
| 26 05 33 13-2303 | LF | 2" Flexible Metallic Conduit | 10.63 | 3.52 |
| | | *For Flexible Aluminum Conduit, Add* | *1.03* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.66* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.44* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.10* | |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |
| 26 05 33 13-2304 | LF | 2-1/2" Flexible Steel Conduit | 13.04 | 3.96 |
| | | *For Flexible Aluminum Conduit, Add* | *1.24* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.83* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.55* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.38* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2305 | LF | 3" Flexible Metallic Conduit | 19.69 | 4.84 |
| | | *For Flexible Aluminum Conduit, Add* | *2.16* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *0.99* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.66* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.65* | |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| 26 05 33 13-2306 | LF | 3-1/2" Flexible Metallic Conduit | 24.20 | 5.28 |
| | | *For Flexible Aluminum Conduit, Add* | *2.72* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.16* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.77* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *1.93* | |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| 26 05 33 13-2307 | LF | 4" Flexible Metallic Conduit | 27.84 | 6.16 |
| | | *For Flexible Aluminum Conduit, Add* | *3.14* | |
| | | *For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add* | *1.32* | |
| | | *For Installation In Metal Stud Wall, Add* | *0.88* | |
| | | *For Installation In Wood Stud Wall (Includes Drilling), Add* | *2.20* | |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |

## 26 05 33 13-2308 Plain Squeeze Type Straight Connector *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2309 | EA | 3/8" Flexible Straight Connectors, Plain | 6.96 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *1.49* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.49* | |
| 26 05 33 13-2310 | EA | 1/2" Flexible Straight Connectors, Plain | 8.69 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.65* | |
| 26 05 33 13-2311 | EA | 3/4" Flexible Straight Connectors, Plain | 9.96 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |
| 26 05 33 13-2312 | EA | 1" Flexible Straight Connectors, Plain | 16.17 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2313 | EA | 1-1/4" Flexible Straight Connectors, Plain | 23.07 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 05 33 13-2314 | EA | 1-1/2" Flexible Straight Connectors, Plain | 30.51 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.13* | |
| 26 05 33 13-2315 | EA | 2" Flexible Straight Connectors, Plain | 40.33 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 33 13-2316 | EA | 2-1/2" Flexible Straight Connectors, Plain | 66.07 | 9.24 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.78* | |
| 26 05 33 13-2317 | EA | 3" Flexible Straight Connectors, Plain | 86.90 | 10.11 |
| | | *For Work In Restricted Working Space, Add* | *6.60* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 33 13-2318 | EA | 3-1/2" Flexible Straight Connectors, Plain | 275.77 | 11.88 |
| | | *For Work In Restricted Working Space, Add* | *7.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.43* | |
| 26 05 33 13-2319 | EA | 4" Flexible Straight Connectors, Plain | 345.07 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *8.25* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |

## 26 05 33 13-2320 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2321 | EA | 1/2" Flexible Straight Connectors, Insulated | 9.79 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.65* | |
| 26 05 33 13-2322 | EA | 3/4" Flexible Straight Connectors, Insulated | 11.40 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |
| 26 05 33 13-2323 | EA | 1" Flexible Straight Connectors, Insulated | 18.13 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2324 | EA | 1-1/4" Flexible Straight Connectors, Insulated | 26.67 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 05 33 13-2325 | EA | 1-1/2" Flexible Straight Connectors, Insulated | 36.91 | 6.60 |
| | | *For Work In Restricted Working Space, Add* | *4.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.13* | |
| 26 05 33 13-2326 | EA | 2" Flexible Straight Connectors, Insulated | 51.64 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 33 13-2327 | EA | 2-1/2" Flexible Straight Connectors, Insulated | 90.27 | 9.24 |
| | | *For Work In Restricted Working Space, Add* | *5.78* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.78* | |
| 26 05 33 13-2328 | EA | 3" Flexible Straight Connectors, Insulated | 115.44 | 10.11 |
| | | *For Work In Restricted Working Space, Add* | *6.60* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 33 13-2329 | EA | 3-1/2" Flexible Straight Connectors, Insulated | 319.76 | 11.88 |
| | | *For Work In Restricted Working Space, Add* | *7.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.43* | |
| 26 05 33 13-2330 | EA | 4" Flexible Straight Connectors, Insulated | 411.21 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *8.25* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 33 13-2331** | | **Plain Squeeze Type 90 Degree Connector** *(26 05 33 13-2295)* | | |
| 26 05 33 13-2332 | EA | 3/8" Flexible 90 Degree Connector, Plain | 9.82 | 4.40 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |
| 26 05 33 13-2333 | EA | 1/2" Flexible 90 Degree Connector, Plain | 13.08 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.31* | |
| 26 05 33 13-2334 | EA | 3/4" Flexible 90 Degree Connector, Plain | 17.23 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2335 | EA | 1" Flexible 90 Degree Connector, Plain | 24.30 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 05 33 13-2336 | EA | 1-1/4" Flexible 90 Degree Connector, Plain | 38.46 | 6.60 |
| | | *For Work In Restricted Working Space, Add* | *3.96* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.96* | |
| 26 05 33 13-2337 | EA | 1-1/2" Flexible 90 Degree Connector, Plain | 60.65 | 7.70 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 33 13-2338 | EA | 2" Flexible 90 Degree Connector, Plain | 73.29 | 9.46 |
| | | *For Work In Restricted Working Space, Add* | *5.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.61* | |
| 26 05 33 13-2339 | EA | 2-1/2" Flexible 90 Degree Connector, Plain | 164.29 | 10.11 |
| | | *For Work In Restricted Working Space, Add* | *6.60* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 33 13-2340 | EA | 3" Flexible 90 Degree Connector, Plain | 211.56 | 11.88 |
| | | *For Work In Restricted Working Space, Add* | *7.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.43* | |
| 26 05 33 13-2341 | EA | 3-1/2" Flexible 90 Degree Connector, Plain | 452.33 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *8.25* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 33 13-2342 | EA | 4" Flexible 90 Degree Connector, Plain | 810.39 | 16.50 |
| | | *For Work In Restricted Working Space, Add* | *9.90* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| **26 05 33 13-2343** | | **Insulated Throat Squeeze Type 90 Degree Connector** *(26 05 33 13-2295)* | | |
| 26 05 33 13-2344 | EA | 1/2" Flexible 90 Degree Connector, Insulated | 14.61 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.31* | |
| 26 05 33 13-2345 | EA | 3/4" Flexible 90 Degree Connector, Insulated | 19.11 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2346 | EA | 1" Flexible 90 Degree Connector, Insulated | 24.30 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 05 33 13-2347 | EA | 1-1/4" Flexible 90 Degree Connector, Insulated | 45.14 | 6.60 |
| | | *For Work In Restricted Working Space, Add* | *3.96* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.96* | |
| 26 05 33 13-2348 | EA | 1-1/2" Flexible 90 Degree Connector, Insulated | 72.77 | 7.70 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 33 13-2349 | EA | 2" Flexible 90 Degree Connector, Insulated | 93.00 | 9.46 |
| | | *For Work In Restricted Working Space, Add* | *5.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.61* | |
| 26 05 33 13-2350 | EA | 2-1/2" Flexible 90 Degree Connector, Insulated | 225.92 | 10.11 |
| | | *For Work In Restricted Working Space, Add* | *6.60* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 05 33 13-2351 | EA | 3" Flexible 90 Degree Connector, Insulated | 278.33 | 11.88 |
| | | *For Work In Restricted Working Space, Add* | *7.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.43* | |
| 26 05 33 13-2352 | EA | 3-1/2" Flexible 90 Degree Connector, Insulated | 754.96 | 14.52 |
| | | *For Work In Restricted Working Space, Add* | *8.25* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 33 13-2353 | EA | 4" Flexible 90 Degree Connector, Insulated | 1,127.35 | 16.50 |
| | | *For Work In Restricted Working Space, Add* | *9.90* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| **26 05 33 13-2354** | | **Plain Squeeze Type 45 Degree Connector** *(26 05 33 13-2295)* | | |
| 26 05 33 13-2355 | EA | 3/8" Flexible 45 Degree Connector, Plain | 11.04 | 4.40 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |
| 26 05 33 13-2356 | EA | 1/2" Flexible 45 Degree Connector, Plain | 15.06 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.31* | |
| 26 05 33 13-2357 | EA | 3/4" Flexible 45 Degree Connector, Plain | 19.43 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| **26 05 33 13-2358** | | **Insulated Squeeze Type 45 Degree Connector** *(26 05 33 13-2295)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2359 | EA | 3/8" Flexible 45 Degree Connector, Insulated | 11.89 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |
| 26 05 33 13-2360 | EA | 1/2" Flexible 45 Degree Connector, Insulated | 16.44 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.31* | |
| 26 05 33 13-2361 | EA | 3/4" Flexible 45 Degree Connector, Insulated | 21.40 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |

## 26 05 33 13-2362 Plain Screw-In Connector *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2363 | EA | 3/8" Flexible Steel Screw-in Connector, Plain | 5.69 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *1.49* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.49* | |
| 26 05 33 13-2364 | EA | 1/2" Flexible Steel Screw-in Connector, Plain | 6.12 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.65* | |
| 26 05 33 13-2365 | EA | 3/4" Flexible Steel Screw-in Connector, Plain | 7.85 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |
| 26 05 33 13-2366 | EA | 1" Flexible Steel Screw-in Connector, Plain | 11.32 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2367 | EA | 1-1/4" Flexible Steel Screw-in Connector, Plain | 16.89 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 05 33 13-2368 | EA | 1-1/2" Flexible Steel Screw-in Connector, Plain | 20.60 | 6.60 |
| | | *For Work In Restricted Working Space, Add* | *4.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.13* | |
| 26 05 33 13-2369 | EA | 2" Flexible Steel Screw-in Connector, Plain | 30.73 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |

## 26 05 33 13-2370 Insulated Screw-In Connector *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2371 | EA | 3/8" Flexible Steel Screw-in Connector, Insulated | 6.06 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *1.49* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.49* | |
| 26 05 33 13-2372 | EA | 1/2" Flexible Steel Screw-in Connector, Insulated | 6.41 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.65* | |
| 26 05 33 13-2373 | EA | 3/4" Flexible Steel Screw-in Connector, Insulated | 8.60 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |
| 26 05 33 13-2374 | EA | 1" Flexible Steel Screw-in Connector, Insulated | 12.45 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2375 | EA | 1-1/4" Flexible Steel Screw-in Connector, Insulated | 18.51 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 05 33 13-2376 | EA | 1-1/2" Flexible Steel Screw-in Connector, Insulated | 22.55 | 6.60 |
| | | *For Work In Restricted Working Space, Add* | *4.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.13* | |
| 26 05 33 13-2377 | EA | 2" Flexible Steel Screw-in Connector, Insulated | 32.44 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |

## 26 05 33 13-2378 Screw-In Coupling *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2379 | EA | 1/2" Flexible Steel Screw-in Coupling | 6.83 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 26 05 33 13-2380 | EA | 3/4" Flexible Steel Screw-in Coupling | 9.03 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |

## 26 05 33 13-2381 Flexible To Electrical Metallic Tubing (EMT) Coupling *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2382 | EA | 3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling | 9.48 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *1.49* | |
| 26 05 33 13-2383 | EA | 1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling | 13.04 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 26 05 33 13-2384 | EA | 3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling | 17.33 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |

## 26 05 33 13-2385 Die Cast Squeeze Type Straight Connector *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2386 | EA | 3/8" Flexible Straight Connector, Die Cast | 5.92 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *1.49* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.49* | |
| 26 05 33 13-2387 | EA | 1/2" Flexible Straight Connector, Die Cast | 6.71 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.65* | |
| 26 05 33 13-2388 | EA | 3/4" Flexible Straight Connector, Die Cast | 8.35 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2389 | EA | 1" Flexible Straight Connector, Die Cast | 12.71 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2390 | EA | 1-1/4" Flexible Straight Connector, Die Cast | 17.23 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 05 33 13-2391 | EA | 1-1/2" Flexible Straight Connector, Die Cast | 23.53 | 6.60 |
| | | *For Work In Restricted Working Space, Add* | *4.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.13* | |
| 26 05 33 13-2392 | EA | 2" Flexible Straight Connector, Die Cast | 30.57 | 7.48 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |

### 26 05 33 13-2393 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-2295)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2394 | EA | 3/8" Flexible 90 Degree Connector, Die Cast | 7.83 | 4.40 |
| | | *For Work In Restricted Working Space, Add* | *1.98* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.98* | |
| 26 05 33 13-2395 | EA | 1/2" Flexible 90 Degree Connector, Die Cast | 9.77 | 4.84 |
| | | *For Work In Restricted Working Space, Add* | *2.31* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.31* | |
| 26 05 33 13-2396 | EA | 3/4" Flexible 90 Degree Connector, Die Cast | 11.93 | 5.28 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2397 | EA | 1" Flexible 90 Degree Connector, Die Cast | 19.26 | 6.16 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 05 33 13-2398 | EA | 1-1/4" Flexible 90 Degree Connector, Die Cast | 27.62 | 6.60 |
| | | *For Work In Restricted Working Space, Add* | *3.96* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.96* | |
| 26 05 33 13-2399 | EA | 1-1/2" Flexible 90 Degree Connector, Die Cast | 43.41 | 7.70 |
| | | *For Work In Restricted Working Space, Add* | *4.95* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 05 33 13-2400 | EA | 2" Flexible 90 Degree Connector, Die Cast | 52.03 | 9.46 |
| | | *For Work In Restricted Working Space, Add* | *5.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.61* | |

### 26 05 33 13-2401 Flexible Liquid Tight Non-Metallic Conduit And Connectors *(26 05 33 13-2253)*

### 26 05 33 13-2402 Flexible Liquid Tight Non-Metallic Conduit *(26 05 33 13-2401)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2403 | LF | 3/8" Flexible Liquid Tight Non-Metallic Conduit | 4.01 | 1.20 |
| | | *For Work In Restricted Working Space, Add* | *0.91* | |
| 26 05 33 13-2404 | LF | 1/2" Flexible Liquid Tight Non-Metallic Conduit | 4.10 | 1.20 |
| | | *For Work In Restricted Working Space, Add* | *0.91* | |
| 26 05 33 13-2405 | LF | 3/4" Flexible Liquid Tight Non-Metallic Conduit | 5.51 | 1.60 |
| | | *For Work In Restricted Working Space, Add* | *1.21* | |
| 26 05 33 13-2406 | LF | 1" Flexible Liquid Tight Non-Metallic Conduit | 7.03 | 1.60 |
| | | *For Work In Restricted Working Space, Add* | *1.21* | |
| 26 05 33 13-2407 | LF | 1-1/4" Flexible Liquid Tight Non-Metallic Conduit | 8.93 | 2.01 |
| | | *For Work In Restricted Working Space, Add* | *1.51* | |
| 26 05 33 13-2408 | LF | 1-1/2" Flexible Liquid Tight Non-Metallic Conduit | 11.48 | 2.41 |
| | | *For Work In Restricted Working Space, Add* | *1.81* | |
| 26 05 33 13-2409 | LF | 2" Flexible Liquid Tight Non-Metallic Conduit | 14.68 | 3.22 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |

### 26 05 33 13-2410 Liquid Tight Non-Metallic Straight Connector *(26 05 33 13-2401)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2411 | EA | 3/8" Liquid Tight Non-Metallic Straight Connector | 11.70 | 3.22 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.41* | |
| 26 05 33 13-2412 | EA | 1/2" Liquid Tight Non-Metallic Straight Connector | 11.70 | 3.22 |
| | | *For Work In Restricted Working Space, Add* | *2.41* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.41* | |
| 26 05 33 13-2413 | EA | 3/4" Liquid Tight Non-Metallic Straight Connector | 14.47 | 3.62 |
| | | *For Work In Restricted Working Space, Add* | *2.72* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.72* | |
| 26 05 33 13-2414 | EA | 1" Liquid Tight Non-Metallic Straight Connector | 18.19 | 4.02 |
| | | *For Work In Restricted Working Space, Add* | *3.02* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |
| 26 05 33 13-2415 | EA | 1-1/4" Liquid Tight Non-Metallic Straight Connector | 25.66 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2416 | EA | 1-1/2" Liquid Tight Non-Metallic Straight Connector | 32.39 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-2417 | EA | 2" Liquid Tight Non-Metallic Straight Connector | 51.37 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.22* | |

### 26 05 33 13-2418 Liquid Tight Non-Metallic 90 Degree Angle Connector *(26 05 33 13-2401)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2419 | EA | 3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector | 17.01 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2420 | EA | 1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector | 17.01 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2421 | EA | 3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector | 21.21 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-2422 | EA | 1" Liquid Tight Non-Metallic 90 Degree Angle Connector | 30.61 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.22* | |
| 26 05 33 13-2423 | EA | 1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector | 31.52 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2424 | EA | 1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector | 51.36 | 6.43 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |
| 26 05 33 13-2425 | EA | 2" Liquid Tight Non-Metallic 90 Degree Angle Connector | 69.72 | 7.23 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |

### 26 05 33 13-2426 Liquid Tight Non-Metallic 45 Degree Angle Connector *(26 05 33 13-2401)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2427 | EA | 3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector | 17.01 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2428 | EA | 1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector | 17.01 | 4.42 |
| | | *For Work In Restricted Working Space, Add* | *3.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.32* | |
| 26 05 33 13-2429 | EA | 3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector | 21.21 | 4.82 |
| | | *For Work In Restricted Working Space, Add* | *3.62* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.62* | |
| 26 05 33 13-2430 | EA | 1" Liquid Tight Non-Metallic 45 Degree Angle Connector | 30.61 | 5.63 |
| | | *For Work In Restricted Working Space, Add* | *4.22* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.22* | |
| 26 05 33 13-2431 | EA | 1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector | 31.52 | 6.03 |
| | | *For Work In Restricted Working Space, Add* | *4.52* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.52* | |
| 26 05 33 13-2432 | EA | 1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector | 51.36 | 6.43 |
| | | *For Work In Restricted Working Space, Add* | *4.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.82* | |
| 26 05 33 13-2433 | EA | 2" Liquid Tight Non-Metallic 45 Degree Angle Connector | 69.72 | 7.23 |
| | | *For Work In Restricted Working Space, Add* | *5.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.43* | |

### 26 05 33 13-2434 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2253)*

Note: Carlon - FLEX-PLUS.

### 26 05 33 13-2435 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2434)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2436 | LF | 1/2" Blue ENT Electrical Non-Metallic Tubing | 4.39 | 1.32 |
| | | *For Work In Restricted Working Space, Add* | *0.99* | |
| 26 05 33 13-2437 | LF | 3/4" Blue ENT Electrical Non-Metallic Tubing | 5.92 | 1.76 |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |
| 26 05 33 13-2438 | LF | 1" Blue ENT Electrical Non-Metallic Tubing | 6.85 | 1.76 |
| | | *For Work In Restricted Working Space, Add* | *1.32* | |

### 26 05 33 13-2439 Terminal Adapter *(26 05 33 13-2434)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2440 | EA | 1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing | 10.59 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.64* | |
| 26 05 33 13-2441 | EA | 3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing | 13.17 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *2.97* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2.97* | |
| 26 05 33 13-2442 | EA | 1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing | 15.20 | 4.40 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |

### 26 05 33 13-2443 Coupling *(26 05 33 13-2434)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2444 | EA | 1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing | 10.36 | 3.52 |
| | | *For Work In Restricted Working Space, Add* | *2.64* | |
| 26 05 33 13-2445 | EA | 3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing | 11.92 | 3.96 |
| | | *For Work In Restricted Working Space, Add* | *2.97* | |
| 26 05 33 13-2446 | EA | 1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing | 14.03 | 4.40 |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |

### 26 05 33 13-2447 Conduit Bodies *(26 05 33 13-0057)*

### 26 05 33 13-2448 Threaded, Cast Aluminum Conduit Body *(26 05 33 13-2447)*

### 26 05 33 13-2449 Type LB, Threaded, Two Hub Cast Aluminum Conduit Body *(26 05 33 13-2448)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2450 | EA | 1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 58.14 | 19.29 |
| | | *For Mogul LB, Add* | *5.01* | |
| | | *For Work In Restricted Working Space, Add* | *14.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.88* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.12* | |
| | | *For Elevated Installation >40', Add* | *26.53* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.47* | |
| 26 05 33 13-2451 | EA | 3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 68.70 | 22.10 |
| | | *For Mogul LB, Add* | *7.32* | |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-2452 | EA | 1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 83.45 | 25.72 |
| | | *For Mogul LB, Add* | *11.14* | |
| | | *For Work In Restricted Working Space, Add* | *19.29* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.43* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.86* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.08* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.51* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.72* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.16* | |
| | | *For Elevated Installation >40', Add* | *35.37* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.29* | |
| 26 05 33 13-2453 | EA | 1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 101.94 | 29.34 |
| | | *For Mogul LB, Add* | *17.77* | |
| | | *For Work In Restricted Working Space, Add* | *22.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.67* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *29.34* | |
| | | *For Elevated Installation >35' To 40', Add* | *36.68* | |
| | | *For Elevated Installation >40', Add* | *40.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.01* | |
| 26 05 33 13-2454 | EA | 1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 117.25 | 32.16 |
| | | *For Mogul LB, Add* | *23.63* | |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-2455 | EA | 2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 156.03 | 38.59 |
| | | *For Mogul LB, Add* | *39.85* | |
| | | *For Work In Restricted Working Space, Add* | *28.94* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.59* | |
| | | *For Elevated Installation >35' To 40', Add* | *48.24* | |
| | | *For Elevated Installation >40', Add* | *53.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.94* | |
| 26 05 33 13-2456 | EA | 2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 267.47 | 54.26 |
| | | *For Mogul LB, Add* | *92.08* | |
| | | *For Work In Restricted Working Space, Add* | *40.70* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *33.91* | |
| | | *For Elevated Installation >25' To 30', Add* | *47.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *54.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *67.83* | |
| | | *For Elevated Installation >40', Add* | *74.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *40.70* | |
| 26 05 33 13-2457 | EA | 3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 351.08 | 72.35 |
| | | *For Mogul LB, Add* | *118.61* | |
| | | *For Work In Restricted Working Space, Add* | *54.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.44* | |
| | | *For Elevated Installation >40', Add* | *99.48* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2458 | EA | 3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 469.50 | 90.43 |
| | | *For Mogul LB, Add* | *171.25* | |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *67.83* | |
| 26 05 33 13-2459 | EA | 4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 613.57 | 110.13 |
| | | *For Mogul LB, Add* | *239.91* | |
| | | *For Work In Restricted Working Space, Add* | *82.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *27.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *55.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *68.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *96.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *110.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *137.67* | |
| | | *For Elevated Installation >40', Add* | *151.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *82.60* | |

## 26 05 33 13-2460 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2448)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2461 | EA | 1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 59.35 | 19.29 |
| | | *For Mogul LB, Add* | *5.92* | |
| | | *For Work In Restricted Working Space, Add* | *14.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.88* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.12* | |
| | | *For Elevated Installation >40', Add* | *26.53* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.47* | |
| 26 05 33 13-2462 | EA | 3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 69.88 | 22.10 |
| | | *For Mogul LB, Add* | *8.20* | |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-2463 | EA | 1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 85.82 | 25.72 |
| | | *For Mogul LB, Add* | *12.92* | |
| | | *For Work In Restricted Working Space, Add* | *19.29* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.43* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.86* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.08* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.51* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.72* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.16* | |
| | | *For Elevated Installation >40', Add* | *35.37* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.29* | |
| 26 05 33 13-2464 | EA | 1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 104.83 | 29.34 |
| | | *For Mogul LB, Add* | *19.93* | |
| | | *For Work In Restricted Working Space, Add* | *22.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.67* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *29.34* | |
| | | *For Elevated Installation >35' To 40', Add* | *36.68* | |
| | | *For Elevated Installation >40', Add* | *40.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.01* | |
| 26 05 33 13-2465 | EA | 1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 122.16 | 32.16 |
| | | *For Mogul LB, Add* | *27.32* | |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2466 | EA | 2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 166.56 | 38.59 |
| | | *For Mogul LB, Add* | *47.74* | |
| | | *For Work In Restricted Working Space, Add* | *28.94* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.59* | |
| | | *For Elevated Installation >35' To 40', Add* | *48.24* | |
| | | *For Elevated Installation >40', Add* | *53.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.94* | |
| 26 05 33 13-2467 | EA | 2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 262.16 | 54.26 |
| | | *For Mogul LB, Add* | *88.10* | |
| | | *For Work In Restricted Working Space, Add* | *40.70* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *33.91* | |
| | | *For Elevated Installation >25' To 30', Add* | *47.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *54.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *67.83* | |
| | | *For Elevated Installation >40', Add* | *74.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *40.70* | |
| 26 05 33 13-2468 | EA | 3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 333.21 | 72.35 |
| | | *For Mogul LB, Add* | *105.20* | |
| | | *For Work In Restricted Working Space, Add* | *54.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.44* | |
| | | *For Elevated Installation >40', Add* | *99.48* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.26* | |
| 26 05 33 13-2469 | EA | 3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 484.73 | 90.43 |
| | | *For Mogul LB, Add* | *182.68* | |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *67.83* | |
| 26 05 33 13-2470 | EA | 4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 644.69 | 110.13 |
| | | *For Mogul LB, Add* | *263.25* | |
| | | *For Work In Restricted Working Space, Add* | *82.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *27.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *55.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *68.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *96.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *110.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *137.67* | |
| | | *For Elevated Installation >40', Add* | *151.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *82.60* | |

## 26 05 33 13-2471 Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2448)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2472 | EA | 1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 68.39 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-2473 | EA | 3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 81.21 | 25.72 |
| | | *For Work In Restricted Working Space, Add* | *19.29* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.43* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.86* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.08* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.51* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.72* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.16* | |
| | | *For Elevated Installation >40', Add* | *35.37* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.29* | |
| 26 05 33 13-2474 | EA | 1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 94.26 | 28.14 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2475 | EA | 1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 116.64 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-2476 | EA | 1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 135.55 | 35.37 |
| | | *For Work In Restricted Working Space, Add* | *26.53* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.84* | |
| | | *For Elevated Installation >15' To 20', Add* | *17.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.11* | |
| | | *For Elevated Installation >25' To 30', Add* | *30.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *35.37* | |
| | | *For Elevated Installation >35' To 40', Add* | *44.22* | |
| | | *For Elevated Installation >40', Add* | *48.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.53* | |
| 26 05 33 13-2477 | EA | 2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 184.09 | 41.40 |
| | | *For Work In Restricted Working Space, Add* | *31.05* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.35* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.70* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.40* | |
| | | *For Elevated Installation >35' To 40', Add* | *51.75* | |
| | | *For Elevated Installation >40', Add* | *56.93* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.05* | |
| 26 05 33 13-2478 | EA | 2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 293.13 | 60.29 |
| | | *For Work In Restricted Working Space, Add* | *45.22* | |
| | | *For Elevated Installation >10' To 15', Add* | *15.07* | |
| | | *For Elevated Installation >15' To 20', Add* | *30.15* | |
| | | *For Elevated Installation >20' To 25', Add* | *37.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *52.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *60.29* | |
| | | *For Elevated Installation >35' To 40', Add* | *75.37* | |
| | | *For Elevated Installation >40', Add* | *82.90* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *45.22* | |
| 26 05 33 13-2479 | EA | 3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 378.50 | 78.38 |
| | | *For Work In Restricted Working Space, Add* | *58.79* | |
| | | *For Elevated Installation >10' To 15', Add* | *19.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *39.19* | |
| | | *For Elevated Installation >20' To 25', Add* | *48.99* | |
| | | *For Elevated Installation >25' To 30', Add* | *68.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *78.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *97.98* | |
| | | *For Elevated Installation >40', Add* | *107.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *58.79* | |
| 26 05 33 13-2480 | EA | 3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 620.31 | 96.47 |
| | | *For Work In Restricted Working Space, Add* | *72.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *24.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *48.23* | |
| | | *For Elevated Installation >20' To 25', Add* | *60.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *84.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *96.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *120.58* | |
| | | *For Elevated Installation >40', Add* | *132.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.35* | |
| 26 05 33 13-2481 | EA | 4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover | 707.86 | 116.17 |
| | | *For Work In Restricted Working Space, Add* | *87.12* | |
| | | *For Elevated Installation >10' To 15', Add* | *29.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *72.60* | |
| | | *For Elevated Installation >25' To 30', Add* | *101.64* | |
| | | *For Elevated Installation >30' To 35', Add* | *116.16* | |
| | | *For Elevated Installation >35' To 40', Add* | *145.20* | |
| | | *For Elevated Installation >40', Add* | *159.72* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *87.12* | |

### 26 05 33 13-2482 Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2448)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2483 | EA | 1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 59.59 | 19.29 |
| | | *For Work In Restricted Working Space, Add* | *14.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.88* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.12* | |
| | | *For Elevated Installation >40', Add* | *26.53* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.47* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2484 | EA | 3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 69.05 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-2485 | EA | 1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 83.86 | 25.32 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.66* | |
| | | *For Elevated Installation >40', Add* | *34.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.99* | |
| 26 05 33 13-2486 | EA | 1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 103.68 | 29.34 |
| | | *For Work In Restricted Working Space, Add* | *22.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.67* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *29.34* | |
| | | *For Elevated Installation >35' To 40', Add* | *36.68* | |
| | | *For Elevated Installation >40', Add* | *40.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.01* | |
| 26 05 33 13-2487 | EA | 1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 116.45 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-2488 | EA | 2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 156.11 | 38.59 |
| | | *For Work In Restricted Working Space, Add* | *28.94* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.59* | |
| | | *For Elevated Installation >35' To 40', Add* | *48.24* | |
| | | *For Elevated Installation >40', Add* | *53.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.94* | |
| 26 05 33 13-2489 | EA | 2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 257.68 | 54.26 |
| | | *For Work In Restricted Working Space, Add* | *40.70* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *33.91* | |
| | | *For Elevated Installation >25' To 30', Add* | *47.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *54.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *67.83* | |
| | | *For Elevated Installation >40', Add* | *74.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *40.70* | |
| 26 05 33 13-2490 | EA | 3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 330.36 | 72.35 |
| | | *For Work In Restricted Working Space, Add* | *54.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.44* | |
| | | *For Elevated Installation >40', Add* | *99.48* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.26* | |
| 26 05 33 13-2491 | EA | 3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 475.57 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *67.83* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2492 | EA | 4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover | 616.43 | 110.13 |
| | | *For Work In Restricted Working Space, Add* | *82.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *27.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *55.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *68.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *96.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *110.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *137.67* | |
| | | *For Elevated Installation >40', Add* | *151.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *82.60* | |
| 26 05 33 13-2493 | | Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2448)* | | |
| 26 05 33 13-2494 | EA | 1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 79.42 | 25.32 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.66* | |
| | | *For Elevated Installation >40', Add* | *34.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.99* | |
| 26 05 33 13-2495 | EA | 3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 92.13 | 28.14 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.10* | |
| 26 05 33 13-2496 | EA | 1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 114.25 | 30.95 |
| | | *For Work In Restricted Working Space, Add* | *23.21* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.74* | |
| | | *For Elevated Installation >15' To 20', Add* | *15.48* | |
| | | *For Elevated Installation >20' To 25', Add* | *19.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *27.08* | |
| | | *For Elevated Installation >30' To 35', Add* | *30.95* | |
| | | *For Elevated Installation >35' To 40', Add* | *38.69* | |
| | | *For Elevated Installation >40', Add* | *42.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *23.21* | |
| 26 05 33 13-2497 | EA | 1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 131.85 | 35.37 |
| | | *For Work In Restricted Working Space, Add* | *26.53* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.84* | |
| | | *For Elevated Installation >15' To 20', Add* | *17.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.11* | |
| | | *For Elevated Installation >25' To 30', Add* | *30.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *35.37* | |
| | | *For Elevated Installation >35' To 40', Add* | *44.22* | |
| | | *For Elevated Installation >40', Add* | *48.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.53* | |
| 26 05 33 13-2498 | EA | 1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 172.51 | 38.59 |
| | | *For Work In Restricted Working Space, Add* | *28.94* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.59* | |
| | | *For Elevated Installation >35' To 40', Add* | *48.24* | |
| | | *For Elevated Installation >40', Add* | *53.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.94* | |
| 26 05 33 13-2499 | EA | 2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 208.25 | 47.43 |
| | | *For Work In Restricted Working Space, Add* | *35.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *11.86* | |
| | | *For Elevated Installation >15' To 20', Add* | *23.71* | |
| | | *For Elevated Installation >20' To 25', Add* | *29.64* | |
| | | *For Elevated Installation >25' To 30', Add* | *41.50* | |
| | | *For Elevated Installation >30' To 35', Add* | *47.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *59.29* | |
| | | *For Elevated Installation >40', Add* | *65.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *35.57* | |
| 26 05 33 13-2500 | EA | 2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 396.33 | 69.53 |
| | | *For Work In Restricted Working Space, Add* | *52.15* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.38* | |
| | | *For Elevated Installation >15' To 20', Add* | *34.77* | |
| | | *For Elevated Installation >20' To 25', Add* | *43.46* | |
| | | *For Elevated Installation >25' To 30', Add* | *60.84* | |
| | | *For Elevated Installation >30' To 35', Add* | *69.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *86.92* | |
| | | *For Elevated Installation >40', Add* | *95.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.15* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2501 | EA | 3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 486.74 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *67.83* | |
| 26 05 33 13-2502 | EA | 3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 701.73 | 111.74 |
| | | *For Work In Restricted Working Space, Add* | *84.41* | |
| | | *For Elevated Installation >10' To 15', Add* | *28.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *56.27* | |
| | | *For Elevated Installation >20' To 25', Add* | *70.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *98.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *112.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *140.68* | |
| | | *For Elevated Installation >40', Add* | *154.75* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *84.41* | |
| 26 05 33 13-2503 | EA | 4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover | 848.45 | 134.25 |
| | | *For Work In Restricted Working Space, Add* | *100.69* | |
| | | *For Elevated Installation >10' To 15', Add* | *33.56* | |
| | | *For Elevated Installation >15' To 20', Add* | *67.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *83.91* | |
| | | *For Elevated Installation >25' To 30', Add* | *117.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *134.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *167.81* | |
| | | *For Elevated Installation >40', Add* | *184.59* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *100.69* | |
| 26 05 33 13-2504 | | Threaded, Malleable Iron Conduit Body *(26 05 33 13-2447)* | | |
| 26 05 33 13-2505 | | Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2504)* | | |
| 26 05 33 13-2506 | EA | 1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 61.51 | 19.29 |
| | | *For Work In Restricted Working Space, Add* | *14.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.88* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.12* | |
| | | *For Elevated Installation >40', Add* | *26.53* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.47* | |
| 26 05 33 13-2507 | EA | 3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 71.53 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-2508 | EA | 1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 88.56 | 25.72 |
| | | *For Work In Restricted Working Space, Add* | *19.29* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.43* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.86* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.08* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.51* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.72* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.16* | |
| | | *For Elevated Installation >40', Add* | *35.37* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.29* | |
| 26 05 33 13-2509 | EA | 1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 116.86 | 29.34 |
| | | *For Work In Restricted Working Space, Add* | *22.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.67* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *29.34* | |
| | | *For Elevated Installation >35' To 40', Add* | *36.68* | |
| | | *For Elevated Installation >40', Add* | *40.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.01* | |
| 26 05 33 13-2510 | EA | 1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 133.74 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2511 | EA | 2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 185.77 | 38.59 |
| | | *For Work In Restricted Working Space, Add* | *28.94* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.59* | |
| | | *For Elevated Installation >35' To 40', Add* | *48.24* | |
| | | *For Elevated Installation >40', Add* | *53.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.94* | |
| 26 05 33 13-2512 | EA | 2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 318.45 | 54.26 |
| | | *For Work In Restricted Working Space, Add* | *40.70* | |
| | | *For Elevated Installation >10' To 15', Add* | *13.57* | |
| | | *For Elevated Installation >15' To 20', Add* | *27.13* | |
| | | *For Elevated Installation >20' To 25', Add* | *33.92* | |
| | | *For Elevated Installation >25' To 30', Add* | *47.48* | |
| | | *For Elevated Installation >30' To 35', Add* | *54.26* | |
| | | *For Elevated Installation >35' To 40', Add* | *67.83* | |
| | | *For Elevated Installation >40', Add* | *74.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *40.70* | |
| 26 05 33 13-2513 | EA | 3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 453.56 | 72.35 |
| | | *For Work In Restricted Working Space, Add* | *54.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.44* | |
| | | *For Elevated Installation >40', Add* | *99.48* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.26* | |
| 26 05 33 13-2514 | EA | 3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 629.79 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *67.83* | |
| 26 05 33 13-2515 | EA | 4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 752.70 | 110.13 |
| | | *For Work In Restricted Working Space, Add* | *82.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *27.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *55.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *68.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *96.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *110.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *137.67* | |
| | | *For Elevated Installation >40', Add* | *151.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *82.60* | |

## 26 05 33 13-2516 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2504)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2517 | EA | 1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 64.58 | 19.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.47* | |
| 26 05 33 13-2518 | EA | 3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 72.43 | 22.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-2519 | EA | 1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 93.25 | 25.72 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.29* | |
| 26 05 33 13-2520 | EA | 1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 120.01 | 29.34 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.01* | |
| 26 05 33 13-2521 | EA | 1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 137.59 | 32.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-2522 | EA | 2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 177.88 | 38.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.94* | |
| 26 05 33 13-2523 | EA | 2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 274.62 | 54.26 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *40.70* | |
| 26 05 33 13-2524 | EA | 3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 374.75 | 72.35 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.26* | |
| 26 05 33 13-2525 | EA | 3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 676.20 | 90.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *67.83* | |
| 26 05 33 13-2526 | EA | 4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 786.94 | 110.13 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *82.60* | |

## 26 05 33 13-2527 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2504)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2528 | EA | 1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 77.17 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.63* | |
| | | *For Elevated Installation >40', Add* | *30.39* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2529 | EA | 3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 90.94 | 25.72 |
| | | *For Work In Restricted Working Space, Add* | *19.59* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *13.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *16.33* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.86* | |
| | | *For Elevated Installation >30' To 35', Add* | *26.12* | |
| | | *For Elevated Installation >35' To 40', Add* | *32.66* | |
| | | *For Elevated Installation >40', Add* | *35.92* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.59* | |
| 26 05 33 13-2530 | EA | 1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 109.09 | 28.14 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.10* | |
| 26 05 33 13-2531 | EA | 1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 139.43 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *23.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.94* | |
| | | *For Elevated Installation >15' To 20', Add* | *15.88* | |
| | | *For Elevated Installation >20' To 25', Add* | *19.85* | |
| | | *For Elevated Installation >25' To 30', Add* | *27.78* | |
| | | *For Elevated Installation >30' To 35', Add* | *31.75* | |
| | | *For Elevated Installation >35' To 40', Add* | *39.69* | |
| | | *For Elevated Installation >40', Add* | *43.66* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *23.81* | |
| 26 05 33 13-2532 | EA | 1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 160.59 | 35.37 |
| | | *For Work In Restricted Working Space, Add* | *26.53* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.84* | |
| | | *For Elevated Installation >15' To 20', Add* | *17.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.11* | |
| | | *For Elevated Installation >25' To 30', Add* | *30.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *35.37* | |
| | | *For Elevated Installation >35' To 40', Add* | *44.22* | |
| | | *For Elevated Installation >40', Add* | *48.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.53* | |
| 26 05 33 13-2533 | EA | 2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 216.55 | 41.40 |
| | | *For Work In Restricted Working Space, Add* | *31.05* | |
| | | *For Elevated Installation >10' To 15', Add* | *10.35* | |
| | | *For Elevated Installation >15' To 20', Add* | *20.70* | |
| | | *For Elevated Installation >20' To 25', Add* | *25.88* | |
| | | *For Elevated Installation >25' To 30', Add* | *36.23* | |
| | | *For Elevated Installation >30' To 35', Add* | *41.40* | |
| | | *For Elevated Installation >35' To 40', Add* | *51.75* | |
| | | *For Elevated Installation >40', Add* | *56.93* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.05* | |
| 26 05 33 13-2534 | EA | 2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 269.33 | 60.29 |
| | | *For Work In Restricted Working Space, Add* | *45.22* | |
| | | *For Elevated Installation >10' To 15', Add* | *15.07* | |
| | | *For Elevated Installation >15' To 20', Add* | *30.15* | |
| | | *For Elevated Installation >20' To 25', Add* | *37.68* | |
| | | *For Elevated Installation >25' To 30', Add* | *52.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *60.29* | |
| | | *For Elevated Installation >35' To 40', Add* | *75.37* | |
| | | *For Elevated Installation >40', Add* | *82.90* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *45.22* | |
| 26 05 33 13-2535 | EA | 3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 393.03 | 78.38 |
| | | *For Work In Restricted Working Space, Add* | *58.79* | |
| | | *For Elevated Installation >10' To 15', Add* | *19.60* | |
| | | *For Elevated Installation >15' To 20', Add* | *39.19* | |
| | | *For Elevated Installation >20' To 25', Add* | *48.99* | |
| | | *For Elevated Installation >25' To 30', Add* | *68.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *78.38* | |
| | | *For Elevated Installation >35' To 40', Add* | *97.98* | |
| | | *For Elevated Installation >40', Add* | *107.77* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *58.79* | |
| 26 05 33 13-2536 | EA | 3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 712.71 | 96.47 |
| | | *For Work In Restricted Working Space, Add* | *72.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *24.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *48.23* | |
| | | *For Elevated Installation >20' To 25', Add* | *60.29* | |
| | | *For Elevated Installation >25' To 30', Add* | *84.41* | |
| | | *For Elevated Installation >30' To 35', Add* | *96.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *120.58* | |
| | | *For Elevated Installation >40', Add* | *132.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.35* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2537 | EA | 4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover | 821.54 | 116.17 |
| | | *For Work In Restricted Working Space, Add* | *87.42* | |
| | | *For Elevated Installation >10' To 15', Add* | *29.14* | |
| | | *For Elevated Installation >15' To 20', Add* | *58.28* | |
| | | *For Elevated Installation >20' To 25', Add* | *72.85* | |
| | | *For Elevated Installation >25' To 30', Add* | *101.99* | |
| | | *For Elevated Installation >30' To 35', Add* | *116.56* | |
| | | *For Elevated Installation >35' To 40', Add* | *145.71* | |
| | | *For Elevated Installation >40', Add* | *160.28* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *87.42* | |

## 26 05 33 13-2538 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2504)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2539 | EA | 1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 61.74 | 19.29 |
| | | *For Work In Restricted Working Space, Add* | *14.47* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.65* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.06* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.88* | |
| | | *For Elevated Installation >30' To 35', Add* | *19.30* | |
| | | *For Elevated Installation >35' To 40', Add* | *24.12* | |
| | | *For Elevated Installation >40', Add* | *26.53* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.47* | |
| 26 05 33 13-2540 | EA | 3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 75.51 | 22.10 |
| | | *For Work In Restricted Working Space, Add* | *16.58* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *11.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.82* | |
| | | *For Elevated Installation >25' To 30', Add* | *19.34* | |
| | | *For Elevated Installation >30' To 35', Add* | *22.11* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.64* | |
| | | *For Elevated Installation >40', Add* | *30.40* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.58* | |
| 26 05 33 13-2541 | EA | 1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 88.66 | 25.32 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.66* | |
| | | *For Elevated Installation >40', Add* | *34.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.99* | |
| 26 05 33 13-2542 | EA | 1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 122.65 | 29.34 |
| | | *For Work In Restricted Working Space, Add* | *22.01* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.34* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.67* | |
| | | *For Elevated Installation >20' To 25', Add* | *18.34* | |
| | | *For Elevated Installation >25' To 30', Add* | *25.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *29.34* | |
| | | *For Elevated Installation >35' To 40', Add* | *36.68* | |
| | | *For Elevated Installation >40', Add* | *40.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *22.01* | |
| 26 05 33 13-2543 | EA | 1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 144.59 | 32.16 |
| | | *For Work In Restricted Working Space, Add* | *24.11* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.04* | |
| | | *For Elevated Installation >15' To 20', Add* | *16.08* | |
| | | *For Elevated Installation >20' To 25', Add* | *20.10* | |
| | | *For Elevated Installation >25' To 30', Add* | *28.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *32.15* | |
| | | *For Elevated Installation >35' To 40', Add* | *40.19* | |
| | | *For Elevated Installation >40', Add* | *44.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *24.11* | |
| 26 05 33 13-2544 | EA | 2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 188.87 | 38.59 |
| | | *For Work In Restricted Working Space, Add* | *28.94* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.59* | |
| | | *For Elevated Installation >35' To 40', Add* | *48.24* | |
| | | *For Elevated Installation >40', Add* | *53.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.94* | |
| 26 05 33 13-2545 | EA | 2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 413.18 | 101.79 |
| | | *For Work In Restricted Working Space, Add* | *76.31* | |
| | | *For Elevated Installation >10' To 15', Add* | *25.44* | |
| | | *For Elevated Installation >15' To 20', Add* | *50.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *63.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *89.03* | |
| | | *For Elevated Installation >30' To 35', Add* | *101.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *127.18* | |
| | | *For Elevated Installation >40', Add* | *139.90* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *76.31* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2546 | EA | 3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 407.85 | 72.35 |
| | | *For Work In Restricted Working Space, Add* | *54.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *18.09* | |
| | | *For Elevated Installation >15' To 20', Add* | *36.18* | |
| | | *For Elevated Installation >20' To 25', Add* | *45.22* | |
| | | *For Elevated Installation >25' To 30', Add* | *63.31* | |
| | | *For Elevated Installation >30' To 35', Add* | *72.35* | |
| | | *For Elevated Installation >35' To 40', Add* | *90.44* | |
| | | *For Elevated Installation >40', Add* | *99.48* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *54.26* | |
| 26 05 33 13-2547 | EA | 3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 676.20 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *67.83* | |
| 26 05 33 13-2548 | EA | 4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover | 786.93 | 110.13 |
| | | *For Work In Restricted Working Space, Add* | *82.60* | |
| | | *For Elevated Installation >10' To 15', Add* | *27.53* | |
| | | *For Elevated Installation >15' To 20', Add* | *55.06* | |
| | | *For Elevated Installation >20' To 25', Add* | *68.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *96.36* | |
| | | *For Elevated Installation >30' To 35', Add* | *110.13* | |
| | | *For Elevated Installation >35' To 40', Add* | *137.66* | |
| | | *For Elevated Installation >40', Add* | *151.43* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *82.60* | |
| 26 05 33 13-2549 | | Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2504)* | | |
| 26 05 33 13-2550 | EA | 1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 87.60 | 25.32 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.33* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.66* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.83* | |
| | | *For Elevated Installation >25' To 30', Add* | *22.16* | |
| | | *For Elevated Installation >30' To 35', Add* | *25.32* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.66* | |
| | | *For Elevated Installation >40', Add* | *34.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.99* | |
| 26 05 33 13-2551 | EA | 3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 95.54 | 28.14 |
| | | *For Work In Restricted Working Space, Add* | *21.10* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.03* | |
| | | *For Elevated Installation >15' To 20', Add* | *14.07* | |
| | | *For Elevated Installation >20' To 25', Add* | *17.59* | |
| | | *For Elevated Installation >25' To 30', Add* | *24.62* | |
| | | *For Elevated Installation >30' To 35', Add* | *28.14* | |
| | | *For Elevated Installation >35' To 40', Add* | *35.17* | |
| | | *For Elevated Installation >40', Add* | *38.69* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.10* | |
| 26 05 33 13-2552 | EA | 1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 111.96 | 30.95 |
| | | *For Work In Restricted Working Space, Add* | *23.21* | |
| | | *For Elevated Installation >10' To 15', Add* | *7.74* | |
| | | *For Elevated Installation >15' To 20', Add* | *15.48* | |
| | | *For Elevated Installation >20' To 25', Add* | *19.35* | |
| | | *For Elevated Installation >25' To 30', Add* | *27.08* | |
| | | *For Elevated Installation >30' To 35', Add* | *30.95* | |
| | | *For Elevated Installation >35' To 40', Add* | *38.69* | |
| | | *For Elevated Installation >40', Add* | *42.56* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *23.21* | |
| 26 05 33 13-2553 | EA | 1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 134.09 | 35.37 |
| | | *For Work In Restricted Working Space, Add* | *26.53* | |
| | | *For Elevated Installation >10' To 15', Add* | *8.84* | |
| | | *For Elevated Installation >15' To 20', Add* | *17.69* | |
| | | *For Elevated Installation >20' To 25', Add* | *22.11* | |
| | | *For Elevated Installation >25' To 30', Add* | *30.95* | |
| | | *For Elevated Installation >30' To 35', Add* | *35.37* | |
| | | *For Elevated Installation >35' To 40', Add* | *44.22* | |
| | | *For Elevated Installation >40', Add* | *48.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.53* | |
| 26 05 33 13-2554 | EA | 1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 156.04 | 38.59 |
| | | *For Work In Restricted Working Space, Add* | *28.94* | |
| | | *For Elevated Installation >10' To 15', Add* | *9.65* | |
| | | *For Elevated Installation >15' To 20', Add* | *19.29* | |
| | | *For Elevated Installation >20' To 25', Add* | *24.12* | |
| | | *For Elevated Installation >25' To 30', Add* | *33.76* | |
| | | *For Elevated Installation >30' To 35', Add* | *38.59* | |
| | | *For Elevated Installation >35' To 40', Add* | *48.24* | |
| | | *For Elevated Installation >40', Add* | *53.06* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *28.94* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2555 | EA | 2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 222.28 | 47.43 |
| | | *For Work In Restricted Working Space, Add* | *35.57* | |
| | | *For Elevated Installation >10' To 15', Add* | *11.86* | |
| | | *For Elevated Installation >15' To 20', Add* | *23.71* | |
| | | *For Elevated Installation >20' To 25', Add* | *29.64* | |
| | | *For Elevated Installation >25' To 30', Add* | *41.50* | |
| | | *For Elevated Installation >30' To 35', Add* | *47.43* | |
| | | *For Elevated Installation >35' To 40', Add* | *59.29* | |
| | | *For Elevated Installation >40', Add* | *65.21* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *35.57* | |
| 26 05 33 13-2556 | EA | 2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 359.00 | 69.53 |
| | | *For Work In Restricted Working Space, Add* | *52.15* | |
| | | *For Elevated Installation >10' To 15', Add* | *17.38* | |
| | | *For Elevated Installation >15' To 20', Add* | *34.77* | |
| | | *For Elevated Installation >20' To 25', Add* | *43.46* | |
| | | *For Elevated Installation >25' To 30', Add* | *60.84* | |
| | | *For Elevated Installation >30' To 35', Add* | *69.54* | |
| | | *For Elevated Installation >35' To 40', Add* | *86.92* | |
| | | *For Elevated Installation >40', Add* | *95.61* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.15* | |
| 26 05 33 13-2557 | EA | 3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 533.78 | 90.43 |
| | | *For Work In Restricted Working Space, Add* | *67.83* | |
| | | *For Elevated Installation >10' To 15', Add* | *22.61* | |
| | | *For Elevated Installation >15' To 20', Add* | *45.22* | |
| | | *For Elevated Installation >20' To 25', Add* | *56.52* | |
| | | *For Elevated Installation >25' To 30', Add* | *79.13* | |
| | | *For Elevated Installation >30' To 35', Add* | *90.44* | |
| | | *For Elevated Installation >35' To 40', Add* | *113.05* | |
| | | *For Elevated Installation >40', Add* | *124.35* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *67.83* | |
| 26 05 33 13-2558 | EA | 3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 811.43 | 111.74 |
| | | *For Work In Restricted Working Space, Add* | *83.81* | |
| | | *For Elevated Installation >10' To 15', Add* | *27.94* | |
| | | *For Elevated Installation >15' To 20', Add* | *55.87* | |
| | | *For Elevated Installation >20' To 25', Add* | *69.84* | |
| | | *For Elevated Installation >25' To 30', Add* | *97.77* | |
| | | *For Elevated Installation >30' To 35', Add* | *111.74* | |
| | | *For Elevated Installation >35' To 40', Add* | *139.68* | |
| | | *For Elevated Installation >40', Add* | *153.64* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *83.81* | |
| 26 05 33 13-2559 | EA | 4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover | 900.56 | 134.25 |
| | | *For Work In Restricted Working Space, Add* | *100.69* | |
| | | *For Elevated Installation >10' To 15', Add* | *33.56* | |
| | | *For Elevated Installation >15' To 20', Add* | *67.12* | |
| | | *For Elevated Installation >20' To 25', Add* | *83.91* | |
| | | *For Elevated Installation >25' To 30', Add* | *117.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *134.25* | |
| | | *For Elevated Installation >35' To 40', Add* | *167.81* | |
| | | *For Elevated Installation >40', Add* | *184.59* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *100.69* | |
| 26 05 33 13-2560 | | Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-2447)* | | |
| 26 05 33 13-2561 | | Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2560)* | | |
| 26 05 33 13-2562 | EA | 1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 30.61 | 7.64 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2563 | EA | 3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 38.97 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2564 | EA | 1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 53.50 | 12.46 |
| | | *For Work In Restricted Working Space, Add* | *9.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.23* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.90* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.58* | |
| | | *For Elevated Installation >40', Add* | *17.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2565 | EA | 1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 69.99 | 15.27 |
| | | *For Work In Restricted Working Space, Add* | *11.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.10* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.46* | |
| 26 05 33 13-2566 | EA | 1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 93.67 | 17.69 |
| | | *For Work In Restricted Working Space, Add* | *13.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.84* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.68* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.11* | |
| | | *For Elevated Installation >40', Add* | *24.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 05 33 13-2567 | EA | 2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 126.36 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |

## 26 05 33 13-2568 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2560)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2569 | EA | 1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 30.93 | 7.64 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |
| 26 05 33 13-2570 | EA | 3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 40.19 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2571 | EA | 1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 49.27 | 12.46 |
| | | *For Work In Restricted Working Space, Add* | *9.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.23* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.90* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.58* | |
| | | *For Elevated Installation >40', Add* | *17.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.35* | |
| 26 05 33 13-2572 | EA | 1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 69.63 | 15.27 |
| | | *For Work In Restricted Working Space, Add* | *11.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.10* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.46* | |
| 26 05 33 13-2573 | EA | 1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 86.64 | 17.69 |
| | | *For Work In Restricted Working Space, Add* | *13.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.84* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.68* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.11* | |
| | | *For Elevated Installation >40', Add* | *24.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2574 | EA | 2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 125.75 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |

## 26 05 33 13-2575 Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2560)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2576 | EA | 1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover | 39.63 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2577 | EA | 3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover | 52.05 | 12.46 |
| | | *For Work In Restricted Working Space, Add* | *9.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.23* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.90* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.58* | |
| | | *For Elevated Installation >40', Add* | *17.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.35* | |
| 26 05 33 13-2578 | EA | 1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover | 62.62 | 15.27 |
| | | *For Work In Restricted Working Space, Add* | *11.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.10* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.46* | |
| 26 05 33 13-2579 | EA | 1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover | 88.40 | 17.69 |
| | | *For Work In Restricted Working Space, Add* | *13.87* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.62* | |
| | | *For Elevated Installation >15' To 20', Add* | *9.24* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *16.18* | |
| | | *For Elevated Installation >30' To 35', Add* | *18.49* | |
| | | *For Elevated Installation >35' To 40', Add* | *23.11* | |
| | | *For Elevated Installation >40', Add* | *25.42* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.87* | |
| 26 05 33 13-2580 | EA | 1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover | 114.72 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *16.28* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.43* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.85* | |
| | | *For Elevated Installation >20' To 25', Add* | *13.57* | |
| | | *For Elevated Installation >25' To 30', Add* | *18.99* | |
| | | *For Elevated Installation >30' To 35', Add* | *21.70* | |
| | | *For Elevated Installation >35' To 40', Add* | *27.13* | |
| | | *For Elevated Installation >40', Add* | *29.84* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.28* | |
| 26 05 33 13-2581 | EA | 2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover | 157.31 | 22.51 |
| | | *For Work In Restricted Working Space, Add* | *18.69* | |
| | | *For Elevated Installation >10' To 15', Add* | *6.23* | |
| | | *For Elevated Installation >15' To 20', Add* | *12.46* | |
| | | *For Elevated Installation >20' To 25', Add* | *15.58* | |
| | | *For Elevated Installation >25' To 30', Add* | *21.81* | |
| | | *For Elevated Installation >30' To 35', Add* | *24.92* | |
| | | *For Elevated Installation >35' To 40', Add* | *31.15* | |
| | | *For Elevated Installation >40', Add* | *34.27* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.69* | |

## 26 05 33 13-2582 Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2560)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2583 | EA | 1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 31.96 | 7.64 |
| | | *For Work In Restricted Working Space, Add* | *5.73* | |
| | | *For Elevated Installation >10' To 15', Add* | *1.91* | |
| | | *For Elevated Installation >15' To 20', Add* | *3.82* | |
| | | *For Elevated Installation >20' To 25', Add* | *4.77* | |
| | | *For Elevated Installation >25' To 30', Add* | *6.68* | |
| | | *For Elevated Installation >30' To 35', Add* | *7.64* | |
| | | *For Elevated Installation >35' To 40', Add* | *9.55* | |
| | | *For Elevated Installation >40', Add* | *10.50* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.73* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2584 | EA | 3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 42.88 | 10.05 |
| | | *For Work In Restricted Working Space, Add* | *7.54* | |
| | | *For Elevated Installation >10' To 15', Add* | *2.51* | |
| | | *For Elevated Installation >15' To 20', Add* | *5.02* | |
| | | *For Elevated Installation >20' To 25', Add* | *6.28* | |
| | | *For Elevated Installation >25' To 30', Add* | *8.79* | |
| | | *For Elevated Installation >30' To 35', Add* | *10.05* | |
| | | *For Elevated Installation >35' To 40', Add* | *12.56* | |
| | | *For Elevated Installation >40', Add* | *13.82* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.54* | |
| 26 05 33 13-2585 | EA | 1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 55.04 | 12.46 |
| | | *For Work In Restricted Working Space, Add* | *9.35* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.12* | |
| | | *For Elevated Installation >15' To 20', Add* | *6.23* | |
| | | *For Elevated Installation >20' To 25', Add* | *7.79* | |
| | | *For Elevated Installation >25' To 30', Add* | *10.90* | |
| | | *For Elevated Installation >30' To 35', Add* | *12.46* | |
| | | *For Elevated Installation >35' To 40', Add* | *15.58* | |
| | | *For Elevated Installation >40', Add* | *17.13* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.35* | |
| 26 05 33 13-2586 | EA | 1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 71.82 | 15.27 |
| | | *For Work In Restricted Working Space, Add* | *11.46* | |
| | | *For Elevated Installation >10' To 15', Add* | *3.82* | |
| | | *For Elevated Installation >15' To 20', Add* | *7.64* | |
| | | *For Elevated Installation >20' To 25', Add* | *9.55* | |
| | | *For Elevated Installation >25' To 30', Add* | *13.37* | |
| | | *For Elevated Installation >30' To 35', Add* | *15.28* | |
| | | *For Elevated Installation >35' To 40', Add* | *19.10* | |
| | | *For Elevated Installation >40', Add* | *21.00* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.46* | |
| 26 05 33 13-2587 | EA | 1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 87.90 | 17.69 |
| | | *For Work In Restricted Working Space, Add* | *13.26* | |
| | | *For Elevated Installation >10' To 15', Add* | *4.42* | |
| | | *For Elevated Installation >15' To 20', Add* | *8.84* | |
| | | *For Elevated Installation >20' To 25', Add* | *11.05* | |
| | | *For Elevated Installation >25' To 30', Add* | *15.47* | |
| | | *For Elevated Installation >30' To 35', Add* | *17.68* | |
| | | *For Elevated Installation >35' To 40', Add* | *22.11* | |
| | | *For Elevated Installation >40', Add* | *24.32* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.26* | |
| 26 05 33 13-2588 | EA | 2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover | 137.49 | 20.10 |
| | | *For Work In Restricted Working Space, Add* | *15.07* | |
| | | *For Elevated Installation >10' To 15', Add* | *5.02* | |
| | | *For Elevated Installation >15' To 20', Add* | *10.05* | |
| | | *For Elevated Installation >20' To 25', Add* | *12.56* | |
| | | *For Elevated Installation >25' To 30', Add* | *17.58* | |
| | | *For Elevated Installation >30' To 35', Add* | *20.10* | |
| | | *For Elevated Installation >35' To 40', Add* | *25.12* | |
| | | *For Elevated Installation >40', Add* | *27.63* | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *15.07* | |

### 26 05 33 13-2589 Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-2447)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2590 | EA | 3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120) | 143.17 | 22.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.52* | |
| 26 05 33 13-2591 | EA | 1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250) | 534.99 | 40.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.54* | |
| 26 05 33 13-2592 | EA | 3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400) | 1,029.11 | 82.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *61.95* | |

### 26 05 33 13-2593 Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-2447)*

### 26 05 33 13-2594 Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-2593)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2595 | EA | 1/2" Replacement Stamped Aluminum Conduit Body Cover | 11.08 | 3.92 |
| 26 05 33 13-2596 | EA | 3/4" Replacement Stamped Aluminum Conduit Body Cover | 13.68 | 4.57 |
| 26 05 33 13-2597 | EA | 1" Replacement Stamped Aluminum Conduit Body Cover | 17.50 | 5.88 |
| 26 05 33 13-2598 | EA | 1-1/4" Replacement Stamped Aluminum Conduit Body Cover | 21.30 | 7.18 |
| 26 05 33 13-2599 | EA | 1-1/2" Replacement Stamped Aluminum Conduit Body Cover | 26.36 | 8.49 |
| 26 05 33 13-2600 | EA | 2" Replacement Stamped Aluminum Conduit Body Cover | 31.41 | 9.80 |
| 26 05 33 13-2601 | EA | 2-1/2" Replacement Stamped Aluminum Conduit Body Cover | 42.65 | 11.10 |
| 26 05 33 13-2602 | EA | 3" Replacement Stamped Aluminum Conduit Body Cover | 54.16 | 15.67 |
| 26 05 33 13-2603 | EA | 3-1/2" Replacement Stamped Aluminum Conduit Body Cover | 58.72 | 17.64 |
| 26 05 33 13-2604 | EA | 4" Replacement Stamped Aluminum Conduit Body Cover | 74.00 | 22.20 |

### 26 05 33 13-2605 Replacement Cast Steel Conduit Body Cover *(26 05 33 13-2593)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2606 | EA | 1/2" Replacement Cast Steel Conduit Body Cover | 13.29 | 3.92 |
| 26 05 33 13-2607 | EA | 3/4" Replacement Cast Steel Conduit Body Cover | 15.61 | 4.57 |
| 26 05 33 13-2608 | EA | 1" Replacement Cast Steel Conduit Body Cover | 22.25 | 5.88 |
| 26 05 33 13-2609 | EA | 1-1/4" Replacement Cast Steel Conduit Body Cover | 27.73 | 7.18 |
| 26 05 33 13-2610 | EA | 1-1/2" Replacement Cast Steel Conduit Body Cover | 33.85 | 8.49 |
| 26 05 33 13-2611 | EA | 2" Replacement Cast Steel Conduit Body Cover | 39.98 | 9.80 |
| 26 05 33 13-2612 | EA | 2-1/2" Replacement Cast Steel Conduit Body Cover | 46.05 | 11.10 |
| 26 05 33 13-2613 | EA | 3" Replacement Cast Steel Conduit Body Cover | 62.19 | 15.67 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 13-2614 | EA | 3-1/2" Replacement Cast Steel Conduit Body Cover | 71.37 | 17.64 |
| 26 05 33 13-2615 | EA | 4" Replacement Cast Steel Conduit Body Cover | 90.01 | 22.20 |

### 26 05 33 13-2616 Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-2593)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2617 | EA | 1/2" Replacement Velbuna Composition Conduit Body Gasket | 10.09 | 3.92 |
| 26 05 33 13-2618 | EA | 3/4" Replacement Velbuna Composition Conduit Body Gasket | 11.47 | 4.57 |
| 26 05 33 13-2619 | EA | 1" Replacement Velbuna Composition Conduit Body Gasket | 15.04 | 5.88 |
| 26 05 33 13-2620 | EA | 1-1/4" Replacement Velbuna Composition Conduit Body Gasket | 19.81 | 7.18 |
| 26 05 33 13-2621 | EA | 1-1/2" Replacement Velbuna Composition Conduit Body Gasket | 22.42 | 8.49 |
| 26 05 33 13-2622 | EA | 2" Replacement Velbuna Composition Conduit Body Gasket | 26.85 | 9.80 |
| 26 05 33 13-2623 | EA | 2-1/2" Replacement Velbuna Composition Conduit Body Gasket | 36.40 | 11.10 |
| 26 05 33 13-2624 | EA | 3" Replacement Velbuna Composition Conduit Body Gasket | 46.36 | 15.67 |
| 26 05 33 13-2625 | EA | 3-1/2" Replacement Velbuna Composition Conduit Body Gasket | 51.34 | 17.64 |
| 26 05 33 13-2626 | EA | 4" Replacement Velbuna Composition Conduit Body Gasket | 60.38 | 22.20 |

### 26 05 33 13-2627 Replacement Neoprene Conduit Body Gasket *(26 05 33 13-2593)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 13-2628 | EA | 1/2" Replacement Neoprene Conduit Body Gasket | 11.63 | 3.92 |
| 26 05 33 13-2629 | EA | 3/4" Replacement Neoprene Conduit Body Gasket | 12.94 | 4.57 |
| 26 05 33 13-2630 | EA | 1" Replacement Neoprene Conduit Body Gasket | 16.96 | 5.88 |
| 26 05 33 13-2631 | EA | 1-1/4" Replacement Neoprene Conduit Body Gasket | 20.78 | 7.18 |
| 26 05 33 13-2632 | EA | 1-1/2" Replacement Neoprene Conduit Body Gasket | 23.39 | 8.49 |
| 26 05 33 13-2633 | EA | 2" Replacement Neoprene Conduit Body Gasket | 26.95 | 9.80 |
| 26 05 33 13-2634 | EA | 2-1/2" Replacement Neoprene Conduit Body Gasket | 36.65 | 11.10 |
| 26 05 33 13-2635 | EA | 3" Replacement Neoprene Conduit Body Gasket | 46.61 | 15.67 |
| 26 05 33 13-2636 | EA | 3-1/2" Replacement Neoprene Conduit Body Gasket | 52.98 | 17.64 |
| 26 05 33 13-2637 | EA | 4" Replacement Neoprene Conduit Body Gasket | 62.02 | 22.20 |

## 26 05 33 16 Boxes for Electrical Systems *(26 05 33)*

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

### 26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*

Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0128 for steel box/switch assemblies.

### 26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 16-0003 | EA | 1-1/2" Depth, 4" Square Steel Box | 37.65 | 16.50 |
| | | *For Stud Bracket, Add* | *1.14* | |
| 26 05 33 16-0004 | EA | 2-1/8" Depth, 4" Square Steel Box | 39.76 | 16.50 |
| | | *For Stud Bracket, Add* | *2.05* | |
| 26 05 33 16-0005 | EA | 3-1/2" Depth, 4" Square Steel Box | 47.02 | 16.50 |
| | | *For Stud Bracket, Add* | *2.24* | |
| 26 05 33 16-0006 | EA | 1-1/2" Depth, 4" Square Steel Extension Ring | 32.33 | 11.00 |
| 26 05 33 16-0007 | EA | 2-1/8" Depth, 4" Square Steel Extension Ring | 24.99 | 11.00 |
| 26 05 33 16-0008 | EA | 1/2" Depth, 1 Gang, 4" Square Steel Mud Ring | 13.21 | 5.50 |
| 26 05 33 16-0009 | EA | 5/8" Depth, 1 Gang, 4" Square Steel Mud Ring | 13.56 | 5.50 |
| 26 05 33 16-0010 | EA | 3/4" Depth, 1 Gang, 4" Square Steel Mud Ring | 13.80 | 5.50 |
| 26 05 33 16-0011 | EA | 1" Depth, 1 Gang, 4" Square Steel Mud Ring | 14.58 | 5.50 |
| 26 05 33 16-0012 | EA | 1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring | 14.82 | 5.50 |
| 26 05 33 16-0013 | EA | 1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring | 17.33 | 5.50 |
| 26 05 33 16-0014 | EA | 1/2" Depth, 2 Gang, 4" Square Steel Mud Ring | 14.17 | 5.50 |
| 26 05 33 16-0015 | EA | 5/8" Depth, 2 Gang, 4" Square Steel Mud Ring | 14.41 | 5.50 |
| 26 05 33 16-0016 | EA | 3/4" Depth, 2 Gang, 4" Square Steel Mud Ring | 14.71 | 5.50 |
| 26 05 33 16-0017 | EA | 1" Depth, 2 Gang, 4" Square Steel Mud Ring | 17.28 | 5.50 |
| 26 05 33 16-0018 | EA | 1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring | 17.81 | 5.50 |
| 26 05 33 16-0019 | EA | 1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring | 21.07 | 5.50 |
| 26 05 33 16-0020 | EA | 3/4" Depth, Fixture Cover, 4" Square Mud Rings | 15.42 | 5.50 |
| 26 05 33 16-0021 | EA | 1" Depth, Fixture Cover, 4" Square Mud Rings | 17.50 | 5.50 |
| 26 05 33 16-0022 | EA | One Toggle Switch, 4" Square Steel Exposed Work Cover | 14.13 | 5.50 |
| 26 05 33 16-0023 | EA | Two Toggle Switches, 4" Square Steel Exposed Work Cover | 14.32 | 5.50 |
| 26 05 33 16-0024 | EA | One Duplex Receptacle, 4" Square Steel Exposed Work Cover | 14.09 | 5.50 |
| 26 05 33 16-0025 | EA | Two Duplex Receptacles, 4" Square Steel Exposed Work Cover | 14.64 | 5.50 |
| 26 05 33 16-0026 | EA | One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover | 15.10 | 5.50 |
| 26 05 33 16-0027 | EA | One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover | 20.86 | 5.50 |
| 26 05 33 16-0028 | EA | One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover | 15.02 | 5.50 |
| 26 05 33 16-0029 | EA | Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover | 20.86 | 5.50 |
| 26 05 33 16-0030 | EA | One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover | 15.02 | 5.50 |
| 26 05 33 16-0031 | EA | One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover | 16.37 | 5.50 |
| 26 05 33 16-0032 | EA | One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover | 20.86 | 5.50 |
| 26 05 33 16-0033 | EA | One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover | 20.86 | 5.50 |
| 26 05 33 16-0034 | EA | Flat, 4" Square Steel Exposed Work Cover | 12.49 | 5.50 |

### 26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 16-0036 | EA | 1-1/2" Depth, 4-11/16" Square Steel Box | 45.47 | 16.50 |
| 26 05 33 16-0037 | EA | 2-1/8" Depth, 4-11/16" Square Steel Box | 40.69 | 16.50 |
| | | *For Stud Bracket, Add* | *1.08* | |
| 26 05 33 16-0038 | EA | 3-1/4" Depth, 4-11/16" Square Steel Box | 64.70 | 16.50 |
| 26 05 33 16-0039 | EA | 1-1/2" Depth, 4-11/16" Square Extension Ring | 34.33 | 11.00 |
| 26 05 33 16-0040 | EA | 2-1/8" Depth, 4-11/16" Square Extension Ring | 35.50 | 11.00 |
| 26 05 33 16-0041 | EA | 1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring | 18.00 | 5.50 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 16-0042 | EA | 5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring | 18.05 | 5.50 |
| 26 05 33 16-0043 | EA | 3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring | 20.09 | 5.50 |
| 26 05 33 16-0044 | EA | 1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring | 19.28 | 5.50 |
| 26 05 33 16-0045 | EA | 1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring | 19.09 | 5.50 |
| 26 05 33 16-0046 | EA | 1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring | 27.58 | 5.50 |
| 26 05 33 16-0047 | EA | 1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring | 19.62 | 5.50 |
| 26 05 33 16-0048 | EA | 5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring | 20.06 | 5.50 |
| 26 05 33 16-0049 | EA | 3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring | 20.09 | 5.50 |
| 26 05 33 16-0050 | EA | 1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring | 23.09 | 5.50 |
| 26 05 33 16-0051 | EA | 1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring | 23.72 | 5.50 |
| 26 05 33 16-0052 | EA | 1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring | 30.98 | 5.50 |
| 26 05 33 16-0053 | EA | 1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring | 19.23 | 5.50 |
| 26 05 33 16-0054 | EA | 5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring | 19.44 | 5.50 |
| 26 05 33 16-0055 | EA | One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover | 25.06 | 5.50 |
| 26 05 33 16-0056 | EA | Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover | 26.64 | 5.50 |
| 26 05 33 16-0057 | EA | One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover | 24.60 | 5.50 |
| 26 05 33 16-0058 | EA | Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover | 22.89 | 5.50 |
| 26 05 33 16-0059 | EA | One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover | 28.63 | 5.50 |
| 26 05 33 16-0060 | EA | One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover | 26.63 | 5.50 |
| 26 05 33 16-0061 | EA | One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover | 26.63 | 5.50 |
| 26 05 33 16-0062 | EA | One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover | 26.63 | 5.50 |
| 26 05 33 16-0063 | EA | Flat, 4-11/16" Square Steel Exposed Work Cover | 13.78 | 5.50 |
| **26 05 33 16-0064** | | **Steel Square Box Brackets** *(26 05 33 16-0001)* | | |
| 26 05 33 16-0065 | EA | 16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes | 18.67 | 8.26 |
| 26 05 33 16-0066 | EA | Single Box Bracket, One 4" Or 4-11/16" Square Box | 14.33 | 5.51 |
| 26 05 33 16-0067 | EA | 16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes | 23.77 | 8.26 |
| 26 05 33 16-0068 | EA | 24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes | 26.39 | 8.26 |
| **26 05 33 16-0069** | | **4" Octagon Steel Boxes And Covers** *(26 05 33 16-0001)* | | |
| 26 05 33 16-0070 | EA | 1-1/2" Depth, 4" Steel Octagon Box | 31.31 | 13.75 |
| | | *For Stud Bracket, Add* | *2.77* | |
| 26 05 33 16-0071 | EA | 2-1/8" Depth, 4" Steel Octagon Box | 33.16 | 13.75 |
| 26 05 33 16-0072 | EA | Flat, 4" Octagon Steel Exposed Work Cover | 12.37 | 5.50 |
| **26 05 33 16-0073** | | **4" Steel Octagonal Concrete Rings And Steel Covers** *(26 05 33 16-0001)* | | |
| | | Note: Placed in concrete slabs or walls. | | |
| 26 05 33 16-0074 | EA | 2" Depth, 4" Steel Octagonal Concrete Ring | 52.36 | |
| 26 05 33 16-0075 | EA | 2-1/2" Depth, 4" Steel Octagonal Concrete Ring | 55.93 | |
| 26 05 33 16-0076 | EA | 3" Depth, 4" Steel Octagonal Concrete Ring | 58.49 | |
| 26 05 33 16-0077 | EA | 3-1/2" Depth, 4" Steel Octagonal Concrete Ring | 60.93 | |
| 26 05 33 16-0078 | EA | 4" Depth, 4" Steel Octagonal Concrete Ring | 68.22 | |
| 26 05 33 16-0079 | EA | 5" Depth, 4" Steel Octagonal Concrete Ring | 75.83 | |
| 26 05 33 16-0080 | EA | 6" Depth, 4" Steel Octagonal Concrete Ring | 81.42 | |
| 26 05 33 16-0081 | EA | Flat, 4" Steel Octagonal Concrete Cover | 14.91 | 5.50 |
| **26 05 33 16-0082** | | **4-1/2" Steel Gang Boxes** *(26 05 33 16-0001)* | | |
| 26 05 33 16-0083 | EA | 2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box | 57.49 | 13.75 |
| 26 05 33 16-0084 | EA | 3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box | 63.51 | 14.85 |
| 26 05 33 16-0085 | EA | 4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box | 78.25 | 16.50 |
| 26 05 33 16-0086 | EA | 5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box | 106.87 | 18.14 |
| 26 05 33 16-0087 | EA | 6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box | 168.43 | 19.80 |
| 26 05 33 16-0088 | EA | 2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box | 86.05 | 13.75 |
| 26 05 33 16-0089 | EA | 3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box | 93.94 | 14.85 |
| 26 05 33 16-0090 | EA | 4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box | 129.63 | 16.50 |
| 26 05 33 16-0091 | EA | 5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box | 170.75 | 18.14 |
| 26 05 33 16-0092 | EA | 6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box | 294.75 | 19.80 |
| 26 05 33 16-0093 | EA | 2 Device, Gang Box Mud Ring | 25.85 | 5.50 |
| 26 05 33 16-0094 | EA | 3 Device, Gang Box Mud Ring | 26.33 | 5.50 |
| 26 05 33 16-0095 | EA | 4 Device, Gang Box Mud Ring | 31.83 | 5.50 |
| 26 05 33 16-0096 | EA | 5 Device, Gang Box Mud Ring | 41.29 | 5.50 |
| 26 05 33 16-0097 | EA | 6 Device, Gang Box Mud Ring | 62.04 | 5.50 |
| 26 05 33 16-0098 | EA | 2 Device, Gang Box Flat Cover | 21.12 | 5.50 |
| 26 05 33 16-0099 | EA | 3 Device, Gang Box Flat Cover | 26.28 | 5.50 |
| 26 05 33 16-0100 | EA | 4 Device, Gang Box Flat Cover | 33.12 | 5.50 |
| 26 05 33 16-0101 | EA | 5 Device, Gang Box Flat Cover | 41.82 | 5.50 |
| 26 05 33 16-0102 | EA | 6 Device, Gang Box Flat Cover | 63.51 | 5.50 |
| **26 05 33 16-0103** | | **Steel Switch Boxes** *(26 05 33 16-0001)* | | |
| 26 05 33 16-0104 | EA | 2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box | 34.87 | 13.75 |
| 26 05 33 16-0105 | EA | 2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box | 35.67 | 13.75 |
| 26 05 33 16-0106 | EA | 3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box | 39.79 | 13.75 |
| 26 05 33 16-0107 | EA | 2-1/2" Depth, 2 Device, Stud Bracket, Steel Box | 49.05 | 13.75 |
| 26 05 33 16-0108 | EA | 2-1/2" Depth, 3 Device, Stud Bracket, Steel Box | 49.86 | 13.75 |
| 26 05 33 16-0109 | EA | 2-1/2" Depth, 4 Device, Stud Bracket, Steel Box | 62.41 | 13.75 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 33 16-0110** | | **4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)* | | |
| 26 05 33 16-0111 | EA | 1-1/2" Deep, 4" x 2" Steel Handy Box | 31.11 | 13.75 |
| | | *For Stud Bracket, Add* | *4.46* | |
| 26 05 33 16-0112 | EA | 1-7/8" Deep, 4" x 2" Steel Handy Box | 31.96 | 13.75 |
| | | *For Stud Bracket, Add* | *1.92* | |
| 26 05 33 16-0113 | EA | 2-1/8" Deep, 4" x 2" Steel Handy Box | 33.86 | 13.75 |
| | | *For Stud Bracket, Add* | *2.62* | |
| 26 05 33 16-0114 | EA | 1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring | 21.68 | 8.25 |
| 26 05 33 16-0115 | EA | 1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring | 20.83 | 8.25 |
| 26 05 33 16-0116 | EA | GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover | 7.37 | 2.75 |
| 26 05 33 16-0117 | EA | 1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover | 7.53 | 2.75 |
| 26 05 33 16-0118 | EA | Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover | 6.73 | 2.75 |
| 26 05 33 16-0119 | EA | Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover | 6.78 | 2.75 |
| 26 05 33 16-0120 | EA | 1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover | 8.41 | 2.75 |
| 26 05 33 16-0121 | EA | Flat, 2" x 4" Steel Handy Box Exposed Work Cover | 6.78 | 2.75 |
| **26 05 33 16-0122** | | **3"-1/2" Depth, 3-3/4" Steel Masonry Boxes** *(26 05 33 16-0001)* | | |
| 26 05 33 16-0123 | EA | 1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box | 48.53 | 19.25 |
| 26 05 33 16-0124 | EA | 2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box | 55.85 | 20.35 |
| 26 05 33 16-0125 | EA | 3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box | 65.73 | 21.99 |
| 26 05 33 16-0126 | EA | 4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box | 76.00 | 24.20 |
| **26 05 33 16-0127** | | **Cast Boxes** *(26 05 33 16)* | | |
| | | Note: For flush or surface mount. | | |
| **26 05 33 16-0128** | | **Cast Iron Alloy Boxes** *(26 05 33 16-0127)* | | |
| | | See CSI section 26 27 26 00-0265 for box covers. | | |
| **26 05 33 16-0129** | | **Shallow, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* | | |
| | | Note: Up to 2" deep boxes. | | |
| 26 05 33 16-0130 | EA | 1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box<br>Note: One hub. | 94.62 | 33.00 |
| 26 05 33 16-0131 | EA | 3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box<br>Note: One hub. | 101.88 | 38.49 |
| 26 05 33 16-0132 | EA | 1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box<br>Note: One hub. | 119.94 | 46.74 |
| 26 05 33 16-0133 | EA | 1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Two hub. | 118.20 | 44.00 |
| 26 05 33 16-0134 | EA | 3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Two hub. | 151.17 | 52.25 |
| 26 05 33 16-0135 | EA | 1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Two hub. | 117.71 | 44.00 |
| 26 05 33 16-0136 | EA | 3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 141.56 | 52.25 |
| 26 05 33 16-0137 | EA | 1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 120.80 | 44.00 |
| 26 05 33 16-0138 | EA | 3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 141.61 | 52.25 |
| 26 05 33 16-0139 | EA | 1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 117.71 | 44.00 |
| 26 05 33 16-0140 | EA | 3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 137.79 | 52.25 |
| 26 05 33 16-0141 | EA | 1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 140.22 | 54.99 |
| 26 05 33 16-0142 | EA | 3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 165.93 | 66.00 |
| 26 05 33 16-0143 | EA | 1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 146.14 | 54.99 |
| 26 05 33 16-0144 | EA | 3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 188.53 | 66.00 |
| 26 05 33 16-0145 | EA | 1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 150.01 | 54.99 |
| 26 05 33 16-0146 | EA | 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 179.23 | 66.00 |
| 26 05 33 16-0147 | EA | 1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 139.71 | 54.99 |
| 26 05 33 16-0148 | EA | 3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 181.85 | 66.00 |
| 26 05 33 16-0149 | EA | 1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Four hubs. | 178.17 | 66.00 |
| 26 05 33 16-0150 | EA | 3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box<br>Note: Four hubs. | 214.94 | 79.74 |
| **26 05 33 16-0151** | | **Deep, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* | | |
| | | Note: >2" deep boxes. | | |
| 26 05 33 16-0152 | EA | 1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box<br>Note: One hub. | 98.98 | 33.00 |
| 26 05 33 16-0153 | EA | 3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box<br>Note: One hub. | 113.99 | 38.49 |
| 26 05 33 16-0154 | EA | 1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box<br>Note: One hub. | 133.91 | 46.74 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 16-0155 | EA | 1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 126.18 | 44.00 |
| 26 05 33 16-0156 | EA | 3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 145.67 | 52.25 |
| 26 05 33 16-0157 | EA | 1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 175.08 | 63.24 |
| 26 05 33 16-0158 | EA | 3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box<br>Note: Two hubs. | 156.55 | 52.25 |
| 26 05 33 16-0159 | EA | 3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box<br>Note: Three hubs. | 201.41 | 66.00 |
| **26 05 33 16-0160** | | **Shallow, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)*<br>Note: Up to 2" deep boxes. | | |
| 26 05 33 16-0161 | EA | 1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box<br>Note: One hub. | 113.84 | 35.75 |
| 26 05 33 16-0162 | EA | 3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box<br>Note: One hub. | 126.12 | 41.25 |
| 26 05 33 16-0163 | EA | 1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box<br>Note: One hub. | 146.51 | 49.50 |
| 26 05 33 16-0164 | EA | 1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box<br>Note: Two hubs. | 137.94 | 46.74 |
| 26 05 33 16-0165 | EA | 3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box<br>Note: Two hubs. | 156.67 | 54.99 |
| **26 05 33 16-0166** | | **Deep, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)*<br>Note: >2" deep boxes. | | |
| 26 05 33 16-0167 | EA | 1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box<br>Note: One hub. | 126.94 | 35.75 |
| 26 05 33 16-0168 | EA | 3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box<br>Note: One hub. | 138.45 | 41.25 |
| 26 05 33 16-0169 | EA | 1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box<br>Note: Two hubs. | 157.66 | 46.74 |
| 26 05 33 16-0170 | EA | 3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box<br>Note: Two hubs. | 177.51 | 54.99 |
| **26 05 33 16-0171** | | **Cast Aluminum Boxes** *(26 05 33 16-0127)*<br>See CSI section 26 27 26 00-0265 for box covers. | | |
| **26 05 33 16-0172** | | **Shallow, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)*<br>Note: Up to 2" deep boxes. | | |
| 26 05 33 16-0173 | EA | 1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box<br>Note: One hub. | 83.61 | 27.50 |
| 26 05 33 16-0174 | EA | 3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box<br>Note: One hub. | 95.76 | 33.00 |
| 26 05 33 16-0175 | EA | 1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box<br>Note: One hub. | 106.42 | 41.25 |
| 26 05 33 16-0176 | EA | 1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box<br>Note: One hub. | 78.53 | 27.50 |
| 26 05 33 16-0177 | EA | 3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box<br>Note: One hub. | 99.35 | 33.00 |
| 26 05 33 16-0178 | EA | 1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 106.11 | 38.49 |
| 26 05 33 16-0179 | EA | 3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 127.48 | 46.74 |
| 26 05 33 16-0180 | EA | 1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 159.96 | 57.75 |
| 26 05 33 16-0181 | EA | 1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 114.95 | 38.49 |
| 26 05 33 16-0182 | EA | 3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 123.18 | 46.74 |
| 26 05 33 16-0183 | EA | 1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 109.93 | 38.49 |
| 26 05 33 16-0184 | EA | 3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 126.18 | 46.74 |
| 26 05 33 16-0185 | EA | 1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 106.68 | 38.49 |
| 26 05 33 16-0186 | EA | 3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 126.18 | 46.74 |
| 26 05 33 16-0187 | EA | 1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 99.18 | 38.49 |
| 26 05 33 16-0188 | EA | 3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 134.16 | 46.74 |
| 26 05 33 16-0189 | EA | 1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box<br>Note: Three hubs. | 126.34 | 49.50 |
| 26 05 33 16-0190 | EA | 3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box<br>Note: Three hubs. | 153.51 | 60.50 |
| 26 05 33 16-0191 | EA | 1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box<br>Note: Three hubs. | 134.11 | 49.50 |
| 26 05 33 16-0192 | EA | 3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box<br>Note: Three hubs. | 180.44 | 60.50 |
| 26 05 33 16-0193 | EA | 1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box<br>Note: Three hubs. | 133.46 | 49.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 16-0194 | EA | 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box<br>Note: Three hubs. | 163.76 | 60.50 |
| 26 05 33 16-0195 | EA | 3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box<br>Note: Three hubs. | 166.07 | 60.50 |
| 26 05 33 16-0196 | EA | 1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box<br>Note: Four hubs. | 162.74 | 60.50 |
| 26 05 33 16-0197 | EA | 3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box<br>Note: Four hubs. | 198.65 | 74.24 |
| **26 05 33 16-0198** | | **Deep, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)*<br>Note: >2" deep boxes. | | |
| 26 05 33 16-0199 | EA | 1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box<br>Note: One hub. | 92.63 | 27.50 |
| 26 05 33 16-0200 | EA | 3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box<br>Note: One hub. | 110.98 | 33.00 |
| 26 05 33 16-0201 | EA | 1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box<br>Note: One hub. | 127.34 | 41.25 |
| 26 05 33 16-0202 | EA | 3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box<br>Note: One hub. | 119.21 | 33.00 |
| 26 05 33 16-0203 | EA | 1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 117.77 | 38.49 |
| 26 05 33 16-0204 | EA | 3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 141.80 | 46.74 |
| 26 05 33 16-0205 | EA | 1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 158.62 | 57.75 |
| 26 05 33 16-0206 | EA | 3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box<br>Note: Two hubs. | 143.71 | 46.74 |
| 26 05 33 16-0207 | EA | 3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box<br>Note: Three hubs. | 175.78 | 60.50 |
| **26 05 33 16-0208** | | **Shallow, Two Gang Cast Aluminum Boxes** *(26 05 33 16-0171)*<br>Note: Up to 2" deep boxes. | | |
| 26 05 33 16-0209 | EA | 1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box<br>Note: One hub. | 110.76 | 30.24 |
| 26 05 33 16-0210 | EA | 3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box<br>Note: One hub. | 126.84 | 35.75 |
| 26 05 33 16-0211 | EA | 1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box<br>Note: One hub. | 136.23 | 44.00 |
| 26 05 33 16-0212 | EA | 1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box<br>Note: Two hubs. | 138.45 | 41.25 |
| 26 05 33 16-0213 | EA | 3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box<br>Note: Two hubs. | 141.24 | 49.50 |
| 26 05 33 16-0214 | EA | 1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box<br>Note: Two hubs. | 174.46 | 60.50 |
| **26 05 33 16-0215** | | **Deep, Two Gang Cast Aluminum Boxes** *(26 05 33 16-0171)*<br>Note: >2" deep boxes. | | |
| 26 05 33 16-0216 | EA | 1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box<br>Note: One hub. | 110.66 | 30.24 |
| 26 05 33 16-0217 | EA | 3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box<br>Note: One hub. | 128.07 | 35.75 |
| 26 05 33 16-0218 | EA | 1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box<br>Note: Two hubs. | 141.26 | 41.25 |
| 26 05 33 16-0219 | EA | 3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box<br>Note: Two hubs. | 160.09 | 49.50 |
| 26 05 33 16-0220 | EA | 1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box<br>Note: Two hubs. | 141.26 | 41.25 |
| 26 05 33 16-0221 | EA | 3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box<br>Note: Two hubs. | 160.09 | 49.50 |
| **26 05 33 16-0222** | | **Shallow, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)*<br>Note: Up to 2" deep boxes. | | |
| 26 05 33 16-0223 | EA | 1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box<br>Note: Two hubs. | 148.27 | 44.00 |
| 26 05 33 16-0224 | EA | 3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box<br>Note: Two hubs. | 166.37 | 52.25 |
| **26 05 33 16-0225** | | **Deep, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)*<br>Note: >2" deep boxes. | | |
| 26 05 33 16-0226 | EA | 3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box<br>Note: One hub. | 169.00 | 38.49 |
| 26 05 33 16-0227 | EA | 1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box<br>Note: One hub. | 188.39 | 46.74 |
| **26 05 33 16-0228** | | **Cast Aluminum Explosion Proof Outlet Bodies** *(26 05 33 16-0127)*<br>Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III. | | |
| 26 05 33 16-0229 | EA | 1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body | 174.88 | 44.00 |
| 26 05 33 16-0230 | EA | 3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body | 216.78 | 49.50 |
| 26 05 33 16-0231 | EA | 1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body | 198.24 | 54.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 16-0232 | EA | 1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body | 193.80 | 49.50 |
| 26 05 33 16-0233 | EA | 3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA | 236.32 | 54.99 |
| 26 05 33 16-0234 | | **Non Metallic (PVC) Boxes** *(26 05 33 16)* | | |
| | | See CSI section 26 27 26 00-0265 for box covers. | | |
| 26 05 33 16-0235 | | **Shallow, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)* | | |
| 26 05 33 16-0236 | EA | 1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: One hub. | 58.54 | 23.10 |
| 26 05 33 16-0237 | EA | 3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: One hub. | 66.64 | 26.95 |
| 26 05 33 16-0238 | EA | 1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: One hub. | 74.94 | 32.72 |
| 26 05 33 16-0239 | EA | 1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 74.34 | 30.80 |
| 26 05 33 16-0240 | EA | 3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 87.15 | 36.57 |
| 26 05 33 16-0241 | EA | 1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 105.74 | 44.27 |
| 26 05 33 16-0242 | EA | 1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 74.66 | 30.80 |
| 26 05 33 16-0243 | EA | 3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 86.28 | 36.57 |
| 26 05 33 16-0244 | EA | 1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 102.76 | 44.27 |
| 26 05 33 16-0245 | EA | 1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Three hubs. | 94.47 | 38.49 |
| 26 05 33 16-0246 | EA | 3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Three hubs. | 106.42 | 46.19 |
| 26 05 33 16-0247 | EA | 1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box<br>Note: Three hubs. | 124.63 | 55.83 |
| 26 05 33 16-0248 | | **Deep, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)* | | |
| 26 05 33 16-0249 | EA | No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box<br>Note: No hubs. | 59.50 | 23.10 |
| 26 05 33 16-0250 | EA | 1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box<br>Note: One hub. | 57.81 | 23.10 |
| 26 05 33 16-0251 | EA | 3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box<br>Note: One hub. | 68.92 | 26.95 |
| 26 05 33 16-0252 | EA | 1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box<br>Note: One hub. | 75.88 | 32.72 |
| 26 05 33 16-0253 | EA | 1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 76.23 | 30.80 |
| 26 05 33 16-0254 | EA | 3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 84.67 | 36.57 |
| 26 05 33 16-0255 | EA | 1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 100.92 | 44.27 |
| 26 05 33 16-0256 | | **Shallow, Two Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)* | | |
| 26 05 33 16-0257 | EA | 1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: One hub. | 62.89 | 25.02 |
| 26 05 33 16-0258 | EA | 3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: One hub. | 71.95 | 28.87 |
| 26 05 33 16-0259 | EA | 1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: One hub. | 78.96 | 34.64 |
| 26 05 33 16-0260 | EA | 1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 76.09 | 32.72 |
| 26 05 33 16-0261 | EA | 3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 95.11 | 38.49 |
| 26 05 33 16-0262 | EA | 1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 112.20 | 46.19 |
| 26 05 33 16-0263 | EA | 1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 78.33 | 32.72 |
| 26 05 33 16-0264 | EA | 3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 101.30 | 38.49 |
| 26 05 33 16-0265 | EA | 1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Two hubs. | 107.23 | 46.19 |
| 26 05 33 16-0266 | EA | 1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Three hubs. | 95.54 | 40.42 |
| 26 05 33 16-0267 | EA | 3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Three hubs. | 128.34 | 48.12 |
| 26 05 33 16-0268 | EA | 1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box<br>Note: Three hubs. | 128.33 | 57.75 |
| 26 05 33 16-0269 | | **Poke Thru Units** *(26 05 33 16)* | | |
| 26 05 33 16-0270 | | **Surface Poke Thru Units** *(26 05 33 16-0269)* | | |
| | | Note: Excludes concrete drilling. See CSI section 27 11 19 00-0122 for jacks. | | |
| 26 05 33 16-0271 | EA | Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit<br>Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL. | 637.88 | 41.25 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 16-0272 | EA | Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements<br>Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL. | 406.59 | |
| 26 05 33 16-0273 | EA | 20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit<br>Note: Wiremold RC37REC. | 51.08 | 11.00 |
| 26 05 33 16-0274 | EA | Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit<br>Note: Wiremold RC3APTCBK. | 67.54 | 5.50 |
| 26 05 33 16-0275 | EA | Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit<br>Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL. | 723.41 | 44.00 |
| 26 05 33 16-0276 | EA | Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements<br>Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL. | 379.39 | |
| 26 05 33 16-0277 | EA | Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit<br>Note: Wiremold RC4REC2. | 89.33 | 16.50 |
| 26 05 33 16-0278 | EA | Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit<br>Note: Wiremold RC4APTCBK. | 67.54 | 5.50 |
| 26 05 33 16-0279 | EA | Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit<br>Note: Wiremold ABPLUG4. | 200.58 | 11.00 |
| 26 05 33 16-0280 | EA | Four Jack RC9AMD Communications Poke Thru Unit<br>Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL. | 569.70 | 38.49 |
| 26 05 33 16-0281 | EA | Abandonment Plate For RC9 Series Communications Poke Thru Unit<br>Note: Wiremold RC9APTCBK. | 45.69 | 5.50 |
| 26 05 33 16-0282 | EA | Eight Jack AMD8 Communications Poke Thru Unit<br>Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL. | 566.94 | 38.49 |
| 26 05 33 16-0283 | EA | Communication Conduit Adapter For Poke Thru Units<br>Note: Includes two conduit connections for communication systems. Wiremold COM75. | 65.15 | 5.50 |
| 26 05 33 16-0284 | | Recessed Poke Thru Units *(26 05 33 16-0269)*<br>Note: Excludes concrete drilling. | | |
| 26 05 33 16-0285 | | Evolution 6AT Poke Thru Units *(26 05 33 16-0284)*<br>Note: Excludes concrete drilling. | | |
| 26 05 33 16-0286 | EA | Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP)<br>Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 807.81 | 44.00 |
| 26 05 33 16-0287 | EA | Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP)<br>Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 807.91 | 44.00 |
| 26 05 33 16-0288 | EA | Recessed Assembly With Surface Style Cover (Wiremold 6ATC)<br>Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 769.84 | 44.00 |
| 26 05 33 16-0289 | EA | Recessed Assembly With Flush Style Cover (Wiremold 6AT)<br>Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 769.84 | 44.00 |
| 26 05 33 16-0290 | EA | Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA)<br>Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 807.81 | 44.00 |
| 26 05 33 16-0291 | EA | Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA)<br>Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 807.81 | 44.00 |
| 26 05 33 16-0292 | EA | Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF)<br>Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 737.70 | 44.00 |
| 26 05 33 16-0293 | EA | Recessed Assembly With Disposable Plate (Wiremold 6STC)<br>Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series. | 461.90 | 41.25 |
| 26 05 33 16-0294 | EA | Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV)<br>Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series. | 495.48 | 41.25 |
| 26 05 33 16-0295 | EA | Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP)<br>Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series. | 498.81 | 41.25 |
| 26 05 33 16-0296 | EA | 6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS)<br>Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws. | 140.94 | 21.99 |
| 26 05 33 16-0297 | EA | Surface Style Cover Assembly (Wiremold 6CTC)<br>Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies. | 325.87 | 11.00 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 16-0298 | EA | Flush Style Cover Assembly (Wiremold 6CT)<br>Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim. | 325.87 | 11.00 |
| 26 05 33 16-0299 | EA | Furniture Feed Cover Assembly (Wiremold 6CFFTC)<br>Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services. | 270.81 | 11.00 |
| 26 05 33 16-0300 | EA | Tile Shim (Wiremold 6TS)<br>Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment. | 39.13 | 2.75 |
| 26 05 33 16-0301 | EA | Device Mounting Plate (Wiremold 6AAP)<br>Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others. | 18.99 | 5.50 |
| 26 05 33 16-0302 | EA | Device Mounting Plate (Wiremold 6ACT8A)<br>Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others. | 21.97 | 5.50 |
| 26 05 33 16-0303 | EA | Device Mounting Plate (Wiremold 6B)<br>Note: Device plate used to blank off center compartment, when no devices are used. | 18.90 | 5.50 |
| 26 05 33 16-0304 | EA | Device Mounting Plate (Wiremold 6DEC)<br>Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others. | 18.96 | 5.50 |
| 26 05 33 16-0305 | EA | Device Mounting Plate (Wiremold 6DP)<br>Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others. | 18.83 | 5.50 |
| 26 05 33 16-0306 | EA | Device Mounting Plate (Wiremold 6MAAP)<br>Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others. | 22.29 | 5.50 |
| 26 05 33 16-0307 | EA | Device Mounting Plate (Wiremold 6MAAP2A)<br>Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others. | 22.04 | 5.50 |
| 26 05 33 16-0308 | EA | Mosaic Mounting Plate (Wiremold 6MOS)<br>Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others. | 22.59 | 5.50 |
| 26 05 33 16-0309 | EA | Device Mounting Plate (Wiremold 6S1)<br>Note: Receptacle opening 1 3/8". For 6" poke-thru units only. | 18.54 | 5.50 |
| 26 05 33 16-0310 | EA | Device Mounting Plate (Wiremold 6S2)<br>Note: Receptacle opening 1 9/16". For 6" poke-thru units only. | 18.56 | 5.50 |
| 26 05 33 16-0311 | EA | Device Mounting Plate (Wiremold 6SER)<br>Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others. | 18.30 | 5.50 |
| 26 05 33 16-0312 | EA | Device Mounting Plate (Wiremold 6TRAC)<br>Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others. | 18.30 | 5.50 |
| 26 05 33 16-0313 | EA | 20 Amperes, Duplex Receptacles (Wiremold 68REC)<br>Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device. | 44.31 | 8.25 |
| 26 05 33 16-0314 | EA | Device Mounting Plate (Wiremold 68B)<br>Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used. | 16.73 | 5.50 |
| 26 05 33 16-0315 | EA | Device Mounting Plate (Wiremold 68MAAP)<br>Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others. | 17.16 | 5.50 |
| 26 05 33 16-0316 | EA | 20 Amperes, Duplex Receptacles (Wiremold 68REC-25)<br>Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated | 140.11 | 9.90 |
| 26 05 33 16-0317 | EA | Device Mounting Plate (Wiremold 682A)<br>Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others. | 21.77 | 5.50 |
| 26 05 33 16-0318 | EA | Bottom Housing Assembly (Wiremold 5PTHA)<br>Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only. | 22.70 | 5.50 |
| 26 05 33 16-0319 | EA | Bottom Housing Assembly (Wiremold 5BLH)<br>Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices. | 23.36 | 5.50 |
| 26 05 33 16-0320 | EA | Bottom Housing Assembly (Wiremold 152CHA)<br>Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments. | 35.75 | 11.00 |
| 26 05 33 16-0321 | EA | Bottom Housing Assembly (Wiremold 575CHA)<br>Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only. | 40.91 | 13.75 |
| 26 05 33 16-0322 | EA | Bottom Housing Assembly (Wiremold 175CHA)<br>Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. | 45.18 | 13.75 |
| 26 05 33 16-0323 | EA | Bottom Housing Assembly (Wiremold 1125CHA)<br>Note: One-gang 1 1/4" trade size conduit housing assembly. | 34.30 | 11.00 |
| 26 05 33 16-0324 | EA | Bottom Housing Assembly (Wiremold 1PTHA)<br>Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. | 22.54 | 5.50 |
| 26 05 33 16-0325 | EA | Bottom Housing Assembly (Wiremold 1BLH)<br>Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. | 22.54 | 5.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 16-0326 | EA | Bottom Housing Assembly (Wiremold 15FFHA)<br>Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units. | 23.77 | 5.50 |
| 26 05 33 16-0327 | EA | Bottom Housing Assembly (Wiremold 1BHA)<br>Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates. | 24.60 | 5.50 |
| 26 05 33 16-0328 | | Evolution 8AT Poke Thru Units *(26 05 33 16-0284)*<br>Note: Excludes concrete drilling. | | |
| 26 05 33 16-0329 | EA | Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP)<br>Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 1,060.38 | 44.00 |
| 26 05 33 16-0330 | EA | Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP)<br>Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 1,009.14 | 44.00 |
| 26 05 33 16-0331 | EA | Recessed Assembly With Surface Style Cover (Wiremold 8ATC)<br>Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 999.50 | 44.00 |
| 26 05 33 16-0332 | EA | Recessed Assembly With Flush Style Cover (Wiremold 8AT)<br>Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. | 990.36 | 44.00 |
| 26 05 33 16-0333 | EA | Recessed Assembly With Disposable Plate (Wiremold 8STC)<br>Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series. | 597.48 | 41.25 |
| 26 05 33 16-0334 | EA | Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP)<br>Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series. | 669.66 | 41.25 |
| 26 05 33 16-0335 | EA | 8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS)<br>Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws. | 169.11 | 21.99 |
| 26 05 33 16-0336 | EA | Surface Style Cover Assembly (Wiremold 8CTC)<br>Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. | 352.46 | 11.00 |
| 26 05 33 16-0337 | EA | Flush Style Cover Assembly (Wiremold 8CT)<br>Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim. | 352.46 | 11.00 |
| 26 05 33 16-0338 | EA | Tile Shim (Wiremold 8TS)<br>Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment. | 61.04 | 2.75 |
| 26 05 33 16-0339 | EA | Device Mounting Plate (Wiremold 8B)<br>Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used. | 19.63 | 5.50 |
| 26 05 33 16-0340 | EA | Device Mounting Plate (Wiremold 8DP)<br>Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others. | 19.74 | 5.50 |
| 26 05 33 16-0341 | EA | Device Mounting Plate (Wiremold 8DEC)<br>Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others. | 19.87 | 5.50 |
| 26 05 33 16-0342 | EA | Device Mounting Plate (Wiremold 8ACT6A)<br>Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others. | 23.07 | 5.50 |
| 26 05 33 16-0343 | EA | Mosaic Mounting Plate (Wiremold 8MOS)<br>Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others. | 28.00 | 5.50 |
| 26 05 33 16-0344 | EA | Crestron Double Gang Plate (Wiremold 8CREST)<br>Note: Device plate accepts Crestron double-gang decorator style devices. | 27.96 | 5.50 |
| 26 05 33 16-0345 | EA | Device Mounting Plate (Wiremold 8S1)<br>Note: Receptacle opening 1 3/8". For 8" poke-thru units only. | 19.03 | 5.50 |
| 26 05 33 16-0346 | EA | Device Mounting Plate (Wiremold 8S2)<br>Note: Receptacle opening 1 9/16". For 8" poke-thru units only. | 19.27 | 5.50 |
| 26 05 33 16-0347 | EA | Device Mounting Plate (Wiremold 8TRAC)<br>Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others. | 19.03 | 5.50 |
| 26 05 33 16-0348 | EA | Device Mounting Plate (Wiremold 8SER)<br>Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others. | 19.03 | 5.50 |
| 26 05 33 16-0349 | EA | Device Mounting Plate (Wiremold 8MAAP)<br>Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others. | 27.56 | 5.50 |
| 26 05 33 16-0350 | EA | Device Mounting Plate (Wiremold 8AAP)<br>Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others. | 22.93 | 5.50 |
| 26 05 33 16-0351 | EA | 8" Divider (Wiremold 8DIV)<br>Note: Divider allows for separation of services when required. | 26.47 | 5.50 |
| 26 05 33 16-0352 | EA | Bottom Housing Assembly (Wiremold 22CHA)<br>Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units. | 35.75 | 11.00 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 26 05 33 23 Surface Raceways for Electrical Systems *(26 05 33)*

### 26 05 33 23-0001 Raceways *(26 05 33 23)*

### 26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

### 26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0004 | LF | 2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover | 24.98 | 5.02 |
| | | *For Combination Hinged Screw Cover, Add* | *0.75* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.50* | |
| 26 05 33 23-0005 | EA | 2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover | 20.48 | 7.54 |
| | | *For Combination Hinged Screw Cover, Add* | *0.27* | |
| 26 05 33 23-0006 | EA | 2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover | 24.20 | 9.40 |
| | | *For Combination Hinged Screw Cover, Add* | *0.27* | |
| 26 05 33 23-0007 | EA | 2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover | 51.05 | 17.59 |
| | | *For Combination Hinged Screw Cover, Add* | *0.79* | |
| 26 05 33 23-0008 | EA | 2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover | 82.67 | 17.59 |
| | | *For Combination Hinged Screw Cover, Add* | *2.38* | |
| 26 05 33 23-0009 | EA | 2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover | 122.50 | 25.02 |
| | | *For Combination Hinged Screw Cover, Add* | *3.63* | |
| 26 05 33 23-0010 | EA | 2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover | 137.52 | 27.64 |
| | | *For Combination Hinged Screw Cover, Add* | *4.11* | |

### 26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0012 | LF | 4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover | 30.59 | 6.33 |
| | | *For Combination Hinged Screw Cover, Add* | *0.90* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.63* | |
| 26 05 33 23-0013 | LF | 4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover | 55.12 | 6.33 |
| | | *For Combination Hinged Screw Cover, Add* | *2.13* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.63* | |
| 26 05 33 23-0014 | EA | 4" x 4", End Plate For Surface Mounted Wireway With Screw Cover | 16.70 | 5.53 |
| | | *For Combination Hinged Screw Cover, Add* | *0.28* | |
| 26 05 33 23-0015 | EA | 4" x 4", Coupling For Surface Mounted Wireway With Screw Cover | 26.75 | 10.55 |
| | | *For Combination Hinged Screw Cover, Add* | *0.28* | |
| 26 05 33 23-0016 | EA | 4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover | 60.26 | 21.50 |
| | | *For Combination Hinged Screw Cover, Add* | *0.86* | |
| 26 05 33 23-0017 | EA | 4" x 4", Elbow For Surface Mounted Wireway With Screw Cover | 95.03 | 21.50 |
| | | *For Combination Hinged Screw Cover, Add* | *2.60* | |
| 26 05 33 23-0018 | EA | 4" x 4", Tee For Surface Mounted Wireway With Screw Cover | 134.68 | 27.94 |
| | | *For Combination Hinged Screw Cover, Add* | *3.94* | |
| 26 05 33 23-0019 | EA | 4" x 4", Cross For Surface Mounted Wireway With Screw Cover | 155.55 | 32.66 |
| | | *For Combination Hinged Screw Cover, Add* | *4.51* | |

### 26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0021 | LF | 6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover | 45.79 | 7.54 |
| | | *For Combination Hinged Screw Cover, Add* | *1.53* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.76* | |
| 26 05 33 23-0022 | LF | 6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover | 88.81 | 7.54 |
| | | *For Combination Hinged Screw Cover, Add* | *3.69* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.76* | |
| 26 05 33 23-0023 | EA | 6" x 6", End Plate For Surface Mounted Wireway With Screw Cover | 21.14 | 6.03 |
| | | *For Combination Hinged Screw Cover, Add* | *0.45* | |
| 26 05 33 23-0024 | EA | 6" x 6", Coupling For Surface Mounted Wireway With Screw Cover | 34.21 | 12.57 |
| | | *For Combination Hinged Screw Cover, Add* | *0.45* | |
| 26 05 33 23-0025 | EA | 6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover | 85.27 | 25.02 |
| | | *For Combination Hinged Screw Cover, Add* | *1.77* | |
| 26 05 33 23-0026 | EA | 6" x 6", Elbow For Surface Mounted Wireway With Screw Cover | 121.99 | 25.02 |
| | | *For Combination Hinged Screw Cover, Add* | *3.60* | |
| 26 05 33 23-0027 | EA | 6" x 6", Tee For Surface Mounted Wireway With Screw Cover | 191.89 | 31.25 |
| | | *For Combination Hinged Screw Cover, Add* | *6.47* | |
| 26 05 33 23-0028 | EA | 6" x 6", Cross For Surface Mounted Wireway With Screw Cover | 207.93 | 36.17 |
| | | *For Combination Hinged Screw Cover, Add* | *6.78* | |

### 26 05 33 23-0029 8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0030 | LF | 8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover | 73.98 | 8.24 |
| | | *For Combination Hinged Screw Cover, Add* | *2.88* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.82* | |
| 26 05 33 23-0031 | LF | 8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover | 135.24 | 8.24 |
| | | *For Combination Hinged Screw Cover, Add* | *5.94* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.82* | |
| 26 05 33 23-0032 | EA | 8" x 8", End Plate For Surface Mounted Wireway With Screw Cover | 23.30 | 6.53 |
| | | *For Combination Hinged Screw Cover, Add* | *0.51* | |
| 26 05 33 23-0033 | EA | 8" x 8", Coupling For Surface Mounted Wireway With Screw Cover | 37.37 | 13.57 |
| | | *For Combination Hinged Screw Cover, Add* | *0.51* | |
| 26 05 33 23-0034 | EA | 8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover | 95.16 | 27.54 |
| | | *For Combination Hinged Screw Cover, Add* | *2.00* | |
| 26 05 33 23-0035 | EA | 8" x 8", Elbow For Surface Mounted Wireway With Screw Cover | 154.79 | 27.54 |
| | | *For Combination Hinged Screw Cover, Add* | *4.99* | |
| 26 05 33 23-0036 | EA | 8" x 8", Tee For Surface Mounted Wireway With Screw Cover | 230.86 | 33.97 |
| | | *For Combination Hinged Screw Cover, Add* | *8.15* | |
| 26 05 33 23-0037 | EA | 8" x 8", Cross For Surface Mounted Wireway With Screw Cover | 322.43 | 41.20 |
| | | *For Combination Hinged Screw Cover, Add* | *12.00* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0038 | | 10" x 10", Wireway With Screw Cover *(26 05 33 23-0002)* | | |
| 26 05 33 23-0039 | LF | 10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover | 107.46 | 9.55 |
| | | *For Combination Hinged Screw Cover, Add* | *4.42* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.96* | |
| 26 05 33 23-0040 | LF | 10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover | 190.35 | 9.55 |
| | | *For Combination Hinged Screw Cover, Add* | *8.56* | |
| | | *For Concrete Or Masonry Surface, Add* | *0.96* | |
| 26 05 33 23-0041 | EA | 10" x 10", End Plate For Surface Mounted Wireway With Screw Cover | 32.64 | 7.54 |
| | | *For Combination Hinged Screw Cover, Add* | *0.88* | |
| 26 05 33 23-0042 | EA | 10" x 10", Coupling For Surface Mounted Wireway With Screw Cover | 47.71 | 15.07 |
| | | *For Combination Hinged Screw Cover, Add* | *0.88* | |
| 26 05 33 23-0043 | EA | 10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover | 127.10 | 29.94 |
| | | *For Combination Hinged Screw Cover, Add* | *3.36* | |
| 26 05 33 23-0044 | EA | 10" x 10", Elbow For Surface Mounted Wireway With Screw Cover | 245.39 | 29.94 |
| | | *For Combination Hinged Screw Cover, Add* | *9.27* | |
| 26 05 33 23-0045 | EA | 10" x 10", Tee For Surface Mounted Wireway With Screw Cover | 371.28 | 37.79 |
| | | *For Combination Hinged Screw Cover, Add* | *14.79* | |
| 26 05 33 23-0046 | EA | 10" x 10", Cross For Surface Mounted Wireway With Screw Cover | 529.91 | 42.71 |
| | | *For Combination Hinged Screw Cover, Add* | *22.23* | |
| 26 05 33 23-0047 | | 12" x 12", Wireway With Screw Cover *(26 05 33 23-0002)* | | |
| 26 05 33 23-0048 | LF | 12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover | 126.19 | 11.55 |
| | | *For Combination Hinged Screw Cover, Add* | *5.15* | |
| | | *For Concrete Or Masonry Surface, Add* | *1.16* | |
| 26 05 33 23-0049 | LF | 12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover | 209.49 | 11.55 |
| | | *For Combination Hinged Screw Cover, Add* | *9.32* | |
| | | *For Concrete Or Masonry Surface, Add* | *1.16* | |
| 26 05 33 23-0050 | EA | 12" x 12", End Plate For Surface Mounted Wireway With Screw Cover | 42.92 | 8.04 |
| | | *For Combination Hinged Screw Cover, Add* | *1.34* | |
| 26 05 33 23-0051 | EA | 12" x 12", Coupling For Surface Mounted Wireway With Screw Cover | 59.01 | 16.07 |
| | | *For Combination Hinged Screw Cover, Add* | *1.34* | |
| 26 05 33 23-0052 | EA | 12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover | 166.84 | 32.66 |
| | | *For Combination Hinged Screw Cover, Add* | *5.08* | |
| 26 05 33 23-0053 | EA | 12" x 12", Elbow For Surface Mounted Wireway With Screw Cover | 323.49 | 32.66 |
| | | *For Combination Hinged Screw Cover, Add* | *12.91* | |
| 26 05 33 23-0054 | EA | 12" x 12", Tee For Surface Mounted Wireway With Screw Cover | 417.22 | 40.19 |
| | | *For Combination Hinged Screw Cover, Add* | *16.84* | |
| 26 05 33 23-0055 | EA | 12" x 12", Cross For Surface Mounted Wireway With Screw Cover | 680.20 | 45.22 |
| | | *For Combination Hinged Screw Cover, Add* | *29.49* | |
| 26 05 33 23-0056 | | Surface Metal Raceways *(26 05 33 23-0001)* | | |
| | | Note: Exposed on flat wall surface. | | |
| 26 05 33 23-0057 | | One Piece Surface Metal Raceways *(26 05 33 23-0056)* | | |
| | | Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal). | | |
| 26 05 33 23-0058 | | 3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) *(26 05 33 23-0057)* | | |
| | | Note: Available in ivory. | | |
| 26 05 33 23-0059 | LF | 3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500) | 4.46 | 1.50 |
| | | *For Concrete Or Masonry Surface, Add* | *0.15* | |
| 26 05 33 23-0060 | EA | Bushing (Wiremold #502) | 4.37 | 2.01 |
| 26 05 33 23-0061 | EA | One Or Two Hole Strap (Wiremold #504) | 4.41 | 2.01 |
| 26 05 33 23-0062 | EA | Connection Cover (Wiremold #506) | 4.58 | 2.01 |
| 26 05 33 23-0063 | EA | Flat 90 Degree Elbow (Wiremold #511) | 6.96 | 2.41 |
| 26 05 33 23-0064 | EA | Flat 45 Degree Elbow (Wiremold #512) | 11.60 | 2.52 |
| 26 05 33 23-0065 | EA | Adjustable Internal Elbow (Wiremold #517) | 8.68 | 3.02 |
| 26 05 33 23-0066 | EA | Adjustable External Elbow (Wiremold #518) | 8.48 | 3.02 |
| 26 05 33 23-0067 | | 3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) *(26 05 33 23-0057)* | | |
| | | Note: Available in ivory and white. | | |
| 26 05 33 23-0068 | LF | 3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700) | 5.58 | 2.01 |
| | | *For Concrete Or Masonry Surface, Add* | *0.20* | |
| 26 05 33 23-0069 | EA | Bushing (Wiremold #702) | 4.46 | 2.01 |
| 26 05 33 23-0070 | EA | One Or Two Hole Strap (Wiremold #704) | 4.60 | 2.01 |
| 26 05 33 23-0071 | EA | Connection Cover (Wiremold #706) | 4.64 | 2.01 |
| 26 05 33 23-0072 | EA | Flat 90 Degree Elbow (Wiremold #711) | 10.18 | 4.02 |
| 26 05 33 23-0073 | EA | Flat 45 Degree Elbow (Wiremold #712) | 15.91 | 4.02 |
| 26 05 33 23-0074 | EA | Adjustable Internal Elbow (Wiremold #717) | 10.97 | 4.02 |
| 26 05 33 23-0075 | EA | Adjustable External Elbow (Wiremold #718) | 10.61 | 4.02 |
| 26 05 33 23-0076 | | One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)* | | |
| | | Note: Available in ivory. | | |
| 26 05 33 23-0077 | EA | 18" Flex Fitting, For #500 Or 700 (Wiremold #5700F) | 29.94 | 3.02 |
| 26 05 33 23-0078 | EA | Galvanized Coupling For #500 Or 700 (Wiremold #5701) | 4.58 | 2.01 |
| 26 05 33 23-0079 | EA | Supporting Clip, For #500 Or 700 (Wiremold #5703) | 4.58 | 2.01 |
| 26 05 33 23-0080 | EA | Ground Clamp (Wiremold #5709) | 13.14 | 3.02 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0081 | EA | Grounding Connector (Wiremold #5709GC) | 11.12 | 3.02 |
| 26 05 33 23-0082 | EA | L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711) | 12.66 | 4.02 |
| 26 05 33 23-0083 | EA | Tee (Wiremold #5715) | 14.28 | 5.02 |
| 26 05 33 23-0084 | EA | 2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719) | 24.57 | 4.02 |
| 26 05 33 23-0085 | EA | Utility Box For #500 Or #700 (Wiremold #57242) | 18.95 | 4.02 |
| 26 05 33 23-0086 | EA | 2-3/8" Diameter, Blank Cover (Wiremold #5731) | 10.21 | 2.52 |
| 26 05 33 23-0087 | EA | 3" Diameter, Outlet Box (Wiremold #5733) | 23.42 | 4.02 |
| 26 05 33 23-0088 | EA | 4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735) | 23.33 | 4.02 |
| 26 05 33 23-0089 | EA | 4-3/8" Blank Cover (Wiremold #5736) | 10.82 | 2.52 |
| 26 05 33 23-0090 | EA | 4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737) | 21.22 | 4.02 |
| 26 05 33 23-0091 | EA | 5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A) | 20.48 | 4.02 |
| 26 05 33 23-0092 | EA | 4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738) | 20.66 | 4.02 |
| 26 05 33 23-0093 | EA | 5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A) | 20.66 | 4.02 |
| 26 05 33 23-0094 | EA | 5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF) | 23.33 | 4.02 |
| 26 05 33 23-0095 | EA | 6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739) | 23.05 | 4.02 |
| 26 05 33 23-0096 | EA | 6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A) | 24.59 | 4.02 |
| 26 05 33 23-0097 | EA | Standard Switch Box For #500, Or #700 (Wiremold #57240) | 27.82 | 6.53 |
| 26 05 33 23-0098 | EA | Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G) | 44.11 | 12.57 |
| 26 05 33 23-0099 | EA | 2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741) | 21.08 | 6.53 |
| 26 05 33 23-0100 | EA | 1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744) | 33.23 | 6.53 |
| 26 05 33 23-0101 | EA | 2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2) | 38.06 | 6.53 |
| 26 05 33 23-0102 | EA | 3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3) | 57.68 | 6.53 |
| 26 05 33 23-0103 | EA | 1 Gang, Signal Box (Wiremold #5744S) | 30.09 | 5.53 |
| 26 05 33 23-0104 | EA | 2 Gang, Signal Box (Wiremold #5744S-2) | 33.57 | 5.53 |
| 26 05 33 23-0105 | EA | 3 Gang, Signal Box (Wiremold #5744S-3) | 53.73 | 5.53 |
| 26 05 33 23-0106 | EA | 4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745) | 22.00 | 6.53 |
| 26 05 33 23-0107 | EA | 4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747) | 19.37 | 6.53 |
| 26 05 33 23-0108 | EA | 4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2) | 27.16 | 6.53 |
| 26 05 33 23-0109 | EA | 4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3) | 52.66 | 6.53 |
| 26 05 33 23-0110 | EA | 4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748) | 20.69 | 6.53 |
| 26 05 33 23-0111 | EA | 4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2) | 28.74 | 6.53 |
| 26 05 33 23-0112 | EA | 4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3) | 51.19 | 6.53 |
| 26 05 33 23-0113 | EA | 4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4) | 75.89 | 6.53 |
| 26 05 33 23-0114 | EA | 4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5) | 125.00 | 6.53 |
| 26 05 33 23-0115 | EA | 4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6) | 127.19 | 6.53 |
| 26 05 33 23-0116 | EA | 4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S) | 20.44 | 6.53 |
| 26 05 33 23-0117 | EA | 4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751) | 19.88 | 6.53 |
| 26 05 33 23-0118 | EA | 4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2) | 26.37 | 6.53 |
| 26 05 33 23-0119 | EA | 4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3) | 51.69 | 6.53 |
| 26 05 33 23-0120 | EA | 4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A) | 21.47 | 6.53 |
| 26 05 33 23-0121 | EA | 4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752) | 27.74 | 6.53 |
| 26 05 33 23-0122 | EA | 4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753) | 39.88 | 6.53 |
| 26 05 33 23-0123 | EA | Blank Extension Box (Wiremold #5760) | 13.86 | 2.52 |
| 26 05 33 23-0124 | EA | 1/2" Special Nipple (Wiremold #5780) | 13.20 | 2.52 |
| 26 05 33 23-0125 | EA | 1/2" Box Connector (Wiremold #5781) | 8.80 | 2.52 |
| 26 05 33 23-0126 | EA | 3/4" Box Connector (Wiremold #5781A) | 16.57 | 3.02 |
| 26 05 33 23-0127 | EA | 1/2" Conduit Connector (Wiremold #5782) | 8.88 | 2.52 |
| 26 05 33 23-0128 | EA | 3/4" Conduit Connector (Wiremold #5782A) | 20.74 | 3.02 |
| 26 05 33 23-0129 | EA | 1/2" Elbow Conduit Connector (Wiremold #5784) | 18.59 | 3.02 |
| 26 05 33 23-0130 | EA | Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785) | 10.38 | 3.02 |
| 26 05 33 23-0131 | EA | Offset Connector (Wiremold #5786) | 17.26 | 3.02 |
| 26 05 33 23-0132 | EA | Armor Cable Connector (Wiremold #5790B) | 9.02 | 2.52 |
| 26 05 33 23-0133 | EA | 1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791) | 7.98 | 2.01 |
| 26 05 33 23-0134 | | 1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)* | | |
| | | Note: Galvanized finish. | | |
| 26 05 33 23-0135 | LF | 1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10) | 8.04 | 2.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.25* | |
| 26 05 33 23-0136 | EA | Wire Clip (Wiremold #1500WC) | 5.02 | 2.01 |
| 26 05 33 23-0137 | EA | Bushing (Wiremold #1502) | 5.95 | 2.52 |
| 26 05 33 23-0138 | EA | 2-Hole Strap (Wiremold #1504) | 6.73 | 3.02 |
| 26 05 33 23-0139 | EA | Flat Elbow (Wiremold #1511) | 26.01 | 9.55 |
| 26 05 33 23-0140 | EA | Internal Elbow (Wiremold #1517) | 26.87 | 9.55 |
| 26 05 33 23-0141 | EA | Adapter Fitting (Wiremold #1517B) | 28.87 | 9.55 |
| 26 05 33 23-0142 | EA | External Elbow (Wiremold #1518) | 28.70 | 9.55 |
| 26 05 33 23-0143 | EA | Utility Box (Wiremold #1528) | 25.87 | 6.53 |
| 26 05 33 23-0144 | EA | Junction Box (Wiremold #1542D) | 26.67 | 6.53 |
| 26 05 33 23-0145 | EA | Duplex Receptacle (Wiremold #1543GL) | 52.25 | 12.57 |
| 26 05 33 23-0146 | EA | Single Receptacle Box (Wiremold #1546A) | 27.46 | 6.53 |
| 26 05 33 23-0147 | EA | Duplex Receptacle Box (Wiremold #1546B) | 33.55 | 6.53 |
| 26 05 33 23-0148 | EA | Telephone Box (Wiremold #1546T) | 32.92 | 6.53 |
| 26 05 33 23-0149 | EA | Combination Connection (Wiremold #1585) | 15.90 | 3.02 |
| 26 05 33 23-0150 | | 2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)* | | |
| | | Note: Galvanized finish. | | |
| 26 05 33 23-0151 | LF | 2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10) | 13.85 | 4.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.45* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0152 | EA | Wire Clip (Wiremold #2600WC) | 5.17 | 2.01 |
| 26 05 33 23-0153 | EA | Fiber Bushing (Wiremold #2602) | 5.82 | 2.01 |
| 26 05 33 23-0154 | EA | 2-5/8", 90 Degree Flat Elbow (Wiremold #2611) | 21.38 | 3.52 |
| 26 05 33 23-0155 | EA | 5" Diameter, Junction Box (Wiremold #2642D) | 32.05 | 5.02 |
| 26 05 33 23-0156 | EA | Service Fitting (Wiremold #2686FO) | 31.24 | 6.03 |
| 26 05 33 23-0157 | | Two Piece Surface Metal Raceways *(26 05 33 23-0056)* | | |
| | | Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal). | | |
| 26 05 33 23-0158 | | 1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)* | | |
| 26 05 33 23-0159 | LF | 1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC) | 7.98 | 2.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.25* | |
| 26 05 33 23-0160 | EA | Wire Clip (Wiremold #2000WC) | 3.78 | 2.01 |
| 26 05 33 23-0161 | EA | Coupling (Wiremold #2001) | 10.00 | 2.52 |
| 26 05 33 23-0162 | EA | Supporting Clip (Wiremold #2003) | 4.95 | 1.50 |
| 26 05 33 23-0163 | EA | Cover Clip (Wiremold #2006) | 4.58 | 1.50 |
| 26 05 33 23-0164 | EA | Ground Clamp (Wiremold #2009) | 12.08 | 2.52 |
| 26 05 33 23-0165 | EA | Entrance End Fitting (Wiremold #2010A2) | 23.52 | 7.54 |
| 26 05 33 23-0166 | EA | Entrance End Fitting (Wiremold #2010A3) | 40.65 | 10.05 |
| 26 05 33 23-0167 | EA | Blank End Fitting (Wiremold #2010B) | 6.16 | 2.52 |
| 26 05 33 23-0168 | EA | Flat 90 Degree Elbow (Wiremold #2011) | 20.22 | 6.53 |
| 26 05 33 23-0169 | EA | Tee (Wiremold #2015) | 37.46 | 9.45 |
| 26 05 33 23-0170 | EA | Internal Corner Coupling (Wiremold #2017TC) | 12.83 | 5.02 |
| 26 05 33 23-0171 | EA | Single Gang Device Box (Wiremold #2048) | 30.74 | 8.94 |
| 26 05 33 23-0172 | EA | 2-Gang device Box (Wiremold #2048-2) | 49.12 | 9.95 |
| 26 05 33 23-0173 | EA | Flush Plate Adapter (Wiremold #2051H) | 33.27 | 9.95 |
| 26 05 33 23-0174 | EA | Side Reducing Connector (Wiremold #2089) | 27.93 | 5.02 |
| 26 05 33 23-0175 | EA | #2089E End Reducing Connector | 11.46 | 2.52 |
| 26 05 33 23-0176 | | 1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)* | | |
| | | Note: Available in gray enamel (G) or ivory (V). | | |
| 26 05 33 23-0177 | LF | 1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B) | 6.71 | 2.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.25* | |
| 26 05 33 23-0178 | LF | 1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD) | 7.38 | 2.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.25* | |
| 26 05 33 23-0179 | LF | Raceway Cover (Wiremold #2400C) | 2.72 | 0.50 |
| 26 05 33 23-0180 | EA | Wire Clip (Wiremold #2400WC) | 3.76 | 2.01 |
| 26 05 33 23-0181 | EA | Coupling (Wiremold #2401) | 9.89 | 2.52 |
| 26 05 33 23-0182 | EA | Divided Raceway Coupling (Wiremold #2401D) | 8.25 | 2.52 |
| 26 05 33 23-0183 | EA | Cover Clip (Wiremold #2406) | 4.56 | 1.50 |
| 26 05 33 23-0184 | EA | Device Bracket Frame (Wiremold #2407-2CM) | 34.30 | 7.54 |
| 26 05 33 23-0185 | EA | Device Bracket Frame (Wiremold #2407-2TJ) | 32.83 | 7.54 |
| 26 05 33 23-0186 | EA | Ground Clamp (Wiremold #2409) | 9.03 | 2.01 |
| 26 05 33 23-0187 | EA | End Fitting (Wiremold #2410A) | 22.26 | 7.54 |
| 26 05 33 23-0188 | EA | Blank End (Wiremold #2410B) | 6.18 | 2.52 |
| 26 05 33 23-0189 | EA | Divided Blank End Fitting (Wiremold #2410BD) | 6.26 | 2.52 |
| 26 05 33 23-0190 | EA | Entrance End Fitting (Wiremold #2410C) | 34.16 | 7.54 |
| 26 05 33 23-0191 | EA | Divided Entrance End Fitting (Wiremold #2410D) | 32.73 | 7.54 |
| 26 05 33 23-0192 | EA | Divided Entrance End Fitting (Wiremold #2410DFO) | 54.05 | 7.54 |
| 26 05 33 23-0193 | EA | Full Cap Entrance End Fitting (Wiremold #2410FC) | 41.27 | 7.54 |
| 26 05 33 23-0194 | EA | Divided Flat 90 Degree Elbow (Wiremold #2411D) | 25.03 | 7.54 |
| 26 05 33 23-0195 | EA | Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO) | 40.48 | 7.54 |
| 26 05 33 23-0196 | EA | Radiused Flat 90 Degree Elbow (Wiremold #2411FO) | 36.19 | 7.44 |
| 26 05 33 23-0197 | EA | Flat 90 Degree Elbow (Wiremold #2411M) | 23.83 | 7.54 |
| 26 05 33 23-0198 | EA | Radiused Divided Tee (Wiremold #2415DFO) | 43.48 | 7.44 |
| 26 05 33 23-0199 | EA | Radiused Tee (Wiremold #2415FO) | 41.31 | 7.44 |
| 26 05 33 23-0200 | EA | Tee (Wiremold #2415M) | 28.38 | 7.44 |
| 26 05 33 23-0201 | EA | Divided Internal Coupling (Wiremold #2417D) | 23.57 | 7.44 |
| 26 05 33 23-0202 | EA | Radiused Divided Internal Coupling (Wiremold #2417DFO) | 37.39 | 7.44 |
| 26 05 33 23-0203 | EA | Radiused Internal Coupling (Wiremold #2417FO) | 36.26 | 7.44 |
| 26 05 33 23-0204 | EA | Internal Coupling (Wiremold #2417M) | 22.81 | 7.44 |
| 26 05 33 23-0205 | EA | Radiused Divided External Coupling (Wiremold #2418DFO) | 40.70 | 7.44 |
| 26 05 33 23-0206 | EA | Radiused External Coupling (Wiremold #2418FO) | 40.03 | 7.44 |
| 26 05 33 23-0207 | EA | External Coupling (Wiremold #2418M) | 27.89 | 7.44 |
| 26 05 33 23-0208 | EA | 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444) | 37.05 | 6.53 |
| 26 05 33 23-0209 | EA | 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2) | 41.20 | 6.53 |
| 26 05 33 23-0210 | EA | Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS) | 41.42 | 6.53 |
| 26 05 33 23-0211 | EA | Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D) | 39.66 | 6.53 |
| 26 05 33 23-0212 | EA | Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A) | 56.24 | 6.53 |
| 26 05 33 23-0213 | EA | Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N) | 49.43 | 6.53 |
| 26 05 33 23-0214 | EA | 4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448) | 25.76 | 6.53 |
| 26 05 33 23-0215 | EA | 4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2) | 40.28 | 6.53 |
| 26 05 33 23-0216 | EA | Device Bracket Type Adapter Plate (Wiremold #2450) | 12.32 | 2.52 |
| 26 05 33 23-0217 | EA | 4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H) | 29.06 | 7.54 |
| 26 05 33 23-0218 | EA | Bridge Fitting For 2400/700/500 (Wiremold #2475D) | 87.99 | 7.54 |
| 26 05 33 23-0219 | EA | Side Reducing Connector (Wiremold #2489) | 25.43 | 4.02 |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 05 33 23-0220 | | | 2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)* | | |
| | | | Note: Available in gray enamel (G) or ivory (V). | | |
| | 26 05 33 23-0221 | LF | 2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B) | 12.83 | 4.52 |
| | | | *For Concrete Or Masonry Surface, Add* | *0.45* | |
| | 26 05 33 23-0222 | LF | Raceway Cover (Wiremold #3000CE) | 2.97 | 0.50 |
| | 26 05 33 23-0223 | EA | Wire Clips For Conductors (Wiremold #3000WC) | 4.88 | 2.01 |
| | 26 05 33 23-0224 | EA | Couplings (Wiremold #3001) | 12.68 | 2.01 |
| | 26 05 33 23-0225 | EA | Rigid Inside Coupling (Wiremold #3001A) | 12.28 | 2.52 |
| | 26 05 33 23-0226 | EA | Supporting Clip (Wiremold #3003) | 9.15 | 2.52 |
| | 26 05 33 23-0227 | EA | Clip Cover (Wiremold #3006E) | 5.33 | 2.01 |
| | 26 05 33 23-0228 | EA | Device Brackets (Wiremold #3007C) | 13.63 | 4.02 |
| | 26 05 33 23-0229 | EA | C-Hanger (Wiremold #3008C) | 13.42 | 3.02 |
| | 26 05 33 23-0230 | EA | Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE) | 31.61 | 9.55 |
| | 26 05 33 23-0231 | EA | Blank End Fittings (Wiremold #3010B) | 11.64 | 4.02 |
| | 26 05 33 23-0232 | EA | Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C) | 34.87 | 9.55 |
| | 26 05 33 23-0233 | EA | Flat 90 Degree Elbow (Wiremold #3011E) | 52.15 | 12.46 |
| | 26 05 33 23-0234 | EA | Wall Box Connector (Wiremold #3014C) | 37.70 | 12.57 |
| | 26 05 33 23-0235 | EA | Tee Fitting (Wiremold #3015E) | 71.48 | 15.57 |
| | 26 05 33 23-0236 | EA | Internal Corner Coupling (Wiremold #3017TCE) | 34.10 | 9.55 |
| | 26 05 33 23-0237 | EA | External Corner (Wiremold #3018AE) | 41.77 | 9.55 |
| | 26 05 33 23-0238 | EA | Single Receptacle Cover With Face Diameters Of 1.38"-1.4" (Wiremold #3027AE) | 30.18 | 9.55 |
| | 26 05 33 23-0239 | EA | Utility Box (Wiremold #3028) | 50.25 | 9.55 |
| | 26 05 33 23-0240 | EA | Single Receptacle Cover With Face Diameters Of 1.56"-1.57" (Wiremold #3033JE) | 16.14 | 2.52 |
| | 26 05 33 23-0241 | EA | Blank Cover (Wiremold #3036HE) | 17.62 | 2.52 |
| | 26 05 33 23-0242 | EA | Switch Cover (Wiremold #3040CE) | 16.10 | 2.52 |
| | 26 05 33 23-0243 | EA | Duplex Receptacle Cover (Wiremold #3043BE) | 19.25 | 3.02 |
| | 26 05 33 23-0244 | EA | 15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE) | 50.35 | 13.07 |
| | 26 05 33 23-0245 | EA | 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2) | 56.42 | 9.55 |
| | 26 05 33 23-0246 | EA | Duplex Receptacle Cover (Wiremold #3046BE) | 16.28 | 3.02 |
| | 26 05 33 23-0247 | EA | Tap Off Fitting (Wiremold #3046H-2) | 18.92 | 2.52 |
| | 26 05 33 23-0248 | EA | 1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD) | 74.97 | 6.03 |
| | 26 05 33 23-0249 | EA | 2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ) | 183.76 | 6.03 |
| | 26 05 33 23-0250 | EA | 1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU) | 65.21 | 6.03 |
| | 26 05 33 23-0251 | EA | 1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S) | 70.61 | 6.03 |
| | 26 05 33 23-0252 | EA | 1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U) | 70.61 | 6.03 |
| | 26 05 33 23-0253 | EA | Rectangular Receptacle Cover (Wiremold #3048R) | 22.36 | 3.02 |
| 26 05 33 23-0254 | | | 4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)* | | |
| | | | Note: Available in gray enamel (G) or ivory (V). | | |
| | 26 05 33 23-0255 | LF | 4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10) | 15.47 | 4.52 |
| | | | *For Concrete Or Masonry Surface, Add* | *0.49* | |
| | 26 05 33 23-0256 | LF | Raceway Cover (Wiremold #4000C) | 5.33 | 0.50 |
| | 26 05 33 23-0257 | LF | Divider (Wiremold #4000D) | 2.63 | 0.50 |
| | 26 05 33 23-0258 | EA | Wire Clips For Conductors (Wiremold #4000WC) | 5.87 | 2.52 |
| | 26 05 33 23-0259 | EA | Couplings (Wiremold #4001A) | 15.37 | 3.02 |
| | 26 05 33 23-0260 | EA | Divider Clip (Wiremold #4001D) | 7.39 | 3.02 |
| | 26 05 33 23-0261 | EA | Seam Clip (Wiremold #4006) | 7.51 | 3.02 |
| | 26 05 33 23-0262 | EA | Single Device Fitting (Wiremold #4007C-1R) | 30.02 | 6.53 |
| | 26 05 33 23-0263 | EA | Blank End Fittings (Wiremold #4010B) | 16.19 | 4.02 |
| | 26 05 33 23-0264 | EA | Entrance End Fitting (Wiremold #4010DFO) | 62.18 | 15.47 |
| | 26 05 33 23-0265 | EA | Flat 90 Degree Elbow (Wiremold #4011) | 57.51 | 12.57 |
| | 26 05 33 23-0266 | EA | Radiused Flat 90 Degree Elbow (Wiremold #4011FO) | 67.56 | 12.57 |
| | 26 05 33 23-0267 | EA | Internal Or External 45 Degree Elbow (Wiremold #4012TX) | 62.95 | 15.57 |
| | 26 05 33 23-0268 | EA | Wall Box Connector (Wiremold #4014A) | 83.04 | 15.57 |
| | 26 05 33 23-0269 | EA | Tee Fitting (Wiremold #4015) | 91.86 | 15.57 |
| | 26 05 33 23-0270 | EA | Divided Tee Fitting (Wiremold #4015D) | 95.41 | 15.57 |
| | 26 05 33 23-0271 | EA | Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO) | 113.44 | 15.57 |
| | 26 05 33 23-0272 | EA | Radiused Tee Fitting (Wiremold #4015FO) | 113.78 | 15.57 |
| | 26 05 33 23-0273 | EA | Internal Elbow (Wiremold #4017) | 51.63 | 15.57 |
| | 26 05 33 23-0274 | EA | Internal Elbow (Wiremold #4017FO) | 90.30 | 15.57 |
| | 26 05 33 23-0275 | EA | Inverted Internal Elbow (Wiremold #4017N) | 56.95 | 15.57 |
| | 26 05 33 23-0276 | EA | Internal Corner Coupling (Wiremold #4017TCA) | 48.82 | 15.57 |
| | 26 05 33 23-0277 | EA | External Elbow (Wiremold #4018) | 75.79 | 15.57 |
| | 26 05 33 23-0278 | EA | Radiused External Elbow (Wiremold #4018FO) | 87.54 | 15.57 |
| | 26 05 33 23-0279 | EA | Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover (Wiremold #4046ARJ) | 72.98 | 6.53 |
| | 26 05 33 23-0280 | EA | Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2) | 77.32 | 6.53 |
| | 26 05 33 23-0281 | EA | Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ) | 77.32 | 6.53 |
| | 26 05 33 23-0282 | EA | Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2) | 103.03 | 6.53 |
| | 26 05 33 23-0283 | EA | Tap-Off Fitting (Wiremold #4046H-2) | 22.45 | 6.53 |
| | 26 05 33 23-0284 | EA | Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ) | 65.94 | 3.02 |
| | 26 05 33 23-0285 | EA | Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ) | 79.12 | 6.53 |
| | 26 05 33 23-0286 | EA | 1 Gang Device Plate (Wiremold #G4047C-1) | 22.04 | 6.53 |
| | 26 05 33 23-0287 | EA | 2 Gang Device Plate (Wiremold #G4047C-2) | 25.59 | 6.53 |
| | 26 05 33 23-0288 | EA | Device Mounting Bracket (Wiremold #4050) | 24.89 | 5.02 |
| | 26 05 33 23-0289 | EA | #4000 To #3000 Take-off Connector (Wiremold #4074A) | 115.14 | 15.57 |
| | 26 05 33 23-0290 | EA | Bridge Fitting (Wiremold #4075D) | 104.00 | 15.57 |
| | 26 05 33 23-0291 | EA | Bridge Fitting (Wiremold #4075DA) | 104.00 | 15.57 |
| | 26 05 33 23-0292 | EA | Panel Connector (Wiremold #4086A) | 86.38 | 29.64 |
| | 26 05 33 23-0293 | EA | Reducing Connector Fitting (Wiremold #4089) | 52.74 | 15.57 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0294 | | 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)* | | |
| | | Note: Available in gray enamel (G) or ivory (V). | | |
| 26 05 33 23-0295 | LF | 4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10) | 22.25 | 5.53 |
| | | *For Concrete Or Masonry Surface, Add* | *0.55* | |
| 26 05 33 23-0296 | LF | Raceway Cover (Wiremold #6000C) | 6.35 | 1.50 |
| 26 05 33 23-0297 | LF | Divider (Wiremold #6000DA) | 6.62 | 1.50 |
| 26 05 33 23-0298 | EA | Wire Clips For Conductors (Wiremold #6000WC) | 6.73 | 2.52 |
| 26 05 33 23-0299 | EA | Couplings (Wiremold #6001A) | 18.85 | 5.02 |
| 26 05 33 23-0300 | EA | Divider Clip (Wiremold #6001D) | 8.68 | 2.52 |
| 26 05 33 23-0301 | EA | Converter Coupling (Wiremold #6001TX) | 23.97 | 6.53 |
| 26 05 33 23-0302 | EA | Connection Cover (Wiremold #6006) | 22.81 | 6.53 |
| 26 05 33 23-0303 | EA | Single Gang Device Plate (Wiremold #6007C-1) | 23.87 | 6.53 |
| 26 05 33 23-0304 | EA | Two Gang Device Plate (Wiremold #6007C-2) | 26.02 | 6.53 |
| 26 05 33 23-0305 | EA | C-Hanger (Wiremold #6008A) | 37.83 | 9.55 |
| 26 05 33 23-0306 | EA | Blank End Fittings (Wiremold #6010B) | 41.61 | 15.07 |
| 26 05 33 23-0307 | EA | Combination Flat Elbow (Wiremold #6011TX) | 75.86 | 15.07 |
| 26 05 33 23-0308 | EA | Internal-External 45 Degree Elbow (Wiremold #6012TX) | 77.02 | 14.47 |
| 26 05 33 23-0309 | EA | Connector Fitting (Wiremold #6014A) | 109.03 | 15.57 |
| 26 05 33 23-0310 | EA | Combination Internal-External Elbow (Wiremold #6017TX) | 78.84 | 17.08 |
| 26 05 33 23-0311 | EA | Circuit Breaker Housing (Wiremold #6046KD) | 135.21 | 17.08 |
| 26 05 33 23-0312 | EA | #6000 To #6000 Take-off Connector (Wiremold #6074) | 130.24 | 15.07 |
| 26 05 33 23-0313 | EA | #6000 To #4000 Take-off Connector (Wiremold #6074A) | 140.70 | 15.07 |
| 26 05 33 23-0314 | EA | Panel Connector (Wiremold #6086) | 89.65 | 34.97 |
| 26 05 33 23-0315 | | Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)* | | |
| | | Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal). | | |
| 26 05 33 23-0316 | | 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)* | | |
| 26 05 33 23-0317 | LF | 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B) | 10.09 | 2.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.25* | |
| 26 05 33 23-0318 | LF | Aluminum Raceway Cover (Wiremold #AL2000C) | 5.02 | 0.50 |
| 26 05 33 23-0319 | EA | Wire Clip (Wiremold #AL2000WC) | 4.91 | 2.01 |
| 26 05 33 23-0320 | EA | Coupling (Wiremold #AL2001) | 10.83 | 2.52 |
| 26 05 33 23-0321 | EA | Supporting Clip (Wiremold #AL2003) | 5.30 | 1.50 |
| 26 05 33 23-0322 | EA | Cover Clip (Wiremold #AL2006) | 6.72 | 1.50 |
| 26 05 33 23-0323 | EA | Ground Clamp (Wiremold #AL2009) | 9.61 | 2.52 |
| 26 05 33 23-0324 | EA | Entrance End Fitting (Wiremold #AL2010A) | 26.86 | 7.54 |
| 26 05 33 23-0325 | EA | Blank End Fitting (Wiremold #AL2010B) | 8.69 | 2.52 |
| 26 05 33 23-0326 | EA | Flat 90 Degree Elbow (Wiremold #AL2011) | 31.12 | 6.53 |
| 26 05 33 23-0327 | EA | Tee (Wiremold #AL2015) | 42.20 | 9.45 |
| 26 05 33 23-0328 | EA | Internal Corner Elbow (Wiremold #AL2017) | 28.15 | 5.02 |
| 26 05 33 23-0329 | EA | External Corner Elbow (Wiremold #AL2018) | 28.09 | 5.02 |
| 26 05 33 23-0330 | EA | 2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043) | 45.96 | 9.95 |
| 26 05 33 23-0331 | EA | 4-13/16" Round Fixture Box (Wiremold #AL2038) | 106.29 | 8.94 |
| 26 05 33 23-0332 | EA | 4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044) | 47.32 | 8.94 |
| 26 05 33 23-0333 | EA | 4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2) | 97.90 | 9.95 |
| 26 05 33 23-0334 | EA | Single Gang Shallow Device Box (Wiremold #AL2047) | 49.00 | 8.94 |
| 26 05 33 23-0335 | EA | 2-Gang Shallow Device Box (Wiremold #AL2047-2) | 86.56 | 9.95 |
| 26 05 33 23-0336 | EA | Flush Plate Adapter (Wiremold #AL2051H) | 37.16 | 9.95 |
| 26 05 33 23-0337 | | 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400) *(26 05 33 23-0315)* | | |
| 26 05 33 23-0338 | LF | 2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B) | 11.38 | 2.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.25* | |
| 26 05 33 23-0339 | LF | Aluminum Raceway Cover (Wiremold #AL2400C) | 5.23 | 0.50 |
| 26 05 33 23-0340 | EA | Wire Clip (Wiremold #AL2400WC) | 6.74 | 2.01 |
| 26 05 33 23-0341 | EA | Coupling (Wiremold #AL2401) | 12.57 | 2.52 |
| 26 05 33 23-0342 | EA | Cover Clip (Wiremold #AL2406) | 8.78 | 1.50 |
| 26 05 33 23-0343 | EA | Ground Clamp (Wiremold #AL2409) | 7.72 | 2.01 |
| 26 05 33 23-0344 | EA | Blank End (Wiremold #AL2410B) | 9.67 | 2.52 |
| 26 05 33 23-0345 | EA | End Fitting (Wiremold #AL2410B2) | 20.70 | 7.54 |
| 26 05 33 23-0346 | EA | Flat 90 Degree Elbow (Wiremold #AL2411) | 37.85 | 7.54 |
| 26 05 33 23-0347 | EA | Tee (Wiremold #AL2415) | 41.29 | 7.44 |
| 26 05 33 23-0348 | EA | Fourway Fitting (Wiremold #AL2416) | 48.51 | 7.44 |
| 26 05 33 23-0349 | EA | Internal Coupling (Wiremold #AL2417) | 37.71 | 7.44 |
| 26 05 33 23-0350 | EA | External Coupling (Wiremold #AL2418) | 40.62 | 7.44 |
| 26 05 33 23-0351 | EA | 4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H) | 33.76 | 7.54 |
| 26 05 33 23-0352 | | 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)* | | |
| 26 05 33 23-0353 | LF | 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B) | 19.34 | 4.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.45* | |
| 26 05 33 23-0354 | LF | Aluminum Raceway Cover (Wiremold #AL3300CE) | 5.67 | 0.50 |
| 26 05 33 23-0355 | LF | Raceway Divider (Wiremold #AL3300D) | 4.68 | 4.52 |
| 26 05 33 23-0356 | EA | Wire Clips For Conductors (Wiremold #AL3300WC) | 9.17 | 2.01 |
| 26 05 33 23-0357 | EA | Couplings (Wiremold #AL3301) | 16.72 | 2.01 |
| 26 05 33 23-0358 | EA | Divider Coupling (Wiremold #AL3301D) | 13.87 | 2.52 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0359 | EA | Ground Clamp (Wiremold #AL3309) | 9.33 | 2.01 |
| 26 05 33 23-0360 | EA | Blank End Fittings (Wiremold #AL3310B) | 19.42 | 4.02 |
| 26 05 33 23-0361 | EA | End Fitting (Wiremold #AL3310B1) | 31.62 | 9.55 |
| 26 05 33 23-0362 | EA | Flat 90 Degree Elbow (Wiremold #AL3311)<br>Note: Includes two (2) AL3301 couplings. | 95.75 | 12.46 |
| 26 05 33 23-0363 | EA | Tee Fitting (Wiremold #AL3315)<br>Note: Includes three (3) AL3301 couplings. | 109.87 | 15.57 |
| 26 05 33 23-0364 | EA | Cross Fitting (Wiremold #AL3316)<br>Note: Includes four (4) AL3301 couplings. | 124.21 | 15.57 |
| 26 05 33 23-0365 | EA | Internal Elbow (Wiremold #AL3317)<br>Note: Includes two (2) AL3301 couplings. | 89.66 | 9.55 |
| 26 05 33 23-0366 | EA | External Elbow (Wiremold #AL3318)<br>Note: Includes two (2) AL3301 couplings. | 89.76 | 9.55 |
| 26 05 33 23-0367 | EA | Duplex Receptacle Cover (Wiremold #AL3346D) | 19.92 | 3.02 |
| 26 05 33 23-0368 | EA | Single Receptacle Cover (Wiremold #AL3346E) | 19.79 | 3.02 |
| 26 05 33 23-0369 | EA | GFCI/Surge Receptacle Cover (Wiremold #AL3346G) | 19.58 | 3.02 |
| 26 05 33 23-0370 | EA | Single Device Cover Plate (Wiremold #AL3356R) | 19.58 | 2.52 |

## 26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0372 | LF | 5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10) | 25.29 | 4.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.49* | |
| 26 05 33 23-0373 | LF | Aluminum Raceway Cover (Wiremold #AL5200C) | 10.58 | 0.50 |
| 26 05 33 23-0374 | LF | Divider (Wiremold #AL5200D) | 6.17 | 0.50 |
| 26 05 33 23-0375 | EA | Wire Clips For Conductors (Wiremold #AL5200WC) | 8.39 | 2.52 |
| 26 05 33 23-0376 | EA | Wire Clips For Conductors (Wiremold #AL5200WC2) | 7.00 | 2.52 |
| 26 05 33 23-0377 | EA | Wire Clips For Conductors (Wiremold #AL5200WC3) | 6.95 | 2.52 |
| 26 05 33 23-0378 | EA | Couplings (Wiremold #AL5201) | 16.13 | 3.02 |
| 26 05 33 23-0379 | EA | Cover Clip (Wiremold #AL5206) | 14.46 | 3.02 |
| 26 05 33 23-0380 | EA | Ground Adapter (Wiremold #AL5209) | 17.88 | 3.02 |
| 26 05 33 23-0381 | EA | Blank End Fittings (Wiremold #AL5210B) | 18.99 | 4.02 |
| 26 05 33 23-0382 | EA | Blank End Fittings (Wiremold #AL5210B1) | 20.43 | 4.02 |
| 26 05 33 23-0383 | EA | Blank End Fittings (Wiremold #AL5210B2) | 20.75 | 4.02 |
| 26 05 33 23-0384 | EA | Blank End Fittings (Wiremold #AL5210B3) | 20.10 | 4.02 |
| 26 05 33 23-0385 | EA | Flat 90 Degree Elbow (Wiemold #AL5211)<br>Note: Includes two (2) pairs of AL5201 couplings. | 106.38 | 12.57 |
| 26 05 33 23-0386 | EA | Wall Box Connector (Wiremold #AL5214) | 82.72 | 15.57 |
| 26 05 33 23-0387 | EA | Tee Fitting (Wiremold #AL5215)<br>Note: Includes three (3) pairs of AL5201 couplings. | 124.34 | 15.57 |
| 26 05 33 23-0388 | EA | Four Way Fitting (Wiremold #AL5216)<br>Note: Includes four (4) pairs of AL5201 couplings. | 136.66 | 15.57 |
| 26 05 33 23-0389 | EA | Internal Elbow (Wiremold #AL5217)<br>Note: Includes two (2) pairs of AL5201 couplings. | 110.01 | 15.57 |
| 26 05 33 23-0390 | EA | Internal Corner Coupling (Wiremold #AL5217A) | 45.17 | 15.57 |
| 26 05 33 23-0391 | EA | Inverted Internal Elbow (Wiremold #AL5217N) | 113.14 | 15.57 |
| 26 05 33 23-0392 | EA | External Elbow (Wiremold #AL5218)<br>Note: Includes two (2) pairs of AL5201 couplings. | 110.98 | 15.57 |
| 26 05 33 23-0393 | EA | Blank Device Cover Plate (Wiremold #AL5246B) | 23.85 | 3.02 |
| 26 05 33 23-0394 | EA | Receptacle Device Cover Plate (Wiremold #AL5246D) | 28.35 | 3.02 |
| 26 05 33 23-0395 | EA | Double Receptacle Device Cover Plate (Wiremold #AL5246DD) | 33.74 | 3.02 |
| 26 05 33 23-0396 | EA | Device Cover Plate (Wiremold #AL5246F) | 31.62 | 3.02 |
| 26 05 33 23-0397 | EA | Device Cover Plate (Wiremold #AL5246G) | 29.15 | 3.02 |
| 26 05 33 23-0398 | EA | Offset Divider (Wiremold #AL5260) | 26.95 | 6.53 |

## 26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)

*(26 05 33 23-0315)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0400 | LF | Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10) | 20.37 | 4.52 |
| 26 05 33 23-0401 | EA | Cover Clip (Wiremold #ALA3806) | 9.86 | 3.02 |
| 26 05 33 23-0402 | EA | Blank End Fittings (Wiremold #ALA3810B) | 17.07 | 4.02 |
| 26 05 33 23-0403 | EA | Entrance End Cap Fittings (Wiremold #ALA3810B1) | 18.29 | 4.02 |
| 26 05 33 23-0404 | EA | Flat 90 Degree Elbow (Wiremold #ALA3811)<br>Note: Includes two (2) ALA01 couplings. | 92.27 | 12.57 |
| 26 05 33 23-0405 | EA | Flat Tee Fitting (Wiremold #ALA3815)<br>Note: Includes three (3) ALA01 couplings. | 95.67 | 15.57 |
| 26 05 33 23-0406 | EA | Internal Elbow (Wiremold #ALA3817)<br>Note: Includes two (2) ALA01 couplings. | 93.35 | 15.57 |
| 26 05 33 23-0407 | EA | Inverted Internal Elbow (Wiremold #ALA3817N)<br>Note: Includes two (2) ALA01 couplings. | 109.39 | 15.57 |
| 26 05 33 23-0408 | EA | External Elbow (Wiremold #ALA3818)<br>Note: Includes two (2) ALA01 couplings. | 94.54 | 15.57 |

## 26 05 33 23-0409 6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)

*(26 05 33 23-0315)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0410 | LF | Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10) | 34.22 | 4.52 |
| 26 05 33 23-0411 | EA | Cover Clip (Wiremold #ALA4806) | 14.73 | 3.02 |
| 26 05 33 23-0412 | EA | Blank End Fittings (Wiremold #ALA4810B) | 19.29 | 4.02 |
| 26 05 33 23-0413 | EA | Entrance End Cap Fittings (Wiremold #ALA4810B2) | 21.51 | 4.02 |
| 26 05 33 23-0414 | EA | Flat 90 Degree Elbow (Wiremold #ALA4811)<br>Note: Includes four (4) ALA01 couplings. | 126.72 | 12.57 |
| 26 05 33 23-0415 | EA | Flat Tee Fitting (Wiremold #ALA4815)<br>Note: Includes six (6) ALA01 couplings. | 173.58 | 15.57 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0416 | EA | Internal Elbow (Wiremold #ALA4817)<br>Note: Includes four (4) ALA01 couplings. | 116.79 | 15.57 |
| 26 05 33 23-0417 | EA | Inverted Internal Elbow (Wiremold #ALA4817N)<br>Note: Includes four (4) ALA01 couplings. | 137.71 | 15.57 |
| 26 05 33 23-0418 | EA | External Elbow (Wiremold #ALA4818)<br>Note: Includes four (4) ALA01 couplings. | 122.68 | 15.57 |
| 26 05 33 23-0419 | | Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) *(26 05 33 23-0315)*<br>See CSI section 26 27 26 00-0010 for receptacles. | | |
| 26 05 33 23-0420 | LF | 3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5)<br>Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway. | 7.38 | 0.50 |
| 26 05 33 23-0421 | EA | Wire Clips (Wiremold #ALAWC) | 6.61 | 2.52 |
| 26 05 33 23-0422 | EA | Slide Couplings (Wiremold #ALA01) | 16.49 | 3.02 |
| 26 05 33 23-0423 | EA | Grounding Adapter (Wiremold #ALA09) | 14.03 | 3.02 |
| 26 05 33 23-0424 | EA | Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI) | 38.13 | 12.57 |
| 26 05 33 23-0425 | EA | Internal Corner Coupling (Wiremold #ALA17A) | 45.45 | 15.57 |
| 26 05 33 23-0426 | EA | Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI) | 42.55 | 12.57 |
| 26 05 33 23-0427 | EA | Blank Cover Plate (Wiremold #ALA-BL) | 17.93 | 3.02 |
| 26 05 33 23-0428 | EA | Duplex Receptacle Cover Plate (Wiremold #ALA-DR) | 19.14 | 3.02 |
| 26 05 33 23-0429 | EA | Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E) | 19.94 | 3.02 |
| 26 05 33 23-0430 | EA | Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F) | 20.88 | 3.02 |
| 26 05 33 23-0431 | EA | GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G) | 19.30 | 3.02 |
| 26 05 33 23-0432 | EA | Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J) | 19.95 | 3.02 |
| 26 05 33 23-0433 | EA | Toggle Switch Cover Plate (Wiremold #ALA-N) | 20.48 | 3.02 |
| 26 05 33 23-0434 | EA | Active LPB Cover Plate (Wiremold #ALA-LPB) | 26.34 | 3.02 |
| 26 05 33 23-0435 | EA | Active MAB Cover Plate (Wiremold #ALA-MAB) | 24.74 | 3.02 |
| 26 05 33 23-0436 | EA | Ortronics Cover Plate (Wiremold #ALA-MABRT) | 28.56 | 3.02 |
| 26 05 33 23-0437 | EA | 1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG) | 19.93 | 3.02 |
| 26 05 33 23-0438 | EA | Active 2A Cover Plate (Wiremold #ALA-2A) | 27.58 | 3.02 |
| 26 05 33 23-0439 | EA | Ortronics Communications Cover Plate (Wiremold #ALA-ABRT) | 25.21 | 3.02 |
| 26 05 33 23-0440 | EA | 3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z) | 20.43 | 3.02 |
| 26 05 33 23-0441 | EA | Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2) | 25.44 | 3.02 |
| 26 05 33 23-0442 | | Surface Non-Metallic Raceways *(26 05 33 23-0001)*<br>Note: Exposed on flat wall surface. | | |
| 26 05 33 23-0443 | | One Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)*<br>Note: Exposed on flat wall surface. (Wiremold or approved equal). | | |
| 26 05 33 23-0444 | | 7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400) *(26 05 33 23-0443)* | | |
| 26 05 33 23-0445 | LF | 7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC) | 6.45 | 2.01 |
| | | *For Concrete Or Masonry Surface, Add* | *0.20* | |
| 26 05 33 23-0446 | EA | Wire Clip (Wiremold #400WC) | 4.53 | 2.01 |
| 26 05 33 23-0447 | EA | Cover Clip (Wiremold #406) | 4.86 | 2.01 |
| 26 05 33 23-0448 | EA | Blank End Clip (Wiremold #410B) | 9.24 | 4.02 |
| 26 05 33 23-0449 | EA | Flat 90 Degree Elbow (Wiremold #411) | 11.25 | 4.02 |
| 26 05 33 23-0450 | EA | Tee (Wiremold #415) | 14.18 | 5.02 |
| 26 05 33 23-0451 | EA | Internal Elbow (Wiremold #417) | 10.99 | 4.02 |
| 26 05 33 23-0452 | EA | External Elbow (Wiremold #418) | 10.99 | 4.02 |
| 26 05 33 23-0453 | | 1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800) *(26 05 33 23-0443)* | | |
| 26 05 33 23-0454 | LF | 1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC) | 6.81 | 2.01 |
| | | *For Concrete Or Masonry Surface, Add* | *0.20* | |
| 26 05 33 23-0455 | EA | Wire Clip (Wiremold #800WC) | 4.48 | 2.01 |
| 26 05 33 23-0456 | EA | Cover Clip (Wiremold #806) | 4.59 | 2.01 |
| 26 05 33 23-0457 | EA | Entrance End Fitting (Wiremold #810A2) | 14.24 | 4.02 |
| 26 05 33 23-0458 | EA | Blank End Fitting (Wiremold #810B) | 9.04 | 4.02 |
| 26 05 33 23-0459 | EA | Flat 90 Degree Elbow (Wiremold #811) | 10.55 | 4.02 |
| 26 05 33 23-0460 | EA | Tee (Wiremold #815) | 13.25 | 5.02 |
| 26 05 33 23-0461 | EA | Internal Elbow (Wiremold #817) | 10.33 | 4.02 |
| 26 05 33 23-0462 | EA | External Elbow (Wiremold #818) | 10.33 | 4.02 |
| 26 05 33 23-0463 | EA | End Reducer, #800 To #400 (Wiremold #889A) | 11.75 | 4.02 |
| 26 05 33 23-0464 | | 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300) *(26 05 33 23-0443)* | | |
| 26 05 33 23-0465 | LF | 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC) | 7.82 | 2.01 |
| | | *For Concrete Or Masonry Surface, Add* | *0.20* | |
| 26 05 33 23-0466 | LF | 2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD) | 8.34 | 2.01 |
| | | *For Concrete Or Masonry Surface, Add* | *0.20* | |
| 26 05 33 23-0467 | EA | Wire Clip (Wiremold #2300WC) | 4.70 | 2.01 |
| 26 05 33 23-0468 | EA | Cover Clip (Wiremold #2306) | 4.97 | 2.01 |
| 26 05 33 23-0469 | EA | Entrance End Fitting (Wiremold #2310A) | 15.38 | 4.02 |
| 26 05 33 23-0470 | EA | Blank End Fitting (Wiremold #2310B) | 9.53 | 4.02 |
| 26 05 33 23-0471 | EA | Divided Entrance End Fitting (Wiremold #2310DFO) | 17.37 | 4.02 |
| 26 05 33 23-0472 | EA | Flat 90 Degree Elbow (Wiremold #2311) | 10.70 | 4.02 |
| 26 05 33 23-0473 | EA | Divided Flat 90 Degree Elbow (Wiremold #2311DFO) | 11.55 | 4.02 |
| 26 05 33 23-0474 | EA | Tee (Wiremold #2315) | 13.31 | 5.02 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0475 | EA | Internal Elbow (Wiremold #2317) | 10.70 | 4.02 |
| 26 05 33 23-0476 | EA | Divided Internal Elbow (Wiremold #2317DFO) | 11.56 | 4.02 |
| 26 05 33 23-0477 | EA | External Elbow (Wiremold #2318) | 10.73 | 4.02 |
| 26 05 33 23-0478 | EA | Divided External Elbow (Wiremold #2318DFO) | 11.71 | 4.02 |
| 26 05 33 23-0479 | EA | End Reducer, #2300 To #400 (Wiremold #2389) | 11.73 | 4.02 |
| 26 05 33 23-0480 | EA | End Reducer, #2300 To #800 (Wiremold #2389A) | 12.27 | 4.02 |
| 26 05 33 23-0481 | | One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300) *(26 05 33 23-0443)* | | |
| 26 05 33 23-0482 | EA | Blank Cover, 4-1/2" Diameter (Wiremold #2336) | 13.19 | 3.52 |
| 26 05 33 23-0483 | EA | Extension Box, 5-1/2" Diameter (Wiremold #2337A) | 21.90 | 4.02 |
| 26 05 33 23-0484 | EA | -A Fixture Box, 5-1/2" Diameter (Wiremold #233) | 22.03 | 4.02 |
| 26 05 33 23-0485 | EA | Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344) | 19.82 | 4.02 |
| 26 05 33 23-0486 | EA | Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2) | 23.07 | 4.02 |
| 26 05 33 23-0487 | EA | Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D) | 21.65 | 4.02 |
| 26 05 33 23-0488 | EA | Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A) | 23.57 | 4.02 |
| 26 05 33 23-0489 | EA | 1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347) | 19.41 | 6.53 |
| 26 05 33 23-0490 | EA | 2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2) | 22.26 | 6.53 |
| 26 05 33 23-0491 | EA | 1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348) | 20.24 | 6.53 |
| 26 05 33 23-0492 | EA | 2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2) | 24.55 | 6.53 |
| 26 05 33 23-0493 | EA | 3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3) | 29.55 | 6.53 |
| 26 05 33 23-0494 | EA | 1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP) | 27.96 | 6.53 |
| 26 05 33 23-0495 | EA | 1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D) | 25.23 | 6.53 |
| 26 05 33 23-0496 | EA | Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51) | 18.98 | 6.53 |
| 26 05 33 23-0497 | | 3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700) *(26 05 33 23-0443)* | | |
| 26 05 33 23-0498 | LF | 3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700) | 5.65 | 2.01 |
| | | *For Concrete Or Masonry Surface, Add* | *0.20* | |
| 26 05 33 23-0499 | EA | 3/4" Wire Clip (Wiremold #2700WC) | 2.36 | 1.00 |
| 26 05 33 23-0500 | EA | Cover Clip (Wiremold #2706) | 3.74 | 1.00 |
| 26 05 33 23-0501 | EA | Blank End (Wiremold #2710B) | 5.73 | 2.01 |
| 26 05 33 23-0502 | EA | Flat 90 Degree Elbow (Wiremold #2711) | 6.78 | 2.52 |
| 26 05 33 23-0503 | EA | Tee (Wiremold #2715) | 10.82 | 4.52 |
| 26 05 33 23-0504 | EA | Internal Elbow (Wiremold #2717) | 7.79 | 3.02 |
| 26 05 33 23-0505 | EA | External Elbow (Wiremold #2718) | 7.77 | 3.02 |
| 26 05 33 23-0506 | EA | Drop Ceiling Connector (Wiremold #2786) | 9.19 | 3.52 |
| 26 05 33 23-0507 | | 1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800) *(26 05 33 23-0443)* | | |
| 26 05 33 23-0508 | LF | 1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800) | 7.07 | 2.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.25* | |
| 26 05 33 23-0509 | EA | 1" Wire Clip (Wiremold #2800WC) | 3.46 | 1.50 |
| 26 05 33 23-0510 | EA | Cover Clip (Wiremold #2806) | 4.68 | 1.50 |
| 26 05 33 23-0511 | EA | Blank End (Wiremold #2810B) | 6.68 | 2.52 |
| 26 05 33 23-0512 | EA | Flat 90 Degree Elbow (Wiremold #2811) | 8.77 | 3.52 |
| 26 05 33 23-0513 | EA | Radiused Flat 90 Degree Elbow (Wiremold #2811FO) | 9.36 | 3.52 |
| 26 05 33 23-0514 | EA | Radiused Flat 90 Degree Elbow (Wiremold #2911FO) | 10.80 | 4.02 |
| 26 05 33 23-0515 | EA | Tee (Wiremold #2815) | 12.79 | 5.53 |
| 26 05 33 23-0516 | EA | Internal Elbow (Wiremold #2817) | 9.75 | 4.02 |
| 26 05 33 23-0517 | EA | External Elbow (Wiremold #2818) | 9.78 | 4.02 |
| 26 05 33 23-0518 | EA | Radiused Tee (Wiremold #2815FO) | 13.59 | 5.53 |
| 26 05 33 23-0519 | EA | Radiused Internal Elbow (Wiremold #2817FO) | 10.48 | 4.02 |
| 26 05 33 23-0520 | EA | Radiused External Elbow (Wiremold #2818FO) | 10.37 | 4.02 |
| 26 05 33 23-0521 | EA | Drop Ceiling Connector (Wiremold #2886) | 11.01 | 4.52 |
| 26 05 33 23-0522 | EA | Reducer, #2800 To #2700 (Wiremold #2889) | 9.92 | 4.02 |
| 26 05 33 23-0523 | | 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900) *(26 05 33 23-0443)* | | |
| 26 05 33 23-0524 | LF | 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900) | 8.62 | 3.02 |
| | | *For Concrete Or Masonry Surface, Add* | *0.30* | |
| 26 05 33 23-0525 | EA | 1-1/2" Wire Clip (Wiremold #2900WC) | 4.57 | 2.01 |
| 26 05 33 23-0526 | EA | Cover Clip (Wiremold #2906) | 5.82 | 2.01 |
| 26 05 33 23-0527 | EA | Blank End (Wiremold #2910B) | 7.83 | 3.02 |
| 26 05 33 23-0528 | EA | Flat 90 Degree Elbow (Wiremold #2911) | 9.85 | 4.02 |
| 26 05 33 23-0529 | EA | Tee (Wiremold #2915) | 13.86 | 6.03 |
| 26 05 33 23-0530 | EA | Radiused Tee (Wiremold #2915FO) | 14.84 | 6.03 |
| 26 05 33 23-0531 | EA | Internal Elbow (Wiremold #2917) | 10.86 | 4.52 |
| 26 05 33 23-0532 | EA | Radiused Internal Elbow (Wiremold #2917FO) | 11.85 | 4.52 |
| 26 05 33 23-0533 | EA | Radiused External Elbow (Wiremold #2918FO) | 12.13 | 4.52 |
| 26 05 33 23-0534 | EA | External Elbow (Wiremold #2918) | 10.85 | 4.52 |
| 26 05 33 23-0535 | EA | Drop Ceiling Connector (Wiremold #2986) | 11.02 | 4.52 |
| 26 05 33 23-0536 | EA | Reducer, #2900 To #2800 (Wiremold #2989) | 12.24 | 5.02 |
| 26 05 33 23-0537 | EA | Reducer, #2900 To #2700 (Wiremold #2989A) | 11.91 | 5.02 |
| 26 05 33 23-0538 | | Two Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)* | | |
| | | Note: Exposed on flat wall surface. (Wiremold or approved equal). | | |
| 26 05 33 23-0539 | | 5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) *(26 05 33 23-0538)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0540 | LF | 5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B) | 13.72 | 4.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.45* | |
| 26 05 33 23-0541 | LF | Black, Gray Or White, Cover (Wiremold #5000C) | 13.01 | 4.52 |
| 26 05 33 23-0542 | LF | Oak Veneer, Cover (Wiremold #5000COA) | 25.12 | 4.52 |
| 26 05 33 23-0543 | LF | Maple Wood Veneer, Cover (Wiremold #5000CW) | 20.33 | 4.52 |
| 26 05 33 23-0544 | LF | Black, Gray Or White, Quarter Round Trim (Wiremold #5000T) | 1.86 | 0.50 |
| 26 05 33 23-0545 | LF | Oak Veneer, Quarter Round Trim (Wiremold #5000TOA) | 7.94 | 0.50 |
| 26 05 33 23-0546 | LF | Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW) | 4.89 | 0.50 |
| 26 05 33 23-0547 | EA | Base Coupling (Wiremold #5001) | 12.51 | 5.02 |
| 26 05 33 23-0548 | EA | Blank/Coax Adapter (Wiremold #5004) | 7.06 | 2.52 |
| 26 05 33 23-0549 | EA | Low Voltage Blank Plate (Wiremold #5005) | 9.49 | 3.02 |
| 26 05 33 23-0550 | EA | Cover Clip (Wiremold #5006) | 13.53 | 5.02 |
| 26 05 33 23-0551 | EA | Internal Wire Guard (Wiremold #5006A) | 12.60 | 5.02 |
| 26 05 33 23-0552 | EA | Device Bracket (Wiremold #5007C) | 14.50 | 5.02 |
| 26 05 33 23-0553 | EA | Device Plate (Wiremold #5007C-1) | 26.11 | 10.05 |
| 26 05 33 23-0554 | EA | Deep Device Plate (Wiremold #5007C-2) | 27.09 | 10.05 |
| 26 05 33 23-0555 | EA | Right Or Left End Cap (Wiremold #5010) | 22.61 | 9.55 |
| 26 05 33 23-0556 | EA | Entrance End Feed (Wiremold #5010A) | 44.37 | 15.57 |
| 26 05 33 23-0557 | EA | Internal Base Elbow (Wiremold #5017B) | 30.52 | 12.57 |
| 26 05 33 23-0558 | EA | Internal Cover Elbow (Wiremold #5017C) | 27.74 | 10.05 |
| 26 05 33 23-0559 | EA | Internal Elbow Wire Guard (Wiremold #5017WG) | 18.90 | 7.54 |
| 26 05 33 23-0560 | EA | External Base Elbow (Wiremold #5018B) | 30.46 | 12.57 |
| 26 05 33 23-0561 | EA | External Cover Elbow (Wiremold #5018C) | 28.00 | 10.05 |
| 26 05 33 23-0562 | EA | External Elbow Wire Guard (Wiremold #5018WG) | 12.34 | 5.02 |

## 26 05 33 23-0563 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) *(26 05 33 23-0538)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0564 | LF | 5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB) | 14.68 | 4.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.45* | |
| 26 05 33 23-0565 | LF | Full Width Cover (Wiremold #5400C) | 5.13 | 0.50 |
| 26 05 33 23-0566 | LF | Twin Snap Cover (Wiremold #5400TC) | 3.29 | 0.50 |
| 26 05 33 23-0567 | EA | Twin Snap Cover Wire Clips (Wiremold #5400TWC) | 5.62 | 2.52 |
| 26 05 33 23-0568 | EA | Cover Clip (Wiremold #5406A) | 9.53 | 3.02 |
| 26 05 33 23-0569 | EA | Twin Cover Clip (Wiremold #5406T) | 8.01 | 3.02 |
| 26 05 33 23-0570 | EA | Base Seam Clip (Wiremold #5406TB) | 7.16 | 3.02 |
| 26 05 33 23-0571 | EA | L Or R (Left Or Right) Transition Fitting (Wiremold #5408) | 54.36 | 15.57 |
| 26 05 33 23-0572 | EA | End Cap (Wiremold #5410) | 26.53 | 9.55 |
| 26 05 33 23-0573 | EA | Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO) | 52.16 | 15.57 |
| 26 05 33 23-0574 | EA | Radiused Flat 90 Degree Elbow (Wiremold #5411FO) | 47.63 | 12.57 |
| 26 05 33 23-0575 | EA | Tee Fitting (Wiremold #5415) | 54.90 | 15.57 |
| 26 05 33 23-0576 | EA | Radiused Tee Fitting (Wiremold #5415FO) | 57.51 | 15.57 |
| 26 05 33 23-0577 | EA | Radiused Internal Elbow (Wiremold #5417FO) | 45.31 | 15.57 |
| 26 05 33 23-0578 | EA | External Elbow (Wiremold #5418) | 45.97 | 15.57 |
| 26 05 33 23-0579 | EA | Radiused External Elbow (Wiremold #5418FO) | 46.57 | 15.57 |
| 26 05 33 23-0580 | EA | 5-5/32" x 6" Device Bracket (Wiremold #5450) | 22.03 | 5.02 |
| 26 05 33 23-0581 | EA | 7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3) | 29.16 | 5.02 |
| 26 05 33 23-0582 | EA | 2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T) | 16.76 | 5.02 |
| 26 05 33 23-0583 | EA | Transition Fitting (Wiremold #5474) | 47.79 | 15.57 |

## 26 05 33 23-0584 6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) *(26 05 33 23-0538)*

| | | | | |
|---|---|---|---|---|
| 26 05 33 23-0585 | LF | 6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3) | 18.36 | 4.52 |
| | | *For Concrete Or Masonry Surface, Add* | *0.45* | |
| 26 05 33 23-0586 | LF | Cover (Wiremold #5500C) | 6.72 | 0.50 |
| 26 05 33 23-0587 | EA | Wire Clips (Wiremold #5500WC) | 6.57 | 2.52 |
| 26 05 33 23-0588 | EA | Cover Clip (Wiremold #5506) | 10.71 | 3.02 |
| 26 05 33 23-0589 | EA | Base Seam Clip Fitting (Wiremold #5506B) | 7.55 | 3.02 |
| 26 05 33 23-0590 | EA | Modular Furniture Adapter (Wiremold #5507AD) | 9.97 | 3.02 |
| 26 05 33 23-0591 | EA | Blank Faceplate (Wiremold #5507B) | 10.01 | 3.02 |
| 26 05 33 23-0592 | EA | Duplex Receptacle Faceplate (Wiremold #5507D) | 10.07 | 3.02 |
| 26 05 33 23-0593 | EA | Dual RJ Connector Faceplate (Wiremold #5507FRJ) | 10.07 | 3.02 |
| 26 05 33 23-0594 | EA | Rectangular Receptacle Faceplate (Wiremold #5507R) | 9.96 | 3.02 |
| 26 05 33 23-0595 | EA | Dual RJ Connector Faceplate (Wiremold #5507RJ) | 9.99 | 3.02 |
| 26 05 33 23-0596 | EA | Rectangular Spacer Fitting (Wiremold #5507S) | 9.91 | 3.02 |
| 26 05 33 23-0597 | EA | Switch Faceplate (Wiremold #5507SW) | 9.93 | 3.02 |
| 26 05 33 23-0598 | EA | Twistlock Faceplate (Wiremold #5507T1) | 10.01 | 3.02 |
| 26 05 33 23-0599 | EA | Single Receptacle Faceplate (Wiremold #5507T2) | 9.80 | 3.02 |
| 26 05 33 23-0600 | EA | 6-5/8" x 6" Device Bracket (Wiremold #5550) | 26.32 | 5.02 |
| 26 05 33 23-0601 | EA | 9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4) | 35.47 | 5.02 |
| 26 05 33 23-0602 | EA | End Cap (Wiremold #5510) | 28.80 | 9.55 |
| 26 05 33 23-0603 | EA | Entrance End Fitting (Wiremold #5510D) | 59.40 | 15.57 |
| 26 05 33 23-0604 | EA | Radiused Flat 90 Degree Elbow (Wiremold #5511FO) | 54.29 | 12.57 |
| 26 05 33 23-0605 | EA | Backfeed Connector (Wiremold #5514A) | 43.48 | 12.57 |
| 26 05 33 23-0606 | EA | Tee Fitting (Wiremold #5515) | 62.46 | 15.57 |
| 26 05 33 23-0607 | EA | Radiused Internal Elbow (Wiremold #5517FO) | 49.94 | 15.57 |
| 26 05 33 23-0608 | EA | External Elbow (Wiremold #5518) | 51.19 | 15.57 |
| 26 05 33 23-0609 | EA | Radiused External Elbow (Wiremold #5518FO) | 53.83 | 15.57 |
| 26 05 33 23-0610 | EA | Transition Fitting (Wiremold #5574) | 48.67 | 15.57 |
| 26 05 33 23-0611 | EA | Transition Fitting (Wiremold #5574A) | 65.78 | 15.57 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 33 23-0612 | | **Surface Cable Protection System** *(26 05 33 23)* | | |
| 26 05 33 23-0613 | EA | 35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-3) | 545.71 | |
| | | Note: Modular interlocking design with hinged lid. | | |
| 26 05 33 23-0614 | EA | 35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-5) | 411.53 | |
| | | Note: Modular interlocking design with hinged lid. | | |

## 26 05 36 Cable Trays for Electrical Systems *(26 05)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0001 | | **Cable Trays** *(26 05 36)* | | |
| | | Note: Excludes supporting hangers. | | |
| 26 05 36 00-0002 | | **Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0001)* | | |
| 26 05 36 00-0003 | | **4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0002)* | | |
| 26 05 36 00-0004 | | **4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)* | | |
| 26 05 36 00-0005 | LF | 6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 38.17 | 10.56 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.94* | |
| 26 05 36 00-0006 | LF | 9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 41.25 | 11.33 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.18* | |
| 26 05 36 00-0007 | LF | 12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 45.10 | 12.21 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.49* | |
| 26 05 36 00-0008 | LF | 18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 50.27 | 12.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.95* | |
| 26 05 36 00-0009 | LF | 24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 55.28 | 13.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.41* | |
| 26 05 36 00-0010 | LF | 30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 67.43 | 15.51 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-5.46* | |
| 26 05 36 00-0011 | LF | 36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 75.64 | 17.71 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-6.09* | |
| 26 05 36 00-0012 | | **6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)* | | |
| 26 05 36 00-0013 | LF | 6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 35.95 | 10.34 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.73* | |
| 26 05 36 00-0014 | LF | 9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 38.92 | 11.00 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.97* | |
| 26 05 36 00-0015 | LF | 12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 41.52 | 11.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.15* | |
| 26 05 36 00-0016 | LF | 18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 45.57 | 12.65 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.51* | |
| 26 05 36 00-0017 | LF | 24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 49.18 | 13.09 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.83* | |
| 26 05 36 00-0018 | LF | 30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 57.84 | 15.07 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.53* | |
| 26 05 36 00-0019 | LF | 36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 63.20 | 16.50 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.94* | |
| 26 05 36 00-0020 | | **9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)* | | |
| 26 05 36 00-0021 | LF | 6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 34.62 | 10.22 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.61* | |
| 26 05 36 00-0022 | LF | 9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 35.65 | 10.56 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.68* | |
| 26 05 36 00-0023 | LF | 12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 39.32 | 11.22 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.00* | |
| 26 05 36 00-0024 | LF | 18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 43.10 | 11.77 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.33* | |
| 26 05 36 00-0025 | LF | 24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 46.79 | 12.10 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.67* | |
| 26 05 36 00-0026 | LF | 30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 51.01 | 13.20 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.01* | |
| 26 05 36 00-0027 | LF | 36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 54.79 | 14.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.29* | |
| 26 05 36 00-0028 | | **12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)* | | |
| 26 05 36 00-0029 | LF | 6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 33.59 | 9.79 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.54* | |
| 26 05 36 00-0030 | LF | 9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 34.29 | 10.00 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.60* | |
| 26 05 36 00-0031 | LF | 12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 36.32 | 10.56 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.75* | |
| 26 05 36 00-0032 | LF | 18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 38.48 | 11.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.93* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0033 | LF | 24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 40.13 | 11.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.09* | |
| 26 05 36 00-0034 | LF | 30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 44.38 | 11.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.44* | |
| 26 05 36 00-0035 | LF | 36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 46.76 | 12.54 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.63* | |
| **26 05 36 00-0036** | | **18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)* | | |
| 26 05 36 00-0037 | LF | 6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 33.15 | 9.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.51* | |
| 26 05 36 00-0038 | LF | 9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 33.72 | 9.79 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.56* | |
| 26 05 36 00-0039 | LF | 12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 35.74 | 10.34 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.71* | |
| 26 05 36 00-0040 | LF | 18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 37.54 | 10.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.85* | |
| 26 05 36 00-0041 | LF | 24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 38.17 | 10.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.91* | |
| 26 05 36 00-0042 | LF | 30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 40.54 | 11.66 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.08* | |
| 26 05 36 00-0043 | LF | 36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray | 42.29 | 12.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.20* | |
| **26 05 36 00-0044** | | **4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-0002)* | | |
| **26 05 36 00-0045** | | **12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)* | | |
| 26 05 36 00-0046 | EA | 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 294.89 | 110.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.30* | |
| 26 05 36 00-0047 | EA | 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 329.32 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.46* | |
| 26 05 36 00-0048 | EA | 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 361.93 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.62* | |
| 26 05 36 00-0049 | EA | 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 453.04 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.12* | |
| 26 05 36 00-0050 | EA | 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 516.22 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.33* | |
| 26 05 36 00-0051 | EA | 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 617.00 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.37* | |
| 26 05 36 00-0052 | EA | 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 711.73 | 251.44 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.22* | |
| **26 05 36 00-0053** | | **24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)* | | |
| 26 05 36 00-0054 | EA | 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 420.43 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.48* | |
| 26 05 36 00-0055 | EA | 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 456.07 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.62* | |
| 26 05 36 00-0056 | EA | 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 489.50 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.73* | |
| 26 05 36 00-0057 | EA | 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 567.98 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.62* | |
| 26 05 36 00-0058 | EA | 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 635.95 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.99* | |
| 26 05 36 00-0059 | EA | 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 708.22 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.84* | |
| 26 05 36 00-0060 | EA | 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 829.67 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.82* | |
| **26 05 36 00-0061** | | **36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)* | | |
| 26 05 36 00-0062 | EA | 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 453.73 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0063 | EA | 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 499.26 | 138.81 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.36* | |
| 26 05 36 00-0064 | EA | 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 539.26 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.98* | |
| 26 05 36 00-0065 | EA | 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 646.68 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.38* | |
| 26 05 36 00-0066 | EA | 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 735.07 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.38* | |
| 26 05 36 00-0067 | EA | 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 863.11 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.31* | |
| 26 05 36 00-0068 | EA | 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 978.81 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.04* | |

### 26 05 36 00-0069 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0070 | EA | 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 219.61 | 79.96 |
| | | *For 60 Degree Bend, Deduct* | *-41.83* | |
| | | *For 30 Degree Bend, Deduct* | *-74.16* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.30* | |
| 26 05 36 00-0071 | EA | 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 249.70 | 95.91 |
| | | *For 60 Degree Bend, Deduct* | *-45.65* | |
| | | *For 30 Degree Bend, Deduct* | *-81.41* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.98* | |
| 26 05 36 00-0072 | EA | 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 276.76 | 109.99 |
| | | *For 60 Degree Bend, Deduct* | *-49.17* | |
| | | *For 30 Degree Bend, Deduct* | *-88.06* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.51* | |
| 26 05 36 00-0073 | EA | 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 330.39 | 139.03 |
| | | *For 60 Degree Bend, Deduct* | *-55.75* | |
| | | *For 30 Degree Bend, Deduct* | *-100.63* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.46* | |
| 26 05 36 00-0074 | EA | 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 410.72 | 170.26 |
| | | *For 60 Degree Bend, Deduct* | *-70.27* | |
| | | *For 30 Degree Bend, Deduct* | *-126.57* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.88* | |
| 26 05 36 00-0075 | EA | 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 488.01 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-86.11* | |
| | | *For 30 Degree Bend, Deduct* | *-154.38* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.51* | |
| 26 05 36 00-0076 | EA | 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 551.71 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-94.10* | |
| | | *For 30 Degree Bend, Deduct* | *-169.58* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.05* | |

### 26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0078 | EA | 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 246.73 | 82.49 |
| | | *For 60 Degree Bend, Deduct* | *-49.81* | |
| | | *For 30 Degree Bend, Deduct* | *-87.60* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.80* | |
| 26 05 36 00-0079 | EA | 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 282.11 | 99.43 |
| | | *For 60 Degree Bend, Deduct* | *-54.97* | |
| | | *For 30 Degree Bend, Deduct* | *-97.15* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.92* | |
| 26 05 36 00-0080 | EA | 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 321.83 | 114.83 |
| | | *For 60 Degree Bend, Deduct* | *-62.19* | |
| | | *For 30 Degree Bend, Deduct* | *-110.03* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.62* | |
| 26 05 36 00-0081 | EA | 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 378.43 | 146.62 |
| | | *For 60 Degree Bend, Deduct* | *-68.66* | |
| | | *For 30 Degree Bend, Deduct* | *-122.59* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.62* | |
| 26 05 36 00-0082 | EA | 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 465.72 | 182.14 |
| | | *For 60 Degree Bend, Deduct* | *-83.88* | |
| | | *For 30 Degree Bend, Deduct* | *-149.92* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0083 | EA | 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 546.03 | 211.29 |
| | | *For 60 Degree Bend, Deduct* | *-99.21* | |
| | | *For 30 Degree Bend, Deduct* | *-177.09* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.00* | |
| 26 05 36 00-0084 | EA | 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 641.33 | 251.55 |
| | | *For 60 Degree Bend, Deduct* | *-115.23* | |
| | | *For 30 Degree Bend, Deduct* | *-206.02* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.17* | |

## 26 05 36 00-0085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0086 | EA | 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 298.74 | 85.14 |
| | | *For 60 Degree Bend, Deduct* | *-65.97* | |
| | | *For 30 Degree Bend, Deduct* | *-114.67* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.78* | |
| 26 05 36 00-0087 | EA | 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 338.02 | 103.39 |
| | | *For 60 Degree Bend, Deduct* | *-71.92* | |
| | | *For 30 Degree Bend, Deduct* | *-125.61* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.19* | |
| 26 05 36 00-0088 | EA | 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 369.25 | 120.00 |
| | | *For 60 Degree Bend, Deduct* | *-75.85* | |
| | | *For 30 Degree Bend, Deduct* | *-133.09* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.93* | |
| 26 05 36 00-0089 | EA | 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 442.29 | 155.31 |
| | | *For 60 Degree Bend, Deduct* | *-86.40* | |
| | | *For 30 Degree Bend, Deduct* | *-152.63* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.28* | |
| 26 05 36 00-0090 | EA | 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 519.74 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-96.58* | |
| | | *For 30 Degree Bend, Deduct* | *-171.83* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.68* | |
| 26 05 36 00-0091 | EA | 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 632.81 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-120.86* | |
| | | *For 30 Degree Bend, Deduct* | *-214.19* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.16* | |
| 26 05 36 00-0092 | EA | 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 741.51 | 277.74 |
| | | *For 60 Degree Bend, Deduct* | *-138.22* | |
| | | *For 30 Degree Bend, Deduct* | *-245.80* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.00* | |

## 26 05 36 00-0093 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0094 | EA | 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 320.28 | 109.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.86* | |
| 26 05 36 00-0095 | EA | 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 349.53 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.48* | |
| 26 05 36 00-0096 | EA | 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 376.29 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.06* | |
| 26 05 36 00-0097 | EA | 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 434.90 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.30* | |
| 26 05 36 00-0098 | EA | 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 483.22 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.03* | |
| 26 05 36 00-0099 | EA | 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 536.65 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.33* | |
| 26 05 36 00-0100 | EA | 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 594.85 | 251.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.56* | |

## 26 05 36 00-0101 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0102 | EA | 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 384.86 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.92* | |
| 26 05 36 00-0103 | EA | 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 418.34 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.83* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0104 | EA | 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 450.65 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.84* | |
| 26 05 36 00-0105 | EA | 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 520.75 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.90* | |
| 26 05 36 00-0106 | EA | 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 580.35 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.43* | |
| 26 05 36 00-0107 | EA | 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 640.53 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.07* | |
| 26 05 36 00-0108 | EA | 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 733.70 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.22* | |

### 26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0110 | EA | 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 461.16 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.12* | |
| 26 05 36 00-0111 | EA | 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 502.22 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.65* | |
| 26 05 36 00-0112 | EA | 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 532.84 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.34* | |
| 26 05 36 00-0113 | EA | 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 621.75 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.89* | |
| 26 05 36 00-0114 | EA | 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 681.55 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.03* | |
| 26 05 36 00-0115 | EA | 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 780.00 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.00* | |
| 26 05 36 00-0116 | EA | 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 878.95 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-62.05* | |

### 26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0118 | EA | 6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 571.47 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.54* | |
| 26 05 36 00-0119 | EA | 9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 618.20 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.70* | |
| 26 05 36 00-0120 | EA | 12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 648.53 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.87* | |
| 26 05 36 00-0121 | EA | 18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 724.84 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.49* | |
| 26 05 36 00-0122 | EA | 24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 822.40 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-57.82* | |
| 26 05 36 00-0123 | EA | 30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 917.33 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.84* | |
| 26 05 36 00-0124 | EA | 36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,038.18 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-74.50* | |

### 26 05 36 00-0125 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0126 | EA | 6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 726.26 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.50* | |
| 26 05 36 00-0127 | EA | 9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 779.36 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.98* | |
| 26 05 36 00-0128 | EA | 12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 813.24 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.33* | |
| 26 05 36 00-0129 | EA | 18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 891.16 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.70* | |
| 26 05 36 00-0130 | EA | 24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 988.72 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-71.37* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0131 | EA | 30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,064.37 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-77.12* | |
| 26 05 36 00-0132 | EA | 36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,289.60 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-95.10* | |

## 26 05 36 00-0133 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0134 | EA | 6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 933.25 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.37* | |
| 26 05 36 00-0135 | EA | 9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 996.66 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.52* | |
| 26 05 36 00-0136 | EA | 12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,058.15 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-81.39* | |
| 26 05 36 00-0137 | EA | 18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,162.26 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-88.73* | |
| 26 05 36 00-0138 | EA | 24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,318.69 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-100.48* | |
| 26 05 36 00-0139 | EA | 30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,430.40 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-109.18* | |
| 26 05 36 00-0140 | EA | 36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,608.13 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-120.84* | |

## 26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0142 | EA | 6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 699.07 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.62* | |
| 26 05 36 00-0143 | EA | 9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 715.19 | 203.15 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.59* | |
| 26 05 36 00-0144 | EA | 12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 731.91 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.59* | |
| 26 05 36 00-0145 | EA | 18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 768.82 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-57.76* | |
| 26 05 36 00-0146 | EA | 24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 792.60 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.28* | |
| 26 05 36 00-0147 | EA | 30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 859.09 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-63.91* | |
| 26 05 36 00-0148 | EA | 36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 923.91 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-67.97* | |

## 26 05 36 00-0149 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0150 | EA | 6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,026.60 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-85.06* | |
| 26 05 36 00-0151 | EA | 9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,050.98 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.77* | |
| 26 05 36 00-0152 | EA | 12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,076.61 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-88.54* | |
| 26 05 36 00-0153 | EA | 18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,132.99 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-92.34* | |
| 26 05 36 00-0154 | EA | 24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,173.42 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-95.34* | |
| 26 05 36 00-0155 | EA | 30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,241.52 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-99.73* | |
| 26 05 36 00-0156 | EA | 36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,335.80 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-106.08* | |

## 26 05 36 00-0157 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0158 | EA | 6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,643.07 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-145.18* | |
| 26 05 36 00-0159 | EA | 9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,676.67 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-147.68* | |
| 26 05 36 00-0160 | EA | 12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,712.54 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-150.30* | |
| 26 05 36 00-0161 | EA | 18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,772.67 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-154.12* | |
| 26 05 36 00-0162 | EA | 24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,814.53 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-157.03* | |
| 26 05 36 00-0163 | EA | 30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,925.18 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-165.02* | |
| 26 05 36 00-0164 | EA | 36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,019.40 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-170.55* | |

## 26 05 36 00-0165 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0166 | EA | 6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 711.74 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.18* | |
| 26 05 36 00-0167 | EA | 9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 747.81 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.63* | |
| 26 05 36 00-0168 | EA | 12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 799.48 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.53* | |
| 26 05 36 00-0169 | EA | 18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 858.39 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.95* | |
| 26 05 36 00-0170 | EA | 24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 966.14 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-67.30* | |
| 26 05 36 00-0171 | EA | 30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,082.94 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.90* | |
| 26 05 36 00-0172 | EA | 36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,184.82 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.62* | |

## 26 05 36 00-0173 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0174 | EA | 6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,015.59 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-77.14* | |
| 26 05 36 00-0175 | EA | 9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,061.40 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.25* | |
| 26 05 36 00-0176 | EA | 12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,109.87 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-83.49* | |
| 26 05 36 00-0177 | EA | 18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,182.25 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-88.91* | |
| 26 05 36 00-0178 | EA | 24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,312.52 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-97.39* | |
| 26 05 36 00-0179 | EA | 30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,411.08 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-104.44* | |
| 26 05 36 00-0180 | EA | 36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,585.21 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-118.55* | |

## 26 05 36 00-0181 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0182 | EA | 6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,286.69 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-101.17* | |
| 26 05 36 00-0183 | EA | 9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,355.79 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-106.26* | |
| 26 05 36 00-0184 | EA | 12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,430.02 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-111.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0185 | EA | 18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,561.37 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-122.27* | |
| 26 05 36 00-0186 | EA | 24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,781.67 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-138.20* | |
| 26 05 36 00-0187 | EA | 30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,942.70 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-150.34* | |
| 26 05 36 00-0188 | EA | 36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,124.60 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-163.53* | |

## 26 05 36 00-0189 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0190 | EA | 6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 834.04 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.41* | |
| 26 05 36 00-0191 | EA | 9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 876.15 | 277.85 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.46* | |
| 26 05 36 00-0192 | EA | 12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 939.38 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-69.52* | |
| 26 05 36 00-0193 | EA | 18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,011.82 | 310.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-75.28* | |
| 26 05 36 00-0194 | EA | 24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,137.06 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.39* | |
| 26 05 36 00-0195 | EA | 30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,288.04 | 376.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-97.40* | |
| 26 05 36 00-0196 | EA | 36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,412.38 | 405.87 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-107.41* | |

## 26 05 36 00-0197 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0198 | EA | 6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,252.81 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-100.86* | |
| 26 05 36 00-0199 | EA | 9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,305.99 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-104.71* | |
| 26 05 36 00-0200 | EA | 12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,361.83 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-108.69* | |
| 26 05 36 00-0201 | EA | 18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,450.42 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-115.73* | |
| 26 05 36 00-0202 | EA | 24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,598.37 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-125.97* | |
| 26 05 36 00-0203 | EA | 30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,716.08 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-134.94* | |
| 26 05 36 00-0204 | EA | 36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,938.84 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-153.92* | |

## 26 05 36 00-0205 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0206 | EA | 6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,618.21 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-134.32* | |
| 26 05 36 00-0207 | EA | 9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,702.05 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-140.89* | |
| 26 05 36 00-0208 | EA | 12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,791.02 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-147.71* | |
| 26 05 36 00-0209 | EA | 18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,959.20 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-162.06* | |
| 26 05 36 00-0210 | EA | 24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,223.71 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-182.40* | |
| 26 05 36 00-0211 | EA | 30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,421.57 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-198.23* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0212 | EA | 36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,640.31 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-215.10* | |

## 26 05 36 00-0213 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

## 26 05 36 00-0214 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0215 | EA | 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 279.02 | 110.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.71* | |
| 26 05 36 00-0216 | EA | 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 312.19 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.75* | |
| 26 05 36 00-0217 | EA | 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 343.29 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.76* | |
| 26 05 36 00-0218 | EA | 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 428.86 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.70* | |
| 26 05 36 00-0219 | EA | 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 489.01 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.61* | |
| 26 05 36 00-0220 | EA | 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 581.23 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.79* | |
| 26 05 36 00-0221 | EA | 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 669.91 | 251.44 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.04* | |

## 26 05 36 00-0222 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0223 | EA | 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 387.69 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.21* | |
| 26 05 36 00-0224 | EA | 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 422.32 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.24* | |
| 26 05 36 00-0225 | EA | 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 454.49 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.23* | |
| 26 05 36 00-0226 | EA | 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 530.19 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.84* | |
| 26 05 36 00-0227 | EA | 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 595.40 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.94* | |
| 26 05 36 00-0228 | EA | 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 664.15 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.43* | |
| 26 05 36 00-0229 | EA | 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 777.28 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.58* | |

## 26 05 36 00-0230 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0231 | EA | 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 417.46 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.75* | |
| 26 05 36 00-0232 | EA | 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 460.98 | 138.81 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.53* | |
| 26 05 36 00-0233 | EA | 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 499.22 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.98* | |
| 26 05 36 00-0234 | EA | 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 600.84 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.79* | |
| 26 05 36 00-0235 | EA | 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 684.70 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.35* | |
| 26 05 36 00-0236 | EA | 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 802.67 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.27* | |
| 26 05 36 00-0237 | EA | 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 912.82 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.44* | |

## 26 05 36 00-0238 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0239 | EA | 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 207.27 | 79.96 |
| | | *For 60 Degree Bend, Deduct* | *-37.76* | |
| | | *For 30 Degree Bend, Deduct* | *-67.37* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-14.07* | |
| 26 05 36 00-0240 | EA | 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 236.85 | 95.91 |
| | | *For 60 Degree Bend, Deduct* | *-41.41* | |
| | | *For 30 Degree Bend, Deduct* | *-74.34* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.70* | |
| 26 05 36 00-0241 | EA | 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 263.42 | 109.99 |
| | | *For 60 Degree Bend, Deduct* | *-44.77* | |
| | | *For 30 Degree Bend, Deduct* | *-80.72* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.18* | |
| 26 05 36 00-0242 | EA | 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 316.29 | 139.03 |
| | | *For 60 Degree Bend, Deduct* | *-51.09* | |
| | | *For 30 Degree Bend, Deduct* | *-92.88* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.05* | |
| 26 05 36 00-0243 | EA | 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 392.59 | 170.26 |
| | | *For 60 Degree Bend, Deduct* | *-64.29* | |
| | | *For 30 Degree Bend, Deduct* | *-116.60* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.07* | |
| 26 05 36 00-0244 | EA | 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 464.83 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-78.46* | |
| | | *For 30 Degree Bend, Deduct* | *-141.63* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.19* | |
| 26 05 36 00-0245 | EA | 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 527.53 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-86.12* | |
| | | *For 30 Degree Bend, Deduct* | *-156.28* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.63* | |

## 26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0247 | EA | 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 231.12 | 82.49 |
| | | *For 60 Degree Bend, Deduct* | *-44.66* | |
| | | *For 30 Degree Bend, Deduct* | *-79.02* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.24* | |
| 26 05 36 00-0248 | EA | 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 265.49 | 99.43 |
| | | *For 60 Degree Bend, Deduct* | *-49.49* | |
| | | *For 30 Degree Bend, Deduct* | *-88.01* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.26* | |
| 26 05 36 00-0249 | EA | 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 303.19 | 114.83 |
| | | *For 60 Degree Bend, Deduct* | *-56.04* | |
| | | *For 30 Degree Bend, Deduct* | *-99.78* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.75* | |
| 26 05 36 00-0250 | EA | 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 359.28 | 146.62 |
| | | *For 60 Degree Bend, Deduct* | *-62.34* | |
| | | *For 30 Degree Bend, Deduct* | *-112.05* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.71* | |
| 26 05 36 00-0251 | EA | 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 442.54 | 182.14 |
| | | *For 60 Degree Bend, Deduct* | *-76.23* | |
| | | *For 30 Degree Bend, Deduct* | *-137.17* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.08* | |
| 26 05 36 00-0252 | EA | 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 518.33 | 211.29 |
| | | *For 60 Degree Bend, Deduct* | *-90.07* | |
| | | *For 30 Degree Bend, Deduct* | *-161.85* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.23* | |
| 26 05 36 00-0253 | EA | 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 609.60 | 251.55 |
| | | *For 60 Degree Bend, Deduct* | *-104.76* | |
| | | *For 30 Degree Bend, Deduct* | *-188.57* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.00* | |

## 26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0255 | EA | 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 276.32 | 85.14 |
| | | *For 60 Degree Bend, Deduct* | *-58.57* | |
| | | *For 30 Degree Bend, Deduct* | *-102.34* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0256 | EA | 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 314.35 | 103.39 |
| | | *For 60 Degree Bend, Deduct* | *-64.11* | |
| | | *For 30 Degree Bend, Deduct* | *-112.59* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.82* | |
| 26 05 36 00-0257 | EA | 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 345.07 | 120.00 |
| | | *For 60 Degree Bend, Deduct* | *-67.88* | |
| | | *For 30 Degree Bend, Deduct* | *-119.79* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.51* | |
| 26 05 36 00-0258 | EA | 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 416.10 | 155.31 |
| | | *For 60 Degree Bend, Deduct* | *-77.76* | |
| | | *For 30 Degree Bend, Deduct* | *-138.23* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.66* | |
| 26 05 36 00-0259 | EA | 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 492.04 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-87.44* | |
| | | *For 30 Degree Bend, Deduct* | *-156.59* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.91* | |
| 26 05 36 00-0260 | EA | 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 597.04 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-109.06* | |
| | | *For 30 Degree Bend, Deduct* | *-194.51* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.58* | |
| 26 05 36 00-0261 | EA | 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 701.71 | 277.74 |
| | | *For 60 Degree Bend, Deduct* | *-125.09* | |
| | | *For 30 Degree Bend, Deduct* | *-223.91* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.02* | |

## 26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0263 | EA | 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 309.32 | 109.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.77* | |
| 26 05 36 00-0264 | EA | 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 338.33 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.36* | |
| 26 05 36 00-0265 | EA | 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 364.70 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.90* | |
| 26 05 36 00-0266 | EA | 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 422.81 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.09* | |
| 26 05 36 00-0267 | EA | 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 470.63 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.77* | |
| 26 05 36 00-0268 | EA | 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 523.05 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.97* | |
| 26 05 36 00-0269 | EA | 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 580.75 | 251.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.15* | |

## 26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0271 | EA | 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 369.37 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.38* | |
| 26 05 36 00-0272 | EA | 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 402.47 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.25* | |
| 26 05 36 00-0273 | EA | 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 434.15 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.19* | |
| 26 05 36 00-0274 | EA | 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 503.37 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.16* | |
| 26 05 36 00-0275 | EA | 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 562.09 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.60* | |
| 26 05 36 00-0276 | EA | 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 621.26 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.14* | |
| 26 05 36 00-0277 | EA | 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 712.04 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.06* | |

## 26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0279 | EA | 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 440.25 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.03* | |
| 26 05 36 00-0280 | EA | 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 480.56 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.48* | |
| 26 05 36 00-0281 | EA | 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 510.93 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.15* | |
| 26 05 36 00-0282 | EA | 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 598.07 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.52* | |
| 26 05 36 00-0283 | EA | 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 657.62 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.64* | |
| 26 05 36 00-0284 | EA | 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 752.79 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.28* | |
| 26 05 36 00-0285 | EA | 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 849.98 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.15* | |

### 26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0287 | EA | 6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 554.60 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.86* | |
| 26 05 36 00-0288 | EA | 9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 600.07 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.88* | |
| 26 05 36 00-0289 | EA | 12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 629.39 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.96* | |
| 26 05 36 00-0290 | EA | 18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 702.92 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.29* | |
| 26 05 36 00-0291 | EA | 24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 796.71 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.25* | |
| 26 05 36 00-0292 | EA | 30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 886.60 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-62.77* | |
| 26 05 36 00-0293 | EA | 36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,003.42 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-71.03* | |

### 26 05 36 00-0294 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0295 | EA | 6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 699.81 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.86* | |
| 26 05 36 00-0296 | EA | 9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 751.65 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.21* | |
| 26 05 36 00-0297 | EA | 12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 784.53 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.45* | |
| 26 05 36 00-0298 | EA | 18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 860.18 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.60* | |
| 26 05 36 00-0299 | EA | 24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 954.97 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.00* | |
| 26 05 36 00-0300 | EA | 30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,027.60 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-73.44* | |
| 26 05 36 00-0301 | EA | 36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,242.50 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-90.39* | |

### 26 05 36 00-0302 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0303 | EA | 6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 893.71 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.41* | |
| 26 05 36 00-0304 | EA | 9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 955.60 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.41* | |
| 26 05 36 00-0305 | EA | 12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,014.33 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-77.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0306 | EA | 18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,115.16 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.02* | |
| 26 05 36 00-0307 | EA | 24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,265.55 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-95.16* | |
| 26 05 36 00-0308 | EA | 30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,372.47 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-103.38* | |
| 26 05 36 00-0309 | EA | 36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,545.92 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-114.62* | |

### 26 05 36 00-0310 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0311 | EA | 6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 670.36 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.75* | |
| 26 05 36 00-0312 | EA | 9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 686.22 | 203.15 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.69* | |
| 26 05 36 00-0313 | EA | 12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 702.70 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.67* | |
| 26 05 36 00-0314 | EA | 18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 739.10 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.79* | |
| 26 05 36 00-0315 | EA | 24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 762.38 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.25* | |
| 26 05 36 00-0316 | EA | 30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 826.85 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-60.69* | |
| 26 05 36 00-0317 | EA | 36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 890.41 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.62* | |

### 26 05 36 00-0318 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0319 | EA | 6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 974.72 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-79.87* | |
| 26 05 36 00-0320 | EA | 9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 998.34 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-81.50* | |
| 26 05 36 00-0321 | EA | 12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,023.21 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-83.20* | |
| 26 05 36 00-0322 | EA | 18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,078.08 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.85* | |
| 26 05 36 00-0323 | EA | 24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,117.00 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-89.70* | |
| 26 05 36 00-0324 | EA | 30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,183.59 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-93.94* | |
| 26 05 36 00-0325 | EA | 36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,275.35 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-100.04* | |

### 26 05 36 00-0326 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0327 | EA | 6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,546.10 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-135.49* | |
| 26 05 36 00-0328 | EA | 9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,578.44 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-137.86* | |
| 26 05 36 00-0329 | EA | 12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,613.05 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-140.35* | |
| 26 05 36 00-0330 | EA | 18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,671.93 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-144.05* | |
| 26 05 36 00-0331 | EA | 24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,712.52 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-146.83* | |
| 26 05 36 00-0332 | EA | 30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,819.39 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-154.44* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0333 | EA | 36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,912.36 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-159.85* | |

## 26 05 36 00-0334 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0335 | EA | 6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 690.83 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.08* | |
| 26 05 36 00-0336 | EA | 9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 725.89 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.44* | |
| 26 05 36 00-0337 | EA | 12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 775.55 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.13* | |
| 26 05 36 00-0338 | EA | 18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 832.20 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-57.33* | |
| 26 05 36 00-0339 | EA | 24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 936.93 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.38* | |
| 26 05 36 00-0340 | EA | 30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,047.93 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-73.40* | |
| 26 05 36 00-0341 | EA | 36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,145.78 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.71* | |

## 26 05 36 00-0342 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0343 | EA | 6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 975.04 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-73.08* | |
| 26 05 36 00-0344 | EA | 9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,019.59 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.07* | |
| 26 05 36 00-0345 | EA | 12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,066.80 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-79.18* | |
| 26 05 36 00-0346 | EA | 18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,136.41 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.33* | |
| 26 05 36 00-0347 | EA | 24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,263.66 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-92.50* | |
| 26 05 36 00-0348 | EA | 30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,358.94 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-99.23* | |
| 26 05 36 00-0349 | EA | 36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,524.76 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-112.51* | |

## 26 05 36 00-0350 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0351 | EA | 6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,230.01 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-95.50* | |
| 26 05 36 00-0352 | EA | 9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,296.60 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-100.34* | |
| 26 05 36 00-0353 | EA | 12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,368.31 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-105.44* | |
| 26 05 36 00-0354 | EA | 18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,493.37 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-115.47* | |
| 26 05 36 00-0355 | EA | 24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,706.11 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-130.64* | |
| 26 05 36 00-0356 | EA | 30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,860.84 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-142.16* | |
| 26 05 36 00-0357 | EA | 36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,036.44 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-154.72* | |

## 26 05 36 00-0358 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0359 | EA | 6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 803.72 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0360 | EA | 9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 844.37 | 277.85 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.28* | |
| 26 05 36 00-0361 | EA | 12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 904.68 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-66.05* | |
| 26 05 36 00-0362 | EA | 18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 973.84 | 310.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-71.48* | |
| 26 05 36 00-0363 | EA | 24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,094.70 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.15* | |
| 26 05 36 00-0364 | EA | 30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,237.28 | 376.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-92.32* | |
| 26 05 36 00-0365 | EA | 36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,355.77 | 405.87 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-101.75* | |

### 26 05 36 00-0366 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0367 | EA | 6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,194.01 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-94.98* | |
| 26 05 36 00-0368 | EA | 9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,245.37 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-98.64* | |
| 26 05 36 00-0369 | EA | 12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,299.38 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-102.44* | |
| 26 05 36 00-0370 | EA | 18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,383.95 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-109.08* | |
| 26 05 36 00-0371 | EA | 24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,527.52 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-118.89* | |
| 26 05 36 00-0372 | EA | 30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,640.48 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-127.38* | |
| 26 05 36 00-0373 | EA | 36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,851.19 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-145.15* | |

### 26 05 36 00-0374 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0375 | EA | 6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,536.04 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-126.11* | |
| 26 05 36 00-0376 | EA | 9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,616.22 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-132.31* | |
| 26 05 36 00-0377 | EA | 12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,701.54 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-138.76* | |
| 26 05 36 00-0378 | EA | 18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,860.59 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-152.19* | |
| 26 05 36 00-0379 | EA | 24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,114.14 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-171.45* | |
| 26 05 36 00-0380 | EA | 30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,302.88 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-186.36* | |
| 26 05 36 00-0381 | EA | 36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,512.48 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-202.32* | |

### 26 05 36 00-0382 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

### 26 05 36 00-0383 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0384 | EA | 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 263.15 | 110.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.12* | |
| 26 05 36 00-0385 | EA | 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 295.07 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.04* | |
| 26 05 36 00-0386 | EA | 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 324.65 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.89* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0387 | EA | 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 404.68 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.28* | |
| 26 05 36 00-0388 | EA | 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 461.81 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.89* | |
| 26 05 36 00-0389 | EA | 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 545.47 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.22* | |
| 26 05 36 00-0390 | EA | 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 628.10 | 251.44 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.86* | |
| 26 05 36 00-0391 | | **24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)* | | |
| 26 05 36 00-0392 | EA | 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 354.95 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.93* | |
| 26 05 36 00-0393 | EA | 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 388.56 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.87* | |
| 26 05 36 00-0394 | EA | 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 419.48 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.73* | |
| 26 05 36 00-0395 | EA | 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 492.41 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.07* | |
| 26 05 36 00-0396 | EA | 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 554.85 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.88* | |
| 26 05 36 00-0397 | EA | 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 620.07 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.02* | |
| 26 05 36 00-0398 | EA | 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 724.89 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.34* | |
| 26 05 36 00-0399 | | **36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)* | | |
| 26 05 36 00-0400 | EA | 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 381.19 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.13* | |
| 26 05 36 00-0401 | EA | 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 422.69 | 138.81 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.71* | |
| 26 05 36 00-0402 | EA | 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 459.17 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.97* | |
| 26 05 36 00-0403 | EA | 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 555.00 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.21* | |
| 26 05 36 00-0404 | EA | 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 634.32 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.31* | |
| 26 05 36 00-0405 | EA | 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 742.22 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.22* | |
| 26 05 36 00-0406 | EA | 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 846.83 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.84* | |
| 26 05 36 00-0407 | | **12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)* | | |
| 26 05 36 00-0408 | EA | 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 194.93 | 79.96 |
| | | *For 60 Degree Bend, Deduct* | *-33.69* | |
| | | *For 30 Degree Bend, Deduct* | *-60.58* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-12.83* | |
| 26 05 36 00-0409 | EA | 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 224.01 | 95.91 |
| | | *For 60 Degree Bend, Deduct* | *-37.17* | |
| | | *For 30 Degree Bend, Deduct* | *-67.28* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-14.41* | |
| 26 05 36 00-0410 | EA | 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 250.07 | 109.99 |
| | | *For 60 Degree Bend, Deduct* | *-40.36* | |
| | | *For 30 Degree Bend, Deduct* | *-73.38* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.84* | |
| 26 05 36 00-0411 | EA | 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 302.18 | 139.03 |
| | | *For 60 Degree Bend, Deduct* | *-46.44* | |
| | | *For 30 Degree Bend, Deduct* | *-85.12* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0412 | EA | 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 374.45 | 170.26 |
| | | *For 60 Degree Bend, Deduct* | *-58.30* | |
| | | *For 30 Degree Bend, Deduct* | *-106.62* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.26* | |
| 26 05 36 00-0413 | EA | 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 441.66 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-70.81* | |
| | | *For 30 Degree Bend, Deduct* | *-128.88* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.88* | |
| 26 05 36 00-0414 | EA | 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 503.35 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-78.14* | |
| | | *For 30 Degree Bend, Deduct* | *-142.99* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.21* | |

## 26 05 36 00-0415 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0416 | EA | 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 215.50 | 82.49 |
| | | *For 60 Degree Bend, Deduct* | *-39.51* | |
| | | *For 30 Degree Bend, Deduct* | *-70.43* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-14.68* | |
| 26 05 36 00-0417 | EA | 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 248.87 | 99.43 |
| | | *For 60 Degree Bend, Deduct* | *-44.00* | |
| | | *For 30 Degree Bend, Deduct* | *-78.87* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.60* | |
| 26 05 36 00-0418 | EA | 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 284.55 | 114.83 |
| | | *For 60 Degree Bend, Deduct* | *-49.89* | |
| | | *For 30 Degree Bend, Deduct* | *-89.53* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.89* | |
| 26 05 36 00-0419 | EA | 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 340.14 | 146.62 |
| | | *For 60 Degree Bend, Deduct* | *-56.03* | |
| | | *For 30 Degree Bend, Deduct* | *-101.53* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.79* | |
| 26 05 36 00-0420 | EA | 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 419.37 | 182.14 |
| | | *For 60 Degree Bend, Deduct* | *-68.58* | |
| | | *For 30 Degree Bend, Deduct* | *-124.43* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.76* | |
| 26 05 36 00-0421 | EA | 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 490.62 | 211.29 |
| | | *For 60 Degree Bend, Deduct* | *-80.92* | |
| | | *For 30 Degree Bend, Deduct* | *-146.61* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.46* | |
| 26 05 36 00-0422 | EA | 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 577.86 | 251.55 |
| | | *For 60 Degree Bend, Deduct* | *-94.28* | |
| | | *For 30 Degree Bend, Deduct* | *-171.11* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.83* | |

## 26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0424 | EA | 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 253.90 | 85.14 |
| | | *For 60 Degree Bend, Deduct* | *-51.17* | |
| | | *For 30 Degree Bend, Deduct* | *-90.01* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.30* | |
| 26 05 36 00-0425 | EA | 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 290.67 | 103.39 |
| | | *For 60 Degree Bend, Deduct* | *-56.29* | |
| | | *For 30 Degree Bend, Deduct* | *-99.57* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.45* | |
| 26 05 36 00-0426 | EA | 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 320.89 | 120.00 |
| | | *For 60 Degree Bend, Deduct* | *-59.90* | |
| | | *For 30 Degree Bend, Deduct* | *-106.49* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.09* | |
| 26 05 36 00-0427 | EA | 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 389.90 | 155.31 |
| | | *For 60 Degree Bend, Deduct* | *-69.11* | |
| | | *For 30 Degree Bend, Deduct* | *-123.82* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.04* | |
| 26 05 36 00-0428 | EA | 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 464.33 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-78.29* | |
| | | *For 30 Degree Bend, Deduct* | *-141.35* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0429 | EA | 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 561.28 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-97.26* | |
| | | *For 30 Degree Bend, Deduct* | *-174.85* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.01* | |
| 26 05 36 00-0430 | EA | 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 661.92 | 277.74 |
| | | *For 60 Degree Bend, Deduct* | *-111.96* | |
| | | *For 30 Degree Bend, Deduct* | *-202.03* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.05* | |
| 26 05 36 00-0431 | | 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)* | | |
| 26 05 36 00-0432 | EA | 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 292.88 | 109.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.12* | |
| 26 05 36 00-0433 | EA | 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 321.51 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.68* | |
| 26 05 36 00-0434 | EA | 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 347.32 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.16* | |
| 26 05 36 00-0435 | EA | 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 404.68 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.28* | |
| 26 05 36 00-0436 | EA | 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 451.74 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.88* | |
| 26 05 36 00-0437 | EA | 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 502.65 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.93* | |
| 26 05 36 00-0438 | EA | 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 559.59 | 251.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.03* | |
| 26 05 36 00-0439 | | 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)* | | |
| 26 05 36 00-0440 | EA | 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 346.13 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.05* | |
| 26 05 36 00-0441 | EA | 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 378.67 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.87* | |
| 26 05 36 00-0442 | EA | 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 409.41 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.72* | |
| 26 05 36 00-0443 | EA | 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 477.30 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.55* | |
| 26 05 36 00-0444 | EA | 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 534.70 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.87* | |
| 26 05 36 00-0445 | EA | 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 592.36 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.25* | |
| 26 05 36 00-0446 | EA | 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 679.55 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.81* | |
| 26 05 36 00-0447 | | 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)* | | |
| 26 05 36 00-0448 | EA | 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 408.89 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.90* | |
| 26 05 36 00-0449 | EA | 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 448.07 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.23* | |
| 26 05 36 00-0450 | EA | 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 478.06 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.86* | |
| 26 05 36 00-0451 | EA | 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 562.56 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.97* | |
| 26 05 36 00-0452 | EA | 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 621.73 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.05* | |
| 26 05 36 00-0453 | EA | 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 711.99 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.20* | |
| 26 05 36 00-0454 | EA | 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 806.53 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.81* | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0455 | | 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)* | | |
| 26 05 36 00-0456 | EA | 6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 520.84 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.48* | |
| 26 05 36 00-0457 | EA | 9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 563.80 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.26* | |
| 26 05 36 00-0458 | EA | 12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 591.10 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.13* | |
| 26 05 36 00-0459 | EA | 18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 659.10 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.91* | |
| 26 05 36 00-0460 | EA | 24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 745.33 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.11* | |
| 26 05 36 00-0461 | EA | 30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 825.14 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.62* | |
| 26 05 36 00-0462 | EA | 36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 933.90 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.07* | |
| 26 05 36 00-0463 | | 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)* | | |
| 26 05 36 00-0464 | EA | 6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 646.92 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.57* | |
| 26 05 36 00-0465 | EA | 9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 696.24 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.67* | |
| 26 05 36 00-0466 | EA | 12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 727.10 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.71* | |
| 26 05 36 00-0467 | EA | 18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 798.22 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.40* | |
| 26 05 36 00-0468 | EA | 24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 887.47 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.25* | |
| 26 05 36 00-0469 | EA | 30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 954.05 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-66.09* | |
| 26 05 36 00-0470 | EA | 36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,148.30 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.97* | |
| 26 05 36 00-0471 | | 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)* | | |
| 26 05 36 00-0472 | EA | 6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 814.62 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-60.50* | |
| 26 05 36 00-0473 | EA | 9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 873.49 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.20* | |
| 26 05 36 00-0474 | EA | 12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 926.68 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.25* | |
| 26 05 36 00-0475 | EA | 18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,020.96 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-74.60* | |
| 26 05 36 00-0476 | EA | 24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,159.26 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.54* | |
| 26 05 36 00-0477 | EA | 30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,256.61 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-91.80* | |
| 26 05 36 00-0478 | EA | 36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,421.49 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-102.18* | |
| 26 05 36 00-0479 | | 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)* | | |
| 26 05 36 00-0480 | EA | 6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 612.93 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.00* | |
| 26 05 36 00-0481 | EA | 9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 628.29 | 203.15 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.90* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0482 | EA | 12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 644.26 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.82* | |
| 26 05 36 00-0483 | EA | 18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 679.66 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.84* | |
| 26 05 36 00-0484 | EA | 24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 701.93 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.21* | |
| 26 05 36 00-0485 | EA | 30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 762.37 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.24* | |
| 26 05 36 00-0486 | EA | 36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 823.41 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-57.92* | |
| **26 05 36 00-0487** | | **24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)* | | |
| 26 05 36 00-0488 | EA | 6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 870.95 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-69.49* | |
| 26 05 36 00-0489 | EA | 9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 893.05 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-70.97* | |
| 26 05 36 00-0490 | EA | 12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 916.42 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.52* | |
| 26 05 36 00-0491 | EA | 18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 968.26 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-75.87* | |
| 26 05 36 00-0492 | EA | 24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,004.16 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.42* | |
| 26 05 36 00-0493 | EA | 30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,067.73 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-82.35* | |
| 26 05 36 00-0494 | EA | 36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,154.45 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-87.95* | |
| **26 05 36 00-0495** | | **36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)* | | |
| 26 05 36 00-0496 | EA | 6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,352.16 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-116.09* | |
| 26 05 36 00-0497 | EA | 9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,381.98 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-118.21* | |
| 26 05 36 00-0498 | EA | 12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,414.07 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-120.45* | |
| 26 05 36 00-0499 | EA | 18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,470.43 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-123.90* | |
| 26 05 36 00-0500 | EA | 24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,508.50 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-126.43* | |
| 26 05 36 00-0501 | EA | 30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,607.82 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-133.28* | |
| 26 05 36 00-0502 | EA | 36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,698.27 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-138.44* | |
| **26 05 36 00-0503** | | **12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)* | | |
| 26 05 36 00-0504 | EA | 6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 649.02 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.90* | |
| 26 05 36 00-0505 | EA | 9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 682.07 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.06* | |
| 26 05 36 00-0506 | EA | 12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 727.70 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.35* | |
| 26 05 36 00-0507 | EA | 18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 779.81 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.09* | |
| 26 05 36 00-0508 | EA | 24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 878.49 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0509 | EA | 30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 977.91 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-66.40* | |
| 26 05 36 00-0510 | EA | 36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,067.70 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.91* | |

### 26 05 36 00-0511 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0512 | EA | 6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 893.93 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.97* | |
| 26 05 36 00-0513 | EA | 9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 935.97 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-67.70* | |
| 26 05 36 00-0514 | EA | 12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 980.66 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-70.57* | |
| 26 05 36 00-0515 | EA | 18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,044.73 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-75.16* | |
| 26 05 36 00-0516 | EA | 24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,165.93 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-82.73* | |
| 26 05 36 00-0517 | EA | 30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,254.67 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-88.80* | |
| 26 05 36 00-0518 | EA | 36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,403.86 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-100.42* | |

### 26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0520 | EA | 6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,116.67 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.17* | |
| 26 05 36 00-0521 | EA | 9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,178.22 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-88.51* | |
| 26 05 36 00-0522 | EA | 12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,244.90 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-93.10* | |
| 26 05 36 00-0523 | EA | 18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,357.35 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-101.87* | |
| 26 05 36 00-0524 | EA | 24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,554.99 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-115.53* | |
| 26 05 36 00-0525 | EA | 30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,697.12 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-125.79* | |
| 26 05 36 00-0526 | EA | 36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,860.13 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-137.08* | |

### 26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0528 | EA | 6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 743.10 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.31* | |
| 26 05 36 00-0529 | EA | 9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 780.83 | 277.85 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.93* | |
| 26 05 36 00-0530 | EA | 12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 835.29 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.11* | |
| 26 05 36 00-0531 | EA | 18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 897.87 | 310.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-63.88* | |
| 26 05 36 00-0532 | EA | 24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,009.97 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-71.68* | |
| 26 05 36 00-0533 | EA | 30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,135.75 | 376.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-82.17* | |
| 26 05 36 00-0534 | EA | 36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,242.55 | 405.87 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-90.43* | |

### 26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0536 | EA | 6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,076.42 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-83.22* | |
| 26 05 36 00-0537 | EA | 9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,124.12 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.52* | |
| 26 05 36 00-0538 | EA | 12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,174.48 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-89.95* | |
| 26 05 36 00-0539 | EA | 18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,251.01 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-95.79* | |
| 26 05 36 00-0540 | EA | 24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,385.82 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-104.72* | |
| 26 05 36 00-0541 | EA | 30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,489.28 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-112.26* | |
| 26 05 36 00-0542 | EA | 36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,675.88 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-127.62* | |

### 26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0544 | EA | 6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,371.69 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-109.67* | |
| 26 05 36 00-0545 | EA | 9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,444.57 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-115.14* | |
| 26 05 36 00-0546 | EA | 12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,522.59 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-120.87* | |
| 26 05 36 00-0547 | EA | 18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,663.38 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-132.47* | |
| 26 05 36 00-0548 | EA | 24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,895.01 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-149.53* | |
| 26 05 36 00-0549 | EA | 30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,065.49 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-162.62* | |
| 26 05 36 00-0550 | EA | 36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,256.83 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-176.75* | |

### 26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

### 26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0553 | EA | 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 257.60 | 110.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.57* | |
| 26 05 36 00-0554 | EA | 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 289.07 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.44* | |
| 26 05 36 00-0555 | EA | 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 318.13 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.24* | |
| 26 05 36 00-0556 | EA | 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 396.22 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.43* | |
| 26 05 36 00-0557 | EA | 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 452.29 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.94* | |
| 26 05 36 00-0558 | EA | 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 532.95 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.96* | |
| 26 05 36 00-0559 | EA | 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 613.47 | 251.44 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.39* | |

### 26 05 36 00-0560 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0561 | EA | 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 343.49 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.79* | |
| 26 05 36 00-0562 | EA | 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 376.75 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0563 | EA | 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 407.23 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.50* | |
| 26 05 36 00-0564 | EA | 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 479.19 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.74* | |
| 26 05 36 00-0565 | EA | 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 540.65 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.46* | |
| 26 05 36 00-0566 | EA | 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 604.64 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.48* | |
| 26 05 36 00-0567 | EA | 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 706.55 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.51* | |

### 26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0569 | EA | 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 368.49 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.86* | |
| 26 05 36 00-0570 | EA | 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 409.29 | 138.81 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.37* | |
| 26 05 36 00-0571 | EA | 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 445.15 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.57* | |
| 26 05 36 00-0572 | EA | 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 538.96 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.61* | |
| 26 05 36 00-0573 | EA | 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 616.69 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.55* | |
| 26 05 36 00-0574 | EA | 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 721.06 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.11* | |
| 26 05 36 00-0575 | EA | 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 823.74 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.53* | |

### 26 05 36 00-0576 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0577 | EA | 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 190.61 | 79.96 |
| | | *For 60 Degree Bend, Deduct* | *-32.26* | |
| | | *For 30 Degree Bend, Deduct* | *-58.21* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-12.40* | |
| 26 05 36 00-0578 | EA | 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 219.51 | 95.91 |
| | | *For 60 Degree Bend, Deduct* | *-35.69* | |
| | | *For 30 Degree Bend, Deduct* | *-64.81* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-13.96* | |
| 26 05 36 00-0579 | EA | 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 245.39 | 109.99 |
| | | *For 60 Degree Bend, Deduct* | *-38.82* | |
| | | *For 30 Degree Bend, Deduct* | *-70.80* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.37* | |
| 26 05 36 00-0580 | EA | 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 297.25 | 139.03 |
| | | *For 60 Degree Bend, Deduct* | *-44.81* | |
| | | *For 30 Degree Bend, Deduct* | *-82.41* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.14* | |
| 26 05 36 00-0581 | EA | 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 368.11 | 170.26 |
| | | *For 60 Degree Bend, Deduct* | *-56.21* | |
| | | *For 30 Degree Bend, Deduct* | *-103.14* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.62* | |
| 26 05 36 00-0582 | EA | 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 433.55 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-68.14* | |
| | | *For 30 Degree Bend, Deduct* | *-124.42* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.07* | |
| 26 05 36 00-0583 | EA | 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 494.89 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-75.35* | |
| | | *For 30 Degree Bend, Deduct* | *-138.33* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.37* | |

### 26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0585 | EA | 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 210.03 | 82.49 |
| | | *For 60 Degree Bend, Deduct* | *-37.70* | |
| | | *For 30 Degree Bend, Deduct* | *-67.42* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-14.13* | |
| 26 05 36 00-0586 | EA | 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 243.05 | 99.43 |
| | | *For 60 Degree Bend, Deduct* | *-42.08* | |
| | | *For 30 Degree Bend, Deduct* | *-75.67* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.02* | |
| 26 05 36 00-0587 | EA | 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 278.03 | 114.83 |
| | | *For 60 Degree Bend, Deduct* | *-47.74* | |
| | | *For 30 Degree Bend, Deduct* | *-85.94* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.24* | |
| 26 05 36 00-0588 | EA | 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 333.44 | 146.62 |
| | | *For 60 Degree Bend, Deduct* | *-53.82* | |
| | | *For 30 Degree Bend, Deduct* | *-97.84* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.12* | |
| 26 05 36 00-0589 | EA | 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 411.26 | 182.14 |
| | | *For 60 Degree Bend, Deduct* | *-65.91* | |
| | | *For 30 Degree Bend, Deduct* | *-119.96* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.95* | |
| 26 05 36 00-0590 | EA | 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 480.92 | 211.29 |
| | | *For 60 Degree Bend, Deduct* | *-77.72* | |
| | | *For 30 Degree Bend, Deduct* | *-141.27* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.49* | |
| 26 05 36 00-0591 | EA | 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 566.75 | 251.55 |
| | | *For 60 Degree Bend, Deduct* | *-90.62* | |
| | | *For 30 Degree Bend, Deduct* | *-165.00* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.72* | |

## 26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0593 | EA | 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 246.06 | 85.14 |
| | | *For 60 Degree Bend, Deduct* | *-48.58* | |
| | | *For 30 Degree Bend, Deduct* | *-85.70* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.52* | |
| 26 05 36 00-0594 | EA | 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 282.38 | 103.39 |
| | | *For 60 Degree Bend, Deduct* | *-53.56* | |
| | | *For 30 Degree Bend, Deduct* | *-95.01* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.62* | |
| 26 05 36 00-0595 | EA | 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 312.43 | 120.00 |
| | | *For 60 Degree Bend, Deduct* | *-57.10* | |
| | | *For 30 Degree Bend, Deduct* | *-101.84* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.24* | |
| 26 05 36 00-0596 | EA | 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 380.74 | 155.31 |
| | | *For 60 Degree Bend, Deduct* | *-66.09* | |
| | | *For 30 Degree Bend, Deduct* | *-118.78* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.13* | |
| 26 05 36 00-0597 | EA | 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 454.63 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-75.09* | |
| | | *For 30 Degree Bend, Deduct* | *-136.02* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.17* | |
| 26 05 36 00-0598 | EA | 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 548.76 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-93.13* | |
| | | *For 30 Degree Bend, Deduct* | *-167.96* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.75* | |
| 26 05 36 00-0599 | EA | 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 647.99 | 277.74 |
| | | *For 60 Degree Bend, Deduct* | *-107.36* | |
| | | *For 30 Degree Bend, Deduct* | *-194.37* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.65* | |

## 26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0601 | EA | 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 285.22 | 109.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.36* | |
| 26 05 36 00-0602 | EA | 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 313.67 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.90* | |
| 26 05 36 00-0603 | EA | 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 339.21 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0604 | EA | 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 396.22 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.43* | |
| 26 05 36 00-0605 | EA | 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 442.92 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.00* | |
| 26 05 36 00-0606 | EA | 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 493.13 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.98* | |
| 26 05 36 00-0607 | EA | 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 549.71 | 251.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.04* | |

## 26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0609 | EA | 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 335.29 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.97* | |
| 26 05 36 00-0610 | EA | 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 367.56 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.76* | |
| 26 05 36 00-0611 | EA | 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 397.86 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.56* | |
| 26 05 36 00-0612 | EA | 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 465.14 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.34* | |
| 26 05 36 00-0613 | EA | 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 521.91 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.59* | |
| 26 05 36 00-0614 | EA | 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 578.87 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.90* | |
| 26 05 36 00-0615 | EA | 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 664.39 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.29* | |

## 26 05 36 00-0616 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0617 | EA | 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 394.26 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.43* | |
| 26 05 36 00-0618 | EA | 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 432.91 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.72* | |
| 26 05 36 00-0619 | EA | 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 462.72 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.33* | |
| 26 05 36 00-0620 | EA | 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 545.99 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.31* | |
| 26 05 36 00-0621 | EA | 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 604.98 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.38* | |
| 26 05 36 00-0622 | EA | 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 692.95 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.30* | |
| 26 05 36 00-0623 | EA | 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 786.26 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.78* | |

## 26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0625 | EA | 6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 503.97 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.79* | |
| 26 05 36 00-0626 | EA | 9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 545.66 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.44* | |
| 26 05 36 00-0627 | EA | 12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 571.96 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.21* | |
| 26 05 36 00-0628 | EA | 18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 637.19 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.72* | |
| 26 05 36 00-0629 | EA | 24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 719.64 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.54* | |
| 26 05 36 00-0630 | EA | 30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 794.42 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0631 | EA | 36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 899.14 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-60.60* | |

## 26 05 36 00-0632 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0633 | EA | 6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 620.47 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.92* | |
| 26 05 36 00-0634 | EA | 9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 668.53 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.89* | |
| 26 05 36 00-0635 | EA | 12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 698.39 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.84* | |
| 26 05 36 00-0636 | EA | 18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 767.24 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.30* | |
| 26 05 36 00-0637 | EA | 24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 853.72 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-57.87* | |
| 26 05 36 00-0638 | EA | 30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 917.28 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-62.41* | |
| 26 05 36 00-0639 | EA | 36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,101.20 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.26* | |

## 26 05 36 00-0640 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0641 | EA | 6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 775.08 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.55* | |
| 26 05 36 00-0642 | EA | 9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 832.44 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-60.10* | |
| 26 05 36 00-0643 | EA | 12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 882.85 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-63.86* | |
| 26 05 36 00-0644 | EA | 18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 973.86 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-69.89* | |
| 26 05 36 00-0645 | EA | 24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,106.11 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-79.22* | |
| 26 05 36 00-0646 | EA | 30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,198.68 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.00* | |
| 26 05 36 00-0647 | EA | 36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,359.28 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-95.96* | |

## 26 05 36 00-0648 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0649 | EA | 6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 584.22 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.13* | |
| 26 05 36 00-0650 | EA | 9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 599.33 | 203.15 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.00* | |
| 26 05 36 00-0651 | EA | 12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 615.04 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.90* | |
| 26 05 36 00-0652 | EA | 18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 649.94 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.87* | |
| 26 05 36 00-0653 | EA | 24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 671.70 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.19* | |
| 26 05 36 00-0654 | EA | 30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 730.13 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.01* | |
| 26 05 36 00-0655 | EA | 36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 789.91 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-54.57* | |

## 26 05 36 00-0656 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0657 | EA | 6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 819.06 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.30* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0658 | EA | 9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 840.41 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.71* | |
| 26 05 36 00-0659 | EA | 12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 863.02 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-67.18* | |
| 26 05 36 00-0660 | EA | 18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 913.35 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-70.38* | |
| 26 05 36 00-0661 | EA | 24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 947.74 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.78* | |
| 26 05 36 00-0662 | EA | 30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,009.80 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.56* | |
| 26 05 36 00-0663 | EA | 36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,094.00 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-81.90* | |

### 26 05 36 00-0664 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0665 | EA | 6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,255.19 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-106.40* | |
| 26 05 36 00-0666 | EA | 9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,283.75 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-108.39* | |
| 26 05 36 00-0667 | EA | 12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,314.58 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-110.50* | |
| 26 05 36 00-0668 | EA | 18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,369.68 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-113.82* | |
| 26 05 36 00-0669 | EA | 24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,406.49 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-116.23* | |
| 26 05 36 00-0670 | EA | 30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,502.04 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-122.71* | |
| 26 05 36 00-0671 | EA | 36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,591.22 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-127.73* | |

### 26 05 36 00-0672 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0673 | EA | 6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 628.12 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.81* | |
| 26 05 36 00-0674 | EA | 9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 660.16 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.87* | |
| 26 05 36 00-0675 | EA | 12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 703.77 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.96* | |
| 26 05 36 00-0676 | EA | 18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 753.61 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.47* | |
| 26 05 36 00-0677 | EA | 24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 849.27 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.61* | |
| 26 05 36 00-0678 | EA | 30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 942.90 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-62.90* | |
| 26 05 36 00-0679 | EA | 36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,028.66 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-69.00* | |

### 26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0681 | EA | 6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 853.38 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-60.92* | |
| 26 05 36 00-0682 | EA | 9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 894.16 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-63.52* | |
| 26 05 36 00-0683 | EA | 12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 937.59 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-66.26* | |
| 26 05 36 00-0684 | EA | 18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 998.89 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-70.57* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0685 | EA | 24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,117.07 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-77.84* | |
| 26 05 36 00-0686 | EA | 30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,202.53 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-83.59* | |
| 26 05 36 00-0687 | EA | 36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,343.41 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-94.37* | |
| **26 05 36 00-0688** | | **36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)* | | |
| 26 05 36 00-0689 | EA | 6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,060.00 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.50* | |
| 26 05 36 00-0690 | EA | 9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,119.03 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-82.59* | |
| 26 05 36 00-0691 | EA | 12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,183.19 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.93* | |
| 26 05 36 00-0692 | EA | 18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,289.35 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-95.07* | |
| 26 05 36 00-0693 | EA | 24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,479.42 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-107.97* | |
| 26 05 36 00-0694 | EA | 30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,615.27 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-117.60* | |
| 26 05 36 00-0695 | EA | 36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,771.98 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-128.27* | |
| **26 05 36 00-0696** | | **12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)* | | |
| 26 05 36 00-0697 | EA | 6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 712.79 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.28* | |
| 26 05 36 00-0698 | EA | 9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 749.05 | 277.85 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.75* | |
| 26 05 36 00-0699 | EA | 12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 800.60 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.64* | |
| 26 05 36 00-0700 | EA | 18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 859.89 | 310.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-60.09* | |
| 26 05 36 00-0701 | EA | 24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 967.60 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-67.44* | |
| 26 05 36 00-0702 | EA | 30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,084.98 | 376.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-77.09* | |
| 26 05 36 00-0703 | EA | 36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,185.94 | 405.87 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.77* | |
| **26 05 36 00-0704** | | **24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)* | | |
| 26 05 36 00-0705 | EA | 6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,017.62 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-77.34* | |
| 26 05 36 00-0706 | EA | 9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,063.49 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.46* | |
| 26 05 36 00-0707 | EA | 12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,112.03 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-83.71* | |
| 26 05 36 00-0708 | EA | 18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,184.54 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-89.14* | |
| 26 05 36 00-0709 | EA | 24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,314.96 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-97.63* | |
| 26 05 36 00-0710 | EA | 30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,413.68 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-104.70* | |
| 26 05 36 00-0711 | EA | 36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,588.23 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-118.85* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-0712** | | **36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)* | | |
| 26 05 36 00-0713 | EA | 6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,289.52 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-101.45* | |
| 26 05 36 00-0714 | EA | 9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,358.75 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-106.56* | |
| 26 05 36 00-0715 | EA | 12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,433.11 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-111.92* | |
| 26 05 36 00-0716 | EA | 18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,564.77 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-122.61* | |
| 26 05 36 00-0717 | EA | 24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,785.45 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-138.58* | |
| 26 05 36 00-0718 | EA | 30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 1,946.79 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-150.75* | |
| 26 05 36 00-0719 | EA | 36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting | 2,129.01 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-163.97* | |
| **26 05 36 00-0720** | | **Dropout Or End Plates And Reducers** *(26 05 36 00-0002)* | | |
| **26 05 36 00-0721** | | **Straight Reducers** *(26 05 36 00-0720)* | | |
| 26 05 36 00-0722 | EA | 9"-6" Reducer, Steel Cable Tray | 251.19 | 81.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.35* | |
| 26 05 36 00-0723 | EA | 12"-9" Reducer, Steel Cable Tray | 264.88 | 87.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.16* | |
| 26 05 36 00-0724 | EA | 18"-12" Reducer, Steel Cable Tray | 287.49 | 101.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.29* | |
| 26 05 36 00-0725 | EA | 24"-18" Reducer, Steel Cable Tray | 316.48 | 117.37 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.87* | |
| 26 05 36 00-0726 | EA | 30"-24" Reducer, Steel Cable Tray | 343.41 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.34* | |
| 26 05 36 00-0727 | EA | 36"-30" Reducer, Steel Cable Tray | 389.88 | 150.80 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.42* | |
| **26 05 36 00-0728** | | **Reducers** *(26 05 36 00-0720)* | | |
| 26 05 36 00-0729 | EA | 18"-6" Reducer, Steel Cable Tray | 292.64 | 101.53 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.80* | |
| 26 05 36 00-0730 | EA | 24"-12" Reducer, Steel Cable Tray | 321.80 | 117.48 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.39* | |
| 26 05 36 00-0731 | EA | 30"-12" Reducer, Steel Cable Tray | 353.30 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.34* | |
| 26 05 36 00-0732 | EA | 30"-18" Reducer, Steel Cable Tray | 358.17 | 131.77 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.84* | |
| 26 05 36 00-0733 | EA | 36"-12" Reducer, Steel Cable Tray | 392.40 | 150.80 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.67* | |
| 26 05 36 00-0734 | EA | 36"-18" Reducer, Steel Cable Tray | 404.05 | 154.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.51* | |
| 26 05 36 00-0735 | EA | 36"-24" Reducer, Steel Cable Tray | 417.32 | 159.71 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.42* | |
| **26 05 36 00-0736** | | **Dropout Or End Plate** *(26 05 36 00-0720)* | | |
| 26 05 36 00-0737 | EA | 6" Dropout Or End Plate, Steel Cable Tray | 67.96 | 33.00 |
| 26 05 36 00-0738 | EA | 9" Dropout Or End Plate, Steel Cable Tray | 78.05 | 37.73 |
| 26 05 36 00-0739 | EA | 12" Dropout Or End Plate, Steel Cable Tray | 84.26 | 40.59 |
| 26 05 36 00-0740 | EA | 18" Dropout Or End Plate, Steel Cable Tray | 99.48 | 47.96 |
| 26 05 36 00-0741 | EA | 24" Dropout Or End Plate, Steel Cable Tray | 111.67 | 52.80 |
| 26 05 36 00-0742 | EA | 30" Dropout Or End Plate, Steel Cable Tray | 123.73 | 58.62 |
| 26 05 36 00-0743 | EA | 36" Dropout Or End Plate, Steel Cable Tray | 139.71 | 66.00 |
| **26 05 36 00-0744** | | **Ladder Bottom Aluminum Cable Tray** *(26 05 36 00-0001)*<br>Note: 4-5/8" Height | | |
| **26 05 36 00-0745** | | **Straight Tray Sections** *(26 05 36 00-0744)* | | |
| **26 05 36 00-0746** | | **4" Rung Spacing** *(26 05 36 00-0745)* | | |
| 26 05 36 00-0747 | LF | 6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section | 34.93 | 7.70 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.95* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.85* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.75* | |
| 26 05 36 00-0748 | LF | 9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section | 36.86 | 8.14 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.18* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.01* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.84* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0749 | LF | 12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section | 38.79 | 8.47 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.40* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.17* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.94* | |
| 26 05 36 00-0750 | LF | 18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section | 42.90 | 9.24 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.89* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.52* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.15* | |
| 26 05 36 00-0751 | LF | 24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section | 48.46 | 9.90 |
| | | *For Class 12C Instead Of Class 12B, Add* | *5.63* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.42* | |
| 26 05 36 00-0752 | LF | 30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section | 52.81 | 10.56 |
| | | *For Class 12C Instead Of Class 12B, Add* | *6.17* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.40* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.64* | |
| 26 05 36 00-0753 | LF | 36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section | 56.81 | 11.22 |
| | | *For Class 12C Instead Of Class 12B, Add* | *6.65* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.74* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.84* | |
| 26 05 36 00-0754 | | 6" Rung Spacing *(26 05 36 00-0745)* | | |
| 26 05 36 00-0755 | LF | 6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section | 32.92 | 7.70 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.65* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.65* | |
| 26 05 36 00-0756 | LF | 9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section | 34.74 | 8.14 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.86* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.74* | |
| 26 05 36 00-0757 | LF | 12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section | 36.55 | 8.47 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.07* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.95* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.83* | |
| 26 05 36 00-0758 | LF | 18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section | 40.41 | 9.24 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.51* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.27* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.02* | |
| 26 05 36 00-0759 | LF | 24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section | 45.55 | 9.90 |
| | | *For Class 12C Instead Of Class 12B, Add* | *5.19* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.73* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.28* | |
| 26 05 36 00-0760 | LF | 30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section | 49.60 | 10.56 |
| | | *For Class 12C Instead Of Class 12B, Add* | *5.69* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.08* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.48* | |
| 26 05 36 00-0761 | LF | 36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section | 53.35 | 11.22 |
| | | *For Class 12C Instead Of Class 12B, Add* | *6.13* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-4.40* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.67* | |
| 26 05 36 00-0762 | | 9" Rung Spacing *(26 05 36 00-0745)* | | |
| 26 05 36 00-0763 | LF | 6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section | 29.94 | 7.37 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.26* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.38* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.50* | |
| 26 05 36 00-0764 | LF | 9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section | 30.58 | 7.70 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.30* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.41* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.53* | |
| 26 05 36 00-0765 | LF | 12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section | 32.57 | 8.14 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.54* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.58* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.63* | |
| 26 05 36 00-0766 | LF | 18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section | 34.83 | 8.69 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.78* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.76* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.74* | |
| 26 05 36 00-0767 | LF | 24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section | 38.46 | 9.02 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.27* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.10* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.92* | |
| 26 05 36 00-0768 | LF | 30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section | 42.32 | 9.68 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.73* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.42* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.12* | |
| 26 05 36 00-0769 | LF | 36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section | 45.20 | 10.56 |
| | | *For Class 12C Instead Of Class 12B, Add* | *5.02* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.26* | |
| 26 05 36 00-0770 | | 12" Rung Spacing *(26 05 36 00-0745)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0771 | LF | 6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section | 29.21 | 7.15 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.19* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.33* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.46* | |
| 26 05 36 00-0772 | LF | 9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section | 29.74 | 7.37 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.23* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.36* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.49* | |
| 26 05 36 00-0773 | LF | 12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section | 31.05 | 7.81 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.35* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.55* | |
| 26 05 36 00-0774 | LF | 18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section | 32.89 | 8.25 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.55* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.60* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.64* | |
| 26 05 36 00-0775 | LF | 24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section | 35.24 | 8.36 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.88* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.82* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.76* | |
| 26 05 36 00-0776 | LF | 30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section | 38.03 | 9.24 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.17* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.90* | |
| 26 05 36 00-0777 | LF | 36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section | 40.50 | 10.00 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.41* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.22* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *2.03* | |
| **26 05 36 00-0778** | | **18" Rung Spacing** *(26 05 36 00-0745)* | | |
| 26 05 36 00-0779 | LF | 6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section | 28.79 | 6.93 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.16* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.30* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.44* | |
| 26 05 36 00-0780 | LF | 9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section | 29.02 | 7.26 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.15* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.30* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.45* | |
| 26 05 36 00-0781 | LF | 12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section | 30.50 | 7.48 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.32* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.42* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.53* | |
| 26 05 36 00-0782 | LF | 18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section | 32.13 | 7.92 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.50* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.56* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.61* | |
| 26 05 36 00-0783 | LF | 24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section | 33.80 | 8.03 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.73* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.71* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.69* | |
| 26 05 36 00-0784 | LF | 30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section | 35.70 | 8.80 |
| | | *For Class 12C Instead Of Class 12B, Add* | *3.90* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-2.84* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.79* | |
| 26 05 36 00-0785 | LF | 36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section | 38.08 | 9.57 |
| | | *For Class 12C Instead Of Class 12B, Add* | *4.11* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-3.01* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *1.90* | |
| **26 05 36 00-0786** | | **4" Rung Tray Fittings** *(26 05 36 00-0744)* | | |
| **26 05 36 00-0787** | | **90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0788 | EA | 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 292.24 | 110.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.61* | |
| 26 05 36 00-0789 | EA | 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 320.60 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.03* | |
| 26 05 36 00-0790 | EA | 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 363.22 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.75* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.16* | |
| 26 05 36 00-0791 | EA | 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 432.01 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.01* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.60* | |
| 26 05 36 00-0792 | EA | 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 509.71 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.68* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.49* | |
| 26 05 36 00-0793 | EA | 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 561.53 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.82* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.08* | |
| 26 05 36 00-0794 | EA | 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 655.12 | 251.44 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.56* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.76* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-0795** | | **90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0796 | EA | 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 383.38 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.17* | |
| 26 05 36 00-0797 | EA | 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 420.19 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.01* | |
| 26 05 36 00-0798 | EA | 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 454.42 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.22* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.72* | |
| 26 05 36 00-0799 | EA | 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 531.34 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.96* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.57* | |
| 26 05 36 00-0800 | EA | 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 601.88 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.58* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.09* | |
| 26 05 36 00-0801 | EA | 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 672.80 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.30* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.64* | |
| 26 05 36 00-0802 | EA | 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 770.38 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.89* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.52* | |
| **26 05 36 00-0803** | | **90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0804 | EA | 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 411.20 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.13* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.56* | |
| 26 05 36 00-0805 | EA | 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 448.12 | 138.81 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.25* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.41* | |
| 26 05 36 00-0806 | EA | 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 500.49 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.10* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.02* | |
| 26 05 36 00-0807 | EA | 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 597.55 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.88* | |
| 26 05 36 00-0808 | EA | 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 689.89 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.49* | |
| 26 05 36 00-0809 | EA | 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 777.60 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.76* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.88* | |
| 26 05 36 00-0810 | EA | 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 903.92 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.20* | |
| **26 05 36 00-0811** | | **45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0812 | EA | 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 204.59 | 79.96 |
| | | *For 60 Degree Bend, Deduct* | *-36.87* | |
| | | *For 30 Degree Bend, Deduct* | *-65.90* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-13.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *10.23* | |
| 26 05 36 00-0813 | EA | 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 233.89 | 95.91 |
| | | *For 60 Degree Bend, Deduct* | *-40.43* | |
| | | *For 30 Degree Bend, Deduct* | *-72.72* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.40* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.69* | |
| 26 05 36 00-0814 | EA | 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 260.18 | 109.99 |
| | | *For 60 Degree Bend, Deduct* | *-43.70* | |
| | | *For 30 Degree Bend, Deduct* | *-78.94* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.85* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.01* | |
| 26 05 36 00-0815 | EA | 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 322.24 | 139.03 |
| | | *For 60 Degree Bend, Deduct* | *-53.06* | |
| | | *For 30 Degree Bend, Deduct* | *-96.15* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.11* | |
| 26 05 36 00-0816 | EA | 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 396.32 | 170.26 |
| | | *For 60 Degree Bend, Deduct* | *-65.52* | |
| | | *For 30 Degree Bend, Deduct* | *-118.65* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.44* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.82* | |
| 26 05 36 00-0817 | EA | 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 454.81 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-75.15* | |
| | | *For 30 Degree Bend, Deduct* | *-136.12* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.74* | |
| 26 05 36 00-0818 | EA | 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 516.95 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-82.63* | |
| | | *For 30 Degree Bend, Deduct* | *-150.47* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.85* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-0819** | | **45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0820 | EA | 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 233.49 | 82.49 |
| | | *For 60 Degree Bend, Deduct* | *-45.45* | |
| | | *For 30 Degree Bend, Deduct* | *-80.32* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.48* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.67* | |
| 26 05 36 00-0821 | EA | 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 272.80 | 99.43 |
| | | *For 60 Degree Bend, Deduct* | *-51.90* | |
| | | *For 30 Degree Bend, Deduct* | *-92.03* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.99* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.64* | |
| 26 05 36 00-0822 | EA | 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 301.16 | 114.83 |
| | | *For 60 Degree Bend, Deduct* | *-55.37* | |
| | | *For 30 Degree Bend, Deduct* | *-98.66* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.06* | |
| 26 05 36 00-0823 | EA | 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 362.46 | 146.62 |
| | | *For 60 Degree Bend, Deduct* | *-63.39* | |
| | | *For 30 Degree Bend, Deduct* | *-113.80* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.02* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.12* | |
| 26 05 36 00-0824 | EA | 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 440.76 | 182.14 |
| | | *For 60 Degree Bend, Deduct* | *-75.64* | |
| | | *For 30 Degree Bend, Deduct* | *-136.19* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.90* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.04* | |
| 26 05 36 00-0825 | EA | 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 516.79 | 211.29 |
| | | *For 60 Degree Bend, Deduct* | *-89.56* | |
| | | *For 30 Degree Bend, Deduct* | *-161.00* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.07* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.84* | |
| 26 05 36 00-0826 | EA | 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 592.11 | 251.55 |
| | | *For 60 Degree Bend, Deduct* | *-98.98* | |
| | | *For 30 Degree Bend, Deduct* | *-178.95* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.25* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.61* | |
| **26 05 36 00-0827** | | **45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0828 | EA | 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 270.83 | 85.14 |
| | | *For 60 Degree Bend, Deduct* | *-56.76* | |
| | | *For 30 Degree Bend, Deduct* | *-99.32* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.99* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.54* | |
| 26 05 36 00-0829 | EA | 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 304.05 | 103.39 |
| | | *For 60 Degree Bend, Deduct* | *-60.71* | |
| | | *For 30 Degree Bend, Deduct* | *-106.93* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.20* | |
| 26 05 36 00-0830 | EA | 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 334.49 | 120.00 |
| | | *For 60 Degree Bend, Deduct* | *-64.38* | |
| | | *For 30 Degree Bend, Deduct* | *-113.97* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.72* | |
| 26 05 36 00-0831 | EA | 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 407.16 | 155.31 |
| | | *For 60 Degree Bend, Deduct* | *-74.81* | |
| | | *For 30 Degree Bend, Deduct* | *-133.31* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.36* | |
| 26 05 36 00-0832 | EA | 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 506.97 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-92.37* | |
| | | *For 30 Degree Bend, Deduct* | *-164.80* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.41* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.35* | |
| 26 05 36 00-0833 | EA | 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 574.60 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-101.65* | |
| | | *For 30 Degree Bend, Deduct* | *-182.17* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.34* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.73* | |
| 26 05 36 00-0834 | EA | 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 674.30 | 277.74 |
| | | *For 60 Degree Bend, Deduct* | *-116.04* | |
| | | *For 30 Degree Bend, Deduct* | *-208.84* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.28* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.72* | |
| **26 05 36 00-0835** | | **90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0836 | EA | 6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 318.12 | 109.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.91* | |
| 26 05 36 00-0837 | EA | 9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 351.58 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.69* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.58* | |
| 26 05 36 00-0838 | EA | 12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 376.06 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0839 | EA | 18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 433.28 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.66* | |
| 26 05 36 00-0840 | EA | 24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 482.66 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.13* | |
| 26 05 36 00-0841 | EA | 30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 530.85 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.75* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.54* | |
| 26 05 36 00-0842 | EA | 36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 587.65 | 251.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.84* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.38* | |

## 26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0844 | EA | 6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 337.06 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.85* | |
| 26 05 36 00-0845 | EA | 9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 371.94 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.60* | |
| 26 05 36 00-0846 | EA | 12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 400.06 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.00* | |
| 26 05 36 00-0847 | EA | 18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 467.72 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.60* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.39* | |
| 26 05 36 00-0848 | EA | 24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 526.10 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.01* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.31* | |
| 26 05 36 00-0849 | EA | 30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 583.50 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.37* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.18* | |
| 26 05 36 00-0850 | EA | 36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 659.01 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.75* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.95* | |

## 26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0852 | EA | 6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 425.32 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.27* | |
| 26 05 36 00-0853 | EA | 9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 461.84 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.61* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.09* | |
| 26 05 36 00-0854 | EA | 12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 504.02 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.46* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.20* | |
| 26 05 36 00-0855 | EA | 18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 580.69 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.03* | |
| 26 05 36 00-0856 | EA | 24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 647.14 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.36* | |
| 26 05 36 00-0857 | EA | 30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 724.27 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.43* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.21* | |
| 26 05 36 00-0858 | EA | 36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 813.44 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.50* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.67* | |

## 26 05 36 00-0859 12" Radius Horizontal Tees *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0860 | EA | 6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 507.57 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.15* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.38* | |
| 26 05 36 00-0861 | EA | 9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 548.13 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.69* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *27.41* | |
| 26 05 36 00-0862 | EA | 12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 567.91 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.81* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.40* | |
| 26 05 36 00-0863 | EA | 18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 641.33 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.13* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.07* | |
| 26 05 36 00-0864 | EA | 24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 710.17 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.60* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.51* | |
| 26 05 36 00-0865 | EA | 30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 775.30 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.77* | |
| 26 05 36 00-0866 | EA | 36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 894.74 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-60.16* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-0867** | | **24" Radius Horizontal Tees** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0868 | EA | 6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 647.54 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.63* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.38* | |
| 26 05 36 00-0869 | EA | 9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 699.56 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.98* | |
| 26 05 36 00-0870 | EA | 12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 728.00 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.40* | |
| 26 05 36 00-0871 | EA | 18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 801.94 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.10* | |
| 26 05 36 00-0872 | EA | 24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 891.51 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.58* | |
| 26 05 36 00-0873 | EA | 30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 961.01 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-66.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *48.05* | |
| 26 05 36 00-0874 | EA | 36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,250.80 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-91.22* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *62.54* | |
| **26 05 36 00-0875** | | **36" Radius Horizontal Tees** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0876 | EA | 6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 793.87 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.43* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.69* | |
| 26 05 36 00-0877 | EA | 9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 847.82 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.39* | |
| 26 05 36 00-0878 | EA | 12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 908.99 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-66.48* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.45* | |
| 26 05 36 00-0879 | EA | 18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 993.47 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-71.85* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.67* | |
| 26 05 36 00-0880 | EA | 24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,117.20 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.33* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *55.86* | |
| 26 05 36 00-0881 | EA | 30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,296.68 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-95.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *64.83* | |
| 26 05 36 00-0882 | EA | 36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,487.57 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-108.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *74.38* | |
| **26 05 36 00-0883** | | **12" Radius Vertical Tees** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0884 | EA | 6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 675.00 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.21* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.75* | |
| 26 05 36 00-0885 | EA | 9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 698.04 | 203.15 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.90* | |
| 26 05 36 00-0886 | EA | 12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 714.03 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.70* | |
| 26 05 36 00-0887 | EA | 18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 752.04 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.08* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *37.60* | |
| 26 05 36 00-0888 | EA | 24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 799.86 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-60.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.99* | |
| 26 05 36 00-0889 | EA | 30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 847.79 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-62.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.39* | |
| 26 05 36 00-0890 | EA | 36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 908.99 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-66.48* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.45* | |
| **26 05 36 00-0891** | | **24" Radius Vertical Tees** *(26 05 36 00-0786)* | | |
| 26 05 36 00-0892 | EA | 6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 943.44 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.74* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.17* | |
| 26 05 36 00-0893 | EA | 9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 965.63 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *48.28* | |
| 26 05 36 00-0894 | EA | 12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 989.09 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-79.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.45* | |
| 26 05 36 00-0895 | EA | 18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,043.66 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-83.41* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *52.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0896 | EA | 24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,079.74 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-85.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *53.99* | |
| 26 05 36 00-0897 | EA | 30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,143.49 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-89.93* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *57.17* | |
| 26 05 36 00-0898 | EA | 36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,263.65 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-98.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *63.18* | |

## 26 05 36 00-0899 36" Radius Vertical Tee *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0900 | EA | 6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,507.41 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-131.62* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *75.37* | |
| 26 05 36 00-0901 | EA | 9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,539.24 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-133.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *76.96* | |
| 26 05 36 00-0902 | EA | 12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,573.35 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-136.38* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *78.67* | |
| 26 05 36 00-0903 | EA | 18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,631.74 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-140.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *81.59* | |
| 26 05 36 00-0904 | EA | 24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,671.82 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-142.76* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *83.59* | |
| 26 05 36 00-0905 | EA | 30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,777.18 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-150.22* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *88.86* | |
| 26 05 36 00-0906 | EA | 36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,869.64 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-155.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *93.48* | |

## 26 05 36 00-0907 12" Radius Horizontal Crosses *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0908 | EA | 6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 656.63 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.83* | |
| 26 05 36 00-0909 | EA | 9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 702.54 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.11* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.13* | |
| 26 05 36 00-0910 | EA | 12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 730.57 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.53* | |
| 26 05 36 00-0911 | EA | 18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 810.98 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.21* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.55* | |
| 26 05 36 00-0912 | EA | 24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 889.64 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.48* | |
| 26 05 36 00-0913 | EA | 30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 984.66 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-67.08* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.23* | |
| 26 05 36 00-0914 | EA | 36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 1,123.36 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *56.17* | |

## 26 05 36 00-0915 24" Radius Horizontal Crosses *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0916 | EA | 6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 903.89 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.97* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.19* | |
| 26 05 36 00-0917 | EA | 9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 946.08 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.72* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.30* | |
| 26 05 36 00-0918 | EA | 12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 990.92 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-71.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.55* | |
| 26 05 36 00-0919 | EA | 18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,050.22 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-75.71* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *52.51* | |
| 26 05 36 00-0920 | EA | 24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,181.98 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.33* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *59.10* | |
| 26 05 36 00-0921 | EA | 30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,427.45 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-106.08* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *71.37* | |
| 26 05 36 00-0922 | EA | 36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,581.94 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-118.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *79.10* | |

## 26 05 36 00-0923 36" Radius Horizontal Crosses *(26 05 36 00-0786)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0924 | EA | 6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,039.35 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.44* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *51.97* | |
| 26 05 36 00-0925 | EA | 9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,241.19 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-94.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *62.06* | |
| 26 05 36 00-0926 | EA | 12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,321.97 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-100.81* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *66.10* | |
| 26 05 36 00-0927 | EA | 18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,253.35 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-91.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *62.67* | |
| 26 05 36 00-0928 | EA | 24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,513.06 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-111.34* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *75.65* | |
| 26 05 36 00-0929 | EA | 30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,668.70 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-122.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *83.44* | |
| 26 05 36 00-0930 | EA | 36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,857.95 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-136.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *92.90* | |

## 26 05 36 00-0931 12" Radius Vertical Cross *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0932 | EA | 6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 656.63 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.83* | |
| 26 05 36 00-0933 | EA | 9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 702.69 | 277.85 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.11* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.13* | |
| 26 05 36 00-0934 | EA | 12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 730.49 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.63* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.52* | |
| 26 05 36 00-0935 | EA | 18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 811.17 | 310.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.21* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.56* | |
| 26 05 36 00-0936 | EA | 24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 889.64 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.48* | |
| 26 05 36 00-0937 | EA | 30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 984.95 | 376.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-67.09* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.25* | |
| 26 05 36 00-0938 | EA | 36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray | 1,122.53 | 405.87 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.43* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *56.13* | |

## 26 05 36 00-0939 24" Radius Vertical Crosses *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0940 | EA | 6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 903.89 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.97* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.19* | |
| 26 05 36 00-0941 | EA | 9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 946.08 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.72* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.30* | |
| 26 05 36 00-0942 | EA | 12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 990.92 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-71.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.55* | |
| 26 05 36 00-0943 | EA | 18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,050.22 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-75.71* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *52.51* | |
| 26 05 36 00-0944 | EA | 24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,181.98 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.33* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *59.10* | |
| 26 05 36 00-0945 | EA | 30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,273.66 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-90.70* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *63.68* | |
| 26 05 36 00-0946 | EA | 36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,408.56 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-100.89* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *70.43* | |

## 26 05 36 00-0947 36" Radius Vertical Crosses *(26 05 36 00-0786)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0948 | EA | 6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,259.57 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-98.46* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *62.98* | |
| 26 05 36 00-0949 | EA | 9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,325.50 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-103.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *66.28* | |
| 26 05 36 00-0950 | EA | 12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,411.34 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-109.74* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *70.57* | |
| 26 05 36 00-0951 | EA | 18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,512.58 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-117.39* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *75.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0952 | EA | 24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,834.22 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-143.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *91.71* | |
| 26 05 36 00-0953 | EA | 30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 2,024.27 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-158.50* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *101.21* | |
| 26 05 36 00-0954 | EA | 36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray | 2,253.67 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-176.44* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *112.68* | |

### 26 05 36 00-0955 6" Rung Tray Fittings *(26 05 36 00-0744)*

### 26 05 36 00-0956 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0957 | EA | 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 276.75 | 110.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.48* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.84* | |
| 26 05 36 00-0958 | EA | 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 304.72 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.24* | |
| 26 05 36 00-0959 | EA | 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 344.40 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.22* | |
| 26 05 36 00-0960 | EA | 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 410.83 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.89* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.54* | |
| 26 05 36 00-0961 | EA | 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 483.44 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.05* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.17* | |
| 26 05 36 00-0962 | EA | 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 533.69 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.68* | |
| 26 05 36 00-0963 | EA | 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 621.39 | 251.44 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.07* | |

### 26 05 36 00-0964 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0965 | EA | 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 355.93 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.80* | |
| 26 05 36 00-0966 | EA | 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 391.57 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.17* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.58* | |
| 26 05 36 00-0967 | EA | 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 424.42 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.22* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.22* | |
| 26 05 36 00-0968 | EA | 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 498.80 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.70* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.94* | |
| 26 05 36 00-0969 | EA | 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 566.20 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.02* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.31* | |
| 26 05 36 00-0970 | EA | 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 633.79 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.40* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.69* | |
| 26 05 36 00-0971 | EA | 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 726.46 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.50* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.32* | |

### 26 05 36 00-0972 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-0973 | EA | 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 381.01 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.11* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.05* | |
| 26 05 36 00-0974 | EA | 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 417.14 | 138.81 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.15* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.86* | |
| 26 05 36 00-0975 | EA | 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 465.98 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.30* | |
| 26 05 36 00-0976 | EA | 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 558.73 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.58* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *27.94* | |
| 26 05 36 00-0977 | EA | 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 645.97 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.30* | |
| 26 05 36 00-0978 | EA | 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 729.37 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.47* | |
| 26 05 36 00-0979 | EA | 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 848.63 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.02* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.43* | |

### 26 05 36 00-0980 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0981 | EA | 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 194.39 | 79.96 |
| | | *For 60 Degree Bend, Deduct* | *-33.51* | |
| | | *For 30 Degree Bend, Deduct* | *-60.29* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-12.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *9.72* | |
| 26 05 36 00-0982 | EA | 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 223.31 | 95.91 |
| | | *For 60 Degree Bend, Deduct* | *-36.94* | |
| | | *For 30 Degree Bend, Deduct* | *-66.90* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-14.34* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.17* | |
| 26 05 36 00-0983 | EA | 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 249.20 | 109.99 |
| | | *For 60 Degree Bend, Deduct* | *-40.07* | |
| | | *For 30 Degree Bend, Deduct* | *-72.90* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.75* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *12.46* | |
| 26 05 36 00-0984 | EA | 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 309.30 | 139.03 |
| | | *For 60 Degree Bend, Deduct* | *-48.79* | |
| | | *For 30 Degree Bend, Deduct* | *-89.03* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.35* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.47* | |
| 26 05 36 00-0985 | EA | 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 380.25 | 170.26 |
| | | *For 60 Degree Bend, Deduct* | *-60.21* | |
| | | *For 30 Degree Bend, Deduct* | *-109.81* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.84* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.01* | |
| 26 05 36 00-0986 | EA | 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 436.38 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-69.07* | |
| | | *For 30 Degree Bend, Deduct* | *-125.98* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.35* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.82* | |
| 26 05 36 00-0987 | EA | 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 497.74 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-76.29* | |
| | | *For 30 Degree Bend, Deduct* | *-139.90* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.89* | |
| **26 05 36 00-0988** | | **45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)* | | |
| 26 05 36 00-0989 | EA | 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 219.77 | 82.49 |
| | | *For 60 Degree Bend, Deduct* | *-40.92* | |
| | | *For 30 Degree Bend, Deduct* | *-72.78* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.11* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *10.99* | |
| 26 05 36 00-0990 | EA | 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 257.51 | 99.43 |
| | | *For 60 Degree Bend, Deduct* | *-46.86* | |
| | | *For 30 Degree Bend, Deduct* | *-83.62* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.46* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *12.88* | |
| 26 05 36 00-0991 | EA | 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 285.47 | 114.83 |
| | | *For 60 Degree Bend, Deduct* | *-50.19* | |
| | | *For 30 Degree Bend, Deduct* | *-90.03* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.27* | |
| 26 05 36 00-0992 | EA | 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 345.60 | 146.62 |
| | | *For 60 Degree Bend, Deduct* | *-57.83* | |
| | | *For 30 Degree Bend, Deduct* | *-104.53* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.34* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.28* | |
| 26 05 36 00-0993 | EA | 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 421.15 | 182.14 |
| | | *For 60 Degree Bend, Deduct* | *-69.17* | |
| | | *For 30 Degree Bend, Deduct* | *-125.40* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.06* | |
| 26 05 36 00-0994 | EA | 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 493.26 | 211.29 |
| | | *For 60 Degree Bend, Deduct* | *-81.80* | |
| | | *For 30 Degree Bend, Deduct* | *-148.06* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.72* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.66* | |
| 26 05 36 00-0995 | EA | 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 567.41 | 251.55 |
| | | *For 60 Degree Bend, Deduct* | *-90.83* | |
| | | *For 30 Degree Bend, Deduct* | *-165.36* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.37* | |
| **26 05 36 00-0996** | | **45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)* | | |
| 26 05 36 00-0997 | EA | 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 252.40 | 85.14 |
| | | *For 60 Degree Bend, Deduct* | *-50.67* | |
| | | *For 30 Degree Bend, Deduct* | *-89.18* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.15* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *12.62* | |
| 26 05 36 00-0998 | EA | 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 285.23 | 103.39 |
| | | *For 60 Degree Bend, Deduct* | *-54.50* | |
| | | *For 30 Degree Bend, Deduct* | *-96.58* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.91* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-0999 | EA | 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 315.28 | 120.00 |
| | | *For 60 Degree Bend, Deduct* | *-58.04* | |
| | | *For 30 Degree Bend, Deduct* | *-103.41* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.53* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.76* | |
| 26 05 36 00-1000 | EA | 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 385.98 | 155.31 |
| | | *For 60 Degree Bend, Deduct* | *-67.82* | |
| | | *For 30 Degree Bend, Deduct* | *-121.66* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.30* | |
| 26 05 36 00-1001 | EA | 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 481.09 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-83.83* | |
| | | *For 30 Degree Bend, Deduct* | *-150.57* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.82* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.05* | |
| 26 05 36 00-1002 | EA | 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 547.15 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-92.60* | |
| | | *For 30 Degree Bend, Deduct* | *-167.08* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *27.36* | |
| 26 05 36 00-1003 | EA | 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 644.11 | 277.74 |
| | | *For 60 Degree Bend, Deduct* | *-106.08* | |
| | | *For 30 Degree Bend, Deduct* | *-192.23* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.26* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.21* | |
| **26 05 36 00-1004** | | **90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1005 | EA | 6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 307.33 | 109.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.37* | |
| 26 05 36 00-1006 | EA | 9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 340.21 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.01* | |
| 26 05 36 00-1007 | EA | 12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 364.49 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.88* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.22* | |
| 26 05 36 00-1008 | EA | 18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 421.32 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.07* | |
| 26 05 36 00-1009 | EA | 24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 470.11 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.72* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.51* | |
| 26 05 36 00-1010 | EA | 30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 517.71 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.44* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.89* | |
| 26 05 36 00-1011 | EA | 36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 574.12 | 251.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.49* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.71* | |
| **26 05 36 00-1012** | | **90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1013 | EA | 6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 325.39 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.27* | |
| 26 05 36 00-1014 | EA | 9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 359.79 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.99* | |
| 26 05 36 00-1015 | EA | 12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 387.61 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.38* | |
| 26 05 36 00-1016 | EA | 18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 454.58 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.28* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.73* | |
| 26 05 36 00-1017 | EA | 24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 512.18 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.61* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.61* | |
| 26 05 36 00-1018 | EA | 30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 568.79 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.90* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.44* | |
| 26 05 36 00-1019 | EA | 36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 643.32 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.17* | |
| **26 05 36 00-1020** | | **90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1021 | EA | 6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 407.28 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.74* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.36* | |
| 26 05 36 00-1022 | EA | 9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 443.41 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.17* | |
| 26 05 36 00-1023 | EA | 12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 484.41 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.49* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.22* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1024 | EA | 18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 560.30 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.74* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.02* | |
| 26 05 36 00-1025 | EA | 24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 625.97 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.30* | |
| 26 05 36 00-1026 | EA | 30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 701.53 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.15* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.08* | |
| 26 05 36 00-1027 | EA | 36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 789.71 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.13* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.49* | |

## 26 05 36 00-1028 12" Radius Horizontal Tees *(26 05 36 00-0955)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1029 | EA | 6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 495.61 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.96* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.78* | |
| 26 05 36 00-1030 | EA | 9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 535.38 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.42* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.77* | |
| 26 05 36 00-1031 | EA | 12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 554.97 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.51* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *27.75* | |
| 26 05 36 00-1032 | EA | 18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 625.84 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.29* | |
| 26 05 36 00-1033 | EA | 24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 693.12 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.89* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.66* | |
| 26 05 36 00-1034 | EA | 30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 755.50 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *37.78* | |
| 26 05 36 00-1035 | EA | 36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 871.01 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-57.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.55* | |

## 26 05 36 00-1036 24" Radius Horizontal Tees *(26 05 36 00-0955)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1037 | EA | 6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 627.14 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.36* | |
| 26 05 36 00-1038 | EA | 9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 677.99 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.84* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.90* | |
| 26 05 36 00-1039 | EA | 12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 705.84 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.29* | |
| 26 05 36 00-1040 | EA | 18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 777.82 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.36* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.89* | |
| 26 05 36 00-1041 | EA | 24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 865.24 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.26* | |
| 26 05 36 00-1042 | EA | 30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 932.19 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-63.90* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *46.61* | |
| 26 05 36 00-1043 | EA | 36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,206.69 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *60.33* | |

## 26 05 36 00-1044 36" Radius Horizontal Tees *(26 05 36 00-0955)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1045 | EA | 6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 765.05 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.25* | |
| 26 05 36 00-1046 | EA | 9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 818.22 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.68* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.91* | |
| 26 05 36 00-1047 | EA | 12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 876.64 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-63.24* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.83* | |
| 26 05 36 00-1048 | EA | 18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 959.35 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.44* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.97* | |
| 26 05 36 00-1049 | EA | 24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,079.55 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.56* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *53.98* | |
| 26 05 36 00-1050 | EA | 30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,249.04 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-91.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *62.45* | |
| 26 05 36 00-1051 | EA | 36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,434.64 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-103.50* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *71.73* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-1052** | | **12" Radius Vertical Tees** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1053 | EA | 6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 648.14 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.52* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.41* | |
| 26 05 36 00-1054 | EA | 9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 670.39 | 203.15 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.11* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.52* | |
| 26 05 36 00-1055 | EA | 12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 686.19 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.01* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.31* | |
| 26 05 36 00-1056 | EA | 18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 723.61 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.24* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.18* | |
| 26 05 36 00-1057 | EA | 24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 769.07 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.92* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.45* | |
| 26 05 36 00-1058 | EA | 30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 816.42 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.82* | |
| 26 05 36 00-1059 | EA | 36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 876.64 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-63.24* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.83* | |
| **26 05 36 00-1060** | | **24" Radius Vertical Tees** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1061 | EA | 6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 897.95 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.90* | |
| 26 05 36 00-1062 | EA | 9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 919.56 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-73.62* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.98* | |
| 26 05 36 00-1063 | EA | 12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 942.42 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-75.12* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.12* | |
| 26 05 36 00-1064 | EA | 18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 995.62 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.60* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.78* | |
| 26 05 36 00-1065 | EA | 24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,030.53 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-81.05* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *51.53* | |
| 26 05 36 00-1066 | EA | 30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,093.10 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-84.89* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *54.66* | |
| 26 05 36 00-1067 | EA | 36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,208.75 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-93.38* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *60.44* | |
| **26 05 36 00-1068** | | **36" Radius Vertical Tees** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1069 | EA | 6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,420.87 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-122.96* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *71.04* | |
| 26 05 36 00-1070 | EA | 9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,451.58 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-125.17* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *72.58* | |
| 26 05 36 00-1071 | EA | 12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,484.57 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-127.50* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *74.23* | |
| 26 05 36 00-1072 | EA | 18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,541.83 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-131.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *77.09* | |
| 26 05 36 00-1073 | EA | 24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,580.79 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-133.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *79.04* | |
| 26 05 36 00-1074 | EA | 30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,682.78 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-140.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *84.14* | |
| 26 05 36 00-1075 | EA | 36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,774.11 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-146.02* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *88.71* | |
| **26 05 36 00-1076** | | **12" Radius Horizontal Crosses** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1077 | EA | 6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 639.96 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.00* | |
| 26 05 36 00-1078 | EA | 9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 684.11 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.26* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.21* | |
| 26 05 36 00-1079 | EA | 12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 711.94 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.60* | |
| 26 05 36 00-1080 | EA | 18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 788.44 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.95* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1081 | EA | 24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 866.31 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-57.32* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.32* | |
| 26 05 36 00-1082 | EA | 30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 957.21 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.33* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.86* | |
| 26 05 36 00-1083 | EA | 36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 1,089.05 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-75.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *54.45* | |
| **26 05 36 00-1084** | | **24" Radius Horizontal Crosses** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1085 | EA | 6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 871.93 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-62.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.60* | |
| 26 05 36 00-1086 | EA | 9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 913.14 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.42* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.66* | |
| 26 05 36 00-1087 | EA | 12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 957.00 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.85* | |
| 26 05 36 00-1088 | EA | 18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,014.54 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *50.73* | |
| 26 05 36 00-1089 | EA | 24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,143.16 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *57.16* | |
| 26 05 36 00-1090 | EA | 30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,232.09 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *61.60* | |
| 26 05 36 00-1091 | EA | 36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,361.70 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-96.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *68.09* | |
| **26 05 36 00-1092** | | **36" Radius Horizontal Crosses** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1093 | EA | 6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,001.70 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.67* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *50.09* | |
| 26 05 36 00-1094 | EA | 9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,056.89 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.37* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *52.84* | |
| 26 05 36 00-1095 | EA | 12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,126.61 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-81.27* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *56.33* | |
| 26 05 36 00-1096 | EA | 18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,209.04 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-87.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *60.45* | |
| 26 05 36 00-1097 | EA | 24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,458.16 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-105.85* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *72.91* | |
| 26 05 36 00-1098 | EA | 30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,607.92 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-116.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *80.40* | |
| 26 05 36 00-1099 | EA | 36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,790.31 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-130.10* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *89.52* | |
| **26 05 36 00-1100** | | **12" Radius Vertical Crosses** *(26 05 36 00-0955)* | | |
| 26 05 36 00-1101 | EA | 6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 639.96 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.00* | |
| 26 05 36 00-1102 | EA | 9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 684.26 | 277.85 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.27* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.21* | |
| 26 05 36 00-1103 | EA | 12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 711.86 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.59* | |
| 26 05 36 00-1104 | EA | 18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 788.63 | 310.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.96* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.43* | |
| 26 05 36 00-1105 | EA | 24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 866.31 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-57.32* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.32* | |
| 26 05 36 00-1106 | EA | 30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 957.50 | 376.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.35* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.88* | |
| 26 05 36 00-1107 | EA | 36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray | 1,088.22 | 405.87 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-75.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *54.41* | |
| **26 05 36 00-1108** | | **24" Radius Vertical Crosses** *(26 05 36 00-0955)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1109 | EA | 6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 871.93 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-62.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.60* | |
| 26 05 36 00-1110 | EA | 9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 913.14 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.42* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.66* | |
| 26 05 36 00-1111 | EA | 12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 957.00 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.85* | |
| 26 05 36 00-1112 | EA | 18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,014.54 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *50.73* | |
| 26 05 36 00-1113 | EA | 24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,143.16 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *57.16* | |
| 26 05 36 00-1114 | EA | 30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,232.09 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *61.60* | |
| 26 05 36 00-1115 | EA | 36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,361.70 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-96.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *68.09* | |

### 26 05 36 00-1116 36" Radius Vertical Crosses *(26 05 36 00-0955)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1117 | EA | 6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,204.99 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-93.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *60.25* | |
| 26 05 36 00-1118 | EA | 9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,268.64 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-97.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *63.43* | |
| 26 05 36 00-1119 | EA | 12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,351.07 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-103.72* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *67.55* | |
| 26 05 36 00-1120 | EA | 18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,448.32 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-110.97* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *72.42* | |
| 26 05 36 00-1121 | EA | 24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,754.62 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-135.49* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *87.73* | |
| 26 05 36 00-1122 | EA | 30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,936.14 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-149.69* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *96.81* | |
| 26 05 36 00-1123 | EA | 36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray | 2,155.59 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-166.63* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *107.78* | |

### 26 05 36 00-1124 9" Rung Tray Fittings *(26 05 36 00-0744)*

### 26 05 36 00-1125 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1126 | EA | 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 261.26 | 110.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.06* | |
| 26 05 36 00-1127 | EA | 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 288.84 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.41* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.44* | |
| 26 05 36 00-1128 | EA | 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 325.57 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.28* | |
| 26 05 36 00-1129 | EA | 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 389.66 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.48* | |
| 26 05 36 00-1130 | EA | 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 457.17 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.43* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.86* | |
| 26 05 36 00-1131 | EA | 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 505.85 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.25* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.29* | |
| 26 05 36 00-1132 | EA | 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 587.67 | 251.44 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.81* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.38* | |

### 26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1134 | EA | 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 328.48 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.29* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.42* | |
| 26 05 36 00-1135 | EA | 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 362.94 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.30* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.15* | |
| 26 05 36 00-1136 | EA | 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 394.42 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.22* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.72* | |
| 26 05 36 00-1137 | EA | 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 466.25 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.31* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1138 | EA | 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 530.51 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.53* | |
| 26 05 36 00-1139 | EA | 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 594.77 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.49* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.74* | |
| 26 05 36 00-1140 | EA | 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 682.54 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.11* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.13* | |
| **26 05 36 00-1141** | | **90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1142 | EA | 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 350.81 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.09* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.54* | |
| 26 05 36 00-1143 | EA | 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 386.16 | 138.81 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.05* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.31* | |
| 26 05 36 00-1144 | EA | 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 431.47 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.57* | |
| 26 05 36 00-1145 | EA | 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 519.91 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.70* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.00* | |
| 26 05 36 00-1146 | EA | 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 602.05 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.08* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.10* | |
| 26 05 36 00-1147 | EA | 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 681.14 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.12* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.06* | |
| 26 05 36 00-1148 | EA | 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 793.34 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.49* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.67* | |
| **26 05 36 00-1149** | | **45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1150 | EA | 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 184.20 | 79.96 |
| | | *For 60 Degree Bend, Deduct* | *-30.15* | |
| | | *For 30 Degree Bend, Deduct* | *-54.68* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-11.76* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *9.21* | |
| 26 05 36 00-1151 | EA | 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 212.72 | 95.91 |
| | | *For 60 Degree Bend, Deduct* | *-33.45* | |
| | | *For 30 Degree Bend, Deduct* | *-61.07* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-13.28* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *10.64* | |
| 26 05 36 00-1152 | EA | 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 238.22 | 109.99 |
| | | *For 60 Degree Bend, Deduct* | *-36.45* | |
| | | *For 30 Degree Bend, Deduct* | *-66.86* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-14.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.91* | |
| 26 05 36 00-1153 | EA | 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 296.36 | 139.03 |
| | | *For 60 Degree Bend, Deduct* | *-44.52* | |
| | | *For 30 Degree Bend, Deduct* | *-81.92* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.05* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.82* | |
| 26 05 36 00-1154 | EA | 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 364.17 | 170.26 |
| | | *For 60 Degree Bend, Deduct* | *-54.91* | |
| | | *For 30 Degree Bend, Deduct* | *-100.97* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.21* | |
| 26 05 36 00-1155 | EA | 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 417.95 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-62.99* | |
| | | *For 30 Degree Bend, Deduct* | *-115.84* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.51* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.90* | |
| 26 05 36 00-1156 | EA | 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 478.52 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-69.95* | |
| | | *For 30 Degree Bend, Deduct* | *-129.33* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.73* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.93* | |
| **26 05 36 00-1157** | | **45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1158 | EA | 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 206.04 | 82.49 |
| | | *For 60 Degree Bend, Deduct* | *-36.39* | |
| | | *For 30 Degree Bend, Deduct* | *-65.23* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-13.73* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *10.30* | |
| 26 05 36 00-1159 | EA | 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 242.22 | 99.43 |
| | | *For 60 Degree Bend, Deduct* | *-41.81* | |
| | | *For 30 Degree Bend, Deduct* | *-75.21* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.93* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *12.11* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1160 | EA | 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 269.79 | 114.83 |
| | | *For 60 Degree Bend, Deduct* | *-45.02* | |
| | | *For 30 Degree Bend, Deduct* | *-81.41* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.41* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.49* | |
| 26 05 36 00-1161 | EA | 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 328.74 | 146.62 |
| | | *For 60 Degree Bend, Deduct* | *-52.27* | |
| | | *For 30 Degree Bend, Deduct* | *-95.26* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.44* | |
| 26 05 36 00-1162 | EA | 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 401.54 | 182.14 |
| | | *For 60 Degree Bend, Deduct* | *-62.70* | |
| | | *For 30 Degree Bend, Deduct* | *-114.62* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.08* | |
| 26 05 36 00-1163 | EA | 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 469.73 | 211.29 |
| | | *For 60 Degree Bend, Deduct* | *-74.03* | |
| | | *For 30 Degree Bend, Deduct* | *-135.12* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.37* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.49* | |
| 26 05 36 00-1164 | EA | 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 542.70 | 251.55 |
| | | *For 60 Degree Bend, Deduct* | *-82.68* | |
| | | *For 30 Degree Bend, Deduct* | *-151.77* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.31* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *27.14* | |
| **26 05 36 00-1165** | | **45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1166 | EA | 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 233.97 | 85.14 |
| | | *For 60 Degree Bend, Deduct* | *-44.59* | |
| | | *For 30 Degree Bend, Deduct* | *-79.05* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.31* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.70* | |
| 26 05 36 00-1167 | EA | 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 266.40 | 103.39 |
| | | *For 60 Degree Bend, Deduct* | *-48.29* | |
| | | *For 30 Degree Bend, Deduct* | *-86.22* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.32* | |
| 26 05 36 00-1168 | EA | 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 296.06 | 120.00 |
| | | *For 60 Degree Bend, Deduct* | *-51.70* | |
| | | *For 30 Degree Bend, Deduct* | *-92.84* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.61* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.80* | |
| 26 05 36 00-1169 | EA | 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 364.81 | 155.31 |
| | | *For 60 Degree Bend, Deduct* | *-60.83* | |
| | | *For 30 Degree Bend, Deduct* | *-110.02* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.53* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.24* | |
| 26 05 36 00-1170 | EA | 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 455.21 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-75.29* | |
| | | *For 30 Degree Bend, Deduct* | *-136.34* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.76* | |
| 26 05 36 00-1171 | EA | 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 519.70 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-83.54* | |
| | | *For 30 Degree Bend, Deduct* | *-151.98* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.85* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.99* | |
| 26 05 36 00-1172 | EA | 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 613.91 | 277.74 |
| | | *For 60 Degree Bend, Deduct* | *-96.11* | |
| | | *For 30 Degree Bend, Deduct* | *-175.62* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.24* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.70* | |
| **26 05 36 00-1173** | | **90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1174 | EA | 6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 291.16 | 109.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.95* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.56* | |
| 26 05 36 00-1175 | EA | 9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 323.15 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.84* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.16* | |
| 26 05 36 00-1176 | EA | 12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 347.14 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.36* | |
| 26 05 36 00-1177 | EA | 18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 403.38 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.15* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.17* | |
| 26 05 36 00-1178 | EA | 24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 451.28 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.84* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.56* | |
| 26 05 36 00-1179 | EA | 30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 498.01 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.90* | |
| 26 05 36 00-1180 | EA | 36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 553.83 | 251.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.46* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *27.69* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-1181** | | **90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1182 | EA | 6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 307.89 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.39* | |
| 26 05 36 00-1183 | EA | 9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 341.55 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.16* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.08* | |
| 26 05 36 00-1184 | EA | 12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 368.93 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.67* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.45* | |
| 26 05 36 00-1185 | EA | 18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 434.88 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.31* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.74* | |
| 26 05 36 00-1186 | EA | 24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 491.30 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.53* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.57* | |
| 26 05 36 00-1187 | EA | 30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 546.73 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.69* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *27.34* | |
| 26 05 36 00-1188 | EA | 36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 619.80 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.83* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.99* | |
| **26 05 36 00-1189** | | **90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1190 | EA | 6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 380.22 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.01* | |
| 26 05 36 00-1191 | EA | 9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 415.77 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.79* | |
| 26 05 36 00-1192 | EA | 12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 455.00 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.75* | |
| 26 05 36 00-1193 | EA | 18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 529.71 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.68* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.49* | |
| 26 05 36 00-1194 | EA | 24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 594.21 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.30* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.71* | |
| 26 05 36 00-1195 | EA | 30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 667.41 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.74* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.37* | |
| 26 05 36 00-1196 | EA | 36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 754.12 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *37.71* | |
| **26 05 36 00-1197** | | **12" Radius Horizontal Tees** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1198 | EA | 6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 471.69 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-29.56* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.58* | |
| 26 05 36 00-1199 | EA | 9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 509.90 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.50* | |
| 26 05 36 00-1200 | EA | 12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 529.09 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.93* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.45* | |
| 26 05 36 00-1201 | EA | 18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 594.86 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.49* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.74* | |
| 26 05 36 00-1202 | EA | 24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 659.00 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.48* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.95* | |
| 26 05 36 00-1203 | EA | 30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 715.89 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.70* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.79* | |
| 26 05 36 00-1204 | EA | 36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 823.56 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *41.18* | |
| **26 05 36 00-1205** | | **24" Radius Horizontal Tees** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1206 | EA | 6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 586.36 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.51* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.32* | |
| 26 05 36 00-1207 | EA | 9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 634.86 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.53* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.74* | |
| 26 05 36 00-1208 | EA | 12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 661.53 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.15* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.08* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1209 | EA | 18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 729.59 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.48* | |
| 26 05 36 00-1210 | EA | 24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 812.69 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.63* | |
| 26 05 36 00-1211 | EA | 30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 874.54 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.73* | |
| 26 05 36 00-1212 | EA | 36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,118.46 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-77.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *55.92* | |
| **26 05 36 00-1213** | | **36" Radius Horizontal Tees** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1214 | EA | 6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 707.40 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.78* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.37* | |
| 26 05 36 00-1215 | EA | 9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 759.00 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.75* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *37.95* | |
| 26 05 36 00-1216 | EA | 12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 811.93 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.60* | |
| 26 05 36 00-1217 | EA | 18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 891.12 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.61* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.56* | |
| 26 05 36 00-1218 | EA | 24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,004.26 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-69.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *50.21* | |
| 26 05 36 00-1219 | EA | 30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,153.75 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-81.51* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *57.69* | |
| 26 05 36 00-1220 | EA | 36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,328.76 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-92.91* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *66.44* | |
| **26 05 36 00-1221** | | **12" Radius Vertical Tees** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1222 | EA | 6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 594.42 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.15* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.72* | |
| 26 05 36 00-1223 | EA | 9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 615.10 | 203.15 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.58* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.76* | |
| 26 05 36 00-1224 | EA | 12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 630.51 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-45.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.53* | |
| 26 05 36 00-1225 | EA | 18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 666.75 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.34* | |
| 26 05 36 00-1226 | EA | 24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 707.51 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.38* | |
| 26 05 36 00-1227 | EA | 30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 753.68 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.37* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *37.68* | |
| 26 05 36 00-1228 | EA | 36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 811.93 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.60* | |
| **26 05 36 00-1229** | | **24" Radius Vertical Tees** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1230 | EA | 6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 806.97 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-63.09* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.35* | |
| 26 05 36 00-1231 | EA | 9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 827.40 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.41* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *41.37* | |
| 26 05 36 00-1232 | EA | 12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 849.10 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.46* | |
| 26 05 36 00-1233 | EA | 18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 899.55 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-69.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.98* | |
| 26 05 36 00-1234 | EA | 24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 932.10 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-71.21* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *46.61* | |
| 26 05 36 00-1235 | EA | 30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 992.32 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-74.81* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.62* | |
| 26 05 36 00-1236 | EA | 36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,098.95 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-82.40* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *54.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-1237** | | **36" Radius Vertical Tees** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1238 | EA | 6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,247.80 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-105.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *62.39* | |
| 26 05 36 00-1239 | EA | 9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,276.27 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-107.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *63.81* | |
| 26 05 36 00-1240 | EA | 12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,307.00 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-109.74* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *65.35* | |
| 26 05 36 00-1241 | EA | 18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,362.02 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-113.06* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *68.10* | |
| 26 05 36 00-1242 | EA | 24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,398.73 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-115.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *69.94* | |
| 26 05 36 00-1243 | EA | 30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,493.98 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-121.90* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *74.70* | |
| 26 05 36 00-1244 | EA | 36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,583.06 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-126.92* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *79.15* | |
| **26 05 36 00-1245** | | **12" Radius Horizontal Crosses** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1246 | EA | 6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 606.63 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.33* | |
| 26 05 36 00-1247 | EA | 9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 647.25 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.58* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.36* | |
| 26 05 36 00-1248 | EA | 12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 674.69 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.05* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.73* | |
| 26 05 36 00-1249 | EA | 18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 743.34 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.44* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *37.17* | |
| 26 05 36 00-1250 | EA | 24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 819.64 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.98* | |
| 26 05 36 00-1251 | EA | 30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 902.31 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.84* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.12* | |
| 26 05 36 00-1252 | EA | 36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 1,020.42 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.18* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *51.02* | |
| **26 05 36 00-1253** | | **24" Radius Horizontal Crosses** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1254 | EA | 6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 808.01 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.38* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.40* | |
| 26 05 36 00-1255 | EA | 9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 847.26 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.83* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.36* | |
| 26 05 36 00-1256 | EA | 12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 889.16 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.42* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.46* | |
| 26 05 36 00-1257 | EA | 18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 943.17 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.16* | |
| 26 05 36 00-1258 | EA | 24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,065.52 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.69* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *53.28* | |
| 26 05 36 00-1259 | EA | 30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,148.96 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *57.45* | |
| 26 05 36 00-1260 | EA | 36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,267.98 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.83* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *63.40* | |
| **26 05 36 00-1261** | | **36" Radius Horizontal Crosses** *(26 05 36 00-1124)* | | |
| 26 05 36 00-1262 | EA | 6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 926.41 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *46.32* | |
| 26 05 36 00-1263 | EA | 9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 978.46 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.53* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *48.92* | |
| 26 05 36 00-1264 | EA | 12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,043.48 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.96* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *52.17* | |
| 26 05 36 00-1265 | EA | 18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,120.42 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.18* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *56.02* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1266 | EA | 24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,348.36 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-94.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *67.42* | |
| 26 05 36 00-1267 | EA | 30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,486.36 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-104.71* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *74.32* | |
| 26 05 36 00-1268 | EA | 36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,655.02 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-116.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *82.75* | |
| 26 05 36 00-1269 | | 12" Radius Vertical Crosses *(26 05 36 00-1124)* | | |
| 26 05 36 00-1270 | EA | 6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 606.63 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.33* | |
| 26 05 36 00-1271 | EA | 9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 647.25 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.58* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.36* | |
| 26 05 36 00-1272 | EA | 12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 674.69 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.05* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.73* | |
| 26 05 36 00-1273 | EA | 18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 743.34 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-48.44* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *37.17* | |
| 26 05 36 00-1274 | EA | 24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 819.64 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-52.65* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.98* | |
| 26 05 36 00-1275 | EA | 30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 902.31 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.84* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.12* | |
| 26 05 36 00-1276 | EA | 36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray | 1,018.76 | 405.33 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.09* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *50.94* | |
| 26 05 36 00-1277 | | 24" Radius Vertical Crosses *(26 05 36 00-1124)* | | |
| 26 05 36 00-1278 | EA | 6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 808.01 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.38* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.40* | |
| 26 05 36 00-1279 | EA | 9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 847.26 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.83* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.36* | |
| 26 05 36 00-1280 | EA | 12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 889.16 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.42* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.46* | |
| 26 05 36 00-1281 | EA | 18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 943.17 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.16* | |
| 26 05 36 00-1282 | EA | 24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,065.52 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-72.69* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *53.28* | |
| 26 05 36 00-1283 | EA | 30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,148.96 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-78.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *57.45* | |
| 26 05 36 00-1284 | EA | 36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,267.98 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.83* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *63.40* | |
| 26 05 36 00-1285 | | 36" Radius Vertical Crosses *(26 05 36 00-1124)* | | |
| 26 05 36 00-1286 | EA | 6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,095.82 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-82.08* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *54.79* | |
| 26 05 36 00-1287 | EA | 9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,154.92 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-86.18* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *57.75* | |
| 26 05 36 00-1288 | EA | 12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,230.53 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-91.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *61.53* | |
| 26 05 36 00-1289 | EA | 18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,319.82 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-98.12* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *65.99* | |
| 26 05 36 00-1290 | EA | 24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,595.41 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-119.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *79.77* | |
| 26 05 36 00-1291 | EA | 30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,759.87 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-132.06* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *87.99* | |
| 26 05 36 00-1292 | EA | 36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,959.42 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-147.01* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *97.97* | |
| 26 05 36 00-1293 | | 12" Rung Tray Fittings *(26 05 36 00-0744)* | | |
| 26 05 36 00-1294 | | 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1295 | EA | 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 255.84 | 110.32 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.39* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *12.79* | |
| 26 05 36 00-1296 | EA | 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 283.28 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.86* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.16* | |
| 26 05 36 00-1297 | EA | 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 318.99 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.33* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.95* | |
| 26 05 36 00-1298 | EA | 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 382.25 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.04* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.11* | |
| 26 05 36 00-1299 | EA | 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 447.97 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.51* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.40* | |
| 26 05 36 00-1300 | EA | 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 496.10 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.28* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.81* | |
| 26 05 36 00-1301 | EA | 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 575.87 | 251.44 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-36.63* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.79* | |
| **26 05 36 00-1302** | | **90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)* | | |
| 26 05 36 00-1303 | EA | 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 318.87 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.33* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.94* | |
| 26 05 36 00-1304 | EA | 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 352.92 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.30* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.65* | |
| 26 05 36 00-1305 | EA | 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 383.92 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.17* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.20* | |
| 26 05 36 00-1306 | EA | 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 454.86 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.31* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.74* | |
| 26 05 36 00-1307 | EA | 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 518.02 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.90* | |
| 26 05 36 00-1308 | EA | 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 581.11 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.13* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.06* | |
| 26 05 36 00-1309 | EA | 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 667.17 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.36* | |
| **26 05 36 00-1310** | | **90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)* | | |
| 26 05 36 00-1311 | EA | 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 340.25 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.01* | |
| 26 05 36 00-1312 | EA | 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 375.32 | 138.81 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-25.97* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.77* | |
| 26 05 36 00-1313 | EA | 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 419.39 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.99* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.97* | |
| 26 05 36 00-1314 | EA | 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 506.32 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.34* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.32* | |
| 26 05 36 00-1315 | EA | 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 586.68 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.33* | |
| 26 05 36 00-1316 | EA | 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 664.25 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.43* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.21* | |
| 26 05 36 00-1317 | EA | 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 773.99 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.56* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.70* | |
| **26 05 36 00-1318** | | **45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)* | | |
| 26 05 36 00-1319 | EA | 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 180.63 | 79.96 |
| | | *For 60 Degree Bend, Deduct* | *-28.97* | |
| | | *For 30 Degree Bend, Deduct* | *-52.72* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-11.40* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *9.03* | |
| 26 05 36 00-1320 | EA | 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 209.01 | 95.91 |
| | | *For 60 Degree Bend, Deduct* | *-32.22* | |
| | | *For 30 Degree Bend, Deduct* | *-59.03* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-12.91* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *10.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1321 | EA | 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 234.38 | 109.99 |
| | | *For 60 Degree Bend, Deduct* | *-35.18* | |
| | | *For 30 Degree Bend, Deduct* | *-64.75* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-14.27* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.72* | |
| 26 05 36 00-1322 | EA | 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 291.83 | 139.03 |
| | | *For 60 Degree Bend, Deduct* | *-43.02* | |
| | | *For 30 Degree Bend, Deduct* | *-79.43* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.60* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.59* | |
| 26 05 36 00-1323 | EA | 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 358.54 | 170.26 |
| | | *For 60 Degree Bend, Deduct* | *-53.05* | |
| | | *For 30 Degree Bend, Deduct* | *-97.87* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.67* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.93* | |
| 26 05 36 00-1324 | EA | 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 411.50 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-60.86* | |
| | | *For 30 Degree Bend, Deduct* | *-112.30* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.86* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *20.58* | |
| 26 05 36 00-1325 | EA | 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 471.80 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-67.73* | |
| | | *For 30 Degree Bend, Deduct* | *-125.63* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.06* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.59* | |

### 26 05 36 00-1326 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1327 | EA | 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 201.24 | 82.49 |
| | | *For 60 Degree Bend, Deduct* | *-34.80* | |
| | | *For 30 Degree Bend, Deduct* | *-62.59* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-13.25* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *10.06* | |
| 26 05 36 00-1328 | EA | 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 236.86 | 99.43 |
| | | *For 60 Degree Bend, Deduct* | *-40.04* | |
| | | *For 30 Degree Bend, Deduct* | *-72.26* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.40* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.84* | |
| 26 05 36 00-1329 | EA | 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 264.30 | 114.83 |
| | | *For 60 Degree Bend, Deduct* | *-43.21* | |
| | | *For 30 Degree Bend, Deduct* | *-78.39* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.86* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.22* | |
| 26 05 36 00-1330 | EA | 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 322.84 | 146.62 |
| | | *For 60 Degree Bend, Deduct* | *-50.32* | |
| | | *For 30 Degree Bend, Deduct* | *-92.01* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.06* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.14* | |
| 26 05 36 00-1331 | EA | 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 394.68 | 182.14 |
| | | *For 60 Degree Bend, Deduct* | *-60.44* | |
| | | *For 30 Degree Bend, Deduct* | *-110.85* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.29* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.73* | |
| 26 05 36 00-1332 | EA | 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 461.50 | 211.29 |
| | | *For 60 Degree Bend, Deduct* | *-71.31* | |
| | | *For 30 Degree Bend, Deduct* | *-130.59* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.55* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.08* | |
| 26 05 36 00-1333 | EA | 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 534.06 | 251.55 |
| | | *For 60 Degree Bend, Deduct* | *-79.83* | |
| | | *For 30 Degree Bend, Deduct* | *-147.02* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-32.45* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.70* | |

### 26 05 36 00-1334 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1335 | EA | 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 227.52 | 85.14 |
| | | *For 60 Degree Bend, Deduct* | *-42.46* | |
| | | *For 30 Degree Bend, Deduct* | *-75.50* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.38* | |
| 26 05 36 00-1336 | EA | 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 259.82 | 103.39 |
| | | *For 60 Degree Bend, Deduct* | *-46.11* | |
| | | *For 30 Degree Bend, Deduct* | *-82.60* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.37* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *12.99* | |
| 26 05 36 00-1337 | EA | 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 289.34 | 120.00 |
| | | *For 60 Degree Bend, Deduct* | *-49.48* | |
| | | *For 30 Degree Bend, Deduct* | *-89.14* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.93* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.47* | |
| 26 05 36 00-1338 | EA | 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 357.40 | 155.31 |
| | | *For 60 Degree Bend, Deduct* | *-58.39* | |
| | | *For 30 Degree Bend, Deduct* | *-105.94* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1339 | EA | 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 446.15 | 195.46 |
| | | *For 60 Degree Bend, Deduct* | *-72.30* | |
| | | *For 30 Degree Bend, Deduct* | *-131.35* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.33* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.31* | |
| 26 05 36 00-1340 | EA | 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 510.09 | 229.45 |
| | | *For 60 Degree Bend, Deduct* | *-80.37* | |
| | | *For 30 Degree Bend, Deduct* | *-146.69* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.89* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.50* | |
| 26 05 36 00-1341 | EA | 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 603.35 | 277.74 |
| | | *For 60 Degree Bend, Deduct* | *-92.63* | |
| | | *For 30 Degree Bend, Deduct* | *-169.81* | |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.17* | |
| **26 05 36 00-1342** | | **90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1293)* | | |
| 26 05 36 00-1343 | EA | 6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 280.37 | 109.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-18.87* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.02* | |
| 26 05 36 00-1344 | EA | 9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 311.78 | 125.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.71* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.59* | |
| 26 05 36 00-1345 | EA | 12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 335.57 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.98* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.78* | |
| 26 05 36 00-1346 | EA | 18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 391.42 | 170.26 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-24.95* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.57* | |
| 26 05 36 00-1347 | EA | 24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 438.74 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.58* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.94* | |
| 26 05 36 00-1348 | EA | 30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 484.87 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.16* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.24* | |
| 26 05 36 00-1349 | EA | 36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 540.30 | 251.11 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.10* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *27.02* | |
| **26 05 36 00-1350** | | **90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1293)* | | |
| 26 05 36 00-1351 | EA | 6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 296.23 | 114.72 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.06* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.81* | |
| 26 05 36 00-1352 | EA | 9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 329.40 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-21.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *16.47* | |
| 26 05 36 00-1353 | EA | 12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 356.48 | 146.62 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.43* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.82* | |
| 26 05 36 00-1354 | EA | 18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 421.74 | 182.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-27.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.09* | |
| 26 05 36 00-1355 | EA | 24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 477.38 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.13* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *23.87* | |
| 26 05 36 00-1356 | EA | 30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 532.03 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-33.22* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *26.60* | |
| 26 05 36 00-1357 | EA | 36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 604.11 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.26* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.21* | |
| **26 05 36 00-1358** | | **90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1293)* | | |
| 26 05 36 00-1359 | EA | 6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 362.19 | 119.89 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-26.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.11* | |
| 26 05 36 00-1360 | EA | 9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 397.33 | 138.92 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.16* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *19.87* | |
| 26 05 36 00-1361 | EA | 12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 435.39 | 155.31 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *21.77* | |
| 26 05 36 00-1362 | EA | 18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 509.32 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-34.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.47* | |
| 26 05 36 00-1363 | EA | 24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 573.03 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-38.18* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.65* | |
| 26 05 36 00-1364 | EA | 30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 644.67 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1365 | EA | 36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 730.40 | 310.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.52* | |

## 26 05 36 00-1366 12" Radius Horizontal Tees *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1367 | EA | 6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 459.73 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-28.37* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *22.99* | |
| 26 05 36 00-1368 | EA | 9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 497.15 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-30.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *24.86* | |
| 26 05 36 00-1369 | EA | 12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 516.15 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-31.63* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *25.81* | |
| 26 05 36 00-1370 | EA | 18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 579.38 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-35.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.97* | |
| 26 05 36 00-1371 | EA | 24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 641.94 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.10* | |
| 26 05 36 00-1372 | EA | 30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 696.09 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-43.72* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *34.80* | |
| 26 05 36 00-1373 | EA | 36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 799.84 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.67* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.99* | |

## 26 05 36 00-1374 24" Radius Horizontal Tees *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1375 | EA | 6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 565.97 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.30* | |
| 26 05 36 00-1376 | EA | 9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 613.29 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.37* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.66* | |
| 26 05 36 00-1377 | EA | 12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 639.37 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.94* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.97* | |
| 26 05 36 00-1378 | EA | 18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 705.47 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.13* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *35.27* | |
| 26 05 36 00-1379 | EA | 24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 786.42 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-51.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.32* | |
| 26 05 36 00-1380 | EA | 30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 845.72 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.26* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.29* | |
| 26 05 36 00-1381 | EA | 36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,074.34 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-73.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *53.72* | |

## 26 05 36 00-1382 36" Radius Horizontal Tees *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1383 | EA | 6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 678.58 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.90* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.93* | |
| 26 05 36 00-1384 | EA | 9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 729.40 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-49.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.47* | |
| 26 05 36 00-1385 | EA | 12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 779.58 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.98* | |
| 26 05 36 00-1386 | EA | 18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 857.00 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.85* | |
| 26 05 36 00-1387 | EA | 24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 966.62 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-65.27* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *48.33* | |
| 26 05 36 00-1388 | EA | 30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,106.10 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.75* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *55.31* | |
| 26 05 36 00-1389 | EA | 36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,275.82 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-87.61* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *63.79* | |

## 26 05 36 00-1390 12" Radius Vertical Tees *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1391 | EA | 6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 567.55 | 195.46 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-40.47* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *28.38* | |
| 26 05 36 00-1392 | EA | 9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 587.45 | 203.15 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.81* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1393 | EA | 12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 602.67 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-42.66* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *30.13* | |
| 26 05 36 00-1394 | EA | 18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 638.32 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-44.71* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.92* | |
| 26 05 36 00-1395 | EA | 24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 676.73 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-47.69* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *33.84* | |
| 26 05 36 00-1396 | EA | 30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 722.31 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.23* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.12* | |
| 26 05 36 00-1397 | EA | 36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 779.58 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.98* | |

## 26 05 36 00-1398 24" Radius Vertical Tees *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1399 | EA | 6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 761.48 | 211.29 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.07* | |
| 26 05 36 00-1400 | EA | 9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 781.33 | 219.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-59.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.07* | |
| 26 05 36 00-1401 | EA | 12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 802.43 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.12* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.12* | |
| 26 05 36 00-1402 | EA | 18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 851.51 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.58* | |
| 26 05 36 00-1403 | EA | 24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 882.89 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-66.29* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.14* | |
| 26 05 36 00-1404 | EA | 30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 941.93 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-69.77* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *47.10* | |
| 26 05 36 00-1405 | EA | 36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,044.06 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.91* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *52.20* | |

## 26 05 36 00-1406 36" Radius Vertical Tees *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1407 | EA | 6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,161.27 | 229.45 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-97.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *58.06* | |
| 26 05 36 00-1408 | EA | 9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,188.61 | 239.78 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-98.88* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *59.43* | |
| 26 05 36 00-1409 | EA | 12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,218.22 | 251.55 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-100.86* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *60.91* | |
| 26 05 36 00-1410 | EA | 18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,272.11 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-104.06* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *63.61* | |
| 26 05 36 00-1411 | EA | 24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,307.70 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-106.35* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *65.39* | |
| 26 05 36 00-1412 | EA | 30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,399.57 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-112.46* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *69.98* | |
| 26 05 36 00-1413 | EA | 36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,487.54 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-117.36* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *74.38* | |

## 26 05 36 00-1414 12" Radius Horizontal Crosses *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1415 | EA | 6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 589.96 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.50* | |
| 26 05 36 00-1416 | EA | 9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 628.81 | 277.74 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.73* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.44* | |
| 26 05 36 00-1417 | EA | 12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 656.06 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.80* | |
| 26 05 36 00-1418 | EA | 18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 720.79 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.04* | |
| 26 05 36 00-1419 | EA | 24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 796.31 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.32* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.82* | |
| 26 05 36 00-1420 | EA | 30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 874.86 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.10* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1421 | EA | 36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 986.11 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.75* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.31* | |

## 26 05 36 00-1422 24" Radius Horizontal Crosses *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1423 | EA | 6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 776.05 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.18* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.80* | |
| 26 05 36 00-1424 | EA | 9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 814.32 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.72* | |
| 26 05 36 00-1425 | EA | 12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 855.24 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.76* | |
| 26 05 36 00-1426 | EA | 18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 907.48 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.43* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.37* | |
| 26 05 36 00-1427 | EA | 24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,026.70 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.81* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *51.34* | |
| 26 05 36 00-1428 | EA | 30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,107.39 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-74.07* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *55.37* | |
| 26 05 36 00-1429 | EA | 36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,221.12 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-82.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *61.06* | |

## 26 05 36 00-1430 36" Radius Horizontal Crosses *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1431 | EA | 6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 888.77 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.38* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *44.44* | |
| 26 05 36 00-1432 | EA | 9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 939.25 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.61* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *46.96* | |
| 26 05 36 00-1433 | EA | 12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,001.91 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.80* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *50.10* | |
| 26 05 36 00-1434 | EA | 18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,076.11 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-73.75* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *53.81* | |
| 26 05 36 00-1435 | EA | 24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,293.47 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-89.38* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *64.67* | |
| 26 05 36 00-1436 | EA | 30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,425.57 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-98.63* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *71.28* | |
| 26 05 36 00-1437 | EA | 36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,587.38 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-109.81* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *79.37* | |

## 26 05 36 00-1438 12" Radius Vertical Crosses *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1439 | EA | 6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 589.96 | 263.98 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-37.00* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *29.50* | |
| 26 05 36 00-1440 | EA | 9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 628.96 | 277.85 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-39.74* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *31.45* | |
| 26 05 36 00-1441 | EA | 12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 655.98 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-41.18* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *32.80* | |
| 26 05 36 00-1442 | EA | 18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 720.98 | 310.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-46.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *36.05* | |
| 26 05 36 00-1443 | EA | 24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 796.31 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-50.32* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *39.82* | |
| 26 05 36 00-1444 | EA | 30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 875.15 | 376.84 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-56.11* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *43.76* | |
| 26 05 36 00-1445 | EA | 36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray | 985.28 | 405.87 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-64.70* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *49.26* | |

## 26 05 36 00-1446 24" Radius Vertical Crosses *(26 05 36 00-1293)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1447 | EA | 6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 776.05 | 293.02 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-53.18* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *38.80* | |
| 26 05 36 00-1448 | EA | 9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 814.32 | 310.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-55.54* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *40.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1449 | EA | 12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 855.24 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-58.03* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *42.76* | |
| 26 05 36 00-1450 | EA | 18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 907.48 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-61.43* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *45.37* | |
| 26 05 36 00-1451 | EA | 24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,026.70 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-68.81* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *51.34* | |
| 26 05 36 00-1452 | EA | 30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,107.39 | 439.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-74.07* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *55.37* | |
| 26 05 36 00-1453 | EA | 36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray | 1,221.12 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-82.14* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *61.06* | |
| **26 05 36 00-1454** | | **36" Radius Vertical Crosses** *(26 05 36 00-1293)* | | |
| 26 05 36 00-1455 | EA | 6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,041.23 | 329.97 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-76.63* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *52.06* | |
| 26 05 36 00-1456 | EA | 9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,098.06 | 351.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-80.49* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *54.90* | |
| 26 05 36 00-1457 | EA | 12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,170.26 | 376.73 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-85.64* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *58.51* | |
| 26 05 36 00-1458 | EA | 18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,255.57 | 406.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-91.69* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *62.78* | |
| 26 05 36 00-1459 | EA | 24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,515.81 | 479.57 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-111.61* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *75.79* | |
| 26 05 36 00-1460 | EA | 30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,671.74 | 527.08 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-123.25* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *83.59* | |
| 26 05 36 00-1461 | EA | 36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray | 1,861.33 | 587.14 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-137.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *93.07* | |
| **26 05 36 00-1462** | | **Dropout Or End Plates And Reducers** *(26 05 36 00-0744)* | | |
| **26 05 36 00-1463** | | **Straight Reducers** *(26 05 36 00-1462)* | | |
| 26 05 36 00-1464 | EA | 9"-6" Reducer, Aluminum Cable Tray | 223.56 | 81.18 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-15.59* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.18* | |
| 26 05 36 00-1465 | EA | 12"-9" Reducer, Aluminum Cable Tray | 236.69 | 87.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-16.34* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *11.83* | |
| 26 05 36 00-1466 | EA | 18"-12" Reducer, Aluminum Cable Tray | 261.26 | 101.42 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.67* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.06* | |
| 26 05 36 00-1467 | EA | 24"-18" Reducer, Aluminum Cable Tray | 289.69 | 117.37 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.19* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.48* | |
| 26 05 36 00-1468 | EA | 30"-24" Reducer, Aluminum Cable Tray | 316.06 | 131.99 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.61* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.80* | |
| 26 05 36 00-1469 | EA | 36"-30" Reducer, Aluminum Cable Tray | 353.31 | 150.80 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.76* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.67* | |
| **26 05 36 00-1470** | | **Reducers** *(26 05 36 00-1462)* | | |
| 26 05 36 00-1471 | EA | 18"-6" Reducer, Aluminum Cable Tray | 261.37 | 101.53 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-17.68* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *13.07* | |
| 26 05 36 00-1472 | EA | 24"-12" Reducer, Aluminum Cable Tray | 289.97 | 117.48 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-19.20* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *14.50* | |
| 26 05 36 00-1473 | EA | 30"-12" Reducer, Aluminum Cable Tray | 315.88 | 131.88 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.60* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.79* | |
| 26 05 36 00-1474 | EA | 30"-18" Reducer, Aluminum Cable Tray | 317.67 | 131.77 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-20.79* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *15.88* | |
| 26 05 36 00-1475 | EA | 36"-12" Reducer, Aluminum Cable Tray | 351.35 | 150.80 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-22.57* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *17.57* | |
| 26 05 36 00-1476 | EA | 36"-18" Reducer, Aluminum Cable Tray | 359.92 | 154.76 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.09* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.00* | |
| 26 05 36 00-1477 | EA | 36"-24" Reducer, Aluminum Cable Tray | 372.08 | 159.71 |
| | | *For 3-5/8" Overall Height Instead Of 4-5/8", Deduct* | *-23.90* | |
| | | *For 6" Overall Height Instead Of 4-5/8", Add* | *18.60* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1478 | | **Dropout Or End Plate** *(26 05 36 00-1462)* | | |
| 26 05 36 00-1479 | EA | 6" Dropout Or End Plate, Aluminum Cable Tray | 66.66 | 33.00 |
| 26 05 36 00-1480 | EA | 9" Dropout Or End Plate, Aluminum Cable Tray | 75.26 | 37.73 |
| 26 05 36 00-1481 | EA | 12" Dropout Or End Plate, Aluminum Cable Tray | 81.17 | 40.59 |
| 26 05 36 00-1482 | EA | 18" Dropout Or End Plate, Aluminum Cable Tray | 98.10 | 47.96 |
| 26 05 36 00-1483 | EA | 24" Dropout Or End Plate, Aluminum Cable Tray | 109.26 | 52.80 |
| 26 05 36 00-1484 | EA | 30" Dropout Or End Plate, Aluminum Cable Tray | 123.08 | 58.62 |
| 26 05 36 00-1485 | EA | 36" Dropout Or End Plate, Aluminum Cable Tray | 138.13 | 66.00 |
| 26 05 36 00-1486 | | **Solid Bottom Cable Tray** *(26 05 36 00-0001)* Note: 3-5/8" Height. | | |
| 26 05 36 00-1487 | | **Solid Bottom Galvanized Steel Straight Tray Sections** *(26 05 36 00-1486)* | | |
| 26 05 36 00-1488 | LF | 6" Solid Bottom Steel Cable Tray, Straight Section | 28.69 | 8.58 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *2.86* | |
| 26 05 36 00-1489 | LF | 12" Solid Bottom Steel Cable Tray, Straight Section | 35.75 | 10.56 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *3.61* | |
| 26 05 36 00-1490 | LF | 18" Solid Bottom Steel Cable Tray, Straight Section | 47.63 | 15.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *4.61* | |
| 26 05 36 00-1491 | LF | 24" Solid Bottom Steel Cable Tray, Straight Section | 55.12 | 17.38 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *5.37* | |
| 26 05 36 00-1492 | LF | 30" Solid Bottom Steel Cable Tray, Straight Section | 66.05 | 21.01 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *6.40* | |
| 26 05 36 00-1493 | LF | 36" Solid Bottom Steel Cable Tray, Straight Section | 84.52 | 24.09 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *8.67* | |
| 26 05 36 00-1494 | | **Solid Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-1486)* | | |
| 26 05 36 00-1495 | | **90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1494)* | | |
| 26 05 36 00-1496 | EA | 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 291.74 | 110.10 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *25.42* | |
| 26 05 36 00-1497 | EA | 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 379.49 | 154.87 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *31.10* | |
| 26 05 36 00-1498 | EA | 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 464.42 | 195.46 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *37.08* | |
| 26 05 36 00-1499 | EA | 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 569.21 | 240.11 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *45.35* | |
| 26 05 36 00-1500 | EA | 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 665.14 | 278.28 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *53.40* | |
| 26 05 36 00-1501 | EA | 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 747.44 | 310.73 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *60.33* | |
| 26 05 36 00-1502 | | **90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1494)* | | |
| 26 05 36 00-1503 | EA | 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 344.88 | 114.61 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *32.62* | |
| 26 05 36 00-1504 | EA | 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 455.03 | 165.10 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *40.73* | |
| 26 05 36 00-1505 | EA | 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 560.01 | 211.29 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *48.79* | |
| 26 05 36 00-1506 | EA | 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 682.55 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *58.39* | |
| 26 05 36 00-1507 | EA | 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 800.61 | 310.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *68.40* | |
| 26 05 36 00-1508 | EA | 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 904.71 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *77.07* | |
| 26 05 36 00-1509 | | **90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)* | | |
| 26 05 36 00-1510 | EA | 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 424.81 | 119.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *43.77* | |
| 26 05 36 00-1511 | EA | 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 547.20 | 176.32 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *52.70* | |
| 26 05 36 00-1512 | EA | 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 692.70 | 229.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *65.61* | |
| 26 05 36 00-1513 | EA | 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 824.13 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *74.78* | |
| 26 05 36 00-1514 | EA | 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 989.17 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *89.74* | |
| 26 05 36 00-1515 | EA | 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 1,128.31 | 405.33 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *101.68* | |
| 26 05 36 00-1516 | | **45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1494)* | | |
| 26 05 36 00-1517 | EA | 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 264.79 | 110.10 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *21.36* | |
| 26 05 36 00-1518 | EA | 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 349.17 | 154.87 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *26.56* | |
| 26 05 36 00-1519 | EA | 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 429.38 | 195.24 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *31.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1520 | EA | 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 526.38 | 239.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *38.99* | |
| 26 05 36 00-1521 | EA | 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 614.78 | 278.28 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *45.85* | |
| 26 05 36 00-1522 | EA | 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray | 689.07 | 310.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *51.67* | |

### 26 05 36 00-1523 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1524 | EA | 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 306.56 | 114.72 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *26.86* | |
| 26 05 36 00-1525 | EA | 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 409.81 | 164.99 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *33.97* | |
| 26 05 36 00-1526 | EA | 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 508.48 | 211.52 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *41.02* | |
| 26 05 36 00-1527 | EA | 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 621.90 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *49.29* | |
| 26 05 36 00-1528 | EA | 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 730.66 | 310.73 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *57.81* | |
| 26 05 36 00-1529 | EA | 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray | 825.11 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *65.13* | |

### 26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1531 | EA | 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 368.78 | 119.89 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *35.33* | |
| 26 05 36 00-1532 | EA | 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 456.52 | 159.82 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *41.83* | |
| 26 05 36 00-1533 | EA | 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 615.27 | 229.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *53.99* | |
| 26 05 36 00-1534 | EA | 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 741.07 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *62.23* | |
| 26 05 36 00-1535 | EA | 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 888.46 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *74.64* | |
| 26 05 36 00-1536 | EA | 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray | 1,016.80 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *84.79* | |

### 26 05 36 00-1537 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1538 | EA | 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray | 315.08 | 109.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *28.97* | |
| 26 05 36 00-1539 | EA | 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray | 396.82 | 154.87 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *33.70* | |
| 26 05 36 00-1540 | EA | 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray | 466.58 | 195.46 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *37.41* | |
| 26 05 36 00-1541 | EA | 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray | 564.88 | 240.11 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *44.71* | |
| 26 05 36 00-1542 | EA | 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray | 639.15 | 278.28 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *49.50* | |
| 26 05 36 00-1543 | EA | 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray | 698.81 | 310.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *53.13* | |

### 26 05 36 00-1544 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1545 | EA | 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray | 377.37 | 114.61 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *37.50* | |
| 26 05 36 00-1546 | EA | 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray | 478.85 | 165.10 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *44.30* | |
| 26 05 36 00-1547 | EA | 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray | 573.01 | 211.29 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *50.74* | |
| 26 05 36 00-1548 | EA | 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray | 680.38 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *58.06* | |
| 26 05 36 00-1549 | EA | 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray | 770.29 | 310.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *63.86* | |
| 26 05 36 00-1550 | EA | 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray | 863.55 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *70.90* | |

### 26 05 36 00-1551 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1552 | EA | 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray | 452.97 | 119.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *47.99* | |
| 26 05 36 00-1553 | EA | 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray | 550.70 | 160.15 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *55.91* | |
| 26 05 36 00-1554 | EA | 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray | 692.70 | 229.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *65.61* | |
| 26 05 36 00-1555 | EA | 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray | 828.46 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *75.43* | |
| 26 05 36 00-1556 | EA | 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray | 956.69 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *84.87* | |
| 26 05 36 00-1557 | EA | 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray | 1,078.49 | 405.33 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *94.21* | |

### 26 05 36 00-1558 12" Radius Horizontal Tees *(26 05 36 00-1494)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1559 | EA | 6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 503.70 | 211.29 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *40.35* | |
| 26 05 36 00-1560 | EA | 12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 603.88 | 263.54 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *46.66* | |
| 26 05 36 00-1561 | EA | 18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 712.79 | 310.73 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *55.13* | |
| 26 05 36 00-1562 | EA | 24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 848.00 | 377.50 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *64.28* | |
| 26 05 36 00-1563 | EA | 30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 926.38 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *71.23* | |
| 26 05 36 00-1564 | EA | 36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 1,085.27 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *82.85* | |

### 26 05 36 00-1565 24" Radius Horizontal Tees *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1566 | EA | 6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 618.53 | 229.45 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *54.53* | |
| 26 05 36 00-1567 | EA | 12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 763.49 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *65.68* | |
| 26 05 36 00-1568 | EA | 18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 891.71 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *75.12* | |
| 26 05 36 00-1569 | EA | 24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 1,146.97 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *98.72* | |
| 26 05 36 00-1570 | EA | 30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 1,249.87 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *107.54* | |
| 26 05 36 00-1571 | EA | 36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 1,465.90 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *122.03* | |

### 26 05 36 00-1572 36" Radius Horizontal Tees *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1573 | EA | 6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 789.55 | 251.55 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *76.51* | |
| 26 05 36 00-1574 | EA | 12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 963.64 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *89.55* | |
| 26 05 36 00-1575 | EA | 18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,127.80 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *101.44* | |
| 26 05 36 00-1576 | EA | 24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,377.66 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *126.71* | |
| 26 05 36 00-1577 | EA | 30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,509.47 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *138.28* | |
| 26 05 36 00-1578 | EA | 36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,749.70 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *152.46* | |

### 26 05 36 00-1579 12" Radius Vertical Tees *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1580 | EA | 6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 601.17 | 211.29 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *54.97* | |
| 26 05 36 00-1581 | EA | 12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 699.88 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *60.99* | |
| 26 05 36 00-1582 | EA | 18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 752.66 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *64.06* | |
| 26 05 36 00-1583 | EA | 24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 807.11 | 310.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *69.38* | |
| 26 05 36 00-1584 | EA | 30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 896.04 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *75.77* | |
| 26 05 36 00-1585 | EA | 36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray | 997.85 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *81.95* | |

### 26 05 36 00-1586 24" Radius Vertical Tees *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1587 | EA | 6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 750.65 | 229.45 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *74.35* | |
| 26 05 36 00-1588 | EA | 12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 873.95 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *82.25* | |
| 26 05 36 00-1589 | EA | 18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 954.98 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *88.25* | |
| 26 05 36 00-1590 | EA | 24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 1,010.83 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *92.99* | |
| 26 05 36 00-1591 | EA | 30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 1,142.97 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *103.72* | |
| 26 05 36 00-1592 | EA | 36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray | 1,286.69 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *113.07* | |

### 26 05 36 00-1593 36" Radius Vertical Tees *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1594 | EA | 6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 992.50 | 251.11 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *107.02* | |
| 26 05 36 00-1595 | EA | 12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,134.75 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *115.22* | |
| 26 05 36 00-1596 | EA | 18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,255.92 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *125.61* | |
| 26 05 36 00-1597 | EA | 24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,327.07 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *131.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1598 | EA | 30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,557.43 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *153.68* | |
| 26 05 36 00-1599 | EA | 36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray | 1,679.92 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *164.13* | |

## 26 05 36 00-1600 12" Radius Horizontal Crosses *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1601 | EA | 6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray | 621.90 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *49.29* | |
| 26 05 36 00-1602 | EA | 12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray | 714.96 | 310.73 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *55.46* | |
| 26 05 36 00-1603 | EA | 18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray | 859.56 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *66.15* | |
| 26 05 36 00-1604 | EA | 24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray | 993.20 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *75.65* | |
| 26 05 36 00-1605 | EA | 30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray | 1,168.77 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *87.46* | |
| 26 05 36 00-1606 | EA | 36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray | 1,296.97 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *96.69* | |

## 26 05 36 00-1607 24" Radius Horizontal Crosses *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1608 | EA | 6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray | 820.67 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *74.17* | |
| 26 05 36 00-1609 | EA | 12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray | 956.69 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *84.87* | |
| 26 05 36 00-1610 | EA | 18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray | 1,146.97 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *98.72* | |
| 26 05 36 00-1611 | EA | 24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray | 1,412.00 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *123.66* | |
| 26 05 36 00-1612 | EA | 30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray | 1,552.54 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *135.02* | |
| 26 05 36 00-1613 | EA | 36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray | 1,706.38 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *145.96* | |

## 26 05 36 00-1614 36" Radius Horizontal Crosses *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1615 | EA | 6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray | 1,091.43 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *108.72* | |
| 26 05 36 00-1616 | EA | 12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray | 1,272.92 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *123.21* | |
| 26 05 36 00-1617 | EA | 18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray | 1,531.13 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *141.53* | |
| 26 05 36 00-1618 | EA | 24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray | 1,747.47 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *164.26* | |
| 26 05 36 00-1619 | EA | 30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray | 1,933.80 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *180.08* | |
| 26 05 36 00-1620 | EA | 36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray | 2,143.64 | 753.35 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *195.98* | |

## 26 05 36 00-1621 Straight Reducers *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1622 | EA | 12"-6" Reducer, Solid Bottom, Steel Cable Tray | 252.79 | 87.99 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *23.25* | |
| 26 05 36 00-1623 | EA | 18"-12" Reducer, Solid Bottom, Steel Cable Tray | 274.04 | 99.43 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *24.53* | |
| 26 05 36 00-1624 | EA | 24"-18" Reducer, Solid Bottom, Steel Cable Tray | 303.59 | 114.61 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *26.44* | |
| 26 05 36 00-1625 | EA | 30"-24" Reducer, Solid Bottom, Steel Cable Tray | 341.28 | 131.99 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *29.19* | |
| 26 05 36 00-1626 | EA | 36"-30" Reducer, Solid Bottom, Steel Cable Tray | 369.61 | 146.40 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *31.04* | |

## 26 05 36 00-1627 Reducers *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1628 | EA | 18"-6" Reducer, Solid Bottom, Steel Cable Tray | 274.14 | 99.54 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *24.54* | |
| 26 05 36 00-1629 | EA | 24"-12" Reducer, Solid Bottom, Steel Cable Tray | 301.82 | 114.83 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *26.14* | |
| 26 05 36 00-1630 | EA | 30"-12" Reducer, Solid Bottom, Steel Cable Tray | 336.77 | 131.88 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *28.53* | |
| 26 05 36 00-1631 | EA | 30"-18" Reducer, Solid Bottom, Steel Cable Tray | 338.76 | 131.77 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *28.85* | |
| 26 05 36 00-1632 | EA | 36"-12" Reducer, Solid Bottom, Steel Cable Tray | 367.45 | 146.40 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *30.72* | |
| 26 05 36 00-1633 | EA | 36"-18" Reducer, Solid Bottom, Steel Cable Tray | 369.61 | 146.40 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *31.04* | |
| 26 05 36 00-1634 | EA | 36"-24" Reducer, Solid Bottom, Steel Cable Tray | 372.22 | 146.62 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *31.39* | |

## 26 05 36 00-1635 Dropout Or End Plate *(26 05 36 00-1494)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1636 | EA | 6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray | 77.08 | 33.00 |
| 26 05 36 00-1637 | EA | 12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray | 94.61 | 40.26 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1638 | EA | 18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray | 109.09 | 47.74 |
| 26 05 36 00-1639 | EA | 24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray | 122.75 | 52.80 |
| 26 05 36 00-1640 | EA | 30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray | 136.68 | 58.62 |
| 26 05 36 00-1641 | EA | 36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray | 151.68 | 66.00 |

## 26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections *(26 05 36 00-1486)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1643 | LF | 6" Solid Bottom Aluminum Cable Tray, Straight Section | 25.44 | 6.93 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *2.66* | |
| 26 05 36 00-1644 | LF | 12" Solid Bottom Aluminum Cable Tray, Straight Section | 31.71 | 8.14 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *3.41* | |
| 26 05 36 00-1645 | LF | 18" Solid Bottom Aluminum Cable Tray, Straight Section | 40.52 | 10.56 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *4.31* | |
| 26 05 36 00-1646 | LF | 24" Solid Bottom Aluminum Cable Tray, Straight Section | 48.19 | 11.66 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *5.29* | |
| 26 05 36 00-1647 | LF | 30" Solid Bottom Aluminum Cable Tray, Straight Section | 59.09 | 15.07 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *6.35* | |
| 26 05 36 00-1648 | LF | 36" Solid Bottom Steel Aluminum Tray, Straight Section | 70.25 | 16.50 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *7.78* | |

## 26 05 36 00-1649 Solid Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1486)*

## 26 05 36 00-1650 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1651 | EA | 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 294.99 | 110.10 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *25.90* | |
| 26 05 36 00-1652 | EA | 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 356.55 | 138.59 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *30.38* | |
| 26 05 36 00-1653 | EA | 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 412.05 | 155.20 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *35.94* | |
| 26 05 36 00-1654 | EA | 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 479.88 | 182.25 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *41.60* | |
| 26 05 36 00-1655 | EA | 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 566.91 | 211.52 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *49.78* | |
| 26 05 36 00-1656 | EA | 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 640.78 | 240.11 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *56.09* | |

## 26 05 36 00-1657 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1658 | EA | 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 349.70 | 114.61 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *33.35* | |
| 26 05 36 00-1659 | EA | 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 432.88 | 146.84 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *40.47* | |
| 26 05 36 00-1660 | EA | 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 489.35 | 164.99 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *45.90* | |
| 26 05 36 00-1661 | EA | 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 590.71 | 195.46 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *56.03* | |
| 26 05 36 00-1662 | EA | 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 685.17 | 229.12 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *64.58* | |
| 26 05 36 00-1663 | EA | 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 788.54 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *74.28* | |

## 26 05 36 00-1664 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1665 | EA | 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 434.84 | 119.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *45.27* | |
| 26 05 36 00-1666 | EA | 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 541.51 | 155.53 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *55.31* | |
| 26 05 36 00-1667 | EA | 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 628.42 | 176.32 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *64.88* | |
| 26 05 36 00-1668 | EA | 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 710.66 | 210.96 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *71.44* | |
| 26 05 36 00-1669 | EA | 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 825.26 | 251.55 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *81.87* | |
| 26 05 36 00-1670 | EA | 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 963.36 | 292.58 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *95.75* | |

## 26 05 36 00-1671 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1672 | EA | 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 270.57 | 110.10 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *22.23* | |
| 26 05 36 00-1673 | EA | 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 328.95 | 138.59 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *26.24* | |
| 26 05 36 00-1674 | EA | 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 378.07 | 155.09 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *30.87* | |
| 26 05 36 00-1675 | EA | 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 440.48 | 181.92 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *35.75* | |
| 26 05 36 00-1676 | EA | 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 519.75 | 211.52 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *42.71* | |
| 26 05 36 00-1677 | EA | 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray | 586.70 | 239.45 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *48.10* | |

## 26 05 36 00-1678 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1679 | EA | 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 314.94 | 114.72 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *28.12* | |
| 26 05 36 00-1680 | EA | 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 391.25 | 146.62 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *34.24* | |
| 26 05 36 00-1681 | EA | 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 442.74 | 165.32 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *38.86* | |
| 26 05 36 00-1682 | EA | 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 532.43 | 195.46 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *47.28* | |
| 26 05 36 00-1683 | EA | 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 619.52 | 229.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *54.63* | |
| 26 05 36 00-1684 | EA | 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray | 711.85 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *62.78* | |
| **26 05 36 00-1685** | | **45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1686 | EA | 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 383.36 | 119.89 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *37.52* | |
| 26 05 36 00-1687 | EA | 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 478.91 | 155.20 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *45.97* | |
| 26 05 36 00-1688 | EA | 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 554.80 | 176.32 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *53.84* | |
| 26 05 36 00-1689 | EA | 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 632.58 | 211.52 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *59.63* | |
| 26 05 36 00-1690 | EA | 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 735.92 | 251.55 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *68.47* | |
| 26 05 36 00-1691 | EA | 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray | 860.41 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *80.13* | |
| **26 05 36 00-1692** | | **90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1693 | EA | 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray | 315.42 | 109.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *29.02* | |
| 26 05 36 00-1694 | EA | 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray | 368.75 | 138.59 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *32.21* | |
| 26 05 36 00-1695 | EA | 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray | 413.79 | 155.20 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *36.20* | |
| 26 05 36 00-1696 | EA | 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray | 467.68 | 182.25 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *39.77* | |
| 26 05 36 00-1697 | EA | 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray | 526.82 | 211.52 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *43.77* | |
| 26 05 36 00-1698 | EA | 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray | 578.61 | 239.45 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *46.88* | |
| **26 05 36 00-1699** | | **90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1700 | EA | 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray | 379.33 | 114.61 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *37.79* | |
| 26 05 36 00-1701 | EA | 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray | 448.56 | 146.84 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *42.82* | |
| 26 05 36 00-1702 | EA | 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray | 494.58 | 164.99 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *46.69* | |
| 26 05 36 00-1703 | EA | 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray | 564.57 | 195.46 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *52.11* | |
| 26 05 36 00-1704 | EA | 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray | 634.63 | 229.12 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *57.00* | |
| 26 05 36 00-1705 | EA | 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray | 718.82 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *63.83* | |
| **26 05 36 00-1706** | | **90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1707 | EA | 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray | 447.04 | 119.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *47.10* | |
| 26 05 36 00-1708 | EA | 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray | 538.02 | 155.53 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *54.79* | |
| 26 05 36 00-1709 | EA | 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray | 597.04 | 176.32 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *60.18* | |
| 26 05 36 00-1710 | EA | 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray | 667.09 | 210.96 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *64.90* | |
| 26 05 36 00-1711 | EA | 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray | 767.75 | 251.55 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *73.24* | |
| 26 05 36 00-1712 | EA | 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray | 850.07 | 292.58 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *78.75* | |
| **26 05 36 00-1713** | | **12" Radius Horizontal Tees** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1714 | EA | 6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 524.63 | 211.29 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *43.49* | |
| 26 05 36 00-1715 | EA | 12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 608.24 | 239.45 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *51.33* | |
| 26 05 36 00-1716 | EA | 18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 675.25 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *57.29* | |
| 26 05 36 00-1717 | EA | 24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 752.46 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *63.94* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1718 | EA | 30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 889.57 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *74.80* | |
| 26 05 36 00-1719 | EA | 36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 1,081.86 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *88.95* | |
| **26 05 36 00-1720** | | **24" Radius Horizontal Tees** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1721 | EA | 6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 666.53 | 229.45 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *61.73* | |
| 26 05 36 00-1722 | EA | 12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 760.65 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *70.10* | |
| 26 05 36 00-1723 | EA | 18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 850.93 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *78.80* | |
| 26 05 36 00-1724 | EA | 24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,030.74 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *95.98* | |
| 26 05 36 00-1725 | EA | 30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,238.71 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *112.48* | |
| 26 05 36 00-1726 | EA | 36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,368.11 | 481.00 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *125.05* | |
| **26 05 36 00-1727** | | **36" Radius Horizontal Tees** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1728 | EA | 6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 881.03 | 251.55 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *90.24* | |
| 26 05 36 00-1729 | EA | 12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 993.84 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *100.23* | |
| 26 05 36 00-1730 | EA | 18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,133.81 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *115.08* | |
| 26 05 36 00-1731 | EA | 24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,355.35 | 405.33 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *135.74* | |
| 26 05 36 00-1732 | EA | 30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,630.78 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *156.48* | |
| 26 05 36 00-1733 | EA | 36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,815.14 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *174.41* | |
| **26 05 36 00-1734** | | **12" Radius Vertical Tees** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1735 | EA | 6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 597.83 | 211.29 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *54.47* | |
| 26 05 36 00-1736 | EA | 12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 650.65 | 239.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *57.63* | |
| 26 05 36 00-1737 | EA | 18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 679.97 | 251.11 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *60.14* | |
| 26 05 36 00-1738 | EA | 24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 718.12 | 263.54 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *63.79* | |
| 26 05 36 00-1739 | EA | 30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 791.67 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *69.91* | |
| 26 05 36 00-1740 | EA | 36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray | 907.00 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *77.42* | |
| **26 05 36 00-1741** | | **24" Radius Vertical Tees** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1742 | EA | 6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 744.96 | 229.45 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *73.50* | |
| 26 05 36 00-1743 | EA | 12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 823.39 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *79.51* | |
| 26 05 36 00-1744 | EA | 18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 872.51 | 277.74 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *84.58* | |
| 26 05 36 00-1745 | EA | 24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 932.84 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *91.08* | |
| 26 05 36 00-1746 | EA | 30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,037.96 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *100.70* | |
| 26 05 36 00-1747 | EA | 36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,189.78 | 405.33 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *110.90* | |
| **26 05 36 00-1748** | | **36" Radius Vertical Tees** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1749 | EA | 6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 984.96 | 251.11 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *105.89* | |
| 26 05 36 00-1750 | EA | 12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,075.00 | 289.51 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *113.01* | |
| 26 05 36 00-1751 | EA | 18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,144.30 | 310.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *119.96* | |
| 26 05 36 00-1752 | EA | 24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,194.81 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *124.23* | |
| 26 05 36 00-1753 | EA | 30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,324.95 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *135.96* | |
| 26 05 36 00-1754 | EA | 36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray | 876.05 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *51.47* | |
| **26 05 36 00-1755** | | **12" Radius Horizontal Crosses** *(26 05 36 00-1649)* | | |
| 26 05 36 00-1756 | EA | 6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray | 619.28 | 239.78 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *52.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1757 | EA | 12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray | 687.45 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *59.12* | |
| 26 05 36 00-1758 | EA | 18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray | 799.22 | 310.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *68.20* | |
| 26 05 36 00-1759 | EA | 24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray | 948.49 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *79.49* | |
| 26 05 36 00-1760 | EA | 30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray | 1,038.15 | 405.33 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *88.16* | |
| 26 05 36 00-1761 | EA | 36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray | 1,202.54 | 481.00 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *100.21* | |

## 26 05 36 00-1762 24" Radius Horizontal Crosses *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1763 | EA | 6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray | 824.09 | 264.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *79.55* | |
| 26 05 36 00-1764 | EA | 12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray | 932.84 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *91.08* | |
| 26 05 36 00-1765 | EA | 18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,069.09 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *101.73* | |
| 26 05 36 00-1766 | EA | 24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,319.10 | 441.18 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *124.34* | |
| 26 05 36 00-1767 | EA | 30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,446.54 | 481.00 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *136.81* | |
| 26 05 36 00-1768 | EA | 36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray | 1,649.57 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *149.58* | |

## 26 05 36 00-1769 36" Radius Horizontal Crosses *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1770 | EA | 6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,141.98 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *122.46* | |
| 26 05 36 00-1771 | EA | 12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,255.81 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *133.38* | |
| 26 05 36 00-1772 | EA | 18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,461.58 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *151.51* | |
| 26 05 36 00-1773 | EA | 24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,735.35 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *172.17* | |
| 26 05 36 00-1774 | EA | 30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray | 1,902.29 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *187.49* | |
| 26 05 36 00-1775 | EA | 36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray | 2,180.49 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *217.08* | |

## 26 05 36 00-1776 Straight Reducers *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1777 | EA | 12"-6" Reducer, Solid Bottom, Aluminum Cable Tray | 233.86 | 75.45 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *22.50* | |
| 26 05 36 00-1778 | EA | 18"-12" Reducer, Solid Bottom, Aluminum Cable Tray | 257.97 | 87.88 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *24.05* | |
| 26 05 36 00-1779 | EA | 24"-18" Reducer, Solid Bottom, Aluminum Cable Tray | 284.26 | 99.43 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *26.06* | |
| 26 05 36 00-1780 | EA | 30"-24" Reducer, Solid Bottom, Aluminum Cable Tray | 320.20 | 114.72 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *28.91* | |
| 26 05 36 00-1781 | EA | 36"-30" Reducer, Solid Bottom, Aluminum Cable Tray | 355.58 | 131.77 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *31.37* | |

## 26 05 36 00-1782 Reducers *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1783 | EA | 18"-6" Reducer, Solid Bottom, Aluminum Cable Tray | 256.30 | 87.88 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *23.80* | |
| 26 05 36 00-1784 | EA | 24"-12" Reducer, Solid Bottom, Aluminum Cable Tray | 282.82 | 99.65 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *25.82* | |
| 26 05 36 00-1785 | EA | 30"-12" Reducer, Solid Bottom, Aluminum Cable Tray | 316.58 | 114.61 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *28.38* | |
| 26 05 36 00-1786 | EA | 30"-18" Reducer, Solid Bottom, Aluminum Cable Tray | 318.19 | 114.61 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *28.63* | |
| 26 05 36 00-1787 | EA | 36"-12" Reducer, Solid Bottom, Aluminum Cable Tray | 355.58 | 131.77 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *31.37* | |
| 26 05 36 00-1788 | EA | 36"-18" Reducer, Solid Bottom, Aluminum Cable Tray | 357.32 | 131.77 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *31.63* | |
| 26 05 36 00-1789 | EA | 36"-24" Reducer, Solid Bottom, Aluminum Cable Tray | 361.16 | 131.99 |
| | | *For 4-5/8" Overall Height Instead Of 3-5/8", Add* | *32.18* | |

## 26 05 36 00-1790 Dropout Or End Plate *(26 05 36 00-1649)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1791 | EA | 6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray | 77.04 | 33.00 |
| 26 05 36 00-1792 | EA | 12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray | 92.02 | 40.26 |
| 26 05 36 00-1793 | EA | 18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray | 109.43 | 47.74 |
| 26 05 36 00-1794 | EA | 24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray | 120.84 | 52.80 |
| 26 05 36 00-1795 | EA | 30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray | 136.03 | 58.62 |
| 26 05 36 00-1796 | EA | 36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray | 154.43 | 66.00 |

## 26 05 36 00-1797 Vented Bottom Cable Tray *(26 05 36 00-0001)*

Note: 6" Height.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-1798** | | **Vented Bottom Galvanized Steel Cable Tray** *(26 05 36 00-1797)* | | |
| 26 05 36 00-1799 | LF | 6" Vented Bottom Steel Cable Tray, Straight Section | 33.16 | 11.55 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-2.35* | |
| 26 05 36 00-1800 | LF | 12" Vented Bottom Steel Cable Tray, Straight Section | 38.89 | 13.20 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-2.79* | |
| 26 05 36 00-1801 | LF | 18" Vented Bottom Steel Cable Tray, Straight Section | 45.70 | 15.18 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-3.30* | |
| 26 05 36 00-1802 | LF | 24" Vented Bottom Steel Cable Tray, Straight Section | 52.43 | 17.38 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-3.79* | |
| 26 05 36 00-1803 | LF | 30" Vented Bottom Steel Cable Tray, Straight Section | 68.64 | 21.01 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-5.11* | |
| 26 05 36 00-1804 | LF | 36" Vented Bottom Steel Cable Tray, Straight Section | 81.64 | 26.39 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-5.96* | |
| **26 05 36 00-1805** | | **Vented Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-1797)* | | |
| **26 05 36 00-1806** | | **90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1805)* | | |
| 26 05 36 00-1807 | EA | 6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 317.16 | 139.03 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-20.13* | |
| 26 05 36 00-1808 | EA | 12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 415.02 | 188.09 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-25.83* | |
| 26 05 36 00-1809 | EA | 18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 516.35 | 239.78 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-31.65* | |
| 26 05 36 00-1810 | EA | 24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 633.13 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-38.85* | |
| 26 05 36 00-1811 | EA | 30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 714.07 | 330.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-43.85* | |
| 26 05 36 00-1812 | EA | 36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 817.83 | 377.50 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-50.32* | |
| **26 05 36 00-1813** | | **90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1805)* | | |
| 26 05 36 00-1814 | EA | 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 370.47 | 146.51 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-24.84* | |
| 26 05 36 00-1815 | EA | 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 484.07 | 203.15 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-31.48* | |
| 26 05 36 00-1816 | EA | 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 615.77 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-39.58* | |
| 26 05 36 00-1817 | EA | 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 748.13 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-47.32* | |
| 26 05 36 00-1818 | EA | 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 796.68 | 340.87 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-51.26* | |
| 26 05 36 00-1819 | EA | 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 998.59 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-63.19* | |
| **26 05 36 00-1820** | | **90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1805)* | | |
| 26 05 36 00-1821 | EA | 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 446.78 | 154.87 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-31.77* | |
| 26 05 36 00-1822 | EA | 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 582.88 | 220.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-39.93* | |
| 26 05 36 00-1823 | EA | 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 748.19 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-50.35* | |
| 26 05 36 00-1824 | EA | 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 901.10 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-58.72* | |
| 26 05 36 00-1825 | EA | 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 1,040.14 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-67.35* | |
| 26 05 36 00-1826 | EA | 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 1,220.55 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-78.13* | |
| **26 05 36 00-1827** | | **45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1805)* | | |
| 26 05 36 00-1828 | EA | 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 298.54 | 139.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-18.26* | |
| 26 05 36 00-1829 | EA | 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 392.70 | 188.09 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-23.59* | |
| 26 05 36 00-1830 | EA | 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 490.10 | 239.45 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-29.06* | |
| 26 05 36 00-1831 | EA | 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 600.61 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-35.64* | |
| 26 05 36 00-1832 | EA | 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 678.21 | 330.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-40.27* | |
| 26 05 36 00-1833 | EA | 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray | 774.91 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-46.10* | |
| **26 05 36 00-1834** | | **45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1805)* | | |
| 26 05 36 00-1835 | EA | 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 342.91 | 146.62 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-22.07* | |
| 26 05 36 00-1836 | EA | 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 452.08 | 203.15 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-28.28* | |
| 26 05 36 00-1837 | EA | 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 577.79 | 264.42 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-35.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1838 | EA | 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 704.54 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-42.96* | |
| 26 05 36 00-1839 | EA | 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 807.51 | 377.50 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-49.29* | |
| 26 05 36 00-1840 | EA | 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray | 940.22 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-57.36* | |

### 26 05 36 00-1841 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1842 | EA | 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 405.78 | 155.20 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-27.64* | |
| 26 05 36 00-1843 | EA | 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 534.44 | 219.66 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-35.14* | |
| 26 05 36 00-1844 | EA | 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 691.23 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-44.66* | |
| 26 05 36 00-1845 | EA | 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 842.41 | 377.50 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-52.78* | |
| 26 05 36 00-1846 | EA | 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 972.63 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-60.60* | |
| 26 05 36 00-1847 | EA | 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray | 1,148.13 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-70.75* | |

### 26 05 36 00-1848 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1849 | EA | 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray | 341.34 | 138.59 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-22.58* | |
| 26 05 36 00-1850 | EA | 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray | 436.60 | 188.09 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-27.98* | |
| 26 05 36 00-1851 | EA | 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray | 524.34 | 239.78 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-32.45* | |
| 26 05 36 00-1852 | EA | 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray | 631.53 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-38.69* | |
| 26 05 36 00-1853 | EA | 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray | 696.49 | 330.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-42.10* | |
| 26 05 36 00-1854 | EA | 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray | 781.23 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-46.73* | |

### 26 05 36 00-1855 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1856 | EA | 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray | 402.43 | 146.51 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-28.03* | |
| 26 05 36 00-1857 | EA | 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray | 506.45 | 203.15 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-33.71* | |
| 26 05 36 00-1858 | EA | 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray | 625.36 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-40.54* | |
| 26 05 36 00-1859 | EA | 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray | 741.74 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-46.68* | |
| 26 05 36 00-1860 | EA | 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray | 843.56 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-52.97* | |
| 26 05 36 00-1861 | EA | 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray | 958.63 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-59.20* | |

### 26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1863 | EA | 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray | 472.35 | 154.87 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-34.33* | |
| 26 05 36 00-1864 | EA | 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray | 594.07 | 220.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-41.05* | |
| 26 05 36 00-1865 | EA | 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray | 741.80 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-49.72* | |
| 26 05 36 00-1866 | EA | 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray | 897.90 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-58.40* | |
| 26 05 36 00-1867 | EA | 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray | 1,009.77 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-64.31* | |
| 26 05 36 00-1868 | EA | 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray | 1,185.39 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-74.61* | |

### 26 05 36 00-1869 12" Radius Horizontal Tees *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1870 | EA | 6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 569.42 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-34.94* | |
| 26 05 36 00-1871 | EA | 12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 692.71 | 329.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-41.83* | |
| 26 05 36 00-1872 | EA | 18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 792.26 | 377.50 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-47.76* | |
| 26 05 36 00-1873 | EA | 24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 921.87 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-55.52* | |
| 26 05 36 00-1874 | EA | 30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 1,015.12 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-61.54* | |
| 26 05 36 00-1875 | EA | 36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 1,115.07 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-67.58* | |

### 26 05 36 00-1876 24" Radius Horizontal Tees *(26 05 36 00-1805)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1877 | EA | 6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 702.57 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-45.84* | |
| 26 05 36 00-1878 | EA | 12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 861.14 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-54.72* | |
| 26 05 36 00-1879 | EA | 18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 993.79 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-62.71* | |
| 26 05 36 00-1880 | EA | 24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 1,217.35 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-77.81* | |
| 26 05 36 00-1881 | EA | 30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 1,346.16 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-85.69* | |
| 26 05 36 00-1882 | EA | 36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 1,505.87 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-95.59* | |

### 26 05 36 00-1883 36" Radius Horizontal Tees *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1884 | EA | 6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 856.81 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-58.18* | |
| 26 05 36 00-1885 | EA | 12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,083.29 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-71.66* | |
| 26 05 36 00-1886 | EA | 18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,263.32 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-82.26* | |
| 26 05 36 00-1887 | EA | 24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,560.20 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-101.02* | |
| 26 05 36 00-1888 | EA | 30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,748.82 | 756.86 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-111.81* | |
| 26 05 36 00-1889 | EA | 36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 2,038.01 | 877.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-130.67* | |

### 26 05 36 00-1890 12" Radius Vertical Tees *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1891 | EA | 6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 655.72 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-43.57* | |
| 26 05 36 00-1892 | EA | 12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 768.91 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-49.39* | |
| 26 05 36 00-1893 | EA | 18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 810.06 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-51.69* | |
| 26 05 36 00-1894 | EA | 24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 864.34 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-55.04* | |
| 26 05 36 00-1895 | EA | 30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 928.21 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-58.96* | |
| 26 05 36 00-1896 | EA | 36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray | 1,055.08 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-65.54* | |

### 26 05 36 00-1897 24" Radius Vertical Tees *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1898 | EA | 6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 777.69 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-53.35* | |
| 26 05 36 00-1899 | EA | 12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 931.46 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-61.76* | |
| 26 05 36 00-1900 | EA | 18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 995.34 | 406.42 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-65.67* | |
| 26 05 36 00-1901 | EA | 24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 1,075.30 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-70.87* | |
| 26 05 36 00-1902 | EA | 30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 1,158.96 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-75.93* | |
| 26 05 36 00-1903 | EA | 36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray | 1,368.53 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-87.92* | |

### 26 05 36 00-1904 36" Radius Vertical Tees *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1905 | EA | 6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,009.14 | 329.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-73.47* | |
| 26 05 36 00-1906 | EA | 12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,204.75 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-83.81* | |
| 26 05 36 00-1907 | EA | 18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,286.81 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-88.71* | |
| 26 05 36 00-1908 | EA | 24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,400.77 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-96.01* | |
| 26 05 36 00-1909 | EA | 30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,577.89 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-108.86* | |
| 26 05 36 00-1910 | EA | 36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray | 1,862.93 | 753.35 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-123.51* | |

### 26 05 36 00-1911 12" Radius Horizontal Crosses *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1912 | EA | 6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray | 716.17 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-44.12* | |
| 26 05 36 00-1913 | EA | 12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray | 797.06 | 377.50 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-48.24* | |
| 26 05 36 00-1914 | EA | 18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray | 920.28 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-55.36* | |
| 26 05 36 00-1915 | EA | 24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray | 1,075.11 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-63.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1916 | EA | 30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray | 1,195.67 | 585.06 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-70.81* | |
| 26 05 36 00-1917 | EA | 36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray | 1,347.65 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-79.77* | |

### 26 05 36 00-1918 24" Radius Horizontal Crosses *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1919 | EA | 6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray | 889.75 | 377.50 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-57.51* | |
| 26 05 36 00-1920 | EA | 12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray | 1,006.58 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-63.99* | |
| 26 05 36 00-1921 | EA | 18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray | 1,179.00 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-73.97* | |
| 26 05 36 00-1922 | EA | 24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray | 1,481.89 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-93.19* | |
| 26 05 36 00-1923 | EA | 30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray | 1,677.55 | 753.35 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-104.97* | |
| 26 05 36 00-1924 | EA | 36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray | 1,910.16 | 877.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-117.88* | |

### 26 05 36 00-1925 36" Radius Horizontal Crosses *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1926 | EA | 6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray | 1,172.79 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-80.61* | |
| 26 05 36 00-1927 | EA | 12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray | 1,343.23 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-90.26* | |
| 26 05 36 00-1928 | EA | 18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray | 1,571.39 | 659.96 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-102.14* | |
| 26 05 36 00-1929 | EA | 24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray | 2,037.84 | 882.25 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-130.26* | |
| 26 05 36 00-1930 | EA | 30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray | 2,385.99 | 1,057.59 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-150.46* | |
| 26 05 36 00-1931 | EA | 36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray | 2,871.09 | 1,319.92 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-177.12* | |

### 26 05 36 00-1932 Straight Reducers *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1933 | EA | 12"-6" Reducer, Vented Bottom, Steel Cable Tray | 268.03 | 112.41 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-17.44* | |
| 26 05 36 00-1934 | EA | 18"-12" Reducer, Vented Bottom, Steel Cable Tray | 293.17 | 125.62 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-18.85* | |
| 26 05 36 00-1935 | EA | 24"-18" Reducer, Vented Bottom, Steel Cable Tray | 333.49 | 146.40 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-21.15* | |
| 26 05 36 00-1936 | EA | 30"-24" Reducer, Vented Bottom, Steel Cable Tray | 367.67 | 164.99 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-23.02* | |
| 26 05 36 00-1937 | EA | 36"-30" Reducer, Vented Bottom, Steel Cable Tray | 401.94 | 181.71 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-25.05* | |

### 26 05 36 00-1938 Reducers *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1939 | EA | 18"-6" Reducer, Vented Bottom, Steel Cable Tray | 293.17 | 125.62 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-18.85* | |
| 26 05 36 00-1940 | EA | 24"-12" Reducer, Vented Bottom, Steel Cable Tray | 332.33 | 146.62 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-21.01* | |
| 26 05 36 00-1941 | EA | 30"-12" Reducer, Vented Bottom, Steel Cable Tray | 365.81 | 164.77 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-22.85* | |
| 26 05 36 00-1942 | EA | 30"-18" Reducer, Vented Bottom, Steel Cable Tray | 367.12 | 164.66 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-22.99* | |
| 26 05 36 00-1943 | EA | 36"-12" Reducer, Vented Bottom, Steel Cable Tray | 400.34 | 181.71 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-24.89* | |
| 26 05 36 00-1944 | EA | 36"-18" Reducer, Vented Bottom, Steel Cable Tray | 401.94 | 181.71 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-25.05* | |
| 26 05 36 00-1945 | EA | 36"-24" Reducer, Vented Bottom, Steel Cable Tray | 404.19 | 182.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-25.24* | |

### 26 05 36 00-1946 Dropout Or End Plate *(26 05 36 00-1805)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1947 | EA | 6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray | 86.90 | 40.59 |
| 26 05 36 00-1948 | EA | 12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray | 102.88 | 47.63 |
| 26 05 36 00-1949 | EA | 18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray | 113.44 | 52.58 |
| 26 05 36 00-1950 | EA | 24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray | 127.44 | 58.62 |
| 26 05 36 00-1951 | EA | 30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray | 141.66 | 65.89 |
| 26 05 36 00-1952 | EA | 36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray | 166.48 | 78.75 |

### 26 05 36 00-1953 Vented Bottom Aluminum Cable Tray *(26 05 36 00-1797)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1954 | LF | 6" Vented Bottom Aluminum Cable Tray, Straight Section | 30.80 | 8.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-2.36* | |
| 26 05 36 00-1955 | LF | 9" Vented Bottom Aluminum Cable Tray, Straight Section | 34.12 | 9.46 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-2.63* | |
| 26 05 36 00-1956 | LF | 12" Vented Bottom Aluminum Cable Tray, Straight Section | 38.18 | 10.56 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-2.94* | |
| 26 05 36 00-1957 | LF | 18" Vented Bottom Aluminum Cable Tray, Straight Section | 44.36 | 11.77 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-3.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1958 | LF | 24" Vented Bottom Aluminum Cable Tray, Straight Section | 50.79 | 13.09 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-3.99* | |
| 26 05 36 00-1959 | LF | 30" Vented Bottom Aluminum Cable Tray, Straight Section | 64.14 | 15.07 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-5.16* | |
| 26 05 36 00-1960 | LF | 36" Vented Bottom Aluminum Cable Tray, Straight Section | 71.59 | 17.71 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-5.69* | |

### 26 05 36 00-1961 Vented Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1797)*

### 26 05 36 00-1962 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1963 | EA | 6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 399.42 | 139.03 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-28.36* | |
| 26 05 36 00-1964 | EA | 9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 433.93 | 150.91 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-30.81* | |
| 26 05 36 00-1965 | EA | 12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 477.70 | 169.93 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-33.61* | |
| 26 05 36 00-1966 | EA | 18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 540.01 | 188.31 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-38.31* | |
| 26 05 36 00-1967 | EA | 24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 645.56 | 229.78 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-45.41* | |
| 26 05 36 00-1968 | EA | 30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 764.04 | 264.42 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-54.37* | |
| 26 05 36 00-1969 | EA | 36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 841.83 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-59.72* | |

### 26 05 36 00-1970 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1971 | EA | 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 487.34 | 146.51 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-36.52* | |
| 26 05 36 00-1972 | EA | 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 587.98 | 182.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-43.62* | |
| 26 05 36 00-1973 | EA | 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 666.87 | 203.15 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-49.76* | |
| 26 05 36 00-1974 | EA | 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 792.97 | 251.11 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-58.37* | |
| 26 05 36 00-1975 | EA | 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 915.48 | 292.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-67.17* | |
| 26 05 36 00-1976 | EA | 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,011.91 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-73.69* | |

### 26 05 36 00-1977 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1978 | EA | 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 601.02 | 154.87 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-47.19* | |
| 26 05 36 00-1979 | EA | 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 717.64 | 195.68 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-55.45* | |
| 26 05 36 00-1980 | EA | 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 812.07 | 220.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-62.85* | |
| 26 05 36 00-1981 | EA | 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 949.21 | 277.74 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-71.77* | |
| 26 05 36 00-1982 | EA | 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,019.94 | 269.16 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-79.57* | |
| 26 05 36 00-1983 | EA | 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,247.80 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-93.39* | |

### 26 05 36 00-1984 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1985 | EA | 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 362.70 | 139.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-24.68* | |
| 26 05 36 00-1986 | EA | 9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 394.04 | 151.13 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-26.81* | |
| 26 05 36 00-1987 | EA | 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 434.91 | 169.93 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-29.33* | |
| 26 05 36 00-1988 | EA | 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 489.91 | 188.09 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-33.31* | |
| 26 05 36 00-1989 | EA | 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 587.27 | 229.45 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-39.60* | |
| 26 05 36 00-1990 | EA | 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 692.90 | 264.42 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-47.26* | |
| 26 05 36 00-1991 | EA | 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray | 763.40 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-51.92* | |

### 26 05 36 00-1992 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-1993 | EA | 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 434.07 | 146.62 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-31.19* | |
| 26 05 36 00-1994 | EA | 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 525.39 | 182.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-37.36* | |
| 26 05 36 00-1995 | EA | 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 595.09 | 203.49 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-42.56* | |
| 26 05 36 00-1996 | EA | 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 711.23 | 251.55 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-50.16* | |
| 26 05 36 00-1997 | EA | 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 823.06 | 293.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-57.84* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-1998 | EA | 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray | 910.28 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-63.53* | |

## 26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2000 | EA | 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 526.08 | 155.20 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-39.67* | |
| 26 05 36 00-2001 | EA | 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 630.75 | 195.24 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-46.80* | |
| 26 05 36 00-2002 | EA | 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 714.18 | 220.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-53.06* | |
| 26 05 36 00-2003 | EA | 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 843.00 | 278.28 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-61.11* | |
| 26 05 36 00-2004 | EA | 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 963.52 | 310.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-70.46* | |
| 26 05 36 00-2005 | EA | 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,112.84 | 377.50 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-79.82* | |

## 26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2007 | EA | 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray | 435.30 | 138.59 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-31.98* | |
| 26 05 36 00-2008 | EA | 9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray | 467.28 | 150.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-34.18* | |
| 26 05 36 00-2009 | EA | 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray | 502.01 | 169.93 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-36.04* | |
| 26 05 36 00-2010 | EA | 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray | 540.01 | 188.31 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-38.31* | |
| 26 05 36 00-2011 | EA | 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray | 633.41 | 229.78 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-44.19* | |
| 26 05 36 00-2012 | EA | 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray | 703.25 | 264.42 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-48.29* | |
| 26 05 36 00-2013 | EA | 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray | 753.44 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-50.92* | |

## 26 05 36 00-2014 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2015 | EA | 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray | 518.95 | 146.51 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-39.68* | |
| 26 05 36 00-2016 | EA | 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray | 602.56 | 182.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-45.08* | |
| 26 05 36 00-2017 | EA | 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray | 664.44 | 203.15 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-49.51* | |
| 26 05 36 00-2018 | EA | 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray | 749.84 | 251.55 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-54.03* | |
| 26 05 36 00-2019 | EA | 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray | 836.10 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-59.19* | |
| 26 05 36 00-2020 | EA | 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray | 914.66 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-63.97* | |

## 26 05 36 00-2021 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2022 | EA | 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray | 598.59 | 154.87 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-46.95* | |
| 26 05 36 00-2023 | EA | 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray | 690.89 | 195.68 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-52.78* | |
| 26 05 36 00-2024 | EA | 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray | 775.60 | 220.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-59.20* | |
| 26 05 36 00-2025 | EA | 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray | 905.44 | 277.74 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-67.40* | |
| 26 05 36 00-2026 | EA | 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,004.13 | 310.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-74.52* | |
| 26 05 36 00-2027 | EA | 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,128.67 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-81.48* | |

## 26 05 36 00-2028 12" Radius Horizontal Tees *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2029 | EA | 6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 695.26 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-47.53* | |
| 26 05 36 00-2030 | EA | 9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 725.52 | 277.74 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-49.41* | |
| 26 05 36 00-2031 | EA | 12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 772.03 | 292.58 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-52.83* | |
| 26 05 36 00-2032 | EA | 18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 881.72 | 330.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-60.62* | |
| 26 05 36 00-2033 | EA | 24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 1,007.10 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-69.32* | |
| 26 05 36 00-2034 | EA | 30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 1,139.32 | 439.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-77.27* | |
| 26 05 36 00-2035 | EA | 36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 1,261.32 | 479.57 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-86.16* | |

## 26 05 36 00-2036 24" Radius Horizontal Tees *(26 05 36 00-1961)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2037 | EA | 6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 877.43 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-63.32* | |
| 26 05 36 00-2038 | EA | 12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 991.37 | 329.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-71.69* | |
| 26 05 36 00-2039 | EA | 18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,114.08 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-80.02* | |
| 26 05 36 00-2040 | EA | 24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,339.17 | 438.76 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-97.35* | |
| 26 05 36 00-2041 | EA | 30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,537.82 | 528.85 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-109.71* | |
| 26 05 36 00-2042 | EA | 36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,744.45 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-125.52* | |

## 26 05 36 00-2043 36" Radius Horizontal Tees *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2044 | EA | 6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,174.81 | 329.97 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-89.98* | |
| 26 05 36 00-2045 | EA | 12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,345.06 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-103.12* | |
| 26 05 36 00-2046 | EA | 18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,426.93 | 367.49 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-112.07* | |
| 26 05 36 00-2047 | EA | 24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,826.76 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-138.75* | |
| 26 05 36 00-2048 | EA | 30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 2,113.36 | 662.59 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-156.12* | |
| 26 05 36 00-2049 | EA | 36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 2,422.67 | 753.35 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-179.49* | |

## 26 05 36 00-2050 12" Radius Vertical Tees *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2051 | EA | 6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 790.08 | 263.98 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-57.01* | |
| 26 05 36 00-2052 | EA | 9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 815.48 | 277.74 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-58.40* | |
| 26 05 36 00-2053 | EA | 12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 867.71 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-62.35* | |
| 26 05 36 00-2054 | EA | 18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 899.58 | 310.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-64.07* | |
| 26 05 36 00-2055 | EA | 24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 940.32 | 329.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-66.59* | |
| 26 05 36 00-2056 | EA | 30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 994.79 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-70.16* | |
| 26 05 36 00-2057 | EA | 36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray | 1,101.12 | 405.33 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-76.33* | |

## 26 05 36 00-2058 24" Radius Vertical Tees *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2059 | EA | 6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 984.41 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-74.02* | |
| 26 05 36 00-2060 | EA | 12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,083.76 | 329.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-80.93* | |
| 26 05 36 00-2061 | EA | 18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,157.68 | 351.76 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-86.45* | |
| 26 05 36 00-2062 | EA | 24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,235.65 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-92.17* | |
| 26 05 36 00-2063 | EA | 30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,332.10 | 405.33 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-99.43* | |
| 26 05 36 00-2064 | EA | 36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,470.31 | 481.00 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-106.95* | |

## 26 05 36 00-2065 36" Radius Vertical Tees *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2066 | EA | 6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,314.74 | 329.32 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-104.03* | |
| 26 05 36 00-2067 | EA | 12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,442.31 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-112.84* | |
| 26 05 36 00-2068 | EA | 18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,514.45 | 405.33 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-117.66* | |
| 26 05 36 00-2069 | EA | 24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,634.85 | 441.18 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-126.72* | |
| 26 05 36 00-2070 | EA | 30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,774.23 | 481.00 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-137.34* | |
| 26 05 36 00-2071 | EA | 36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,996.28 | 585.06 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-150.87* | |

## 26 05 36 00-2072 12" Radius Horizontal Crosses *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2073 | EA | 6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray | 806.93 | 293.02 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-56.27* | |
| 26 05 36 00-2074 | EA | 9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray | 858.25 | 310.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-59.93* | |
| 26 05 36 00-2075 | EA | 12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray | 901.17 | 330.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-62.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2076 | EA | 18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray | 994.94 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-68.10* | |
| 26 05 36 00-2077 | EA | 24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray | 1,139.80 | 438.76 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-77.41* | |
| 26 05 36 00-2078 | EA | 30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray | 1,293.04 | 478.24 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-89.45* | |
| 26 05 36 00-2079 | EA | 36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray | 1,576.69 | 587.14 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-108.74* | |

## 26 05 36 00-2080 24" Radius Horizontal Crosses *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2081 | EA | 6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,122.42 | 330.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-84.69* | |
| 26 05 36 00-2082 | EA | 12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,252.66 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-93.88* | |
| 26 05 36 00-2083 | EA | 18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,404.81 | 438.76 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-103.91* | |
| 26 05 36 00-2084 | EA | 24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,656.57 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-121.73* | |
| 26 05 36 00-2085 | EA | 30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray | 1,813.93 | 585.06 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-132.64* | |
| 26 05 36 00-2086 | EA | 36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray | 2,203.85 | 753.35 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-157.60* | |

## 26 05 36 00-2087 36" Radius Horizontal Crosses *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2088 | EA | 6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,563.88 | 376.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-125.00* | |
| 26 05 36 00-2089 | EA | 12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,732.10 | 441.18 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-136.45* | |
| 26 05 36 00-2090 | EA | 18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray | 1,960.49 | 527.08 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-152.12* | |
| 26 05 36 00-2091 | EA | 24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray | 2,356.49 | 662.59 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-180.43* | |
| 26 05 36 00-2092 | EA | 30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray | 2,622.93 | 756.86 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-199.22* | |
| 26 05 36 00-2093 | EA | 36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray | 3,043.04 | 877.64 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-231.17* | |

## 26 05 36 00-2094 Straight Reducers *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2095 | EA | 9"-6" Reducer, Vented Bottom, Aluminum Cable Tray | 302.35 | 87.99 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-22.90* | |
| 26 05 36 00-2096 | EA | 12"-9" Reducer, Vented Bottom, Aluminum Cable Tray | 317.39 | 92.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-24.01* | |
| 26 05 36 00-2097 | EA | 18"-12" Reducer, Vented Bottom, Aluminum Cable Tray | 358.26 | 109.89 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-26.67* | |
| 26 05 36 00-2098 | EA | 24"-18" Reducer, Vented Bottom, Aluminum Cable Tray | 396.32 | 125.51 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-29.18* | |
| 26 05 36 00-2099 | EA | 30"-24" Reducer, Vented Bottom, Aluminum Cable Tray | 436.51 | 146.62 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-31.43* | |
| 26 05 36 00-2100 | EA | 36"-30" Reducer, Vented Bottom, Aluminum Cable Tray | 473.80 | 164.66 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-33.66* | |

## 26 05 36 00-2101 Reducers *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2102 | EA | 12"-6" Reducer, Vented Bottom, Aluminum Cable Tray | 317.13 | 92.51 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-24.00* | |
| 26 05 36 00-2103 | EA | 18"-6" Reducer, Vented Bottom, Aluminum Cable Tray | 358.14 | 109.89 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-26.66* | |
| 26 05 36 00-2104 | EA | 18"-9" Reducer, Vented Bottom, Aluminum Cable Tray | 358.14 | 109.89 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-26.66* | |
| 26 05 36 00-2105 | EA | 24"-6" Reducer, Vented Bottom, Aluminum Cable Tray | 396.48 | 125.62 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-29.18* | |
| 26 05 36 00-2106 | EA | 24"-9" Reducer, Vented Bottom, Aluminum Cable Tray | 396.48 | 125.62 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-29.18* | |
| 26 05 36 00-2107 | EA | 24"-12" Reducer, Vented Bottom, Aluminum Cable Tray | 396.80 | 125.73 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-29.20* | |
| 26 05 36 00-2108 | EA | 30"-12" Reducer, Vented Bottom, Aluminum Cable Tray | 441.15 | 146.51 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-31.90* | |
| 26 05 36 00-2109 | EA | 30"-18" Reducer, Vented Bottom, Aluminum Cable Tray | 436.07 | 146.40 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-31.41* | |
| 26 05 36 00-2110 | EA | 36"-12" Reducer, Vented Bottom, Aluminum Cable Tray | 473.80 | 164.66 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-33.66* | |
| 26 05 36 00-2111 | EA | 36"-18" Reducer, Vented Bottom, Aluminum Cable Tray | 473.80 | 164.66 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-33.66* | |
| 26 05 36 00-2112 | EA | 36"-24" Reducer, Vented Bottom, Aluminum Cable Tray | 474.35 | 164.99 |
| | | *For 4-5/8" Overall Height Instead Of 6", Deduct* | *-33.69* | |

## 26 05 36 00-2113 Dropout Or End Plate *(26 05 36 00-1961)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2114 | EA | 6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray | 99.49 | 40.59 |
| 26 05 36 00-2115 | EA | 9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray | 108.57 | 44.33 |
| 26 05 36 00-2116 | EA | 12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray | 117.00 | 47.63 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2117 | EA | 18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray | 132.97 | 52.58 |
| 26 05 36 00-2118 | EA | 24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray | 152.50 | 58.62 |
| 26 05 36 00-2119 | EA | 30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray | 168.21 | 65.89 |
| 26 05 36 00-2120 | EA | 36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray | 192.60 | 75.45 |
| 26 05 36 00-2121 | | Covers And Dividers *(26 05 36 00-0001)* | | |
| 26 05 36 00-2122 | | Galvanized Steel Covers *(26 05 36 00-2121)* | | |
| 26 05 36 00-2123 | | Ventilated Straight Sections *(26 05 36 00-2122)* | | |
| 26 05 36 00-2124 | LF | 6" Steel Cable Tray Cover, Straight Section | 8.39 | 1.98 |
| 26 05 36 00-2125 | LF | 9" Steel Cable Tray Cover, Straight Section | 10.08 | 2.31 |
| 26 05 36 00-2126 | LF | 12" Steel Cable Tray Cover, Straight Section | 11.82 | 2.64 |
| 26 05 36 00-2127 | LF | 18" Steel Cable Tray Cover, Straight Section | 16.01 | 3.52 |
| 26 05 36 00-2128 | LF | 24" Steel Cable Tray Cover, Straight Section | 20.41 | 4.73 |
| 26 05 36 00-2129 | LF | 30" Steel Cable Tray Cover, Straight Section | 24.77 | 5.83 |
| 26 05 36 00-2130 | LF | 36" Steel Cable Tray Cover, Straight Section | 127.39 | 66.10 |
| 26 05 36 00-2131 | | 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2122)* | | |
| 26 05 36 00-2132 | EA | 6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 49.34 | 7.04 |
| 26 05 36 00-2133 | EA | 9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 55.30 | 8.25 |
| 26 05 36 00-2134 | EA | 12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 60.19 | 9.79 |
| 26 05 36 00-2135 | EA | 18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 81.61 | 12.54 |
| 26 05 36 00-2136 | EA | 24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 100.16 | 15.95 |
| 26 05 36 00-2137 | EA | 30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 120.52 | 17.71 |
| 26 05 36 00-2138 | EA | 36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 145.51 | 21.12 |
| 26 05 36 00-2139 | | 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)* | | |
| 26 05 36 00-2140 | EA | 6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 75.30 | 7.81 |
| 26 05 36 00-2141 | EA | 9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 79.11 | 9.13 |
| 26 05 36 00-2142 | EA | 12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 89.50 | 11.00 |
| 26 05 36 00-2143 | EA | 18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 111.11 | 13.97 |
| 26 05 36 00-2144 | EA | 24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 136.45 | 17.60 |
| 26 05 36 00-2145 | EA | 30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 174.46 | 20.24 |
| 26 05 36 00-2146 | EA | 36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 203.05 | 23.98 |
| 26 05 36 00-2147 | | 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2122)* | | |
| 26 05 36 00-2148 | EA | 6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 105.70 | 8.80 |
| 26 05 36 00-2149 | EA | 9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 117.62 | 10.11 |
| 26 05 36 00-2150 | EA | 12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 128.01 | 12.54 |
| 26 05 36 00-2151 | EA | 18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 161.88 | 14.63 |
| 26 05 36 00-2152 | EA | 24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 196.85 | 20.35 |
| 26 05 36 00-2153 | EA | 30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 231.65 | 22.99 |
| 26 05 36 00-2154 | EA | 36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 270.87 | 26.39 |
| 26 05 36 00-2155 | | 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2122)* | | |
| 26 05 36 00-2156 | EA | 6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 38.48 | 7.04 |
| | | *For 60 Degree Bend, Deduct* | *-9.99* | |
| | | *For 30 Degree Bend, Deduct* | *-17.04* | |
| 26 05 36 00-2157 | EA | 9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 45.71 | 8.25 |
| | | *For 60 Degree Bend, Deduct* | *-11.92* | |
| | | *For 30 Degree Bend, Deduct* | *-20.33* | |
| 26 05 36 00-2158 | EA | 12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 51.40 | 9.79 |
| | | *For 60 Degree Bend, Deduct* | *-13.23* | |
| | | *For 30 Degree Bend, Deduct* | *-22.59* | |
| 26 05 36 00-2159 | EA | 18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 62.33 | 11.99 |
| | | *For 60 Degree Bend, Deduct* | *-15.97* | |
| | | *For 30 Degree Bend, Deduct* | *-27.29* | |
| 26 05 36 00-2160 | EA | 24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 72.73 | 13.86 |
| | | *For 60 Degree Bend, Deduct* | *-18.67* | |
| | | *For 30 Degree Bend, Deduct* | *-31.89* | |
| 26 05 36 00-2161 | EA | 30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 85.00 | 15.95 |
| | | *For 60 Degree Bend, Deduct* | *-21.92* | |
| | | *For 30 Degree Bend, Deduct* | *-37.42* | |
| 26 05 36 00-2162 | EA | 36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover | 94.86 | 17.60 |
| | | *For 60 Degree Bend, Deduct* | *-24.56* | |
| | | *For 30 Degree Bend, Deduct* | *-41.90* | |
| 26 05 36 00-2163 | | 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)* | | |
| 26 05 36 00-2164 | EA | 6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 52.14 | 7.81 |
| | | *For 60 Degree Bend, Deduct* | *-14.22* | |
| | | *For 30 Degree Bend, Deduct* | *-24.13* | |
| 26 05 36 00-2165 | EA | 9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 59.13 | 9.13 |
| | | *For 60 Degree Bend, Deduct* | *-16.02* | |
| | | *For 30 Degree Bend, Deduct* | *-27.21* | |
| 26 05 36 00-2166 | EA | 12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 67.92 | 11.00 |
| | | *For 60 Degree Bend, Deduct* | *-18.19* | |
| | | *For 30 Degree Bend, Deduct* | *-30.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2167 | EA | 18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 78.77 | 13.20 |
| | | *For 60 Degree Bend, Deduct* | *-20.93* | |
| | | *For 30 Degree Bend, Deduct* | *-35.61* | |
| 26 05 36 00-2168 | EA | 24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 90.71 | 15.07 |
| | | *For 60 Degree Bend, Deduct* | *-24.14* | |
| | | *For 30 Degree Bend, Deduct* | *-41.07* | |
| 26 05 36 00-2169 | EA | 30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 112.50 | 17.60 |
| | | *For 60 Degree Bend, Deduct* | *-30.36* | |
| | | *For 30 Degree Bend, Deduct* | *-51.59* | |
| 26 05 36 00-2170 | EA | 36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover | 124.97 | 20.35 |
| | | *For 60 Degree Bend, Deduct* | *-33.45* | |
| | | *For 30 Degree Bend, Deduct* | *-56.88* | |
| **26 05 36 00-2171** | | **45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2172 | EA | 6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 71.37 | 8.80 |
| | | *For 60 Degree Bend, Deduct* | *-20.19* | |
| | | *For 30 Degree Bend, Deduct* | *-34.13* | |
| 26 05 36 00-2173 | EA | 9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 80.87 | 10.11 |
| | | *For 60 Degree Bend, Deduct* | *-22.79* | |
| | | *For 30 Degree Bend, Deduct* | *-38.55* | |
| 26 05 36 00-2174 | EA | 12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 91.19 | 12.54 |
| | | *For 60 Degree Bend, Deduct* | *-25.29* | |
| | | *For 30 Degree Bend, Deduct* | *-42.85* | |
| 26 05 36 00-2175 | EA | 18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 103.95 | 13.97 |
| | | *For 60 Degree Bend, Deduct* | *-28.96* | |
| | | *For 30 Degree Bend, Deduct* | *-49.04* | |
| 26 05 36 00-2176 | EA | 24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 126.70 | 17.05 |
| | | *For 60 Degree Bend, Deduct* | *-35.28* | |
| | | *For 30 Degree Bend, Deduct* | *-59.74* | |
| 26 05 36 00-2177 | EA | 30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 140.95 | 20.35 |
| | | *For 60 Degree Bend, Deduct* | *-38.72* | |
| | | *For 30 Degree Bend, Deduct* | *-65.67* | |
| 26 05 36 00-2178 | EA | 36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover | 166.14 | 21.99 |
| | | *For 60 Degree Bend, Deduct* | *-46.39* | |
| | | *For 30 Degree Bend, Deduct* | *-78.54* | |
| **26 05 36 00-2179** | | **90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2180 | EA | 6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover | 43.07 | 7.04 |
| 26 05 36 00-2181 | EA | 9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover | 45.71 | 8.25 |
| 26 05 36 00-2182 | EA | 12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover | 50.60 | 9.79 |
| 26 05 36 00-2183 | EA | 18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover | 59.17 | 11.99 |
| 26 05 36 00-2184 | EA | 24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover | 65.82 | 15.51 |
| 26 05 36 00-2185 | EA | 30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover | 73.37 | 17.71 |
| 26 05 36 00-2186 | EA | 36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover | 91.90 | 21.12 |
| **26 05 36 00-2187** | | **90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2188 | EA | 6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover | 51.33 | 7.81 |
| 26 05 36 00-2189 | EA | 9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover | 57.53 | 9.13 |
| 26 05 36 00-2190 | EA | 12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover | 62.33 | 11.00 |
| 26 05 36 00-2191 | EA | 18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover | 80.32 | 13.20 |
| 26 05 36 00-2192 | EA | 24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover | 93.90 | 17.05 |
| 26 05 36 00-2193 | EA | 30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover | 108.15 | 20.35 |
| 26 05 36 00-2194 | EA | 36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover | 124.74 | 23.98 |
| **26 05 36 00-2195** | | **90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2196 | EA | 6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover | 59.35 | 8.80 |
| 26 05 36 00-2197 | EA | 9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover | 73.68 | 10.11 |
| 26 05 36 00-2198 | EA | 12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover | 84.86 | 12.54 |
| 26 05 36 00-2199 | EA | 18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover | 103.94 | 13.97 |
| 26 05 36 00-2200 | EA | 24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover | 122.02 | 19.47 |
| 26 05 36 00-2201 | EA | 30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover | 145.35 | 22.99 |
| 26 05 36 00-2202 | EA | 36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover | 170.19 | 26.39 |
| **26 05 36 00-2203** | | **12" Radius Horizontal Tees** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2204 | EA | 6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover | 75.88 | 11.44 |
| 26 05 36 00-2205 | EA | 9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover | 80.32 | 13.20 |
| 26 05 36 00-2206 | EA | 12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover | 91.31 | 15.51 |
| 26 05 36 00-2207 | EA | 18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover | 109.31 | 17.60 |
| 26 05 36 00-2208 | EA | 24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover | 134.55 | 20.35 |
| 26 05 36 00-2209 | EA | 30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover | 167.06 | 29.26 |
| 26 05 36 00-2210 | EA | 36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover | 200.77 | 35.09 |
| **26 05 36 00-2211** | | **24" Radius Horizontal Tees** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2212 | EA | 6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover | 109.50 | 11.99 |
| 26 05 36 00-2213 | EA | 9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover | 125.51 | 13.97 |
| 26 05 36 00-2214 | EA | 12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover | 132.95 | 16.50 |
| 26 05 36 00-2215 | EA | 18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover | 167.30 | 18.92 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2216 | EA | 24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover | 244.33 | 21.99 |
| 26 05 36 00-2217 | EA | 30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover | 291.57 | 33.00 |
| 26 05 36 00-2218 | EA | 36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover | 328.14 | 40.59 |
| **26 05 36 00-2219** | | **36" Radius Horizontal Tees** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2220 | EA | 6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover | 182.32 | 12.54 |
| 26 05 36 00-2221 | EA | 9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover | 189.03 | 14.63 |
| 26 05 36 00-2222 | EA | 12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover | 211.55 | 17.60 |
| 26 05 36 00-2223 | EA | 18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover | 248.08 | 20.35 |
| 26 05 36 00-2224 | EA | 24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover | 321.32 | 23.98 |
| 26 05 36 00-2225 | EA | 30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover | 368.26 | 37.84 |
| 26 05 36 00-2226 | EA | 36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover | 426.55 | 47.85 |
| **26 05 36 00-2227** | | **12" Radius Horizontal Crosses** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2228 | EA | 6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover | 110.55 | 15.51 |
| 26 05 36 00-2229 | EA | 9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover | 117.00 | 16.50 |
| 26 05 36 00-2230 | EA | 12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover | 129.29 | 17.60 |
| 26 05 36 00-2231 | EA | 18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover | 152.13 | 20.35 |
| 26 05 36 00-2232 | EA | 24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover | 192.60 | 29.26 |
| 26 05 36 00-2233 | EA | 30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover | 223.08 | 35.09 |
| 26 05 36 00-2234 | EA | 36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover | 254.59 | 37.73 |
| **26 05 36 00-2235** | | **24" Radius Horizontal Crosses** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2236 | EA | 6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover | 188.95 | 16.50 |
| 26 05 36 00-2237 | EA | 9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover | 205.17 | 17.60 |
| 26 05 36 00-2238 | EA | 12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover | 220.04 | 18.92 |
| 26 05 36 00-2239 | EA | 18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover | 261.91 | 21.99 |
| 26 05 36 00-2240 | EA | 24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover | 329.88 | 33.00 |
| 26 05 36 00-2241 | EA | 30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover | 377.60 | 40.59 |
| 26 05 36 00-2242 | EA | 36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover | 421.57 | 43.89 |
| **26 05 36 00-2243** | | **36" Radius Horizontal Crosses** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2244 | EA | 6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover | 299.45 | 17.60 |
| 26 05 36 00-2245 | EA | 9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover | 311.14 | 18.92 |
| 26 05 36 00-2246 | EA | 12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover | 327.99 | 20.35 |
| 26 05 36 00-2247 | EA | 18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover | 378.85 | 23.98 |
| 26 05 36 00-2248 | EA | 24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover | 494.47 | 37.73 |
| 26 05 36 00-2249 | EA | 30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover | 543.57 | 48.07 |
| 26 05 36 00-2250 | EA | 36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover | 583.42 | 52.80 |
| **26 05 36 00-2251** | | **Reducers** *(26 05 36 00-2122)* | | |
| 26 05 36 00-2252 | EA | 9"-6" Reducer, Steel Cable Tray Covers | 49.71 | 8.25 |
| 26 05 36 00-2253 | EA | 12"-6" Reducer, Steel Cable Tray Covers | 53.84 | 9.79 |
| 26 05 36 00-2254 | EA | 12"-9" Reducer, Steel Cable Tray Covers | 53.84 | 9.79 |
| 26 05 36 00-2255 | EA | 18"-6" Reducer, Steel Cable Tray Covers | 59.95 | 11.99 |
| 26 05 36 00-2256 | EA | 18"-12" Reducer, Steel Cable Tray Covers | 59.95 | 11.99 |
| 26 05 36 00-2257 | EA | 24"-12" Reducer, Steel Cable Tray Covers | 73.13 | 13.20 |
| 26 05 36 00-2258 | EA | 24"-18" Reducer, Steel Cable Tray Covers | 77.93 | 13.20 |
| 26 05 36 00-2259 | EA | 30"-12" Reducer, Steel Cable Tray Covers | 76.30 | 15.07 |
| 26 05 36 00-2260 | EA | 30"-18" Reducer, Steel Cable Tray Covers | 81.10 | 15.07 |
| 26 05 36 00-2261 | EA | 30"-24" Reducer, Steel Cable Tray Covers | 84.29 | 15.07 |
| 26 05 36 00-2262 | EA | 36"-12" Reducer, Steel Cable Tray Covers | 88.17 | 16.50 |
| 26 05 36 00-2263 | EA | 36"-18" Reducer, Steel Cable Tray Covers | 89.77 | 16.50 |
| 26 05 36 00-2264 | EA | 36"-24" Reducer, Steel Cable Tray Covers | 91.37 | 16.50 |
| 26 05 36 00-2265 | EA | 36"-30" Reducer, Steel Cable Tray Covers | 92.17 | 16.50 |
| **26 05 36 00-2266** | | **Aluminum Covers** *(26 05 36 00-2121)* | | |
| **26 05 36 00-2267** | | **Ventilated Straight Sections** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2268 | LF | 6" Aluminum Cable Tray Cover, Straight Section | 11.37 | 1.98 |
| 26 05 36 00-2269 | LF | 9" Aluminum Cable Tray Cover, Straight Section | 13.57 | 2.31 |
| 26 05 36 00-2270 | LF | 12" Aluminum Cable Tray Cover, Straight Section | 15.95 | 2.64 |
| 26 05 36 00-2271 | LF | 18" Aluminum Cable Tray Cover, Straight Section | 21.23 | 3.52 |
| 26 05 36 00-2272 | LF | 24" Aluminum Cable Tray Cover, Straight Section | 27.25 | 4.73 |
| 26 05 36 00-2273 | LF | 30" Aluminum Cable Tray Cover, Straight Section | 30.90 | 5.83 |
| 26 05 36 00-2274 | LF | 36" Aluminum Cable Tray Cover, Straight Section | 132.68 | 66.10 |
| **26 05 36 00-2275** | | **90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2276 | EA | 6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 64.16 | 7.04 |
| 26 05 36 00-2277 | EA | 9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 68.41 | 8.25 |
| 26 05 36 00-2278 | EA | 12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 75.45 | 9.79 |
| 26 05 36 00-2279 | EA | 18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 98.31 | 12.54 |
| 26 05 36 00-2280 | EA | 24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 124.57 | 15.95 |
| 26 05 36 00-2281 | EA | 30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 146.71 | 17.71 |
| 26 05 36 00-2282 | EA | 36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 178.72 | 21.12 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 36 00-2283** | | **90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2284 | EA | 6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 84.71 | 7.81 |
| 26 05 36 00-2285 | EA | 9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 104.00 | 9.13 |
| 26 05 36 00-2286 | EA | 12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 116.31 | 11.00 |
| 26 05 36 00-2287 | EA | 18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 139.36 | 13.97 |
| 26 05 36 00-2288 | EA | 24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 172.85 | 17.60 |
| 26 05 36 00-2289 | EA | 30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 209.18 | 20.24 |
| 26 05 36 00-2290 | EA | 36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 256.39 | 23.98 |
| **26 05 36 00-2291** | | **90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2292 | EA | 6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 137.58 | 8.80 |
| 26 05 36 00-2293 | EA | 9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 151.31 | 10.11 |
| 26 05 36 00-2294 | EA | 12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 173.52 | 12.54 |
| 26 05 36 00-2295 | EA | 18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 206.63 | 14.63 |
| 26 05 36 00-2296 | EA | 24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 254.75 | 20.35 |
| 26 05 36 00-2297 | EA | 30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 293.34 | 22.99 |
| 26 05 36 00-2298 | EA | 36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 342.27 | 26.39 |
| **26 05 36 00-2299** | | **45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2300 | EA | 6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 50.51 | 7.04 |
| | | *For 60 Degree Bend, Deduct* | *-13.96* | |
| | | *For 30 Degree Bend, Deduct* | *-23.65* | |
| 26 05 36 00-2301 | EA | 9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 53.60 | 8.25 |
| | | *For 60 Degree Bend, Deduct* | *-14.53* | |
| | | *For 30 Degree Bend, Deduct* | *-24.67* | |
| 26 05 36 00-2302 | EA | 12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 60.88 | 9.79 |
| | | *For 60 Degree Bend, Deduct* | *-16.36* | |
| | | *For 30 Degree Bend, Deduct* | *-27.80* | |
| 26 05 36 00-2303 | EA | 18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 71.22 | 11.99 |
| | | *For 60 Degree Bend, Deduct* | *-18.91* | |
| | | *For 30 Degree Bend, Deduct* | *-32.18* | |
| 26 05 36 00-2304 | EA | 24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 80.13 | 13.86 |
| | | *For 60 Degree Bend, Deduct* | *-21.11* | |
| | | *For 30 Degree Bend, Deduct* | *-35.96* | |
| 26 05 36 00-2305 | EA | 30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 98.41 | 15.95 |
| | | *For 60 Degree Bend, Deduct* | *-26.34* | |
| | | *For 30 Degree Bend, Deduct* | *-44.79* | |
| 26 05 36 00-2306 | EA | 36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover | 115.88 | 17.60 |
| | | *For 60 Degree Bend, Deduct* | *-31.49* | |
| | | *For 30 Degree Bend, Deduct* | *-53.47* | |
| **26 05 36 00-2307** | | **45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2308 | EA | 6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 57.96 | 7.81 |
| | | *For 60 Degree Bend, Deduct* | *-16.14* | |
| | | *For 30 Degree Bend, Deduct* | *-27.34* | |
| 26 05 36 00-2309 | EA | 9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 72.12 | 9.13 |
| | | *For 60 Degree Bend, Deduct* | *-20.31* | |
| | | *For 30 Degree Bend, Deduct* | *-34.35* | |
| 26 05 36 00-2310 | EA | 12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 77.59 | 11.00 |
| | | *For 60 Degree Bend, Deduct* | *-21.38* | |
| | | *For 30 Degree Bend, Deduct* | *-36.24* | |
| 26 05 36 00-2311 | EA | 18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 93.77 | 13.20 |
| | | *For 60 Degree Bend, Deduct* | *-25.88* | |
| | | *For 30 Degree Bend, Deduct* | *-43.86* | |
| 26 05 36 00-2312 | EA | 24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 114.01 | 15.07 |
| | | *For 60 Degree Bend, Deduct* | *-31.83* | |
| | | *For 30 Degree Bend, Deduct* | *-53.89* | |
| 26 05 36 00-2313 | EA | 30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 131.88 | 17.60 |
| | | *For 60 Degree Bend, Deduct* | *-36.76* | |
| | | *For 30 Degree Bend, Deduct* | *-62.24* | |
| 26 05 36 00-2314 | EA | 36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover | 152.30 | 20.35 |
| | | *For 60 Degree Bend, Deduct* | *-42.47* | |
| | | *For 30 Degree Bend, Deduct* | *-71.91* | |
| **26 05 36 00-2315** | | **45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2316 | EA | 6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 92.06 | 8.80 |
| | | *For 60 Degree Bend, Deduct* | *-27.01* | |
| | | *For 30 Degree Bend, Deduct* | *-45.51* | |
| 26 05 36 00-2317 | EA | 9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 101.20 | 10.11 |
| | | *For 60 Degree Bend, Deduct* | *-29.50* | |
| | | *For 30 Degree Bend, Deduct* | *-49.73* | |
| 26 05 36 00-2318 | EA | 12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 109.69 | 12.54 |
| | | *For 60 Degree Bend, Deduct* | *-31.40* | |
| | | *For 30 Degree Bend, Deduct* | *-53.03* | |
| 26 05 36 00-2319 | EA | 18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 130.28 | 13.97 |
| | | *For 60 Degree Bend, Deduct* | *-37.65* | |
| | | *For 30 Degree Bend, Deduct* | *-63.52* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2320 | EA | 24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 158.22 | 17.05 |
| | | *For 60 Degree Bend, Deduct* | *-45.68* | |
| | | *For 30 Degree Bend, Deduct* | *-77.08* | |
| 26 05 36 00-2321 | EA | 30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 181.90 | 20.35 |
| | | *For 60 Degree Bend, Deduct* | *-52.24* | |
| | | *For 30 Degree Bend, Deduct* | *-88.19* | |
| 26 05 36 00-2322 | EA | 36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover | 205.22 | 21.99 |
| | | *For 60 Degree Bend, Deduct* | *-59.28* | |
| | | *For 30 Degree Bend, Deduct* | *-100.03* | |
| **26 05 36 00-2323** | | **90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2324 | EA | 6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover | 56.39 | 7.04 |
| 26 05 36 00-2325 | EA | 9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover | 58.73 | 8.25 |
| 26 05 36 00-2326 | EA | 12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover | 65.20 | 9.79 |
| 26 05 36 00-2327 | EA | 18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover | 76.95 | 11.99 |
| 26 05 36 00-2328 | EA | 24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover | 85.08 | 15.51 |
| 26 05 36 00-2329 | EA | 30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover | 89.77 | 17.71 |
| 26 05 36 00-2330 | EA | 36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover | 108.04 | 21.12 |
| **26 05 36 00-2331** | | **90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2332 | EA | 6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover | 64.21 | 7.81 |
| 26 05 36 00-2333 | EA | 9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover | 70.98 | 9.13 |
| 26 05 36 00-2334 | EA | 12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover | 78.73 | 11.00 |
| 26 05 36 00-2335 | EA | 18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover | 94.87 | 13.20 |
| 26 05 36 00-2336 | EA | 24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover | 108.09 | 17.05 |
| 26 05 36 00-2337 | EA | 30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover | 136.32 | 20.35 |
| 26 05 36 00-2338 | EA | 36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover | 151.63 | 23.98 |
| **26 05 36 00-2339** | | **90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2340 | EA | 6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover | 73.81 | 8.80 |
| 26 05 36 00-2341 | EA | 9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover | 89.82 | 10.11 |
| 26 05 36 00-2342 | EA | 12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover | 105.19 | 12.54 |
| 26 05 36 00-2343 | EA | 18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover | 125.71 | 13.97 |
| 26 05 36 00-2344 | EA | 24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover | 153.22 | 19.47 |
| 26 05 36 00-2345 | EA | 30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover | 190.86 | 22.99 |
| 26 05 36 00-2346 | EA | 36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover | 207.90 | 26.39 |
| **26 05 36 00-2347** | | **12" Radius Horizontal Tees** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2348 | EA | 6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover | 92.02 | 11.44 |
| 26 05 36 00-2349 | EA | 9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover | 99.42 | 13.20 |
| 26 05 36 00-2350 | EA | 12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover | 112.33 | 15.51 |
| 26 05 36 00-2351 | EA | 18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover | 131.88 | 17.60 |
| 26 05 36 00-2352 | EA | 24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover | 163.68 | 20.35 |
| 26 05 36 00-2353 | EA | 30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover | 201.39 | 29.26 |
| 26 05 36 00-2354 | EA | 36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover | 243.00 | 35.09 |
| **26 05 36 00-2355** | | **24" Radius Horizontal Tees** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2356 | EA | 6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover | 138.43 | 11.99 |
| 26 05 36 00-2357 | EA | 9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover | 155.32 | 13.97 |
| 26 05 36 00-2358 | EA | 12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover | 175.50 | 16.50 |
| 26 05 36 00-2359 | EA | 18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover | 204.54 | 18.92 |
| 26 05 36 00-2360 | EA | 24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover | 312.14 | 21.99 |
| 26 05 36 00-2361 | EA | 30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover | 360.21 | 33.00 |
| 26 05 36 00-2362 | EA | 36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover | 406.97 | 40.59 |
| **26 05 36 00-2363** | | **36" Radius Horizontal Tees** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2364 | EA | 6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover | 237.25 | 12.54 |
| 26 05 36 00-2365 | EA | 9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover | 245.33 | 14.63 |
| 26 05 36 00-2366 | EA | 12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover | 273.04 | 17.60 |
| 26 05 36 00-2367 | EA | 18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover | 309.50 | 20.35 |
| 26 05 36 00-2368 | EA | 24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover | 390.76 | 23.98 |
| 26 05 36 00-2369 | EA | 30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover | 457.00 | 37.84 |
| 26 05 36 00-2370 | EA | 36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover | 523.84 | 47.85 |
| **26 05 36 00-2371** | | **12" Radius Horizontal Crosses** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2372 | EA | 6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover | 137.44 | 15.51 |
| 26 05 36 00-2373 | EA | 9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover | 145.93 | 16.50 |
| 26 05 36 00-2374 | EA | 12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover | 161.49 | 17.60 |
| 26 05 36 00-2375 | EA | 18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover | 193.29 | 20.35 |
| 26 05 36 00-2376 | EA | 24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover | 233.23 | 29.26 |
| 26 05 36 00-2377 | EA | 30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover | 277.10 | 35.09 |
| 26 05 36 00-2378 | EA | 36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover | 315.60 | 37.73 |
| **26 05 36 00-2379** | | **24" Radius Horizontal Crosses** *(26 05 36 00-2266)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2380 | EA | 6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover | 246.16 | 16.50 |
| 26 05 36 00-2381 | EA | 9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover | 263.94 | 17.60 |
| 26 05 36 00-2382 | EA | 12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover | 284.25 | 18.92 |
| 26 05 36 00-2383 | EA | 18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover | 330.36 | 21.99 |
| 26 05 36 00-2384 | EA | 24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover | 405.71 | 33.00 |
| 26 05 36 00-2385 | EA | 30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover | 477.49 | 40.59 |
| 26 05 36 00-2386 | EA | 36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover | 517.26 | 43.89 |
| **26 05 36 00-2387** | | **36" Radius Horizontal Crosses** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2388 | EA | 6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover | 380.08 | 17.60 |
| 26 05 36 00-2389 | EA | 9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover | 398.12 | 18.92 |
| 26 05 36 00-2390 | EA | 12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover | 427.92 | 20.35 |
| 26 05 36 00-2391 | EA | 18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover | 472.75 | 23.98 |
| 26 05 36 00-2392 | EA | 24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover | 598.15 | 37.73 |
| 26 05 36 00-2393 | EA | 30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover | 695.00 | 48.07 |
| 26 05 36 00-2394 | EA | 36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover | 759.82 | 52.80 |
| **26 05 36 00-2395** | | **Reducers** *(26 05 36 00-2266)* | | |
| 26 05 36 00-2396 | EA | 9"-6" Reducer, Aluminum Cable Tray Covers | 69.55 | 8.25 |
| 26 05 36 00-2397 | EA | 12"-6" Reducer, Aluminum Cable Tray Covers | 74.35 | 9.79 |
| 26 05 36 00-2398 | EA | 12"-9" Reducer, Aluminum Cable Tray Covers | 74.35 | 9.79 |
| 26 05 36 00-2399 | EA | 18"-6" Reducer, Aluminum Cable Tray Covers | 83.77 | 11.99 |
| 26 05 36 00-2400 | EA | 18"-12" Reducer, Aluminum Cable Tray Covers | 83.76 | 11.99 |
| 26 05 36 00-2401 | EA | 24"-12" Reducer, Aluminum Cable Tray Covers | 92.60 | 13.20 |
| 26 05 36 00-2402 | EA | 24"-18" Reducer, Aluminum Cable Tray Covers | 101.67 | 13.20 |
| 26 05 36 00-2403 | EA | 30"-12" Reducer, Aluminum Cable Tray Covers | 107.15 | 15.07 |
| 26 05 36 00-2404 | EA | 30"-18" Reducer, Aluminum Cable Tray Covers | 110.54 | 15.07 |
| 26 05 36 00-2405 | EA | 30"-24" Reducer, Aluminum Cable Tray Covers | 112.87 | 15.07 |
| 26 05 36 00-2406 | EA | 36"-12" Reducer, Aluminum Cable Tray Covers | 118.54 | 16.50 |
| 26 05 36 00-2407 | EA | 36"-18" Reducer, Aluminum Cable Tray Covers | 120.81 | 16.50 |
| 26 05 36 00-2408 | EA | 36"-24" Reducer, Aluminum Cable Tray Covers | 121.95 | 16.50 |
| 26 05 36 00-2409 | EA | 36"-30" Reducer, Aluminum Cable Tray Covers | 123.09 | 16.50 |
| **26 05 36 00-2410** | | **Galvanized Steel Dividers** *(26 05 36 00-2121)* | | |
| **26 05 36 00-2411** | | **Straight Dividers** *(26 05 36 00-2410)* | | |
| 26 05 36 00-2412 | LF | 3" Deep Galvanized Steel Divider Strip, Straight | 8.80 | 2.64 |
| 26 05 36 00-2413 | LF | 4" Deep Galvanized Steel Divider Strip, Straight | 10.28 | 2.86 |
| 26 05 36 00-2414 | LF | 6" Deep Galvanized Steel Divider Strip, Straight | 12.61 | 3.30 |
| **26 05 36 00-2415** | | **3" Deep Vertical Dividers** *(26 05 36 00-2410)* | | |
| 26 05 36 00-2416 | EA | Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray | 53.04 | 18.92 |
| 26 05 36 00-2417 | EA | Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray | 59.65 | 19.58 |
| 26 05 36 00-2418 | EA | Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray | 62.64 | 20.35 |
| 26 05 36 00-2419 | EA | Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray | 71.16 | 21.12 |
| 26 05 36 00-2420 | EA | Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray | 67.96 | 21.12 |
| 26 05 36 00-2421 | EA | Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray | 73.39 | 21.99 |
| 26 05 36 00-2422 | EA | Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray | 84.62 | 22.99 |
| 26 05 36 00-2423 | EA | Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray | 103.17 | 23.98 |
| 26 05 36 00-2424 | EA | Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable | 83.99 | 23.98 |
| 26 05 36 00-2425 | EA | Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray | 93.04 | 25.19 |
| 26 05 36 00-2426 | EA | Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray | 103.93 | 26.39 |
| 26 05 36 00-2427 | EA | Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray | 129.41 | 27.83 |
| **26 05 36 00-2428** | | **4" Deep Vertical Dividers** *(26 05 36 00-2410)* | | |
| 26 05 36 00-2429 | EA | Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray | 60.05 | 19.58 |
| 26 05 36 00-2430 | EA | Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray | 65.83 | 20.35 |
| 26 05 36 00-2431 | EA | Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray | 71.16 | 21.12 |
| 26 05 36 00-2432 | EA | Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray | 80.58 | 21.99 |
| 26 05 36 00-2433 | EA | Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray | 80.58 | 21.99 |
| 26 05 36 00-2434 | EA | Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray | 93.41 | 22.99 |
| 26 05 36 00-2435 | EA | Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray | 102.37 | 23.98 |
| 26 05 36 00-2436 | EA | Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray | 125.00 | 25.19 |
| 26 05 36 00-2437 | EA | Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray | 89.41 | 22.99 |
| 26 05 36 00-2438 | EA | Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray | 98.37 | 23.98 |
| 26 05 36 00-2439 | EA | Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray | 115.42 | 25.19 |
| 26 05 36 00-2440 | EA | Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray | 143.89 | 26.39 |
| **26 05 36 00-2441** | | **6" Deep Vertical Dividers** *(26 05 36 00-2410)* | | |
| 26 05 36 00-2442 | EA | Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray | 66.60 | 21.99 |
| 26 05 36 00-2443 | EA | Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray | 71.83 | 22.99 |
| 26 05 36 00-2444 | EA | Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray | 78.40 | 23.98 |
| 26 05 36 00-2445 | EA | Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray | 89.85 | 25.19 |
| 26 05 36 00-2446 | EA | Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray | 82.22 | 22.99 |
| 26 05 36 00-2447 | EA | Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray | 95.18 | 23.98 |
| 26 05 36 00-2448 | EA | Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray | 105.03 | 25.19 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2449 | EA | Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray | 127.10 | 26.39 |
| 26 05 36 00-2450 | EA | Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray | 91.18 | 23.98 |
| 26 05 36 00-2451 | EA | Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray | 105.03 | 25.19 |
| 26 05 36 00-2452 | EA | Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray | 127.10 | 26.39 |
| 26 05 36 00-2453 | EA | Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray | 153.39 | 27.83 |
| 26 05 36 00-2454 | | Horizontal Dividers *(26 05 36 00-2410)* | | |
| 26 05 36 00-2455 | EA | 3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray | 57.37 | 15.95 |
| 26 05 36 00-2456 | EA | 4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray | 63.73 | 17.60 |
| 26 05 36 00-2457 | EA | 6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray | 76.51 | 19.58 |
| 26 05 36 00-2458 | | Aluminum Dividers *(26 05 36 00-2121)* | | |
| 26 05 36 00-2459 | | Straight Dividers *(26 05 36 00-2458)* | | |
| 26 05 36 00-2460 | LF | 3" Deep Aluminum Divider Strip, Straight | 10.44 | 2.53 |
| 26 05 36 00-2461 | LF | 4" Deep Aluminum Divider Strip, Straight | 12.36 | 2.75 |
| 26 05 36 00-2462 | LF | 6" Deep Aluminum Divider Strip, Straight | 15.30 | 3.08 |
| 26 05 36 00-2463 | | 3" Deep Vertical Dividers *(26 05 36 00-2458)* | | |
| 26 05 36 00-2464 | EA | Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray | 55.30 | 18.25 |
| 26 05 36 00-2465 | EA | Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray | 60.88 | 18.92 |
| 26 05 36 00-2466 | EA | Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray | 66.99 | 19.58 |
| 26 05 36 00-2467 | EA | Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray | 77.45 | 20.35 |
| 26 05 36 00-2468 | EA | Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray | 75.27 | 20.35 |
| 26 05 36 00-2469 | EA | Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray | 83.14 | 21.12 |
| 26 05 36 00-2470 | EA | Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray | 96.55 | 21.99 |
| 26 05 36 00-2471 | EA | Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray | 119.98 | 22.99 |
| 26 05 36 00-2472 | EA | Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray | 101.46 | 22.99 |
| 26 05 36 00-2473 | EA | Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray | 121.75 | 23.98 |
| 26 05 36 00-2474 | EA | Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray | 147.58 | 25.19 |
| 26 05 36 00-2475 | EA | Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray | 182.36 | 26.39 |
| 26 05 36 00-2476 | | 4" Deep Vertical Dividers *(26 05 36 00-2458)* | | |
| 26 05 36 00-2477 | EA | Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray | 66.65 | 18.92 |
| 26 05 36 00-2478 | EA | Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray | 73.42 | 19.58 |
| 26 05 36 00-2479 | EA | Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray | 80.72 | 20.35 |
| 26 05 36 00-2480 | EA | Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray | 90.76 | 21.12 |
| 26 05 36 00-2481 | EA | Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray | 89.67 | 21.12 |
| 26 05 36 00-2482 | EA | Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray | 104.18 | 21.99 |
| 26 05 36 00-2483 | EA | Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray | 117.80 | 22.99 |
| 26 05 36 00-2484 | EA | Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray | 148.99 | 23.98 |
| 26 05 36 00-2485 | EA | Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray | 121.61 | 21.99 |
| 26 05 36 00-2486 | EA | Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray | 147.22 | 22.99 |
| 26 05 36 00-2487 | EA | Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray | 172.96 | 23.98 |
| 26 05 36 00-2488 | EA | Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray | 209.68 | 25.19 |
| 26 05 36 00-2489 | | 6" Deep Vertical Dividers *(26 05 36 00-2458)* | | |
| 26 05 36 00-2490 | EA | Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray | 73.77 | 21.12 |
| 26 05 36 00-2491 | EA | Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray | 82.39 | 21.99 |
| 26 05 36 00-2492 | EA | Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray | 86.21 | 22.99 |
| 26 05 36 00-2493 | EA | Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray | 96.69 | 23.98 |
| 26 05 36 00-2494 | EA | Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray | 93.28 | 21.99 |
| 26 05 36 00-2495 | EA | Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray | 115.62 | 22.99 |
| 26 05 36 00-2496 | EA | Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray | 125.02 | 23.98 |
| 26 05 36 00-2497 | EA | Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray | 157.39 | 25.19 |
| 26 05 36 00-2498 | EA | Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray | 124.34 | 22.99 |
| 26 05 36 00-2499 | EA | Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray | 155.53 | 23.98 |
| 26 05 36 00-2500 | EA | Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray | 178.09 | 25.19 |
| 26 05 36 00-2501 | EA | Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray | 207.42 | 26.39 |
| 26 05 36 00-2502 | | Horizontal Dividers *(26 05 36 00-2458)* | | |
| 26 05 36 00-2503 | EA | 3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray | 64.85 | 15.07 |
| 26 05 36 00-2504 | EA | 4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray | 71.08 | 16.50 |
| 26 05 36 00-2505 | EA | 6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray | 88.09 | 18.25 |
| 26 05 36 00-2506 | | Wall Brackets *(26 05 36 00-0001)* | | |
| 26 05 36 00-2507 | | Wall Brackets *(26 05 36 00-2506)* | | |
| 26 05 36 00-2508 | EA | 6" Wide Tray Wall Bracket | 80.71 | 21.99 |
| 26 05 36 00-2509 | EA | 9" Wide Tray Wall Bracket | 83.61 | 22.99 |
| 26 05 36 00-2510 | EA | 12" Wide Tray Wall Bracket | 91.67 | 23.98 |
| 26 05 36 00-2511 | EA | 18" Wide Tray Wall Bracket | 97.31 | 25.19 |
| 26 05 36 00-2512 | EA | 24" Wide Tray Wall Bracket | 105.71 | 26.39 |
| 26 05 36 00-2513 | EA | 30" Wide Tray Wall Bracket | 125.64 | 27.83 |
| 26 05 36 00-2514 | EA | 36" Wide Tray Wall Bracket | 150.24 | 29.70 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2515 | | Fiberglass Cable Tray *(26 05 36 00-0001)* | | |
| 26 05 36 00-2516 | | Ladder Bottom Fiberglass Cable Tray *(26 05 36 00-2515)*<br>Note: Excludes hangers and support system. | | |
| 26 05 36 00-2517 | | Straight Tray Sections *(26 05 36 00-2516)* | | |
| 26 05 36 00-2518 | LF | 6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing | 10.63 | 2.97 |
| | | *For 9" Rung Spacing, Add* | *0.22* | |
| | | *For 6" Rung Spacing, Add* | *0.93* | |
| | | *For 4" Rung Spacing, Add* | *1.71* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.16* | |
| | | *For Solid Bottom, Add* | *2.53* | |
| | | *For Vented Trough Bottom, Add* | *3.04* | |
| 26 05 36 00-2519 | LF | 9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing | 11.93 | 3.63 |
| | | *For 9" Rung Spacing, Add* | *0.23* | |
| | | *For 6" Rung Spacing, Add* | *0.96* | |
| | | *For 4" Rung Spacing, Add* | *1.77* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.16* | |
| | | *For Solid Bottom, Add* | *2.75* | |
| | | *For Vented Trough Bottom, Add* | *3.26* | |
| 26 05 36 00-2520 | LF | 12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing | 13.21 | 4.40 |
| | | *For 9" Rung Spacing, Add* | *0.23* | |
| | | *For 6" Rung Spacing, Add* | *0.99* | |
| | | *For 4" Rung Spacing, Add* | *1.82* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.17* | |
| | | *For Solid Bottom, Add* | *2.97* | |
| | | *For Vented Trough Bottom, Add* | *3.47* | |
| 26 05 36 00-2521 | LF | 18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing | 15.91 | 5.83 |
| | | *For 9" Rung Spacing, Add* | *0.25* | |
| | | *For 6" Rung Spacing, Add* | *1.07* | |
| | | *For 4" Rung Spacing, Add* | *1.96* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.18* | |
| | | *For Solid Bottom, Add* | *3.45* | |
| | | *For Vented Trough Bottom, Add* | *3.94* | |
| 26 05 36 00-2522 | LF | 24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing | 18.59 | 7.37 |
| | | *For 9" Rung Spacing, Add* | *0.27* | |
| | | *For 6" Rung Spacing, Add* | *1.14* | |
| | | *For 4" Rung Spacing, Add* | *2.09* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.19* | |
| | | *For Solid Bottom, Add* | *3.93* | |
| | | *For Vented Trough Bottom, Add* | *4.41* | |
| 26 05 36 00-2523 | LF | 30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing | 20.33 | 8.03 |
| | | *For 9" Rung Spacing, Add* | *0.29* | |
| | | *For 6" Rung Spacing, Add* | *1.23* | |
| | | *For 4" Rung Spacing, Add* | *2.26* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.21* | |
| | | *For Solid Bottom, Add* | *4.28* | |
| | | *For Vented Trough Bottom, Add* | *4.80* | |
| 26 05 36 00-2524 | LF | 36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing | 22.10 | 8.80 |
| | | *For 9" Rung Spacing, Add* | *0.31* | |
| | | *For 6" Rung Spacing, Add* | *1.34* | |
| | | *For 4" Rung Spacing, Add* | *2.45* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.22* | |
| | | *For Solid Bottom, Add* | *4.65* | |
| | | *For Vented Trough Bottom, Add* | *5.21* | |
| 26 05 36 00-2525 | | 90 Degree Horizontal Elbows *(26 05 36 00-2516)* | | |
| 26 05 36 00-2526 | EA | 6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray | 58.19 | 21.99 |
| | | *For 9" Rung Spacing, Add* | *0.88* | |
| | | *For 6" Rung Spacing, Add* | *3.78* | |
| | | *For 4" Rung Spacing, Add* | *6.93* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.63* | |
| | | *For Solid Bottom, Add* | *12.51* | |
| | | *For Vented Trough Bottom, Add* | *14.20* | |
| | | *For 60 Degree Bend, Deduct* | *-11.61* | |
| | | *For 45 Degree Bend, Deduct* | *-16.03* | |
| | | *For 30 Degree Bend, Deduct* | *-20.45* | |
| 26 05 36 00-2527 | EA | 9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray | 65.13 | 25.63 |
| | | *For 9" Rung Spacing, Add* | *0.93* | |
| | | *For 6" Rung Spacing, Add* | *4.00* | |
| | | *For 4" Rung Spacing, Add* | *7.33* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.67* | |
| | | *For Solid Bottom, Add* | *13.77* | |
| | | *For Vented Trough Bottom, Add* | *15.47* | |
| | | *For 60 Degree Bend, Deduct* | *-12.64* | |
| | | *For 45 Degree Bend, Deduct* | *-17.50* | |
| | | *For 30 Degree Bend, Deduct* | *-22.35* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2528 | EA | 12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray | 76.48 | 32.23 |
| | | *For 9" Rung Spacing, Add* | *0.98* | |
| | | *For 6" Rung Spacing, Add* | *4.21* | |
| | | *For 4" Rung Spacing, Add* | *7.72* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.70* | |
| | | *For Solid Bottom, Add* | *15.68* | |
| | | *For Vented Trough Bottom, Add* | *17.28* | |
| | | *For 60 Degree Bend, Deduct* | *-14.11* | |
| | | *For 45 Degree Bend, Deduct* | *-19.62* | |
| | | *For 30 Degree Bend, Deduct* | *-25.12* | |
| 26 05 36 00-2529 | EA | 18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray | 90.54 | 38.93 |
| | | *For 9" Rung Spacing, Add* | *1.13* | |
| | | *For 6" Rung Spacing, Add* | *4.84* | |
| | | *For 4" Rung Spacing, Add* | *8.87* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.81* | |
| | | *For Solid Bottom, Add* | *18.42* | |
| | | *For Vented Trough Bottom, Add* | *20.19* | |
| | | *For 60 Degree Bend, Deduct* | *-16.47* | |
| | | *For 45 Degree Bend, Deduct* | *-22.93* | |
| | | *For 30 Degree Bend, Deduct* | *-29.40* | |
| 26 05 36 00-2530 | EA | 24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray | 102.55 | 44.77 |
| | | *For 9" Rung Spacing, Add* | *1.24* | |
| | | *For 6" Rung Spacing, Add* | *5.32* | |
| | | *For 4" Rung Spacing, Add* | *9.75* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.89* | |
| | | *For Solid Bottom, Add* | *20.70* | |
| | | *For Vented Trough Bottom, Add* | *22.57* | |
| | | *For 60 Degree Bend, Deduct* | *-18.41* | |
| | | *For 45 Degree Bend, Deduct* | *-25.67* | |
| | | *For 30 Degree Bend, Deduct* | *-32.92* | |
| 26 05 36 00-2531 | EA | 30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray | 112.25 | 47.74 |
| | | *For 9" Rung Spacing, Add* | *1.43* | |
| | | *For 6" Rung Spacing, Add* | *6.11* | |
| | | *For 4" Rung Spacing, Add* | *11.21* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.02* | |
| | | *For Solid Bottom, Add* | *22.95* | |
| | | *For Vented Trough Bottom, Add* | *25.24* | |
| | | *For 60 Degree Bend, Deduct* | *-20.60* | |
| | | *For 45 Degree Bend, Deduct* | *-28.66* | |
| | | *For 30 Degree Bend, Deduct* | *-36.72* | |
| 26 05 36 00-2532 | EA | 36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray | 123.81 | 51.37 |
| | | *For 9" Rung Spacing, Add* | *1.64* | |
| | | *For 6" Rung Spacing, Add* | *7.02* | |
| | | *For 4" Rung Spacing, Add* | *12.87* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.17* | |
| | | *For Solid Bottom, Add* | *25.59* | |
| | | *For Vented Trough Bottom, Add* | *28.35* | |
| | | *For 60 Degree Bend, Deduct* | *-23.15* | |
| | | *For 45 Degree Bend, Deduct* | *-32.15* | |
| | | *For 30 Degree Bend, Deduct* | *-41.15* | |

## 26 05 36 00-2533 Inside Or Outside Vertical Risers *(26 05 36 00-2516)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2534 | EA | 6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray | 84.51 | 21.99 |
| | | *For 9" Rung Spacing, Add* | *1.80* | |
| | | *For 6" Rung Spacing, Add* | *7.73* | |
| | | *For 4" Rung Spacing, Add* | *14.17* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.29* | |
| | | *For Solid Bottom, Add* | *20.40* | |
| | | *For Vented Trough Bottom, Add* | *24.73* | |
| | | *For 60 Degree Bend, Deduct* | *-20.30* | |
| | | *For 45 Degree Bend, Deduct* | *-27.61* | |
| | | *For 30 Degree Bend, Deduct* | *-34.93* | |
| 26 05 36 00-2535 | EA | 9" Vertical Inside Or Outside Riser 90, Fiberglass | 90.73 | 25.63 |
| | | *For 9" Rung Spacing, Add* | *1.83* | |
| | | *For 6" Rung Spacing, Add* | *7.84* | |
| | | *For 4" Rung Spacing, Add* | *14.37* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.31* | |
| | | *For Solid Bottom, Add* | *21.45* | |
| | | *For Vented Trough Bottom, Add* | *25.71* | |
| | | *For 60 Degree Bend, Deduct* | *-21.09* | |
| | | *For 45 Degree Bend, Deduct* | *-28.76* | |
| | | *For 30 Degree Bend, Deduct* | *-36.43* | |
| 26 05 36 00-2536 | EA | 12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray | 101.35 | 32.23 |
| | | *For 9" Rung Spacing, Add* | *1.85* | |
| | | *For 6" Rung Spacing, Add* | *7.94* | |
| | | *For 4" Rung Spacing, Add* | *14.56* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.32* | |
| | | *For Solid Bottom, Add* | *23.15* | |
| | | *For Vented Trough Bottom, Add* | *27.23* | |
| | | *For 60 Degree Bend, Deduct* | *-22.31* | |
| | | *For 45 Degree Bend, Deduct* | *-30.56* | |
| | | *For 30 Degree Bend, Deduct* | *-38.80* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2537 | EA | 18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray | 112.85 | 38.93 |
| | | *For 9" Rung Spacing, Add* | *1.91* | |
| | | *For 6" Rung Spacing, Add* | *8.18* | |
| | | *For 4" Rung Spacing, Add* | *15.00* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.36* | |
| | | *For Solid Bottom, Add* | *25.11* | |
| | | *For Vented Trough Bottom, Add* | *29.11* | |
| | | *For 60 Degree Bend, Deduct* | *-23.83* | |
| | | *For 45 Degree Bend, Deduct* | *-32.75* | |
| | | *For 30 Degree Bend, Deduct* | *-41.67* | |
| 26 05 36 00-2538 | EA | 24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray | 123.09 | 44.77 |
| | | *For 9" Rung Spacing, Add* | *1.96* | |
| | | *For 6" Rung Spacing, Add* | *8.40* | |
| | | *For 4" Rung Spacing, Add* | *15.40* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.40* | |
| | | *For Solid Bottom, Add* | *26.86* | |
| | | *For Vented Trough Bottom, Add* | *30.79* | |
| | | *For 60 Degree Bend, Deduct* | *-25.19* | |
| | | *For 45 Degree Bend, Deduct* | *-34.70* | |
| | | *For 30 Degree Bend, Deduct* | *-44.22* | |
| 26 05 36 00-2539 | EA | 30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray | 128.93 | 47.74 |
| | | *For 9" Rung Spacing, Add* | *2.01* | |
| | | *For 6" Rung Spacing, Add* | *8.62* | |
| | | *For 4" Rung Spacing, Add* | *15.80* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.44* | |
| | | *For Solid Bottom, Add* | *27.96* | |
| | | *For Vented Trough Bottom, Add* | *31.91* | |
| | | *For 60 Degree Bend, Deduct* | *-26.10* | |
| | | *For 45 Degree Bend, Deduct* | *-36.00* | |
| | | *For 30 Degree Bend, Deduct* | *-45.89* | |
| 26 05 36 00-2540 | EA | 36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray | 140.46 | 51.37 |
| | | *For 9" Rung Spacing, Add* | *2.22* | |
| | | *For 6" Rung Spacing, Add* | *9.52* | |
| | | *For 4" Rung Spacing, Add* | *17.45* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.59* | |
| | | *For Solid Bottom, Add* | *30.59* | |
| | | *For Vented Trough Bottom, Add* | *35.01* | |
| | | *For 60 Degree Bend, Deduct* | *-28.64* | |
| | | *For 45 Degree Bend, Deduct* | *-39.47* | |
| | | *For 30 Degree Bend, Deduct* | *-50.30* | |

### 26 05 36 00-2541 Horizontal Tees *(26 05 36 00-2516)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2542 | EA | 6" Horizontal Tee, Fiberglass Cable Tray | 126.94 | 54.99 |
| | | *For 9" Rung Spacing, Add* | *1.56* | |
| | | *For 6" Rung Spacing, Add* | *6.67* | |
| | | *For 4" Rung Spacing, Add* | *12.22* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.11* | |
| | | *For Solid Bottom, Add* | *25.71* | |
| | | *For Vented Trough Bottom, Add* | *28.09* | |
| 26 05 36 00-2543 | EA | 9" Horizontal Tee, Fiberglass Cable Tray | 143.01 | 64.57 |
| | | *For 9" Rung Spacing, Add* | *1.62* | |
| | | *For 6" Rung Spacing, Add* | *6.93* | |
| | | *For 4" Rung Spacing, Add* | *12.71* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.16* | |
| | | *For Solid Bottom, Add* | *28.38* | |
| | | *For Vented Trough Bottom, Add* | *30.58* | |
| 26 05 36 00-2544 | EA | 12" Horizontal Tee, Fiberglass Cable Tray | 163.47 | 77.00 |
| | | *For 9" Rung Spacing, Add* | *1.68* | |
| | | *For 6" Rung Spacing, Add* | *7.20* | |
| | | *For 4" Rung Spacing, Add* | *13.19* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.20* | |
| | | *For Solid Bottom, Add* | *31.72* | |
| | | *For Vented Trough Bottom, Add* | *33.63* | |
| 26 05 36 00-2545 | EA | 18" Horizontal Tee, Fiberglass Cable Tray | 182.58 | 86.56 |
| | | *For 9" Rung Spacing, Add* | *1.85* | |
| | | *For 6" Rung Spacing, Add* | *7.92* | |
| | | *For 4" Rung Spacing, Add* | *14.52* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.32* | |
| | | *For Solid Bottom, Add* | *35.31* | |
| | | *For Vented Trough Bottom, Add* | *37.34* | |
| 26 05 36 00-2546 | EA | 24" Horizontal Tee, Fiberglass Cable Tray | 191.93 | 90.19 |
| | | *For 9" Rung Spacing, Add* | *1.98* | |
| | | *For 6" Rung Spacing, Add* | *8.50* | |
| | | *For 4" Rung Spacing, Add* | *15.58* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.42* | |
| | | *For Solid Bottom, Add* | *37.29* | |
| | | *For Vented Trough Bottom, Add* | *39.57* | |
| 26 05 36 00-2547 | EA | 30" Horizontal Tee, Fiberglass Cable Tray | 205.57 | 95.36 |
| | | *For 9" Rung Spacing, Add* | *2.19* | |
| | | *For 6" Rung Spacing, Add* | *9.39* | |
| | | *For 4" Rung Spacing, Add* | *17.21* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.56* | |
| | | *For Solid Bottom, Add* | *40.22* | |
| | | *For Vented Trough Bottom, Add* | *42.91* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2548 | EA | 36" Horizontal Tee, Fiberglass Cable Tray | 223.13 | 102.73 |
| | | *For 9" Rung Spacing, Add* | *2.42* | |
| | | *For 6" Rung Spacing, Add* | *10.37* | |
| | | *For 4" Rung Spacing, Add* | *19.01* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.73* | |
| | | *For Solid Bottom, Add* | *43.84* | |
| | | *For Vented Trough Bottom, Add* | *46.90* | |

## 26 05 36 00-2549 Horizontal Crosses *(26 05 36 00-2516)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2550 | EA | 6" Horizontal Cross, Fiberglass Cable Tray | 199.95 | 95.36 |
| | | *For 9" Rung Spacing, Add* | *1.99* | |
| | | *For 6" Rung Spacing, Add* | *8.54* | |
| | | *For 4" Rung Spacing, Add* | *15.66* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.42* | |
| | | *For Solid Bottom, Add* | *38.54* | |
| | | *For Vented Trough Bottom, Add* | *40.66* | |
| 26 05 36 00-2551 | EA | 9" Horizontal Cross, Fiberglass Cable Tray | 212.64 | 102.73 |
| | | *For 9" Rung Spacing, Add* | *2.05* | |
| | | *For 6" Rung Spacing, Add* | *8.80* | |
| | | *For 4" Rung Spacing, Add* | *16.13* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.47* | |
| | | *For Solid Bottom, Add* | *40.69* | |
| | | *For Vented Trough Bottom, Add* | *42.71* | |
| 26 05 36 00-2552 | EA | 12" Horizontal Cross, Fiberglass Cable Tray | 225.32 | 110.10 |
| | | *For 9" Rung Spacing, Add* | *2.11* | |
| | | *For 6" Rung Spacing, Add* | *9.05* | |
| | | *For 4" Rung Spacing, Add* | *16.59* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.51* | |
| | | *For Solid Bottom, Add* | *42.85* | |
| | | *For Vented Trough Bottom, Add* | *44.76* | |
| 26 05 36 00-2553 | EA | 18" Horizontal Cross, Fiberglass Cable Tray | 241.14 | 117.37 |
| | | *For 9" Rung Spacing, Add* | *2.28* | |
| | | *For 6" Rung Spacing, Add* | *9.77* | |
| | | *For 4" Rung Spacing, Add* | *17.92* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.63* | |
| | | *For Solid Bottom, Add* | *45.94* | |
| | | *For Vented Trough Bottom, Add* | *48.06* | |
| 26 05 36 00-2554 | EA | 24" Horizontal Cross, Fiberglass Cable Tray | 255.83 | 124.73 |
| | | *For 9" Rung Spacing, Add* | *2.41* | |
| | | *For 6" Rung Spacing, Add* | *10.33* | |
| | | *For 4" Rung Spacing, Add* | *18.93* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.72* | |
| | | *For Solid Bottom, Add* | *48.70* | |
| | | *For Vented Trough Bottom, Add* | *50.91* | |
| 26 05 36 00-2555 | EA | 30" Horizontal Cross, Fiberglass Cable Tray | 272.91 | 132.10 |
| | | *For 9" Rung Spacing, Add* | *2.62* | |
| | | *For 6" Rung Spacing, Add* | *11.24* | |
| | | *For 4" Rung Spacing, Add* | *20.61* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.87* | |
| | | *For Solid Bottom, Add* | *52.18* | |
| | | *For Vented Trough Bottom, Add* | *54.72* | |
| 26 05 36 00-2556 | EA | 36" Horizontal Cross, Fiberglass Cable Tray | 295.08 | 141.56 |
| | | *For 9" Rung Spacing, Add* | *2.90* | |
| | | *For 6" Rung Spacing, Add* | *12.42* | |
| | | *For 4" Rung Spacing, Add* | *22.76* | |
| | | *For 18" Rung Spacing, Deduct* | *-2.07* | |
| | | *For Solid Bottom, Add* | *56.68* | |
| | | *For Vented Trough Bottom, Add* | *59.65* | |

## 26 05 36 00-2557 Horizontal Wyes *(26 05 36 00-2516)*

| | | | | |
|---|---|---|---|---|
| 26 05 36 00-2558 | EA | 6" Horizontal Wye, Fiberglass Cable Tray | 122.44 | 54.99 |
| | | *For 9" Rung Spacing, Add* | *1.40* | |
| | | *For 6" Rung Spacing, Add* | *5.99* | |
| | | *For 4" Rung Spacing, Add* | *10.99* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.00* | |
| | | *For Solid Bottom, Add* | *24.36* | |
| | | *For Vented Trough Bottom, Add* | *26.29* | |
| 26 05 36 00-2559 | EA | 9" Horizontal Wye, Fiberglass Cable Tray | 129.57 | 58.73 |
| | | *For 9" Rung Spacing, Add* | *1.45* | |
| | | *For 6" Rung Spacing, Add* | *6.24* | |
| | | *For 4" Rung Spacing, Add* | *11.43* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.04* | |
| | | *For Solid Bottom, Add* | *25.67* | |
| | | *For Vented Trough Bottom, Add* | *27.63* | |
| 26 05 36 00-2560 | EA | 12" Horizontal Wye, Fiberglass Cable Tray | 158.65 | 77.00 |
| | | *For 9" Rung Spacing, Add* | *1.51* | |
| | | *For 6" Rung Spacing, Add* | *6.47* | |
| | | *For 4" Rung Spacing, Add* | *11.87* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.08* | |
| | | *For Solid Bottom, Add* | *30.27* | |
| | | *For Vented Trough Bottom, Add* | *31.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2561 | EA | 18" Horizontal Wye, Fiberglass Cable Tray | 177.30 | 86.56 |
| | | *For 9" Rung Spacing, Add* | *1.66* | |
| | | *For 6" Rung Spacing, Add* | *7.13* | |
| | | *For 4" Rung Spacing, Add* | *13.06* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.19* | |
| | | *For Solid Bottom, Add* | *33.72* | |
| | | *For Vented Trough Bottom, Add* | *35.23* | |
| 26 05 36 00-2562 | EA | 24" Horizontal Wye, Fiberglass Cable Tray | 186.15 | 90.19 |
| | | *For 9" Rung Spacing, Add* | *1.78* | |
| | | *For 6" Rung Spacing, Add* | *7.63* | |
| | | *For 4" Rung Spacing, Add* | *13.99* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.27* | |
| | | *For Solid Bottom, Add* | *35.55* | |
| | | *For Vented Trough Bottom, Add* | *37.26* | |
| 26 05 36 00-2563 | EA | 30" Horizontal Wye, Fiberglass Cable Tray | 199.31 | 95.36 |
| | | *For 9" Rung Spacing, Add* | *1.97* | |
| | | *For 6" Rung Spacing, Add* | *8.45* | |
| | | *For 4" Rung Spacing, Add* | *15.49* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.41* | |
| | | *For Solid Bottom, Add* | *38.34* | |
| | | *For Vented Trough Bottom, Add* | *40.40* | |
| 26 05 36 00-2564 | EA | 36" Horizontal Wye, Fiberglass Cable Tray | 216.22 | 102.73 |
| | | *For 9" Rung Spacing, Add* | *2.18* | |
| | | *For 6" Rung Spacing, Add* | *9.33* | |
| | | *For 4" Rung Spacing, Add* | *17.11* | |
| | | *For 18" Rung Spacing, Deduct* | *-1.56* | |
| | | *For Solid Bottom, Add* | *41.77* | |
| | | *For Vented Trough Bottom, Add* | *44.14* | |
| **26 05 36 00-2565** | | **Straight Reducers** *(26 05 36 00-2516)* | | |
| 26 05 36 00-2566 | EA | 9"-6" Reducer, Fiberglass Cable Tray | 55.62 | 21.99 |
| | | *For 9" Rung Spacing, Add* | *0.79* | |
| | | *For 6" Rung Spacing, Add* | *3.39* | |
| | | *For 4" Rung Spacing, Add* | *6.22* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.57* | |
| | | *For Solid Bottom, Add* | *11.74* | |
| | | *For Vented Trough Bottom, Add* | *13.17* | |
| 26 05 36 00-2567 | EA | 12"-9" Reducer, Fiberglass Cable Tray | 61.45 | 25.63 |
| | | *For 9" Rung Spacing, Add* | *0.80* | |
| | | *For 6" Rung Spacing, Add* | *3.44* | |
| | | *For 4" Rung Spacing, Add* | *6.31* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.57* | |
| | | *For Solid Bottom, Add* | *12.66* | |
| | | *For Vented Trough Bottom, Add* | *14.00* | |
| 26 05 36 00-2568 | EA | 18"-12" Reducer, Fiberglass Cable Tray | 67.27 | 29.37 |
| | | *For 9" Rung Spacing, Add* | *0.81* | |
| | | *For 6" Rung Spacing, Add* | *3.49* | |
| | | *For 4" Rung Spacing, Add* | *6.40* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.58* | |
| | | *For Solid Bottom, Add* | *13.58* | |
| | | *For Vented Trough Bottom, Add* | *14.81* | |
| 26 05 36 00-2569 | EA | 24"-18" Reducer, Fiberglass Cable Tray | 72.47 | 32.23 |
| | | *For 9" Rung Spacing, Add* | *0.84* | |
| | | *For 6" Rung Spacing, Add* | *3.61* | |
| | | *For 4" Rung Spacing, Add* | *6.62* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.60* | |
| | | *For Solid Bottom, Add* | *14.48* | |
| | | *For Vented Trough Bottom, Add* | *15.68* | |
| 26 05 36 00-2570 | EA | 30"-24" Reducer, Fiberglass Cable Tray | 80.88 | 35.20 |
| | | *For 9" Rung Spacing, Add* | *0.98* | |
| | | *For 6" Rung Spacing, Add* | *4.21* | |
| | | *For 4" Rung Spacing, Add* | *7.72* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.70* | |
| | | *For Solid Bottom, Add* | *16.34* | |
| | | *For Vented Trough Bottom, Add* | *17.83* | |
| 26 05 36 00-2571 | EA | 36"-30" Reducer, Fiberglass Cable Tray | 90.91 | 38.93 |
| | | *For 9" Rung Spacing, Add* | *1.14* | |
| | | *For 6" Rung Spacing, Add* | *4.89* | |
| | | *For 4" Rung Spacing, Add* | *8.97* | |
| | | *For 18" Rung Spacing, Deduct* | *-0.82* | |
| | | *For Solid Bottom, Add* | *18.53* | |
| | | *For Vented Trough Bottom, Add* | *20.33* | |
| **26 05 36 00-2572** | | **Vertical Tees** *(26 05 36 00-2516)* | | |
| 26 05 36 00-2573 | EA | 6" Vertical Tee, Fiberglass Cable Tray | 167.37 | 54.99 |
| | | *For 9" Rung Spacing, Add* | *2.97* | |
| | | *For 6" Rung Spacing, Add* | *12.73* | |
| | | *For 4" Rung Spacing, Add* | *23.34* | |
| | | *For 18" Rung Spacing, Deduct* | *-2.12* | |
| | | *For Solid Bottom, Add* | *37.84* | |
| | | *For Vented Trough Bottom, Add* | *44.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 36 00-2574 | EA | 9" Vertical Tee, Fiberglass Cable Tray | 173.92 | 58.73 |
| | | *For 9" Rung Spacing, Add* | *3.01* | |
| | | *For 6" Rung Spacing, Add* | *12.89* | |
| | | *For 4" Rung Spacing, Add* | *23.63* | |
| | | *For 18" Rung Spacing, Deduct* | *-2.15* | |
| | | *For Solid Bottom, Add* | *38.98* | |
| | | *For Vented Trough Bottom, Add* | *45.37* | |
| 26 05 36 00-2575 | EA | 12" Vertical Tee, Fiberglass Cable Tray | 202.46 | 77.00 |
| | | *For 9" Rung Spacing, Add* | *3.04* | |
| | | *For 6" Rung Spacing, Add* | *13.05* | |
| | | *For 4" Rung Spacing, Add* | *23.92* | |
| | | *For 18" Rung Spacing, Deduct* | *-2.17* | |
| | | *For Solid Bottom, Add* | *43.41* | |
| | | *For Vented Trough Bottom, Add* | *49.22* | |
| 26 05 36 00-2576 | EA | 18" Vertical Tee, Fiberglass Cable Tray | 219.17 | 86.56 |
| | | *For 9" Rung Spacing, Add* | *3.13* | |
| | | *For 6" Rung Spacing, Add* | *13.41* | |
| | | *For 4" Rung Spacing, Add* | *24.58* | |
| | | *For 18" Rung Spacing, Deduct* | *-2.23* | |
| | | *For Solid Bottom, Add* | *46.28* | |
| | | *For Vented Trough Bottom, Add* | *51.97* | |
| 26 05 36 00-2577 | EA | 24" Vertical Tee, Fiberglass Cable Tray | 226.91 | 90.19 |
| | | *For 9" Rung Spacing, Add* | *3.21* | |
| | | *For 6" Rung Spacing, Add* | *13.74* | |
| | | *For 4" Rung Spacing, Add* | *25.20* | |
| | | *For 18" Rung Spacing, Deduct* | *-2.29* | |
| | | *For Solid Bottom, Add* | *47.78* | |
| | | *For Vented Trough Bottom, Add* | *53.56* | |
| 26 05 36 00-2578 | EA | 30" Vertical Tee, Fiberglass Cable Tray | 236.70 | 95.36 |
| | | *For 9" Rung Spacing, Add* | *3.28* | |
| | | *For 6" Rung Spacing, Add* | *14.06* | |
| | | *For 4" Rung Spacing, Add* | *25.77* | |
| | | *For 18" Rung Spacing, Deduct* | *-2.34* | |
| | | *For Solid Bottom, Add* | *49.56* | |
| | | *For Vented Trough Bottom, Add* | *55.36* | |
| 26 05 36 00-2579 | EA | 36" Vertical Tee, Fiberglass Cable Tray | 257.53 | 102.73 |
| | | *For 9" Rung Spacing, Add* | *3.62* | |
| | | *For 6" Rung Spacing, Add* | *15.53* | |
| | | *For 4" Rung Spacing, Add* | *28.47* | |
| | | *For 18" Rung Spacing, Deduct* | *-2.59* | |
| | | *For Solid Bottom, Add* | *54.16* | |
| | | *For Vented Trough Bottom, Add* | *60.66* | |

## 26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

### 26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

### 26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

### 26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 05 39 00-0004 | EA | Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches | 90.95 | 19.36 |
| 26 05 39 00-0005 | EA | Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches | 114.25 | 22.66 |

### 26 05 39 00-0006 Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 05 39 00-0007 | EA | Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches | 150.39 | 24.53 |
| 26 05 39 00-0008 | EA | Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches | 172.11 | 27.17 |

### 26 05 39 00-0009 Junction Boxes *(26 05 39 00-0001)*

### 26 05 39 00-0010 One Level Junction Boxes *(26 05 39 00-0009)*

| | | | | |
|---|---|---|---|---|
| 26 05 39 00-0011 | EA | 1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box | 229.42 | 38.49 |
| 26 05 39 00-0012 | EA | 1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box | 259.36 | 41.25 |
| 26 05 39 00-0013 | EA | 1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box<br>Note: Isolate each duct and form a continuous raceway through the box in both directions. | 413.09 | 38.49 |
| 26 05 39 00-0014 | EA | 1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box | 283.32 | 41.25 |
| 26 05 39 00-0015 | EA | 1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box | 448.02 | 54.22 |
| 26 05 39 00-0016 | EA | 1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct | 626.06 | 58.95 |

### 26 05 39 00-0017 Two Level Junction Boxes *(26 05 39 00-0009)*

| | | | | |
|---|---|---|---|---|
| 26 05 39 00-0018 | EA | 2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level<br>Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway. | 946.31 | 38.93 |
| 26 05 39 00-0019 | EA | 2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts | 1,088.29 | 41.25 |

### 26 05 39 00-0020 Elbow Fittings *(26 05 39 00-0001)*

### 26 05 39 00-0021 90 Degree Horizontal Elbow *(26 05 39 00-0020)*

| | | | | |
|---|---|---|---|---|
| 26 05 39 00-0022 | EA | Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree | 111.36 | 14.18 |
| 26 05 39 00-0023 | EA | Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree | 114.65 | 14.18 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 39 00-0024** | | **90 Degree Vertical Elbow** *(26 05 39 00-0020)* | | |
| 26 05 39 00-0025 | EA | Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree | 63.44 | 14.18 |
| 26 05 39 00-0026 | EA | Underfloor Large Duct Vertical Elbow Fitting, 90 Degree | 64.76 | 14.18 |
| **26 05 39 00-0027** | | **Offset Elbow** *(26 05 39 00-0020)* Note: Two elbows required for crossover or crossunder. | | |
| 26 05 39 00-0028 | EA | Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under | 63.44 | 16.50 |
| 26 05 39 00-0029 | EA | Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under | 64.76 | 16.50 |
| **26 05 39 00-0030** | | **Couplings** *(26 05 39 00-0001)* | | |
| **26 05 39 00-0031** | | **Sleeve Couplings** *(26 05 39 00-0030)* | | |
| 26 05 39 00-0032 | EA | Underfloor Standard Duct Sleeve Coupling | 41.94 | 21.99 |
| 26 05 39 00-0033 | EA | Underfloor Large Duct Sleeve Coupling | 65.60 | 21.99 |
| **26 05 39 00-0034** | | **Expansion Couplings** *(26 05 39 00-0030)* | | |
| 26 05 39 00-0035 | EA | Underfloor Standard Duct Expansion Coupling | 91.43 | 21.99 |
| 26 05 39 00-0036 | EA | Underfloor Large Duct Expansion Coupling | 93.07 | 23.21 |
| **26 05 39 00-0037** | | **Reducing Couplings** *(26 05 39 00-0030)* | | |
| 26 05 39 00-0038 | EA | Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling | 85.01 | 3.30 |
| **26 05 39 00-0039** | | **Duct Supports** *(26 05 39 00-0001)* | | |
| **26 05 39 00-0040** | | **Combination Support And Coupling** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet. | | |
| 26 05 39 00-0041 | EA | 1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet | 96.38 | 46.19 |
| 26 05 39 00-0042 | EA | 2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet | 107.63 | 46.19 |
| 26 05 39 00-0043 | EA | 3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet | 118.96 | 46.19 |
| 26 05 39 00-0044 | EA | 1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet | 107.63 | 51.70 |
| 26 05 39 00-0045 | EA | 2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet | 130.55 | 51.70 |
| 26 05 39 00-0046 | EA | 1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet | 118.96 | 54.99 |
| 26 05 39 00-0047 | EA | 2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet | 118.96 | 54.99 |
| 26 05 39 00-0048 | EA | 1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet | 130.55 | 54.99 |
| **26 05 39 00-0049** | | **Duct Support Only** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet. | | |
| 26 05 39 00-0050 | EA | 1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet | 86.57 | 40.70 |
| 26 05 39 00-0051 | EA | 2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet | 101.78 | 40.70 |
| 26 05 39 00-0052 | EA | 3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet | 118.06 | 40.70 |
| **26 05 39 00-0053** | | **Underfloor Duct Accessories** *(26 05 39 00-0001)* | | |
| **26 05 39 00-0054** | | **Plugs For Unused Junction Box Openings And Duct Ends** *(26 05 39 00-0053)* | | |
| 26 05 39 00-0055 | EA | Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends | 26.48 | 3.30 |
| 26 05 39 00-0056 | EA | Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends | 27.05 | 3.30 |
| **26 05 39 00-0057** | | **Conduit Adapters** *(26 05 39 00-0053)* | | |
| 26 05 39 00-0058 | EA | One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter | 33.12 | 5.50 |
| 26 05 39 00-0059 | EA | Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter | 35.24 | 5.50 |
| 26 05 39 00-0060 | EA | One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter | 34.26 | 5.50 |
| 26 05 39 00-0061 | EA | Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter | 35.42 | 5.50 |
| **26 05 39 00-0062** | | **Holders And Caps** *(26 05 39 00-0053)* | | |
| 26 05 39 00-0063 | EA | Tile Holder, Underfloor Duct Accessories | 217.08 | 46.19 |
| 26 05 39 00-0064 | EA | Terrazzo Holder, Underfloor Duct Accessories | 406.89 | 46.19 |
| 26 05 39 00-0065 | EA | Closing Caps For Inserts, Underfloor Duct Accessories | 2.85 | 1.10 |
| **26 05 39 00-0066** | | **Underfloor Dust Pans** *(26 05 39 00-0001)* | | |
| 26 05 39 00-0067 | EA | Underfloor Dust Carpet Pan | 91.75 | 6.03 |

## 26 05 43 Underground Ducts and Raceways for Electrical Systems *(26 05)*

Note: Includes warning tape.

**26 05 43 00-0001 Duct Bank** *(26 05 43)*

Note: Installation of single or multiple configuration underground utility raceways to have 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations.

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 43 00-0002** | | **Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank** *(26 05 43 00-0001)* | | |
| | | Note: Includes appropriate spacers and fittings. | | |
| 26 05 43 00-0003 | LF | 2 At 2", Rigid Galvanized Conduit Duct Bank | 41.01 | |
| 26 05 43 00-0004 | LF | 4 At 2", Rigid Galvanized Conduit Duct Bank | 82.06 | |
| 26 05 43 00-0005 | LF | 2 At 3", Rigid Galvanized Conduit Duct Bank | 85.66 | |
| 26 05 43 00-0006 | LF | 4 At 3", Rigid Galvanized Conduit Duct Bank | 171.87 | |
| 26 05 43 00-0007 | LF | 2 At 4", Rigid Galvanized Conduit Duct Bank | 126.36 | |
| 26 05 43 00-0008 | LF | 4 At 4", Rigid Galvanized Conduit Duct Bank | 253.72 | |
| 26 05 43 00-0009 | LF | 6 At 4", Rigid Galvanized Conduit Duct Bank | 380.57 | |
| 26 05 43 00-0010 | LF | 2 At 5", Rigid Galvanized Conduit Duct Bank | 244.27 | |
| 26 05 43 00-0011 | LF | 4 At 5", Rigid Galvanized Conduit Duct Bank | 487.53 | |
| 26 05 43 00-0012 | LF | 6 At 5", Rigid Galvanized Conduit Duct Bank | 746.97 | |
| 26 05 43 00-0013 | LF | 2 At 6", Rigid Galvanized Conduit Duct Bank | 346.42 | |
| 26 05 43 00-0014 | LF | 4 At 6", Rigid Galvanized Conduit Duct Bank | 695.50 | |
| 26 05 43 00-0015 | LF | 6 At 6", Rigid Galvanized Conduit Duct Bank | 1,037.18 | |
| **26 05 43 00-0016** | | **Polyvinyl Chloride (PVC), Type EB Duct Bank System** *(26 05 43 00-0001)* | | |
| | | Note: Includes appropriate spacers and fittings. | | |
| 26 05 43 00-0017 | LF | 1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 7.04 | |
| 26 05 43 00-0018 | LF | 2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 15.49 | |
| 26 05 43 00-0019 | LF | 4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 29.71 | |
| 26 05 43 00-0020 | LF | 1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 9.32 | |
| 26 05 43 00-0021 | LF | 2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 18.61 | |
| 26 05 43 00-0022 | LF | 4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 37.80 | |
| 26 05 43 00-0023 | LF | 1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 12.44 | |
| 26 05 43 00-0024 | LF | 2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 24.89 | |
| 26 05 43 00-0025 | LF | 4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 49.82 | |
| 26 05 43 00-0026 | LF | 6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 74.70 | |
| 26 05 43 00-0027 | LF | 1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 15.67 | |
| 26 05 43 00-0028 | LF | 2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 31.34 | |
| 26 05 43 00-0029 | LF | 4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 60.64 | |
| 26 05 43 00-0030 | LF | 6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 85.92 | |
| 26 05 43 00-0031 | LF | 1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 27.93 | |
| 26 05 43 00-0032 | LF | 2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 42.42 | |
| 26 05 43 00-0033 | LF | 4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 85.03 | |
| 26 05 43 00-0034 | LF | 6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank | 137.60 | |
| **26 05 43 00-0035** | | **Polyvinyl Chloride (PVC), Type DB Duct Bank System** *(26 05 43 00-0001)* | | |
| | | Note: Includes appropriate spacers and fittings. | | |
| 26 05 43 00-0036 | LF | 1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 7.82 | |
| 26 05 43 00-0037 | LF | 2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 17.11 | |
| 26 05 43 00-0038 | LF | 4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 32.75 | |
| 26 05 43 00-0039 | LF | 1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 9.67 | |
| 26 05 43 00-0040 | LF | 2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 19.31 | |
| 26 05 43 00-0041 | LF | 4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 38.51 | |
| 26 05 43 00-0042 | LF | 1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 12.72 | |
| 26 05 43 00-0043 | LF | 2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 25.46 | |
| 26 05 43 00-0044 | LF | 4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 50.95 | |
| 26 05 43 00-0045 | LF | 6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 76.41 | |
| 26 05 43 00-0046 | LF | 1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 16.10 | |
| 26 05 43 00-0047 | LF | 2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 32.19 | |
| 26 05 43 00-0048 | LF | 4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 62.35 | |
| 26 05 43 00-0049 | LF | 6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 88.49 | |
| 26 05 43 00-0050 | LF | 1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 28.53 | |
| 26 05 43 00-0051 | LF | 2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 43.65 | |
| 26 05 43 00-0052 | LF | 4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 87.49 | |
| 26 05 43 00-0053 | LF | 6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank | 141.30 | |
| **26 05 43 00-0054** | | **Male Or Female Adapters** *(26 05 43 00-0001)* | | |
| 26 05 43 00-0055 | EA | 2" Adapter | 40.34 | |
| 26 05 43 00-0056 | EA | 3" Adapter | 61.49 | |
| 26 05 43 00-0057 | EA | 4" Adapter | 80.64 | |
| 26 05 43 00-0058 | EA | 5" Adapter | 133.71 | |
| 26 05 43 00-0059 | EA | 6" Adapter | 163.04 | |

## 26 05 46 Utility Poles for Electrical Systems *(26 05)*

### 26 05 46 00-0001 Wood Poles *(26 05 46)*

| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 46 00-0002** | | **Wood Pole, Class 3, Penta-Treated To 8 LB Retention** *(26 05 46 00-0001)* | | |
| | | Note: Machine dig and set. | | |
| 26 05 46 00-0003 | EA | 25' Treated Wood Pole, Class 3, Machine Dig And Set | 909.85 | 293.89 |
| | | *For Class 1 Pole, Add* | *112.69* | |
| | | *For Class 2 Pole, Add* | *64.39* | |
| | | *For Class 4 Pole, Deduct* | *-32.20* | |
| | | *For Class 5 Pole, Deduct* | *-96.59* | |
| | | *For Class 6 Pole, Deduct* | *-128.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 46 00-0004 | EA | 30' Treated Wood Pole, Class 3, Machine Dig And Set | 1,089.31 | 326.07 |
| | | *For Class 1 Pole, Add* | *153.00* | |
| | | *For Class 2 Pole, Add* | *87.43* | |
| | | *For Class 4 Pole, Deduct* | *-43.71* | |
| | | *For Class 5 Pole, Deduct* | *-131.14* | |
| | | *For Class 6 Pole, Deduct* | *-174.86* | |
| 26 05 46 00-0005 | EA | 35' Treated Wood Pole, Class 3, Machine Dig And Set | 1,412.07 | 431.25 |
| | | *For Class 1 Pole, Add* | *192.40* | |
| | | *For Class 2 Pole, Add* | *109.94* | |
| | | *For Class 4 Pole, Deduct* | *-54.97* | |
| | | *For Class 5 Pole, Deduct* | *-164.91* | |
| | | *For Class 6 Pole, Deduct* | *-219.88* | |
| 26 05 46 00-0006 | EA | 40' Treated Wood Pole, Class 3, Machine Dig And Set | 1,616.11 | 474.32 |
| | | *For Class 1 Pole, Add* | *233.63* | |
| | | *For Class 2 Pole, Add* | *133.50* | |
| | | *For Class 4 Pole, Deduct* | *-66.75* | |
| | | *For Class 5 Pole, Deduct* | *-200.25* | |
| | | *For Class 6 Pole, Deduct* | *-267.00* | |
| 26 05 46 00-0007 | EA | 45' Treated Wood Pole, Class 3, Machine Dig And Set | 1,847.20 | 528.29 |
| | | *For Class 1 Pole, Add* | *276.68* | |
| | | *For Class 2 Pole, Add* | *158.10* | |
| | | *For Class 4 Pole, Deduct* | *-79.05* | |
| | | *For Class 5 Pole, Deduct* | *-237.16* | |
| | | *For Class 6 Pole, Deduct* | *-316.21* | |
| 26 05 46 00-0008 | EA | 50' Treated Wood Pole, Class 3, Machine Dig And Set | 2,101.94 | 592.90 |
| | | *For Class 1 Pole, Add* | *320.66* | |
| | | *For Class 2 Pole, Add* | *183.23* | |
| | | *For Class 4 Pole, Deduct* | *-91.62* | |
| | | *For Class 5 Pole, Deduct* | *-274.85* | |
| | | *For Class 6 Pole, Deduct* | *-366.47* | |
| 26 05 46 00-0009 | EA | 55' Treated Wood Pole, Class 3, Machine Dig And Set | 2,351.40 | 652.13 |
| | | *For Class 1 Pole, Add* | *366.47* | |
| | | *For Class 2 Pole, Add* | *209.41* | |
| | | *For Class 4 Pole, Deduct* | *-104.71* | |
| | | *For Class 5 Pole, Deduct* | *-314.12* | |
| | | *For Class 6 Pole, Deduct* | *-418.82* | |
| 26 05 46 00-0010 | EA | 60' Treated Wood Pole, Class 3, Machine Dig And Set | 2,627.97 | 717.12 |
| | | *For Class 1 Pole, Add* | *417.77* | |
| | | *For Class 2 Pole, Add* | *238.73* | |
| | | *For Class 4 Pole, Deduct* | *-119.36* | |
| | | *For Class 5 Pole, Deduct* | *-358.09* | |
| | | *For Class 6 Pole, Deduct* | *-477.46* | |
| 26 05 46 00-0011 | EA | 65' Treated Wood Pole, Class 3, Machine Dig And Set | 4,313.61 | 781.60 |
| | | *For Class 1 Pole, Add* | *962.62* | |
| | | *For Class 2 Pole, Add* | *550.07* | |
| | | *For Class 4 Pole, Deduct* | *-275.04* | |
| | | *For Class 5 Pole, Deduct* | *-825.11* | |
| | | *For Class 6 Pole, Deduct* | *-1,100.14* | |
| 26 05 46 00-0012 | EA | 70' Treated Wood Pole, Class 3, Machine Dig And Set | 4,737.70 | 831.44 |
| | | *For Class 1 Pole, Add* | *1,076.18* | |
| | | *For Class 2 Pole, Add* | *614.96* | |
| | | *For Class 4 Pole, Deduct* | *-307.48* | |
| | | *For Class 5 Pole, Deduct* | *-922.44* | |
| | | *For Class 6 Pole, Deduct* | *-1,229.92* | |
| 26 05 46 00-0013 | EA | 75' Treated Wood Pole, Class 3, Machine Dig And Set | 5,208.54 | 888.04 |
| | | *For Class 1 Pole, Add* | *1,201.34* | |
| | | *For Class 2 Pole, Add* | *686.48* | |
| | | *For Class 4 Pole, Deduct* | *-343.24* | |
| | | *For Class 5 Pole, Deduct* | *-1,029.72* | |
| | | *For Class 6 Pole, Deduct* | *-1,372.96* | |
| 26 05 46 00-0014 | | Removal And Relocation Of Wood Poles With Cross Arm *(26 05 46 00-0001)* | | |
| 26 05 46 00-0015 | LF | Removal And Relocation Of Up To 75' Wood Pole With Cross Arms | 25.05 | |
| 26 05 46 00-0016 | | Crossarms *(26 05 46)* | | |
| | | Note: Includes hardware and braces. | | |
| 26 05 46 00-0017 | | Wood Single Arm Crossarms *(26 05 46 00-0016)* | | |
| 26 05 46 00-0018 | EA | 3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces | 215.85 | 87.65 |
| 26 05 46 00-0019 | EA | 3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces | 260.80 | 87.65 |
| 26 05 46 00-0020 | EA | 3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces | 273.74 | 112.70 |
| 26 05 46 00-0021 | | Wood Double Arm Crossarms *(26 05 46 00-0016)* | | |
| 26 05 46 00-0022 | EA | 3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces | 555.48 | 244.17 |
| 26 05 46 00-0023 | EA | 3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces | 591.59 | 244.17 |
| 26 05 46 00-0024 | EA | 3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces | 615.72 | 244.17 |
| 26 05 46 00-0025 | | Fiberglass Crossarms *(26 05 46 00-0016)* | | |
| | | Note: Includes hardware. | | |
| 26 05 46 00-0026 | | Single Phase, 15 Degree Angle *(26 05 46 00-0025)* | | |
| 26 05 46 00-0027 | EA | Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB | 221.50 | |
| 26 05 46 00-0028 | EA | Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB | 282.82 | 52.59 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 46 00-0029 | EA | Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB | 295.35 | 56.34 |
| **26 05 46 00-0030** | | **Two Phase, 15 Degree Angle** *(26 05 46 00-0025)* | | |
| 26 05 46 00-0031 | EA | Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB | 353.77 | 67.61 |
| **26 05 46 00-0032** | | **Fiberglass Crossarm Accessories** *(26 05 46 00-0025)* | | |
| 26 05 46 00-0033 | EA | Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor | 600.89 | 86.40 |
| 26 05 46 00-0034 | EA | Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor | 712.47 | 105.18 |
| 26 05 46 00-0035 | EA | Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded | 104.49 | 15.03 |
| 26 05 46 00-0036 | EA | Three Phase Equipment Mounting Bracket | 522.51 | 75.13 |
| 26 05 46 00-0037 | EA | Fiberglass Bull Horn Crossarm | 413.67 | 125.22 |
| **26 05 46 00-0038** | | **Insulator Support System** *(26 05 46 00-0016)* | | |
| **26 05 46 00-0039** | | **Epoxy Construction Units, In Place Mounting** *(26 05 46 00-0038)* | | |
| | | Note: Includes hardware. | | |
| 26 05 46 00-0040 | EA | 1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting | 124.25 | |
| 26 05 46 00-0041 | EA | 1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting | 101.15 | |
| 26 05 46 00-0042 | EA | Deadend Arms, In Place Mounting | 289.70 | |
| 26 05 46 00-0043 | EA | 1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting | 197.90 | |
| **26 05 46 00-0044** | | **Epoxy Construction Units, Grounding Mounting** *(26 05 46 00-0038)* | | |
| | | Note: Includes hardware. | | |
| 26 05 46 00-0045 | EA | 1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting | 88.01 | |
| 26 05 46 00-0046 | EA | 1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting | 77.00 | |
| 26 05 46 00-0047 | EA | Deadend Arms, Grounding Mounting | 265.55 | |
| **26 05 46 00-0048** | | **Guying** *(26 05 46)* | | |
| | | Note: Includes cable, anchor and rod assembly, guy marker. | | |
| **26 05 46 00-0049** | | **Down Guy** *(26 05 46 00-0048)* | | |
| 26 05 46 00-0050 | EA | Down Guy For 25' To 40' Pole | 861.31 | 350.60 |
| 26 05 46 00-0051 | EA | Down Guy For 45' To 60' Pole | 876.53 | 350.60 |
| 26 05 46 00-0052 | EA | Down Guy For 65' To 75' Pole | 907.84 | 350.60 |
| 26 05 46 00-0053 | EA | Guy Guard, Plastic | 34.38 | |
| **26 05 46 00-0054** | | **Head Guy, 50' Spans** *(26 05 46 00-0048)* | | |
| 26 05 46 00-0055 | EA | Head Guy (50' Span), For 25' To 40' Pole | 1,244.03 | 538.43 |
| 26 05 46 00-0056 | EA | Head Guy (50' Span), For 45' To 60' Pole | 1,244.03 | 538.43 |
| 26 05 46 00-0057 | EA | Head Guy (50' Span), For 65' To 75' Pole | 1,244.03 | 538.43 |
| **26 05 46 00-0058** | | **Guy Strain Insulators Additional Insulators** *(26 05 46 00-0048)* | | |
| | | Note: As required at same material cost and labor. | | |
| 26 05 46 00-0059 | EA | Guy Strain Insulator | 531.33 | 262.95 |
| **26 05 46 00-0060** | | **Pole Anchor** *(26 05 46 00-0048)* | | |
| | | Note: Joslyn. | | |
| 26 05 46 00-0061 | EA | Pole Anchor, 4" Helix, 3/4" x 54" Shaft | 55.99 | 22.01 |
| 26 05 46 00-0062 | EA | Pole Anchor, 6" Helix, 3/4" x 66" Shaft | 64.16 | 22.01 |
| 26 05 46 00-0063 | EA | Pole Anchor, 8" Helix, 1" x 66" Shaft | 86.84 | 24.76 |
| 26 05 46 00-0064 | EA | Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft | 124.01 | 27.52 |
| 26 05 46 00-0065 | EA | Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft | 141.95 | 30.27 |
| 26 05 46 00-0066 | EA | Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft | 229.77 | 41.28 |
| **26 05 46 00-0067** | | **Insulators** *(26 05 46)* | | |
| **26 05 46 00-0068** | | **Pin Insulator With Pin** *(26 05 46 00-0067)* | | |
| 26 05 46 00-0069 | EA | 5 KV Class 55-3, Pin Insulator With Pin | 172.14 | 75.13 |
| 26 05 46 00-0070 | EA | 15 KV Class 55-5, Pin Insulator With Pin | 179.42 | 75.13 |
| **26 05 46 00-0071** | | **Suspension Insulator** *(26 05 46 00-0067)* | | |
| | | Note: Includes clevis and strain clamp. | | |
| 26 05 46 00-0072 | EA | 5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp | 222.14 | 100.17 |
| 26 05 46 00-0073 | EA | 15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp | 241.92 | 100.17 |
| 26 05 46 00-0074 | EA | 25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp | 346.40 | 125.22 |
| 26 05 46 00-0075 | EA | 50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp | 558.47 | 200.35 |
| **26 05 46 00-0076** | | **Spool Insulator With Clevis** *(26 05 46 00-0067)* | | |
| 26 05 46 00-0077 | EA | 5 KV Class 53-5, Spool Insulator With Clevis | 73.97 | 31.31 |
| 26 05 46 00-0078 | EA | 15 KV Class, Spool Insulator With Clevis | 239.50 | 112.70 |
| 26 05 46 00-0079 | EA | 25 KV Class, Spool Insulator With Clevis | 309.96 | 112.70 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 46 00-0080 | | Secondary Rack *(26 05 46 00-0067)* | | |
| 26 05 46 00-0081 | EA | 1 Spool Secondary Rack | 146.52 | 62.61 |
| 26 05 46 00-0082 | EA | 2 Spool Secondary Rack | 152.91 | 79.89 |
| 26 05 46 00-0083 | EA | 3 Spool Secondary Rack | 228.65 | 106.44 |
| 26 05 46 00-0084 | EA | 4 Spool Secondary Rack | 256.06 | 106.44 |
| 26 05 46 00-0085 | | Outdoor Load Break Switches *(26 05 46)* | | |
| | | Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel. | | |
| 26 05 46 00-0086 | | 7.2 KV Outdoor Load Break Switches *(26 05 46 00-0085)* | | |
| 26 05 46 00-0087 | EA | 600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 4,146.21 | 425.74 |
| 26 05 46 00-0088 | EA | 1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 8,083.54 | 425.74 |
| 26 05 46 00-0089 | EA | 1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 12,036.00 | 719.99 |
| 26 05 46 00-0090 | EA | 2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 12,294.91 | 719.99 |
| 26 05 46 00-0091 | | 14.4 KV Outdoor Load Break Switches *(26 05 46 00-0085)* | | |
| 26 05 46 00-0092 | EA | 600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 5,054.69 | 425.74 |
| 26 05 46 00-0093 | EA | 1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 9,541.54 | 425.74 |
| 26 05 46 00-0094 | EA | 1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 12,036.00 | 719.99 |
| 26 05 46 00-0095 | EA | 2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 12,294.91 | 719.99 |
| 26 05 46 00-0096 | | 23 KV Outdoor Load Break Switches *(26 05 46 00-0085)* | | |
| 26 05 46 00-0097 | EA | 600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 5,577.11 | 494.61 |
| 26 05 46 00-0098 | EA | 1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 10,443.46 | 494.61 |
| 26 05 46 00-0099 | EA | 1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 12,590.09 | 851.47 |
| 26 05 46 00-0100 | EA | 2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator | 12,857.49 | 851.47 |
| 26 05 46 00-0101 | | Square Distribution Poles *(26 05 46)* | | |
| 26 05 46 00-0102 | | Square Steel Tapered Shaft Distribution Poles *(26 05 46 00-0101)* | | |
| 26 05 46 00-0103 | EA | 20', Steel Taped Shaft Distribution Pole | 3,198.30 | 532.17 |
| 26 05 46 00-0104 | EA | 25', Steel Taped Shaft Distribution Pole | 3,576.64 | 563.48 |
| 26 05 46 00-0105 | EA | 30', Steel Taped Shaft Distribution Pole | 3,881.23 | 626.08 |
| 26 05 46 00-0106 | EA | 35', Steel Taped Shaft Distribution Pole | 4,294.55 | 688.70 |
| 26 05 46 00-0107 | EA | 40', Steel Taped Shaft Distribution Pole | 5,815.31 | 751.30 |
| 26 05 46 00-0108 | | Square Prestressed Concrete Distribution Poles *(26 05 46 00-0101)* | | |
| 26 05 46 00-0109 | EA | 30', Prestressed Concrete Square Pole For Distribution | 4,594.03 | 922.67 |
| 26 05 46 00-0110 | EA | 35', Prestressed Concrete Square Pole For Distribution | 5,189.88 | 1,011.96 |
| 26 05 46 00-0111 | EA | 40', Prestressed Concrete Square Pole For Distribution | 6,090.11 | 1,131.01 |
| 26 05 46 00-0112 | EA | 45', Prestressed Concrete Square Pole For Distribution | 6,862.33 | 1,250.07 |
| 26 05 46 00-0113 | EA | 50', Prestressed Concrete Square Pole For Distribution | 5,311.41 | 1,517.94 |
| 26 05 46 00-0114 | EA | 55', Prestressed Concrete Square Pole For Distribution | 9,678.74 | 1,785.82 |
| 26 05 46 00-0115 | EA | 60', Prestressed Concrete Square Pole For Distribution | 11,419.82 | 2,023.92 |
| 26 05 46 00-0116 | EA | 65', Prestressed Concrete Square Pole For Distribution | 13,784.15 | 2,500.13 |
| 26 05 46 00-0117 | EA | 70', Prestressed Concrete Square Pole For Distribution | 15,440.10 | 2,738.25 |
| 26 05 46 00-0118 | | Aluminum Tapered Poles *(26 05 46)* | | |
| 26 05 46 00-0119 | | Aluminum Tapered Round Seamless Shaft Poles *(26 05 46 00-0118)* | | |
| 26 05 46 00-0120 | EA | 20', Aluminum Tapered Round Seamless Shaft Pole For Distribution | 2,535.21 | 469.56 |
| 26 05 46 00-0121 | EA | 25', Aluminum Tapered Round Seamless Shaft Pole For Distribution | 3,484.29 | 500.87 |
| 26 05 46 00-0122 | EA | 30', Aluminum Tapered Round Seamless Shaft Pole For Distribution | 4,001.04 | 563.48 |
| 26 05 46 00-0123 | EA | 35', Aluminum Tapered Round Seamless Shaft Pole For Distribution | 4,724.52 | 626.08 |
| 26 05 46 00-0124 | EA | 40', Aluminum Tapered Round Seamless Shaft Pole For Distribution | 7,020.89 | 688.70 |
| 26 05 46 00-0125 | | Steel Service Poles Distribution *(26 05 46)* | | |
| | | Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish. | | |
| 26 05 46 00-0126 | | Round Tapered Pole *(26 05 46 00-0125)* | | |
| 26 05 46 00-0127 | EA | 40', Galvanized Steel Tapered Round Pole For Distribution | 3,616.18 | 751.30 |
| 26 05 46 00-0128 | EA | 45', Galvanized Steel Tapered Round Pole For Distribution | 4,167.02 | 813.91 |
| 26 05 46 00-0129 | EA | 50', Galvanized Steel Tapered Round Pole For Distribution | 4,445.16 | 876.52 |
| 26 05 46 00-0130 | EA | 55', Galvanized Steel Tapered Round Pole For Distribution | 5,217.77 | 1,001.74 |
| 26 05 46 00-0131 | EA | 60', Galvanized Steel Tapered Round Pole For Distribution | 6,388.83 | 1,126.95 |
| 26 05 46 00-0132 | EA | 65', Galvanized Steel Tapered Round Pole For Distribution | 7,538.72 | 1,398.88 |
| 26 05 46 00-0133 | EA | 70', Galvanized Steel Tapered Round Pole For Distribution | 8,409.51 | 1,586.99 |
| 26 05 46 00-0134 | EA | 75', Galvanized Steel Tapered Round Pole For Distribution | 9,306.57 | 1,785.82 |
| 26 05 46 00-0135 | EA | 80', Galvanized Steel Tapered Round Pole For Distribution | 10,465.05 | 2,023.92 |
| 26 05 46 00-0136 | EA | 85', Galvanized Steel Tapered Round Pole For Distribution | 11,175.70 | 2,142.97 |
| 26 05 46 00-0137 | EA | 90', Galvanized Steel Tapered Round Pole For Distribution | 12,161.66 | 2,381.09 |
| 26 05 46 00-0138 | EA | 95', Galvanized Steel Tapered Round Pole For Distribution | 13,383.67 | 2,678.72 |
| 26 05 46 00-0139 | EA | 100', Galvanized Steel Tapered Round Pole For Distribution | 14,832.16 | 3,035.88 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 46 00-0140 | | 12 Sided Tapered *(26 05 46 00-0125)* | | |
| 26 05 46 00-0141 | EA | 40', Galvanized Steel Tapered 12 Sided Pole For Distribution | 5,881.42 | 751.30 |
| 26 05 46 00-0142 | EA | 45', Galvanized Steel Tapered 12 Sided Pole For Distribution | 6,481.34 | 813.91 |
| 26 05 46 00-0143 | EA | 50', Galvanized Steel Tapered 12 Sided Pole For Distribution | 7,163.57 | 876.52 |
| 26 05 46 00-0144 | EA | 55', Galvanized Steel Tapered 12 Sided Pole For Distribution | 7,893.27 | 1,001.74 |
| 26 05 46 00-0145 | EA | 60', Galvanized Steel Tapered 12 Sided Pole For Distribution | 10,374.55 | 1,126.95 |
| 26 05 46 00-0146 | EA | 65', Galvanized Steel Tapered 12 Sided Pole For Distribution | 11,548.96 | 1,398.88 |
| 26 05 46 00-0147 | EA | 70', Galvanized Steel Tapered 12 Sided Pole For Distribution | 13,362.57 | 1,586.99 |
| 26 05 46 00-0148 | EA | 75', Galvanized Steel Tapered 12 Sided Pole For Distribution | 14,415.75 | 1,785.82 |
| 26 05 46 00-0149 | EA | 80', Galvanized Steel Tapered 12 Sided Pole For Distribution | 15,567.82 | 2,023.92 |
| 26 05 46 00-0150 | EA | 85', Galvanized Steel Tapered 12 Sided Pole For Distribution | 16,496.16 | 2,142.97 |
| 26 05 46 00-0151 | EA | 90', Galvanized Steel Tapered 12 Sided Pole For Distribution | 18,703.51 | 2,381.09 |
| 26 05 46 00-0152 | EA | 95', Galvanized Steel Tapered 12 Sided Pole For Distribution | 19,907.19 | 2,678.72 |
| 26 05 46 00-0153 | EA | 100', Galvanized Steel Tapered 12 Sided Pole For Distribution | 21,398.51 | 3,035.88 |
| 26 05 46 00-0154 | EA | 105', Galvanized Steel Tapered 12 Sided Pole For Distribution | 22,982.91 | 3,393.04 |
| 26 05 46 00-0155 | | Standard Options For Round, 12 Sided and Octagonal Tapered Poles *(26 05 46 00-0125)* | | |
| 26 05 46 00-0156 | EA | Ladder Clips | 19.32 | |
| 26 05 46 00-0157 | EA | Coal Tar Epoxy Coating From Base To 1' Above Ground Line | 144.96 | |
| 26 05 46 00-0158 | EA | Ground Sleeve-2' At Ground Line | 145.80 | |
| 26 05 46 00-0159 | | Arms With Baseplates And Endplates *(26 05 46 00-0125)* | | |
| 26 05 46 00-0160 | EA | 4' Arm With Baseplate And Endplate | 693.21 | 125.22 |
| 26 05 46 00-0161 | EA | 5' Arm With Baseplate And Endplate | 753.24 | 125.22 |
| 26 05 46 00-0162 | EA | 6' Arm With Baseplate And Endplate | 939.48 | 187.83 |
| 26 05 46 00-0163 | EA | 7' Arm With Baseplate And Endplate | 991.99 | 187.83 |
| 26 05 46 00-0164 | EA | 8' Arm With Baseplate And Endplate | 1,176.30 | 250.43 |
| 26 05 46 00-0165 | EA | 9' Arm With Baseplate And Endplate | 1,236.31 | 250.43 |
| 26 05 46 00-0166 | EA | 10' Arm With Baseplate And Endplate | 1,639.23 | 313.05 |
| 26 05 46 00-0167 | EA | 11' Arm With Baseplate And Endplate | 1,706.59 | 313.05 |
| 26 05 46 00-0168 | | Standard Vangs Load Bearing At Any Angle *(26 05 46 00-0125)* | | |
| 26 05 46 00-0169 | EA | 15,000 LB Standard Vangs Load Bearing At Any Angle | 299.94 | 125.22 |
| 26 05 46 00-0170 | EA | 30,000 LB Standard Vangs Load Bearing At Any Angle | 336.72 | 125.22 |
| 26 05 46 00-0171 | EA | 45,000 LB Standard Vangs Load Bearing At Any Angle | 387.02 | 125.22 |
| 26 05 46 00-0172 | | Armless Construction Brackets *(26 05 46 00-0125)* | | |
| 26 05 46 00-0173 | | Verticals Insulator And Equipment Bracket *(26 05 46 00-0172)* | | |
| 26 05 46 00-0174 | EA | 7" 1 Position Vertical Insulation And Equipment Bracket | 305.94 | 125.22 |
| 26 05 46 00-0175 | EA | 12" 1 Position Vertical Insulation And Equipment Bracket | 329.16 | 125.22 |
| 26 05 46 00-0176 | EA | 12" 3 Position Vertical Insulation And Equipment Bracket | 366.90 | 125.22 |
| 26 05 46 00-0177 | EA | 18" 1 Position Vertical Insulation And Equipment Bracket | 516.79 | 187.83 |
| 26 05 46 00-0178 | EA | 18" 3 Position Vertical Insulation And Equipment Bracket | 538.83 | 187.83 |
| 26 05 46 00-0179 | | Horizontal And Multiple Insulator Brackets *(26 05 46 00-0172)* | | |
| 26 05 46 00-0180 | EA | Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets | 287.86 | 125.22 |
| 26 05 46 00-0181 | EA | Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets | 336.66 | 125.22 |
| 26 05 46 00-0182 | EA | Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets | 493.16 | 187.83 |
| 26 05 46 00-0183 | EA | Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets | 608.33 | 187.83 |
| 26 05 46 00-0184 | EA | Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets | 781.55 | 250.43 |
| 26 05 46 00-0185 | EA | Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets | 842.67 | 250.43 |
| 26 05 46 00-0186 | | Pole Top Bracket And Pins *(26 05 46 00-0172)* | | |
| 26 05 46 00-0187 | EA | Pole Top Pin - 5" | 294.94 | 125.22 |
| 26 05 46 00-0188 | EA | Pole Top Bracket - 5" | 306.79 | 125.22 |
| 26 05 46 00-0189 | | Angle Pins *(26 05 46 00-0172)* | | |
| 26 05 46 00-0190 | EA | Angle Pin - 25 Degree, 6" | 293.34 | 125.22 |
| 26 05 46 00-0191 | EA | Angle Pin - 25 Degree, 7 1/4" | 331.82 | 125.22 |
| 26 05 46 00-0192 | | Static And Neutral Wire Brackets *(26 05 46 00-0172)* | | |
| 26 05 46 00-0193 | EA | Neutral Wire Extension Bracket | 313.92 | 125.22 |
| 26 05 46 00-0194 | EA | Static Wire Support Bracket | 318.46 | 125.22 |
| 26 05 46 00-0195 | | Cutout, Arrestor And Terminator Brackets *(26 05 46 00-0172)* | | |
| 26 05 46 00-0196 | EA | Cutout And Arrestor, With Mounting Bracket | 279.19 | 125.22 |
| 26 05 46 00-0197 | EA | Equipment Mounting T Bracket | 298.01 | 125.22 |
| 26 05 46 00-0198 | EA | 15 KV Cutout | 384.15 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 46 00-0199 | EA | 9/10 KV Arrestor | 357.67 | 125.22 |
| **26 05 46 00-0200** | | **Spacer Cable, Conduit Support And Cluster Bracket** *(26 05 46 00-0172)* | | |
| 26 05 46 00-0201 | EA | Parallel Cable Spacer | 346.58 | 125.22 |
| 26 05 46 00-0202 | EA | Conduit Standoff Support Bracket | 332.06 | 125.22 |
| 26 05 46 00-0203 | EA | Three Transformer Pole Mounted Cluster Bracket | 835.82 | 125.22 |
| **26 05 46 00-0204** | | **15 KV, 200 Amperes, Solenoid Operated High Voltage Switch** *(26 05 46 00-0172)* | | |
| | | Note: Includes pole mounting bracket. | | |
| 26 05 46 00-0205 | EA | 15 KV, 1 Phase, Solenoid Switch With Pole Bracket | 1,792.51 | 313.05 |
| **26 05 46 00-0206** | | **Octagonal Tapered** *(26 05 46 00-0125)* | | |
| 26 05 46 00-0207 | EA | 40', Galvanized Steel Tapered Octagonal Pole For Distribution | 6,049.78 | 751.30 |
| 26 05 46 00-0208 | EA | 45', Galvanized Steel Tapered Octagonal Pole For Distribution | 6,668.08 | 813.91 |
| 26 05 46 00-0209 | EA | 50', Galvanized Steel Tapered Octagonal Pole For Distribution | 7,371.74 | 876.52 |
| 26 05 46 00-0210 | EA | 55', Galvanized Steel Tapered Octagonal Pole For Distribution | 8,119.80 | 1,064.35 |
| 26 05 46 00-0211 | EA | 60', Galvanized Steel Tapered Octagonal Pole For Distribution | 10,686.80 | 1,126.95 |
| 26 05 46 00-0212 | EA | 65', Galvanized Steel Tapered Octagonal Pole For Distribution | 11,885.70 | 1,398.88 |
| 26 05 46 00-0213 | EA | 70', Galvanized Steel Tapered Octagonal Pole For Distribution | 13,754.41 | 1,488.18 |
| 26 05 46 00-0214 | EA | 75', Galvanized Steel Tapered Octagonal Pole For Distribution | 14,833.61 | 1,785.82 |
| 26 05 46 00-0215 | EA | 80', Galvanized Steel Tapered Octagonal Pole For Distribution | 16,010.16 | 1,904.86 |
| 26 05 46 00-0216 | EA | 85', Galvanized Steel Tapered Octagonal Pole For Distribution | 16,964.53 | 2,142.97 |
| 26 05 46 00-0217 | EA | 90', Galvanized Steel Tapered Octagonal Pole For Distribution | 19,237.70 | 2,262.03 |
| 26 05 46 00-0218 | EA | 95', Galvanized Steel Tapered Octagonal Pole For Distribution | 20,468.93 | 2,678.72 |
| 26 05 46 00-0219 | EA | 100', Galvanized Steel Tapered Octagonal Pole For Distribution | 21,987.79 | 2,857.30 |
| 26 05 46 00-0220 | EA | 105', Galvanized Steel Tapered Octagonal Pole For Distribution | 23,602.81 | 3,214.46 |
| **26 05 46 00-0221** | | **Removal And Relocation Of Steel Service Poles** *(26 05 46 00-0125)* | | |
| 26 05 46 00-0222 | LF | Removal And Relocation Of Steel Service Poles With Arms Up To 60' | 43.82 | |
| **26 05 46 00-0223** | | **Special Steel Bases For Poles** *(26 05 46 00-0125)* | | |
| 26 05 46 00-0224 | EA | Spin-In Steel Base For Poles | 247.13 | |
| 26 05 46 00-0225 | EA | Series 3, 25' Pole And less | 272.85 | 62.61 |
| 26 05 46 00-0226 | EA | Series 4, 40' Pole And less | 324.44 | 72.00 |
| 26 05 46 00-0227 | EA | Series 5, 50' Pole And less | 369.77 | 78.26 |
| **26 05 46 00-0228** | | **Primary Fuse Cutouts** *(26 05 46)* | | |
| | | Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric. | | |
| **26 05 46 00-0229** | | **Non-Loadbreak Current Limiting Primary Fuse Cutouts** *(26 05 46 00-0228)* | | |
| | | Note: Includes the fuse and cut-out switch. | | |
| **26 05 46 00-0230** | | **8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)* | | |
| 26 05 46 00-0231 | EA | 15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting | 620.77 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| 26 05 46 00-0232 | EA | 25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting | 745.98 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *187.82* | |
| 26 05 46 00-0233 | EA | 40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting | 870.78 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *225.26* | |
| 26 05 46 00-0234 | EA | 100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting | 882.41 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *225.40* | |
| 26 05 46 00-0235 | EA | 200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting | 882.41 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *225.40* | |
| **26 05 46 00-0236** | | **17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)* | | |
| 26 05 46 00-0237 | EA | 15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting | 620.77 | 250.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| **26 05 46 00-0238** | | **17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)* | | |
| 26 05 46 00-0239 | EA | 15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting | 635.89 | 250.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| **26 05 46 00-0240** | | **Fuseholders** *(26 05 46 00-0229)* | | |
| | | Note: Including current limiting fuse. | | |
| 26 05 46 00-0241 | EA | 15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting | 557.04 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| 26 05 46 00-0242 | EA | 25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting | 682.25 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *187.82* | |
| 26 05 46 00-0243 | EA | 40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting | 807.05 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *225.26* | |
| 26 05 46 00-0244 | EA | 100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting | 562.28 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| 26 05 46 00-0245 | EA | 200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting | 687.49 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *187.82* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 46 00-0246 | EA | 15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting | 557.04 | 250.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| **26 05 46 00-0247** | | **Accessories** *(26 05 46 00-0229)* | | |
| 26 05 46 00-0248 | EA | Hot Line Clamp | 78.21 | 28.17 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.78* | |
| 26 05 46 00-0249 | EA | Stirrup | 83.01 | 28.17 |
| **26 05 46 00-0250** | | **Loadbreak Current Limiting Primary Fuse Cutouts** *(26 05 46 00-0228)* | | |
| | | Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder. | | |
| **26 05 46 00-0251** | | **8.3 KV-95 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)* | | |
| 26 05 46 00-0252 | EA | 15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting | 738.51 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| 26 05 46 00-0253 | EA | 25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting | 863.72 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *187.82* | |
| 26 05 46 00-0254 | EA | 40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting | 988.52 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *225.26* | |
| 26 05 46 00-0255 | EA | 100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting | 1,011.13 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *225.40* | |
| 26 05 46 00-0256 | EA | 200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting | 1,011.13 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *225.40* | |
| **26 05 46 00-0257** | | **17.1 KV-95 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)* | | |
| 26 05 46 00-0258 | EA | 15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting | 738.51 | 250.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| **26 05 46 00-0259** | | **17.1 KV-125 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)* | | |
| 26 05 46 00-0260 | EA | 15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting | 738.51 | 250.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| **26 05 46 00-0261** | | **Fuseholders** *(26 05 46 00-0250)* | | |
| | | Note: Includes current limiting fuses. | | |
| 26 05 46 00-0262 | EA | 15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting | 562.44 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| 26 05 46 00-0263 | EA | 25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting | 687.65 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *187.82* | |
| 26 05 46 00-0264 | EA | 40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting | 812.45 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *225.26* | |
| 26 05 46 00-0265 | EA | 15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting | 562.44 | 313.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.26* | |
| **26 05 46 00-0266** | | **Pole Mounted Capacitors** *(26 05 46 00-0250)* | | |
| 26 05 46 00-0267 | EA | Capacitors - Pole Mounted 6 KVAR | 1,175.98 | 252.44 |
| **26 05 46 00-0268** | | **Pole Structure Assemblies** *(26 05 46 00-0228)* | | |
| **26 05 46 00-0269** | | **5 KV Pole Structure Assemblies** *(26 05 46 00-0268)* | | |
| | | Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets. | | |
| 26 05 46 00-0270 | EA | Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 496.27 | 237.92 |
| 26 05 46 00-0271 | EA | Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 831.25 | 400.70 |
| 26 05 46 00-0272 | EA | Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 841.09 | 313.05 |
| 26 05 46 00-0273 | EA | Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 463.70 | 162.78 |
| 26 05 46 00-0274 | EA | Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 604.92 | 225.39 |
| 26 05 46 00-0275 | EA | Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,101.81 | 450.78 |
| 26 05 46 00-0276 | EA | Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 851.10 | 338.08 |
| 26 05 46 00-0277 | EA | Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,607.15 | 676.17 |
| 26 05 46 00-0278 | EA | Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,818.39 | 763.82 |
| 26 05 46 00-0279 | EA | Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 966.29 | 375.65 |
| 26 05 46 00-0280 | EA | Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 878.78 | 400.70 |
| 26 05 46 00-0281 | EA | Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,697.88 | 813.91 |
| 26 05 46 00-0282 | EA | Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,197.36 | 488.35 |
| 26 05 46 00-0283 | EA | Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 779.91 | 350.60 |
| 26 05 46 00-0284 | EA | Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,513.68 | 713.74 |
| 26 05 46 00-0285 | EA | Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,094.14 | 363.13 |
| **26 05 46 00-0286** | | **15 KV Pole Structure Assemblies** *(26 05 46 00-0268)* | | |
| | | Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets. | | |
| 26 05 46 00-0287 | EA | Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 511.40 | 237.92 |
| 26 05 46 00-0288 | EA | Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 852.85 | 400.70 |
| 26 05 46 00-0289 | EA | Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 914.54 | 313.05 |
| 26 05 46 00-0290 | EA | Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 489.62 | 162.78 |
| 26 05 46 00-0291 | EA | Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 641.64 | 212.87 |
| 26 05 46 00-0292 | EA | Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,175.26 | 450.78 |
| 26 05 46 00-0293 | EA | Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 905.11 | 338.08 |
| 26 05 46 00-0294 | EA | Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,717.33 | 676.17 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 46 00-0295 | EA | Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,967.46 | 763.82 |
| 26 05 46 00-0296 | EA | Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,039.74 | 375.65 |
| 26 05 46 00-0297 | EA | Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 906.86 | 400.70 |
| 26 05 46 00-0298 | EA | Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,725.96 | 813.91 |
| 26 05 46 00-0299 | EA | Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,253.53 | 488.35 |
| 26 05 46 00-0300 | EA | Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 807.99 | 338.08 |
| 26 05 46 00-0301 | EA | Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,541.76 | 713.74 |
| 26 05 46 00-0302 | EA | Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,150.31 | 438.26 |
| 26 05 46 00-0303 | | **25 KV Pole Structure Assemblies** *(26 05 46 00-0268)*<br>Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets. | | |
| 26 05 46 00-0304 | EA | Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,296.82 | 375.65 |
| 26 05 46 00-0305 | EA | Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 763.35 | 187.83 |
| 26 05 46 00-0306 | EA | Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,113.37 | 288.00 |
| 26 05 46 00-0307 | EA | Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,621.73 | 588.52 |
| 26 05 46 00-0308 | EA | Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,451.18 | 438.26 |
| 26 05 46 00-0309 | EA | Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 2,470.08 | 864.00 |
| 26 05 46 00-0310 | EA | Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 2,464.34 | 976.69 |
| 26 05 46 00-0311 | EA | Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,656.30 | 569.74 |
| 26 05 46 00-0312 | EA | Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,471.24 | 569.74 |
| 26 05 46 00-0313 | | **50 KV Pole Structure Assemblies** *(26 05 46 00-0268)*<br>Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets. | | |
| 26 05 46 00-0314 | EA | Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,742.92 | 513.39 |
| 26 05 46 00-0315 | EA | Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 933.10 | 262.95 |
| 26 05 46 00-0316 | EA | Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,251.73 | 413.22 |
| 26 05 46 00-0317 | EA | Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 2,391.13 | 838.95 |
| 26 05 46 00-0318 | EA | Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 1,822.51 | 626.08 |
| 26 05 46 00-0319 | EA | Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 3,539.16 | 1,252.17 |
| 26 05 46 00-0320 | EA | Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 4,117.71 | 1,389.90 |
| 26 05 46 00-0321 | EA | Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 2,073.80 | 676.17 |
| 26 05 46 00-0322 | EA | Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 2,167.96 | 782.61 |
| 26 05 46 00-0323 | EA | Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer | 2,075.88 | 738.78 |
| 26 05 46 00-0324 | | **Overhead To Underground Conversion Structures** *(26 05 46 00-0228)*<br>Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole. | | |
| 26 05 46 00-0325 | | **5 KV Structures** *(26 05 46 00-0324)*<br>Note: Excludes pole. | | |
| 26 05 46 00-0326 | EA | (3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles | 4,670.62 | 2,504.34 |
| 26 05 46 00-0327 | EA | (3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles | 4,670.62 | 2,504.34 |
| 26 05 46 00-0328 | EA | (4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles | 4,670.62 | 2,504.34 |
| 26 05 46 00-0329 | EA | (4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles | 4,670.62 | 2,504.34 |
| 26 05 46 00-0330 | | **15 KV Structures** *(26 05 46 00-0324)*<br>Note: Excludes pole. | | |
| 26 05 46 00-0331 | EA | (3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles | 4,772.27 | 2,504.34 |
| 26 05 46 00-0332 | EA | (3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles | 4,772.27 | 2,504.34 |
| 26 05 46 00-0333 | EA | (4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles | 4,772.27 | 2,504.34 |
| 26 05 46 00-0334 | EA | (4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles | 4,772.27 | 2,504.34 |
| 26 05 46 00-0335 | | **25 KV Structures** *(26 05 46 00-0324)*<br>Note: Excludes pole. | | |
| 26 05 46 00-0336 | EA | (3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles | 4,883.16 | 2,504.34 |
| 26 05 46 00-0337 | EA | (3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles | 4,883.16 | 2,504.34 |
| 26 05 46 00-0338 | EA | (4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles | 4,883.16 | 2,504.34 |
| 26 05 46 00-0339 | EA | (4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles | 4,883.16 | 2,504.34 |
| 26 05 46 00-0340 | | **Transformer Stations** *(26 05 46 00-0228)*<br>Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer. | | |
| 26 05 46 00-0341 | | **5 KV Station** *(26 05 46 00-0340)* | | |
| 26 05 46 00-0342 | EA | (Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole | 6,376.35 | 3,337.34 |
| 26 05 46 00-0343 | EA | (Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole | 7,159.53 | 3,755.76 |
| 26 05 46 00-0344 | EA | (Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole | 7,942.71 | 4,173.90 |
| 26 05 46 00-0345 | EA | (Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole | 7,942.71 | 4,173.90 |
| 26 05 46 00-0346 | EA | (Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole | 6,376.35 | 3,337.34 |
| 26 05 46 00-0347 | | **15 KV Stations** *(26 05 46 00-0340)* | | |
| 26 05 46 00-0348 | EA | (Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole | 6,478.00 | 3,337.34 |
| 26 05 46 00-0349 | EA | (Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole | 7,261.19 | 3,755.76 |
| 26 05 46 00-0350 | EA | (Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole | 8,044.36 | 4,173.90 |
| 26 05 46 00-0351 | EA | (Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole | 8,044.36 | 4,173.90 |
| 26 05 46 00-0352 | EA | (Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole | 6,478.00 | 3,337.34 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 46 00-0353 | | 25 KV Stations *(26 05 46 00-0340)* | | |
| 26 05 46 00-0354 | EA | (Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole | 6,588.89 | 3,337.34 |
| 26 05 46 00-0355 | EA | (Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole | 7,372.08 | 3,755.76 |
| 26 05 46 00-0356 | EA | (Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole | 8,155.25 | 4,173.90 |
| 26 05 46 00-0357 | EA | (Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole | 8,155.25 | 4,173.90 |
| 26 05 46 00-0358 | EA | (Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole | 6,588.89 | 3,337.34 |

## 26 05 53 Identification for Electrical Systems *(26 05)*

| | | | | |
|---|---|---|---|---|
| 26 05 53 00-0001 | | Conduit Markers Pressure-Sensitive *(26 05 53)* | | |
| | | Note: Stick-on, includes arrow tape. | | |
| 26 05 53 00-0002 | EA | 1/2" Outside Diameter Pressure Sensitive Marker Stick-on | 12.08 | |
| 26 05 53 00-0003 | EA | 3/4" Outside Diameter Pressure Sensitive Marker Stick-on | 12.63 | |
| 26 05 53 00-0004 | EA | 1" Outside Diameter Pressure Sensitive Marker Stick-on | 13.75 | |
| 26 05 53 00-0005 | EA | 1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on | 13.96 | |
| 26 05 53 00-0006 | EA | 1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on | 14.18 | |
| 26 05 53 00-0007 | EA | 2" Outside Diameter Pressure Sensitive Marker Stick-on | 14.51 | |
| 26 05 53 00-0008 | EA | 2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on | 16.87 | |
| 26 05 53 00-0009 | EA | 3" Outside Diameter Pressure Sensitive Marker Stick-on | 17.31 | |
| 26 05 53 00-0010 | EA | 3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on | 17.63 | |
| 26 05 53 00-0011 | EA | 4" Outside Diameter Pressure Sensitive Marker Stick-on | 17.98 | |
| 26 05 53 00-0012 | EA | 4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on | 18.66 | |
| 26 05 53 00-0013 | EA | 5" Outside Diameter Pressure Sensitive Marker Stick-on | 19.40 | |
| 26 05 53 00-0014 | EA | 6" Outside Diameter Pressure Sensitive Marker Stick-on | 20.05 | |
| 26 05 53 00-0015 | EA | 7" Outside Diameter Pressure Sensitive Marker Stick-on | 20.70 | |
| 26 05 53 00-0016 | EA | 8" Outside Diameter Pressure Sensitive Marker Stick-on | 22.63 | |
| 26 05 53 00-0017 | EA | 10" Outside Diameter Pressure Sensitive Marker Stick-on | 23.83 | |
| 26 05 53 00-0018 | | Labeling Electrical Wires *(26 05 53)* | | |
| | | Note: Self-adhesive vinly coated white cloth | | |
| 26 05 53 00-0019 | EA | Labeling Wire | 3.41 | |
| 26 05 53 00-0020 | | Equipment Labeling *(26 05 53)* | | |
| 26 05 53 00-0021 | EA | Label Both Ends Of One 4 Pair Cable | 21.65 | |
| 26 05 53 00-0022 | EA | Label single gang face plate (2 labels required) | 17.32 | |
| 26 05 53 00-0023 | EA | Label two gang face plate (4 labels required) | 25.98 | |
| 26 05 53 00-0024 | EA | Label both ends of a Siamese (dual 4 Pair cable) | 21.65 | |

## 26 05 83 Wiring Connections *(26 05)*

| | | | | |
|---|---|---|---|---|
| 26 05 83 00-0001 | | Tape Wrapped Compression Connectors *(26 05 83)* | | |
| 26 05 83 00-0002 | EA | #6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 15.09 | 4.95 |
| 26 05 83 00-0003 | EA | #4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 16.58 | 5.50 |
| 26 05 83 00-0004 | EA | #2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 18.01 | 6.04 |
| 26 05 83 00-0005 | EA | 1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 20.92 | 6.60 |
| 26 05 83 00-0006 | EA | 2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 22.50 | 7.15 |
| 26 05 83 00-0007 | EA | 3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 24.98 | 7.70 |
| 26 05 83 00-0008 | EA | 4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 26.79 | 8.25 |
| 26 05 83 00-0009 | EA | 250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 29.21 | 8.80 |
| 26 05 83 00-0010 | EA | 300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 32.31 | 9.90 |
| 26 05 83 00-0011 | EA | 350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 33.87 | 10.45 |
| 26 05 83 00-0012 | EA | 400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 37.84 | 11.00 |
| 26 05 83 00-0013 | EA | 500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 41.27 | 11.55 |
| 26 05 83 00-0014 | EA | 750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 46.18 | 12.65 |
| 26 05 83 00-0015 | EA | 1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt | 53.66 | 14.29 |
| 26 05 83 00-0016 | | One Hole Compression Lugs *(26 05 83)* | | |
| 26 05 83 00-0017 | EA | #22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 19.18 | 14.29 |
| 26 05 83 00-0018 | EA | #16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 19.34 | 14.29 |
| 26 05 83 00-0019 | EA | #12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 21.89 | 15.40 |
| 26 05 83 00-0020 | EA | #8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 27.31 | 17.05 |
| 26 05 83 00-0021 | EA | #6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 38.24 | 21.99 |
| 26 05 83 00-0022 | EA | #4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 44.63 | 21.99 |
| 26 05 83 00-0023 | EA | #2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 51.35 | 21.99 |
| 26 05 83 00-0024 | EA | 1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 63.11 | 33.00 |
| 26 05 83 00-0025 | EA | 2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 73.84 | 33.00 |
| 26 05 83 00-0026 | EA | 3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 86.36 | 33.00 |
| 26 05 83 00-0027 | EA | 4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug | 104.07 | 44.00 |
| 26 05 83 00-0028 | EA | 250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug | 123.40 | 66.00 |
| 26 05 83 00-0029 | EA | 300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug | 141.17 | 66.00 |
| 26 05 83 00-0030 | EA | 350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug | 151.68 | 66.00 |
| 26 05 83 00-0031 | EA | 400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug | 165.34 | 77.00 |
| 26 05 83 00-0032 | EA | 500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug | 180.82 | 77.00 |
| 26 05 83 00-0033 | EA | 750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug | 196.43 | 87.99 |
| 26 05 83 00-0034 | EA | 1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug | 231.66 | 98.99 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 05 83 00-0035** | | **Two Hole Compression Lugs** *(26 05 83)* | | |
| 26 05 83 00-0036 | EA | #8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug | 39.27 | 18.70 |
| 26 05 83 00-0037 | EA | #6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug | 42.23 | 19.91 |
| 26 05 83 00-0038 | EA | #4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug | 44.45 | 19.91 |
| 26 05 83 00-0039 | EA | #2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug | 51.15 | 22.88 |
| 26 05 83 00-0040 | EA | 1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug | 62.89 | 28.60 |
| 26 05 83 00-0041 | EA | 2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug | 73.62 | 33.98 |
| 26 05 83 00-0042 | EA | 3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug | 86.11 | 39.82 |
| 26 05 83 00-0043 | EA | 4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug | 103.78 | 48.29 |
| 26 05 83 00-0044 | EA | 250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug | 123.06 | 57.31 |
| 26 05 83 00-0045 | EA | 300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug | 140.78 | 65.45 |
| 26 05 83 00-0046 | EA | 350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug | 151.28 | 70.50 |
| 26 05 83 00-0047 | EA | 400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug | 164.86 | 76.34 |
| 26 05 83 00-0048 | EA | 500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug | 180.28 | 83.37 |
| 26 05 83 00-0049 | EA | 750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug | 197.20 | 90.41 |
| 26 05 83 00-0050 | EA | 1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug | 244.71 | 109.99 |
| **26 05 83 00-0051** | | **Tape Wrapped Split Bolt Connectors** *(26 05 83)* | | |
| 26 05 83 00-0052 | EA | #8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 58.28 | 44.00 |
| 26 05 83 00-0053 | EA | #6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 64.09 | 47.30 |
| 26 05 83 00-0054 | EA | #4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 73.10 | 49.50 |
| 26 05 83 00-0055 | EA | #2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 85.04 | 54.99 |
| 26 05 83 00-0056 | EA | 1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 100.60 | 60.50 |
| 26 05 83 00-0057 | EA | 2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 113.40 | 66.00 |
| 26 05 83 00-0058 | EA | 3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 141.97 | 71.49 |
| 26 05 83 00-0059 | EA | 4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 152.35 | 77.00 |
| 26 05 83 00-0060 | EA | 250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 160.65 | 82.49 |
| 26 05 83 00-0061 | EA | 300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 184.19 | 90.74 |
| 26 05 83 00-0062 | EA | 350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 207.73 | 131.99 |
| 26 05 83 00-0063 | EA | 400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 227.86 | 109.99 |
| 26 05 83 00-0064 | EA | 500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 247.98 | 148.49 |
| 26 05 83 00-0065 | EA | 750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 276.76 | 153.99 |
| 26 05 83 00-0066 | EA | 1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt | 315.12 | 164.99 |
| **26 05 83 00-0067** | | **Cable Termination Lugs Handwrapped, No Stress Cone** *(26 05 83)* | | |
| 26 05 83 00-0068 | EA | #8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt | 98.59 | 44.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *23.10* | |
| 26 05 83 00-0069 | EA | #4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt | 109.43 | 44.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.19* | |
| 26 05 83 00-0070 | EA | 1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt | 151.30 | 66.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.67* | |
| 26 05 83 00-0071 | EA | 4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt | 171.40 | 66.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *42.30* | |
| 26 05 83 00-0072 | EA | 300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt | 205.42 | 82.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *50.00* | |
| 26 05 83 00-0073 | EA | 500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt | 287.67 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *68.75* | |
| **26 05 83 00-0074** | | **Terminal Blocks** *(26 05 83)* | | |
| | | Note: Labor excludes wire termination. | | |
| 26 05 83 00-0075 | EA | Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt | 991.28 | 406.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *244.43* | |
| 26 05 83 00-0076 | EA | #22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block | 270.31 | 55.09 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.38* | |
| 26 05 83 00-0077 | EA | #8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block | 299.93 | 55.09 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.73* | |
| **26 05 83 00-0078** | | **Parallel Gutter Tap Or Motor Connection** *(26 05 83)* | | |
| 26 05 83 00-0079 | EA | #8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 39.26 | 19.91 |
| 26 05 83 00-0080 | EA | #6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 42.24 | 19.91 |
| 26 05 83 00-0081 | EA | #4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 44.45 | 19.91 |
| 26 05 83 00-0082 | EA | #2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 51.15 | 22.88 |
| 26 05 83 00-0083 | EA | 1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 62.89 | 28.60 |
| 26 05 83 00-0084 | EA | 2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 73.62 | 33.98 |
| 26 05 83 00-0085 | EA | 3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 86.11 | 39.82 |
| 26 05 83 00-0086 | EA | 4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 103.78 | 48.29 |
| 26 05 83 00-0087 | EA | 250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 123.06 | 57.31 |
| 26 05 83 00-0088 | EA | 300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 140.78 | 65.45 |
| 26 05 83 00-0089 | EA | 350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 151.28 | 70.50 |
| 26 05 83 00-0090 | EA | 400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 164.86 | 76.34 |
| 26 05 83 00-0091 | EA | 500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 180.28 | 83.37 |
| 26 05 83 00-0092 | EA | 750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap | 180.77 | 83.37 |
| 26 05 83 00-0093 | EA | #8 AWG Parallel Gutter Tap, Versitap, Insulating Cover | 39.26 | 19.91 |
| 26 05 83 00-0094 | EA | #6 AWG Parallel Gutter Tap, Versitap, Insulating Cover | 42.24 | 19.91 |
| 26 05 83 00-0095 | EA | #4 AWG Parallel Gutter Tap, Versitap, Insulating Cover | 44.45 | 19.91 |
| 26 05 83 00-0096 | EA | #2 AWG Parallel Gutter Tap, Versitap, Insulating Cover | 51.15 | 22.88 |
| 26 05 83 00-0097 | EA | 1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover | 62.89 | 28.60 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 83 00-0098 | EA | 2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover | 73.62 | 33.98 |
| 26 05 83 00-0099 | EA | 3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover | 86.11 | 39.82 |
| 26 05 83 00-0100 | EA | 4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover | 103.78 | 48.29 |
| 26 05 83 00-0101 | EA | 250 MCM Parallel Gutter Tap, Versitap, Insulating Cover | 123.06 | 57.31 |
| 26 05 83 00-0102 | EA | 300 MCM Parallel Gutter Tap, Versitap, Insulating Cover | 140.78 | 65.45 |
| 26 05 83 00-0103 | EA | 350 MCM Parallel Gutter Tap, Versitap, Insulating Cover | 151.28 | 70.50 |
| 26 05 83 00-0104 | EA | 400 MCM Parallel Gutter Tap, Versitap, Insulating Cover | 164.86 | 76.34 |
| 26 05 83 00-0105 | EA | 500 MCM Parallel Gutter Tap, Versitap, Insulating Cover | 180.28 | 83.37 |
| 26 05 83 00-0106 | EA | 750 MCM Parallel Gutter Tap, Versitap, Insulating Cover | 180.77 | 83.37 |

## 26 05 83 00-0107 Copper Mechanical Lugs *(26 05 83)*

| | | | | |
|---|---|---|---|---|
| 26 05 83 00-0108 | EA | #8 Copper Mechanical Lugs | 30.70 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 05 83 00-0109 | EA | #6 Copper Mechanical Lugs | 36.87 | 16.61 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.96* | |
| 26 05 83 00-0110 | EA | #4 Copper Mechanical Lugs | 42.63 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 05 83 00-0111 | EA | #2 Copper Mechanical Lugs | 55.59 | 24.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.73* | |
| 26 05 83 00-0112 | EA | 1/0 Copper Mechanical Lugs | 74.86 | 33.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 05 83 00-0113 | EA | 2/0 Copper Mechanical Lugs | 88.95 | 38.27 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *23.00* | |
| 26 05 83 00-0114 | EA | 3/0 Copper Mechanical Lugs | 103.78 | 44.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 05 83 00-0115 | EA | 4/0 Copper Mechanical Lugs | 117.92 | 49.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *29.60* | |
| 26 05 83 00-0116 | EA | 250 MCM Copper Mechanical Lugs | 134.60 | 54.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 05 83 00-0117 | EA | 300 MCM Copper Mechanical Lugs | 151.02 | 60.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.31* | |
| 26 05 83 00-0118 | EA | 350 MCM Copper Mechanical Lugs | 167.36 | 66.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 05 83 00-0119 | EA | 400 MCM Copper Mechanical Lugs | 183.59 | 71.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *42.86* | |
| 26 05 83 00-0120 | EA | 500 MCM Copper Mechanical Lugs | 200.09 | 77.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *46.20* | |
| 26 05 83 00-0121 | EA | 750 MCM Copper Mechanical Lugs | 226.90 | 87.66 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.63* | |
| 26 05 83 00-0122 | EA | 1,000 MCM Copper Mechanical Lugs | 256.79 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |

## 26 05 83 00-0123 Gel Connectors *(26 05 83)*

| | | | | |
|---|---|---|---|---|
| 26 05 83 00-0124 | EA | 3 Port, #14 to 2/0, Push On Gel Stub Splice Kit<br>Note: Kit contains connector, gel filled cap and cap clamp. | 59.17 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.31* | |
| 26 05 83 00-0125 | EA | 4 Port, #14 to 2, Gel Tap Splice Kit | 57.15 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.97* | |

## 26 05 83 00-0126 Other Connections *(26 05 83)*

| | | | | |
|---|---|---|---|---|
| 26 05 83 00-0127 | EA | #14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape | 11.05 | 5.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |
| 26 05 83 00-0128 | EA | #12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape | 11.15 | 5.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |
| 26 05 83 00-0129 | EA | #10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape | 11.25 | 5.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.02* | |

## 26 05 83 00-0130 Motor/Equipment Connections And Terminations *(26 05 83)*

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.

### 26 05 83 00-0131 AC Single Phase, 230 Volt *(26 05 83 00-0130)*

| | | | | |
|---|---|---|---|---|
| 26 05 83 00-0132 | EA | <1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 71.35 | 27.50 |
| 26 05 83 00-0133 | EA | 1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 70.81 | 27.50 |
| 26 05 83 00-0134 | EA | 3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 82.46 | 33.00 |
| 26 05 83 00-0135 | EA | 1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 100.17 | 41.25 |
| 26 05 83 00-0136 | EA | 1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 101.27 | 41.25 |
| 26 05 83 00-0137 | EA | 2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 101.49 | 41.25 |
| 26 05 83 00-0138 | EA | 3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 105.11 | 41.25 |
| 26 05 83 00-0139 | EA | 5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 133.05 | 54.99 |
| 26 05 83 00-0140 | EA | 7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 137.12 | 54.99 |
| 26 05 83 00-0141 | EA | 10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 173.73 | 68.75 |

### 26 05 83 00-0142 AC Three Phase, 230 Volt *(26 05 83 00-0130)*

| | | | | |
|---|---|---|---|---|
| 26 05 83 00-0143 | EA | 1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 70.81 | 27.50 |
| 26 05 83 00-0144 | EA | 3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 82.46 | 33.00 |
| 26 05 83 00-0145 | EA | 1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 100.17 | 41.25 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 05 83 00-0146 | EA | 1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 101.27 | 41.25 |
| 26 05 83 00-0147 | EA | 2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 101.49 | 41.25 |
| 26 05 83 00-0148 | EA | 3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 105.11 | 41.25 |
| 26 05 83 00-0149 | EA | 5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 133.05 | 54.99 |
| 26 05 83 00-0150 | EA | 7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 137.12 | 54.99 |
| 26 05 83 00-0151 | EA | 10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 173.73 | 68.75 |
| 26 05 83 00-0152 | EA | 15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 179.22 | 68.75 |
| 26 05 83 00-0153 | EA | 20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 228.35 | 82.49 |
| 26 05 83 00-0154 | EA | 25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 236.71 | 82.49 |
| 26 05 83 00-0155 | EA | 30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 324.32 | 109.99 |
| 26 05 83 00-0156 | EA | 40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 406.77 | 137.49 |
| 26 05 83 00-0157 | EA | 50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 477.81 | 164.99 |
| 26 05 83 00-0158 | EA | 60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 570.79 | 192.49 |
| 26 05 83 00-0159 | EA | 75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 656.77 | 219.99 |
| 26 05 83 00-0160 | EA | 100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 814.09 | 274.98 |
| 26 05 83 00-0161 | EA | 125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 960.15 | 327.23 |
| 26 05 83 00-0162 | EA | 150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 1,140.23 | 381.68 |
| 26 05 83 00-0163 | EA | 200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 1,609.92 | 572.40 |
| 26 05 83 00-0164 | | AC Three Phase, 460 Volt *(26 05 83 00-0130)* | | |
| 26 05 83 00-0165 | EA | 1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 70.81 | 27.50 |
| 26 05 83 00-0166 | EA | 3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 82.46 | 33.00 |
| 26 05 83 00-0167 | EA | 1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 100.17 | 41.25 |
| 26 05 83 00-0168 | EA | 1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 101.27 | 41.25 |
| 26 05 83 00-0169 | EA | 2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 101.49 | 41.25 |
| 26 05 83 00-0170 | EA | 3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 105.11 | 41.25 |
| 26 05 83 00-0171 | EA | 5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 133.05 | 54.99 |
| 26 05 83 00-0172 | EA | 7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 137.12 | 54.99 |
| 26 05 83 00-0173 | EA | 10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 173.73 | 68.75 |
| 26 05 83 00-0174 | EA | 15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 179.22 | 68.75 |
| 26 05 83 00-0175 | EA | 20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 228.36 | 82.49 |
| 26 05 83 00-0176 | EA | 25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 236.70 | 82.49 |
| 26 05 83 00-0177 | EA | 30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 324.32 | 109.99 |
| 26 05 83 00-0178 | EA | 40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 407.10 | 137.72 |
| 26 05 83 00-0179 | EA | 50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 477.81 | 164.99 |
| 26 05 83 00-0180 | EA | 60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 570.79 | 192.49 |
| 26 05 83 00-0181 | EA | 75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 656.77 | 219.99 |
| 26 05 83 00-0182 | EA | 100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 814.09 | 274.98 |
| 26 05 83 00-0183 | EA | 125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 960.46 | 327.34 |
| 26 05 83 00-0184 | EA | 150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 1,140.65 | 381.89 |
| 26 05 83 00-0185 | EA | 200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 1,610.87 | 572.85 |
| 26 05 83 00-0186 | | AC Single Phase, 120 Volt *(26 05 83 00-0130)* | | |
| 26 05 83 00-0187 | EA | 1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing | 71.35 | 27.50 |
| 26 05 83 00-0188 | | Motor Moisture Sensor *(26 05 83 00-0130)* | | |
| 26 05 83 00-0189 | EA | Motor Moisture Sensor Located In Winding | 700.08 | |

## 26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

### 26 09 23 Lighting Control Devices *(26 09)*

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0001 | | Lighting Contactors *(26 09 23)*<br>Note: Up to 600 volt. | | |
| 26 09 23 00-0002 | | Electrically Held, Lighting Contactors *(26 09 23 00-0001)* | | |
| 26 09 23 00-0003 | | NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)* | | |
| 26 09 23 00-0004 | | 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)* | | |
| 26 09 23 00-0005 | EA | 20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 474.44 | 87.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.80* | |
| 26 09 23 00-0006 | EA | 30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 588.28 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 09 23 00-0007 | EA | 60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 1,107.45 | 153.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.39* | |
| 26 09 23 00-0008 | EA | 100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 1,730.74 | 208.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *125.39* | |
| 26 09 23 00-0009 | EA | 200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 3,637.14 | 274.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *164.99* | |
| 26 09 23 00-0010 | | 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)* | | |
| 26 09 23 00-0011 | EA | 20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 535.86 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 09 23 00-0012 | EA | 30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 644.73 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0013 | EA | 60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 1,197.37 | 175.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *105.59* | |
| 26 09 23 00-0014 | EA | 100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 1,868.21 | 230.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *138.59* | |
| 26 09 23 00-0015 | EA | 200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 3,902.87 | 302.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *181.49* | |
| 26 09 23 00-0016 | | 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)* | | |
| 26 09 23 00-0017 | EA | 20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 632.26 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0018 | EA | 30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 761.02 | 120.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.59* | |
| 26 09 23 00-0019 | EA | 60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 1,451.27 | 197.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *118.79* | |
| 26 09 23 00-0020 | EA | 100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 2,239.37 | 252.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *151.79* | |
| 26 09 23 00-0021 | EA | 200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor | 4,993.49 | 329.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *197.99* | |
| 26 09 23 00-0022 | | NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)* | | |
| 26 09 23 00-0023 | | 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)* | | |
| 26 09 23 00-0024 | EA | 20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 791.71 | 87.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.80* | |
| 26 09 23 00-0025 | EA | 30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 1,008.93 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 09 23 00-0026 | EA | 60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 1,946.27 | 153.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.39* | |
| 26 09 23 00-0027 | EA | 100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 2,922.15 | 208.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *125.39* | |
| 26 09 23 00-0028 | EA | 200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 5,670.65 | 274.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *164.99* | |
| 26 09 23 00-0029 | | 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)* | | |
| 26 09 23 00-0030 | EA | 20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 819.97 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 09 23 00-0031 | EA | 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 1,065.38 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0032 | EA | 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 2,038.65 | 175.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *105.59* | |
| 26 09 23 00-0033 | EA | 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 3,058.81 | 230.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *138.59* | |
| 26 09 23 00-0034 | EA | 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 5,935.57 | 302.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *181.49* | |
| 26 09 23 00-0035 | | 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)* | | |
| 26 09 23 00-0036 | EA | 20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 885.90 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0037 | EA | 30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 1,181.66 | 120.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.59* | |
| 26 09 23 00-0038 | EA | 60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 2,619.72 | 197.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *118.79* | |
| 26 09 23 00-0039 | EA | 100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 3,757.13 | 252.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *151.79* | |
| 26 09 23 00-0040 | EA | 200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor | 7,928.15 | 329.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *197.99* | |
| 26 09 23 00-0041 | | Mechanically Held, Lighting Contactors *(26 09 23 00-0001)* | | |
| 26 09 23 00-0042 | | NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)* | | |
| 26 09 23 00-0043 | | 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)* | | |
| 26 09 23 00-0044 | EA | 20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 705.67 | 87.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.80* | |
| 26 09 23 00-0045 | EA | 30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 803.12 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 09 23 00-0046 | EA | 60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 1,525.63 | 153.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.39* | |
| 26 09 23 00-0047 | EA | 100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 2,126.78 | 208.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *125.39* | |
| 26 09 23 00-0048 | EA | 200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 4,922.84 | 274.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *164.99* | |
| 26 09 23 00-0049 | | 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)* | | |
| 26 09 23 00-0050 | EA | 20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 753.65 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 09 23 00-0051 | EA | 30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 861.20 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0052 | EA | 60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 1,618.01 | 175.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *105.59* | |
| 26 09 23 00-0053 | EA | 100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 2,265.08 | 230.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *138.59* | |
| 26 09 23 00-0054 | EA | 200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 5,537.06 | 302.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *181.49* | |
| 26 09 23 00-0055 | | 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)* | | |
| 26 09 23 00-0056 | EA | 20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 813.30 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0057 | EA | 30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 917.63 | 120.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.59* | |
| 26 09 23 00-0058 | EA | 60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 1,894.05 | 197.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *118.79* | |
| 26 09 23 00-0059 | EA | 100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 2,660.01 | 252.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *151.79* | |
| 26 09 23 00-0060 | EA | 200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor | 6,689.18 | 329.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *197.99* | |
| 26 09 23 00-0061 | | NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)* | | |
| 26 09 23 00-0062 | | 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)* | | |
| 26 09 23 00-0063 | EA | 20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 1,063.27 | 87.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.80* | |
| 26 09 23 00-0064 | EA | 30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 1,223.76 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 09 23 00-0065 | EA | 60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 2,366.92 | 153.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.39* | |
| 26 09 23 00-0066 | EA | 100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 3,318.19 | 208.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *125.39* | |
| 26 09 23 00-0067 | EA | 200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 6,954.72 | 274.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *164.99* | |
| 26 09 23 00-0068 | | 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)* | | |
| 26 09 23 00-0069 | EA | 20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 1,122.90 | 98.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 09 23 00-0070 | EA | 30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 1,281.85 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0071 | EA | 60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 2,459.30 | 175.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *105.59* | |
| 26 09 23 00-0072 | EA | 100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 3,457.31 | 230.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *138.59* | |
| 26 09 23 00-0073 | EA | 200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 7,570.58 | 302.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *181.49* | |
| 26 09 23 00-0074 | | 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)* | | |
| 26 09 23 00-0075 | EA | 20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 1,187.04 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0076 | EA | 30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 1,338.28 | 120.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.59* | |
| 26 09 23 00-0077 | EA | 60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 3,062.50 | 197.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *118.79* | |
| 26 09 23 00-0078 | EA | 100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 4,177.77 | 252.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *151.79* | |
| 26 09 23 00-0079 | EA | 200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor | 9,563.98 | 329.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *197.99* | |
| 26 09 23 00-0080 | | Combination Lighting Contactors *(26 09 23)* | | |
| | | Note: Up to 600 volt. | | |
| 26 09 23 00-0081 | | Electrically Held, Combination Lighting Contactors *(26 09 23 00-0080)* | | |
| 26 09 23 00-0082 | | NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)* | | |
| 26 09 23 00-0083 | | 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0082)* | | |
| 26 09 23 00-0084 | EA | 30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch | 1,367.38 | 120.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.59* | |
| 26 09 23 00-0085 | EA | 60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch | 2,143.54 | 193.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *116.15* | |
| 26 09 23 00-0086 | EA | 100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch | 3,467.43 | 254.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *152.45* | |
| 26 09 23 00-0087 | EA | 200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch | 6,344.14 | 332.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *199.64* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0088 | | NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)* | | |
| 26 09 23 00-0089 | | 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0088)* | | |
| 26 09 23 00-0090 | EA | 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch | 2,487.87 | 120.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.59* | |
| 26 09 23 00-0091 | EA | 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch | 3,870.39 | 193.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *116.15* | |
| 26 09 23 00-0092 | EA | 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch | 6,480.81 | 254.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *152.45* | |
| 26 09 23 00-0093 | EA | 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch | 10,198.81 | 332.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *199.64* | |
| 26 09 23 00-0094 | | Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0080)* | | |
| 26 09 23 00-0095 | | NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)* | | |
| 26 09 23 00-0096 | | 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0095)* | | |
| 26 09 23 00-0097 | EA | 30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch | 1,495.30 | 120.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.59* | |
| 26 09 23 00-0098 | EA | 60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch | 2,586.32 | 193.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *116.15* | |
| 26 09 23 00-0099 | EA | 100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch | 3,886.84 | 254.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *152.45* | |
| 26 09 23 00-0100 | EA | 200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch | 7,535.96 | 332.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *199.64* | |
| 26 09 23 00-0101 | | NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)* | | |
| 26 09 23 00-0102 | | 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0101)* | | |
| 26 09 23 00-0103 | EA | 30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch | 2,617.01 | 120.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *72.59* | |
| 26 09 23 00-0104 | EA | 60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch | 4,315.63 | 193.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *116.15* | |
| 26 09 23 00-0105 | EA | 100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch | 6,901.45 | 254.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *152.45* | |
| 26 09 23 00-0106 | EA | 200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch | 11,390.63 | 332.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *199.64* | |
| 26 09 23 00-0107 | | Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket *(26 09 23)* | | |
| 26 09 23 00-0108 | EA | 105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket | 132.64 | 28.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.19* | |
| 26 09 23 00-0109 | EA | 105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket | 145.12 | 28.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.19* | |
| 26 09 23 00-0110 | | Dimming Module System (Lutron Grafik Eye) *(26 09 23)* | | |
| 26 09 23 00-0111 | EA | 2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2) | 1,531.78 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0112 | EA | 4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4) | 1,977.30 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0113 | EA | 6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6) | 2,430.76 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.00* | |
| 26 09 23 00-0114 | | Dimming Module Contol (Leviton) *(26 09 23)* | | |
| 26 09 23 00-0115 | EA | 5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0) | 198.21 | 13.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.27* | |
| 26 09 23 00-0116 | | Light Control Panels *(26 09 23)* | | |
| 26 09 23 00-0117 | | Lighting Control Panels (Watt Stopper) *(26 09 23 00-0116)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 09 23 00-0118** | | **Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0117)* | | |
| 26 09 23 00-0119 | EA | 4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4) | 1,570.64 | 154.26 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.56* | |
| 26 09 23 00-0120 | EA | 8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8) | 1,477.87 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| 26 09 23 00-0121 | EA | 8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G) | 1,657.22 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| 26 09 23 00-0122 | EA | 8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8) | 2,459.86 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| 26 09 23 00-0123 | EA | 8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G) | 2,670.43 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| 26 09 23 00-0124 | EA | 4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4) | 1,743.13 | 154.26 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.56* | |
| 26 09 23 00-0125 | EA | 8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8) | 1,870.36 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| 26 09 23 00-0126 | EA | 8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G) | 2,080.72 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| 26 09 23 00-0127 | EA | 8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8) | 2,544.01 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| 26 09 23 00-0128 | EA | 8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G) | 2,754.57 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| **26 09 23 00-0129** | | **Accessories For Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0117)* | | |
| 26 09 23 00-0130 | EA | Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2) | 155.08 | 27.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.53* | |
| 26 09 23 00-0131 | EA | Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W) | 119.56 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0132 | EA | Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2) | 65.45 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| **26 09 23 00-0133** | | **Lighting Control Panels (Synergy)** *(26 09 23 00-0116)* | | |
| **26 09 23 00-0134** | | **Lighting Control Panels (Synergy)** *(26 09 23 00-0133)* | | |
| 26 09 23 00-0135 | EA | 8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S) | 2,430.35 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| **26 09 23 00-0136** | | **Accessories For Lighting Control Panels (Synergy)** *(26 09 23 00-0133)* | | |
| 26 09 23 00-0137 | EA | Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL) | 595.35 | 27.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.53* | |
| 26 09 23 00-0138 | EA | Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20) | 230.61 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0139 | EA | Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT) | 131.22 | 16.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.92* | |
| **26 09 23 00-0140** | | **Lighting Switching Panels (Lutron)** *(26 09 23 00-0116)* | | |
| **26 09 23 00-0141** | | **Lighting Switching Panels (Lutron)** *(26 09 23 00-0140)* | | |
| 26 09 23 00-0142 | EA | 8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT) | 1,979.45 | 165.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.17* | |
| 26 09 23 00-0143 | EA | 12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT) | 2,711.10 | 176.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *105.78* | |
| 26 09 23 00-0144 | EA | 16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT) | 3,547.67 | 187.32 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *112.39* | |
| **26 09 23 00-0145** | | **Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera)** *(26 09 23 00-0116)* | | |
| 26 09 23 00-0146 | EA | 6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z) | 1,326.66 | 154.26 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.56* | |
| 26 09 23 00-0147 | EA | 12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z) | 1,511.78 | 154.26 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.56* | |
| 26 09 23 00-0148 | EA | 18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z) | 1,696.89 | 154.26 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *92.56* | |
| **26 09 23 00-0149** | | **Power Filters** *(26 09 23 00-0116)* | | |
| 26 09 23 00-0150 | EA | 600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure | 39,218.35 | 916.57 |
| 26 09 23 00-0151 | EA | 200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure | 23,228.13 | 398.50 |
| **26 09 23 00-0152** | | **Signal Filters** *(26 09 23 00-0116)* | | |
| 26 09 23 00-0153 | EA | 0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case | 17,866.78 | 833.31 |
| 26 09 23 00-0154 | EA | 0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case | 12,233.99 | 509.27 |
| 26 09 23 00-0155 | EA | 0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case | 6,822.21 | 295.66 |
| 26 09 23 00-0156 | EA | 5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case | 9,314.56 | 295.66 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0157 | | Lighting Control Devices (Encelium) *(26 09 23)* | | |
| 26 09 23 00-0158 | EA | 8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120V) With Polaris 3D™ (Encelium EN-ECU-G4-P3D)<br>Note: Excludes GB II cable. | 14,022.96 | 110.19 |
| 26 09 23 00-0159 | EA | Server, System Support Unit (SSU) (Encelium EN-SSU-1U)<br>Note: Excludes GB II and Ethernet cable. | 6,412.30 | 110.19 |
| 26 09 23 00-0160 | EA | Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT)<br>Note: Excludes GB II and Ethernet cable. | 3,338.72 | 110.19 |
| 26 09 23 00-0161 | EA | Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT)<br>Note: Excludes GB II and Ethernet cable. | 14,105.42 | 110.19 |
| 26 09 23 00-0162 | EA | Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK)<br>Note: Excludes GB II cable. | 111.27 | 13.78 |
| 26 09 23 00-0163 | EA | Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR)<br>Note: Excludes GB II cable. | 172.17 | 13.78 |
| 26 09 23 00-0164 | EA | Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK)<br>Note: Excludes GB II cable. | 216.92 | 27.55 |
| 26 09 23 00-0165 | EA | Damp Rated, Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR)<br>Note: Excludes GB II cable. | 261.68 | 27.55 |
| 26 09 23 00-0166 | EA | Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK)<br>Note: Excludes GB II cable. | 138.81 | 27.55 |
| 26 09 23 00-0167 | EA | Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR)<br>Note: Excludes GB II cable. | 199.71 | 27.55 |
| 26 09 23 00-0168 | EA | 16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700)<br>Note: Excludes cable. | 502.70 | 55.09 |
| 26 09 23 00-0169 | EA | Rack Mounted, Wired Power Bar (Encelium PWR-700) | 377.60 | 55.09 |
| 26 09 23 00-0170 | EA | Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800) | 692.09 | 55.09 |
| 26 09 23 00-0171 | EA | Wall Mounted, 4U Mounting Rack (Encelium RCK-700) | 236.23 | 55.09 |
| 26 09 23 00-0172 | EA | 4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042)<br>Note: Excludes cable. | 775.86 | 55.09 |
| 26 09 23 00-0173 | EA | Wired BACnet Interface (Encelium BIF-600)<br>Note: Excludes cable. | 8,133.87 | 220.38 |
| 26 09 23 00-0174 | EA | Wired AV Interface (Encelium EN-SW-AVINT)<br>Note: Excludes cable. | 6,020.91 | 55.09 |
| 26 09 23 00-0175 | EA | Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH)<br>Note: Includes white finish. Excludes GB II cable. | 225.53 | 13.78 |
| 26 09 23 00-0176 | EA | 3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH)<br>Note: Includes white finish. Excludes GB II cable. | 275.00 | 13.78 |
| 26 09 23 00-0177 | EA | 3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH)<br>Note: Includes white finish. Excludes GB II cable. | 263.07 | 13.78 |
| 26 09 23 00-0178 | EA | 5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH)<br>Note: Includes white finish. Excludes GB II cable. | 275.00 | 13.78 |
| 26 09 23 00-0179 | EA | 6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH)<br>Note: Includes white finish. Excludes GB II cable. | 263.07 | 13.78 |
| 26 09 23 00-0180 | EA | Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT)<br>Note: Includes white finish. Excludes GB II cable. | 198.79 | 13.78 |
| 26 09 23 00-0181 | EA | Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT)<br>Note: Includes white finish. Excludes GB II cable. | 275.00 | 13.78 |
| 26 09 23 00-0182 | EA | 3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT)<br>Note: Includes white finish. Excludes GB II cable. | 263.07 | 13.78 |
| 26 09 23 00-0183 | EA | Wired Key Switch Controller (Encelium KSW-300)<br>Note: Excludes GB II cable. | 193.98 | 13.78 |
| 26 09 23 00-0184 | EA | Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH)<br>Note: Includes white finish. | 82.64 | 13.78 |
| 26 09 23 00-0185 | EA | 1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2) | 67.61 | 27.55 |
| 26 09 23 00-0186 | EA | 1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2) | 68.14 | 27.55 |
| 26 09 23 00-0187 | EA | 5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2) | 72.35 | 27.55 |
| 26 09 23 00-0188 | EA | 10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2) | 76.51 | 27.55 |
| 26 09 23 00-0189 | EA | 15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2) | 81.48 | 27.55 |
| 26 09 23 00-0190 | EA | 20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2) | 85.96 | 27.55 |
| 26 09 23 00-0191 | EA | 25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2) | 91.46 | 27.55 |
| 26 09 23 00-0192 | EA | 50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2) | 116.34 | 27.55 |
| 26 09 23 00-0193 | EA | 1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2) | 745.13 | 27.55 |
| 26 09 23 00-0194 | EA | Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2) | 181.34 | 27.55 |
| 26 09 23 00-0195 | EA | 1,000' Box, Category 5, Network Cable (Encelium NWC-400-B) | 961.78 | 27.55 |
| 26 09 23 00-0196 | EA | Indoor Wired Photo Sensor (Encelium PHS-700)<br>Note: Excludes GB II cable. | 563.55 | 55.09 |
| 26 09 23 00-0197 | EA | Outdoor Wired Photo Sensor (Encelium PHS-800)<br>Note: Excludes GB II cable. | 563.55 | 55.09 |
| 26 09 23 00-0198 | EA | Skylight Wired Photo Sensor (Encelium PHS-900)<br>Note: Excludes GB II cable. | 563.55 | 55.09 |
| 26 09 23 00-0199 | EA | 450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450)<br>Note: Excludes GB II cable. | 293.97 | 55.09 |
| 26 09 23 00-0200 | EA | 1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500)<br>Note: Excludes GB II cable. | 284.92 | 55.09 |
| 26 09 23 00-0201 | EA | 2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00)<br>Note: Excludes GB II cable. | 290.95 | 55.09 |
| 26 09 23 00-0202 | EA | High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY)<br>Note: Excludes GB II cable. | 321.08 | 55.09 |
| 26 09 23 00-0203 | EA | Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG)<br>Note: Excludes GB II cable. | 290.95 | 55.09 |
| 26 09 23 00-0204 | EA | 120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV)<br>Note: Excludes GB II cable. | 230.71 | 55.09 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0205 | EA | High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPEM24V)<br>Note: Excludes GB II cable. | 244.48 | 55.09 |
| 26 09 23 00-0206 | EA | High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V)<br>Note: Excludes GB II cable. | 244.48 | 55.09 |
| 26 09 23 00-0207 | EA | 360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360)<br>Note: Excludes GB II cable. | 129.71 | 55.09 |
| 26 09 23 00-0208 | EA | Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24)<br>Note: Excludes GB II cable. | 298.41 | 55.09 |
| 26 09 23 00-0209 | EA | Hallway, Wired Occupancy Sensor (Encelium HW-13)<br>Note: Excludes GB II cable. | 421.22 | 55.09 |
| 26 09 23 00-0210 | EA | 500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500)<br>Note: Excludes GB II cable. | 369.28 | 55.09 |
| 26 09 23 00-0211 | EA | 1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000)<br>Note: Excludes GB II cable. | 393.38 | 55.09 |
| 26 09 23 00-0212 | EA | 2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000)<br>Note: Excludes GB II cable. | 405.44 | 55.09 |
| 26 09 23 00-0213 | EA | 1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200)<br>Note: Excludes GB II cable. | 366.27 | 55.09 |
| 26 09 23 00-0214 | EA | 120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV)<br>Note: Excludes GB II cable. | 306.02 | 55.09 |
| 26 09 23 00-0215 | EA | 500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W)<br>Note: Excludes GB II cable. | 382.24 | 55.09 |
| 26 09 23 00-0216 | EA | 1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W)<br>Note: Excludes GB II cable. | 379.08 | 55.09 |
| 26 09 23 00-0217 | EA | 2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W)<br>Note: Excludes GB II cable. | 420.20 | 55.09 |
| 26 09 23 00-0218 | EA | 1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W)<br>Note: Excludes GB II cable. | 407.56 | 55.09 |
| 26 09 23 00-0219 | EA | Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24)<br>Note: Excludes GB II cable. | 438.44 | 55.09 |
| 26 09 23 00-0220 | EA | Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV)<br>Note: Excludes GB II cable. | 407.68 | 55.09 |
| 26 09 23 00-0221 | EA | Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT)<br>Note: Excludes GB II cable. | 407.68 | 55.09 |
| 26 09 23 00-0222 | EA | 10A, 120V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C) | 268.84 | 55.09 |
| 26 09 23 00-0223 | EA | 10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C) | 287.78 | 55.09 |
| 26 09 23 00-0224 | EA | 20A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P) | 502.28 | 55.09 |
| 26 09 23 00-0225 | EA | 20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P) | 537.05 | 55.09 |
| 26 09 23 00-0226 | EA | 10A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D) | 396.78 | 55.09 |
| 26 09 23 00-0227 | EA | 10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D) | 413.58 | 55.09 |
| 26 09 23 00-0228 | EA | 24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2)<br>Note: Excludes GB II cable and enclosure. | 1,184.46 | 110.19 |
| 26 09 23 00-0229 | EA | 24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V)<br>Note: Excludes GB II cable. | 3,704.90 | 440.76 |
| 26 09 23 00-0230 | EA | 12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V)<br>Note: Excludes GB II cable. | 5,398.94 | 440.76 |
| 26 09 23 00-0231 | EA | 24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V)<br>Note: Excludes GB II cable. | 7,092.95 | 440.76 |
| 26 09 23 00-0232 | EA | Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2)<br>Note: Excludes GB II cable. | 592.23 | 55.09 |
| 26 09 23 00-0233 | EA | Wired DALI Bridge (Encelium EN-DB-1L-GB2)<br>Note: Excludes GB II cable. | 678.32 | 55.09 |
| 26 09 23 00-0234 | EA | Wireless Manager (Encelium EN-WM-ZB-P3D)<br>Note: Includes white finish. | 1,831.76 | 55.09 |
| 26 09 23 00-0235 | EA | Wireless Control Module (Encelium EN-WCM-ZB) | 250.20 | 27.55 |
| 26 09 23 00-0236 | EA | Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR) | 296.11 | 27.55 |
| 26 09 23 00-0237 | EA | Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK) | 297.26 | 27.55 |
| 26 09 23 00-0238 | EA | Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR) | 308.08 | 27.55 |
| 26 09 23 00-0239 | EA | 2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0240 | EA | 3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0241 | EA | 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0242 | EA | 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0243 | EA | 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0244 | EA | Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) | 230.12 | 13.78 |
| 26 09 23 00-0245 | EA | 315 MHz, Wireless Photocell (Encelium TAP-17C) | 488.94 | 55.09 |
| 26 09 23 00-0246 | EA | 450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB) | 305.30 | 55.09 |
| 26 09 23 00-0247 | EA | 1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB) | 305.30 | 55.09 |
| 26 09 23 00-0248 | EA | 1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR) | 351.21 | 55.09 |
| 26 09 23 00-0249 | EA | 450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR) | 351.21 | 55.09 |
| 26 09 23 00-0250 | EA | 2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0251 | EA | 3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0252 | EA | 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0253 | EA | 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0254 | EA | 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0255 | EA | Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)<br>Note: Includes white finish. | 230.12 | 13.78 |
| 26 09 23 00-0256 | EA | 315 MHz, Wireless Photocell (Encelium TAP-17C) | 488.94 | 55.09 |
| 26 09 23 00-0257 | EA | 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) | 222.66 | 13.78 |
| 26 09 23 00-0258 | EA | 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) | 222.66 | 13.78 |
| 26 09 23 00-0259 | EA | 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) | 222.66 | 13.78 |
| 26 09 23 00-0260 | EA | Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) | 230.12 | 13.78 |
| 26 09 23 00-0261 | EA | 315 MHz, Wireless Photocell (Encelium TAP-17C) | 488.94 | 55.09 |
| 26 09 23 00-0262 | EA | 450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB) | 305.30 | 55.09 |
| 26 09 23 00-0263 | EA | 1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB) | 305.30 | 55.09 |
| 26 09 23 00-0264 | EA | 1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR) | 351.21 | 55.09 |
| 26 09 23 00-0265 | EA | 450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR) | 351.21 | 55.09 |
| 26 09 23 00-0266 | EA | 2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0267 | EA | 3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0268 | EA | 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0269 | EA | 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0270 | EA | 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)<br>Note: Includes white finish. | 222.66 | 13.78 |
| 26 09 23 00-0271 | EA | Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) | 230.12 | 13.78 |
| 26 09 23 00-0272 | EA | 315 MHz, Wireless Photocell (Encelium TAP-17C) | 488.94 | 55.09 |
| 26 09 23 00-0273 | EA | Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB) | 136.58 | 55.09 |
| 26 09 23 00-0274 | EA | Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit) | 640.04 | 55.09 |
| **26 09 23 00-0275** | | **Lighting Control Sensors** *(26 09 23)* | | |
| 26 09 23 00-0276 | EA | DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI) | 341.14 | 24.79 |
| 26 09 23 00-0277 | EA | DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI) | 341.14 | 24.79 |
| 26 09 23 00-0278 | EA | Smart Multi-sensor (LG 9SD131VVDA.ALWB000) | 298.83 | 24.79 |
| 26 09 23 00-0279 | EA | Zigbee Dongle (LG 9CM2315VD2.AWP01U) | 90.04 | 16.53 |
| 26 09 23 00-0280 | EA | Clip for Performance Troffer (LG BKTTR015122.BUAAWAA) | 7.28 | |
| 26 09 23 00-0281 | EA | Clip for Downlight (BKTCE015123.BUAAWAA) | 58.62 | |
| 26 09 23 00-0282 | EA | Clip for Tube (LG BKTTU015121.BUAAWAA) | 10.36 | |
| **26 09 23 00-0283** | | **Radio Controlled Devices (Lutron)** *(26 09 23)* | | |
| **26 09 23 00-0284** | | **Tabletop Transmitters For Radio Controlled Devices** *(26 09 23 00-0283)* | | |
| **26 09 23 00-0285** | | **Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)* | | |
| 26 09 23 00-0286 | EA | One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH) | 449.19 | 16.53 |
| 26 09 23 00-0287 | EA | Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH) | 584.11 | 16.53 |
| 26 09 23 00-0288 | EA | Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH) | 735.90 | 16.53 |
| **26 09 23 00-0289** | | **Dimmable Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)* | | |
| 26 09 23 00-0290 | EA | One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH) | 449.19 | 16.53 |
| 26 09 23 00-0291 | EA | Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH) | 533.51 | 16.53 |
| 26 09 23 00-0292 | EA | Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH) | 735.90 | 16.53 |
| 26 09 23 00-0293 | EA | One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH) | 449.19 | 16.53 |
| 26 09 23 00-0294 | EA | Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH) | 584.11 | 16.53 |
| 26 09 23 00-0295 | EA | Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH) | 735.90 | 16.53 |
| **26 09 23 00-0296** | | **Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)* | | |
| 26 09 23 00-0297 | EA | One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH) | 584.11 | 16.53 |
| 26 09 23 00-0298 | EA | Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH) | 735.90 | 16.53 |
| 26 09 23 00-0299 | EA | One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH) | 735.90 | 16.53 |
| **26 09 23 00-0300** | | **Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)* | | |
| 26 09 23 00-0301 | EA | One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH) | 449.19 | 16.53 |
| 26 09 23 00-0302 | EA | Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH) | 584.11 | 16.53 |
| 26 09 23 00-0303 | EA | One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH) | 533.51 | 16.53 |
| 26 09 23 00-0304 | EA | Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH) | 651.57 | 16.53 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0305 | EA | One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH) | 584.11 | 16.53 |
| 26 09 23 00-0306 | EA | Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH) | 702.17 | 16.53 |
| 26 09 23 00-0307 | EA | One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH) | 584.11 | 16.53 |
| 26 09 23 00-0308 | | Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)* | | |
| 26 09 23 00-0309 | EA | One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH) | 449.19 | 16.53 |
| 26 09 23 00-0310 | EA | Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH) | 584.11 | 16.53 |
| 26 09 23 00-0311 | EA | One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH) | 584.11 | 16.53 |
| 26 09 23 00-0312 | EA | Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH) | 735.90 | 16.53 |
| 26 09 23 00-0313 | EA | One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH) | 584.11 | 16.53 |
| 26 09 23 00-0314 | EA | One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH) | 735.90 | 16.53 |
| 26 09 23 00-0315 | | Output Switch Closure Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)* | | |
| 26 09 23 00-0316 | EA | Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH) | 449.19 | 16.53 |
| 26 09 23 00-0317 | EA | Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH) | 584.11 | 16.53 |
| 26 09 23 00-0318 | EA | Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH) | 735.90 | 16.53 |
| 26 09 23 00-0319 | | Accessories For Tabletop Wireless Transmitter *(26 09 23 00-0284)* | | |
| 26 09 23 00-0320 | EA | Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH) | 95.01 | 16.53 |
| 26 09 23 00-0321 | | Wall Box Transmitters For Radio Controlled Devices *(26 09 23 00-0283)* | | |
| 26 09 23 00-0322 | EA | On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH) | 415.46 | 16.53 |
| 26 09 23 00-0323 | EA | Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH) | 449.19 | 16.53 |
| 26 09 23 00-0324 | EA | Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH) | 449.19 | 16.53 |
| 26 09 23 00-0325 | EA | Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH) | 449.19 | 16.53 |
| 26 09 23 00-0326 | EA | Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH) | 449.19 | 16.53 |
| 26 09 23 00-0327 | EA | Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH) | 449.19 | 16.53 |
| 26 09 23 00-0328 | | Interfaces For Radio Controlled Devices *(26 09 23 00-0283)* | | |
| 26 09 23 00-0329 | EA | Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000) | 415.46 | 16.53 |
| 26 09 23 00-0330 | EA | Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000) | 415.46 | 16.53 |
| 26 09 23 00-0331 | EA | Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000) | 415.46 | 16.53 |
| 26 09 23 00-0332 | EA | Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8) | 843.84 | 16.53 |
| 26 09 23 00-0333 | EA | RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232) | 1,208.13 | 16.53 |
| 26 09 23 00-0334 | EA | Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI) | 1,208.13 | 16.53 |
| 26 09 23 00-0335 | | Fluorescent Controllers For Radio Controlled Devices *(26 09 23 00-0283)* | | |
| 26 09 23 00-0336 | EA | On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW) | 533.51 | 16.53 |
| 26 09 23 00-0337 | EA | Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F) | 600.98 | 16.53 |
| 26 09 23 00-0338 | EA | Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC) | 702.17 | 16.53 |
| 26 09 23 00-0339 | | AC Motor Group Controllers For Radio Controlled Devices *(26 09 23 00-0283)* | | |
| 26 09 23 00-0340 | EA | Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC) | 786.50 | 16.53 |
| 26 09 23 00-0341 | EA | Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC) | 1,081.64 | 16.53 |
| 26 09 23 00-0342 | | Removal And Reinstallation Of Occupancy Sensors *(26 09 23)* | | |
| 26 09 23 00-0343 | EA | Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor<br>Note: Includes storing and cleaning. | 74.37 | |
| 26 09 23 00-0344 | EA | Removal And Reinstallation Of Wall Mounted Occupancy Sensor<br>Note: Includes storing and cleaning. | 49.59 | |
| 26 09 23 00-0345 | | Occupancy Sensors (Watt Stopper) *(26 09 23)*<br>Note: Includes testing of new devices and certification. | | |
| 26 09 23 00-0346 | | Occupancy Sensors *(26 09 23 00-0345)*<br>Note: Exclude boxes. | | |
| 26 09 23 00-0347 | | Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0346)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 09 23 00-0348** | | **Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0347)* | | |
| 26 09 23 00-0349 | EA | Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100) | 110.64 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0350 | EA | Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200) | 130.26 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| **26 09 23 00-0351** | | **Passive Infrared, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0347)* | | |
| 26 09 23 00-0352 | EA | Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100) | 91.67 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0353 | EA | Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS) | 85.72 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0354 | EA | Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100) | 96.82 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0355 | EA | Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200) | 111.82 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0356 | EA | Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD) | 110.59 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| **26 09 23 00-0357** | | **Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0347)* | | |
| 26 09 23 00-0358 | EA | Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100) | 160.14 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0359 | EA | Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200) | 172.55 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| **26 09 23 00-0360** | | **Wall Switch Mounted Occupancy Sensor Accessories** *(26 09 23 00-0347)* | | |
| 26 09 23 00-0361 | EA | Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) | 6.69 | 2.75 |
| 26 09 23 00-0362 | EA | One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) | 7.68 | 2.75 |
| 26 09 23 00-0363 | EA | Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) | 7.68 | 2.75 |
| **26 09 23 00-0364** | | **Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0346)* | | |
| **26 09 23 00-0365** | | **Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0364)* | | |
| **26 09 23 00-0366** | | **25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0365)* | | |
| 26 09 23 00-0367 | EA | 500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A) | 147.81 | 24.79 |
| 26 09 23 00-0368 | EA | 1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A) | 169.16 | 24.79 |
| 26 09 23 00-0369 | EA | 2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A) | 190.66 | 24.79 |
| 26 09 23 00-0370 | EA | 90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H) | 188.71 | 24.79 |
| **26 09 23 00-0371** | | **32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0365)* | | |
| 26 09 23 00-0372 | EA | 600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605) | 160.44 | 24.79 |
| 26 09 23 00-0373 | EA | 1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105) | 182.09 | 24.79 |
| 26 09 23 00-0374 | EA | 2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205) | 202.59 | 24.79 |
| 26 09 23 00-0375 | EA | 90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255) | 206.06 | 24.79 |
| 26 09 23 00-0376 | EA | 600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600) | 173.38 | 24.79 |
| 26 09 23 00-0377 | EA | 1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100) | 195.57 | 24.79 |
| 26 09 23 00-0378 | EA | 2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200) | 217.67 | 24.79 |
| 26 09 23 00-0379 | EA | 90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250) | 224.03 | 24.79 |
| **26 09 23 00-0380** | | **40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0365)* | | |
| 26 09 23 00-0381 | EA | 500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1) | 166.70 | 24.79 |
| 26 09 23 00-0382 | EA | 1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2) | 192.56 | 24.79 |
| 26 09 23 00-0383 | EA | 2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3) | 214.21 | 24.79 |
| 26 09 23 00-0384 | EA | 500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1) | 157.17 | 24.79 |
| 26 09 23 00-0385 | EA | 1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2) | 189.77 | 24.79 |
| 26 09 23 00-0386 | EA | 2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3) | 200.32 | 24.79 |
| 26 09 23 00-0387 | EA | 500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1) | 168.04 | 24.79 |
| 26 09 23 00-0388 | EA | 1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2) | 186.81 | 24.79 |
| 26 09 23 00-0389 | EA | 2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3) | 209.98 | 24.79 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 09 23 00-0390** | | **Passive Infrared, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0364)* | | |
| 26 09 23 00-0391 | EA | 30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR) | 122.90 | 24.79 |
| 26 09 23 00-0392 | EA | HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24) | 125.42 | 24.79 |
| 26 09 23 00-0393 | EA | Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205) | 131.39 | 24.79 |
| 26 09 23 00-0394 | EA | Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355) | 147.41 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0395 | EA | Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305) | 149.35 | 24.79 |
| 26 09 23 00-0396 | EA | Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200) | 157.73 | 24.79 |
| 26 09 23 00-0397 | EA | Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300) | 171.15 | 24.79 |
| **26 09 23 00-0398** | | **Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0364)* | | |
| 26 09 23 00-0399 | EA | 1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355) | 202.41 | 24.79 |
| 26 09 23 00-0400 | EA | 1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300) | 230.79 | 24.79 |
| 26 09 23 00-0401 | EA | 1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305) | 196.39 | 24.79 |
| **26 09 23 00-0402** | | **Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0346)* | | |
| **26 09 23 00-0403** | | **Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0402)* | | |
| 26 09 23 00-0404 | EA | 120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3) | 247.79 | 24.79 |
| 26 09 23 00-0405 | EA | 2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100) | 247.79 | 24.79 |
| **26 09 23 00-0406** | | **Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0402)* | | |
| 26 09 23 00-0407 | EA | 2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200) | 230.79 | 24.79 |
| **26 09 23 00-0408** | | **Occupancy Sensor Power Packs** *(26 09 23 00-0345)* | | |
| **26 09 23 00-0409** | | **Single Voltage, Occupancy Sensor Power Packs** *(26 09 23 00-0408)* | | |
| 26 09 23 00-0410 | EA | 220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P) | 83.76 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0411 | EA | 347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P) | 76.55 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| **26 09 23 00-0412** | | **Auxiliary, Occupancy Sensor Power Packs** *(26 09 23 00-0408)* | | |
| 26 09 23 00-0413 | EA | 120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P) | 70.61 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| **26 09 23 00-0414** | | **Universal Voltage, Power Packs For Occupancy Sensors** *(26 09 23 00-0408)* | | |
| 26 09 23 00-0415 | EA | 120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100) | 92.35 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| **26 09 23 00-0416** | | **Form C, Occupancy Sensor Power Packs** *(26 09 23 00-0408)* | | |
| 26 09 23 00-0417 | EA | 120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P) | 84.09 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0418 | EA | 277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P) | 84.15 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| **26 09 23 00-0419** | | **Two Relay, Occupancy Sensor Power Packs** *(26 09 23 00-0408)* | | |
| 26 09 23 00-0420 | EA | 120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P) | 104.98 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0421 | EA | 277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P) | 106.41 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| **26 09 23 00-0422** | | **Occupancy Sensor Power Supplies** *(26 09 23 00-0408)* | | |
| 26 09 23 00-0423 | EA | 120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150) | 107.27 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0424 | EA | 277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277) | 210.61 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| **26 09 23 00-0425** | | **Intelligent, Occupancy Sensor Power Packs** *(26 09 23 00-0408)* | | |
| 26 09 23 00-0426 | EA | 120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100) | 277.60 | 22.03 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0427 | | DIN Rail Mounted, Occupancy Sensor Power Packs *(26 09 23 00-0408)* | | |
| 26 09 23 00-0428 | EA | 120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100) | 91.53 | 22.03 |
| 26 09 23 00-0429 | | Occupancy Sensor Accessories *(26 09 23 00-0345)* | | |
| 26 09 23 00-0430 | | Protective Cages For Occupancy Sensors *(26 09 23 00-0429)* | | |
| 26 09 23 00-0431 | EA | Protective Cage For Occupancy Sensors (Watt Stopper WC) | 51.92 | 8.26 |
| 26 09 23 00-0432 | | Mounting Brackets For Occupancy Sensors *(26 09 23 00-0429)* | | |
| 26 09 23 00-0433 | EA | Mounting Bracket For Occupancy Sensor (Watt Stopper MB)<br>Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders. | 41.68 | 13.78 |
| 26 09 23 00-0434 | | Occupancy/Lighting Logger *(26 09 23 00-0429)*<br>Note: Logs when a space is occupied/vacant and when lighting is on/off. | | |
| 26 09 23 00-0435 | EA | Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200) | 383.32 | 46.83 |
| 26 09 23 00-0436 | | Digital Time Light Switches *(26 09 23 00-0345)* | | |
| 26 09 23 00-0437 | EA | Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400) | 82.91 | 11.02 |
| 26 09 23 00-0438 | | Occupancy Sensors (Sensor Switch) *(26 09 23)*<br>Note: Includes testing of new devices and certification. | | |
| 26 09 23 00-0439 | | Occupancy Sensors (Sensor Switch) *(26 09 23 00-0438)*<br>Note: Exclude boxes | | |
| 26 09 23 00-0440 | | Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0439)* | | |
| 26 09 23 00-0441 | | Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0440)* | | |
| 26 09 23 00-0442 | EA | Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV) | 190.68 | 11.02 |
| 26 09 23 00-0443 | EA | Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL) | 134.47 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0444 | EA | Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD) | 128.28 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0445 | EA | Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA) | 128.28 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0446 | EA | 2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P) | 162.58 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0447 | EA | Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS) | 162.58 | 11.02 |
| 26 09 23 00-0448 | EA | 2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P) | 197.72 | 11.02 |
| 26 09 23 00-0449 | EA | Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD) | 162.58 | 11.02 |
| 26 09 23 00-0450 | | Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0440)*<br>Note: Includes passive infrared and microphonics detection | | |
| 26 09 23 00-0451 | EA | Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV) | 246.90 | 11.02 |
| 26 09 23 00-0452 | EA | Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL) | 190.68 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0453 | EA | Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT) | 186.48 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0454 | EA | Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA) | 186.48 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0455 | EA | 2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P) | 218.79 | 11.02 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |
| 26 09 23 00-0456 | EA | Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT) | 218.79 | 11.02 |
| 26 09 23 00-0457 | EA | 2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P) | 235.66 | 11.02 |
| 26 09 23 00-0458 | | Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0440)* | | |
| 26 09 23 00-0459 | EA | One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX) | 16.75 | 2.75 |
| 26 09 23 00-0460 | EA | One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX) | 16.75 | 2.75 |
| 26 09 23 00-0461 | EA | Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3) | 33.62 | 2.75 |
| 26 09 23 00-0462 | EA | Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3) | 33.62 | 2.75 |
| 26 09 23 00-0463 | | 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0439)* | | |
| 26 09 23 00-0464 | | Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0463)*<br>Note: One photocell or dimming option per occupancy sensor | | |
| 26 09 23 00-0465 | EA | Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9) | 218.24 | 24.79 |
| 26 09 23 00-0466 | EA | Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9) | 218.24 | 24.79 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0467 | EA | Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9) | 218.24 | 24.79 |
| 26 09 23 00-0468 | EA | Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9) | 232.30 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0469 | EA | Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9) | 232.30 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0470 | EA | Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9) | 187.32 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0471 | EA | 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P) | 288.52 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0472 | EA | 2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P) | 288.52 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0473 | EA | 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P) | 243.54 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0474 | EA | Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10) | 218.24 | 24.79 |
| 26 09 23 00-0475 | EA | Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10) | 218.24 | 24.79 |
| 26 09 23 00-0476 | EA | Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10) | 218.24 | 24.79 |
| 26 09 23 00-0477 | EA | Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10) | 232.30 | 24.79 |
| 26 09 23 00-0478 | EA | Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10) | 232.30 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0479 | EA | Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10) | 187.32 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0480 | EA | 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P) | 288.52 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0481 | EA | 2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P) | 288.52 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0482 | EA | 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P) | 243.54 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |

### 26 09 23 00-0483 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0463)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0484 | EA | Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9) | 274.46 | 24.79 |
| 26 09 23 00-0485 | EA | Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9) | 274.46 | 24.79 |
| 26 09 23 00-0486 | EA | Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9) | 274.46 | 24.79 |
| 26 09 23 00-0487 | EA | Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9) | 260.41 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0488 | EA | Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9) | 260.41 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0489 | EA | Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9) | 215.43 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0490 | EA | 2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P) | 316.63 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0491 | EA | 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P) | 316.63 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0492 | EA | 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P) | 271.65 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0493 | EA | Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10) | 274.46 | 24.79 |
| 26 09 23 00-0494 | EA | Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10) | 274.46 | 24.79 |
| 26 09 23 00-0495 | EA | Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10) | 274.46 | 24.79 |
| 26 09 23 00-0496 | EA | Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10) | 260.41 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0497 | EA | Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10) | 260.41 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0498 | EA | Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10) | 215.43 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0499 | EA | 2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P) | 316.63 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0500 | EA | 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P) | 316.63 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0501 | EA | 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P) | 271.65 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| **26 09 23 00-0502** | | **Wide View And Hallway Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0439)* | | |
| **26 09 23 00-0503** | | **Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0502)* | | |
| 26 09 23 00-0504 | EA | Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16) | 218.24 | 24.79 |
| 26 09 23 00-0505 | EA | Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13) | 246.35 | 24.79 |
| 26 09 23 00-0506 | EA | Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13) | 302.57 | 24.79 |
| 26 09 23 00-0507 | EA | Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16) | 288.52 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0508 | EA | 2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P) | 344.74 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| **26 09 23 00-0509** | | **Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0502)* | | |
| | | Note: Includes passive infrared and microphonics detection | | |
| 26 09 23 00-0510 | EA | Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16) | 274.46 | 24.79 |
| 26 09 23 00-0511 | EA | Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16) | 316.63 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0512 | EA | 2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P) | 372.84 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| **26 09 23 00-0513** | | **High Bay Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0439)* | | |
| **26 09 23 00-0514** | | **Passive Infrared, High Bay Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0513)* | | |
| 26 09 23 00-0515 | EA | Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6) | 218.24 | 24.79 |
| 26 09 23 00-0516 | EA | Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6) | 218.24 | 24.79 |
| 26 09 23 00-0517 | EA | Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6) | 218.24 | 24.79 |
| 26 09 23 00-0518 | EA | Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6) | 187.32 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0519 | EA | Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6) | 187.32 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0520 | EA | Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6) | 187.32 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0521 | EA | 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P) | 243.54 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0522 | EA | 2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P) | 243.54 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0523 | EA | 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P) | 243.54 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0524 | EA | 208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208) | 207.00 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0525 | EA | 208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208) | 207.00 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0526 | EA | 208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208) | 207.00 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0527 | EA | 480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480) | 207.00 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0528 | EA | 480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480) | 207.00 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0529 | EA | 480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480) | 207.00 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0530 | EA | Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50) | 246.35 | 24.79 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0531 | EA | Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50) | 246.35 | 24.79 |
| 26 09 23 00-0532 | EA | Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50) | 246.35 | 24.79 |
| 26 09 23 00-0533 | EA | Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50) | 299.76 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0534 | EA | Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50) | 299.76 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0535 | EA | Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50) | 299.76 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0536 | EA | 2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P) | 263.22 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0537 | EA | 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P) | 263.22 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0538 | EA | 208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208) | 221.06 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0539 | EA | 208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208) | 221.06 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0540 | EA | 480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480) | 221.06 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0541 | EA | 480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480) | 221.06 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0542 | EA | Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10) | 246.35 | 24.79 |
| 26 09 23 00-0543 | EA | Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10) | 246.35 | 24.79 |
| 26 09 23 00-0544 | EA | Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10) | 299.76 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0545 | EA | Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10) | 299.76 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0546 | EA | 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P) | 288.52 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0547 | EA | 480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480) | 260.41 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0548 | EA | 208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208) | 260.41 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |

## 26 09 23 00-0549 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0438)*

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0550 | EA | Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20) | 122.79 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0551 | EA | 2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P) | 179.00 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0552 | EA | Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20) | 94.68 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0553 | EA | 2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20) | 86.24 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0554 | EA | 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20) | 114.35 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0555 | EA | 120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH) | 184.63 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0556 | EA | 120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR) | 184.63 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |
| 26 09 23 00-0557 | EA | 120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM) | 184.63 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.22* | |

## 26 09 23 00-0558 Daylighting Control (Sensor Switch) *(26 09 23 00-0438)*

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0559 | EA | Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC) | 190.14 | 24.79 |
| 26 09 23 00-0560 | EA | Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC) | 190.14 | 24.79 |
| 26 09 23 00-0561 | EA | Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC) | 190.14 | 24.79 |
| 26 09 23 00-0562 | EA | Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC) | 190.14 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0563 | EA | Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC) | 190.14 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0564 | EA | Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC) | 190.14 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0565 | EA | Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC) | 190.14 | 24.79 |
| 26 09 23 00-0566 | EA | Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC) | 190.14 | 24.79 |
| 26 09 23 00-0567 | EA | Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC) | 190.14 | 24.79 |
| 26 09 23 00-0568 | EA | Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC) | 190.14 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0569 | EA | Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC) | 190.14 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0570 | EA | Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC) | 190.14 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0571 | EA | Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC) | 274.46 | 24.79 |
| 26 09 23 00-0572 | EA | Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC) | 274.46 | 24.79 |
| 26 09 23 00-0573 | EA | Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC) | 274.46 | 24.79 |
| 26 09 23 00-0574 | EA | Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC) | 274.46 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0575 | EA | Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC) | 274.46 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |
| 26 09 23 00-0576 | EA | Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC) | 274.46 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.88* | |

### 26 09 23 00-0577 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23)*

Note: Includes testing of new devices and certification.

### 26 09 23 00-0578 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0577)*

Note: Excludes boxes.

### 26 09 23 00-0579 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0578)*

### 26 09 23 00-0580 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0579)*

Note: Includes passive infrared and microphonics detection

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0581 | EA | Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX) | 296.53 | 11.02 |

### 26 09 23 00-0582 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0578)*

### 26 09 23 00-0583 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0582)*

Note: One photocell or dimming option per occupancy sensor

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0584 | EA | Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9) | 351.24 | 24.79 |
| 26 09 23 00-0585 | EA | Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10) | 351.24 | 24.79 |
| 26 09 23 00-0586 | EA | Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC) | 351.24 | 24.79 |

### 26 09 23 00-0587 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0582)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0588 | EA | Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9) | 411.56 | 24.79 |
| 26 09 23 00-0589 | EA | Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10) | 411.56 | 24.79 |
| 26 09 23 00-0590 | EA | 2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P) | 426.62 | 24.79 |

### 26 09 23 00-0591 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0578)*

### 26 09 23 00-0592 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0591)*

Note: Includes passive infrared and microphonics detection

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0593 | EA | Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16) | 411.56 | 24.79 |

### 26 09 23 00-0594 High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0578)*

### 26 09 23 00-0595 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0594)*

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0596 | EA | Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6) | 351.24 | 24.79 |

### 26 09 23 00-0597 Occupancy Sensor Power Packs (Sensor Switch nLight®) *(26 09 23 00-0577)*

| | | | | |
|---|---|---|---|---|
| 26 09 23 00-0598 | EA | 150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150) | 119.49 | 22.03 |
| 26 09 23 00-0599 | EA | 250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250) | 149.68 | 22.03 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0600 | EA | 30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO) | 200.94 | 22.03 |
| 26 09 23 00-0601 | EA | System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16) | 200.94 | 22.03 |
| **26 09 23 00-0602** | | **Occupancy Sensor Accessories (Sensor Switch nLight®)** *(26 09 23 00-0577)* | | |
| 26 09 23 00-0603 | EA | RS232 AV Integrator (Sensor Switch nLight® nIO X) | 426.62 | 24.79 |
| 26 09 23 00-0604 | EA | 8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT) | 344.98 | 24.79 |
| **26 09 23 00-0605** | | **Daylighting Controls (Sensor Switch nLight®)** *(26 09 23 00-0577)* | | |
| 26 09 23 00-0606 | EA | Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC) | 290.91 | 24.79 |
| **26 09 23 00-0607** | | **Controls (Sensor Switch nLight®)** *(26 09 23 00-0577)* | | |
| 26 09 23 00-0608 | EA | On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX) | 191.37 | 24.79 |
| 26 09 23 00-0609 | EA | 1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB) | 275.85 | 24.79 |
| 26 09 23 00-0610 | EA | On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM) | 637.80 | 24.79 |
| 26 09 23 00-0611 | EA | 3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX) | 637.80 | 24.79 |
| 26 09 23 00-0612 | EA | 3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2) | 2,387.35 | 24.79 |
| **26 09 23 00-0613** | | **Occupancy Sensors (Lutron)** *(26 09 23)*<br>Note: Includes testing of new devices and certification. | | |
| **26 09 23 00-0614** | | **Wireless Occupancy Sensors** *(26 09 23 00-0613)* | | |
| 26 09 23 00-0615 | EA | Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH) | 142.50 | 24.79 |
| 26 09 23 00-0616 | EA | Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH) | 148.71 | 24.79 |
| 26 09 23 00-0617 | EA | Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH) | 143.98 | 24.79 |
| 26 09 23 00-0618 | EA | Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH) | 152.24 | 24.79 |
| 26 09 23 00-0619 | EA | Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH) | 145.83 | 24.79 |
| 26 09 23 00-0620 | EA | Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH) | 152.24 | 24.79 |
| 26 09 23 00-0621 | EA | Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH) | 142.50 | 24.79 |
| 26 09 23 00-0622 | EA | Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH) | 145.83 | 24.79 |
| 26 09 23 00-0623 | EA | Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V) | 143.98 | 24.79 |
| 26 09 23 00-0624 | EA | Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH) | 221.73 | 24.79 |
| 26 09 23 00-0625 | EA | Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH) | 236.54 | 24.79 |
| 26 09 23 00-0626 | EA | Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH) | 269.86 | 24.79 |
| 26 09 23 00-0627 | EA | Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH) | 284.67 | 24.79 |
| 26 09 23 00-0628 | EA | Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH) | 292.07 | 24.79 |
| 26 09 23 00-0629 | EA | Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH) | 306.88 | 24.79 |
| 26 09 23 00-0630 | EA | Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH) | 175.08 | 24.79 |
| 26 09 23 00-0631 | EA | Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH) | 184.71 | 24.79 |
| 26 09 23 00-0632 | EA | Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH) | 216.17 | 24.79 |
| 26 09 23 00-0633 | EA | Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH) | 240.24 | 24.79 |
| 26 09 23 00-0634 | EA | Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH) | 258.75 | 24.79 |
| 26 09 23 00-0635 | EA | Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH) | 223.58 | 24.79 |
| 26 09 23 00-0636 | EA | Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH) | 205.55 | 24.79 |
| 26 09 23 00-0637 | EA | Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH) | 172.11 | 24.79 |
| 26 09 23 00-0638 | EA | Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH) | 211.55 | 24.79 |
| 26 09 23 00-0639 | EA | Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C) | 256.68 | 24.79 |
| 26 09 23 00-0640 | EA | Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H) | 272.36 | 24.79 |
| 26 09 23 00-0641 | EA | Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K) | 272.36 | 24.79 |
| 26 09 23 00-0642 | EA | Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W) | 272.36 | 24.79 |
| 26 09 23 00-0643 | EA | Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V) | 286.74 | 24.79 |
| 26 09 23 00-0644 | EA | Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W) | 464.91 | 35.81 |
| **26 09 23 00-0645** | | **Nodes And Modules** *(26 09 23 00-0613)* | | |
| 26 09 23 00-0646 | EA | 0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C ) | 230.98 | 24.79 |
| 26 09 23 00-0647 | EA | 0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J) | 230.98 | 24.79 |
| 26 09 23 00-0648 | EA | 4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C ) | 292.07 | 24.79 |
| 26 09 23 00-0649 | EA | 4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J) | 292.07 | 24.79 |
| 26 09 23 00-0650 | EA | 120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH) | 373.47 | 27.55 |
| 26 09 23 00-0651 | EA | 120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH) | 373.47 | 27.55 |
| 26 09 23 00-0652 | EA | 120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH) | 453.07 | 27.55 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0653 | EA | 120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH) | 464.18 | 27.55 |
| 26 09 23 00-0654 | EA | 120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH) | 573.39 | 27.55 |
| 26 09 23 00-0655 | EA | 120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH) | 608.57 | 27.55 |
| 26 09 23 00-0656 | EA | 120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH) | 643.74 | 27.55 |
| 26 09 23 00-0657 | EA | 1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2) | 1,740.30 | 44.08 |
| 26 09 23 00-0658 | EA | 2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4) | 1,709.67 | 49.59 |
| 26 09 23 00-0659 | EA | 3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6) | 2,507.43 | 55.09 |
| **26 09 23 00-0660** | | **Other Accessories** *(26 09 23 00-0613)* | | |
| 26 09 23 00-0661 | EA | Pico® Wireless Control Wallplate Adapter (Lutron® PJ) | 36.95 | |
| 26 09 23 00-0662 | EA | Pico® Wireless Control (Lutron® PJ) | 47.41 | |
| 26 09 23 00-0663 | EA | 4-Scene Wireless Remote Control (Lutron® GRX-IT-WH) | 140.58 | |
| 26 09 23 00-0664 | EA | 8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH) | 268.31 | |
| 26 09 23 00-0665 | EA | 4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL) | 281.39 | 24.79 |
| 26 09 23 00-0666 | EA | seeTouch® QS Wallstation (Lutron® QSWS2) | 356.42 | 24.79 |
| 26 09 23 00-0667 | EA | seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2) | 356.42 | 24.79 |
| 26 09 23 00-0668 | EA | 120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S) | 584.50 | 27.55 |
| 26 09 23 00-0669 | EA | 120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S) | 801.08 | 27.55 |
| 26 09 23 00-0670 | EA | Control Interface (Lutron® QSE-CI-NWK-E) | 964.04 | 24.79 |
| 26 09 23 00-0671 | EA | 1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S) | 956.65 | 24.79 |
| 26 09 23 00-0672 | EA | 2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S) | 1,280.60 | 24.79 |
| 26 09 23 00-0673 | MLF | 5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S) | 2,095.23 | 769.95 |
| 26 09 23 00-0674 | MLF | 5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S) | 2,835.69 | 769.95 |
| **26 09 23 00-0675** | | **Fixture Mounted Occupancy Sensors (Leviton)** *(26 09 23)*<br>Note: Includes testing of new devices and certification. | | |
| 26 09 23 00-0676 | EA | 120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW) | 136.58 | 24.79 |
| 26 09 23 00-0677 | EA | 480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W) | 119.55 | 24.79 |
| 26 09 23 00-0678 | EA | 120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW) | 150.64 | 24.79 |
| 26 09 23 00-0679 | EA | 480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W) | 119.55 | 24.79 |
| 26 09 23 00-0680 | EA | 120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT) | 198.65 | 11.00 |
| **26 09 23 00-0681** | | **Wireless Enabled Communication Devices For Streetlights** *(26 09 23)*<br>Note: Includes testing of new devices and certification. | | |
| **26 09 23 00-0682** | | **Wireless Enabled Communication Nodes For Streetlights (Roam®)** *(26 09 23 00-0681)* | | |
| 26 09 23 00-0683 | EA | 120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1) | 302.67 | |
| 26 09 23 00-0684 | EA | 480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1) | 423.33 | |
| **26 09 23 00-0685** | | **Wireless Enabled Communication Devices For Streetlights (Roam®)** *(26 09 23 00-0681)* | | |
| 26 09 23 00-0686 | EA | Retrofit Receptacle Kit (Roam® DUR103)<br>Note: For adapting light fixtures for use with a NEMA locking type photocontrol. | 52.32 | |
| 26 09 23 00-0687 | EA | Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127) | 12,190.57 | 62.38 |
| **26 09 23 00-0688** | | **Counter Mounted Consolets** *(26 09 23)* | | |
| 26 09 23 00-0689 | EA | 20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24) | 597.35 | 137.49 |
| **26 09 23 00-0690** | | **Lighting Console And Stations** *(26 09 23)* | | |
| 26 09 23 00-0691 | EA | 80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40) | 4,308.39 | 137.49 |
| | | *For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add* | *93.27* | |
| | | *For Lighting Console Case (ETC ColorSourcePart 11866), Add* | *994.48* | |
| 26 09 23 00-0692 | EA | 10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2) | 2,975.65 | 82.49 |
| **26 09 23 00-0693** | | **Theatre Lighting Console** *(26 09 23)* | | |
| 26 09 23 00-0694 | EA | Theatre Lighting Console (ETC Colorsource 20) | 3,094.79 | 164.99 |
| **26 09 23 00-0695** | | **Emergency Lighting Controls** *(26 09 23)* | | |
| **26 09 23 00-0696** | | **Emergency Lighting Control Units (Watt Stopper ELCU)** *(26 09 23 00-0695)*<br>Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power. | | |
| 26 09 23 00-0697 | EA | DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100) | 191.82 | 27.55 |
| 26 09 23 00-0698 | EA | 1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200) | 191.82 | 27.55 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 09 23 00-0699 | | Emergency Shunt Relays (Lighting Control & Design GR 2001™) *(26 09 23 00-0695)* Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch. | | |
| 26 09 23 00-0700 | EA | 1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™) | 349.64 | 38.56 |
| 26 09 23 00-0701 | EA | 2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™) | 477.30 | 44.08 |
| 26 09 23 00-0702 | EA | 2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual) Note: Controls normal and emergency lighting from single-pole wall switch. | 644.14 | 49.59 |
| 26 09 23 00-0703 | | Photocells *(26 09 23)* | | |
| 26 09 23 00-0704 | EA | Plug-In Photocell For Lighting Fixtures (Intermac® LC2000) | 85.57 | |
| 26 09 23 00-0705 | EA | Wired Photocell For Lighting Fixtures (Intermac® K4021C) | 195.33 | |
| 26 09 23 00-0706 | | Outdoor Lighting Motion Sensors *(26 09 23)* | | |
| 26 09 23 00-0707 | EA | 70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000) | 113.68 | 27.55 |
| 26 09 23 00-0708 | EA | 70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000) | 124.29 | 27.55 |
| 26 09 23 00-0709 | EA | 30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR) | 518.66 | 27.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.53* | |
| 26 09 23 00-0710 | | Street Light Controls *(26 09 23)* | | |
| 26 09 23 00-0711 | | Photo Controls *(26 09 23 00-0710)* | | |
| 26 09 23 00-0712 | EA | Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014 | 93.22 | |
| 26 09 23 00-0713 | EA | Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016 | 107.62 | |
| 26 09 23 00-0714 | | Connector Node *(26 09 23 00-0710)* | | |
| 26 09 23 00-0715 | EA | Outdoor Lighting Connector Node (Philips City Touch LLC7260) | 470.64 | 2.60 |
| 26 10 | | Medium-Voltage Electrical Distribution *(26)* | | |
| 26 11 | | Substations *(26 10)* | | |
| **26 11 13** | | **Primary Unit Substations** *(26 11)* | | |
| 26 11 13 00-0001 | | "Switchyard" Substation Primary Incoming Section *(26 11 13)* | | |
| 26 11 13 00-0002 | | Outdoor Oil Circuit Breakers "Switchyard" *(26 11 13 00-0001)* Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment | | |
| 26 11 13 00-0003 | EA | 14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation | 55,743.12 | 1,906.72 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,163.66* | |
| 26 11 13 00-0004 | EA | 23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation | 68,382.29 | 2,411.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,454.57* | |
| 26 11 13 00-0005 | EA | 34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation | 77,458.53 | 2,411.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,454.57* | |
| 26 11 13 00-0006 | EA | 46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation | 89,062.84 | 2,411.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,551.55* | |
| 26 11 13 00-0007 | EA | 69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation | 101,043.98 | 2,972.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,790.25* | |
| 26 11 13 00-0008 | | Accessories For Outdoor Oil Circuit Breakers *(26 11 13 00-0001)* | | |
| 26 11 13 00-0009 | EA | Reclosure Relay, Adjustable, 3 Shot, #179 | 1,532.20 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *119.00* | |
| 26 11 13 00-0010 | EA | Overcurrent Relay, 1 Phase, #51/51N | 487.29 | 145.71 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *79.37* | |
| 26 11 13 00-0011 | EA | Directional Overcurrent Relay, Three-Phase, Device No. 67 | 729.26 | 145.71 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *98.89* | |
| 26 11 13 00-0012 | EA | Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase | 576.82 | 145.71 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *79.37* | |
| 26 11 13 00-0013 | EA | Differential Relay Package, Complete, Device No. 87 | 2,157.86 | 492.38 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *297.31* | |
| 26 11 13 00-0014 | | "Switchyard", Substation Transformer Section *(26 11 13)* Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range | | |
| 26 11 13 00-0015 | | 14.4 KV Nominal Primary *(26 11 13 00-0014)* | | |
| 26 11 13 00-0016 | EA | 1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 32,129.82 | 1,906.72 |
| | | *For 50 Hz Operation, Add* | *3,390.11* | |
| | | *For Forced Air Cooling, Add* | *3,390.11* | |
| | | *For External Control Panel, Add* | *847.53* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *282.51* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *1,412.55* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *3,531.37* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *4,237.64* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 11 13 00-0017 | EA | 2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 36,742.71 | 2,389.01 |
| | | *For 50 Hz Operation, Add* | *3,827.30* | |
| | | *For Forced Air Cooling, Add* | *3,827.30* | |
| | | *For External Control Panel, Add* | *956.82* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *318.94* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *1,594.71* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *3,986.77* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *4,784.12* | |
| 26 11 13 00-0018 | EA | 5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 56,524.58 | 3,364.80 |
| | | *For 50 Hz Operation, Add* | *5,955.46* | |
| | | *For Forced Air Cooling, Add* | *5,955.46* | |
| | | *For External Control Panel, Add* | *1,488.86* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *496.29* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *2,481.44* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *6,203.60* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *7,444.32* | |
| 26 11 13 00-0019 | EA | 7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 81,912.36 | 4,047.84 |
| | | *For 50 Hz Operation, Add* | *8,781.81* | |
| | | *For Forced Air Cooling, Add* | *8,781.81* | |
| | | *For External Control Panel, Add* | *2,195.45* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *731.82* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *3,659.09* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *9,147.72* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *10,977.26* | |
| 26 11 13 00-0020 | EA | 10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 100,918.47 | 5,238.38 |
| | | *For 50 Hz Operation, Add* | *10,800.62* | |
| | | *For Forced Air Cooling, Add* | *10,800.62* | |
| | | *For External Control Panel, Add* | *2,700.16* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *900.05* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *4,500.26* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *11,250.65* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *13,500.78* | |
| **26 11 13 00-0021** | | **23 KV Nominal Primary** *(26 11 13 00-0014)* | | |
| 26 11 13 00-0022 | EA | 1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 35,925.33 | 2,579.68 |
| | | *For 50 Hz Operation, Add* | *3,729.21* | |
| | | *For External Control Panel, Add* | *932.30* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *310.77* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *1,553.84* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *3,884.59* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *4,661.51* | |
| | | *For Forced Air Cooling, Add* | *2,486.14* | |
| 26 11 13 00-0023 | EA | 2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 41,020.67 | 2,579.68 |
| | | *For 50 Hz Operation, Add* | *4,219.89* | |
| | | *For External Control Panel, Add* | *1,054.97* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *351.66* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *1,758.29* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *4,395.72* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *5,274.87* | |
| | | *For Forced Air Cooling, Add* | *2,813.26* | |
| 26 11 13 00-0024 | EA | 5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 65,798.26 | 3,813.43 |
| | | *For 50 Hz Operation, Add* | *6,964.86* | |
| | | *For External Control Panel, Add* | *1,741.22* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *580.41* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *2,902.03* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *7,255.07* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *8,706.08* | |
| | | *For Forced Air Cooling, Add* | *4,643.24* | |
| 26 11 13 00-0025 | EA | 7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 88,300.91 | 5,238.38 |
| | | *For 50 Hz Operation, Add* | *9,286.51* | |
| | | *For External Control Panel, Add* | *2,321.63* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *773.88* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *3,869.38* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *9,673.45* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *11,608.14* | |
| | | *For Forced Air Cooling, Add* | *6,191.01* | |
| 26 11 13 00-0026 | EA | 10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 109,330.19 | 5,238.38 |
| | | *For 50 Hz Operation, Add* | *11,810.03* | |
| | | *For External Control Panel, Add* | *2,952.51* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *984.17* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *4,920.85* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *12,302.11* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *14,762.54* | |
| | | *For Forced Air Cooling, Add* | *7,873.35* | |
| **26 11 13 00-0027** | | **34.5 KV Nominal Primary** *(26 11 13 00-0014)* | | |
| 26 11 13 00-0028 | EA | 1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 45,109.69 | 3,084.40 |
| | | *For 50 Hz Operation, Add* | *4,710.58* | |
| | | *For External Control Panel, Add* | *1,177.64* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *392.55* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *1,962.74* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *4,906.85* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *5,888.22* | |
| | | *For Forced Air Cooling, Add* | *3,140.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 11 13 00-0029 | EA | 2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 54,485.34 | 4,822.88 |
| | | *For 50 Hz Operation, Add* | *5,691.94* | |
| | | *For External Control Panel, Add* | *1,422.99* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *474.33* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *2,371.64* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *5,929.11* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *7,114.93* | |
| | | *For Forced Air Cooling, Add* | *3,794.63* | |
| 26 11 13 00-0030 | EA | 5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 75,308.67 | 4,822.88 |
| | | *For 50 Hz Operation, Add* | *7,873.38* | |
| | | *For External Control Panel, Add* | *1,968.35* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *656.12* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *3,280.58* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *8,201.44* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *9,841.73* | |
| | | *For Forced Air Cooling, Add* | *5,248.92* | |
| 26 11 13 00-0031 | EA | 7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 96,712.57 | 5,119.33 |
| | | *For 50 Hz Operation, Add* | *10,295.91* | |
| | | *For External Control Panel, Add* | *2,573.98* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *857.99* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *4,289.96* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *10,724.91* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *12,869.89* | |
| | | *For Forced Air Cooling, Add* | *6,863.94* | |
| 26 11 13 00-0032 | EA | 10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 167,062.05 | 6,547.98 |
| | | *For 50 Hz Operation, Add* | *18,371.16* | |
| | | *For External Control Panel, Add* | *4,592.79* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *1,530.93* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *7,654.65* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *19,136.63* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *22,963.95* | |
| | | *For Forced Air Cooling, Add* | *12,247.44* | |

### 26 11 13 00-0033 46 KV Nominal Primary *(26 11 13 00-0014)*

| | | | | |
|---|---|---|---|---|
| 26 11 13 00-0034 | EA | 1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 69,151.18 | 3,589.12 |
| | | *For 50 Hz Operation, Add* | *7,451.84* | |
| | | *For External Control Panel, Add* | *1,862.96* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *620.99* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *3,104.94* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *7,762.34* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *9,314.81* | |
| | | *For Forced Air Cooling, Add* | *4,967.90* | |
| 26 11 13 00-0035 | EA | 2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 78,159.99 | 3,589.12 |
| | | *For 50 Hz Operation, Add* | *8,448.27* | |
| | | *For External Control Panel, Add* | *2,112.07* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *704.02* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *3,520.11* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *8,800.28* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *10,560.34* | |
| | | *For Forced Air Cooling, Add* | *5,632.18* | |
| 26 11 13 00-0036 | EA | 5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 108,257.35 | 4,822.88 |
| | | *For 50 Hz Operation, Add* | *11,827.22* | |
| | | *For External Control Panel, Add* | *2,956.81* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *985.60* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *4,928.01* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *12,320.02* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *14,784.03* | |
| | | *For Forced Air Cooling, Add* | *7,884.82* | |
| 26 11 13 00-0037 | EA | 7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 132,400.65 | 6,547.98 |
| | | *For 50 Hz Operation, Add* | *14,211.80* | |
| | | *For External Control Panel, Add* | *3,552.95* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *1,184.32* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *5,921.58* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *14,803.95* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *17,764.74* | |
| | | *For Forced Air Cooling, Add* | *9,474.53* | |
| 26 11 13 00-0038 | EA | 10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 188,143.43 | 6,547.98 |
| | | *For 50 Hz Operation, Add* | *20,900.93* | |
| | | *For External Control Panel, Add* | *5,225.23* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *1,741.74* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *8,708.72* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *21,771.80* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *26,126.16* | |
| | | *For Forced Air Cooling, Add* | *13,933.95* | |

### 26 11 13 00-0039 69 KV Nominal Primary *(26 11 13 00-0014)*

| | | | | |
|---|---|---|---|---|
| 26 11 13 00-0040 | EA | 1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 99,511.98 | 3,813.43 |
| | | *For 50 Hz Operation, Add* | *11,010.51* | |
| | | *For External Control Panel, Add* | *2,752.63* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *917.54* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *4,587.71* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *11,469.28* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *13,763.14* | |
| | | *For Forced Air Cooling, Add* | *7,340.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 11 13 00-0041 | EA | 2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 114,303.04 | 4,822.88 |
| | | *For 50 Hz Operation, Add* | *12,552.71* | |
| | | *For External Control Panel, Add* | *3,138.18* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *1,046.06* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *5,230.29* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *13,075.74* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *15,690.88* | |
| | | *For Forced Air Cooling, Add* | *8,368.47* | |
| 26 11 13 00-0042 | EA | 5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 157,039.91 | 4,822.88 |
| | | *For 50 Hz Operation, Add* | *17,681.13* | |
| | | *For External Control Panel, Add* | *4,420.28* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *1,473.43* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *7,367.14* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *18,417.84* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *22,101.41* | |
| | | *For Forced Air Cooling, Add* | *11,787.42* | |
| 26 11 13 00-0043 | EA | 7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 166,450.40 | 6,547.98 |
| | | *For 50 Hz Operation, Add* | *18,297.77* | |
| | | *For External Control Panel, Add* | *4,574.44* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *1,524.81* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *7,624.07* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *19,060.17* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *22,872.21* | |
| | | *For Forced Air Cooling, Add* | *12,198.51* | |
| 26 11 13 00-0044 | EA | 10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled | 217,925.01 | 6,547.98 |
| | | *For 50 Hz Operation, Add* | *24,474.72* | |
| | | *For External Control Panel, Add* | *6,118.68* | |
| | | *For Internally Mounted Current Transformers And Linear Couplers, Add* | *2,039.56* | |
| | | *For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add* | *10,197.80* | |
| | | *For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add* | *25,494.50* | |
| | | *For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add* | *30,593.40* | |
| | | *For Forced Air Cooling, Add* | *16,316.48* | |

### 26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV *(26 11 13)*

| | | | | |
|---|---|---|---|---|
| 26 11 13 00-0046 | EA | 1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 59,653.76 | 955.03 |
| 26 11 13 00-0047 | EA | 1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 65,490.15 | 955.03 |
| 26 11 13 00-0048 | EA | 1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 74,568.91 | 1,186.31 |
| 26 11 13 00-0049 | EA | 2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 69,750.23 | 1,426.47 |
| 26 11 13 00-0050 | EA | 2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 78,567.33 | 1,426.47 |
| 26 11 13 00-0051 | EA | 2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 89,635.61 | 1,657.25 |
| 26 11 13 00-0052 | EA | 3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 92,417.39 | 1,893.40 |
| 26 11 13 00-0053 | EA | 3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 103,395.18 | 1,893.40 |
| 26 11 13 00-0054 | EA | 3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section | 108,381.81 | 2,126.31 |

## 26 11 16 Secondary Unit Substations *(26 11)*

### 26 11 16 11 Secondary Unit Substations with Switchgear Secondary *(26 11 16)*

### 26 11 16 11-0001 Substation Primary Incoming Section *(26 11 16 11)*

### 26 11 16 11-0002 Manual Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.

| | | | | |
|---|---|---|---|---|
| 26 11 16 11-0003 | EA | 112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position | 32,749.78 | 1,402.43 |
| 26 11 16 11-0004 | EA | 2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position | 37,757.38 | 1,402.43 |

### 26 11 16 11-0005 Automatic Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.

| | | | | |
|---|---|---|---|---|
| 26 11 16 11-0006 | EA | 112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch | 46,287.25 | 1,402.43 |
| 26 11 16 11-0007 | EA | 2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch | 49,546.23 | 1,402.43 |

### 26 11 16 11-0008 Accessories For Substation Fused Load Break Switches *(26 11 16 11-0001)*

| | | | | |
|---|---|---|---|---|
| 26 11 16 11-0009 | EA | Primary Lightning Arrestors Accessories, Secondary Distribution Section | 7,035.27 | |
| 26 11 16 11-0010 | EA | Key Interlock Accessories, Secondary Distribution Section | 684.79 | |

### 26 11 16 11-0011 Oil Filled Substation Transformers *(26 11 16 11)*

Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.

### 26 11 16 11-0012 Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ *(26 11 16 11-0011)*

| | | | | |
|---|---|---|---|---|
| 26 11 16 11-0013 | EA | 75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 13,314.00 | 841.20 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *814.21* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *348.95* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *116.32* | |
| 26 11 16 11-0014 | EA | 112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 19,392.20 | 1,009.44 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,216.13* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *521.20* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *173.73* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 11 16 11-0015 | EA | 150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 21,933.84 | 1,121.60 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,378.34* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *590.72* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *196.91* | |
| 26 11 16 11-0016 | EA | 225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 26,007.21 | 1,402.00 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,624.22* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *696.10* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *232.03* | |
| 26 11 16 11-0017 | EA | 300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 29,120.22 | 1,738.48 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,795.03* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *769.30* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *256.43* | |
| 26 11 16 11-0018 | EA | 500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 31,331.69 | 2,131.04 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,894.87* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *812.09* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *270.70* | |
| 26 11 16 11-0019 | EA | 750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 36,731.57 | 1,121.60 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *2,210.05* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *947.17* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *315.72* | |
| 26 11 16 11-0020 | EA | 1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 39,176.62 | 2,804.00 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *2,349.80* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *1,007.06* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *335.69* | |
| 26 11 16 11-0021 | EA | 1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 43,743.18 | 3,084.40 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *2,630.21* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *1,127.23* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *375.74* | |
| 26 11 16 11-0022 | EA | 2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 50,487.22 | 3,420.88 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *3,055.18* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *1,309.36* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *436.45* | |
| 26 11 16 11-0023 | EA | 2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 55,419.98 | 3,729.32 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *3,357.29* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *1,438.84* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *479.61* | |

### 26 11 16 11-0024 Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ *(26 11 16 11-0011)*

| | | | | |
|---|---|---|---|---|
| 26 11 16 11-0025 | EA | 75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 12,733.71 | 841.20 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *773.59* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *331.54* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *110.51* | |
| 26 11 16 11-0026 | EA | 112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 18,867.57 | 841.20 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,202.96* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *515.56* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *171.85* | |
| 26 11 16 11-0027 | EA | 150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 21,921.00 | 1,121.60 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,377.45* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *590.33* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *196.78* | |
| 26 11 16 11-0028 | EA | 225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 26,029.30 | 1,402.00 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,625.77* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *696.76* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *232.25* | |
| 26 11 16 11-0029 | EA | 300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 31,375.07 | 1,738.48 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *1,952.87* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *836.94* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *278.98* | |
| 26 11 16 11-0030 | EA | 500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 34,139.39 | 2,131.04 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *2,091.41* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *896.32* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *298.77* | |
| 26 11 16 11-0031 | EA | 750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 38,028.06 | 2,579.68 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *2,300.81* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *986.06* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *328.69* | |
| 26 11 16 11-0032 | EA | 1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 41,409.93 | 2,804.00 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *2,506.14* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *1,074.06* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *358.02* | |
| 26 11 16 11-0033 | EA | 1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof | 46,631.20 | 3,084.40 |
| | | *For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add* | *2,832.37* | |
| | | *For Control Power Transformer On Fans And Auxiliary, Add* | *1,213.87* | |
| | | *For Internal Mounted Current Transformer And Linear Coupler, Add* | *404.62* | |

### 26 11 16 11-0034 Accessories For Oil Filled Substation Transformers *(26 11 16 11-0011)*

| | | | |
|---|---|---|---|
| 26 11 16 11-0035 | EA | Sudden Pressure Relay | 3,525.49 |
| 26 11 16 11-0036 | EA | Throats Or Flanges (HV Or LV) | 6,999.30 |
| 26 11 16 11-0037 | EA | Lightning Arrestors (3 - 1 Pole) | 4,608.77 |
| 26 11 16 11-0038 | EA | Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X) | 25,576.35 |
| 26 11 16 11-0039 | EA | Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout | 23,929.22 |

### 26 11 16 11-0040 Reinforced Concrete Curb With 6" Slab *(26 11 16 11-0011)*

Note: For transformer liquid containment area.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 11 16 11-0041 | EA | 112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area | 3,861.08 | 1,031.24 |
| 26 11 16 11-0042 | EA | 150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area | 3,861.08 | 1,031.24 |
| 26 11 16 11-0043 | EA | 225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area | 3,861.08 | 1,031.24 |
| 26 11 16 11-0044 | EA | 300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area | 3,861.08 | 1,031.24 |
| 26 11 16 11-0045 | EA | 500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area | 3,861.08 | 1,031.24 |
| 26 11 16 11-0046 | EA | 750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area | 3,861.08 | 1,031.24 |
| 26 11 16 11-0047 | EA | 1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area | 3,861.08 | 1,031.24 |
| 26 11 16 11-0048 | EA | 1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area | 4,554.57 | 1,189.04 |

### 26 11 16 11-0049 Dry Type Substation Transformer *(26 11 16 11)*

Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.

### 26 11 16 11-0050 Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt *(26 11 16 11-0049)*

Note: Primary 4.160 or 4.8 KV (delta or wye).

| | | | | |
|---|---|---|---|---|
| 26 11 16 11-0051 | EA | 112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 22,790.54 | 897.28 |
| | | *For Gas Filled Transformers, Add* | *12,597.59* | |
| | | *For Single Phase Transformers, Deduct* | *-524.90* | |
| | | *For Dry Type Unit, Add* | *4,798.57* | |
| 26 11 16 11-0052 | EA | 150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 22,902.70 | 953.36 |
| | | *For Gas Filled Transformers, Add* | *12,597.59* | |
| | | *For Single Phase Transformers, Deduct* | *-524.90* | |
| | | *For Dry Type Unit, Add* | *4,809.79* | |
| 26 11 16 11-0053 | EA | 225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 23,512.66 | 1,121.60 |
| | | *For Gas Filled Transformers, Add* | *12,761.68* | |
| | | *For Single Phase Transformers, Deduct* | *-531.74* | |
| | | *For Dry Type Unit, Add* | *4,903.60* | |
| 26 11 16 11-0054 | EA | 300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 25,948.56 | 1,233.76 |
| | | *For Gas Filled Transformers, Add* | *14,088.62* | |
| | | *For Single Phase Transformers, Deduct* | *-587.03* | |
| | | *For Dry Type Unit, Add* | *5,412.58* | |
| 26 11 16 11-0055 | EA | 500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 28,869.34 | 1,458.08 |
| | | *For Gas Filled Transformers, Add* | *15,571.91* | |
| | | *For Single Phase Transformers, Deduct* | *-648.83* | |
| | | *For Dry Type Unit, Add* | *6,001.32* | |
| 26 11 16 11-0056 | EA | 750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 33,441.80 | 1,682.40 |
| | | *For Gas Filled Transformers, Add* | *18,046.20* | |
| | | *For Single Phase Transformers, Deduct* | *-751.93* | |
| | | *For Dry Type Unit, Add* | *6,953.42* | |
| 26 11 16 11-0057 | EA | 1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 38,878.16 | 2,018.87 |
| | | *For Gas Filled Transformers, Add* | *20,904.24* | |
| | | *For Single Phase Transformers, Deduct* | *-871.01* | |
| | | *For Dry Type Unit, Add* | *8,068.66* | |
| 26 11 16 11-0058 | EA | 1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 45,843.09 | 2,243.20 |
| | | *For Gas Filled Transformers, Add* | *24,814.01* | |
| | | *For Single Phase Transformers, Deduct* | *-1,033.92* | |
| | | *For Dry Type Unit, Add* | *9,547.11* | |
| 26 11 16 11-0059 | EA | 2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 58,977.24 | 2,355.35 |
| | | *For Gas Filled Transformers, Add* | *32,559.91* | |
| | | *For Single Phase Transformers, Deduct* | *-1,356.66* | |
| | | *For Dry Type Unit, Add* | *12,409.71* | |

### 26 11 16 11-0060 Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt *(26 11 16 11-0049)*

Note: Primary 4.16 or 4.8 KV (delta or wye).

| | | | | |
|---|---|---|---|---|
| 26 11 16 11-0061 | EA | 112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 22,045.45 | 897.28 |
| | | *For Gas Filled Transformers, Add* | *12,150.53* | |
| | | *For Single Phase Transformers, Deduct* | *-506.27* | |
| | | *For Dry Type Unit, Add* | *4,634.65* | |
| 26 11 16 11-0062 | EA | 150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 22,902.70 | 953.36 |
| | | *For Gas Filled Transformers, Add* | *12,597.59* | |
| | | *For Single Phase Transformers, Deduct* | *-524.90* | |
| | | *For Dry Type Unit, Add* | *4,809.79* | |
| 26 11 16 11-0063 | EA | 225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 23,512.66 | 1,121.60 |
| | | *For Gas Filled Transformers, Add* | *12,761.68* | |
| | | *For Single Phase Transformers, Deduct* | *-531.74* | |
| | | *For Dry Type Unit, Add* | *4,903.60* | |
| 26 11 16 11-0064 | EA | 300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 25,948.56 | 1,233.76 |
| | | *For Gas Filled Transformers, Add* | *14,088.62* | |
| | | *For Single Phase Transformers, Deduct* | *-587.03* | |
| | | *For Dry Type Unit, Add* | *5,412.58* | |
| 26 11 16 11-0065 | EA | 500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 28,869.34 | 1,458.08 |
| | | *For Gas Filled Transformers, Add* | *15,571.91* | |
| | | *For Single Phase Transformers, Deduct* | *-648.83* | |
| | | *For Dry Type Unit, Add* | *6,001.32* | |
| 26 11 16 11-0066 | EA | 750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 33,441.80 | 1,682.40 |
| | | *For Gas Filled Transformers, Add* | *18,046.20* | |
| | | *For Single Phase Transformers, Deduct* | *-751.93* | |
| | | *For Dry Type Unit, Add* | *6,953.42* | |
| 26 11 16 11-0067 | EA | 1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 38,878.16 | 2,018.87 |
| | | *For Gas Filled Transformers, Add* | *20,904.24* | |
| | | *For Single Phase Transformers, Deduct* | *-871.01* | |
| | | *For Dry Type Unit, Add* | *8,068.66* | |
| 26 11 16 11-0068 | EA | 1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 45,843.09 | 2,243.20 |
| | | *For Gas Filled Transformers, Add* | *24,814.01* | |
| | | *For Single Phase Transformers, Deduct* | *-1,033.92* | |
| | | *For Dry Type Unit, Add* | *9,547.11* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 11 16 11-0069 | EA | 2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 58,977.24 | 2,355.35 |
| | | *For Gas Filled Transformers, Add* | *32,559.91* | |
| | | *For Single Phase Transformers, Deduct* | *-1,356.66* | |
| | | *For Dry Type Unit, Add* | *12,409.71* | |
| 26 11 16 11-0070 | EA | 2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 64,641.13 | 2,467.52 |
| | | *For Gas Filled Transformers, Add* | *35,823.66* | |
| | | *For Single Phase Transformers, Deduct* | *-1,492.65* | |
| | | *For Dry Type Unit, Add* | *13,628.85* | |
| 26 11 16 11-0071 | EA | 3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 72,008.39 | 2,579.68 |
| | | *For Gas Filled Transformers, Add* | *40,109.42* | |
| | | *For Single Phase Transformers, Deduct* | *-1,671.23* | |
| | | *For Dry Type Unit, Add* | *15,222.72* | |
| 26 11 16 11-0072 | EA | 3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer | 82,775.92 | 2,691.84 |
| | | *For Gas Filled Transformers, Add* | *46,435.34* | |
| | | *For Single Phase Transformers, Deduct* | *-1,934.81* | |
| | | *For Dry Type Unit, Add* | *17,564.66* | |
| **26 11 16 11-0073** | | **Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt** *(26 11 16 11-0049)* | | |
| 26 11 16 11-0074 | EA | 112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 24,556.70 | 1,009.44 |
| | | *For Gas Filled Transformers, Add* | *13,522.70* | |
| | | *For Single Phase Transformers, Deduct* | *-563.45* | |
| | | *For Dry Type Unit, Add* | *5,160.21* | |
| 26 11 16 11-0075 | EA | 150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 25,409.66 | 1,065.52 |
| | | *For Gas Filled Transformers, Add* | *13,967.17* | |
| | | *For Single Phase Transformers, Deduct* | *-581.97* | |
| | | *For Dry Type Unit, Add* | *5,334.40* | |
| 26 11 16 11-0076 | EA | 225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 27,264.31 | 1,233.76 |
| | | *For Gas Filled Transformers, Add* | *14,878.07* | |
| | | *For Single Phase Transformers, Deduct* | *-619.92* | |
| | | *For Dry Type Unit, Add* | *5,702.05* | |
| 26 11 16 11-0077 | EA | 300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 28,823.75 | 1,345.92 |
| | | *For Gas Filled Transformers, Add* | *15,679.15* | |
| | | *For Single Phase Transformers, Deduct* | *-653.30* | |
| | | *For Dry Type Unit, Add* | *6,018.20* | |
| 26 11 16 11-0078 | EA | 500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 32,898.77 | 1,570.24 |
| | | *For Gas Filled Transformers, Add* | *17,854.98* | |
| | | *For Single Phase Transformers, Deduct* | *-743.96* | |
| | | *For Dry Type Unit, Add* | *6,860.87* | |
| 26 11 16 11-0079 | EA | 750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 36,506.50 | 1,794.56 |
| | | *For Gas Filled Transformers, Add* | *19,750.43* | |
| | | *For Single Phase Transformers, Deduct* | *-822.93* | |
| | | *For Dry Type Unit, Add* | *7,600.74* | |
| 26 11 16 11-0080 | EA | 1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 42,659.95 | 2,131.04 |
| | | *For Gas Filled Transformers, Add* | *23,038.72* | |
| | | *For Single Phase Transformers, Deduct* | *-959.95* | |
| | | *For Dry Type Unit, Add* | *8,873.74* | |
| 26 11 16 11-0081 | EA | 1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 51,496.21 | 2,355.35 |
| | | *For Gas Filled Transformers, Add* | *28,071.29* | |
| | | *For Single Phase Transformers, Deduct* | *-1,169.64* | |
| | | *For Dry Type Unit, Add* | *10,763.88* | |
| 26 11 16 11-0082 | EA | 2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer | 61,910.57 | 2,467.52 |
| | | *For Gas Filled Transformers, Add* | *34,185.32* | |
| | | *For Single Phase Transformers, Deduct* | *-1,424.39* | |
| | | *For Dry Type Unit, Add* | *13,028.12* | |
| **26 11 16 11-0083** | | **Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt** *(26 11 16 11-0049)* | | |
| 26 11 16 11-0084 | EA | 112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 24,556.70 | 1,009.44 |
| | | *For Gas Filled Transformers, Add* | *13,522.70* | |
| | | *For Single Phase Transformers, Deduct* | *-563.45* | |
| | | *For Dry Type Unit, Add* | *5,160.21* | |
| 26 11 16 11-0085 | EA | 150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 25,409.66 | 1,065.52 |
| | | *For Gas Filled Transformers, Add* | *13,967.17* | |
| | | *For Single Phase Transformers, Deduct* | *-581.97* | |
| | | *For Dry Type Unit, Add* | *5,334.40* | |
| 26 11 16 11-0086 | EA | 225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 27,264.31 | 1,233.76 |
| | | *For Gas Filled Transformers, Add* | *14,878.07* | |
| | | *For Single Phase Transformers, Deduct* | *-619.92* | |
| | | *For Dry Type Unit, Add* | *5,702.05* | |
| 26 11 16 11-0087 | EA | 300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 28,823.75 | 1,345.92 |
| | | *For Gas Filled Transformers, Add* | *15,679.15* | |
| | | *For Single Phase Transformers, Deduct* | *-653.30* | |
| | | *For Dry Type Unit, Add* | *6,018.20* | |
| 26 11 16 11-0088 | EA | 500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 32,898.77 | 1,570.24 |
| | | *For Gas Filled Transformers, Add* | *17,854.98* | |
| | | *For Single Phase Transformers, Deduct* | *-743.96* | |
| | | *For Dry Type Unit, Add* | *6,860.87* | |
| 26 11 16 11-0089 | EA | 750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 32,199.64 | 1,794.56 |
| | | *For Gas Filled Transformers, Add* | *17,166.31* | |
| | | *For Single Phase Transformers, Deduct* | *-715.26* | |
| | | *For Dry Type Unit, Add* | *6,653.23* | |
| 26 11 16 11-0090 | EA | 1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 33,811.97 | 2,131.04 |
| | | *For Gas Filled Transformers, Add* | *17,729.93* | |
| | | *For Single Phase Transformers, Deduct* | *-738.75* | |
| | | *For Dry Type Unit, Add* | *6,927.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 11 16 11-0091 | EA | 1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 41,358.97 | 2,355.35 |
| | | *For Gas Filled Transformers, Add* | *21,988.95* | |
| | | *For Single Phase Transformers, Deduct* | *-916.21* | |
| | | *For Dry Type Unit, Add* | *8,533.69* | |
| 26 11 16 11-0092 | EA | 2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 48,771.36 | 2,467.52 |
| | | *For Gas Filled Transformers, Add* | *26,301.80* | |
| | | *For Single Phase Transformers, Deduct* | *-1,095.91* | |
| | | *For Dry Type Unit, Add* | *10,137.50* | |
| 26 11 16 11-0093 | EA | 2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 54,369.30 | 2,579.68 |
| | | *For Gas Filled Transformers, Add* | *29,525.96* | |
| | | *For Single Phase Transformers, Deduct* | *-1,230.25* | |
| | | *For Dry Type Unit, Add* | *11,342.12* | |
| 26 11 16 11-0094 | EA | 3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 63,546.32 | 2,691.84 |
| | | *For Gas Filled Transformers, Add* | *34,897.58* | |
| | | *For Single Phase Transformers, Deduct* | *-1,454.07* | |
| | | *For Dry Type Unit, Add* | *13,334.15* | |
| 26 11 16 11-0095 | EA | 3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer | 77,508.74 | 2,804.00 |
| | | *For Gas Filled Transformers, Add* | *43,140.45* | |
| | | *For Single Phase Transformers, Deduct* | *-1,797.52* | |
| | | *For Dry Type Unit, Add* | *16,378.96* | |

## 26 12 Medium-Voltage Transformers *(26 10)*

### 26 12 13 Liquid-Filled, Medium-Voltage Transformers *(26 12)*

#### 26 12 13 00-0001 Removal And Relocation Of Transformers *(26 12 13)*

| | | | | |
|---|---|---|---|---|
| 26 12 13 00-0002 | EA | Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer | 1,181.30 | |
| 26 12 13 00-0003 | EA | Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers | 2,173.90 | |

#### 26 12 13 00-0004 Single Phase Oil Filled Distribution Transformers *(26 12 13)*

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

#### 26 12 13 00-0005 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA *(26 12 13 00-0004)*

| | | | | |
|---|---|---|---|---|
| 26 12 13 00-0006 | EA | 10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 1,899.37 | 470.43 |
| 26 12 13 00-0007 | EA | 15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 2,314.44 | 588.03 |
| 26 12 13 00-0008 | EA | 25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 2,722.72 | 705.64 |
| 26 12 13 00-0009 | EA | 37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 3,479.64 | 882.05 |
| 26 12 13 00-0010 | EA | 50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 4,146.49 | 1,058.46 |
| 26 12 13 00-0011 | EA | 75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 5,400.02 | 1,234.87 |
| 26 12 13 00-0012 | EA | 100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 6,410.76 | 1,470.08 |

#### 26 12 13 00-0013 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA *(26 12 13 00-0004)*

| | | | | |
|---|---|---|---|---|
| 26 12 13 00-0014 | EA | 10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 1,899.37 | 470.43 |
| 26 12 13 00-0015 | EA | 15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 2,340.76 | 588.03 |
| 26 12 13 00-0016 | EA | 25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 2,722.72 | 705.64 |
| 26 12 13 00-0017 | EA | 37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 3,479.64 | 882.05 |
| 26 12 13 00-0018 | EA | 50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 4,146.49 | 1,058.46 |
| 26 12 13 00-0019 | EA | 75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 5,129.47 | 1,234.87 |
| 26 12 13 00-0020 | EA | 100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 6,273.37 | 1,470.08 |

#### 26 12 13 00-0021 Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0004)*

| | | | | |
|---|---|---|---|---|
| 26 12 13 00-0022 | EA | 10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 1,868.66 | 470.43 |
| 26 12 13 00-0023 | EA | 15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 2,231.09 | 588.03 |
| 26 12 13 00-0024 | EA | 25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 2,640.29 | 705.64 |
| 26 12 13 00-0025 | EA | 37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 3,460.62 | 882.05 |
| 26 12 13 00-0026 | EA | 50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 4,066.17 | 1,058.46 |
| 26 12 13 00-0027 | EA | 75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 5,180.20 | 1,234.87 |
| 26 12 13 00-0028 | EA | 100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 6,286.06 | 1,470.08 |

#### 26 12 13 00-0029 Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0004)*

| | | | | |
|---|---|---|---|---|
| 26 12 13 00-0030 | EA | 10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 2,011.23 | 470.43 |
| 26 12 13 00-0031 | EA | 15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 2,378.04 | 588.03 |
| 26 12 13 00-0032 | EA | 25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 3,025.29 | 705.64 |
| 26 12 13 00-0033 | EA | 37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 3,803.35 | 882.05 |
| 26 12 13 00-0034 | EA | 50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 4,450.37 | 1,058.46 |
| 26 12 13 00-0035 | EA | 75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 5,748.41 | 1,234.87 |
| 26 12 13 00-0036 | EA | 100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 7,203.34 | 1,470.08 |

#### 26 12 13 00-0037 Transformer Platforms *(26 12 13 00-0004)*

| | | | | |
|---|---|---|---|---|
| 26 12 13 00-0038 | EA | Transformer Platforms, 75 - 167 KVA | 4,449.43 | 794.43 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 12 13 00-0039 | | Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN *(26 12 13 00-0004)* | | |
| 26 12 13 00-0040 | EA | 10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 2,141.24 | 470.43 |
| 26 12 13 00-0041 | EA | 15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 2,496.09 | 588.03 |
| 26 12 13 00-0042 | EA | 25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 3,026.42 | 705.64 |
| 26 12 13 00-0043 | EA | 37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 3,801.96 | 882.05 |
| 26 12 13 00-0044 | EA | 50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 4,567.50 | 1,117.26 |
| 26 12 13 00-0045 | EA | 75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 5,751.86 | 1,234.87 |
| 26 12 13 00-0046 | EA | 100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 7,203.34 | 1,470.08 |
| 26 12 13 00-0047 | EA | 167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 9,502.14 | 1,881.70 |
| 26 12 13 00-0048 | EA | 250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 12,351.13 | 2,528.54 |
| 26 12 13 00-0049 | EA | 333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 14,434.58 | 2,940.16 |
| 26 12 13 00-0050 | EA | 500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 17,457.32 | 3,175.37 |
| 26 12 13 00-0051 | | Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL *(26 12 13 00-0004)* | | |
| 26 12 13 00-0052 | EA | 10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 1,899.37 | 576.04 |
| 26 12 13 00-0053 | EA | 15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 2,314.44 | 719.99 |
| 26 12 13 00-0054 | EA | 25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 2,722.24 | 863.11 |
| 26 12 13 00-0055 | EA | 37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 3,480.78 | 1,081.62 |
| 26 12 13 00-0056 | EA | 50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 4,145.40 | 1,295.66 |
| 26 12 13 00-0057 | EA | 75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 5,398.54 | 1,509.00 |
| 26 12 13 00-0058 | EA | 100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase | 6,410.76 | 1,800.08 |
| 26 12 13 00-0059 | | Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN *(26 12 13 00-0004)* | | |
| 26 12 13 00-0060 | EA | 10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 1,899.37 | 576.04 |
| 26 12 13 00-0061 | EA | 15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 2,340.76 | 719.99 |
| 26 12 13 00-0062 | EA | 25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 2,722.24 | 863.11 |
| 26 12 13 00-0063 | EA | 37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 3,480.78 | 1,081.62 |
| 26 12 13 00-0064 | EA | 50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 4,145.40 | 1,295.66 |
| 26 12 13 00-0065 | EA | 75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 5,127.99 | 1,509.00 |
| 26 12 13 00-0066 | EA | 100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 6,273.37 | 1,800.08 |
| 26 12 13 00-0067 | | Primary 7.2 To 14.4 KV Ground Y *(26 12 13 00-0004)* | | |
| 26 12 13 00-0068 | | Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0067)* | | |
| 26 12 13 00-0069 | EA | 10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 1,668.66 | 470.43 |
| 26 12 13 00-0070 | EA | 15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 2,031.49 | 588.03 |
| 26 12 13 00-0071 | EA | 25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 2,386.73 | 705.64 |
| 26 12 13 00-0072 | EA | 37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 3,062.72 | 882.05 |
| 26 12 13 00-0073 | EA | 50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 3,761.35 | 1,058.46 |
| 26 12 13 00-0074 | EA | 75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 5,256.40 | 1,234.87 |
| 26 12 13 00-0075 | EA | 100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase | 6,130.56 | 1,470.08 |
| 26 12 13 00-0076 | | Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN *(26 12 13 00-0067)* | | |
| 26 12 13 00-0077 | EA | 10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 1,598.87 | 470.43 |
| 26 12 13 00-0078 | EA | 15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 1,943.75 | 588.03 |
| 26 12 13 00-0079 | EA | 25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 2,346.85 | 705.64 |
| 26 12 13 00-0080 | EA | 37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 2,982.96 | 882.05 |
| 26 12 13 00-0081 | EA | 50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 3,651.68 | 1,058.46 |
| 26 12 13 00-0082 | EA | 75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 4,857.60 | 1,234.87 |
| 26 12 13 00-0083 | EA | 100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase | 5,731.76 | 1,470.08 |
| 26 12 13 00-0084 | | 3 Phase Oil Filled Distribution Transformers *(26 12 13)* | | |
| 26 12 13 00-0085 | | Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt *(26 12 13 00-0084)*<br>Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL. | | |
| 26 12 13 00-0086 | EA | 112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase | 6,807.00 | 1,646.49 |
| 26 12 13 00-0087 | EA | 150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase | 8,049.91 | 1,764.09 |
| 26 12 13 00-0088 | EA | 225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase | 10,515.22 | 2,234.52 |
| 26 12 13 00-0089 | EA | 300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase | 13,577.48 | 2,822.55 |
| 26 12 13 00-0090 | EA | 500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase | 18,443.09 | 3,175.37 |
| 26 12 13 00-0091 | EA | 750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase | 27,174.63 | 4,233.83 |
| **26 12 16** | | **Dry-Type, Medium-Voltage Transformers** *(26 12)* | | |
| 26 12 16 00-0001 | | Removal and Relocation of Transformers *(26 12 16)* | | |
| 26 12 16 00-0002 | EA | Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer | 465.47 | |
| 26 12 16 00-0003 | EA | Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer | 2,068.73 | |
| **26 12 19** | | **Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers** *(26 12)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 12 19 00-0001 | | **Single Phase Pad Mounted Distribution Transformers** *(26 12 19)*<br>Note: Designed for residential and multi-family buildings. UL listed. | | |
| 26 12 19 00-0002 | | **Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled** *(26 12 19 00-0001)*<br>Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system. | | |
| 26 12 19 00-0003 | | **Primary, 4.16/4.8 KV Ground Y Or Delta** *(26 12 19 00-0002)*<br>Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA. | | |
| 26 12 19 00-0004 | EA | 25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 3,604.02 | 560.80 |
| 26 12 19 00-0005 | EA | 37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 4,016.42 | 672.96 |
| 26 12 19 00-0006 | EA | 50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 4,761.92 | 785.12 |
| 26 12 19 00-0007 | EA | 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 5,694.61 | 841.20 |
| 26 12 19 00-0008 | EA | 100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 6,377.48 | 897.28 |
| 26 12 19 00-0009 | EA | 167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 8,351.06 | 1,177.68 |
| 26 12 19 00-0010 | | **Factory Modifications Material Cost Only** *(26 12 19 00-0002)* | | |
| 26 12 19 00-0011 | EA | Loadbreaker Current Limiting Fuse Factory Modifications | 594.40 | |
| 26 12 19 00-0012 | EA | Loadbreaker Oil Switch, 2 Position Factory Modifications | 624.55 | |
| 26 12 19 00-0013 | EA | Loadbreaker Inserts, Factory Modifications | 687.01 | |
| 26 12 19 00-0014 | | **Distribution - Single Phase Multiple Building Transformer** *(26 12 19 00-0001)*<br>Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below. | | |
| 26 12 19 00-0015 | | **Primary, 4.16/4.8 KVA Ground Y Or Delta** *(26 12 19 00-0014)*<br>Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA. | | |
| 26 12 19 00-0016 | EA | 25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 4,240.51 | 560.80 |
| 26 12 19 00-0017 | EA | 37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 4,856.67 | 560.80 |
| 26 12 19 00-0018 | EA | 50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 5,304.67 | 768.30 |
| 26 12 19 00-0019 | EA | 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 6,484.71 | 768.30 |
| 26 12 19 00-0020 | EA | 100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 7,256.16 | 1,009.44 |
| 26 12 19 00-0021 | EA | 167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 8,774.51 | 1,009.44 |
| 26 12 19 00-0022 | EA | 250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 13,553.82 | 1,402.00 |
| 26 12 19 00-0023 | | **Factory Modifications Material Cost Only** *(26 12 19 00-0014)* | | |
| 26 12 19 00-0024 | EA | Loadbreaker Current Limiting Fuse Factory Modifications | 792.54 | |
| 26 12 19 00-0025 | EA | Lightning Arrestors, Factory Modifications | 200.81 | |
| 26 12 19 00-0026 | EA | Loadbreaker Oil Switch, 2 Position Factory Modifications | 624.55 | |
| 26 12 19 00-0027 | EA | Loop Feed Air Switch, Factory Modifications | 1,016.51 | |
| 26 12 19 00-0028 | EA | Loadbreaker Inserts (Two), Factory Modifications | 271.36 | |
| 26 12 19 00-0029 | EA | Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications | 234.75 | |
| 26 12 19 00-0030 | | **Primary, 12.47 KV Ground Y Or Delta** *(26 12 19 00-0014)*<br>Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA. | | |
| 26 12 19 00-0031 | EA | 25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 4,532.61 | 560.80 |
| 26 12 19 00-0032 | EA | 37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 4,953.94 | 560.80 |
| 26 12 19 00-0033 | EA | 50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 5,266.46 | 768.30 |
| 26 12 19 00-0034 | EA | 75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 6,251.12 | 768.30 |
| 26 12 19 00-0035 | EA | 100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 7,740.70 | 1,009.44 |
| 26 12 19 00-0036 | EA | 167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 9,628.79 | 1,009.55 |
| 26 12 19 00-0037 | EA | 250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt | 12,190.54 | 1,402.00 |
| 26 12 19 00-0038 | | **Oil Filled Distribution Transformer Single Phase Cluster Mounted** *(26 12 19 00-0001)*<br>Note: Conventional type. | | |
| 26 12 19 00-0039 | | **13.8/14.4 KV Ground Y Or Delta Primary 120/240V** *(26 12 19 00-0038)*<br>Note: 2.5 Taps FCBN and FCAN. | | |
| 26 12 19 00-0040 | EA | 10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,119.41 | 400.70 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 12 19 00-0041 | EA | 37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,956.42 | 563.48 |
| 26 12 19 00-0042 | EA | 50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,980.70 | 901.57 |
| 26 12 19 00-0043 | EA | 100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 10,194.98 | 901.57 |
| 26 12 19 00-0044 | EA | 167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 13,894.93 | 1,477.57 |
| 26 12 19 00-0045 | EA | 250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 18,223.78 | 1,477.57 |
| 26 12 19 00-0046 | | Oil Filled Distribution Transformer Single Phase *(26 12 19 00-0001)* | | |
| 26 12 19 00-0047 | | 7.2 KV Primary, 120/240 Volt Secondary *(26 12 19 00-0046)* | | |
| 26 12 19 00-0048 | EA | 10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,041.64 | 425.74 |
| 26 12 19 00-0049 | EA | 15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,328.81 | 425.74 |
| 26 12 19 00-0050 | EA | 25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,888.00 | 601.04 |
| 26 12 19 00-0051 | EA | 37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,078.39 | 601.04 |
| 26 12 19 00-0052 | EA | 50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,857.56 | 813.91 |
| 26 12 19 00-0053 | EA | 100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 9,996.36 | 1,252.17 |
| 26 12 19 00-0054 | EA | 167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 13,739.39 | 1,252.17 |
| 26 12 19 00-0055 | EA | 250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 17,983.69 | 1,565.22 |
| 26 12 19 00-0056 | | 7.2 KV Primary, 240/480 Volt Secondary *(26 12 19 00-0046)* | | |
| 26 12 19 00-0057 | EA | 10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,041.64 | 425.74 |
| 26 12 19 00-0058 | EA | 15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,328.89 | 425.74 |
| 26 12 19 00-0059 | EA | 25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,888.00 | 601.04 |
| 26 12 19 00-0060 | EA | 37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,078.39 | 601.04 |
| 26 12 19 00-0061 | EA | 50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,857.56 | 813.91 |
| 26 12 19 00-0062 | EA | 75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 8,836.99 | 1,101.91 |
| 26 12 19 00-0063 | EA | 100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 9,996.36 | 1,101.91 |
| 26 12 19 00-0064 | EA | 167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 13,739.39 | 1,389.90 |
| 26 12 19 00-0065 | EA | 250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 17,983.69 | 1,565.22 |
| 26 12 19 00-0066 | | 2.4 KV Primary, 277 Volt Secondary *(26 12 19 00-0046)* | | |
| 26 12 19 00-0067 | EA | 10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,285.69 | 425.74 |
| 26 12 19 00-0068 | EA | 15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,594.78 | 425.74 |
| 26 12 19 00-0069 | EA | 25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 4,203.33 | 601.04 |
| 26 12 19 00-0070 | EA | 37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,481.22 | 601.04 |
| 26 12 19 00-0071 | EA | 50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 6,318.91 | 813.91 |
| 26 12 19 00-0072 | EA | 75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 9,391.33 | 1,101.91 |
| 26 12 19 00-0073 | EA | 100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 10,849.22 | 1,101.91 |
| 26 12 19 00-0074 | EA | 167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 14,936.45 | 1,389.90 |
| 26 12 19 00-0075 | EA | 250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 19,606.45 | 1,565.22 |
| 26 12 19 00-0076 | | 2.4 KV Primary, 120/240 Volt Secondary *(26 12 19 00-0046)* | | |
| 26 12 19 00-0077 | EA | 10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,041.64 | 425.74 |
| 26 12 19 00-0078 | EA | 15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,328.81 | 425.74 |
| 26 12 19 00-0079 | EA | 25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,888.00 | 817.80 |
| 26 12 19 00-0080 | EA | 37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,078.39 | 1,101.91 |
| 26 12 19 00-0081 | EA | 50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,857.56 | 813.91 |
| 26 12 19 00-0082 | EA | 75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 8,663.36 | 1,101.91 |
| 26 12 19 00-0083 | EA | 100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 9,994.77 | 1,101.91 |
| 26 12 19 00-0084 | | 2.4 KV Primary, 240/480 Volt Secondary *(26 12 19 00-0046)* | | |
| 26 12 19 00-0085 | EA | 10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,041.64 | 425.74 |
| 26 12 19 00-0086 | EA | 15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,328.81 | 425.74 |
| 26 12 19 00-0087 | EA | 25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,888.00 | 601.04 |
| 26 12 19 00-0088 | EA | 37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,078.39 | 601.04 |
| 26 12 19 00-0089 | EA | 50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,857.56 | 813.91 |
| 26 12 19 00-0090 | EA | 75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 8,663.36 | 1,101.91 |
| 26 12 19 00-0091 | EA | 100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 9,994.77 | 1,101.91 |
| 26 12 19 00-0092 | | 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary *(26 12 19 00-0046)* | | |
| 26 12 19 00-0093 | EA | 10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 2,662.15 | 438.26 |
| 26 12 19 00-0094 | EA | 15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 2,900.10 | 488.35 |
| 26 12 19 00-0095 | EA | 25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 3,474.43 | 538.43 |
| 26 12 19 00-0096 | EA | 37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 4,494.12 | 751.30 |
| 26 12 19 00-0097 | EA | 50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 5,049.13 | 876.52 |
| 26 12 19 00-0098 | EA | 75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 6,772.60 | 1,026.78 |
| 26 12 19 00-0099 | EA | 100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 8,076.44 | 1,177.04 |
| 26 12 19 00-0100 | EA | 167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 12,254.58 | 1,502.60 |
| 26 12 19 00-0101 | EA | 250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase | 16,484.52 | 1,690.43 |

## 26 13 Medium-Voltage Switchgear *(26 10)*

### 26 13 16 Medium-Voltage Fusible Interrupter Switchgear *(26 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 13 16 00-0001 | | "Switchyard", Substation Secondary Distribution Section *(26 13 16)*<br>Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals. | | |
| 26 13 16 00-0002 | | 4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)* | | |
| 26 13 16 00-0003 | EA | 1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 13,077.46 | 1,302.25 |
| | | *For Weatherproofing, Add* | *2,694.43* | |
| 26 13 16 00-0004 | EA | 1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 13,717.30 | 1,302.25 |
| | | *For Weatherproofing, Add* | *2,835.20* | |
| 26 13 16 00-0005 | EA | 1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 18,658.74 | 1,659.13 |
| | | *For Weatherproofing, Add* | *3,885.24* | |
| 26 13 16 00-0006 | EA | 2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 25,375.93 | 1,659.13 |
| | | *For Weatherproofing, Add* | *5,335.10* | |
| 26 13 16 00-0007 | EA | 2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 36,300.49 | 2,003.47 |
| | | *For Weatherproofing, Add* | *7,705.17* | |
| 26 13 16 00-0008 | EA | 3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 33,165.26 | 2,003.47 |
| | | *For Weatherproofing, Add* | *7,001.23* | |
| 26 13 16 00-0009 | | 7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)* | | |
| 26 13 16 00-0010 | EA | 1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 19,445.75 | 1,502.60 |
| | | *For Weatherproofing, Add* | *4,076.57* | |
| 26 13 16 00-0011 | EA | 2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 23,894.23 | 1,878.25 |
| | | *For Weatherproofing, Add* | *4,993.51* | |
| 26 13 16 00-0012 | EA | 3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 33,536.13 | 2,253.90 |
| | | *For Weatherproofing, Add* | *7,070.40* | |
| 26 13 16 00-0013 | | 13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)* | | |
| 26 13 16 00-0014 | EA | 1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 18,776.53 | 1,502.60 |
| | | *For Weatherproofing, Add* | *3,912.80* | |
| 26 13 16 00-0015 | EA | 1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 25,805.22 | 1,502.60 |
| | | *For Weatherproofing, Add* | *5,423.08* | |
| 26 13 16 00-0016 | EA | 1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 37,622.70 | 2,003.47 |
| | | *For Weatherproofing, Add* | *7,981.87* | |
| 26 13 16 00-0017 | EA | 2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 23,625.04 | 2,003.47 |
| | | *For Weatherproofing, Add* | *4,919.25* | |
| 26 13 16 00-0018 | EA | 2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 34,219.49 | 2,504.34 |
| | | *For Weatherproofing, Add* | *7,214.12* | |
| 26 13 16 00-0019 | EA | 2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 47,801.45 | 2,504.34 |
| | | *For Weatherproofing, Add* | *10,164.30* | |
| 26 13 16 00-0020 | EA | 3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 32,967.88 | 2,504.34 |
| | | *For Weatherproofing, Add* | *6,928.30* | |
| 26 13 16 00-0021 | EA | 3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 45,627.60 | 2,504.34 |
| | | *For Weatherproofing, Add* | *9,677.36* | |
| 26 13 16 00-0022 | EA | 3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section | 59,071.82 | 2,504.34 |
| | | *For Weatherproofing, Add* | *12,600.97* | |
| 26 13 16 00-0023 | | 4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)* | | |
| 26 13 16 00-0024 | EA | 1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 5,902.99 | 820.17 |
| | | *For Weatherproofing, Add* | *1,183.63* | |
| 26 13 16 00-0025 | EA | 1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 7,637.60 | 820.17 |
| | | *For Weatherproofing, Add* | *1,565.24* | |
| 26 13 16 00-0026 | EA | 2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 8,311.63 | 1,089.39 |
| | | *For Weatherproofing, Add* | *1,676.39* | |
| 26 13 16 00-0027 | EA | 2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 10,299.49 | 1,346.08 |
| | | *For Weatherproofing, Add* | *2,077.39* | |
| 26 13 16 00-0028 | EA | 3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 13,810.19 | 1,346.08 |
| | | *For Weatherproofing, Add* | *2,849.74* | |
| 26 13 16 00-0029 | | 7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)* | | |
| 26 13 16 00-0030 | EA | 1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 7,453.30 | 1,252.17 |
| | | *For Weatherproofing, Add* | *1,508.71* | |
| 26 13 16 00-0031 | EA | 2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 9,748.48 | 1,252.17 |
| | | *For Weatherproofing, Add* | *1,976.75* | |
| 26 13 16 00-0032 | EA | 3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 14,817.93 | 1,252.17 |
| | | *For Weatherproofing, Add* | *3,055.63* | |
| 26 13 16 00-0033 | | 13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 13 16 00-0034 | EA | 1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 7,700.34 | 1,064.35 |
| | | *For Weatherproofing, Add* | *1,545.76* | |
| 26 13 16 00-0035 | EA | 1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 8,202.36 | 1,064.35 |
| | | *For Weatherproofing, Add* | *1,656.21* | |
| 26 13 16 00-0036 | EA | 1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 11,723.83 | 1,314.78 |
| | | *For Weatherproofing, Add* | *2,394.32* | |
| 26 13 16 00-0037 | EA | 2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 10,511.73 | 1,577.73 |
| | | *For Weatherproofing, Add* | *2,091.24* | |
| 26 13 16 00-0038 | EA | 2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 12,877.44 | 1,577.73 |
| | | *For Weatherproofing, Add* | *2,611.69* | |
| 26 13 16 00-0039 | EA | 2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 14,811.06 | 1,840.69 |
| | | *For Weatherproofing, Add* | *2,999.87* | |
| 26 13 16 00-0040 | EA | 3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 13,931.46 | 2,103.65 |
| | | *For Weatherproofing, Add* | *2,769.80* | |
| 26 13 16 00-0041 | EA | 3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 15,552.51 | 2,103.65 |
| | | *For Weatherproofing, Add* | *3,126.43* | |
| 26 13 16 00-0042 | EA | 3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 19,127.27 | 2,354.08 |
| | | *For Weatherproofing, Add* | *3,875.98* | |

### 26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections *(26 13 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 13 16 00-0044 | EA | 1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section | 3,789.69 | 793.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *476.11* | |
| 26 13 16 00-0045 | EA | 2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section | 4,720.09 | 880.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *528.34* | |
| 26 13 16 00-0046 | EA | 3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section | 6,146.99 | 1,059.34 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *635.62* | |
| 26 13 16 00-0047 | EA | 3-Phase Pothead Termination Accessories, Secondary Distribution Section | 4,032.01 | 1,593.14 |
| 26 13 16 00-0048 | EA | 5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section | 4,574.97 | 100.48 |
| 26 13 16 00-0049 | EA | 5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section | 6,107.22 | 100.48 |
| 26 13 16 00-0050 | EA | 5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section | 11,174.92 | 100.48 |
| 26 13 16 00-0051 | EA | 15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section | 8,784.47 | 100.48 |
| 26 13 16 00-0052 | EA | 15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section | 9,588.81 | 100.48 |
| 26 13 16 00-0053 | EA | 15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section | 13,048.56 | 100.48 |
| 26 13 16 00-0054 | EA | 6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section | 2,078.25 | 100.48 |
| 26 13 16 00-0055 | EA | 9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section | 2,347.57 | 100.48 |
| 26 13 16 00-0056 | EA | 15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section | 3,560.27 | 100.48 |
| 26 13 16 00-0057 | EA | Overcurrent Phase Protection, Time And Instantaneous Device 67 | 2,282.79 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 16 00-0058 | EA | AC Ammeter With Switch | 899.76 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 16 00-0059 | EA | AC Voltmeter With Switch And Potential Transformer | 899.76 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 16 00-0060 | EA | Indicating Wattmeter | 1,324.86 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 16 00-0061 | EA | Indicating Varmeter | 1,560.70 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 16 00-0062 | EA | Indicating Watt-hour Meter, 2 Element | 984.20 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 16 00-0063 | EA | Ground Protection, Time Or Instantaneous Device 67N | 2,307.95 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 16 00-0064 | EA | Differential Generator Protection Single Phase NEMA Device 87 | 4,326.03 | 100.48 |
| 26 13 16 00-0065 | EA | Current Transformers 5 And 15 KV Single Secondary | 613.69 | 100.48 |
| 26 13 16 00-0066 | EA | Potential Transformers 5 KV And 15 KV With Primary Fuses | 2,890.59 | 100.48 |

## 26 13 19 Medium-Voltage Vacuum Interrupter Switchgear *(26 13)*

### 26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV *(26 13 19)*

| | | | | |
|---|---|---|---|---|
| 26 13 19 00-0002 | EA | 1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 46,781.55 | 1,565.22 |
| 26 13 19 00-0003 | EA | 1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 51,678.10 | 1,978.43 |
| 26 13 19 00-0004 | EA | 1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 58,679.89 | 1,978.43 |
| 26 13 19 00-0005 | EA | 2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 53,581.81 | 1,565.22 |
| 26 13 19 00-0006 | EA | 2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 60,242.29 | 1,565.22 |
| 26 13 19 00-0007 | EA | 2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 68,670.18 | 1,840.69 |
| 26 13 19 00-0008 | EA | 3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 70,889.22 | 2,103.65 |
| 26 13 19 00-0009 | EA | 3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 77,583.52 | 2,103.65 |
| 26 13 19 00-0010 | EA | 3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section | 84,783.86 | 2,366.60 |

## 26 13 29 Medium-Voltage Compartmentalized Switchgear *(26 13)*

### 26 13 29 00-0001 Substation Secondary Distribution Section *(26 13 29)*

Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.

### 26 13 29 00-0002 Switchgear Compartment Complete With Air Circuit Breaker *(26 13 29 00-0001)*

Note: With solid state long - time and instantaneous trips.

| | | | | |
|---|---|---|---|---|
| 26 13 29 00-0003 | EA | 800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206 | 14,888.34 | 972.61 |
| 26 13 29 00-0004 | EA | 1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416 | 23,541.61 | 1,470.49 |
| 26 13 29 00-0005 | EA | 2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420 | 31,875.99 | 1,806.27 |
| 26 13 29 00-0006 | EA | 3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632 | 52,900.74 | 2,095.74 |
| 26 13 29 00-0007 | EA | 4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840 | 67,980.80 | 2,385.21 |

### 26 13 29 00-0008 Switchgear Compartment Without Circuit Breaker *(26 13 29 00-0001)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 13 29 00-0009 | EA | 800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 6,591.54 | 295.25 |
| 26 13 29 00-0010 | EA | 1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 7,616.57 | 295.25 |
| 26 13 29 00-0011 | EA | 2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 9,964.61 | 434.20 |
| 26 13 29 00-0012 | EA | 3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 14,235.35 | 434.20 |
| 26 13 29 00-0013 | EA | 4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section | 23,761.15 | 636.82 |
| 26 13 29 00-0014 | | Switchgear Compartment, Blank, Use As Filler Or Metering *(26 13 29 00-0001)* | | |
| | | Note: No provisions for future breaker. | | |
| 26 13 29 00-0015 | EA | 600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section | 3,068.81 | 329.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *188.69* | |
| 26 13 29 00-0016 | EA | 3,000 Amperes, Blank Section Filler, Secondary Distribution Section | 3,826.37 | 329.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *221.51* | |
| 26 13 29 00-0017 | EA | 4,000 Amperes, Blank Section Filler, Secondary Distribution Section | 5,021.54 | 509.46 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *318.41* | |
| 26 13 29 00-0018 | | Accessories For Substation Secondary Distribution *(26 13 29 00-0001)* | | |
| 26 13 29 00-0019 | EA | Short Time Delay Accessories, Secondary Distribution Section | 1,626.57 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 29 00-0020 | EA | Key Interlock Accessories, Secondary Distribution Section | 1,284.17 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 29 00-0021 | EA | Ammeter And Switch Complete Accessories, Secondary Distribution Section | 3,887.71 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 29 00-0022 | EA | Voltmeter And Switch Complete Accessories, Secondary Distribution Section | 3,887.71 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 29 00-0023 | EA | Wattmeter - Complete Accessories, Secondary Distribution Section | 5,115.19 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 29 00-0024 | EA | Watt-hour Meter - Complete Accessories, Secondary Distribution Section | 6,601.08 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 29 00-0025 | EA | Circuit Breaker Lifting Device Accessories, Secondary Distribution Section | 2,918.83 | 114.61 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *68.75* | |
| 26 13 29 00-0026 | EA | Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section | 10,014.61 | 1,697.41 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,018.45* | |
| 26 13 29 00-0027 | EA | Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800 | 1,807.46 | 100.48 |
| 26 13 29 00-0028 | EA | Potential Transformers Each With Fuses Accessories, Secondary Distribution Section | 2,108.23 | 100.48 |
| 26 13 29 00-0029 | EA | Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section | 1,123.38 | 50.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *30.14* | |
| 26 13 29 00-0030 | EA | 3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section | 8,270.02 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 13 29 00-0031 | EA | 3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section | 1,071.70 | 50.24 |

## 26 18 Medium-Voltage Circuit Protection Devices *(26 10)*

### 26 18 36 Medium-Voltage Enclosed Fuses *(26 18)*

26 18 36 00-0001 Sectionalizing Switch *(26 18 36)*

26 18 36 00-0002 Pad Mounted Metal Enclosed Oil Filled Switching Units *(26 18 36 00-0001)*
Note: 15 KV - 25 KV.

26 18 36 00-0003 Sectionalizing Tapping And Fusing Underground Feeders *(26 18 36 00-0002)*
Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.

| | | | | |
|---|---|---|---|---|
| 26 18 36 00-0004 | EA | 3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground | 25,782.53 | 841.20 |
| 26 18 36 00-0005 | EA | 3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground | 28,950.49 | 841.20 |

# 26 20 Low-Voltage Electrical Distribution *(26)*

## 26 21 Low-Voltage Electrical Service Entrance *(26 20)*

See CSI section 26 05 13 00-0000 for wire and cables.

### 26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

26 21 13 00-0001 Service Drop Cable And Weatherheads *(26 21 13)*

26 21 13 00-0002 600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*

26 21 13 00-0003 Aluminum Duplex ACSR Neutral *(26 21 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 21 13 00-0004 | LF | #6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable | 7.63 | 2.98 |
| 26 21 13 00-0005 | LF | #4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable | 9.10 | 3.52 |
| 26 21 13 00-0006 | LF | #2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable | 10.42 | 3.98 |
| 26 21 13 00-0007 | LF | 1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable | 13.43 | 5.01 |

26 21 13 00-0008 Aluminum Triplex ACSR Neutral *(26 21 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 21 13 00-0009 | LF | #6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable | 9.15 | 3.52 |
| 26 21 13 00-0010 | LF | #4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable | 10.37 | 3.98 |
| 26 21 13 00-0011 | LF | #2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable | 13.11 | 5.01 |
| 26 21 13 00-0012 | LF | 1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable | 16.16 | 6.11 |
| 26 21 13 00-0013 | LF | 2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable | 21.27 | 8.08 |
| 26 21 13 00-0014 | LF | 4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable | 26.66 | 10.02 |
| 26 21 13 00-0015 | LF | 336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable | 33.25 | 11.93 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 21 13 00-0016 | | Aluminum Quadruplex ACSR Neutral *(26 21 13 00-0002)* | | |
| 26 21 13 00-0017 | LF | #6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable | 10.38 | 3.98 |
| 26 21 13 00-0018 | LF | #4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable | 13.11 | 5.01 |
| 26 21 13 00-0019 | LF | #2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable | 16.86 | 6.42 |
| 26 21 13 00-0020 | LF | 1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable | 21.52 | 8.08 |
| 26 21 13 00-0021 | LF | 2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable | 23.88 | 8.94 |
| 26 21 13 00-0022 | LF | 3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable | 27.09 | 10.02 |
| 26 21 13 00-0023 | LF | 4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable | 32.08 | 11.93 |
| 26 21 13 00-0024 | LF | 336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable | 37.31 | 13.18 |
| 26 21 13 00-0025 | | Weatherproof Conduit Hubs *(26 21 13 00-0002)* | | |
| 26 21 13 00-0026 | EA | 1/2" Weatherproof Conduit Hubs | 51.38 | 19.36 |
| 26 21 13 00-0027 | EA | 3/4" Weatherproof Conduit Hubs | 58.64 | 21.99 |
| 26 21 13 00-0028 | EA | 1" Weatherproof Conduit Hubs | 68.45 | 24.64 |
| 26 21 13 00-0029 | EA | 1-1/4" Weatherproof Conduit Hubs | 95.97 | 33.00 |
| 26 21 13 00-0030 | EA | 1-1/2" Weatherproof Conduit Hubs | 105.78 | 35.64 |
| 26 21 13 00-0031 | EA | 2" Weatherproof Conduit Hubs | 138.39 | 41.36 |
| 26 21 13 00-0032 | EA | 2-1/2" Weatherproof Conduit Hubs | 184.56 | 46.63 |
| 26 21 13 00-0033 | EA | 3" Weatherproof Conduit Hubs | 240.26 | 54.99 |
| 26 21 13 00-0034 | EA | 4" Weatherproof Conduit Hubs | 420.94 | 109.99 |
| 26 21 13 00-0035 | | Service Entrance Cap, Threaded Weatherhead, Galvanized *(26 21 13 00-0002)* | | |
| 26 21 13 00-0036 | EA | 1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service | 56.19 | 19.36 |
| 26 21 13 00-0037 | EA | 3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service | 64.38 | 21.99 |
| 26 21 13 00-0038 | EA | 1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service | 73.60 | 24.64 |
| 26 21 13 00-0039 | EA | 1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service | 98.86 | 33.00 |
| 26 21 13 00-0040 | EA | 1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service | 111.40 | 35.64 |
| 26 21 13 00-0041 | EA | 2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service | 145.04 | 41.36 |
| 26 21 13 00-0042 | EA | 2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service | 238.48 | 46.63 |
| 26 21 13 00-0043 | EA | 3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service | 271.94 | 54.99 |
| 26 21 13 00-0044 | EA | 4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service | 451.84 | 109.99 |
| 26 21 13 00-0045 | | Service Entrance Cap, Clamp-On Weatherhead, Aluminum *(26 21 13 00-0002)* | | |
| 26 21 13 00-0046 | EA | 1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service | 54.49 | 19.36 |
| 26 21 13 00-0047 | EA | 3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service | 61.52 | 21.99 |
| 26 21 13 00-0048 | EA | 1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service | 69.73 | 24.53 |
| 26 21 13 00-0049 | EA | 1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service | 92.74 | 33.00 |
| 26 21 13 00-0050 | EA | 1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service | 103.14 | 35.64 |
| 26 21 13 00-0051 | EA | 2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service | 121.44 | 41.36 |
| 26 21 13 00-0052 | EA | 2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service | 194.21 | 46.63 |
| 26 21 13 00-0053 | EA | 3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service | 249.68 | 54.99 |
| 26 21 13 00-0054 | EA | 3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service | 352.72 | 82.49 |
| 26 21 13 00-0055 | EA | 4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service | 425.34 | 109.99 |
| 26 21 13 00-0056 | | Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) *(26 21 13 00-0002)* | | |
| 26 21 13 00-0057 | EA | 1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service | 53.42 | 19.36 |
| 26 21 13 00-0058 | EA | 3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service | 61.14 | 21.99 |
| 26 21 13 00-0059 | EA | 1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service | 69.52 | 24.53 |
| 26 21 13 00-0060 | EA | 1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service | 92.57 | 33.00 |
| 26 21 13 00-0061 | EA | 1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service | 100.89 | 35.64 |
| 26 21 13 00-0062 | EA | 2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service | 124.23 | 41.36 |
| 26 21 13 00-0063 | EA | 2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service | 212.55 | 46.63 |
| 26 21 13 00-0064 | EA | 3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service | 237.60 | 54.99 |
| 26 21 13 00-0065 | EA | 3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service | 410.86 | 82.49 |
| 26 21 13 00-0066 | EA | 4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service | 569.97 | 109.99 |

## 26 21 16 Low-Voltage Underground Electrical Service Entrance *(26 21)*

| | | | | |
|---|---|---|---|---|
| 26 21 16 00-0001 | | Aluminum Triplex For Underground Service, Direct Burial *(26 21 16)*<br>Note: Excludes excavation and backfill. | | |
| 26 21 16 00-0002 | MLF | #6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial | 3,170.97 | 1,113.05 |
| 26 21 16 00-0003 | MLF | #4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial | 3,462.47 | 1,178.54 |
| 26 21 16 00-0004 | MLF | #2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial | 3,846.22 | 1,252.17 |
| 26 21 16 00-0005 | MLF | 1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial | 4,152.95 | 1,252.17 |
| 26 21 16 00-0006 | MLF | 2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial | 4,521.00 | 1,335.69 |
| 26 21 16 00-0007 | MLF | 3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial | 5,291.28 | 1,541.17 |
| 26 21 16 00-0008 | MLF | 4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial | 6,686.06 | 2,003.47 |

## 26 22 Low-Voltage Transformers *(26 20)*

### 26 22 13 Low-Voltage Distribution Transformers *(26 22)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 22 13 00-0001 | | **Single Phase General Purpose "Dry Type" Transformers** *(26 22 13)*<br>Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed. | | |
| 26 22 13 00-0002 | | **480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*<br>Note: 2-2.5 Percent taps above and 4-2.5 percent taps below. | | |
| 26 22 13 00-0003 | EA | 1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 790.23 | 288.38 |
| 26 22 13 00-0004 | EA | 3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 1,017.08 | 346.06 |
| 26 22 13 00-0005 | EA | 5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 1,185.70 | 361.06 |
| 26 22 13 00-0006 | EA | 7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 1,355.63 | 374.90 |
| 26 22 13 00-0007 | EA | 10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 1,757.10 | 403.74 |
| 26 22 13 00-0008 | EA | 15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 2,030.90 | 432.57 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *58.29* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *87.43* | |
| 26 22 13 00-0009 | EA | 25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 2,209.51 | 461.42 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *64.33* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *96.50* | |
| 26 22 13 00-0010 | EA | 37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 2,237.63 | 519.10 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *59.97* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *89.96* | |
| 26 22 13 00-0011 | EA | 50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 2,613.05 | 576.77 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *72.98* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *109.46* | |
| 26 22 13 00-0012 | EA | 75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 3,362.63 | 692.12 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *98.92* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *148.38* | |
| 26 22 13 00-0013 | EA | 100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 4,173.70 | 807.48 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *127.94* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *191.91* | |
| 26 22 13 00-0014 | EA | 167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 6,320.52 | 1,038.18 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *212.21* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *318.31* | |
| 26 22 13 00-0015 | EA | 250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 10,589.36 | 1,268.90 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *402.58* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *603.87* | |
| 26 22 13 00-0016 | EA | 333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose | 15,873.87 | 1,441.93 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *649.50* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *974.25* | |
| 26 22 13 00-0017 | | **240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*<br>Note: 1-10 Percent x 2-5 percent FCBN taps. | | |
| 26 22 13 00-0018 | EA | 3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 917.74 | 346.06 |
| 26 22 13 00-0019 | EA | 5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 1,026.52 | 360.48 |
| 26 22 13 00-0020 | EA | 7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 1,177.69 | 374.90 |
| 26 22 13 00-0021 | EA | 10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 1,338.66 | 403.74 |
| 26 22 13 00-0022 | | **240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*<br>Note: 2-5 Percent x 4 - 2.5 percent FCBN taps. | | |
| 26 22 13 00-0023 | EA | 15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 2,030.90 | 432.57 |
| 26 22 13 00-0024 | EA | 25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 2,209.51 | 461.42 |
| 26 22 13 00-0025 | | **1 Phase Mounting Brackets** *(26 22 13 00-0001)* | | |
| 26 22 13 00-0026 | EA | 1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA | 555.62 | 200.97 |
| 26 22 13 00-0027 | | **1 Phase Weathershields** *(26 22 13 00-0001)*<br>Note: Use with types DT-3 and DS-3. | | |
| 26 22 13 00-0028 | EA | 37.5 KVA 1 Phase Weathershields, Set Of 2 | 41.99 | |
| 26 22 13 00-0029 | EA | 50 KVA 1 Phase Weathershields, Set Of 2 | 53.53 | |
| 26 22 13 00-0030 | EA | 75 KVA 1 Phase Weathershields, Set Of 2 | 63.83 | |
| 26 22 13 00-0031 | EA | 100 KVA 1 Phase Weathershields, Set Of 2 | 76.15 | |
| 26 22 13 00-0032 | EA | 167 KVA 1 Phase Weathershields, Set Of 2 | 103.02 | |
| 26 22 13 00-0033 | EA | 250 KVA 1 Phase Weathershields, Set Of 2 | 123.18 | |
| 26 22 13 00-0034 | EA | 333 KVA 1 Phase Weathershields, Set Of 2 | 151.18 | |
| 26 22 13 00-0035 | | **Packaged Power Supply** *(26 22 13 00-0001)*<br>Note: 2-5 Percent FCBN taps. | | |
| 26 22 13 00-0036 | EA | 5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers | 1,338.34 | 360.48 |
| 26 22 13 00-0037 | EA | 7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers | 1,471.69 | 374.90 |
| 26 22 13 00-0038 | EA | 10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers | 1,591.62 | 403.74 |
| 26 22 13 00-0039 | EA | 15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers | 1,882.88 | 432.57 |
| 26 22 13 00-0040 | EA | 25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers | 2,440.85 | 461.42 |
| 26 22 13 00-0041 | | **240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade** *(26 22 13 00-0001)* | | |
| 26 22 13 00-0042 | EA | 0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer | 983.83 | 259.55 |
| 26 22 13 00-0043 | EA | 1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer | 1,299.06 | 288.38 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 22 13 00-0044 | EA | 2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer | 1,526.39 | 346.06 |
| 26 22 13 00-0045 | EA | 5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer | 1,661.63 | 360.48 |
| 26 22 13 00-0046 | EA | 7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer | 1,836.03 | 374.90 |
| 26 22 13 00-0047 | EA | 10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer | 2,274.46 | 403.74 |
| 26 22 13 00-0048 | EA | 15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer | 2,845.02 | 432.57 |
| **26 22 13 00-0049** | | **1 Phase, 208/600 Volt, Dry General Purpose Transformer** *(26 22 13 00-0001)* | | |
| 26 22 13 00-0050 | EA | 15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 3,385.16 | 432.57 |
| 26 22 13 00-0051 | EA | 25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 3,526.36 | 461.42 |
| 26 22 13 00-0052 | EA | 30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 3,676.45 | 490.25 |
| 26 22 13 00-0053 | EA | 37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 4,700.66 | 519.10 |
| 26 22 13 00-0054 | EA | 45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 4,894.78 | 547.93 |
| 26 22 13 00-0055 | EA | 50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry | 6,345.82 | 576.77 |
| **26 22 13 00-0056** | | **3 Phase General Purpose "Dry Type" Transformer** *(26 22 13)* | | |
| | | Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed. | | |
| **26 22 13 00-0057** | | **Packaged Power Supply** *(26 22 13 00-0056)* | | |
| | | Note: 2-5 Percent FCBN taps. | | |
| 26 22 13 00-0058 | EA | 15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers | 5,439.31 | 1,240.05 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *147.96* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *221.94* | |
| 26 22 13 00-0059 | EA | 22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers | 6,320.23 | 1,326.57 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *183.35* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *275.03* | |
| 26 22 13 00-0060 | EA | 30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers | 7,383.31 | 1,441.93 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *224.97* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *337.46* | |
| **26 22 13 00-0061** | | **Drive Isolation Transformers** *(26 22 13 00-0056)* | | |
| | | Note: Only use in step-up applications. | | |
| **26 22 13 00-0062** | | **230 Volt Drive Isolation Transformers** *(26 22 13 00-0061)* | | |
| 26 22 13 00-0063 | EA | 7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 3,541.92 | 461.42 |
| 26 22 13 00-0064 | EA | 11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 4,089.46 | 490.25 |
| 26 22 13 00-0065 | EA | 15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 4,245.10 | 519.10 |
| 26 22 13 00-0066 | EA | 20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 4,938.94 | 547.93 |
| 26 22 13 00-0067 | EA | 27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 5,154.88 | 605.61 |
| 26 22 13 00-0068 | EA | 34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 5,664.73 | 663.29 |
| 26 22 13 00-0069 | EA | 40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 6,373.14 | 720.97 |
| 26 22 13 00-0070 | EA | 51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 7,380.88 | 807.48 |
| 26 22 13 00-0071 | EA | 63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 7,946.69 | 836.31 |
| 26 22 13 00-0072 | EA | 75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 9,063.77 | 865.16 |
| 26 22 13 00-0073 | EA | 93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 11,189.29 | 893.99 |
| 26 22 13 00-0074 | EA | 118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 12,662.87 | 1,095.86 |
| 26 22 13 00-0075 | EA | 145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 14,049.23 | 1,153.54 |
| 26 22 13 00-0076 | EA | 175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 15,973.78 | 1,211.22 |
| 26 22 13 00-0077 | EA | 220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 19,446.17 | 1,441.93 |
| 26 22 13 00-0078 | EA | 275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 25,535.25 | 1,701.47 |
| 26 22 13 00-0079 | EA | 330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 27,038.68 | 1,874.50 |
| 26 22 13 00-0080 | EA | 440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 32,702.81 | 2,076.37 |
| 26 22 13 00-0081 | EA | 550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 40,084.89 | 2,307.08 |
| **26 22 13 00-0082** | | **208V Drive Isolation Transformers** *(26 22 13 00-0061)* | | |
| 26 22 13 00-0083 | EA | 7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 3,675.23 | 461.42 |
| 26 22 13 00-0084 | EA | 11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 4,247.70 | 490.25 |
| 26 22 13 00-0085 | EA | 15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 4,408.33 | 519.10 |
| 26 22 13 00-0086 | EA | 20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 5,134.55 | 547.93 |
| 26 22 13 00-0087 | EA | 27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 5,355.61 | 605.61 |
| 26 22 13 00-0088 | EA | 30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 5,827.87 | 634.44 |
| 26 22 13 00-0089 | EA | 45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 6,681.80 | 749.80 |
| 26 22 13 00-0090 | EA | 51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 7,674.36 | 807.48 |
| 26 22 13 00-0091 | EA | 63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 8,266.04 | 836.31 |
| 26 22 13 00-0092 | EA | 75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 9,437.04 | 865.16 |
| 26 22 13 00-0093 | EA | 93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 11,667.81 | 893.99 |
| 26 22 13 00-0094 | EA | 118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 13,195.85 | 1,095.86 |
| 26 22 13 00-0095 | EA | 145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 14,646.91 | 1,153.54 |
| 26 22 13 00-0096 | EA | 175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 16,663.54 | 1,211.22 |
| 26 22 13 00-0097 | EA | 220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers | 20,289.20 | 1,441.93 |
| **26 22 13 00-0098** | | **480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps** *(26 22 13 00-0056)* | | |
| 26 22 13 00-0099 | EA | 9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 2,658.24 | 475.84 |
| 26 22 13 00-0100 | EA | 15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 3,379.81 | 519.10 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *117.08* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *175.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 22 13 00-0101 | | 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0056)* | | |
| 26 22 13 00-0102 | EA | 30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 3,841.11 | 634.44 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *128.61* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *192.92* | |
| | | *For K4 Factor Rating, Add* | *1,800.55* | |
| | | *For K13 Factor Rating, Add* | *2,572.21* | |
| | | *For K20 Factor Rating, Add* | *3,343.87* | |
| 26 22 13 00-0103 | EA | 37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 4,563.65 | 692.12 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *158.97* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *238.46* | |
| | | *For K4 Factor Rating, Add* | *2,225.58* | |
| | | *For K13 Factor Rating, Add* | *3,179.40* | |
| | | *For K20 Factor Rating, Add* | *4,133.22* | |
| 26 22 13 00-0104 | EA | 45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 4,797.44 | 749.80 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *164.89* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *247.34* | |
| | | *For K4 Factor Rating, Add* | *2,308.49* | |
| | | *For K13 Factor Rating, Add* | *3,297.84* | |
| | | *For K20 Factor Rating, Add* | *4,287.19* | |
| 26 22 13 00-0105 | EA | 50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 6,122.38 | 807.48 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *225.37* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *338.06* | |
| | | *For K4 Factor Rating, Add* | *3,155.19* | |
| | | *For K13 Factor Rating, Add* | *4,507.42* | |
| | | *For K20 Factor Rating, Add* | *5,859.65* | |
| 26 22 13 00-0106 | EA | 75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 6,106.34 | 865.16 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *218.80* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *328.20* | |
| | | *For K4 Factor Rating, Add* | *3,063.22* | |
| | | *For K13 Factor Rating, Add* | *4,376.03* | |
| | | *For K20 Factor Rating, Add* | *5,688.84* | |
| 26 22 13 00-0107 | EA | 112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 7,562.23 | 1,038.18 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *274.29* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *411.44* | |
| | | *For K4 Factor Rating, Add* | *3,840.10* | |
| | | *For K13 Factor Rating, Add* | *5,485.86* | |
| | | *For K20 Factor Rating, Add* | *7,131.62* | |
| 26 22 13 00-0108 | EA | 150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 9,623.31 | 1,153.54 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *365.81* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *548.72* | |
| | | *For K4 Factor Rating, Add* | *5,121.36* | |
| | | *For K13 Factor Rating, Add* | *7,316.23* | |
| | | *For K20 Factor Rating, Add* | *9,511.10* | |
| 26 22 13 00-0109 | EA | 225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 12,992.60 | 1,441.93 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *505.44* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *758.16* | |
| | | *For K4 Factor Rating, Add* | *7,076.13* | |
| | | *For K13 Factor Rating, Add* | *10,108.75* | |
| | | *For K20 Factor Rating, Add* | *13,141.38* | |
| 26 22 13 00-0110 | EA | 300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 15,867.45 | 1,787.99 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *614.57* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *921.86* | |
| | | *For K4 Factor Rating, Add* | *8,604.04* | |
| | | *For K13 Factor Rating, Add* | *12,291.48* | |
| | | *For K20 Factor Rating, Add* | *15,978.92* | |
| 26 22 13 00-0111 | EA | 500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 22,382.34 | 2,191.73 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *899.94* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *1,349.92* | |
| | | *For K4 Factor Rating, Add* | *12,599.22* | |
| | | *For K13 Factor Rating, Add* | *17,998.89* | |
| | | *For K20 Factor Rating, Add* | *23,398.56* | |
| 26 22 13 00-0112 | EA | 750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 49,209.68 | 2,579.68 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *2,195.17* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *3,292.76* | |
| | | *For K4 Factor Rating, Add* | *30,732.38* | |
| | | *For K13 Factor Rating, Add* | *43,903.40* | |
| | | *For K20 Factor Rating, Add* | *57,074.42* | |
| 26 22 13 00-0113 | EA | 1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 64,219.38 | 2,883.85 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *2,922.58* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *4,383.88* | |
| | | *For K4 Factor Rating, Add* | *40,916.18* | |
| | | *For K13 Factor Rating, Add* | *58,451.68* | |
| | | *For K20 Factor Rating, Add* | *75,987.18* | |
| 26 22 13 00-0114 | | 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)* | | |
| 26 22 13 00-0115 | EA | 6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 2,224.08 | 447.00 |
| | | *For K4 Factor Rating, Add* | *931.06* | |
| | | *For K13 Factor Rating, Add* | *1,330.09* | |
| | | *For K20 Factor Rating, Add* | *1,729.12* | |
| 26 22 13 00-0116 | EA | 9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 2,658.24 | 475.84 |
| | | *For K4 Factor Rating, Add* | *1,194.60* | |
| | | *For K13 Factor Rating, Add* | *1,706.57* | |
| | | *For K20 Factor Rating, Add* | *2,218.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 22 13 00-0117 | EA | 15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 3,379.81 | 519.10 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *117.08* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *175.62* | |
| | | *For K4 Factor Rating, Add* | *1,639.14* | |
| | | *For K13 Factor Rating, Add* | *2,341.63* | |
| | | *For K20 Factor Rating, Add* | *3,044.12* | |

## 26 22 13 00-0118 480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0056)*

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0119 | EA | 30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 6,165.21 | 634.44 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *244.82* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *367.22* | |
| | | *For K4 Factor Rating, Add* | *3,427.42* | |
| | | *For K13 Factor Rating, Add* | *4,896.31* | |
| | | *For K20 Factor Rating, Add* | *6,365.20* | |
| 26 22 13 00-0120 | EA | 45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 6,948.22 | 749.80 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *272.43* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *408.65* | |
| | | *For K4 Factor Rating, Add* | *3,814.03* | |
| | | *For K13 Factor Rating, Add* | *5,448.62* | |
| | | *For K20 Factor Rating, Add* | *7,083.21* | |
| 26 22 13 00-0121 | EA | 75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 10,017.02 | 865.16 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *414.34* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *621.50* | |
| | | *For K4 Factor Rating, Add* | *5,800.70* | |
| | | *For K13 Factor Rating, Add* | *8,286.71* | |
| | | *For K20 Factor Rating, Add* | *10,772.72* | |
| 26 22 13 00-0122 | EA | 112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 12,528.87 | 1,038.18 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *522.63* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *783.94* | |
| | | *For K4 Factor Rating, Add* | *7,316.75* | |
| | | *For K13 Factor Rating, Add* | *10,452.50* | |
| | | *For K20 Factor Rating, Add* | *13,588.25* | |
| 26 22 13 00-0123 | EA | 150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 14,995.71 | 1,153.54 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *634.43* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *951.65* | |
| | | *For K4 Factor Rating, Add* | *8,882.04* | |
| | | *For K13 Factor Rating, Add* | *12,688.63* | |
| | | *For K20 Factor Rating, Add* | *16,495.22* | |
| 26 22 13 00-0124 | EA | 225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 19,186.28 | 1,441.93 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *815.12* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *1,222.68* | |
| | | *For K4 Factor Rating, Add* | *11,411.70* | |
| | | *For K13 Factor Rating, Add* | *16,302.43* | |
| | | *For K20 Factor Rating, Add* | *21,193.16* | |
| 26 22 13 00-0125 | EA | 300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 23,361.88 | 1,787.99 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *989.30* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *1,483.94* | |
| | | *For K4 Factor Rating, Add* | *13,850.14* | |
| | | *For K13 Factor Rating, Add* | *19,785.91* | |
| | | *For K20 Factor Rating, Add* | *25,721.68* | |
| 26 22 13 00-0126 | EA | 500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry | 36,880.74 | 2,191.73 |
| | | *For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add* | *1,624.86* | |
| | | *For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add* | *2,437.30* | |
| | | *For K4 Factor Rating, Add* | *22,748.10* | |
| | | *For K13 Factor Rating, Add* | *32,497.29* | |
| | | *For K20 Factor Rating, Add* | *42,246.48* | |

## 26 22 13 00-0127 3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0056)*

## 26 22 13 00-0128 3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0127)*

Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0129 | EA | 15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 3,191.57 | 519.10 |
| 26 22 13 00-0130 | EA | 30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 4,679.98 | 634.44 |
| 26 22 13 00-0131 | EA | 45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 6,693.79 | 749.80 |
| 26 22 13 00-0132 | EA | 75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 8,463.52 | 865.16 |
| 26 22 13 00-0133 | EA | 112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 12,462.68 | 1,038.18 |
| 26 22 13 00-0134 | EA | 150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 15,053.63 | 1,153.54 |
| 26 22 13 00-0135 | EA | 225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 17,603.82 | 1,441.93 |
| 26 22 13 00-0136 | EA | 300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 27,476.27 | 1,787.99 |

## 26 22 13 00-0137 3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise *(26 22 13 00-0127)*

Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0138 | EA | 15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 3,623.90 | 519.10 |
| 26 22 13 00-0139 | EA | 30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 5,362.61 | 634.44 |
| 26 22 13 00-0140 | EA | 45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 7,732.21 | 749.80 |
| 26 22 13 00-0141 | EA | 75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 9,808.09 | 865.16 |
| 26 22 13 00-0142 | EA | 112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 14,539.53 | 1,038.18 |
| 26 22 13 00-0143 | EA | 150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 17,604.18 | 1,153.54 |
| 26 22 13 00-0144 | EA | 225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 20,547.40 | 1,441.93 |
| 26 22 13 00-0145 | EA | 300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20 | 32,256.74 | 1,787.99 |

## 26 22 13 00-0146 NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0056)*

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 22 13 00-0147 | | Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)* | | |
| | | Note: Two taps at 2.5%, four at -2.5%. | | |
| 26 22 13 00-0148 | | 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)* | | |
| 26 22 13 00-0149 | EA | 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 3,208.97 | 504.72 |
| 26 22 13 00-0150 | EA | 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 3,914.70 | 616.88 |
| 26 22 13 00-0151 | EA | 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 4,715.75 | 729.03 |
| 26 22 13 00-0152 | EA | 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 6,298.35 | 841.20 |
| 26 22 13 00-0153 | EA | 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 8,398.37 | 1,009.44 |
| 26 22 13 00-0154 | EA | 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 10,415.19 | 1,121.60 |
| 26 22 13 00-0155 | EA | 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 13,788.32 | 1,402.00 |
| 26 22 13 00-0156 | EA | 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 19,353.33 | 1,738.48 |
| 26 22 13 00-0157 | | 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)* | | |
| 26 22 13 00-0158 | EA | 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 3,870.75 | 504.72 |
| 26 22 13 00-0159 | EA | 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 4,716.32 | 616.88 |
| 26 22 13 00-0160 | EA | 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 5,693.26 | 729.03 |
| 26 22 13 00-0161 | EA | 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 7,683.36 | 841.20 |
| 26 22 13 00-0162 | EA | 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 9,827.91 | 1,009.44 |
| 26 22 13 00-0163 | EA | 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 12,866.79 | 1,121.60 |
| 26 22 13 00-0164 | EA | 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 17,083.83 | 1,402.00 |
| 26 22 13 00-0165 | EA | 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 24,116.24 | 1,738.48 |
| 26 22 13 00-0166 | | 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)* | | |
| 26 22 13 00-0167 | EA | 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 4,529.86 | 504.72 |
| 26 22 13 00-0168 | EA | 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 5,520.16 | 616.88 |
| 26 22 13 00-0169 | EA | 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 6,670.79 | 729.03 |
| 26 22 13 00-0170 | EA | 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 9,066.14 | 841.20 |
| 26 22 13 00-0171 | EA | 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 11,631.54 | 1,009.44 |
| 26 22 13 00-0172 | EA | 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 15,318.39 | 1,121.60 |
| 26 22 13 00-0173 | EA | 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 20,379.35 | 1,402.00 |
| 26 22 13 00-0174 | EA | 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer | 28,879.15 | 1,738.48 |
| 26 22 13 00-0175 | | Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)* | | |
| | | Note: Two taps at 2.5%, four at -2.5%. | | |
| 26 22 13 00-0176 | | 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)* | | |
| 26 22 13 00-0177 | EA | 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 4,309.41 | 504.72 |
| 26 22 13 00-0178 | EA | 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 5,252.95 | 616.88 |
| 26 22 13 00-0179 | EA | 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 6,343.46 | 729.03 |
| 26 22 13 00-0180 | EA | 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 8,605.21 | 841.20 |
| 26 22 13 00-0181 | EA | 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 11,658.25 | 1,009.44 |
| 26 22 13 00-0182 | EA | 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 14,585.80 | 1,121.60 |
| 26 22 13 00-0183 | EA | 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 19,392.92 | 1,402.00 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 22 13 00-0184 | EA | 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 27,456.29 | 1,738.48 |
| **26 22 13 00-0185** | | **115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0175)* | | |
| 26 22 13 00-0186 | EA | 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 4,968.52 | 504.72 |
| 26 22 13 00-0187 | EA | 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 6,056.80 | 616.88 |
| 26 22 13 00-0188 | EA | 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 7,320.99 | 729.03 |
| 26 22 13 00-0189 | EA | 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 9,990.22 | 841.20 |
| 26 22 13 00-0190 | EA | 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 15,167.54 | 1,009.44 |
| 26 22 13 00-0191 | EA | 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 19,097.09 | 1,121.60 |
| 26 22 13 00-0192 | EA | 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 24,371.83 | 1,402.00 |
| 26 22 13 00-0193 | EA | 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 36,249.53 | 1,738.48 |
| **26 22 13 00-0194** | | **80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0175)* | | |
| 26 22 13 00-0195 | EA | 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 5,629.84 | 504.72 |
| 26 22 13 00-0196 | EA | 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 6,860.63 | 616.88 |
| 26 22 13 00-0197 | EA | 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 8,298.50 | 729.03 |
| 26 22 13 00-0198 | EA | 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 11,373.00 | 841.20 |
| 26 22 13 00-0199 | EA | 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 17,986.55 | 1,009.44 |
| 26 22 13 00-0200 | EA | 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 23,187.55 | 1,121.60 |
| 26 22 13 00-0201 | EA | 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 29,348.50 | 1,402.00 |
| 26 22 13 00-0202 | EA | 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer | 43,272.54 | 1,738.48 |
| **26 22 13 00-0203** | | **3 Phase Weathershields** *(26 22 13 00-0056)*<br>Note: Use with type DT-3 and DS-3. | | |
| 26 22 13 00-0204 | EA | 45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2 | 568.86 | |
| 26 22 13 00-0205 | EA | 150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2 | 966.02 | |
| 26 22 13 00-0206 | EA | 500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2 | 966.02 | |
| **26 22 13 00-0207** | | **Three Phase Mounting Brackets** *(26 22 13 00-0056)* | | |
| 26 22 13 00-0208 | EA | 3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA | 705.60 | 200.97 |
| **26 22 13 00-0209** | | **Pad Mounted Commercial Type Distribution Transformers UL Listed** *(26 22 13)* | | |
| **26 22 13 00-0210** | | **Distribution 3 Phase Oil Filled Transformer** *(26 22 13 00-0209)*<br>Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below. | | |
| **26 22 13 00-0211** | | **Factory Modifications** *(26 22 13 00-0210)*<br>Note: For use with series 4100 3 phase transformers. | | |
| 26 22 13 00-0212 | EA | Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification | 1,042.36 | |
| 26 22 13 00-0213 | EA | Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification | 169.50 | |
| 26 22 13 00-0214 | EA | Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification | 677.99 | |
| 26 22 13 00-0215 | EA | Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification | 1,953.34 | |
| 26 22 13 00-0216 | EA | Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification | 239.29 | |
| 26 22 13 00-0217 | EA | Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification | 189.44 | |
| **26 22 13 00-0218** | | **Accessories For Transformer Liquid Containment Area** *(26 22 13 00-0210)*<br>Note: Reinforced concrete curb with 6" slab. | | |
| 26 22 13 00-0219 | EA | Containment Area For 75 KVA | 4,798.73 | 1,724.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,149.48* | |
| 26 22 13 00-0220 | EA | Containment Area For 112.5 KVA | 4,798.73 | 1,724.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,149.48* | |
| 26 22 13 00-0221 | EA | Containment Area For 150 KVA | 4,798.73 | 1,724.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,149.48* | |
| 26 22 13 00-0222 | EA | Containment Area For 225 KVA | 4,798.73 | 1,724.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,149.48* | |
| 26 22 13 00-0223 | EA | Containment Area For 300 KVA | 4,792.56 | 1,724.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,147.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 22 13 00-0224 | EA | Containment Area For 500 KVA | 4,792.56 | 1,724.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,147.63* | |
| 26 22 13 00-0225 | EA | Containment Area For 750 KVA | 4,820.48 | 1,724.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,147.63* | |
| 26 22 13 00-0226 | EA | Containment Area For 1,000 KVA | 5,225.28 | 1,724.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,147.63* | |

## 26 22 13 00-0227 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL *(26 22 13 00-0210)*

Note: Rated to 5 KVA.

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0228 | EA | 45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 7,401.71 | 1,345.92 |
| 26 22 13 00-0229 | EA | 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 7,999.93 | 1,345.92 |
| 26 22 13 00-0230 | EA | 112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 8,398.76 | 1,345.92 |
| 26 22 13 00-0231 | EA | 150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 9,595.22 | 1,345.92 |
| 26 22 13 00-0232 | EA | 225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 10,698.42 | 2,018.87 |
| 26 22 13 00-0233 | EA | 300 KVA, Primary4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 11,097.24 | 2,018.87 |
| 26 22 13 00-0234 | EA | 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 15,883.08 | 2,018.87 |
| 26 22 13 00-0235 | EA | 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 20,386.89 | 2,691.84 |
| 26 22 13 00-0236 | EA | 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted | 25,571.55 | 2,691.84 |

## 26 22 13 00-0237 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL *(26 22 13 00-0210)*

Note: Rated to 5 KVA.

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0238 | EA | 45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 7,601.12 | 1,345.92 |
| 26 22 13 00-0239 | EA | 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 8,398.76 | 1,345.92 |
| 26 22 13 00-0240 | EA | 112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 8,598.17 | 1,345.92 |
| 26 22 13 00-0241 | EA | 150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 8,797.58 | 1,345.92 |
| 26 22 13 00-0242 | EA | 225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 10,698.42 | 2,018.87 |
| 26 22 13 00-0243 | EA | 300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 11,496.06 | 2,018.87 |
| 26 22 13 00-0244 | EA | 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 15,883.08 | 2,018.87 |
| 26 22 13 00-0245 | EA | 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 20,586.29 | 2,691.84 |
| 26 22 13 00-0246 | EA | 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted | 25,571.55 | 2,691.84 |

## 26 22 13 00-0247 Primary 5 KV Or 15 KV, Secondary 277/480 Volt *(26 22 13 00-0209)*

Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0248 | EA | 150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 12,698.15 | 1,811.14 |
| 26 22 13 00-0249 | EA | 225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 14,106.41 | 2,138.08 |
| 26 22 13 00-0250 | EA | 300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 16,161.18 | 2,613.21 |
| 26 22 13 00-0251 | EA | 500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 19,001.51 | 2,940.16 |
| 26 22 13 00-0252 | EA | 750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 22,566.64 | 3,094.81 |
| 26 22 13 00-0253 | EA | 1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 28,481.79 | 4,521.96 |
| 26 22 13 00-0254 | EA | 1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 33,150.26 | 5,115.87 |
| 26 22 13 00-0255 | EA | 2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 40,765.38 | 5,880.31 |
| 26 22 13 00-0256 | EA | 2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 44,547.61 | 6,174.32 |
| 26 22 13 00-0257 | EA | 3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 47,605.49 | 6,880.19 |
| 26 22 13 00-0258 | EA | 3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase | 53,867.07 | 7,350.62 |

## 26 22 13 00-0259 Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled *(26 22 13 00-0209)*

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0260 | EA | 1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled | 47,348.07 | 4,998.41 |
| 26 22 13 00-0261 | EA | 2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled | 57,879.28 | 5,748.19 |
| 26 22 13 00-0262 | EA | 2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled | 65,349.75 | 6,050.69 |
| 26 22 13 00-0263 | EA | 3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled | 69,729.96 | 6,762.57 |
| 26 22 13 00-0264 | EA | 3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled | 77,590.68 | 6,967.49 |

## 26 22 13 00-0265 Silicone Filled Distribution Transformers, 3 Phase *(26 22 13 00-0209)*

Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0266 | EA | 225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase | 20,426.24 | 2,138.08 |
| 26 22 13 00-0267 | EA | 300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase | 22,404.67 | 2,613.21 |
| 26 22 13 00-0268 | EA | 500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase | 26,081.23 | 2,940.16 |
| 26 22 13 00-0269 | EA | 750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase | 30,900.69 | 3,094.81 |
| 26 22 13 00-0270 | EA | 1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase | 38,267.49 | 4,521.96 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 22 13 00-0271 | EA | 1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase | 47,652.64 | 5,115.87 |
| 26 22 13 00-0272 | EA | 2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase | 57,518.04 | 5,880.31 |
| 26 22 13 00-0273 | EA | 2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase | 64,958.82 | 6,174.32 |

### 26 22 13 00-0274 Foam Core Poly Transformer Pads *(26 22 13)*

| | | | | |
|---|---|---|---|---|
| 26 22 13 00-0275 | EA | Single Phase Foam Core Poly Pads<br>Note: Excludes site prep. | 188.72 | 38.31 |

## 26 24 Switchboards and Panelboards *(26 20)*

### 26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

### 26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*

### 26 24 13 00-0002 Incoming Service Section Main Device Only *(26 24 13 00-0001)*

Note: Copper bus, non-metering type, with fuses.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0003 | EA | 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 3,900.46 | 962.10 |
| 26 24 13 00-0004 | EA | 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 4,319.29 | 1,017.66 |
| 26 24 13 00-0005 | EA | 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 6,996.83 | 1,154.37 |
| 26 24 13 00-0006 | EA | 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 7,537.30 | 1,237.53 |
| 26 24 13 00-0007 | EA | 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 12,122.28 | 1,319.47 |
| 26 24 13 00-0008 | EA | 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 13,520.53 | 1,402.96 |
| 26 24 13 00-0009 | EA | 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 4,730.88 | 962.10 |
| 26 24 13 00-0010 | EA | 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 6,069.40 | 1,017.66 |
| 26 24 13 00-0011 | EA | 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 8,470.70 | 1,155.36 |
| 26 24 13 00-0012 | EA | 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 11,601.81 | 1,237.53 |
| 26 24 13 00-0013 | EA | 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 12,122.28 | 1,320.80 |
| 26 24 13 00-0014 | EA | 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 13,520.53 | 1,402.96 |
| 26 24 13 00-0015 | EA | 2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 16,258.78 | 1,466.75 |
| 26 24 13 00-0016 | EA | 3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 18,434.69 | 1,571.36 |
| 26 24 13 00-0017 | EA | 4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 21,767.43 | 1,693.89 |
| 26 24 13 00-0018 | EA | 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 2,639.44 | 852.45 |
| 26 24 13 00-0019 | EA | 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 2,917.45 | 907.55 |
| 26 24 13 00-0020 | EA | 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,341.45 | 1,044.71 |
| 26 24 13 00-0021 | EA | 1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,604.05 | 1,088.60 |
| 26 24 13 00-0022 | EA | 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,838.99 | 1,127.87 |
| 26 24 13 00-0023 | EA | 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 4,207.72 | 1,209.27 |
| 26 24 13 00-0024 | EA | 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 4,549.78 | 1,292.20 |

### 26 24 13 00-0025 Branch Breaker Units *(26 24 13 00-0001)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0026 | EA | 15 To 60 Amperes, 240 Volt, MC Branch Breaker | 336.60 | 33.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.13* | |
| 26 24 13 00-0027 | EA | 70 To 100 Amperes, 240 Volt, MC Branch Breaker | 493.01 | 52.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.68* | |
| 26 24 13 00-0028 | EA | 125 To 225 Amperes, 240 Volt, MC Branch Breaker | 1,326.09 | 96.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *57.74* | |
| 26 24 13 00-0029 | EA | 100 To 400 Amperes, 240 Volt, MC Branch Breaker | 2,356.30 | 125.40 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *75.23* | |
| 26 24 13 00-0030 | EA | 300 To 600 Amperes, 240 Volt, MC Branch Breaker | 4,193.57 | 307.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *184.76* | |
| 26 24 13 00-0031 | EA | 400 To 800 Amperes, 240 Volt, MC Branch Breaker | 6,721.88 | 307.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *184.76* | |
| 26 24 13 00-0032 | EA | 600 To 1,200 Amperes, 240 Volt, MC Branch Breaker | 10,895.99 | 548.87 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *329.32* | |

### 26 24 13 00-0033 Fusible Switch Type 480 Volt, 3 Phase, 3 Wire *(26 24 13)*

### 26 24 13 00-0034 Incoming Service Section Main Device Only *(26 24 13 00-0033)*

Note: Copper bus, non-metering type, with fuses.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0035 | EA | 400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch | 5,523.89 | 1,248.42 |
| 26 24 13 00-0036 | EA | 600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch | 6,173.33 | 1,248.42 |
| 26 24 13 00-0037 | EA | 800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch | 9,169.96 | 1,622.39 |
| 26 24 13 00-0038 | EA | 1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch | 10,395.85 | 1,622.39 |

### 26 24 13 00-0039 Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire *(26 24 13)*

### 26 24 13 00-0040 Incoming Service Section Main Device Only *(26 24 13 00-0039)*

Note: Copper bus, non-metering type, with fuses.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0041 | EA | 200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch | 3,510.48 | 852.45 |
| 26 24 13 00-0042 | EA | 600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch | 3,910.48 | 907.55 |
| 26 24 13 00-0043 | EA | 800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch | 6,005.80 | 1,044.71 |
| 26 24 13 00-0044 | EA | 1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch | 6,525.64 | 1,126.99 |
| 26 24 13 00-0045 | EA | 200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker | 4,298.78 | 852.45 |
| 26 24 13 00-0046 | EA | 600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker | 5,436.56 | 907.55 |
| 26 24 13 00-0047 | EA | 800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker | 7,643.06 | 1,044.71 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 13 00-0048 | EA | 1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker | 10,991.03 | 1,126.99 |
| 26 24 13 00-0049 | EA | 2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker | 12,905.75 | 1,264.92 |
| 26 24 13 00-0050 | EA | 200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 2,451.65 | 742.34 |
| 26 24 13 00-0051 | EA | 600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 2,748.86 | 797.56 |
| 26 24 13 00-0052 | EA | 800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 3,226.99 | 934.72 |
| 26 24 13 00-0053 | EA | 1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 3,474.83 | 978.60 |
| 26 24 13 00-0054 | EA | 1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 3,714.77 | 1,017.66 |
| 26 24 13 00-0055 | EA | 1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 4,031.75 | 1,088.60 |
| 26 24 13 00-0056 | EA | 2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 4,341.92 | 1,154.37 |
| 26 24 13 00-0057 | EA | 2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 5,389.91 | 1,429.90 |
| 26 24 13 00-0058 | EA | 3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 6,034.35 | 1,567.40 |
| 26 24 13 00-0059 | EA | 4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug | 7,106.77 | 1,691.14 |

### 26 24 13 00-0060 Branch Breaker Units *(26 24 13 00-0039)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0061 | EA | 15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker | 180.58 | 29.15 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.49* | |
| 26 24 13 00-0062 | EA | 70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker | 286.80 | 48.40 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *29.04* | |
| 26 24 13 00-0063 | EA | 125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker | 876.43 | 67.64 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *40.59* | |
| 26 24 13 00-0064 | EA | 100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker | 2,523.54 | 86.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.13* | |
| 26 24 13 00-0065 | EA | 300 To 600 Amperes, 120/240 Volt, MC Branch Breaker | 3,972.51 | 211.74 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *127.03* | |
| 26 24 13 00-0066 | EA | 400 To 800 Amperes, 120/240 Volt, MC Branch Breaker | 5,650.19 | 211.74 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *127.03* | |
| 26 24 13 00-0067 | EA | 600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker | 9,314.84 | 404.22 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *242.56* | |

### 26 24 13 00-0068 Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire *(26 24 13)*

### 26 24 13 00-0069 Incoming Service Section Main Device Only *(26 24 13 00-0068)*

Note: Copper bus, non-metering type, with fuses.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0070 | EA | 400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 3,901.81 | 962.10 |
| 26 24 13 00-0071 | EA | 600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 4,317.79 | 1,017.66 |
| 26 24 13 00-0072 | EA | 800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 6,994.88 | 1,154.37 |
| 26 24 13 00-0073 | EA | 1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 7,535.08 | 1,237.53 |
| 26 24 13 00-0074 | EA | 1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 12,117.21 | 1,319.47 |
| 26 24 13 00-0075 | EA | 2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 13,520.53 | 1,402.96 |
| 26 24 13 00-0076 | EA | 400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 4,732.23 | 962.10 |
| 26 24 13 00-0077 | EA | 600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 6,067.90 | 1,017.66 |
| 26 24 13 00-0078 | EA | 800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 8,470.70 | 1,155.36 |
| 26 24 13 00-0079 | EA | 1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 11,599.59 | 1,237.53 |
| 26 24 13 00-0080 | EA | 1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 12,119.73 | 1,320.80 |
| 26 24 13 00-0081 | EA | 2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 13,520.53 | 1,402.96 |
| 26 24 13 00-0082 | EA | 400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 2,771.02 | 852.45 |
| 26 24 13 00-0083 | EA | 600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,100.27 | 907.55 |
| 26 24 13 00-0084 | EA | 800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,615.61 | 1,044.71 |
| 26 24 13 00-0085 | EA | 1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,891.95 | 1,088.60 |
| 26 24 13 00-0086 | EA | 1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 4,159.19 | 1,127.87 |
| 26 24 13 00-0087 | EA | 1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 4,515.59 | 1,209.27 |
| 26 24 13 00-0088 | EA | 2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 4,876.91 | 1,292.20 |
| 26 24 13 00-0089 | EA | 2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 5,792.33 | 1,468.41 |
| 26 24 13 00-0090 | EA | 3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 6,411.34 | 1,571.25 |
| 26 24 13 00-0091 | EA | 4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 7,577.82 | 1,688.39 |

### 26 24 13 00-0092 Branch Breaker Units *(26 24 13 00-0068)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0093 | EA | 15 To 60 Amperes, 120/208 Volt, MC Branch Breaker | 336.60 | 33.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.13* | |
| 26 24 13 00-0094 | EA | 70 To 100 Amperes, 120/208 Volt, MC Branch Breaker | 493.01 | 52.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.68* | |
| 26 24 13 00-0095 | EA | 125 To 225 Amperes, 120/208 Volt, MC Branch Breaker | 1,326.09 | 96.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *57.74* | |
| 26 24 13 00-0096 | EA | 100 To 400 Amperes, 120/208 Volt, MC Branch Breaker | 2,356.30 | 125.40 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *75.23* | |
| 26 24 13 00-0097 | EA | 300 To 600 Amperes, 120/208 Volt, MC Branch Breaker | 4,193.57 | 307.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *184.76* | |
| 26 24 13 00-0098 | EA | 400 To 800 Amperes, 120/208 Volt, MC Branch Breaker | 6,721.88 | 307.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *184.76* | |
| 26 24 13 00-0099 | EA | 600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker | 10,895.99 | 548.87 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *329.32* | |

### 26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*

### 26 24 13 00-0101 Incoming Service Section Main Device Only *(26 24 13 00-0100)*

Note: Copper bus, non-metering type, with fuses.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0102 | EA | 400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 5,054.45 | 1,319.47 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 13 00-0103 | EA | 600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 5,549.86 | 1,402.96 |
| 26 24 13 00-0104 | EA | 800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 7,913.98 | 1,565.96 |
| 26 24 13 00-0105 | EA | 1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch | 8,652.62 | 1,676.73 |
| 26 24 13 00-0106 | EA | 400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 6,464.30 | 1,319.47 |
| 26 24 13 00-0107 | EA | 600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 8,709.83 | 1,402.96 |
| 26 24 13 00-0108 | EA | 800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 9,869.80 | 1,567.73 |
| 26 24 13 00-0109 | EA | 1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 12,477.94 | 1,676.73 |
| 26 24 13 00-0110 | EA | 1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 13,054.06 | 1,787.94 |
| 26 24 13 00-0111 | EA | 2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker | 14,512.68 | 1,899.03 |
| 26 24 13 00-0112 | EA | 400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 2,771.02 | 852.45 |
| 26 24 13 00-0113 | EA | 600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,100.27 | 907.55 |
| 26 24 13 00-0114 | EA | 800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,615.61 | 1,044.71 |
| 26 24 13 00-0115 | EA | 1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 3,891.95 | 1,088.60 |
| 26 24 13 00-0116 | EA | 1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 4,159.19 | 1,127.87 |
| 26 24 13 00-0117 | EA | 1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 4,515.59 | 1,209.27 |
| 26 24 13 00-0118 | EA | 2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug | 4,876.91 | 1,292.20 |

### 26 24 13 00-0119 Branch Breaker Units *(26 24 13 00-0100)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0120 | EA | 15 To 60 Amperes, 480/277 Volt, MC Branch Breaker | 698.75 | 33.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *20.13* | |
| 26 24 13 00-0121 | EA | 70 To 100 Amperes, 480/277 Volt, MC Branch Breaker | 804.62 | 52.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *31.68* | |
| 26 24 13 00-0122 | EA | 125 To 225 Amperes, 480/277 Volt, MC Branch Breaker | 1,459.16 | 96.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *57.74* | |
| 26 24 13 00-0123 | EA | 100 To 400 Amperes, 480/277 Volt, MC Branch Breaker | 2,356.30 | 125.40 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *75.23* | |
| 26 24 13 00-0124 | EA | 300 To 600 Amperes, 480/277 Volt, MC Branch Breaker | 5,645.53 | 307.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *184.76* | |
| 26 24 13 00-0125 | EA | 400 To 800 Amperes, 480/277 Volt, MC Branch Breaker | 5,775.23 | 307.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *184.76* | |
| 26 24 13 00-0126 | EA | 600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker | 9,263.79 | 548.87 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *329.32* | |

### 26 24 13 00-0127 Fusible Branch Circuit Switch *(26 24 13)*

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

### 26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0129 | EA | 30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit | 717.04 | 86.34 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0130 | EA | 30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit | 714.52 | 86.34 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0131 | EA | 60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit | 714.52 | 86.34 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0132 | EA | 60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit | 1,122.64 | 113.85 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0133 | EA | 100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit | 1,122.64 | 113.85 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |

### 26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0135 | EA | 100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit | 821.00 | 84.70 |
| | | *For Electrical Interlock Kit, Add* | *282.09* | |
| 26 24 13 00-0136 | EA | 200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit | 1,199.28 | 84.70 |
| | | *For Electrical Interlock Kit, Add* | *282.09* | |
| 26 24 13 00-0137 | EA | 400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit | 3,081.94 | 228.24 |

### 26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0139 | EA | 30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit | 919.60 | 97.35 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0140 | EA | 30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit | 917.08 | 97.35 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0141 | EA | 60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit | 917.08 | 97.35 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0142 | EA | 60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit | 1,382.42 | 130.34 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0143 | EA | 100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit | 1,382.42 | 130.34 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |

### 26 24 13 00-0144 240 Volt, 3 Pole Single Branch Switch Units *(26 24 13 00-0127)*

| | | | | |
|---|---|---|---|---|
| 26 24 13 00-0145 | EA | 100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit | 994.75 | 95.69 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0146 | EA | 200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit | 1,611.41 | 95.69 |
| | | *For Electrical Interlock Kit, Add* | *282.09* | |
| 26 24 13 00-0147 | EA | 400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit | 4,130.50 | 255.51 |
| 26 24 13 00-0148 | EA | 600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit | 5,900.69 | 327.34 |
| 26 24 13 00-0149 | EA | 800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit | 10,992.14 | 443.49 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 24 13 00-0150** | | **600 Volt, 3 Pole Twin Branch Switch Units** *(26 24 13 00-0127)* | | |
| 26 24 13 00-0151 | EA | 30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit | 1,301.46 | 97.35 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0152 | EA | 30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit | 1,298.90 | 97.35 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0153 | EA | 60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit | 1,301.46 | 97.35 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0154 | EA | 60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit | 1,958.58 | 130.34 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0155 | EA | 100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit | 2,001.22 | 130.34 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0156 | EA | 200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit | 4,267.15 | 170.49 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| **26 24 13 00-0157** | | **600 Volt, 3 Pole, Single Branch Switch Units** *(26 24 13 00-0127)* | | |
| 26 24 13 00-0158 | EA | 100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit | 1,406.02 | 95.69 |
| | | *For Electrical Interlock Kit, Add* | *294.47* | |
| 26 24 13 00-0159 | EA | 200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit | 2,133.53 | 95.69 |
| | | *For Electrical Interlock Kit, Add* | *282.09* | |
| 26 24 13 00-0160 | EA | 400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit | 5,189.60 | 255.51 |
| | | *For Electrical Interlock Kit, Add* | *282.09* | |
| 26 24 13 00-0161 | EA | 600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit | 6,301.56 | 327.34 |
| 26 24 13 00-0162 | EA | 800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit | 10,992.14 | 443.49 |
| **26 24 13 00-0163** | | **Service And Distribution Structures** *(26 24 13)* | | |
| **26 24 13 00-0164** | | **Distribution Section 600 Volt, 250 Volt DC** *(26 24 13 00-0163)* | | |
| **26 24 13 00-0165** | | **600 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)* | | |
| 26 24 13 00-0166 | EA | 14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 2,585.88 | 1,011.93 |
| 26 24 13 00-0167 | EA | 24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 3,088.04 | 1,011.93 |
| 26 24 13 00-0168 | EA | 34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 3,438.89 | 1,286.91 |
| 26 24 13 00-0169 | EA | 42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 3,794.23 | 1,286.91 |
| **26 24 13 00-0170** | | **800 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)* | | |
| 26 24 13 00-0171 | EA | 14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 2,909.25 | 1,171.42 |
| 26 24 13 00-0172 | EA | 24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 3,397.37 | 1,171.42 |
| 26 24 13 00-0173 | EA | 34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 3,794.23 | 1,451.91 |
| 26 24 13 00-0174 | EA | 42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 4,113.44 | 1,451.91 |
| **26 24 13 00-0175** | | **1,200 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)* | | |
| 26 24 13 00-0176 | EA | 14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 3,409.76 | 1,429.90 |
| 26 24 13 00-0177 | EA | 24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 3,909.88 | 1,429.90 |
| 26 24 13 00-0178 | EA | 34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 4,331.68 | 1,759.89 |
| 26 24 13 00-0179 | EA | 42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 4,799.34 | 1,759.89 |
| **26 24 13 00-0180** | | **1,600 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)* | | |
| 26 24 13 00-0181 | EA | 14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 4,218.42 | 1,567.40 |
| 26 24 13 00-0182 | EA | 24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 4,814.68 | 1,567.40 |
| 26 24 13 00-0183 | EA | 34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 5,315.76 | 1,935.88 |
| 26 24 13 00-0184 | EA | 42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 5,723.14 | 1,935.88 |
| **26 24 13 00-0185** | | **2,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)* | | |
| 26 24 13 00-0186 | EA | 14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 4,422.34 | 1,572.90 |
| 26 24 13 00-0187 | EA | 24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 5,066.50 | 1,770.88 |
| 26 24 13 00-0188 | EA | 34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 5,174.74 | 1,770.88 |
| 26 24 13 00-0189 | EA | 42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 5,390.58 | 1,869.87 |
| **26 24 13 00-0190** | | **3,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)* | | |
| 26 24 13 00-0191 | EA | 24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 6,095.52 | 1,770.88 |
| 26 24 13 00-0192 | EA | 34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 6,202.13 | 1,770.88 |
| 26 24 13 00-0193 | EA | 42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 6,417.97 | 1,869.87 |
| **26 24 13 00-0194** | | **4,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)* | | |
| 26 24 13 00-0195 | EA | 24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 6,236.54 | 1,869.87 |
| 26 24 13 00-0196 | EA | 34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 6,417.97 | 1,869.87 |
| 26 24 13 00-0197 | EA | 42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus | 6,495.91 | 1,869.87 |
| **26 24 13 00-0198** | | **Pull Boy, Horizontal Mounted Across Top Of Switch Board** *(26 24 13 00-0164)* | | |
| 26 24 13 00-0199 | EA | 18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard | 552.02 | 131.99 |
| 26 24 13 00-0200 | EA | Drilled Bottom For Pull Boy | 622.35 | 131.99 |
| 26 24 13 00-0201 | EA | Cable Supports In Pull Box | 222.65 | 33.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.33* | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 24 13 00-0202** | | **Underground Pull Sections** *(26 24 13 00-0164)* Note: Excludes no bus or terminal. | | |
| 26 24 13 00-0203 | EA | 12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal | 535.11 | 153.99 |
| 26 24 13 00-0204 | EA | 24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal | 926.13 | 197.98 |
| 26 24 13 00-0205 | EA | 24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal | 926.13 | 197.98 |
| 26 24 13 00-0206 | EA | 14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal | 693.56 | 153.99 |
| 26 24 13 00-0207 | EA | 28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal | 992.55 | 225.49 |
| 26 24 13 00-0208 | EA | 14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal | 1,132.83 | 225.49 |
| 26 24 13 00-0209 | EA | 26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal | 1,187.45 | 291.48 |
| 26 24 13 00-0210 | EA | 38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal | 1,254.00 | 291.48 |
| **26 24 13 00-0211** | | **Switchboard Sections** *(26 24 13 00-0163)* | | |
| 26 24 13 00-0212 | EA | 600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit | 4,306.63 | 916.57 |
| 26 24 13 00-0213 | EA | 800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit | 4,716.96 | 996.32 |
| 26 24 13 00-0214 | EA | 1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit | 5,915.71 | 1,273.06 |
| 26 24 13 00-0215 | EA | 1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit | 6,469.80 | 1,388.77 |
| 26 24 13 00-0216 | EA | 2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit | 6,899.92 | 1,478.41 |
| 26 24 13 00-0217 | EA | 400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section | 5,121.06 | 804.05 |
| 26 24 13 00-0218 | EA | 200 Amperes, Distribution Section Subfeeder Lug-Rated | 2,918.53 | 763.79 |
| 26 24 13 00-0219 | EA | 400 Amperes, Distribution Section Subfeeder Lug-Rated | 3,233.75 | 828.25 |
| 26 24 13 00-0220 | EA | 120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus | 5,420.16 | 916.57 |
| 26 24 13 00-0221 | EA | 800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker | 5,846.01 | 918.99 |
| 26 24 13 00-0222 | EA | 1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker | 6,430.32 | 1,026.01 |
| 26 24 13 00-0223 | EA | 15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame | 163.58 | 54.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.59* | |
| 26 24 13 00-0224 | EA | 70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame | 199.64 | 55.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.68* | |
| 26 24 13 00-0225 | EA | 70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame | 923.01 | 66.10 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *85.49* | |
| 26 24 13 00-0226 | EA | 125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame | 1,529.55 | 142.44 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *119.04* | |
| 26 24 13 00-0227 | EA | 100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker | 609.11 | 198.42 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *68.75* | |
| 26 24 13 00-0228 | EA | 225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker | 1,718.82 | 114.61 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *85.49* | |
| **26 24 13 00-0229** | | **Switchboard, Structure Per Section Copper, 480 Volt** *(26 24 13 00-0163)* | | |
| 26 24 13 00-0230 | EA | 225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 2,232.55 | 477.37 |
| 26 24 13 00-0231 | EA | 400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 3,175.47 | 645.55 |
| 26 24 13 00-0232 | EA | 600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 3,562.96 | 785.68 |
| 26 24 13 00-0233 | EA | 800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 4,494.18 | 1,099.93 |
| 26 24 13 00-0234 | EA | 1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 5,569.17 | 1,374.91 |
| 26 24 13 00-0235 | EA | 1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 6,137.06 | 1,374.91 |
| 26 24 13 00-0236 | EA | 2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 7,577.36 | 1,833.26 |
| 26 24 13 00-0237 | EA | 2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 8,666.26 | 1,833.26 |
| 26 24 13 00-0238 | EA | 3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 10,191.01 | 2,182.37 |
| 26 24 13 00-0239 | EA | 4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard | 12,194.69 | 2,182.37 |
| **26 24 13 00-0240** | | **Main Devices** *(26 24 13)* | | |
| **26 24 13 00-0241** | | **Power Circuit Breakers** *(26 24 13 00-0240)* | | |
| **26 24 13 00-0242** | | **DSL Breaker With Current Limiters And Amptector** *(26 24 13 00-0241)* Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated. | | |
| 26 24 13 00-0243 | EA | 50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip | 7,832.87 | 1,154.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *691.49* | |
| 26 24 13 00-0244 | EA | 50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip | 14,292.72 | 1,924.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,153.77* | |
| 26 24 13 00-0245 | EA | 1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip | 32,188.44 | 3,233.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,922.95* | |
| 26 24 13 00-0246 | EA | 4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip | 51,854.23 | 5,235.66 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3,197.47* | |
| 26 24 13 00-0247 | EA | Ground-Fault Trip All Power Breakers - Factory Installed | 2,726.80 | |
| 26 24 13 00-0248 | EA | Key Interlock All Power Breakers - Factory Installed | 352.16 | |
| 26 24 13 00-0249 | EA | Short Time Delay Selective Trip - Factory Installed | 462.01 | |
| 26 24 13 00-0250 | EA | Shunt Trip Manually Open Breakers - Factory Installed | 332.77 | |
| **26 24 13 00-0251** | | **DSL Breaker Electrical Operated And Amptector** *(26 24 13 00-0241)* Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated. | | |
| 26 24 13 00-0252 | EA | 50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip | 9,177.24 | 1,209.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *729.40* | |
| 26 24 13 00-0253 | EA | 50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip | 17,047.34 | 2,034.87 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,214.94* | |
| 26 24 13 00-0254 | EA | 1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip | 36,161.10 | 3,354.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2,021.93* | |
| 26 24 13 00-0255 | EA | 4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip | 55,848.42 | 5,499.65 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3,380.93* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 24 13 00-0256** | | **DS Breakers With Amptector Static Trip, Manually Operated** *(26 24 13 00-0241)*<br>Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated. | | |
| 26 24 13 00-0257 | EA | 50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip | 6,234.52 | 1,055.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *634.57* | |
| 26 24 13 00-0258 | EA | 50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip | 11,406.96 | 1,770.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,057.62* | |
| 26 24 13 00-0259 | EA | 2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip | 16,907.27 | 2,969.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,762.70* | |
| 26 24 13 00-0260 | EA | 1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip | 29,178.75 | 4,784.68 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2,935.75* | |
| 26 24 13 00-0261 | EA | 4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip | 47,483.95 | 7,809.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4,881.34* | |
| **26 24 13 00-0262** | | **DS Breakers With Amptector Static Trip, Electrically Operated** *(26 24 13 00-0241)*<br>Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated. | | |
| 26 24 13 00-0263 | EA | 50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip | 7,354.76 | 1,011.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *605.24* | |
| 26 24 13 00-0264 | EA | 50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip | 13,726.07 | 1,693.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,008.49* | |
| 26 24 13 00-0265 | EA | 2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip | 19,546.35 | 2,815.82 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,683.56* | |
| 26 24 13 00-0266 | EA | 1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip | 32,259.55 | 4,586.70 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *2,805.94* | |
| 26 24 13 00-0267 | EA | 4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip | 50,447.23 | 7,864.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4,687.20* | |
| **26 24 13 00-0268** | | **Molded Case Circuit Breakers Conventional** *(26 24 13 00-0241)* | | |
| 26 24 13 00-0269 | EA | 70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker | 2,648.01 | 923.94 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *532.22* | |
| 26 24 13 00-0270 | EA | 125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker | 3,873.03 | 923.94 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *578.91* | |
| 26 24 13 00-0271 | EA | 300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker | 4,296.03 | 1,099.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *634.57* | |
| 26 24 13 00-0272 | EA | 400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker | 5,107.17 | 1,099.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *687.46* | |
| 26 24 13 00-0273 | EA | 600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker | 7,580.39 | 1,319.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *753.38* | |
| 26 24 13 00-0274 | EA | 1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker | 12,251.94 | 1,319.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *833.28* | |
| 26 24 13 00-0275 | EA | Shunt Trip, Factory Installed | 348.93 | |
| 26 24 13 00-0276 | EA | Groundfault Trip Complete Interrupting Circuit, Factory Installed | 80.77 | |
| **26 24 13 00-0277** | | **Switchboard Branch Breaker 480 Volt** *(26 24 13 00-0240)* | | |
| 26 24 13 00-0278 | EA | 60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 551.84 | 79.74 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *47.82* | |
| 26 24 13 00-0279 | EA | 100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 650.84 | 105.82 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.46* | |
| 26 24 13 00-0280 | EA | 225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 1,883.01 | 159.27 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *95.59* | |
| 26 24 13 00-0281 | EA | 400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 2,489.08 | 199.86 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *119.90* | |
| 26 24 13 00-0282 | EA | 600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 3,012.51 | 268.05 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *160.81* | |
| 26 24 13 00-0283 | EA | 800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 3,638.06 | 343.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *206.24* | |
| 26 24 13 00-0284 | EA | 1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 5,851.84 | 523.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *314.27* | |
| 26 24 13 00-0285 | EA | 1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 5,851.84 | 523.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *314.27* | |
| 26 24 13 00-0286 | EA | 1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 8,207.57 | 733.33 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *439.97* | |
| 26 24 13 00-0287 | EA | 2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker | 10,240.04 | 1,099.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *659.96* | |
| **26 24 13 00-0288** | | **Switchboard 277/480 Volt Main Breaker** *(26 24 13 00-0240)* | | |
| 26 24 13 00-0289 | EA | 400 Amperes, 277/480 Volt, Main Breaker, Switchboard | 6,647.08 | 477.37 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *286.44* | |
| 26 24 13 00-0290 | EA | 600 Amperes, 277/480 Volt, Main Breaker, Switchboard | 6,737.84 | 522.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *313.67* | |
| 26 24 13 00-0291 | EA | 800 Amperes, 277/480 Volt, Main Breaker, Switchboard | 7,263.61 | 785.68 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *471.40* | |
| 26 24 13 00-0292 | EA | 1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard | 12,425.88 | 1,099.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *659.96* | |
| 26 24 13 00-0293 | EA | 1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard | 12,659.49 | 1,216.74 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *730.04* | |
| 26 24 13 00-0294 | EA | 2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard | 16,708.34 | 2,182.37 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,309.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 13 00-0295 | | **Branch Or Distribution Devices** *(26 24 13)* | | |
| 26 24 13 00-0296 | | **3 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0295)*<br>Note: Includes certified refurbished circuit breakers. | | |
| 26 24 13 00-0297 | EA | 15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker | 565.79 | 39.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 24 13 00-0298 | EA | 70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker | 571.06 | 49.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 24 13 00-0299 | EA | 125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker | 1,376.26 | 59.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 24 13 00-0300 | EA | 70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker | 1,996.02 | 77.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *51.15* | |
| 26 24 13 00-0301 | EA | 125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker | 2,814.60 | 95.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.35* | |
| 26 24 13 00-0302 | EA | 300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker | 3,686.90 | 111.09 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *74.24* | |
| 26 24 13 00-0303 | EA | 900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker | 5,629.74 | 125.40 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *83.81* | |
| 26 24 13 00-0304 | | **2 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0295)*<br>Note: Includes certified refurbished circuit breakers. | | |
| 26 24 13 00-0305 | EA | 15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker | 389.77 | 29.70 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 24 13 00-0306 | EA | 70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker | 500.73 | 39.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 24 13 00-0307 | EA | 125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker | 1,371.72 | 49.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 24 13 00-0308 | EA | 70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker | 2,174.20 | 54.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.30* | |
| 26 24 13 00-0309 | EA | 125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker | 2,297.06 | 71.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *47.85* | |
| 26 24 13 00-0310 | EA | 900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker | 5,208.04 | 103.94 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *69.29* | |
| 26 24 13 00-0311 | | **Meter Devices And Instrumentation** *(26 24 13)*<br>Note: Factory installed accessories. | | |
| 26 24 13 00-0312 | | **Compartments For Instrument Transformers And Metering Devices** *(26 24 13 00-0311)* | | |
| 26 24 13 00-0313 | EA | Compartment For, Up To 800 Amperes, Primary Current Transformer | 421.62 | |
| 26 24 13 00-0314 | EA | Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer | 609.01 | |
| 26 24 13 00-0315 | EA | Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer | 717.24 | |
| 26 24 13 00-0316 | | **Instruments** *(26 24 13 00-0311)* | | |
| 26 24 13 00-0317 | EA | AC Voltmeter | 575.08 | |
| 26 24 13 00-0318 | EA | AC Ammeter | 575.08 | |
| 26 24 13 00-0319 | EA | AC Wattmeter | 1,536.25 | |
| 26 24 13 00-0320 | EA | Variometer | 1,734.94 | |
| 26 24 13 00-0321 | EA | Power Factor Meter | 1,386.02 | |
| 26 24 13 00-0322 | EA | Frequency Meter | 1,529.79 | |
| 26 24 13 00-0323 | EA | 200 Volt-Amperes Max Potential Transformer | 516.93 | |
| 26 24 13 00-0324 | EA | AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block | 1,946.56 | |
| 26 24 13 00-0325 | EA | AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2 | 3,256.65 | |
| 26 24 13 00-0326 | EA | Weatherproof, Modify Meter | 3,124.83 | |
| 26 24 13 00-0327 | EA | Control Switch Resistor Type 130 V | 72.90 | |
| 26 24 13 00-0328 | EA | Metering Instrument: Voltage, Amperes And Watt Hour | 3,928.34 | |
| **26 24 16** | | **Panelboards** *(26 24)* | | |
| 26 24 16 00-0001 | | **Branch Circuit Panelboard** *(26 24 16)*<br>Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option. | | |
| 26 24 16 00-0002 | | **Assembled Lighting And Power Panelboards** *(26 24 16 00-0001)*<br>Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter. | | |
| 26 24 16 00-0003 | | **120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards** *(26 24 16 00-0002)* | | |
| 26 24 16 00-0004 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers | 1,185.19 | 313.48 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0005 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers | 1,347.38 | 313.48 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0006 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers | 1,530.18 | 434.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0007 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers | 1,715.36 | 434.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0008 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers | 1,889.49 | 544.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0009 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers | 2,068.15 | 544.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0010 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers | 2,240.83 | 626.96 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0011 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers | 2,691.47 | 802.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0012 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers | 2,832.90 | 802.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0013 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Six 20 Ampere Breakers | 2,972.09 | 918.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0014 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers | 3,196.66 | 918.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0015 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers | 3,335.15 | 1,033.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0016 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 3,540.75 | 1,033.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0017 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 3,666.32 | 1,143.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0018 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 3,873.20 | 1,143.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0019 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 4,063.04 | 1,264.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0020 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 4,194.66 | 1,264.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0021 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 4,385.65 | 1,264.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0022 120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0023 | EA | 50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers | 1,405.29 | 302.48 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0024 | EA | 50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers | 1,569.86 | 302.48 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0025 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers | 1,948.54 | 516.97 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0026 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers | 2,209.85 | 516.97 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0027 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers | 2,387.51 | 632.46 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0028 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Cpacity Assembled Panelboard With Eighteen 20 Ampere Breakers | 2,572.67 | 632.46 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0029 | EA | 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers | 2,737.28 | 758.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0030 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers | 3,312.03 | 758.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0031 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers | 3,458.62 | 929.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0032 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers | 3,617.68 | 929.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0033 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers | 3,791.72 | 1,044.94 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0034 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers | 3,933.19 | 1,044.94 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0035 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 4,083.92 | 1,143.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0036 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 4,245.30 | 1,143.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0037 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 4,419.07 | 1,352.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0038 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 4,607.38 | 1,352.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0039 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 4,812.83 | 1,352.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0040 | EA | 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 4,940.44 | 1,429.90 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0041 | | 120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)* | | |
| 26 24 16 00-0042 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers | 1,430.94 | 357.48 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0043 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers | 1,606.06 | 357.48 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0044 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers | 1,804.84 | 478.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0045 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers | 2,013.69 | 478.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0046 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers | 2,200.89 | 588.46 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0047 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers | 2,400.87 | 588.46 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0048 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers | 2,589.29 | 698.45 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0049 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers | 2,784.04 | 698.45 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0050 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers | 2,965.13 | 819.45 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0051 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers | 3,173.68 | 819.45 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0052 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers | 3,386.14 | 945.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0053 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers | 3,594.64 | 945.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0054 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 4,011.10 | 1,143.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0055 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 4,152.94 | 1,143.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0056 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 4,396.20 | 1,270.41 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0057 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 4,616.90 | 1,270.41 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0058 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 4,773.06 | 1,385.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0059 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 4,993.48 | 1,385.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0060 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 4,856.14 | 1,229.72 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0061 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 5,012.67 | 1,292.42 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0062 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 5,266.87 | 1,361.17 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0063 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 5,504.18 | 1,440.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0064 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 5,669.98 | 1,484.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0065 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 5,937.08 | 1,575.65 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0066 120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0067 | EA | 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers | 1,702.86 | 346.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0068 | EA | 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers | 1,880.22 | 346.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0069 | EA | 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers | 2,091.24 | 456.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0070 | EA | 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers | 2,384.61 | 456.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0071 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers | 2,817.04 | 687.45 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0072 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers | 2,999.95 | 687.45 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0073 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers | 3,197.98 | 802.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0074 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers | 3,362.90 | 802.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0075 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers | 3,585.10 | 929.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0076 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers | 3,737.00 | 929.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0077 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers | 3,982.99 | 1,044.94 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0078 | EA | 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers | 4,193.95 | 1,044.94 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0079 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 4,929.85 | 1,209.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0080 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 5,147.98 | 1,275.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0081 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 5,240.76 | 1,275.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0082 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 5,485.61 | 1,440.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0083 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 5,656.53 | 1,440.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0084 | EA | 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two- 20 Ampere Breakers | 5,768.96 | 1,440.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0085 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 5,799.82 | 1,325.42 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0086 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 6,038.27 | 1,402.41 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0087 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 6,134.17 | 1,440.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0088 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 6,398.40 | 1,528.90 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0089 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 6,568.33 | 1,572.90 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0090 | EA | 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 6,728.75 | 1,627.90 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| **26 24 16 00-0091** | | **480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards** *(26 24 16 00-0002)* | | |
| 26 24 16 00-0092 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers | 1,614.84 | 351.98 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0093 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers | 1,846.26 | 351.98 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0094 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers | 2,068.27 | 483.97 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0095 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers | 2,299.68 | 483.97 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0096 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers | 2,515.69 | 604.96 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0097 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers | 2,743.14 | 604.96 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0098 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard WithTwenty 20 Ampere Breakers | 2,980.38 | 731.45 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0099 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers | 3,198.05 | 731.45 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0100 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Four 20 Ampere Breakers | 3,437.08 | 868.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0101 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers | 3,667.94 | 868.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0102 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers | 3,880.42 | 989.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0103 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers | 4,107.87 | 989.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0104 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 4,593.10 | 1,204.42 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0105 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 4,820.28 | 1,204.42 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0106 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 5,062.00 | 1,319.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0107 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers | 5,239.18 | 1,319.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0108 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 5,507.82 | 1,457.41 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0109 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 5,700.36 | 1,457.41 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

## 26 24 16 00-0110 480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0111 | EA | 50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers | 2,054.64 | 373.97 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0112 | EA | 50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers | 2,280.86 | 406.97 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0113 | EA | 50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers | 2,509.55 | 505.96 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0114 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers, | 3,015.95 | 615.96 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0115 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers | 3,234.24 | 681.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0116 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers | 3,433.20 | 736.96 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0117 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers | 3,652.50 | 802.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0118 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers | 3,863.52 | 868.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0119 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers | 4,056.58 | 923.94 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0120 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers | 4,263.70 | 978.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0121 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers | 4,487.85 | 1,044.94 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0122 | EA | 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers | 4,732.84 | 1,127.43 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0123 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 5,955.38 | 1,253.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0124 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 6,190.29 | 1,330.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0125 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 6,357.28 | 1,363.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0126 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 6,621.41 | 1,451.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0127 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Cpacity Assembled Panelboard With Forty 20 Ampere Breakers | 6,805.10 | 1,506.90 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0128 | EA | 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 6,995.59 | 1,554.20 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0129 277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0130 | EA | 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers | 1,965.22 | 384.98 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0131 | EA | 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers | 2,223.62 | 384.98 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0132 | EA | 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers | 2,475.32 | 511.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0133 | EA | 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers | 2,729.08 | 511.47 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0134 | EA | 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers | 2,986.97 | 632.46 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0135 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers | 3,239.53 | 632.46 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0136 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers | 3,496.22 | 758.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0137 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers | 3,751.85 | 758.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0138 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers | 4,031.11 | 890.94 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0139 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers | 4,265.09 | 890.94 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0140 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers | 4,512.29 | 896.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0141 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers | 4,775.45 | 896.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0142 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 5,439.94 | 1,242.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0143 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 5,709.14 | 1,242.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0144 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 5,917.10 | 1,308.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0145 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 6,211.02 | 1,396.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0146 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 6,433.01 | 1,396.91 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0147 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 6,759.16 | 1,528.90 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0148 | | 277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)* | | |
| 26 24 16 00-0149 | EA | 50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers | 2,550.99 | 472.97 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0150 | EA | 50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers | 2,815.49 | 472.97 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0151 | EA | 50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers | 3,070.04 | 626.96 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0152 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers | 3,656.48 | 626.96 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0153 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers | 3,901.71 | 791.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0154 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers | 4,146.55 | 791.95 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0155 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers | 4,383.10 | 907.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,337.39* | |
| 26 24 16 00-0156 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers | 4,601.70 | 907.44 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0157 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers | 4,834.36 | 1,033.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0158 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers | 5,084.03 | 1,033.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0159 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers | 5,298.69 | 1,143.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0160 | EA | 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers | 5,524.00 | 1,143.93 |
| | | *For NEMA 3R Panelboard, Add* | *1,470.77* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0161 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers | 7,221.36 | 1,352.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0162 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers | 7,494.99 | 1,352.92 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0163 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers | 7,696.71 | 1,479.40 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0164 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers | 8,002.59 | 1,479.40 |
| | | *For NEMA 3R Panelboard, Add* | *1,737.33* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0165 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers | 8,222.87 | 1,616.90 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0166 | EA | 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 8,450.67 | 1,616.90 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0167 | EA | 400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 10,030.24 | 1,800.59 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0168 | EA | 600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers | 12,209.67 | 2,161.35 |
| | | *For NEMA 3R Panelboard, Add* | *1,808.20* | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

### 26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

### 26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0172 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 627.64 | |
| 26 24 16 00-0173 | EA | 100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 721.98 | |
| 26 24 16 00-0174 | EA | 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 982.28 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0175 | EA | 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,133.59 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0176 | EA | 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,282.62 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0177 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,434.07 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0178 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,556.79 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0179 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,704.62 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0180 | EA | 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,850.97 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0181 | EA | 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,973.12 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0182 | EA | 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,154.65 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0184 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 933.46 | |
| 26 24 16 00-0185 | EA | 100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,057.33 | |
| 26 24 16 00-0186 | EA | 225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,693.46 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0187 | EA | 225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,879.94 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0188 | EA | 225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,055.04 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0189 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,572.11 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0190 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,780.67 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0191 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,969.28 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0193 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,271.78 | |
| 26 24 16 00-0194 | EA | 100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,358.75 | |
| 26 24 16 00-0195 | EA | 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,603.71 | |
| 26 24 16 00-0196 | EA | 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,751.96 | |
| 26 24 16 00-0197 | EA | 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,889.33 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0198 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,159.79 | |
| 26 24 16 00-0199 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,274.54 | |
| 26 24 16 00-0200 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,415.01 | |
| 26 24 16 00-0201 | EA | 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,617.79 | |
| 26 24 16 00-0202 | EA | 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,735.48 | |
| 26 24 16 00-0203 | EA | 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,905.59 | |

### 26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0205 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,570.23 | |
| 26 24 16 00-0206 | EA | 100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,686.13 | |
| 26 24 16 00-0207 | EA | 225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,433.90 | |
| 26 24 16 00-0208 | EA | 225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,605.66 | |
| 26 24 16 00-0209 | EA | 225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,769.72 | |
| 26 24 16 00-0210 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,271.45 | |
| 26 24 16 00-0211 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,472.65 | |
| 26 24 16 00-0212 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,659.43 | |

### 26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers

### 26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0215 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 707.25 | |
| 26 24 16 00-0216 | EA | 100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 831.62 | |
| 26 24 16 00-0217 | EA | 100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 935.81 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0218 | EA | 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,058.84 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0219 | EA | 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,218.65 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0220 | EA | 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,349.41 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0221 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,555.85 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0222 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,676.35 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0223 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,809.30 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0224 | EA | 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,986.23 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0225 | EA | 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,192.59 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0226 | EA | 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,595.04 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0228 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,094.70 | |
| 26 24 16 00-0229 | EA | 100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,234.55 | |
| 26 24 16 00-0230 | EA | 100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,414.65 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0231 | EA | 225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,097.84 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0232 | EA | 225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,271.46 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0233 | EA | 225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,432.94 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0234 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 3,369.19 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0235 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 3,562.89 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0236 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 3,723.68 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0238 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,351.38 | |
| 26 24 16 00-0239 | EA | 100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,468.39 | |
| 26 24 16 00-0240 | EA | 100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,564.61 | |
| 26 24 16 00-0241 | EA | 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,680.28 | |
| 26 24 16 00-0242 | EA | 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,837.02 | |
| 26 24 16 00-0243 | EA | 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,956.12 | |
| 26 24 16 00-0244 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,281.58 | |
| 26 24 16 00-0245 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,394.10 | |
| 26 24 16 00-0246 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,519.68 | |
| 26 24 16 00-0247 | EA | 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,753.05 | |
| 26 24 16 00-0248 | EA | 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,945.31 | |
| 26 24 16 00-0249 | EA | 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 3,347.75 | |

### 26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0251 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,731.47 | |
| 26 24 16 00-0252 | EA | 100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 1,863.34 | |
| 26 24 16 00-0253 | EA | 100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,039.15 | |
| 26 24 16 00-0254 | EA | 225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,838.29 | |
| 26 24 16 00-0255 | EA | 225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 2,997.18 | |
| 26 24 16 00-0256 | EA | 225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 3,147.62 | |
| 26 24 16 00-0257 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 4,711.69 | |
| 26 24 16 00-0258 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 4,911.76 | |
| 26 24 16 00-0259 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard | 5,083.35 | |

### 26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

### 26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0262 | EA | 125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,015.23 | |
| 26 24 16 00-0263 | EA | 125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,113.85 | |
| 26 24 16 00-0264 | EA | 250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,537.30 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0265 | EA | 250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,713.76 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0266 | EA | 250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,866.36 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0267 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,860.58 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0268 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,960.38 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0269 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,129.47 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0270 | EA | 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,246.18 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0271 | EA | 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,407.62 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0272 | EA | 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,628.88 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0274 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,082.93 | |
| 26 24 16 00-0275 | EA | 100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,148.71 | |
| 26 24 16 00-0276 | EA | 125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,332.59 | |
| 26 24 16 00-0277 | EA | 125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,457.52 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0278 | EA | 125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,705.43 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0279 | EA | 250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,516.47 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0280 | EA | 250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,671.12 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0281 | EA | 250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,870.29 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0282 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,993.02 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0283 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,200.44 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0284 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,388.72 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0286 | EA | 125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,637.28 | |
| 26 24 16 00-0287 | EA | 125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 1,735.90 | |
| 26 24 16 00-0288 | EA | 250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,144.62 | |
| 26 24 16 00-0289 | EA | 250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,427.83 | |
| 26 24 16 00-0290 | EA | 250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,568.15 | |
| 26 24 16 00-0291 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,562.38 | |
| 26 24 16 00-0292 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,643.78 | |
| 26 24 16 00-0293 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,786.48 | |
| 26 24 16 00-0294 | EA | 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,964.54 | |
| 26 24 16 00-0295 | EA | 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,110.94 | |
| 26 24 16 00-0296 | EA | 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,299.90 | |

### 26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0298 | EA | 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,837.48 | |
| 26 24 16 00-0299 | EA | 100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,903.26 | |
| 26 24 16 00-0300 | EA | 125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 2,945.43 | |
| 26 24 16 00-0301 | EA | 125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,064.85 | |
| 26 24 16 00-0302 | EA | 125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 3,419.50 | |
| 26 24 16 00-0303 | EA | 250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,218.27 | |
| 26 24 16 00-0304 | EA | 250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,354.52 | |
| 26 24 16 00-0305 | EA | 250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,527.31 | |
| 26 24 16 00-0306 | EA | 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,650.03 | |
| 26 24 16 00-0307 | EA | 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 4,840.60 | |
| 26 24 16 00-0308 | EA | 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard | 5,026.30 | |

### 26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

### 26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0311 | EA | 125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 1,056.95 | |
| 26 24 16 00-0312 | EA | 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 1,156.18 | |
| 26 24 16 00-0313 | EA | 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 1,337.63 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0314 | EA | 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 1,598.69 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0315 | EA | 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 1,776.49 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0316 | EA | 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 1,927.90 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0317 | EA | 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 1,941.72 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0318 | EA | 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 2,060.99 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0319 | EA | 400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 2,228.79 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0320 | EA | 600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 2,345.72 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0321 | EA | 600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 2,507.91 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0322 | EA | 600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard | 2,730.00 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0323 Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0324 | EA | 100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 2,297.64 | |
| 26 24 16 00-0325 | EA | 100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 2,364.03 | |
| 26 24 16 00-0326 | EA | 100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 2,561.48 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0327 | EA | 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 2,627.73 | |
| 26 24 16 00-0328 | EA | 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 2,753.18 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0329 | EA | 125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 3,000.44 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0330 | EA | 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 3,862.69 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0331 | EA | 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 4,019.20 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0332 | EA | 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 4,216.27 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |
| 26 24 16 00-0333 | EA | 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 4,407.87 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *107.47* | |
| 26 24 16 00-0334 | EA | 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 4,617.30 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *183.55* | |
| 26 24 16 00-0335 | EA | 400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard | 4,805.45 | |
| | | *For Door-In-Door (Hinged) Trim Front, Add* | *234.58* | |

### 26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0337 | EA | 125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 1,679.00 | |
| 26 24 16 00-0338 | EA | 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 1,778.23 | |
| 26 24 16 00-0339 | EA | 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 1,950.47 | |
| 26 24 16 00-0340 | EA | 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 2,206.01 | |
| 26 24 16 00-0341 | EA | 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 2,490.55 | |
| 26 24 16 00-0342 | EA | 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 2,629.70 | |
| 26 24 16 00-0343 | EA | 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 2,645.36 | |
| 26 24 16 00-0344 | EA | 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 2,744.38 | |
| 26 24 16 00-0345 | EA | 400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 2,885.80 | |
| 26 24 16 00-0346 | EA | 600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 3,064.08 | |
| 26 24 16 00-0347 | EA | 600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 3,210.94 | |
| 26 24 16 00-0348 | EA | 600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard | 3,399.90 | |

### 26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0350 | EA | 100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 2,904.96 | |
| 26 24 16 00-0351 | EA | 100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 2,971.35 | |
| 26 24 16 00-0352 | EA | 100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 3,275.54 | |
| 26 24 16 00-0353 | EA | 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 3,240.58 | |
| 26 24 16 00-0354 | EA | 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 3,360.51 | |
| 26 24 16 00-0355 | EA | 125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 3,714.51 | |
| 26 24 16 00-0356 | EA | 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 4,564.48 | |
| 26 24 16 00-0357 | EA | 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 4,702.60 | |
| 26 24 16 00-0358 | EA | 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 4,873.28 | |
| 26 24 16 00-0359 | EA | 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 5,064.88 | |
| 26 24 16 00-0360 | EA | 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 5,257.14 | |
| 26 24 16 00-0361 | EA | 400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard | 5,442.22 | |

### 26 24 16 00-0362 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: Square D I-Line or equal.

### 26 24 16 00-0363 Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0364 | EA | 400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 1,801.67 | 327.08 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *196.25* | |
| 26 24 16 00-0365 | EA | 400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 2,109.18 | 326.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *196.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0366 | EA | 400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 2,340.74 | 326.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *196.20* | |
| 26 24 16 00-0367 | EA | 600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 2,671.92 | 536.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *322.20* | |
| 26 24 16 00-0368 | EA | 600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 2,851.14 | 536.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *322.20* | |
| 26 24 16 00-0369 | EA | 600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 3,047.81 | 536.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *322.20* | |
| 26 24 16 00-0370 | EA | 800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 3,294.38 | 713.85 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *428.29* | |
| 26 24 16 00-0371 | EA | 800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 3,466.87 | 715.95 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *429.60* | |
| 26 24 16 00-0372 | EA | 800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 3,537.05 | 713.85 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *428.29* | |
| 26 24 16 00-0373 | EA | 800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 4,105.64 | 713.85 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *428.29* | |
| 26 24 16 00-0374 | EA | 1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 5,352.55 | 1,073.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *644.39* | |
| 26 24 16 00-0375 | EA | 1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 5,739.55 | 1,073.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *644.39* | |
| 26 24 16 00-0376 | EA | 1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 6,055.96 | 1,073.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *644.39* | |
| 26 24 16 00-0377 | EA | 1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 6,442.16 | 1,073.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *644.39* | |

### 26 24 16 00-0378 Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0379 | EA | 225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 3,478.44 | 334.01 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *200.40* | |
| 26 24 16 00-0380 | EA | 400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 4,565.77 | 378.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *227.31* | |
| 26 24 16 00-0381 | EA | 400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 4,789.40 | 378.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *227.31* | |
| 26 24 16 00-0382 | EA | 400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 5,447.60 | 378.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *227.31* | |
| 26 24 16 00-0383 | EA | 600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 7,106.43 | 621.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *372.62* | |
| 26 24 16 00-0384 | EA | 600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 7,476.11 | 622.70 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *373.61* | |
| 26 24 16 00-0385 | EA | 600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 7,780.50 | 621.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *372.62* | |
| 26 24 16 00-0386 | EA | 800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 8,985.59 | 830.20 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *498.15* | |
| 26 24 16 00-0387 | EA | 800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 9,423.02 | 827.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *496.39* | |
| 26 24 16 00-0388 | EA | 800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard | 9,859.18 | 827.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *496.39* | |

### 26 24 16 00-0389 Residential Lighting And Power Panelboards *(26 24 16 00-0001)*

See CSI section 26 28 16 13-0001 for circuit breakers.

### 26 24 16 00-0390 Residential Type Unassembled Load Center *(26 24 16 00-0389)*

Note: Interior box and cover, includes ground bar kit.

### 26 24 16 00-0391 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)*

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0392 | EA | 30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard | 148.78 | 54.99 |
| 26 24 16 00-0393 | EA | 70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard | 497.62 | 219.99 |
| 26 24 16 00-0394 | EA | 100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard | 752.82 | 314.02 |
| 26 24 16 00-0395 | EA | 125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard | 1,609.60 | 660.07 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0396 | EA | 150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard | 1,760.54 | 714.95 |
| 26 24 16 00-0397 | | Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)* | | |
| | | Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta. | | |
| 26 24 16 00-0398 | EA | 60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard | 207.85 | 60.50 |
| 26 24 16 00-0399 | EA | 125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard | 373.71 | 66.00 |
| 26 24 16 00-0400 | | Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)* | | |
| 26 24 16 00-0401 | EA | 40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard | 211.40 | 60.50 |
| 26 24 16 00-0402 | EA | 70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard | 235.85 | 66.00 |
| 26 24 16 00-0403 | EA | 100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard | 823.91 | 314.02 |
| 26 24 16 00-0404 | EA | 150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard | 1,868.73 | 714.95 |
| 26 24 16 00-0405 | | Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)* | | |
| | | Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof. | | |
| 26 24 16 00-0406 | EA | 60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard | 261.94 | 60.50 |
| 26 24 16 00-0407 | EA | 125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard | 1,807.58 | 660.07 |
| 26 24 16 00-0408 | | Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)* | | |
| 26 24 16 00-0409 | EA | 125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard | 1,946.52 | 660.07 |
| 26 24 16 00-0410 | EA | 150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard | 2,112.92 | 714.95 |
| 26 24 16 00-0411 | EA | 300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard | 7,477.11 | 1,099.93 |
| 26 24 16 00-0412 | | Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)* | | |
| | | Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta. | | |
| 26 24 16 00-0413 | EA | 125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard | 2,844.14 | 660.07 |
| 26 24 16 00-0414 | EA | 150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard | 3,102.50 | 714.95 |
| 26 24 16 00-0415 | EA | 300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard | 8,232.40 | 1,099.93 |
| 26 24 16 00-0416 | | Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)* | | |
| 26 24 16 00-0417 | EA | 125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard | 2,046.98 | 660.07 |
| 26 24 16 00-0418 | EA | 150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard | 2,284.46 | 714.95 |
| 26 24 16 00-0419 | | Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)* | | |
| | | Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof. | | |
| 26 24 16 00-0420 | EA | 125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard | 3,010.75 | 660.07 |
| 26 24 16 00-0421 | EA | 155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard | 3,120.58 | 714.95 |
| 26 24 16 00-0422 | | Residential Type Assembled Load Center *(26 24 16 00-0389)* | | |
| 26 24 16 00-0423 | | Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0422)* | | |
| | | Note: Includes 1 pole plug-in breaker. | | |
| 26 24 16 00-0424 | EA | 100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 753.29 | 314.02 |
| 26 24 16 00-0425 | EA | 100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 917.59 | 366.82 |
| 26 24 16 00-0426 | EA | 100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 770.29 | 314.02 |
| 26 24 16 00-0427 | EA | 100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 922.23 | 366.82 |
| 26 24 16 00-0428 | EA | 200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,339.54 | 488.92 |
| 26 24 16 00-0429 | EA | 200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,580.10 | 586.81 |
| 26 24 16 00-0430 | EA | 200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,806.76 | 677.01 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0431 | EA | 200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,991.26 | 732.89 |
| 26 24 16 00-0432 | EA | 200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,980.34 | 1,099.93 |
| 26 24 16 00-0433 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,399.81 | 488.92 |
| 26 24 16 00-0434 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,637.28 | 586.81 |
| 26 24 16 00-0435 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,863.94 | 677.01 |
| 26 24 16 00-0436 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,045.35 | 732.89 |
| 26 24 16 00-0437 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,158.07 | 1,099.93 |
| 26 24 16 00-0438 | EA | 400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,672.95 | 1,222.13 |
| 26 24 16 00-0439 | EA | 400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,858.41 | 1,222.13 |

### 26 24 16 00-0440 Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0422)*

Note: Includes 1 pole plug-in breaker.

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0441 | EA | 125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,004.14 | 366.82 |
| 26 24 16 00-0442 | EA | 125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,497.12 | 549.96 |
| 26 24 16 00-0443 | EA | 125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,055.14 | 366.82 |
| 26 24 16 00-0444 | EA | 125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,543.49 | 549.96 |
| 26 24 16 00-0445 | EA | 200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,894.85 | 677.01 |
| 26 24 16 00-0446 | EA | 200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,069.31 | 733.33 |
| 26 24 16 00-0447 | EA | 200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,533.20 | 880.27 |
| 26 24 16 00-0448 | EA | 200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,042.16 | 1,099.93 |
| 26 24 16 00-0449 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,948.95 | 677.01 |
| 26 24 16 00-0450 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,130.35 | 732.89 |
| 26 24 16 00-0451 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,740.72 | 879.61 |
| 26 24 16 00-0452 | EA | 200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,250.80 | 1,099.93 |
| 26 24 16 00-0453 | EA | 400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,719.32 | 1,222.13 |
| 26 24 16 00-0454 | EA | 400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,904.77 | 1,222.13 |

### 26 24 16 00-0455 Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0422)*

Note: Includes 1 pole plug-in breaker.

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0456 | EA | 125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 997.96 | 366.82 |
| 26 24 16 00-0457 | EA | 125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,475.49 | 549.96 |
| 26 24 16 00-0458 | EA | 200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,706.83 | 586.81 |
| 26 24 16 00-0459 | EA | 200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,957.33 | 677.34 |
| 26 24 16 00-0460 | EA | 200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,154.32 | 733.33 |
| 26 24 16 00-0461 | EA | 200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,852.16 | 977.83 |
| 26 24 16 00-0462 | EA | 200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,722.28 | 586.81 |
| 26 24 16 00-0463 | EA | 200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 1,987.58 | 677.01 |
| 26 24 16 00-0464 | EA | 200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,161.26 | 732.89 |
| 26 24 16 00-0465 | EA | 200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,767.16 | 977.83 |
| 26 24 16 00-0466 | EA | 400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 5,264.81 | 1,222.13 |
| 26 24 16 00-0467 | EA | 400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 5,573.91 | 1,222.13 |

### 26 24 16 00-0468 Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0422)*

Note: Includes 1 pole plug-in breaker.

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0469 | EA | 200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,587.06 | 733.33 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 16 00-0470 | EA | 200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,536.72 | 1,099.93 |
| 26 24 16 00-0471 | EA | 200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 2,679.01 | 732.89 |
| 26 24 16 00-0472 | EA | 200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers | 3,629.44 | 1,099.93 |

### 26 24 16 00-0473 Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*

### 26 24 16 00-0474 Midget Finger-Safe Fuse Holders *(26 24 16 00-0473)*

Note: 30 Amp capacity. Excludes fuse.

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0475 | EA | 1 Pole Midget Finger-Safe Fuse Holder | 69.59 | 19.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 24 16 00-0476 | EA | 1 Pole With Indicator Midget Finger-Safe Fuse Holder | 81.72 | 19.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 24 16 00-0477 | EA | 2 Pole Midget Finger-Safe Fuse Holder | 112.09 | 29.70 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 24 16 00-0478 | EA | 2 Pole With Indicators Midget Finger-Safe Fuse Holder | 143.73 | 29.70 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 24 16 00-0479 | EA | 3 Pole Midget Finger-Safe Fuse Holder | 164.41 | 39.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 24 16 00-0480 | EA | 3 Pole With Indicators Midget Finger-Safe Fuse Holder | 206.44 | 39.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 24 16 00-0481 | EA | 3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder<br>Note: With indicators. | 241.60 | 39.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 24 16 00-0482 | EA | 3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder | 194.99 | 39.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 24 16 00-0483 | EA | 4 Pole Midget Finger-Safe Fuse Holder | 207.03 | 49.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 24 16 00-0484 | EA | 4 Pole With Indicator Midget Finger-Safe Fuse Holder | 253.19 | 49.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 24 16 00-0485 | EA | 12 To 24 Volt DC Midget Finger-Safe Fuse Holder<br>Note: With indicator. | 81.76 | 19.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 24 16 00-0486 | EA | 20 To 24 Volt DC Midget Finger-Safe Fuse Holder<br>Note: With indicator. | 88.20 | 19.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 24 16 00-0487 | EA | 35 To 48 Volt DC Midget Finger-Safe Fuse Holder<br>Note: With indicator. | 82.94 | 19.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |

### 26 24 16 00-0488 Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)*

Note: Includes storage, cleaning and supply materials.

| | | | | |
|---|---|---|---|---|
| 26 24 16 00-0489 | EA | Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers<br>Note: Includes removal and reinstallation of main wiring to panelboard. | 1,381.14 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *412.47* | |
| 26 24 16 00-0490 | EA | Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage | 73.28 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *21.45* | |
| 26 24 16 00-0491 | EA | Panelboard Filler Plate, Fits 1" Opening | 5.23 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1.03* | |

## 26 24 19 Motor-Control Centers *(26 24)*

### 26 24 19 00-0001 Combination Starters With Molded Case Circuit Breakers *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.

### 26 24 19 00-0002 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0003 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit | 2,324.04 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0004 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit | 2,753.81 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0005 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit | 4,103.00 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0006 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit | 7,445.49 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0007 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit | 15,007.47 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0008 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit | 25,254.69 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |

### 26 24 19 00-0009 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0010 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit | 2,324.04 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0011 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit | 2,753.81 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0012 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit | 4,103.00 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0013 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit | 7,445.49 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0014 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit | 15,007.47 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0015 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit | 25,254.69 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| **26 24 19 00-0016** | | **230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* | | |
| | | Note: 1-Speed reversing. | | |
| 26 24 19 00-0017 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit | 3,372.25 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0018 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit | 4,497.13 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0019 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit | 6,450.36 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0020 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit | 11,291.88 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0021 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit | 22,236.12 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0022 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit | 38,326.21 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| **26 24 19 00-0023** | | **480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* | | |
| | | Note: 1-Speed reversing. | | |
| 26 24 19 00-0024 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit | 3,372.25 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0025 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit | 4,497.13 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0026 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit | 6,450.36 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0027 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit | 11,291.88 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0028 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit | 22,236.12 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0029 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit | 38,326.21 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| **26 24 19 00-0030** | | **230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* | | |
| | | Note: 2-Speed non-reversing, 2 wind. | | |
| 26 24 19 00-0031 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit | 4,099.09 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0032 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit | 5,642.65 | 170.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.50* | |
| 26 24 19 00-0033 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit | 8,314.35 | 180.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *108.52* | |
| 26 24 19 00-0034 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit | 14,869.27 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0035 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit | 24,642.22 | 241.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *144.70* | |
| **26 24 19 00-0036** | | **480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* | | |
| | | Note: 2-Speed non-reversing, 2 wind. | | |
| 26 24 19 00-0037 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit | 4,099.09 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0038 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit | 5,642.65 | 170.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.50* | |
| 26 24 19 00-0039 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit | 8,314.35 | 180.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *108.52* | |
| 26 24 19 00-0040 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit | 14,869.27 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0041 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit | 24,642.22 | 241.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *144.70* | |
| **26 24 19 00-0042** | | **230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* | | |
| | | Note: 2-Speed non-reversing, 2 wind. | | |
| 26 24 19 00-0043 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit | 4,742.47 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0044 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit | 7,062.13 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0045 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit | 9,670.49 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0046 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit | 18,174.08 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0047 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit | 31,494.55 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| **26 24 19 00-0048** | | **480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* | | |
| | | Note: 2-Speed non-reversing, 1 wind. | | |
| 26 24 19 00-0049 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit | 4,742.47 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0050 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit | 7,062.13 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0051 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit | 9,670.49 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0052 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit | 18,174.08 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0053 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit | 31,494.55 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0054 | | 230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* | | |
| | | Note: Reducing volt, auto-transformer. | | |
| 26 24 19 00-0055 | EA | 230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit | 7,017.71 | 105.51 |
| 26 24 19 00-0056 | EA | 230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit | 10,748.74 | 115.55 |
| 26 24 19 00-0057 | EA | 230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit | 18,123.00 | 130.63 |
| 26 24 19 00-0058 | EA | 230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit | 28,039.02 | 150.73 |
| 26 24 19 00-0059 | EA | 230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit | 47,973.29 | 200.97 |
| 26 24 19 00-0060 | | 480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* | | |
| | | Note: Reducing volt, auto-transformer. | | |
| 26 24 19 00-0061 | EA | 480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit | 7,017.71 | 105.51 |
| 26 24 19 00-0062 | EA | 480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit | 10,748.74 | 115.55 |
| 26 24 19 00-0063 | EA | 480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit | 18,123.00 | 130.63 |
| 26 24 19 00-0064 | EA | 480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit | 28,039.02 | 150.73 |
| 26 24 19 00-0065 | EA | 480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit | 47,973.29 | 200.97 |
| 26 24 19 00-0066 | | 230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* | | |
| | | Note: Reducing volt, part winding. | | |
| 26 24 19 00-0067 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit | 4,785.31 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0068 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit | 6,183.56 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0069 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit | 10,882.96 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0070 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit | 18,557.38 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0071 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit | 25,495.88 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |
| 26 24 19 00-0072 | | 480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* | | |
| | | Note: Reducing volt, part winding. | | |
| 26 24 19 00-0073 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit | 4,785.31 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0074 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit | 6,183.56 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0075 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit | 10,882.96 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0076 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit | 18,557.38 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0077 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit | 25,495.88 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |
| 26 24 19 00-0078 | | 230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* | | |
| | | Note: Reducing volt, energy saver. | | |
| 26 24 19 00-0079 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit | 19,817.46 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0080 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit | 21,021.44 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0081 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit | 23,212.52 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0082 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit | 35,151.66 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0083 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit | 47,942.76 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0084 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit | 65,063.54 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |
| 26 24 19 00-0085 | | 480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* | | |
| | | Note: Reducing volt, energy saver. | | |
| 26 24 19 00-0086 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit | 19,817.46 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0087 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit | 21,021.44 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0088 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit | 23,212.52 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0089 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit | 35,151.66 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0090 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit | 47,942.76 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0091 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit | 65,063.54 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |

### 26 24 19 00-0092 Combination Starters With Current Limiting Circuit Breakers *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.

### 26 24 19 00-0093 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed non-reversing.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0094 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit | 3,112.41 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0095 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit | 3,542.19 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0096 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit | 5,482.10 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0097 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit | 10,108.20 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0098 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit | 18,103.24 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0099 | EA | 230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit | 29,511.93 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |

### 26 24 19 00-0100 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed non-reversing.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0101 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit | 3,112.41 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0102 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit | 3,542.19 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0103 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit | 5,482.10 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0104 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit | 10,108.20 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0105 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit | 18,103.24 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0106 | EA | 480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit | 29,511.93 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |

### 26 24 19 00-0107 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed reversing.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0108 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit | 4,153.96 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0109 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit | 5,269.96 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0110 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit | 7,798.38 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0111 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit | 13,919.07 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0112 | EA | 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit | 25,269.70 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |

### 26 24 19 00-0113 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed reversing.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0114 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit | 4,153.96 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0115 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit | 5,269.96 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0116 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit | 7,798.38 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0117 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit | 13,919.07 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0118 | EA | 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit | 25,269.70 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |

### 26 24 19 00-0119 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 2 wind.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0120 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit | 4,867.48 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0121 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit | 6,399.94 | 170.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.50* | |
| 26 24 19 00-0122 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit | 9,640.15 | 180.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *108.52* | |
| 26 24 19 00-0123 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit | 17,465.36 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0124 | EA | 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit | 27,651.38 | 241.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *144.70* | |
| **26 24 19 00-0125** | | **480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Full volt, 2-speed non-reversing, 2 wind. | | |
| 26 24 19 00-0126 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit | 4,867.48 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0127 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit | 6,399.94 | 170.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.50* | |
| 26 24 19 00-0128 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit | 9,640.15 | 180.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *108.52* | |
| 26 24 19 00-0129 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit | 17,465.36 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0130 | EA | 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit | 27,651.38 | 241.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *144.70* | |
| **26 24 19 00-0131** | | **230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Full volt, 2-speed non-reversing, 1 wind. | | |
| 26 24 19 00-0132 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit | 5,611.35 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0133 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit | 7,916.61 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0134 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit | 11,110.22 | 170.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.50* | |
| 26 24 19 00-0135 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit | 20,869.70 | 195.95 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *117.56* | |
| 26 24 19 00-0136 | EA | 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit | 34,604.54 | 231.12 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *138.68* | |
| **26 24 19 00-0137** | | **480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Full volt, 2-speed non-reversing, 1 wind. | | |
| 26 24 19 00-0138 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit | 5,611.35 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0139 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit | 7,916.61 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0140 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit | 11,110.22 | 170.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.50* | |
| 26 24 19 00-0141 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit | 20,869.70 | 195.95 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *117.56* | |
| 26 24 19 00-0142 | EA | 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit | 34,604.54 | 231.12 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *138.68* | |
| **26 24 19 00-0143** | | **230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Reduced volt, auto-transformer. | | |
| 26 24 19 00-0144 | EA | 230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit | 7,763.90 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0145 | EA | 230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit | 12,507.60 | 115.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *69.34* | |
| 26 24 19 00-0146 | EA | 230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit | 21,145.49 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0147 | EA | 230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit | 32,038.65 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0148 | EA | 230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit | 52,719.10 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 24 19 00-0149** | | **480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Reduced volt, auto-transformer. | | |
| 26 24 19 00-0150 | EA | 480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit | 7,763.90 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0151 | EA | 480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit | 12,507.60 | 115.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *69.34* | |
| 26 24 19 00-0152 | EA | 480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit | 21,145.49 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0153 | EA | 480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit | 32,038.65 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0154 | EA | 480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit | 52,719.10 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| **26 24 19 00-0155** | | **230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Reduced volt, part winding. | | |
| 26 24 19 00-0156 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit | 5,553.70 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0157 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit | 6,936.41 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0158 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit | 12,199.89 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0159 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit | 21,617.62 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0160 | EA | 230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit | 31,896.18 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |
| **26 24 19 00-0161** | | **480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Reduced volt, part winding. | | |
| 26 24 19 00-0162 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit | 5,553.70 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0163 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit | 6,936.41 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0164 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit | 12,199.89 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0165 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit | 21,617.62 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0166 | EA | 480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit | 31,896.18 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |
| **26 24 19 00-0167** | | **230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Reduced volt, energy saving | | |
| 26 24 19 00-0168 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit | 20,454.82 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0169 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit | 21,652.14 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0170 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit | 23,821.01 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0171 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit | 35,655.78 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0172 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit | 48,333.62 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0173 | EA | 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit | 67,744.03 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |
| **26 24 19 00-0174** | | **480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* | | |
| | | Note: Reduced volt, energy saving | | |
| 26 24 19 00-0175 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit | 20,454.86 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.39* | |
| 26 24 19 00-0176 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit | 21,652.14 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0177 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit | 23,821.01 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0178 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit | 35,655.78 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0179 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit | 48,333.62 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0180 | EA | 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit | 67,744.03 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0181 | | Combination Starters With Fusible Switch *(26 24 19)*<br>Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally. | | |
| 26 24 19 00-0182 | | 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*<br>Note: 1-Speed non-reversing. | | |
| 26 24 19 00-0183 | EA | 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 2,066.43 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0184 | EA | 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 2,853.75 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0185 | EA | 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 4,818.09 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0186 | EA | 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 8,504.80 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0187 | EA | 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 13,812.69 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0188 | EA | 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 24,643.98 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0189 | | 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*<br>Note: 1-Speed non-reversing. | | |
| 26 24 19 00-0190 | EA | 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 2,066.43 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0191 | EA | 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 2,853.75 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0192 | EA | 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 4,818.09 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0193 | EA | 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 8,504.80 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0194 | EA | 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 13,812.69 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0195 | EA | 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing | 24,643.98 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0196 | | 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*<br>Note: 1-Speed reversing. | | |
| 26 24 19 00-0197 | EA | 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 3,343.38 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0198 | EA | 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 4,985.70 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0199 | EA | 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 7,982.70 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0200 | EA | 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 13,015.21 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0201 | EA | 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 20,028.66 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0202 | EA | 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 34,051.21 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0203 | | 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*<br>Note: 1-Speed reversing. | | |
| 26 24 19 00-0204 | EA | 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 3,343.38 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0205 | EA | 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 4,985.70 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0206 | EA | 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 7,982.70 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0207 | EA | 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 13,015.21 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0208 | EA | 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 20,028.66 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0209 | EA | 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing | 34,051.21 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0210 | | 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*<br>Note: 2-Speed non-reversing, 2 wind. | | |
| 26 24 19 00-0211 | EA | 10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 3,912.54 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0212 | EA | 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 5,385.04 | 170.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.50* | |
| 26 24 19 00-0213 | EA | 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 8,480.91 | 180.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *108.52* | |
| 26 24 19 00-0214 | EA | 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 15,157.97 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0215 | EA | 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 24,155.87 | 241.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *144.70* | |
| 26 24 19 00-0216 | | 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*<br>Note: 2-Speed non-reversing, 2 wind. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0217 | EA | 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 3,912.54 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0218 | EA | 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 5,385.04 | 170.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.50* | |
| 26 24 19 00-0219 | EA | 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 8,480.91 | 180.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *108.52* | |
| 26 24 19 00-0220 | EA | 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 15,157.97 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0221 | EA | 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter | 24,155.87 | 241.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *144.70* | |
| **26 24 19 00-0222** | | **230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)* | | |
| | | Note: 2-Speed non-reversing, 1 wind. | | |
| 26 24 19 00-0223 | EA | 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter | 4,471.53 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0224 | EA | 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter | 6,822.29 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0225 | EA | 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter | 9,825.95 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0226 | EA | 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter | 19,813.02 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| **26 24 19 00-0227** | | **480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)* | | |
| | | Note: 2-Speed non-reversing, 1 wind. | | |
| 26 24 19 00-0228 | EA | 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter | 4,471.53 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0229 | EA | 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter | 6,822.29 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0230 | EA | 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter | 9,825.95 | 110.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *66.32* | |
| 26 24 19 00-0231 | EA | 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter | 19,813.02 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| **26 24 19 00-0232** | | **230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* | | |
| | | Note: Auto-transformer. | | |
| 26 24 19 00-0233 | EA | 15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 6,775.65 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0234 | EA | 30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 11,967.95 | 115.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *69.34* | |
| 26 24 19 00-0235 | EA | 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 19,944.04 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0236 | EA | 100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 26,631.04 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0237 | EA | 200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 44,744.27 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| **26 24 19 00-0238** | | **480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* | | |
| | | Note: Auto-transformer. | | |
| 26 24 19 00-0239 | EA | 25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 6,775.65 | 105.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *63.31* | |
| 26 24 19 00-0240 | EA | 50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 11,967.95 | 115.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *69.34* | |
| 26 24 19 00-0241 | EA | 100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 19,944.04 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0242 | EA | 200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 26,631.04 | 150.73 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *90.44* | |
| 26 24 19 00-0243 | EA | 400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer | 44,744.27 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| **26 24 19 00-0244** | | **230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* | | |
| | | Note: Part winding. | | |
| 26 24 19 00-0245 | EA | 10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters | 4,814.18 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0246 | EA | 25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters | 6,374.55 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0247 | EA | 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters | 10,154.55 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0248 | EA | 75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters | 20,251.84 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| **26 24 19 00-0249** | | **480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* | | |
| | | Note: Part winding. | | |
| 26 24 19 00-0250 | EA | 15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters | 4,814.18 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0251 | EA | 40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters | 6,374.55 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0252 | EA | 75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters | 10,154.55 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0253 | EA | 150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters | 20,251.84 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |

## 26 24 19 00-0254 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0255 | EA | 7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 19,815.24 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0256 | EA | 15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 21,021.44 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0257 | EA | 30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 23,212.52 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0258 | EA | 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 35,151.66 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0259 | EA | 100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 47,942.76 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0260 | EA | 200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 65,063.54 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |

## 26 24 19 00-0261 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0262 | EA | 10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 19,815.24 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.38* | |
| 26 24 19 00-0263 | EA | 25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 21,021.44 | 160.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *96.46* | |
| 26 24 19 00-0264 | EA | 50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 23,212.52 | 185.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *111.53* | |
| 26 24 19 00-0265 | EA | 100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 35,151.66 | 206.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.59* | |
| 26 24 19 00-0266 | EA | 200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 47,942.76 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0267 | EA | 400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP | 65,063.54 | 321.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.94* | |

## 26 24 19 00-0268 Starter Accessories *(26 24 19)*

Note: Additional options or accessories for the Combination Starters

## 26 24 19 00-0269 Starter Modifications *(26 24 19 00-0268)*

| | | | |
|---|---|---|---|
| 26 24 19 00-0270 | EA | Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer | 164.21 |
| 26 24 19 00-0271 | EA | Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer | 346.44 |
| 26 24 19 00-0272 | EA | Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer | 495.23 |
| 26 24 19 00-0273 | EA | Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes | 124.36 |
| 26 24 19 00-0274 | EA | Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes | 175.44 |
| 26 24 19 00-0275 | EA | Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes | 295.36 |
| 26 24 19 00-0276 | EA | Overload Relay Heater Elements, 3 Per Starter | 73.29 |
| 26 24 19 00-0277 | EA | N.O. Overload Relay Alarm | 62.18 |
| 26 24 19 00-0278 | EA | Control Circuit Fuses, Primary/Secondary | 116.53 |
| 26 24 19 00-0279 | EA | Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton | 144.07 |
| 26 24 19 00-0280 | EA | Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton | 281.79 |
| 26 24 19 00-0281 | EA | Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select | 144.07 |
| 26 24 19 00-0282 | EA | Control Devices Type PB2 Mount On Device, Individual Light Full V | 165.26 |
| 26 24 19 00-0283 | EA | Control Devices Type PB2 Mount On Device, Individual Light Transformer | 199.16 |
| 26 24 19 00-0284 | EA | Control Devices Type PB2 Mount On Device, Individual Light Push To | 235.18 |
| 26 24 19 00-0285 | EA | Blank Devices Panel | 44.49 |
| 26 24 19 00-0286 | EA | Oversize Or Special Color Starter | 69.92 |
| 26 24 19 00-0287 | EA | Mini Voltmeter/Ammeter With Current Transformer | 612.79 |
| 26 24 19 00-0288 | EA | Mini Elapsed Time Meters, Non Resettable | 555.58 |
| 26 24 19 00-0289 | EA | Panel Elapsed Time Meter, Resettable | 826.30 |
| 26 24 19 00-0290 | EA | Terminal Blocks, Side Mounted, Press Connection, Plug-In Press | 69.92 |
| 26 24 19 00-0291 | EA | Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw | 99.58 |
| 26 24 19 00-0292 | EA | Terminal Blocks, Front Mounted, Press Connection, Standard | 69.92 |
| 26 24 19 00-0293 | EA | Terminal Blocks, Front Mounted, Press Connection, Plug-In | 99.58 |
| 26 24 19 00-0294 | EA | Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility | 99.58 |
| 26 24 19 00-0295 | EA | Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type | 144.07 |
| 26 24 19 00-0296 | EA | MOR - A Solid State Modular Overload Relay | 358.06 |
| 26 24 19 00-0297 | EA | Heater Module | 69.47 |
| 26 24 19 00-0298 | EA | LAM - Long Acceleration Module | 431.58 |
| 26 24 19 00-0299 | EA | JAM - Jam Protection Module | 494.74 |
| 26 24 19 00-0300 | EA | PUM - Phase Unbalance Module | 938.95 |
| 26 24 19 00-0301 | EA | ULM - Underload Module | 450.53 |
| 26 24 19 00-0302 | EA | Wiring To Common Control Circuit Transformer | 98.95 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0303 | EA | Handle Operator Separable Source Control Circuit | 185.26 | |
| 26 24 19 00-0304 | EA | Type SIS Control Wire | 77.90 | |
| 26 24 19 00-0305 | EA | Ring Or Spade Terminals Control | 98.95 | |
| 26 24 19 00-0306 | EA | Ring Terminals Power | 98.95 | |
| 26 24 19 00-0307 | EA | 14 Gauge Control Wire | 77.90 | |
| 26 24 19 00-0308 | EA | Wiremakers | 98.95 | |
| 26 24 19 00-0309 | EA | Wiring Diagram On Door | 58.95 | |
| 26 24 19 00-0310 | EA | Special Color Or Type Control Wire | 71.58 | |
| 26 24 19 00-0311 | EA | Current Transformer 12.5 VA | 562.11 | |
| 26 24 19 00-0312 | EA | Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4 | 1,795.80 | |
| 26 24 19 00-0313 | EA | Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6 | 2,021.06 | |

## 26 24 19 00-0314 Control Relays And Special Components *(26 24 19 00-0268)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0315 | EA | 600 Volt, 2 Pole, Control Relays | 476.76 | |
| 26 24 19 00-0316 | EA | 600 Volt, 4 Pole, Control Relays | 564.39 | |
| 26 24 19 00-0317 | EA | 600 Volt, 6 Pole, Control Relays | 662.06 | |
| 26 24 19 00-0318 | EA | 600 Volt, 8 Pole, Control Relays | 737.41 | |
| 26 24 19 00-0319 | EA | Pneumatic Timer, Control Relays | 630.79 | |
| 26 24 19 00-0320 | EA | Motor Driven Timer, Control Relays | 1,643.74 | |
| 26 24 19 00-0321 | EA | 7 Days Time Switch, Control Relays | 2,068.88 | |
| 26 24 19 00-0322 | EA | 24 Hour Time Switch, Control Relays | 580.14 | |
| 26 24 19 00-0323 | EA | Phase Voltage, Control Relays | 986.86 | |
| 26 24 19 00-0324 | EA | Two Circuit Alternator, Control Relays | 1,381.30 | |
| 26 24 19 00-0325 | EA | Manual 120 Volt, Control Relays | 135.06 | |
| 26 24 19 00-0326 | EA | Over-Current Relay, Control Relays | 4,016.86 | |
| 26 24 19 00-0327 | EA | UV-Relay, Control Relays | 3,402.12 | |
| 26 24 19 00-0328 | EA | Over-Current Relay, Control Relays | 3,402.12 | |
| 26 24 19 00-0329 | EA | Teleductor, Control Relays | 1,017.56 | |
| 26 24 19 00-0330 | EA | Current Transducer, Control Relays | 2,736.50 | |
| 26 24 19 00-0331 | EA | Watt Transducer, Control Relays | 5,473.01 | |
| 26 24 19 00-0332 | EA | Control Relays, Blank, Add For Each 1x | 185.71 | |
| 26 24 19 00-0333 | EA | Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway | 277.79 | |
| 26 24 19 00-0334 | EA | Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway | 313.09 | |
| 26 24 19 00-0335 | EA | Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway | 348.39 | |
| 26 24 19 00-0336 | EA | Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway | 313.09 | |
| 26 24 19 00-0337 | EA | Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway | 348.39 | |
| 26 24 19 00-0338 | EA | Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway | 366.81 | |

## 26 24 19 00-0339 Circuit Breaker Modifications/Accessories *(26 24 19 00-0268)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0340 | EA | Shunt Trip, Circuit Breaker | 340.78 | |
| 26 24 19 00-0341 | EA | Auxiliary Switch, Circuit Breaker | 117.71 | |
| 26 24 19 00-0342 | EA | Key Interlock, Circuit Breaker | 423.36 | |
| 26 24 19 00-0343 | EA | GFR Ground Fault, Circuit Breaker | 1,951.65 | |
| 26 24 19 00-0344 | EA | Seltronic Breaker, Circuit Breaker | 1,130.55 | |

## 26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers *(26 24 19 00-0268)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0346 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100 | 1,490.84 | 65.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.19* | |
| 26 24 19 00-0347 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150 | 2,584.53 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0348 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100 | 2,497.23 | 65.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.19* | |
| 26 24 19 00-0349 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150 | 3,588.81 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0350 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150 | 4,614.27 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0351 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250 | 2,839.79 | 130.63 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *78.39* | |
| 26 24 19 00-0352 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400 | 4,618.44 | 140.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *84.42* | |
| 26 24 19 00-0353 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600 | 6,092.74 | 180.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *108.48* | |
| 26 24 19 00-0354 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800 | 7,156.91 | 276.33 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *165.86* | |
| 26 24 19 00-0355 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200 | 10,131.65 | 417.01 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *250.41* | |
| 26 24 19 00-0356 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000 | 22,268.31 | 552.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *331.31* | |
| 26 24 19 00-0357 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500 | 33,295.47 | 693.34 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *415.61* | |
| 26 24 19 00-0358 | EA | Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000 | 55,604.79 | 803.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *482.74* | |
| 26 24 19 00-0359 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50 | 1,793.82 | 65.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.19* | |
| 26 24 19 00-0360 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150 | 2,879.04 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0361 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50 | 1,793.82 | 65.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.19* | |
| 26 24 19 00-0362 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50 | 2,879.04 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0363 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150 | 3,058.70 | 65.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.19* | |
| 26 24 19 00-0364 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150 | 4,186.29 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0365 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50 | 5,199.04 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0366 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100 | 2,732.84 | 100.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0367 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400 | 6,919.61 | 276.33 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *165.86* | |
| 26 24 19 00-0368 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225 | 6,919.61 | 276.33 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *165.86* | |
| 26 24 19 00-0369 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400 | 9,331.79 | 301.45 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *180.80* | |
| 26 24 19 00-0370 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600 | 11,656.89 | 351.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *210.93* | |
| 26 24 19 00-0371 | EA | Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800 | 13,411.43 | 417.01 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *250.41* | |

## 26 24 19 00-0372 Incoming Line And Feeder Fusible Switches *(26 24 19 00-0268)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0373 | EA | 30 To 60 Amperes, Incoming Line And Feeder Fusible Switches | 1,687.29 | 100.48 |
| 26 24 19 00-0374 | EA | Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual | 2,611.50 | 100.48 |
| 26 24 19 00-0375 | EA | 100 Amperes, Incoming Line And Feeder Fusible Switches | 2,577.57 | 125.60 |
| 26 24 19 00-0376 | EA | 200 Amperes, Incoming Line And Feeder Fusible Switches | 4,197.84 | 150.73 |
| 26 24 19 00-0377 | EA | 400 Amperes, Incoming Line And Feeder Fusible Switches | 8,286.90 | 190.92 |
| 26 24 19 00-0378 | EA | 600 Amperes, Incoming Line And Feeder Fusible Switches | 11,625.73 | 251.21 |
| 26 24 19 00-0379 | EA | 800 Amperes, Incoming Line And Feeder Fusible Switches | 28,307.29 | 336.62 |
| 26 24 19 00-0380 | EA | 1,200 Amperes, Incoming Line And Feeder Fusible Switches | 31,927.33 | 467.26 |

## 26 24 19 00-0381 Dry Type Distribution Transformers *(26 24 19 00-0268)*

| | | | |
|---|---|---|---|
| 26 24 19 00-0382 | EA | 500 VA, Phase 1, Dry Type Distribution Transformers | 1,444.97 |
| 26 24 19 00-0383 | EA | 750 VA, Phase 1, Dry Type Distribution Transformers | 1,491.58 |
| 26 24 19 00-0384 | EA | 1,000 VA, Phase 1, Dry Type Distribution Transformers | 1,540.31 |
| 26 24 19 00-0385 | EA | 1,500 VA, Phase 1, Dry Type Distribution Transformers | 1,767.02 |
| 26 24 19 00-0386 | EA | 2,000 VA, Phase 1, Dry Type Distribution Transformers | 1,915.33 |
| 26 24 19 00-0387 | EA | 3,000 VA, Phase 1, Dry Type Distribution Transformers | 2,258.96 |
| 26 24 19 00-0388 | EA | 5,000 VA, Phase 1, Dry Type Distribution Transformers | 2,606.03 |
| 26 24 19 00-0389 | EA | 7,500 VA, Phase 1, Dry Type Distribution Transformers | 2,936.55 |
| 26 24 19 00-0390 | EA | 9,000 VA, Phase 3, Dry Type Distribution Transformers | 6,826.53 |
| 26 24 19 00-0391 | EA | 10,000 VA, Phase 1, Dry Type Distribution Transformers | 3,623.02 |
| 26 24 19 00-0392 | EA | 15,000 VA, Phase 1, Dry Type Distribution Transformers | 5,019.26 |
| 26 24 19 00-0393 | EA | 15,000 VA, Phase 3, Dry Type Distribution Transformers | 7,822.33 |
| 26 24 19 00-0394 | EA | 20,000 VA, Phase 1, Dry Type Distribution Transformers | 7,243.91 |
| 26 24 19 00-0395 | EA | 30,000 VA, Phase 1, Dry Type Distribution Transformers | 10,038.51 |
| 26 24 19 00-0396 | EA | 30,000 VA, Phase 3, Dry Type Distribution Transformers | 10,800.04 |
| 26 24 19 00-0397 | EA | 45,000 VA, Phase 1, Dry Type Distribution Transformers | 14,960.05 |

## 26 24 19 00-0398 Metering Equipment *(26 24 19 00-0268)*

| | | | |
|---|---|---|---|
| 26 24 19 00-0399 | EA | Metering Equipment, Voltmeter, Panel Type | 682.23 |
| 26 24 19 00-0400 | EA | Metering Equipment, Voltmeter, Switchboard Type | 1,491.58 |
| 26 24 19 00-0401 | EA | Metering Equipment, Ammeter, Panel | 614.43 |
| 26 24 19 00-0402 | EA | Metering Equipment, Ammeter, Switchboard Type | 1,491.58 |
| 26 24 19 00-0403 | EA | Metering Equipment, Voltmeter/Ammeter, Switch | 828.42 |
| 26 24 19 00-0404 | EA | Metering Equipment, Control Switch, 4 Circuits | 879.27 |
| 26 24 19 00-0405 | EA | Add For Additional Circuits | 115.79 |
| 26 24 19 00-0406 | EA | Metering Equipment, Indicating Wattmeter | 3,076.39 |
| 26 24 19 00-0407 | EA | Metering Equipment, Indicating Power Factor | 3,222.58 |
| 26 24 19 00-0408 | EA | Metering Equipment, Integrating Watt-hour | 2,841.21 |
| 26 24 19 00-0409 | EA | Add For Demand Attachment | 757.90 |
| 26 24 19 00-0410 | EA | 800 Amperes, Metering Equipment, Current Transformer | 849.61 |
| 26 24 19 00-0411 | EA | 1,000 Amperes, Metering Equipment, Current Transformer | 1,466.16 |
| 26 24 19 00-0412 | EA | 2,000 Amperes, Metering Equipment, Current Transformer | 1,707.69 |
| 26 24 19 00-0413 | EA | Metering Equipment, Potential Transformer | 1,423.78 |
| 26 24 19 00-0414 | EA | Metering Equipment, Surge Arrester | 1,531.84 |
| 26 24 19 00-0415 | EA | Metering Equipment, Ground Detector System | 1,171.65 |

## 26 24 19 00-0416 Current Limiting Reactors *(26 24 19 00-0268)*

| | | | |
|---|---|---|---|
| 26 24 19 00-0417 | EA | 600 Amperes, Current Limiting Reactors | 26,151.40 |
| 26 24 19 00-0418 | EA | 800 Amperes, Current Limiting Reactors | 38,084.05 |
| 26 24 19 00-0419 | EA | 1,000 Amperes, Current Limiting Reactors | 50,044.24 |
| 26 24 19 00-0420 | EA | 1,200 Amperes, Current Limiting Reactors | 76,176.57 |

## 26 24 19 00-0421 Incoming Line Cable Space Requirements, Main Lugs Only *(26 24 19 00-0268)*

| | | | |
|---|---|---|---|
| 26 24 19 00-0422 | EA | Incoming Line Cable Space Requirement, 350 MCC, 2 Screw | 481.91 |
| 26 24 19 00-0423 | EA | Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp | 481.91 |
| 26 24 19 00-0424 | EA | Incoming Line Cable Space Requirement, 350 MCC, 4 Screw | 666.24 |
| 26 24 19 00-0425 | EA | Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp | 1,219.21 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0426 | EA | Incoming Line Cable Space Requirement, 600 MCC, 2 Screw | 666.24 | |
| 26 24 19 00-0427 | EA | Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp | 850.56 | |
| 26 24 19 00-0428 | EA | Incoming Line Cable Space Requirement, 600 MCC, 4 Screw | 850.56 | |
| 26 24 19 00-0429 | EA | Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp | 1,216.99 | |
| 26 24 19 00-0430 | EA | Incoming Line Cable Space Requirement, 750 MCC, 2 Screw | 850.56 | |
| 26 24 19 00-0431 | EA | Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp | 1,216.99 | |
| 26 24 19 00-0432 | EA | Incoming Line Cable Space Requirement, 750 MCC, 4 Screw | 1,034.88 | |
| 26 24 19 00-0433 | EA | Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp | 3,355.60 | |
| 26 24 19 00-0434 | EA | Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw | 1,034.88 | |
| 26 24 19 00-0435 | EA | Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp | 1,216.99 | |
| 26 24 19 00-0436 | EA | Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw | 3,355.60 | |
| 26 24 19 00-0437 | EA | Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp | 3,355.60 | |
| 26 24 19 00-0438 | EA | Bus Duct Transition Pull Box | 1,015.35 | |
| 26 24 19 00-0439 | EA | Throat And Transition To Substation | 1,960.12 | |
| 26 24 19 00-0440 | EA | Service Entrance Label | 424.49 | |
| 26 24 19 00-0441 | EA | Type W To 5 Star - 10" Transition | 887.30 | |
| 26 24 19 00-0442 | EA | 600 Amperes, Sub Feed Lugs On Main Bus | 503.16 | |
| **26 24 19 00-0443** | | **Standard Structures And Structure Options/Modifications** *(26 24 19 00-0268)* | | |
| 26 24 19 00-0444 | EA | Standard Structure Add For Each Additional 4" Of Structure Width | 280.30 | |
| 26 24 19 00-0445 | EA | Standard Structure Add For 8" Vertical Wireway In Lieu Of 4" | 280.30 | |
| 26 24 19 00-0446 | EA | Standard Structure Single Corner Section "L", 16" Depth | 867.13 | |
| 26 24 19 00-0447 | EA | Standard Structure Single Corner Section "L", 21" Depth | 978.04 | |
| 26 24 19 00-0448 | EA | Standard Structure Unused Space/Future Space | 83.69 | |
| 26 24 19 00-0449 | EA | Standard Structure NEMA 12 Dustproof | 225.86 | |
| 26 24 19 00-0450 | EA | Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure | 47.39 | |
| 26 24 19 00-0451 | EA | Standard Structure 150 Watt Space | 203.67 | |
| 26 24 19 00-0452 | EA | Standard Structure Thermostat For Space Heater Control | 612.63 | |
| 26 24 19 00-0453 | EA | Standard Structure Rear Hinged Structure Door, 72" High | 203.67 | |
| 26 24 19 00-0454 | EA | Standard Structure NEMA 2 Drip Shield On Top Of MCC | 395.79 | |
| 26 24 19 00-0455 | EA | Standard Structure NEMA 3R N-Walk In Front Mounted | 5,646.34 | |
| 26 24 19 00-0456 | EA | Standard Structure NEMA 3R N-Walk In Back-to-back | 6,526.34 | |
| 26 24 19 00-0457 | EA | Standard Structure NEMA 3R Walk-In Aisle Front Mounted | 6,532.65 | |
| **26 24 19 00-0458** | | **Installation Hours For Vertical Sections** *(26 24 19 00-0268)* | | |
| 26 24 19 00-0459 | EA | Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes | 602.88 | 301.45 |
| 26 24 19 00-0460 | EA | Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes | 904.32 | 452.19 |
| 26 24 19 00-0461 | EA | Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes | 1,004.84 | 502.43 |
| 26 24 19 00-0462 | EA | Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes | 1,205.92 | 602.91 |
| 26 24 19 00-0463 | EA | Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes | 100.48 | 50.24 |
| 26 24 19 00-0464 | EA | Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes | 602.88 | 301.45 |
| 26 24 19 00-0465 | EA | Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes | 904.32 | 452.19 |
| 26 24 19 00-0466 | EA | Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes | 1,004.84 | 502.43 |
| 26 24 19 00-0467 | EA | Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes | 1,205.92 | 602.91 |
| 26 24 19 00-0468 | EA | Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes | 100.48 | 50.24 |
| 26 24 19 00-0469 | EA | Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes | 703.41 | 351.69 |
| 26 24 19 00-0470 | EA | Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes | 904.32 | 452.19 |
| 26 24 19 00-0471 | EA | Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes | 1,205.92 | 602.91 |
| 26 24 19 00-0472 | EA | Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes | 1,406.61 | 703.29 |
| 26 24 19 00-0473 | EA | Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes | 150.72 | 75.36 |
| 26 24 19 00-0474 | EA | Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes | 803.88 | 401.93 |
| 26 24 19 00-0475 | EA | Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes | 1,105.42 | 552.67 |
| 26 24 19 00-0476 | EA | Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes | 1,406.61 | 703.29 |
| 26 24 19 00-0477 | EA | Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes | 1,607.48 | 803.78 |
| 26 24 19 00-0478 | EA | Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes | 200.97 | 100.48 |
| 26 24 19 00-0479 | EA | Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes | 803.88 | 401.93 |
| 26 24 19 00-0480 | EA | Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes | 1,205.92 | 602.91 |
| 26 24 19 00-0481 | EA | Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes | 1,507.11 | 753.54 |
| 26 24 19 00-0482 | EA | Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes | 1,708.35 | 854.22 |
| 26 24 19 00-0483 | EA | Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes | 200.97 | 100.48 |
| **26 24 19 00-0484** | | **Motor Control Centers** *(26 24 19)* | | |
| **26 24 19 00-0485** | | **2.4 KV Motor Control Centers** *(26 24 19 00-0484)* | | |
| 26 24 19 00-0486 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp | 16,702.16 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0487 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp | 16,702.16 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0488 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp | 16,702.16 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0489 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp | 16,752.44 | 226.09 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *135.66* | |
| 26 24 19 00-0490 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp | 17,789.64 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0491 | EA | 2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp | 17,839.86 | 276.33 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *165.80* | |
| 26 24 19 00-0492 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp | 17,890.09 | 301.45 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *180.86* | |
| 26 24 19 00-0493 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp | 17,990.62 | 351.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *211.02* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0494 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp | 18,091.09 | 401.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *241.16* | |
| 26 24 19 00-0495 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp | 30,493.97 | 452.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *271.30* | |
| 26 24 19 00-0496 | EA | 2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp | 32,727.97 | 502.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *301.45* | |
| 26 24 19 00-0497 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp | 24,793.45 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0498 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp | 25,828.54 | 216.04 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *129.63* | |
| 26 24 19 00-0499 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp | 29,344.11 | 236.14 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *141.68* | |
| 26 24 19 00-0500 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp | 32,664.23 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0501 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp | 35,536.11 | 291.41 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *174.85* | |
| 26 24 19 00-0502 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp | 38,936.02 | 311.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *186.90* | |
| 26 24 19 00-0503 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp | 42,333.93 | 331.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *198.95* | |
| 26 24 19 00-0504 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp | 46,364.15 | 361.74 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *217.05* | |
| 26 24 19 00-0505 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp | 53,955.58 | 401.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *241.16* | |
| 26 24 19 00-0506 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp | 58,458.28 | 427.06 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *256.25* | |
| 26 24 19 00-0507 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp | 89,295.25 | 502.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *301.45* | |
| 26 24 19 00-0508 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp | 95,138.29 | 552.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *331.63* | |
| 26 24 19 00-0509 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp | 100,223.57 | 602.91 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *361.78* | |
| 26 24 19 00-0510 | EA | 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp | 109,133.29 | 653.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *391.96* | |
| 26 24 19 00-0511 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp | 23,391.73 | 200.97 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *120.58* | |
| 26 24 19 00-0512 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp | 23,442.01 | 226.09 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *135.66* | |
| 26 24 19 00-0513 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp | 23,492.23 | 251.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *150.73* | |
| 26 24 19 00-0514 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp | 23,542.45 | 276.33 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *165.80* | |
| 26 24 19 00-0515 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp | 23,596.67 | 301.45 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *180.86* | |
| 26 24 19 00-0516 | EA | 2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP | 23,646.96 | 326.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *195.95* | |
| 26 24 19 00-0517 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp | 23,697.20 | 351.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *211.02* | |
| 26 24 19 00-0518 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp | 23,898.11 | 452.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *271.30* | |
| 26 24 19 00-0519 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp | 40,753.47 | 502.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *301.45* | |
| 26 24 19 00-0520 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp | 40,854.05 | 552.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *331.63* | |
| 26 24 19 00-0521 | EA | 2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp | 43,076.07 | 602.91 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *361.78* | |
| 26 24 19 00-0522 | EA | Add For Reversing Starters, 100 To 700 HP | 9,193.51 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0523 | EA | Add For Reversing Starters, 1,000 To 1,500 Hp | 9,472.66 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0524 | EA | Add For Reversing Starters, 1,750 To 2,500 HP | 14,507.29 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |

## 26 24 19 00-0525 4.8 KV Motor Control Centers *(26 24 19 00-0484)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0526 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP | 18,169.24 | 301.45 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *180.86* | |
| 26 24 19 00-0527 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP | 18,219.53 | 326.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *195.95* | |
| 26 24 19 00-0528 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP | 18,269.77 | 351.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *211.02* | |
| 26 24 19 00-0529 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP | 18,320.04 | 376.81 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *226.10* | |
| 26 24 19 00-0530 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP | 19,347.26 | 401.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *241.16* | |
| 26 24 19 00-0531 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP | 19,397.55 | 427.06 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *256.25* | |
| 26 24 19 00-0532 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP | 19,447.70 | 452.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *271.30* | |
| 26 24 19 00-0533 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP | 19,498.03 | 477.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *286.40* | |
| 26 24 19 00-0534 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP | 19,548.22 | 502.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *301.45* | |
| 26 24 19 00-0535 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP | 33,139.33 | 653.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *391.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0536 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP | 33,239.41 | 703.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *421.98* | |
| 26 24 19 00-0537 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP | 35,463.43 | 753.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *452.13* | |
| 26 24 19 00-0538 | EA | 4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP | 35,563.80 | 803.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *482.24* | |
| 26 24 19 00-0539 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP | 25,277.54 | 301.45 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *180.86* | |
| 26 24 19 00-0540 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP | 25,606.97 | 326.57 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *195.95* | |
| 26 24 19 00-0541 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP | 29,864.37 | 351.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *211.02* | |
| 26 24 19 00-0542 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP | 33,194.62 | 376.81 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *226.10* | |
| 26 24 19 00-0543 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP | 36,036.30 | 401.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *241.16* | |
| 26 24 19 00-0544 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP | 39,446.33 | 427.06 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *256.25* | |
| 26 24 19 00-0545 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP | 42,646.86 | 452.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *271.30* | |
| 26 24 19 00-0546 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP | 46,874.44 | 477.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *286.40* | |
| 26 24 19 00-0547 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP | 54,302.10 | 502.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *301.45* | |
| 26 24 19 00-0548 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP | 59,349.11 | 527.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *316.53* | |
| 26 24 19 00-0549 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP | 64,446.36 | 577.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *346.69* | |
| 26 24 19 00-0550 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP | 68,661.95 | 602.91 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *361.78* | |
| 26 24 19 00-0551 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP | 72,638.10 | 628.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *376.82* | |
| 26 24 19 00-0552 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP | 78,201.73 | 653.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *391.96* | |
| 26 24 19 00-0553 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP | 123,983.81 | 803.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *482.24* | |
| 26 24 19 00-0554 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP | 137,882.55 | 854.22 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *512.51* | |
| 26 24 19 00-0555 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP | 165,748.06 | 904.36 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *542.59* | |
| 26 24 19 00-0556 | EA | 4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP | 175,328.80 | 904.36 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *542.59* | |
| 26 24 19 00-0557 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP | 24,955.36 | 351.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *211.02* | |
| 26 24 19 00-0558 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 700 HP | 25,005.63 | 376.81 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *226.10* | |
| 26 24 19 00-0559 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP | 25,055.83 | 401.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *241.16* | |
| 26 24 19 00-0560 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP | 25,106.12 | 427.06 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *256.25* | |
| 26 24 19 00-0561 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP | 27,257.85 | 452.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *271.30* | |
| 26 24 19 00-0562 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP | 27,308.18 | 477.31 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *286.40* | |
| 26 24 19 00-0563 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP | 27,358.37 | 502.43 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *301.45* | |
| 26 24 19 00-0564 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP | 27,408.64 | 527.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *316.53* | |
| 26 24 19 00-0565 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP | 27,458.95 | 552.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *331.63* | |
| 26 24 19 00-0566 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP | 27,760.14 | 703.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *421.98* | |
| 26 24 19 00-0567 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP | 44,894.63 | 753.54 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *452.13* | |
| 26 24 19 00-0568 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP | 47,108.54 | 803.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *482.24* | |
| 26 24 19 00-0569 | EA | 4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP | 47,108.54 | 803.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *482.24* | |
| 26 24 19 00-0570 | EA | Add For Reversing Starters, 100 To 1,250 HP | 10,216.69 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0571 | EA | Add For Reversing Starters, 1,500 To 2,500 HP | 10,527.60 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |
| 26 24 19 00-0572 | EA | Add For Reversing Starters, 3,000 To 4,500 HP | 16,135.08 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.29* | |

## 26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0484)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0574 | EA | 2.4/4.8 KV Load Break Disconnect Switch 600 Amperes | 13,282.46 | 200.97 |
| 26 24 19 00-0575 | EA | 2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes | 15,950.70 | 301.45 |
| 26 24 19 00-0576 | EA | 2.4/4.8 KV NEMA 3 Weather Resistant | 5,243.26 | |
| 26 24 19 00-0577 | EA | 2.4/4.8 KV Space Heaters | 232.19 | 15.07 |
| 26 24 19 00-0578 | EA | 2.4/4.8 KV Potential Transformer Fused | 1,519.01 | |
| 26 24 19 00-0579 | EA | 2.4/4.8 KV Current Transformer 600 Volt, 5 KVA | 815.03 | |
| 26 24 19 00-0580 | EA | 2.4/4.8 KV Control Transformer 4 KVA Max | 2,427.31 | |
| 26 24 19 00-0581 | EA | 2.4/4.8 KV Pushbuttons Each | 155.45 | |
| 26 24 19 00-0582 | EA | 2.4/4.8 KV Selector Switch Each | 515.22 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0583 | EA | 2.4/4.8 KV Indicating Light | 155.45 | |
| 26 24 19 00-0584 | EA | 2.4/4.8 KV Push To Test Light | 470.81 | |
| 26 24 19 00-0585 | EA | 2.4/4.8 KV AC Voltmeter, Switchboard Type | 1,252.52 | |
| 26 24 19 00-0586 | EA | 2.4/4.8 KV AC Ammeter, Switchboard Type | 1,252.52 | |
| 26 24 19 00-0587 | EA | 2.4/4.8 KV Power Factor Meter | 3,746.46 | |
| 26 24 19 00-0588 | EA | 2.4/4.8 KV Watt Hr Meter, 2 Element Drawout | 2,582.77 | |
| 26 24 19 00-0589 | EA | 2.4/4.8 KV Operation Counter | 500.95 | 15.07 |
| 26 24 19 00-0590 | EA | 2.4/4.8 KV Phase Failure Protection | 3,613.76 | 50.24 |
| 26 24 19 00-0591 | EA | 2.4/4.8 KV Ground Protection | 6,916.90 | 25.12 |
| 26 24 19 00-0592 | EA | 2.4/4.8 KV Synchronous Motor DC Protection | 2,769.94 | 25.12 |
| 26 24 19 00-0593 | EA | 2.4/4.8 KV Lightning Arresters | 4,647.00 | 15.07 |
| 26 24 19 00-0594 | EA | 2.4/4.8 KV Portable Lifting Mechanism | 6,729.80 | |
| 26 24 19 00-0595 | EA | 2.4/4.8 KV Auxiliary Timing Relay | 573.87 | 50.24 |
| 26 24 19 00-0596 | EA | 2.4/4.8 KV Auxiliary Control Relay | 413.53 | 50.24 |

### 26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0484)*

Note: 3 Pole. Includes structure.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0598 | EA | Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included | 1,211.37 | 301.38 |
| 26 24 19 00-0599 | EA | Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included | 2,099.47 | 533.47 |
| 26 24 19 00-0600 | EA | Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included | 2,495.93 | 683.05 |
| 26 24 19 00-0601 | EA | Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included | 4,015.89 | 1,099.93 |
| 26 24 19 00-0602 | EA | Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included | 4,737.83 | 1,209.92 |
| 26 24 19 00-0603 | EA | Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included | 6,176.38 | 1,341.91 |
| 26 24 19 00-0604 | EA | Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included | 7,184.92 | 1,572.90 |
| 26 24 19 00-0605 | EA | Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included | 12,683.90 | 1,832.48 |

### 26 24 19 00-0606 Main Lugs Only *(26 24 19 00-0484)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0607 | EA | 600 Amperes Incoming Section, Main Lugs | 927.75 | 384.98 |
| 26 24 19 00-0608 | EA | 800 Amperes Incoming Section, Main Lugs | 1,005.62 | 384.98 |
| 26 24 19 00-0609 | EA | 1,200 Amperes Incoming Section, Main Lugs | 1,400.52 | 604.96 |
| 26 24 19 00-0610 | EA | 2,000 Amperes Incoming Section, Main Lugs | 3,547.13 | 1,099.93 |
| 26 24 19 00-0611 | EA | 3,000 Amperes Incoming Section, Main Lugs | 5,410.68 | 1,594.89 |
| 26 24 19 00-0612 | EA | 4,000 Amperes Incoming Section, Main Lugs | 7,754.44 | 2,199.86 |

### 26 24 19 00-0613 Incoming Main Circuit Breaker Structure *(26 24 19 00-0484)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0614 | EA | 225 Amperes, Main Circuit Breaker Section | 6,764.05 | 532.26 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| 26 24 19 00-0615 | EA | 400 Amperes, Main Circuit Breaker Section | 14,474.24 | 683.72 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| 26 24 19 00-0616 | EA | 600 Amperes, Main Circuit Breaker Section | 14,936.51 | 1,064.95 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| 26 24 19 00-0617 | EA | 800 Amperes, Main Circuit Breaker Section | 21,338.84 | 1,064.95 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| 26 24 19 00-0618 | EA | 1,200 Amperes, Main Circuit Breaker Section | 30,972.79 | 1,204.98 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |

### 26 24 19 00-0619 Incoming Fusible Main Disconnect Section *(26 24 19 00-0484)*

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0620 | EA | 200 Amperes, Fusible Main Disconnect Section | 5,854.96 | 532.92 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| 26 24 19 00-0621 | EA | 400 Amperes, Fusible Main Disconnect Section | 8,097.52 | 684.05 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| 26 24 19 00-0622 | EA | 600 Amperes, Fusible Main Disconnect Section | 15,889.63 | 1,065.83 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| 26 24 19 00-0623 | EA | 800 Amperes, Fusible Main Disconnect Section | 18,515.99 | 1,065.83 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| 26 24 19 00-0624 | EA | 1,200 Amperes, Fusible Main Disconnect Section | 26,154.01 | 1,206.07 |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For NEMA 1 With Gaskets, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| **26 24 19 00-0625** | | **Circuit Breaker Combination Starters** *(26 24 19 00-0484)* | | |
| **26 24 19 00-0626** | | **Class I, Type A** *(26 24 19 00-0625)* | | |
| 26 24 19 00-0627 | EA | Size 1, Class I, Type A Circuit Breaker Combination Starter | 1,019.56 | 223.28 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *127.31* | |
| 26 24 19 00-0628 | EA | Size 2, Class I, Type A Circuit Breaker Combination Starter | 1,188.55 | 223.28 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *141.02* | |
| 26 24 19 00-0629 | EA | Size 3, Class I, Type A Circuit Breaker Combination Starter | 1,730.77 | 316.78 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *189.64* | |
| 26 24 19 00-0630 | EA | Size 4, Class I, Type A Circuit Breaker Combination Starter | 2,839.38 | 416.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *249.98* | |
| 26 24 19 00-0631 | EA | Size 5, Class I, Type A Circuit Breaker Combination Starter | 5,135.09 | 521.37 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *312.48* | |
| **26 24 19 00-0632** | | **Class I, Type B** *(26 24 19 00-0625)* | | |
| 26 24 19 00-0633 | EA | Size 1, Class I, Type B Circuit Breaker Combination Starter | 968.69 | 194.68 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *109.99* | |
| 26 24 19 00-0634 | EA | Size 2, Class I, Type B Circuit Breaker Combination Starter | 1,131.39 | 194.68 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.87* | |
| 26 24 19 00-0635 | EA | Size 3, Class I, Type B Circuit Breaker Combination Starter | 1,662.69 | 281.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *169.22* | |
| 26 24 19 00-0636 | EA | Size 4, Class I, Type B Circuit Breaker Combination Starter | 2,769.94 | 381.68 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *229.15* | |
| 26 24 19 00-0637 | EA | Size 5, Class I, Type B Circuit Breaker Combination Starter | 5,079.09 | 487.27 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *295.68* | |
| **26 24 19 00-0638** | | **Class I, Type C** *(26 24 19 00-0625)* | | |
| 26 24 19 00-0639 | EA | Size 1, Class I, Type C Circuit Breaker Combination Starter | 1,026.36 | 180.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *99.63* | |
| 26 24 19 00-0640 | EA | Size 2, Class I, Type C Circuit Breaker Combination Starter | 1,198.64 | 180.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *117.02* | |
| 26 24 19 00-0641 | EA | Size 3, Class I, Type C Circuit Breaker Combination Starter | 1,785.03 | 269.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *161.75* | |
| 26 24 19 00-0642 | EA | Size 4, Class I, Type C Circuit Breaker Combination Starter | 2,898.52 | 372.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *223.56* | |
| 26 24 19 00-0643 | EA | Size 5, Class I, Type C Circuit Breaker Combination Starter | 5,199.90 | 478.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *286.44* | |
| **26 24 19 00-0644** | | **Class II, Type B** *(26 24 19 00-0625)* | | |
| 26 24 19 00-0645 | EA | Size 1, Class II, Type B Circuit Breaker Combination Starter | 1,014.29 | 267.28 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *151.09* | |
| 26 24 19 00-0646 | EA | Size 2, Class II, Type B Circuit Breaker Combination Starter | 1,412.68 | 267.28 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *168.70* | |
| 26 24 19 00-0647 | EA | Size 3, Class II, Type B Circuit Breaker Combination Starter | 2,009.13 | 356.38 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *213.17* | |
| 26 24 19 00-0648 | EA | Size 4, Class II, Type B Circuit Breaker Combination Starter | 3,300.63 | 456.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *274.98* | |
| 26 24 19 00-0649 | EA | Size 5, Class II, Type B Circuit Breaker Combination Starter | 5,997.92 | 557.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *335.34* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 24 19 00-0650** | | **Class II, Type C** *(26 24 19 00-0625)* | | |
| 26 24 19 00-0651 | EA | Size 1, Class II, Type C Circuit Breaker Combination Starter | 1,277.84 | 252.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *144.73* | |
| 26 24 19 00-0652 | EA | Size 2, Class II, Type C Circuit Breaker Combination Starter | 1,469.40 | 252.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *158.03* | |
| 26 24 19 00-0653 | EA | Size 3, Class II, Type C Circuit Breaker Combination Starter | 2,137.17 | 345.38 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *206.75* | |
| 26 24 19 00-0654 | EA | Size 4, Class II, Type C Circuit Breaker Combination Starter | 3,421.15 | 445.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *266.97* | |
| 26 24 19 00-0655 | EA | Size 5, Class II, Type C Circuit Breaker Combination Starter | 6,133.87 | 549.96 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *331.31* | |
| **26 24 19 00-0656** | | **Fused Disconnect Combination Starter** *(26 24 19 00-0484)* | | |
| **26 24 19 00-0657** | | **Class I, Type A** *(26 24 19 00-0656)* | | |
| 26 24 19 00-0658 | EA | Size 1, Class I, Type A Fused Disconnect Combination Starter | 928.74 | 205.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.87* | |
| 26 24 19 00-0659 | EA | Size 2, Class I, Type A Fused Disconnect Combination Starter | 1,403.89 | 281.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *168.70* | |
| 26 24 19 00-0660 | EA | Size 3, Class I, Type A Fused Disconnect Combination Starter | 2,240.61 | 366.27 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *219.99* | |
| 26 24 19 00-0661 | EA | Size 4, Class I, Type A Fused Disconnect Combination Starter | 3,063.54 | 513.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *308.97* | |
| 26 24 19 00-0662 | EA | Size 5, Class I, Type A Fused Disconnect Combination Starter | 5,395.63 | 654.45 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *392.83* | |
| **26 24 19 00-0663** | | **Class I, Type B** *(26 24 19 00-0656)* | | |
| 26 24 19 00-0664 | EA | Size 1, Class I, Type B Fused Disconnect Combination Starter | 948.91 | 183.69 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *109.99* | |
| 26 24 19 00-0665 | EA | Size 2, Class I, Type B Fused Disconnect Combination Starter | 1,277.41 | 251.88 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *151.09* | |
| 26 24 19 00-0666 | EA | Size 3, Class I, Type B Fused Disconnect Combination Starter | 1,894.16 | 336.58 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *202.19* | |
| 26 24 19 00-0667 | EA | Size 4, Class I, Type B Fused Disconnect Combination Starter | 3,177.40 | 486.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *292.54* | |
| 26 24 19 00-0668 | EA | Size 5, Class I, Type B Fused Disconnect Combination Starter | 5,494.42 | 618.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *371.60* | |
| **26 24 19 00-0669** | | **Class I, Type C** *(26 24 19 00-0656)* | | |
| 26 24 19 00-0670 | EA | Size 1, Class I, Type C Fused Disconnect Combination Starter | 1,006.87 | 171.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *102.99* | |
| 26 24 19 00-0671 | EA | Size 2, Class I, Type C Fused Disconnect Combination Starter | 1,352.94 | 233.19 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *141.02* | |
| 26 24 19 00-0672 | EA | Size 3, Class I, Type C Fused Disconnect Combination Starter | 2,063.38 | 324.48 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *196.41* | |
| 26 24 19 00-0673 | EA | Size 4, Class I, Type C Fused Disconnect Combination Starter | 3,345.58 | 478.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *286.44* | |
| 26 24 19 00-0674 | EA | Size 5, Class I, Type C Fused Disconnect Combination Starter | 5,194.79 | 611.56 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *366.65* | |
| **26 24 19 00-0675** | | **Class II, Type B** *(26 24 19 00-0656)* | | |
| 26 24 19 00-0676 | EA | Size 1, Class II, Type B Fused Disconnect Combination Starter | 1,193.89 | 257.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *154.48* | |
| 26 24 19 00-0677 | EA | Size 2, Class II, Type B Fused Disconnect Combination Starter | 1,543.73 | 321.18 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *192.29* | |
| 26 24 19 00-0678 | EA | Size 3, Class II, Type B Fused Disconnect Combination Starter | 2,244.36 | 413.58 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *247.73* | |
| 26 24 19 00-0679 | EA | Size 4, Class II, Type B Fused Disconnect Combination Starter | 3,667.30 | 557.67 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *335.34* | |
| 26 24 19 00-0680 | EA | Size 5, Class II, Type B Fused Disconnect Combination Starter | 6,319.14 | 696.26 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *416.64* | |
| **26 24 19 00-0681** | | **Class II, Type C** *(26 24 19 00-0656)* | | |
| 26 24 19 00-0682 | EA | Size 1, Class II, Type C Fused Disconnect Combination Starter | 1,242.68 | 241.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *144.73* | |
| 26 24 19 00-0683 | EA | Size 2, Class II, Type C Fused Disconnect Combination Starter | 1,618.89 | 303.58 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *182.11* | |
| 26 24 19 00-0684 | EA | Size 3, Class II, Type C Fused Disconnect Combination Starter | 2,387.33 | 394.87 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *237.05* | |
| 26 24 19 00-0685 | EA | Size 4, Class II, Type C Fused Disconnect Combination Starter | 3,819.26 | 544.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *327.36* | |
| 26 24 19 00-0686 | EA | Size 5, Class II, Type C Fused Disconnect Combination Starter | 6,466.79 | 674.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *404.39* | |
| **26 24 19 00-0687** | | **Space Complete With Bus And Hardware** *(26 24 19 00-0484)* | | |
| **26 24 19 00-0688** | | **Circuit Breaker Type** *(26 24 19 00-0687)* | | |
| 26 24 19 00-0689 | EA | Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware | 285.27 | 74.79 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0690 | EA | Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware | 285.27 | 74.79 |
| 26 24 19 00-0691 | EA | Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware | 424.26 | 108.90 |
| 26 24 19 00-0692 | EA | Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware | 501.12 | 142.99 |
| 26 24 19 00-0693 | EA | Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware | 845.30 | 217.79 |
| **26 24 19 00-0694** | | **Fused Disconnect Type** *(26 24 19 00-0687)* | | |
| 26 24 19 00-0695 | EA | Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware | 285.27 | 74.79 |
| 26 24 19 00-0696 | EA | Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware | 376.45 | 108.90 |
| 26 24 19 00-0697 | EA | Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware | 524.52 | 142.99 |
| 26 24 19 00-0698 | EA | Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware | 910.58 | 217.79 |
| 26 24 19 00-0699 | EA | Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware | 1,267.03 | 316.78 |
| **26 24 19 00-0700** | | **Blank Space For Future Expansion** *(26 24 19 00-0687)*<br>Note: Factory modified no labor costs. | | |
| 26 24 19 00-0701 | EA | Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs | 136.23 | |
| 26 24 19 00-0702 | EA | Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs | 136.23 | |
| 26 24 19 00-0703 | EA | Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs | 206.54 | |
| 26 24 19 00-0704 | EA | Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs | 206.54 | |
| 26 24 19 00-0705 | EA | Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs | 410.89 | |
| **26 24 19 00-0706** | | **Structure Combination Of Starters To 72" High** *(26 24 19 00-0687)* | | |
| 26 24 19 00-0707 | EA | Structure Combination Of Starters To 72" High | 3,372.42 | 578.89 |
| **26 24 19 00-0708** | | **Motor Control Center Basic Distribution Section** *(26 24 19 00-0484)* | | |
| 26 24 19 00-0709 | EA | 20" Wide Basic Section With Vertical Wireway | 5,555.73 | 1,507.56 |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For 1,600 Amperes, Tin Plated Copper Bus, Add* | *402.00* | |
| | | *For 2,000 Amperes, Tin Plated Copper Bus, Add* | *506.00* | |
| | | *For NEMA 1 With Gasket, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 600 Amperes, Tin Plated Copper Vertical, Add* | *210.00* | |
| 26 24 19 00-0710 | EA | 25"-35" Wide Basic Section (No Vertical Wireway) | 5,555.73 | 1,507.56 |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For 1,600 Amperes, Tin Plated Copper Bus, Add* | *402.00* | |
| | | *For 2,000 Amperes, Tin Plated Copper Bus, Add* | *506.00* | |
| | | *For NEMA 1 With Gasket, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 600 Amperes, Tin Plated Copper Vertical, Add* | *210.00* | |
| 26 24 19 00-0711 | EA | 25" Wide Basic Section With 9" Wide Vertical Wireway | 6,154.38 | 1,507.56 |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For 1,600 Amperes, Tin Plated Copper Bus, Add* | *402.00* | |
| | | *For 2,000 Amperes, Tin Plated Copper Bus, Add* | *506.00* | |
| | | *For NEMA 1 With Gasket, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 600 Amperes, Tin Plated Copper Vertical, Add* | *210.00* | |
| 26 24 19 00-0712 | EA | Corner Section | 6,154.38 | 1,507.56 |
| | | *For 20" Cabinet Depth, Add* | *108.00* | |
| | | *For 800 Amperes, Tin Plated Copper Bus, Add* | *182.00* | |
| | | *For 1,200 Amperes, Tin Plated Copper Bus, Add* | *334.00* | |
| | | *For 1,600 Amperes, Tin Plated Copper Bus, Add* | *402.00* | |
| | | *For 2,000 Amperes, Tin Plated Copper Bus, Add* | *506.00* | |
| | | *For NEMA 1 With Gasket, Add* | *97.00* | |
| | | *For NEMA 12, Add* | *245.00* | |
| | | *For 600 Amperes, Tin Plated Copper Vertical, Add* | *210.00* | |
| **26 24 19 00-0713** | | **Motor Control Center Starters With HMCP Circuit Breaker** *(26 24 19 00-0484)*<br>Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V. | | |
| **26 24 19 00-0714** | | **FVNR Starters With HMCP Circuit Breaker** *(26 24 19 00-0713)* | | |
| 26 24 19 00-0715 | EA | Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker | 1,465.10 | 211.74 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *127.03* | |
| 26 24 19 00-0716 | EA | Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker | 1,630.84 | 234.83 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *140.90* | |
| 26 24 19 00-0717 | EA | Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker | 2,839.36 | 315.68 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *189.43* | |
| 26 24 19 00-0718 | EA | Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker | 4,123.83 | 416.21 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *249.76* | |
| 26 24 19 00-0719 | EA | Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker | 9,457.13 | 520.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *312.12* | |
| 26 24 19 00-0720 | EA | Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker | 22,210.49 | 520.16 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *312.12* | |
| 26 24 19 00-0721 | EA | Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker | 1,483.19 | 183.14 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *109.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0722 | EA | Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker | 1,672.82 | 206.23 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *123.74* | |
| 26 24 19 00-0723 | EA | Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker | 2,908.41 | 281.59 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *168.94* | |
| 26 24 19 00-0724 | EA | Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker | 4,131.02 | 381.68 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *229.03* | |
| 26 24 19 00-0725 | EA | Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker | 9,478.61 | 492.77 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *295.68* | |
| 26 24 19 00-0726 | EA | Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker | 22,369.20 | 492.77 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *295.68* | |

### 26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0728 | EA | Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 2,356.30 | 264.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *158.95* | |
| 26 24 19 00-0729 | EA | Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 2,894.97 | 293.13 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *175.90* | |
| 26 24 19 00-0730 | EA | Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 4,782.66 | 393.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *236.38* | |
| 26 24 19 00-0731 | EA | Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 8,248.30 | 520.82 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *312.48* | |
| 26 24 19 00-0732 | EA | Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 14,933.86 | 651.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *390.97* | |
| 26 24 19 00-0733 | EA | Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 2,398.45 | 228.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *137.26* | |
| 26 24 19 00-0734 | EA | Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 2,961.90 | 257.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *154.78* | |
| 26 24 19 00-0735 | EA | Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 4,875.29 | 352.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *211.52* | |
| 26 24 19 00-0736 | EA | Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 8,275.94 | 477.37 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *286.44* | |
| 26 24 19 00-0737 | EA | Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker | 14,978.17 | 616.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *369.93* | |

### 26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0739 | EA | Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 2,585.18 | 264.98 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *158.95* | |
| 26 24 19 00-0740 | EA | Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 3,689.95 | 293.13 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *175.90* | |
| 26 24 19 00-0741 | EA | Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 6,984.49 | 393.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *236.38* | |
| 26 24 19 00-0742 | EA | Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 9,513.25 | 520.82 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *312.48* | |
| 26 24 19 00-0743 | EA | Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 19,122.39 | 651.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *390.97* | |
| 26 24 19 00-0744 | EA | Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 2,627.33 | 228.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *137.26* | |
| 26 24 19 00-0745 | EA | Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 3,756.88 | 257.93 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *154.78* | |
| 26 24 19 00-0746 | EA | Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 7,077.13 | 352.53 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *211.52* | |
| 26 24 19 00-0747 | EA | Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 9,540.89 | 477.37 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *286.44* | |
| 26 24 19 00-0748 | EA | Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker | 19,166.70 | 616.51 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *369.93* | |

### 26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0484)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure.
Line voltages of 208 V, 240 V, 480 V, and 600 V.

### 26 24 19 00-0750 FVNR Starters With Fusible Disconnect *(26 24 19 00-0749)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0751 | EA | Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect | 1,177.35 | 206.45 |
| 26 24 19 00-0752 | EA | Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect | 1,533.17 | 280.59 |
| 26 24 19 00-0753 | EA | Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect | 2,570.01 | 365.62 |
| 26 24 19 00-0754 | EA | Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect | 4,347.15 | 514.98 |
| 26 24 19 00-0755 | EA | Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect | 8,784.70 | 654.67 |
| 26 24 19 00-0756 | EA | Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect | 22,401.60 | 654.67 |
| 26 24 19 00-0757 | EA | Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect | 1,204.87 | 183.03 |
| 26 24 19 00-0758 | EA | Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect | 1,573.86 | 251.33 |
| 26 24 19 00-0759 | EA | Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect | 2,649.98 | 337.02 |
| 26 24 19 00-0760 | EA | Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect | 4,368.66 | 487.60 |
| 26 24 19 00-0761 | EA | Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect | 8,790.21 | 619.37 |
| 26 24 19 00-0762 | EA | Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect | 22,544.44 | 619.37 |

### 26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0749)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0764 | EA | Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 2,041.23 | 258.48 |
| 26 24 19 00-0765 | EA | Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 2,845.34 | 350.76 |
| 26 24 19 00-0766 | EA | Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 4,416.98 | 456.80 |
| 26 24 19 00-0767 | EA | Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 9,300.30 | 645.55 |
| 26 24 19 00-0768 | EA | Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 15,170.51 | 755.43 |
| 26 24 19 00-0769 | EA | Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 2,095.31 | 228.79 |
| 26 24 19 00-0770 | EA | Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 2,908.99 | 313.91 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 24 19 00-0771 | EA | Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 4,522.38 | 421.72 |
| 26 24 19 00-0772 | EA | Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 9,340.48 | 608.37 |
| 26 24 19 00-0773 | EA | Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect | 15,198.84 | 712.43 |

### 26 24 19 00-0774 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0749)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0775 | EA | Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 2,386.08 | 258.48 |
| 26 24 19 00-0776 | EA | Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 3,652.53 | 350.76 |
| 26 24 19 00-0777 | EA | Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 6,641.70 | 456.80 |
| 26 24 19 00-0778 | EA | Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 9,764.17 | 645.55 |
| 26 24 19 00-0779 | EA | Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 18,507.60 | 755.43 |
| 26 24 19 00-0780 | EA | Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 2,441.18 | 228.79 |
| 26 24 19 00-0781 | EA | Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 3,716.18 | 313.91 |
| 26 24 19 00-0782 | EA | Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 6,747.11 | 421.72 |
| 26 24 19 00-0783 | EA | Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 9,804.35 | 608.37 |
| 26 24 19 00-0784 | EA | Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect | 18,535.93 | 712.43 |

### 26 24 19 00-0785 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit *(26 24 19 00-0484)*

Note: Per section. Labor is included in basic distribution section.

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0786 | EA | 600 Amperes, Horizontal Tin Plated Copper Bus Kit | 259.48 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.27* | |
| 26 24 19 00-0787 | EA | 800 Amperes, Horizontal Tin Plated Copper Bus Kit | 318.48 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.27* | |
| 26 24 19 00-0788 | EA | 1,200 Amperes, Horizontal Tin Plated Copper Bus Kit | 382.99 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.92* | |
| 26 24 19 00-0789 | EA | 1,600 Amperes, Horizontal Tin Plated Copper Bus Kit | 498.96 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.92* | |
| 26 24 19 00-0790 | EA | 2,000 Amperes, Horizontal Tin Plated Copper Bus Kit | 838.12 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.57* | |
| 26 24 19 00-0791 | EA | 1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit | 148.17 | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.61* | |

### 26 24 19 00-0792 Disconnect Switch For Motor Control Centers *(26 24 19 00-0484)*

### 26 24 19 00-0793 3 Pole Circuit Breaker Disconnect For Motor Control Center *(26 24 19 00-0792)*

Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0794 | EA | 150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect | 806.02 | 158.94 |
| 26 24 19 00-0795 | EA | 150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect | 1,381.35 | 175.99 |
| 26 24 19 00-0796 | EA | 225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect | 1,691.59 | 237.04 |
| 26 24 19 00-0797 | EA | 400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect | 2,783.76 | 312.38 |
| 26 24 19 00-0798 | EA | 600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect | 4,766.89 | 390.47 |
| 26 24 19 00-0799 | EA | 800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect | 5,422.13 | 390.47 |
| 26 24 19 00-0800 | EA | 1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect | 11,080.33 | 488.92 |

### 26 24 19 00-0801 Fusible Disconnect Switch For Motor Control Center *(26 24 19 00-0792)*

Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0802 | EA | 30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips | 812.61 | 154.54 |
| 26 24 19 00-0803 | EA | 60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips | 955.36 | 210.63 |
| 26 24 19 00-0804 | EA | 100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips | 1,311.06 | 269.49 |
| 26 24 19 00-0805 | EA | 200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips | 2,455.24 | 386.07 |
| 26 24 19 00-0806 | EA | 400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips | 4,380.20 | 491.01 |
| 26 24 19 00-0807 | EA | 600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips | 10,117.49 | 491.01 |
| 26 24 19 00-0808 | EA | 800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips | 12,506.86 | 613.77 |
| 26 24 19 00-0809 | EA | 1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips | 18,512.70 | 613.77 |

### 26 24 19 00-0810 Control Circuit Transformer *(26 24 19 00-0484)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0811 | EA | Control Circuit Transformer, Size 1 Factory Installed | 72.68 | |
| 26 24 19 00-0812 | EA | Control Circuit Transformer, Size 2 Factory Installed | 72.68 | |
| 26 24 19 00-0813 | EA | Control Circuit Transformer, Size 3 Factory Installed | 139.97 | |
| 26 24 19 00-0814 | EA | Control Circuit Transformer, Size 4 Factory Installed | 139.97 | |
| 26 24 19 00-0815 | EA | Control Circuit Transformer, Size 5 Factory Installed | 194.46 | |
| 26 24 19 00-0816 | EA | Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay | 52.47 | 12.45 |

### 26 24 19 00-0817 Cover Mounted Control Devices *(26 24 19 00-0484)*

| | | | | |
|---|---|---|---|---|
| 26 24 19 00-0818 | EA | Control Device, 2 Unit Push Button Station Cover Mounted | 118.51 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.75* | |
| 26 24 19 00-0819 | EA | Control Device, 2-3 Unit Selector Switch Cover Mounted | 132.66 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.19* | |
| 26 24 19 00-0820 | EA | Control Device, Pilot Light Cover Mounted | 112.39 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.30* | |
| 26 24 19 00-0821 | EA | Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light | 301.01 | 74.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *45.08* | |
| 26 24 19 00-0822 | EA | Auxiliary Contact Add Per Starter | 369.85 | 28.49 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *17.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 24 19 00-0823** | | **Extra Interlocks** *(26 24 19 00-0484)* Note: Per contact. | | |
| 26 24 19 00-0824 | EA | Extra Interlocks, Class I, Type A Per Contact | 76.88 | 14.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.30* | |
| 26 24 19 00-0825 | EA | Extra Interlocks, Class I, Type B Per Contact | 107.26 | 14.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.30* | |
| 26 24 19 00-0826 | EA | Extra Interlocks, Class I, Type C Per Contact | 119.79 | 14.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.59* | |
| 26 24 19 00-0827 | EA | Extra Interlocks, Class II, Type B Per Contact | 107.99 | 14.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.88* | |
| 26 24 19 00-0828 | EA | Extra Interlocks, Class II, Type C Per Contact | 114.52 | 14.29 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.19* | |
| **26 24 19 00-0829** | | **Special Cabinet Provisions** *(26 24 19 00-0484)* | | |
| 26 24 19 00-0830 | EA | Provisions For Bus Duct Entrance Special Cabinet Provisions | 909.82 | |
| **26 24 19 00-0831** | | **Nameplate Requirements** *(26 24 19 00-0484)* | | |
| 26 24 19 00-0832 | EA | Special Cabinet Nameplate Requirements | 32.30 | |
| **26 24 19 00-0833** | | **Auxiliary Relays** *(26 24 19 00-0484)* | | |
| 26 24 19 00-0834 | EA | Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts | 174.72 | 27.55 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.53* | |
| 26 24 19 00-0835 | EA | Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay | 165.00 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.53* | |
| 26 24 19 00-0836 | EA | General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base | 92.48 | 24.79 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.53* | |
| **26 24 19 00-0837** | | **Motor Control Center Accessories** *(26 24 19 00-0484)* | | |
| **26 24 19 00-0838** | | **Lighting Transformer With Circuit Breaker** *(26 24 19 00-0837)* Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only. | | |
| 26 24 19 00-0839 | EA | 1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker | 5,246.53 | 360.48 |
| 26 24 19 00-0840 | EA | 1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker | 5,454.81 | 374.90 |
| 26 24 19 00-0841 | EA | 1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker | 5,968.60 | 403.74 |
| 26 24 19 00-0842 | EA | 1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker | 7,507.38 | 432.57 |
| 26 24 19 00-0843 | EA | 1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker | 10,101.05 | 461.42 |
| 26 24 19 00-0844 | EA | 1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker | 12,410.95 | 519.10 |
| 26 24 19 00-0845 | EA | 1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker | 16,313.50 | 576.77 |
| 26 24 19 00-0846 | EA | 3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker | 9,520.51 | 475.84 |
| 26 24 19 00-0847 | EA | 3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker | 10,343.41 | 519.10 |
| 26 24 19 00-0848 | EA | 3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker | 11,830.94 | 576.77 |
| 26 24 19 00-0849 | EA | 3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker | 12,550.08 | 634.44 |
| 26 24 19 00-0850 | EA | 3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker | 15,145.98 | 692.12 |
| 26 24 19 00-0851 | EA | 3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker | 15,625.84 | 749.80 |
| **26 24 19 00-0852** | | **Bolt-On Lighting Panel** *(26 24 19 00-0837)* Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only. | | |
| 26 24 19 00-0853 | EA | 18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt | 2,131.80 | 572.40 |
| 26 24 19 00-0854 | EA | 30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt | 3,304.86 | 996.32 |
| 26 24 19 00-0855 | EA | 42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt | 4,387.62 | 1,347.96 |
| 26 24 19 00-0856 | EA | 18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt | 2,225.65 | 619.37 |
| 26 24 19 00-0857 | EA | 30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt | 3,262.47 | 975.09 |
| 26 24 19 00-0858 | EA | 42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt | 4,556.11 | 1,432.22 |
| 26 24 19 00-0859 | EA | 18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt | 3,653.17 | 663.92 |
| 26 24 19 00-0860 | EA | 30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt | 4,830.90 | 1,065.83 |
| 26 24 19 00-0861 | EA | 42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt | 6,017.90 | 1,432.22 |
| 26 24 19 00-0862 | EA | 18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt | 3,757.60 | 716.05 |
| 26 24 19 00-0863 | EA | 30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt | 4,830.90 | 1,065.83 |
| 26 24 19 00-0864 | EA | 42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt | 6,110.29 | 1,478.41 |
| **26 24 19 00-0865** | | **Factory Installed Bolt-On Branch Circuit Breaker** *(26 24 19 00-0837)* Note: For MCC lighting panel only. | | |
| 26 24 19 00-0866 | EA | 15 To 30 Amperes,1 Pole, Bolt-On Branch Circuit Breaker | 19.58 | |
| 26 24 19 00-0867 | EA | 15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker | 280.39 | |
| 26 24 19 00-0868 | EA | 15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker | 38.27 | |
| 26 24 19 00-0869 | EA | 60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker | 88.10 | |
| 26 24 19 00-0870 | EA | 15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker | 103.23 | |
| 26 24 19 00-0871 | EA | 60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker | 156.63 | |
| **26 24 19 00-0872** | | **Blank Unit Door (BUD)** *(26 24 19 00-0837)* Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed. | | |
| 26 24 19 00-0873 | EA | 6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure | 74.77 | |
| 26 24 19 00-0874 | EA | 12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure | 89.73 | |
| 26 24 19 00-0875 | EA | 18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure | 134.59 | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 24 19 00-0876 | | EA | 24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure | 179.45 | |
| 26 24 19 00-0877 | | EA | 30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure | 269.18 | |
| 26 24 19 00-0878 | | EA | 48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure | 314.04 | |
| 26 24 19 00-0879 | | EA | 72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure | 358.90 | |

## 26 25 Enclosed Bus Assemblies *(26 20)*

### 26 25 13 Low-Voltage Busways *(26 25)*

#### 26 25 13 00-0001 Plug-In Bus Duct *(26 25 13)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

#### 26 25 13 00-0002 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0001)*

| | | | | | |
|---|---|---|---|---|---|
| 26 25 13 00-0003 | LF | 225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 556.53 | 33.00 |
| | | *For Up To 25, Add* | *139.13* | |
| | | *For >25 To 50, Add* | *83.48* | |
| | | *For >50 To 100, Add* | *41.74* | |
| 26 25 13 00-0004 | LF | 400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 813.95 | 33.00 |
| | | *For Up To 25, Add* | *203.49* | |
| | | *For >25 To 50, Add* | *122.09* | |
| | | *For >50 To 100, Add* | *61.05* | |
| 26 25 13 00-0005 | LF | 600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 1,041.94 | 44.00 |
| | | *For Up To 25, Add* | *260.49* | |
| | | *For >25 To 50, Add* | *156.29* | |
| | | *For >50 To 100, Add* | *78.15* | |
| 26 25 13 00-0006 | LF | 800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 1,470.71 | 44.00 |
| | | *For Up To 25, Add* | *367.68* | |
| | | *For >25 To 50, Add* | *220.61* | |
| | | *For >50 To 100, Add* | *110.30* | |
| 26 25 13 00-0007 | LF | 1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 1,549.47 | 54.99 |
| | | *For Up To 25, Add* | *387.37* | |
| | | *For >25 To 50, Add* | *232.42* | |
| | | *For >50 To 100, Add* | *116.21* | |
| 26 25 13 00-0008 | LF | 1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 2,197.04 | 54.99 |
| | | *For Up To 25, Add* | *549.26* | |
| | | *For >25 To 50, Add* | *329.56* | |
| | | *For >50 To 100, Add* | *164.78* | |
| 26 25 13 00-0009 | LF | 1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 2,590.32 | 57.75 |
| | | *For Up To 25, Add* | *647.58* | |
| | | *For >25 To 50, Add* | *388.55* | |
| | | *For >50 To 100, Add* | *194.27* | |
| 26 25 13 00-0010 | LF | 2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 3,182.48 | 59.39 |
| | | *For Up To 25, Add* | *795.62* | |
| | | *For >25 To 50, Add* | *477.37* | |
| | | *For >50 To 100, Add* | *238.69* | |
| 26 25 13 00-0011 | LF | 2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 3,955.40 | 62.69 |
| | | *For Up To 25, Add* | *988.85* | |
| | | *For >25 To 50, Add* | *593.31* | |
| | | *For >50 To 100, Add* | *296.66* | |
| 26 25 13 00-0012 | LF | 3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 4,565.17 | 73.15 |
| | | *For Up To 25, Add* | *1,141.29* | |
| | | *For >25 To 50, Add* | *684.78* | |
| | | *For >50 To 100, Add* | *342.39* | |
| 26 25 13 00-0013 | LF | 4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors | 5,295.91 | 79.74 |
| | | *For Up To 25, Add* | *1,323.98* | |
| | | *For >25 To 50, Add* | *794.39* | |
| | | *For >50 To 100, Add* | *397.19* | |

#### 26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0001)*

| | | | | | |
|---|---|---|---|---|---|
| 26 25 13 00-0015 | LF | 225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 972.40 | 33.00 |
| | | *For Up To 25, Add* | *243.10* | |
| | | *For >25 To 50, Add* | *145.86* | |
| | | *For >50 To 100, Add* | *72.93* | |
| 26 25 13 00-0016 | LF | 400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 1,428.73 | 33.00 |
| | | *For Up To 25, Add* | *357.18* | |
| | | *For >25 To 50, Add* | *214.31* | |
| | | *For >50 To 100, Add* | *107.15* | |
| 26 25 13 00-0017 | LF | 600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 1,615.59 | 44.00 |
| | | *For Up To 25, Add* | *403.90* | |
| | | *For >25 To 50, Add* | *242.34* | |
| | | *For >50 To 100, Add* | *121.17* | |
| 26 25 13 00-0018 | LF | 800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 2,071.47 | 44.00 |
| | | *For Up To 25, Add* | *517.87* | |
| | | *For >25 To 50, Add* | *310.72* | |
| | | *For >50 To 100, Add* | *155.36* | |
| 26 25 13 00-0019 | LF | 1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 2,541.59 | 54.99 |
| | | *For Up To 25, Add* | *635.40* | |
| | | *For >25 To 50, Add* | *381.24* | |
| | | *For >50 To 100, Add* | *190.62* | |
| 26 25 13 00-0020 | LF | 1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 3,323.43 | 54.99 |
| | | *For Up To 25, Add* | *830.86* | |
| | | *For >25 To 50, Add* | *498.51* | |
| | | *For >50 To 100, Add* | *249.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 25 13 00-0021 | LF | 1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 4,318.30 | 56.98 |
| | | *For Up To 25, Add* | *1,079.58* | |
| | | *For >25 To 50, Add* | *647.75* | |
| | | *For >50 To 100, Add* | *323.87* | |
| 26 25 13 00-0022 | LF | 2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 5,224.86 | 59.39 |
| | | *For Up To 25, Add* | *1,306.22* | |
| | | *For >25 To 50, Add* | *783.73* | |
| | | *For >50 To 100, Add* | *391.86* | |
| 26 25 13 00-0023 | LF | 2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 6,508.60 | 62.14 |
| | | *For Up To 25, Add* | *1,627.15* | |
| | | *For >25 To 50, Add* | *976.29* | |
| | | *For >50 To 100, Add* | *488.15* | |
| 26 25 13 00-0024 | LF | 3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 7,511.23 | 73.15 |
| | | *For Up To 25, Add* | *1,877.81* | |
| | | *For >25 To 50, Add* | *1,126.68* | |
| | | *For >50 To 100, Add* | *563.34* | |
| 26 25 13 00-0025 | LF | 4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors | 8,720.17 | 79.74 |
| | | *For Up To 25, Add* | *2,180.04* | |
| | | *For >25 To 50, Add* | *1,308.03* | |
| | | *For >50 To 100, Add* | *654.01* | |
| **26 25 13 00-0026** | | **Cable Tap Boxes** *(26 25 13 00-0001)* | | |
| **26 25 13 00-0027** | | **600 Volt, 3-Phase, 3-Wire, Copper Conductors** *(26 25 13 00-0026)* | | |
| 26 25 13 00-0028 | EA | 225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire | 4,919.18 | 153.99 |
| 26 25 13 00-0029 | EA | 400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire | 5,016.21 | 153.99 |
| 26 25 13 00-0030 | EA | 600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire | 5,381.14 | 208.99 |
| 26 25 13 00-0031 | EA | 800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire | 5,680.19 | 208.99 |
| 26 25 13 00-0032 | EA | 1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire | 6,058.16 | 274.98 |
| 26 25 13 00-0033 | EA | 1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire | 6,624.90 | 274.98 |
| **26 25 13 00-0034** | | **277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors** *(26 25 13 00-0026)* | | |
| 26 25 13 00-0035 | EA | 225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire | 5,016.21 | 302.48 |
| 26 25 13 00-0036 | EA | 400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire | 5,393.76 | 302.48 |
| 26 25 13 00-0037 | EA | 600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire | 5,704.31 | 412.47 |
| 26 25 13 00-0038 | EA | 800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire | 6,400.05 | 412.47 |
| 26 25 13 00-0039 | EA | 1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire | 6,671.35 | 549.96 |
| 26 25 13 00-0040 | EA | 1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire | 7,611.51 | 549.96 |
| **26 25 13 00-0041** | | **Bus Duct Plug-In Circuit Breaker** *(26 25 13 00-0001)* | | |
| **26 25 13 00-0042** | | **240 Volt, 3-Phase** *(26 25 13 00-0041)* | | |
| 26 25 13 00-0043 | EA | 60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker | 2,115.26 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.17* | |
| 26 25 13 00-0044 | EA | 100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker | 4,408.20 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *77.24* | |
| **26 25 13 00-0045** | | **600 Volt, 3-Phase** *(26 25 13 00-0041)* | | |
| 26 25 13 00-0046 | EA | 60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker | 4,351.29 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *60.17* | |
| 26 25 13 00-0047 | EA | 100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker | 5,639.23 | 109.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *77.24* | |
| **26 25 13 00-0048** | | **120/208 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)* | | |
| 26 25 13 00-0049 | EA | 60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker | 2,438.41 | 131.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *68.75* | |
| 26 25 13 00-0050 | EA | 100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker | 2,895.10 | 131.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *85.93* | |
| **26 25 13 00-0051** | | **277/480 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)* | | |
| 26 25 13 00-0052 | EA | 60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker | 2,837.81 | 131.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *68.75* | |
| 26 25 13 00-0053 | EA | 100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker | 4,459.12 | 131.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *85.93* | |
| 26 25 13 00-0054 | EA | 225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker | 6,173.73 | 456.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *197.83* | |
| 26 25 13 00-0055 | EA | 400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker | 14,935.17 | 456.47 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *429.66* | |
| 26 25 13 00-0056 | EA | 600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker | 16,131.86 | 1,319.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *597.79* | |
| 26 25 13 00-0057 | EA | 800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker | 18,725.09 | 1,319.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *1,057.62* | |
| **26 25 13 00-0058** | | **Bus Duct Plug-In Fusible Switch** *(26 25 13 00-0001)* | | |
| **26 25 13 00-0059** | | **240 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)* | | |
| 26 25 13 00-0060 | EA | 30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 2,109.77 | 109.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 25 13 00-0061 | EA | 60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 2,287.56 | 109.99 |
| 26 25 13 00-0062 | EA | 100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 3,203.39 | 131.99 |
| 26 25 13 00-0063 | EA | 200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 5,371.35 | 263.98 |
| 26 25 13 00-0064 | EA | 400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 13,830.95 | 593.96 |
| 26 25 13 00-0065 | EA | 600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 20,204.18 | 1,033.93 |
| **26 25 13 00-0066** | | **600 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)* | | |
| 26 25 13 00-0067 | EA | 30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 2,230.30 | 120.99 |
| 26 25 13 00-0068 | EA | 60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 2,401.75 | 120.99 |
| 26 25 13 00-0069 | EA | 100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 3,258.49 | 120.99 |
| 26 25 13 00-0070 | EA | 200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 5,553.65 | 252.99 |
| 26 25 13 00-0071 | EA | 400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 13,801.58 | 571.96 |
| 26 25 13 00-0072 | EA | 600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 20,412.51 | 1,099.93 |
| 26 25 13 00-0073 | EA | 800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 34,514.48 | 1,429.90 |
| **26 25 13 00-0074** | | **120/208 Volt, 4-pole, 3 Fuse** *(26 25 13 00-0058)* | | |
| 26 25 13 00-0075 | EA | 30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 2,454.24 | 142.99 |
| 26 25 13 00-0076 | EA | 60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 2,592.12 | 142.99 |
| 26 25 13 00-0077 | EA | 100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 3,510.06 | 142.99 |
| 26 25 13 00-0078 | EA | 200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 5,963.22 | 296.98 |
| 26 25 13 00-0079 | EA | 400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 15,092.87 | 659.96 |
| 26 25 13 00-0080 | EA | 600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 21,857.14 | 1,011.93 |
| **26 25 13 00-0081** | | **277/480 Volt, 4-pole, 3-Fuse** *(26 25 13 00-0058)* | | |
| 26 25 13 00-0082 | EA | 30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 2,546.09 | 142.99 |
| 26 25 13 00-0083 | EA | 60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 2,683.97 | 121.33 |
| 26 25 13 00-0084 | EA | 100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 3,771.71 | 164.99 |
| 26 25 13 00-0085 | EA | 200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 6,240.25 | 296.98 |
| 26 25 13 00-0086 | EA | 400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 15,092.87 | 659.96 |
| 26 25 13 00-0087 | EA | 600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 21,857.14 | 1,011.93 |
| 26 25 13 00-0088 | EA | 800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch | 35,381.92 | 1,341.91 |

## 26 25 16 Low-Voltage Cablebus Systems *(26 25)*

**26 25 16 00-0001 Feeder Bus Duct** *(26 25 16)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

**26 25 16 00-0002 600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance** *(26 25 16 00-0001)*

Note: Copper conductors.

| | | | | |
|---|---|---|---|---|
| 26 25 16 00-0003 | LF | 800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 1,815.11 | 46.19 |
| | | *For Up To 25, Add* | *453.78* | |
| | | *For >25 To 50, Add* | *272.27* | |
| | | *For >50 To 100, Add* | *136.13* | |
| 26 25 16 00-0004 | LF | 1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 1,832.25 | 46.19 |
| | | *For Up To 25, Add* | *458.06* | |
| | | *For >25 To 50, Add* | *274.84* | |
| | | *For >50 To 100, Add* | *137.42* | |
| 26 25 16 00-0005 | LF | 1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 2,423.03 | 46.19 |
| | | *For Up To 25, Add* | *605.76* | |
| | | *For >25 To 50, Add* | *363.45* | |
| | | *For >50 To 100, Add* | *181.73* | |
| 26 25 16 00-0006 | LF | 1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 2,925.87 | 46.19 |
| | | *For Up To 25, Add* | *731.47* | |
| | | *For >25 To 50, Add* | *438.88* | |
| | | *For >50 To 100, Add* | *219.44* | |
| 26 25 16 00-0007 | LF | 2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 3,586.69 | 46.19 |
| | | *For Up To 25, Add* | *896.67* | |
| | | *For >25 To 50, Add* | *538.00* | |
| | | *For >50 To 100, Add* | *269.00* | |
| 26 25 16 00-0008 | LF | 3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 4,888.56 | 109.99 |
| | | *For Up To 25, Add* | *1,222.14* | |
| | | *For >25 To 50, Add* | *733.28* | |
| | | *For >50 To 100, Add* | *366.64* | |
| 26 25 16 00-0009 | LF | 4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 6,789.45 | 109.99 |
| | | *For Up To 25, Add* | *1,697.36* | |
| | | *For >25 To 50, Add* | *1,018.42* | |
| | | *For >50 To 100, Add* | *509.21* | |
| 26 25 16 00-0010 | LF | 5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 8,031.56 | 109.99 |
| | | *For Up To 25, Add* | *2,007.89* | |
| | | *For >25 To 50, Add* | *1,204.73* | |
| | | *For >50 To 100, Add* | *602.37* | |
| 26 25 16 00-0011 | LF | 6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports | 9,917.07 | 109.99 |
| | | *For Up To 25, Add* | *2,479.27* | |
| | | *For >25 To 50, Add* | *1,487.56* | |
| | | *For >50 To 100, Add* | *743.78* | |

**26 25 16 00-0012 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated** *(26 25 16 00-0001)*

Note: Low impedance, copper conductors.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 25 16 00-0013 | LF | 800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 2,096.40 | 49.50 |
| | | *For Up To 25, Add* | *524.10* | |
| | | *For >25 To 50, Add* | *314.46* | |
| | | *For >50 To 100, Add* | *157.23* | |
| 26 25 16 00-0014 | LF | 1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 2,116.99 | 49.50 |
| | | *For Up To 25, Add* | *529.25* | |
| | | *For >25 To 50, Add* | *317.55* | |
| | | *For >50 To 100, Add* | *158.77* | |
| 26 25 16 00-0015 | LF | 1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 2,746.37 | 49.50 |
| | | *For Up To 25, Add* | *686.59* | |
| | | *For >25 To 50, Add* | *411.96* | |
| | | *For >50 To 100, Add* | *205.98* | |
| 26 25 16 00-0016 | LF | 1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 3,257.31 | 49.50 |
| | | *For Up To 25, Add* | *814.33* | |
| | | *For >25 To 50, Add* | *488.60* | |
| | | *For >50 To 100, Add* | *244.30* | |
| 26 25 16 00-0017 | LF | 2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 3,943.05 | 49.50 |
| | | *For Up To 25, Add* | *985.76* | |
| | | *For >25 To 50, Add* | *591.46* | |
| | | *For >50 To 100, Add* | *295.73* | |
| 26 25 16 00-0018 | LF | 3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 6,087.12 | 84.70 |
| | | *For Up To 25, Add* | *1,521.78* | |
| | | *For >25 To 50, Add* | *913.07* | |
| | | *For >50 To 100, Add* | *456.53* | |
| 26 25 16 00-0019 | LF | 4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 7,639.00 | 84.70 |
| | | *For Up To 25, Add* | *1,909.75* | |
| | | *For >25 To 50, Add* | *1,145.85* | |
| | | *For >50 To 100, Add* | *572.93* | |
| 26 25 16 00-0020 | LF | 5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 9,033.50 | 157.29 |
| | | *For Up To 25, Add* | *2,258.38* | |
| | | *For >25 To 50, Add* | *1,355.03* | |
| | | *For >50 To 100, Add* | *677.51* | |
| 26 25 16 00-0021 | LF | 6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports | 11,173.80 | 157.29 |
| | | *For Up To 25, Add* | *2,793.45* | |
| | | *For >25 To 50, Add* | *1,676.07* | |
| | | *For >50 To 100, Add* | *838.04* | |

## 26 27 Low-Voltage Distribution Equipment *(26 20)*

### 26 27 13 Electricity Metering *(26 27)*

#### 26 27 13 00-0001 Revenue Metering *(26 27 13)*

#### 26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

Note: NEMA 3R.

| | | | | |
|---|---|---|---|---|
| 26 27 13 00-0003 | EA | 100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass | 239.40 | 71.49 |
| 26 27 13 00-0004 | EA | 100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass | 253.19 | 71.49 |
| 26 27 13 00-0005 | EA | 200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass | 327.62 | 87.99 |
| 26 27 13 00-0006 | EA | 200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass | 331.53 | 87.99 |
| 26 27 13 00-0007 | EA | 200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release | 628.46 | 98.99 |
| 26 27 13 00-0008 | EA | 320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release | 831.97 | 109.99 |
| 26 27 13 00-0009 | EA | 400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release | 2,029.24 | 120.99 |
| 26 27 13 00-0010 | EA | Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base | 2,402.19 | 549.96 |

#### 26 27 13 00-0011 Meter Device *(26 27 13 00-0001)*

Note: Direct read, with 15 minute demand.

| | | | | |
|---|---|---|---|---|
| 26 27 13 00-0012 | EA | 100 To 200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter | 230.65 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.53* | |
| 26 27 13 00-0013 | EA | 200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter | 642.60 | 22.03 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.77* | |

#### 26 27 13 00-0014 Current Transformer Enclosure *(26 27 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 27 13 00-0015 | EA | 18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure | 498.51 | 142.99 |

#### 26 27 13 00-0016 120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

#### 26 27 13 00-0017 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0016)*

| | | | | |
|---|---|---|---|---|
| 26 27 13 00-0018 | EA | 3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max | 895.75 | 68.75 |
| 26 27 13 00-0019 | EA | 4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max | 1,177.48 | 82.49 |
| 26 27 13 00-0020 | EA | 5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max | 1,457.73 | 96.24 |
| 26 27 13 00-0021 | EA | 6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max | 1,688.93 | 109.99 |
| 26 27 13 00-0022 | EA | 7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max | 2,195.17 | 123.74 |
| 26 27 13 00-0023 | EA | 8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max | 2,371.35 | 137.49 |
| 26 27 13 00-0024 | EA | 10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max | 2,768.32 | 164.99 |

#### 26 27 13 00-0025 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole *(26 27 13 00-0016)*

| | | | | |
|---|---|---|---|---|
| 26 27 13 00-0026 | EA | 3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max | 1,639.14 | 68.75 |
| 26 27 13 00-0027 | EA | 4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max | 2,157.28 | 82.49 |
| 26 27 13 00-0028 | EA | 6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max | 2,970.56 | 109.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 13 00-0029 | EA | 7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max | 3,295.39 | 123.74 |
| 26 27 13 00-0030 | EA | 8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max | 4,140.62 | 137.49 |
| 26 27 13 00-0031 | | 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0016)* | | |
| 26 27 13 00-0032 | EA | 3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 1,370.01 | 96.24 |
| 26 27 13 00-0033 | EA | 4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 1,795.98 | 109.99 |
| 26 27 13 00-0034 | EA | 5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,195.17 | 123.74 |
| 26 27 13 00-0035 | EA | 6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,579.50 | 137.49 |
| 26 27 13 00-0036 | EA | 7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,246.31 | 151.24 |
| 26 27 13 00-0037 | EA | 8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,407.63 | 164.99 |
| 26 27 13 00-0038 | EA | 10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 4,220.87 | 192.49 |
| 26 27 13 00-0039 | | 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0016)* | | |
| 26 27 13 00-0040 | EA | 3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,110.43 | 96.24 |
| 26 27 13 00-0041 | EA | 4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,762.39 | 109.99 |
| 26 27 13 00-0042 | EA | 6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,887.87 | 137.49 |
| 26 27 13 00-0043 | EA | 7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 4,168.12 | 151.24 |
| 26 27 13 00-0044 | EA | 8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 5,325.55 | 164.99 |
| 26 27 13 00-0045 | | 120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)* | | |
| 26 27 13 00-0046 | | 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0045)* | | |
| 26 27 13 00-0047 | EA | 3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max | 976.76 | 82.49 |
| 26 27 13 00-0048 | EA | 4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max | 1,274.86 | 96.24 |
| 26 27 13 00-0049 | EA | 5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max | 1,571.48 | 109.99 |
| 26 27 13 00-0050 | EA | 6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max | 1,823.47 | 123.74 |
| 26 27 13 00-0051 | EA | 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max | 2,237.54 | 137.49 |
| 26 27 13 00-0052 | EA | 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max | 2,413.71 | 151.24 |
| 26 27 13 00-0053 | EA | 10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max | 2,974.23 | 178.74 |
| 26 27 13 00-0054 | | 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)* | | |
| 26 27 13 00-0055 | EA | 3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 1,726.11 | 82.49 |
| 26 27 13 00-0056 | EA | 4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 2,274.00 | 96.24 |
| 26 27 13 00-0057 | EA | 6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 3,280.52 | 123.74 |
| 26 27 13 00-0058 | EA | 7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 3,605.38 | 137.49 |
| 26 27 13 00-0059 | EA | 8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 4,361.43 | 151.24 |
| 26 27 13 00-0060 | | 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)* | | |
| 26 27 13 00-0061 | EA | 3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 1,451.07 | 109.99 |
| 26 27 13 00-0062 | EA | 4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 1,882.97 | 123.74 |
| 26 27 13 00-0063 | EA | 5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,326.77 | 137.49 |
| 26 27 13 00-0064 | EA | 6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,711.10 | 151.24 |
| 26 27 13 00-0065 | EA | 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,407.67 | 164.99 |
| 26 27 13 00-0066 | EA | 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,568.94 | 178.74 |
| 26 27 13 00-0067 | EA | 10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 4,441.70 | 206.23 |
| 26 27 13 00-0068 | | 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)* | | |
| 26 27 13 00-0069 | EA | 3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,212.30 | 109.99 |
| 26 27 13 00-0070 | EA | 4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,908.85 | 123.74 |
| 26 27 13 00-0071 | EA | 6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 4,168.15 | 151.24 |
| 26 27 13 00-0072 | EA | 7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 4,359.18 | 164.99 |
| 26 27 13 00-0073 | EA | 8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 5,531.50 | 178.74 |
| 26 27 13 00-0074 | | 120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)* | | |
| 26 27 13 00-0075 | | 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)* | | |
| 26 27 13 00-0076 | EA | 3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 895.75 | 68.75 |
| 26 27 13 00-0077 | EA | 4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 1,177.48 | 82.49 |
| 26 27 13 00-0078 | EA | 6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 1,688.93 | 109.99 |
| 26 27 13 00-0079 | EA | 7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 2,195.17 | 123.74 |
| 26 27 13 00-0080 | EA | 8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 2,713.31 | 137.49 |
| 26 27 13 00-0081 | | 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)* | | |
| 26 27 13 00-0082 | EA | 3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 1,639.14 | 68.75 |
| 26 27 13 00-0083 | EA | 4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 2,157.27 | 82.49 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 13 00-0084 | EA | 6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 3,119.22 | 109.99 |
| 26 27 13 00-0085 | EA | 7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 3,444.07 | 123.74 |
| 26 27 13 00-0086 | EA | 8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 4,140.62 | 137.49 |
| 26 27 13 00-0087 | | 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)* | | |
| 26 27 13 00-0088 | EA | 3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 1,370.01 | 96.24 |
| 26 27 13 00-0089 | EA | 4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 1,795.98 | 109.99 |
| 26 27 13 00-0090 | EA | 6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,579.50 | 137.49 |
| 26 27 13 00-0091 | EA | 7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,246.31 | 151.24 |
| 26 27 13 00-0092 | EA | 8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,407.63 | 164.99 |
| 26 27 13 00-0093 | | 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)* | | |
| 26 27 13 00-0094 | EA | 3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,110.45 | 96.24 |
| 26 27 13 00-0095 | EA | 4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,762.39 | 109.99 |
| 26 27 13 00-0096 | EA | 6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,887.87 | 137.49 |
| 26 27 13 00-0097 | EA | 7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 4,168.12 | 151.24 |
| 26 27 13 00-0098 | EA | 8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 5,325.59 | 164.99 |
| 26 27 13 00-0099 | | 120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)* | | |
| 26 27 13 00-0100 | | 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)* | | |
| 26 27 13 00-0101 | EA | 3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 976.76 | 82.49 |
| 26 27 13 00-0102 | EA | 4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 1,274.86 | 96.24 |
| 26 27 13 00-0103 | EA | 6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 1,823.47 | 123.74 |
| 26 27 13 00-0104 | EA | 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 2,386.21 | 137.49 |
| 26 27 13 00-0105 | EA | 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 2,711.07 | 151.24 |
| 26 27 13 00-0106 | | 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)* | | |
| 26 27 13 00-0107 | EA | 3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 1,726.10 | 82.49 |
| 26 27 13 00-0108 | EA | 4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 2,273.98 | 96.24 |
| 26 27 13 00-0109 | EA | 6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 3,131.84 | 123.74 |
| 26 27 13 00-0110 | EA | 7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 3,456.70 | 137.49 |
| 26 27 13 00-0111 | EA | 8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity | 4,361.40 | 151.24 |
| 26 27 13 00-0112 | | 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)* | | |
| 26 27 13 00-0113 | EA | 3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 1,451.05 | 109.99 |
| 26 27 13 00-0114 | EA | 4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 1,882.94 | 123.74 |
| 26 27 13 00-0115 | EA | 6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,711.07 | 151.24 |
| 26 27 13 00-0116 | EA | 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,407.63 | 164.99 |
| 26 27 13 00-0117 | EA | 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 3,568.94 | 178.74 |
| 26 27 13 00-0118 | | 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)* | | |
| 26 27 13 00-0119 | EA | 3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,212.28 | 109.99 |
| 26 27 13 00-0120 | EA | 4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 2,908.82 | 123.74 |
| 26 27 13 00-0121 | EA | 6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 4,168.12 | 151.24 |
| 26 27 13 00-0122 | EA | 7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 4,359.18 | 164.99 |
| 26 27 13 00-0123 | EA | 8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity | 5,531.50 | 178.74 |
| 26 27 13 00-0124 | | Watt/Hour Meters *(26 27 13)* | | |
| 26 27 13 00-0125 | EA | Single Phase M-90 Meter, Socket, NEMA 3R Enclosure | 960.10 | 66.00 |
| 26 27 13 00-0126 | EA | Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure | 2,900.68 | 131.99 |
| 26 27 13 00-0127 | EA | Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure | 1,547.87 | 98.99 |
| 26 27 13 00-0128 | EA | Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure | 1,887.43 | 98.99 |
| 26 27 13 00-0129 | EA | Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure | 1,597.75 | 98.99 |
| 26 27 13 00-0130 | EA | C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure | 1,078.70 | 91.29 |
| 26 27 13 00-0131 | EA | P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure | 1,845.54 | 164.99 |
| 26 27 13 00-0132 | | Watt/Hour Meter Systems *(26 27 13)*<br>Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure. | | |
| 26 27 13 00-0133 | | Watt/Hour Meter System Without Main Breaker *(26 27 13 00-0132)* | | |
| 26 27 13 00-0134 | EA | 400 Amperes System; 200 Amperes M-90 Meter And Enclosure | 4,766.96 | 660.07 |
| 26 27 13 00-0135 | EA | 600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure | 5,568.31 | 660.07 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 13 00-0136 | | Watt/Hour Meter System With Main Breaker *(26 27 13 00-0132)* | | |
| 26 27 13 00-0137 | EA | 400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure | 8,285.28 | 660.07 |
| 26 27 13 00-0138 | EA | 600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure | 10,032.65 | 660.07 |
| 26 27 13 00-0139 | EA | 800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure | 10,773.71 | 660.07 |

## 26 27 16 Electrical Cabinets and Enclosures *(26 27)*

Note: Can be used as enclosure or pull/junction boxes.

| | | | | |
|---|---|---|---|---|
| 26 27 16 00-0001 | | NEMA 1 Enclosures, Lockable *(26 27 16)* | | |
| 26 27 16 00-0002 | | Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)* | | |
| 26 27 16 00-0003 | | 4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)* | | |
| 26 27 16 00-0004 | EA | 6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 69.93 | 21.99 |
| 26 27 16 00-0005 | EA | 6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 78.46 | 24.20 |
| 26 27 16 00-0006 | EA | 8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 87.05 | 26.39 |
| 26 27 16 00-0007 | EA | 8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 101.64 | 30.80 |
| 26 27 16 00-0008 | EA | 10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 110.73 | 33.00 |
| 26 27 16 00-0009 | EA | 10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 120.49 | 35.20 |
| 26 27 16 00-0010 | EA | 12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 120.15 | 35.20 |
| 26 27 16 00-0011 | EA | 12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 130.17 | 37.40 |
| 26 27 16 00-0012 | EA | 12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 140.68 | 39.60 |
| 26 27 16 00-0013 | EA | 16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 182.36 | 52.80 |
| 26 27 16 00-0014 | EA | 16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 221.23 | 63.80 |
| 26 27 16 00-0015 | EA | 18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 210.12 | 61.60 |
| 26 27 16 00-0016 | | 6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)* | | |
| 26 27 16 00-0017 | EA | 6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 87.72 | 26.39 |
| 26 27 16 00-0018 | EA | 8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 106.57 | 30.80 |
| 26 27 16 00-0019 | EA | 10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 127.19 | 37.40 |
| 26 27 16 00-0020 | EA | 10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 137.44 | 39.60 |
| 26 27 16 00-0021 | EA | 12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 147.92 | 41.80 |
| 26 27 16 00-0022 | EA | 12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 158.88 | 44.00 |
| 26 27 16 00-0023 | EA | 16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 201.68 | 57.20 |
| 26 27 16 00-0024 | EA | 16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 244.47 | 70.39 |
| 26 27 16 00-0025 | EA | 18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 235.74 | 68.20 |
| 26 27 16 00-0026 | EA | 18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 307.05 | 87.99 |
| 26 27 16 00-0027 | EA | 24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 394.71 | 101.20 |
| 26 27 16 00-0028 | EA | 24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 451.32 | 109.99 |
| 26 27 16 00-0029 | EA | 30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 502.74 | 116.59 |
| 26 27 16 00-0030 | EA | 36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure | 548.66 | 120.99 |
| 26 27 16 00-0031 | EA | 24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L) | 372.32 | 87.99 |
| 26 27 16 00-0032 | | Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)* | | |
| 26 27 16 00-0033 | | 3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)* | | |
| 26 27 16 00-0034 | EA | 4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 46.97 | 15.40 |
| 26 27 16 00-0035 | EA | 6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 67.13 | 21.99 |
| 26 27 16 00-0036 | EA | 8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 74.79 | 24.20 |
| 26 27 16 00-0037 | | 4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)* | | |
| 26 27 16 00-0038 | EA | 4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 52.63 | 17.60 |
| 26 27 16 00-0039 | EA | 6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 65.29 | 21.99 |
| 26 27 16 00-0040 | EA | 6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 72.84 | 24.20 |
| 26 27 16 00-0041 | EA | 8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 80.48 | 26.39 |
| 26 27 16 00-0042 | EA | 8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 93.91 | 30.80 |
| 26 27 16 00-0043 | EA | 10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 101.89 | 33.00 |
| 26 27 16 00-0044 | EA | 10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 110.25 | 35.20 |
| 26 27 16 00-0045 | EA | 12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 109.97 | 35.20 |
| 26 27 16 00-0046 | EA | 12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 118.67 | 37.40 |
| 26 27 16 00-0047 | EA | 12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 127.59 | 39.60 |
| 26 27 16 00-0048 | EA | 16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 167.19 | 52.80 |
| 26 27 16 00-0049 | EA | 16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 207.34 | 66.00 |
| 26 27 16 00-0050 | EA | 18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 192.49 | 61.60 |
| 26 27 16 00-0051 | EA | 18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 249.16 | 79.19 |
| 26 27 16 00-0052 | EA | 24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 355.38 | 98.99 |
| 26 27 16 00-0053 | | 6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)* | | |
| 26 27 16 00-0054 | EA | 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 80.89 | 26.39 |
| 26 27 16 00-0055 | EA | 8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 89.08 | 28.60 |
| 26 27 16 00-0056 | EA | 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 102.69 | 33.00 |
| 26 27 16 00-0057 | EA | 10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 116.58 | 37.40 |
| 26 27 16 00-0058 | EA | 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 125.38 | 39.60 |
| 26 27 16 00-0059 | EA | 12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 134.28 | 41.80 |
| 26 27 16 00-0060 | EA | 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 143.52 | 44.00 |
| 26 27 16 00-0061 | EA | 16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 184.00 | 57.20 |
| 26 27 16 00-0062 | EA | 16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 226.12 | 70.39 |
| 26 27 16 00-0063 | EA | 18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 215.27 | 68.20 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 16 00-0064 | EA | 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 279.71 | 87.99 |
| 26 27 16 00-0065 | EA | 24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 346.87 | 101.20 |
| 26 27 16 00-0066 | EA | 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 395.84 | 109.99 |
| 26 27 16 00-0067 | EA | 30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 426.77 | 116.59 |
| 26 27 16 00-0068 | EA | 36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 464.95 | 120.99 |
| 26 27 16 00-0069 | | 8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)* | | |
| 26 27 16 00-0070 | EA | 8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 116.58 | 37.40 |
| 26 27 16 00-0071 | EA | 12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 158.28 | 48.40 |
| 26 27 16 00-0072 | EA | 16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 201.24 | 61.60 |
| 26 27 16 00-0073 | EA | 16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 249.93 | 77.00 |
| 26 27 16 00-0074 | EA | 18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 239.21 | 74.79 |
| 26 27 16 00-0075 | EA | 18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 296.25 | 92.40 |
| 26 27 16 00-0076 | EA | 24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 331.11 | 105.60 |
| 26 27 16 00-0077 | EA | 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 381.14 | 112.19 |
| 26 27 16 00-0078 | EA | 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 436.41 | 120.99 |
| 26 27 16 00-0079 | EA | 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 464.03 | 127.59 |
| 26 27 16 00-0080 | EA | 30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 486.92 | 131.99 |
| 26 27 16 00-0081 | EA | 36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 498.81 | 131.99 |
| 26 27 16 00-0082 | | 10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)* | | |
| 26 27 16 00-0083 | EA | 18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 271.12 | 83.59 |
| 26 27 16 00-0084 | EA | 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 356.19 | 107.79 |
| 26 27 16 00-0085 | EA | 24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 362.03 | 114.39 |
| 26 27 16 00-0086 | EA | 24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 462.52 | 123.19 |
| 26 27 16 00-0087 | EA | 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 530.76 | 136.39 |
| 26 27 16 00-0088 | EA | 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 586.03 | 140.79 |
| 26 27 16 00-0089 | EA | 36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure | 624.35 | 147.39 |
| 26 27 16 00-0090 | | 12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)* | | |
| 26 27 16 00-0091 | EA | 18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure | 393.17 | 118.79 |
| 26 27 16 00-0092 | EA | 24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure | 393.59 | 125.40 |
| 26 27 16 00-0093 | EA | 24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure | 508.80 | 136.39 |
| 26 27 16 00-0094 | EA | 24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure | 579.55 | 149.59 |
| 26 27 16 00-0095 | EA | 30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure | 647.02 | 156.19 |
| 26 27 16 00-0096 | EA | 36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure | 681.88 | 162.79 |
| 26 27 16 00-0097 | | NEMA 1 Enclosures For Up To 6 Boards, Lockable *(26 27 16)* | | |
| 26 27 16 00-0098 | | 4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures *(26 27 16 00-0097)* | | |
| 26 27 16 00-0099 | EA | 24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12) | 1,071.90 | 96.80 |
| 26 27 16 00-0100 | | NEMA 12 Enclosures, Lockable *(26 27 16)* | | |
| | | Note: Dust-tight enclosures. | | |
| 26 27 16 00-0101 | | Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)* | | |
| 26 27 16 00-0102 | | 4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)* | | |
| 26 27 16 00-0103 | EA | 4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure | 100.47 | 17.60 |
| 26 27 16 00-0104 | EA | 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure | 130.75 | 24.20 |
| 26 27 16 00-0105 | EA | 8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure | 161.69 | 30.80 |
| 26 27 16 00-0106 | EA | 10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure | 175.07 | 33.00 |
| 26 27 16 00-0107 | EA | 12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure | 196.67 | 35.20 |
| 26 27 16 00-0108 | EA | 12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure | 211.90 | 37.40 |
| 26 27 16 00-0109 | | 6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)* | | |
| 26 27 16 00-0110 | EA | 6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure | 145.18 | 26.39 |
| 26 27 16 00-0111 | EA | 8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure | 159.99 | 28.60 |
| 26 27 16 00-0112 | | Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)* | | |
| 26 27 16 00-0113 | | 4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)* | | |
| 26 27 16 00-0114 | EA | 4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 186.83 | 17.60 |
| 26 27 16 00-0115 | EA | 6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 224.63 | 24.20 |
| 26 27 16 00-0116 | EA | 8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 253.86 | 26.39 |
| 26 27 16 00-0117 | EA | 8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 290.54 | 30.80 |
| 26 27 16 00-0118 | EA | 10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 299.05 | 33.00 |
| 26 27 16 00-0119 | EA | 10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 352.55 | 35.20 |
| 26 27 16 00-0120 | EA | 12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 378.48 | 37.40 |
| 26 27 16 00-0121 | EA | 12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 430.17 | 39.60 |
| 26 27 16 00-0122 | | 6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)* | | |
| 26 27 16 00-0123 | EA | 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 272.97 | 26.39 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 16 00-0124 | EA | 8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 308.38 | 28.60 |
| 26 27 16 00-0125 | EA | 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 336.45 | 33.00 |
| 26 27 16 00-0126 | EA | 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 398.03 | 39.60 |
| 26 27 16 00-0127 | EA | 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 432.42 | 44.00 |
| 26 27 16 00-0128 | EA | 16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 599.84 | 57.20 |
| 26 27 16 00-0129 | EA | 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 929.43 | 87.99 |
| 26 27 16 00-0130 | EA | 24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 1,215.08 | 101.20 |
| 26 27 16 00-0131 | EA | 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 1,369.25 | 109.99 |
| 26 27 16 00-0132 | | 8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)* | | |
| 26 27 16 00-0133 | EA | 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 1,268.10 | 112.19 |
| 26 27 16 00-0134 | EA | 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 1,460.02 | 120.99 |
| 26 27 16 00-0135 | EA | 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 1,603.98 | 127.59 |
| 26 27 16 00-0136 | EA | 30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 1,767.00 | 131.99 |
| 26 27 16 00-0137 | EA | 36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure | 1,742.97 | 131.99 |
| 26 27 16 00-0138 | | Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)* | | |
| 26 27 16 00-0139 | | 8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)* | | |
| 26 27 16 00-0140 | EA | 60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 5,523.75 | 178.74 |
| 26 27 16 00-0141 | | 10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)* | | |
| 26 27 16 00-0142 | EA | 60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 5,579.61 | 197.98 |
| 26 27 16 00-0143 | EA | 60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 6,398.30 | 211.74 |
| 26 27 16 00-0144 | EA | 72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 7,363.44 | 263.98 |
| 26 27 16 00-0145 | EA | 72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 8,224.37 | 311.28 |
| 26 27 16 00-0146 | | 12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)* | | |
| 26 27 16 00-0147 | EA | 60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 5,964.93 | 311.28 |
| 26 27 16 00-0148 | EA | 60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 6,647.19 | 329.97 |
| 26 27 16 00-0149 | EA | 72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 7,546.86 | 351.98 |
| 26 27 16 00-0150 | EA | 72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure | 8,323.13 | 351.98 |
| 26 27 16 00-0151 | | NEMA 3 Enclosures, Lockable *(26 27 16)* | | |
| | | Note: Can be used underground or encased in concrete. | | |
| 26 27 16 00-0152 | | 2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)* | | |
| 26 27 16 00-0153 | EA | 4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 286.03 | 77.00 |
| 26 27 16 00-0154 | | 3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)* | | |
| 26 27 16 00-0155 | EA | 4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 306.92 | 77.00 |
| 26 27 16 00-0156 | EA | 5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 391.52 | 79.74 |
| 26 27 16 00-0157 | EA | 6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 405.74 | 79.74 |
| 26 27 16 00-0158 | EA | 6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 509.11 | 82.49 |
| 26 27 16 00-0159 | | 4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)* | | |
| 26 27 16 00-0160 | EA | 4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 387.68 | 79.74 |
| 26 27 16 00-0161 | EA | 5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 424.86 | 79.74 |
| 26 27 16 00-0162 | EA | 6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 442.85 | 82.49 |
| 26 27 16 00-0163 | EA | 6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 557.05 | 82.49 |
| 26 27 16 00-0164 | EA | 8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 612.26 | 87.99 |
| 26 27 16 00-0165 | EA | 8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 659.01 | 93.50 |
| 26 27 16 00-0166 | EA | 10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 686.17 | 93.50 |
| 26 27 16 00-0167 | EA | 10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 815.47 | 96.24 |
| 26 27 16 00-0168 | EA | 12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 884.49 | 98.99 |
| 26 27 16 00-0169 | EA | 12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 1,210.15 | 109.99 |
| 26 27 16 00-0170 | | 6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)* | | |
| 26 27 16 00-0171 | EA | 6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 588.27 | 85.25 |
| 26 27 16 00-0172 | EA | 8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 740.99 | 96.24 |
| 26 27 16 00-0173 | EA | 8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 867.79 | 98.99 |
| 26 27 16 00-0174 | EA | 10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 999.73 | 101.75 |
| 26 27 16 00-0175 | EA | 10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 1,063.80 | 101.75 |
| 26 27 16 00-0176 | EA | 12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 1,209.81 | 109.99 |
| 26 27 16 00-0177 | EA | 12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 1,399.30 | 123.74 |
| 26 27 16 00-0178 | EA | 16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 1,318.60 | 118.24 |
| 26 27 16 00-0179 | EA | 18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 2,563.38 | 219.99 |
| 26 27 16 00-0180 | EA | 18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 4,438.32 | 274.98 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 16 00-0181 | | 8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)* | | |
| 26 27 16 00-0182 | EA | 8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 1,073.88 | 104.49 |
| 26 27 16 00-0183 | EA | 12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 1,614.40 | 137.49 |
| 26 27 16 00-0184 | EA | 12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 1,640.56 | 137.49 |
| 26 27 16 00-0185 | EA | 16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 2,223.09 | 206.23 |
| 26 27 16 00-0186 | EA | 18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 2,926.80 | 219.99 |
| 26 27 16 00-0187 | EA | 24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 7,422.91 | 384.98 |
| 26 27 16 00-0188 | | 10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)* | | |
| 26 27 16 00-0189 | EA | 18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 3,902.11 | 274.98 |
| 26 27 16 00-0190 | | 12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)* | | |
| 26 27 16 00-0191 | EA | 18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 5,999.23 | 329.97 |
| 26 27 16 00-0192 | EA | 24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure | 4,934.46 | 302.48 |
| 26 27 16 00-0193 | | NEMA 3R Enclosures, Lockable *(26 27 16)*<br>Note: Rain-tight enclosures. | | |
| 26 27 16 00-0194 | | Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0193)* | | |
| 26 27 16 00-0195 | | 4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)* | | |
| 26 27 16 00-0196 | EA | 6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 91.44 | 21.99 |
| 26 27 16 00-0197 | EA | 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 100.96 | 24.20 |
| 26 27 16 00-0198 | EA | 8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 149.24 | 26.39 |
| 26 27 16 00-0199 | | 6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)* | | |
| 26 27 16 00-0200 | EA | 8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 187.84 | 33.00 |
| 26 27 16 00-0201 | EA | 10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 209.92 | 37.40 |
| 26 27 16 00-0202 | EA | 12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 246.26 | 41.80 |
| 26 27 16 00-0203 | EA | 12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 266.20 | 44.00 |
| 26 27 16 00-0204 | EA | 16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 346.58 | 57.20 |
| 26 27 16 00-0205 | EA | 16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 414.49 | 70.39 |
| 26 27 16 00-0206 | EA | 18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 473.60 | 87.99 |
| 26 27 16 00-0207 | | 8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)* | | |
| 26 27 16 00-0208 | EA | 24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 718.85 | 112.19 |
| 26 27 16 00-0209 | EA | 24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 797.18 | 120.99 |
| 26 27 16 00-0210 | EA | 30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 897.21 | 127.59 |
| 26 27 16 00-0211 | EA | 30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 943.62 | 131.99 |
| 26 27 16 00-0212 | | 10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)* | | |
| 26 27 16 00-0213 | EA | 12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 891.30 | 136.39 |
| 26 27 16 00-0214 | EA | 12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,006.84 | 153.99 |
| 26 27 16 00-0215 | EA | 12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,114.67 | 170.49 |
| 26 27 16 00-0216 | EA | 12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,228.02 | 188.09 |
| 26 27 16 00-0217 | EA | 12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,336.95 | 204.59 |
| 26 27 16 00-0218 | EA | 18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 580.64 | 107.79 |
| 26 27 16 00-0219 | EA | 24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 891.30 | 136.39 |
| 26 27 16 00-0220 | EA | 30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,054.93 | 140.79 |
| 26 27 16 00-0221 | EA | 36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,334.94 | 153.99 |
| 26 27 16 00-0222 | | 12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)* | | |
| 26 27 16 00-0223 | EA | 12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 864.06 | 108.90 |
| 26 27 16 00-0224 | EA | 12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 968.89 | 122.09 |
| 26 27 16 00-0225 | EA | 12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,072.63 | 135.29 |
| 26 27 16 00-0226 | EA | 12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,186.30 | 149.59 |
| 26 27 16 00-0227 | EA | 12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,291.12 | 162.79 |
| 26 27 16 00-0228 | EA | 18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 645.57 | 81.40 |
| 26 27 16 00-0229 | EA | 18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 864.06 | 108.90 |
| 26 27 16 00-0230 | EA | 18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 968.89 | 122.09 |
| 26 27 16 00-0231 | EA | 18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,140.55 | 142.99 |
| 26 27 16 00-0232 | EA | 18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,291.12 | 162.79 |
| 26 27 16 00-0233 | EA | 30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,227.26 | 160.59 |
| 26 27 16 00-0234 | EA | 36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,291.12 | 162.79 |
| 26 27 16 00-0235 | EA | 36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,359.96 | 167.19 |
| 26 27 16 00-0236 | EA | 36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,514.68 | 175.99 |
| 26 27 16 00-0237 | EA | 42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure | 1,642.67 | 184.79 |
| 26 27 16 00-0238 | | Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0193)* | | |
| 26 27 16 00-0239 | | 4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0238)* | | |
| 26 27 16 00-0240 | EA | 4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 64.68 | 17.60 |
| 26 27 16 00-0241 | EA | 6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 78.26 | 21.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 16 00-0242 | EA | 6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 86.41 | 24.20 |
| 26 27 16 00-0243 | EA | 8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 95.75 | 26.39 |
| 26 27 16 00-0244 | EA | 8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 111.22 | 30.80 |
| 26 27 16 00-0245 | EA | 10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 121.14 | 33.00 |
| 26 27 16 00-0246 | EA | 10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 131.92 | 35.20 |
| 26 27 16 00-0247 | EA | 12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 131.35 | 35.20 |
| 26 27 16 00-0248 | EA | 12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 143.45 | 37.40 |
| 26 27 16 00-0249 | EA | 12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 154.22 | 39.60 |
| 26 27 16 00-0250 | EA | 18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 233.21 | 61.60 |
| 26 27 16 00-0251 | EA | 18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 310.72 | 79.19 |
| **26 27 16 00-0252** | | **6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)* | | |
| 26 27 16 00-0253 | EA | 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 90.10 | 26.39 |
| 26 27 16 00-0254 | EA | 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 122.67 | 33.00 |
| 26 27 16 00-0255 | EA | 10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 138.97 | 37.40 |
| 26 27 16 00-0256 | EA | 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 150.52 | 39.60 |
| 26 27 16 00-0257 | EA | 12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 149.68 | 39.60 |
| 26 27 16 00-0258 | EA | 12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 161.92 | 41.80 |
| 26 27 16 00-0259 | EA | 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 174.26 | 44.00 |
| 26 27 16 00-0260 | EA | 16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 227.41 | 57.20 |
| 26 27 16 00-0261 | EA | 18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 262.04 | 68.20 |
| 26 27 16 00-0262 | EA | 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 349.36 | 87.99 |
| 26 27 16 00-0263 | EA | 24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 364.98 | 94.59 |
| 26 27 16 00-0264 | EA | 24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 416.48 | 101.20 |
| 26 27 16 00-0265 | EA | 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 468.72 | 109.99 |
| **26 27 16 00-0266** | | **8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)* | | |
| 26 27 16 00-0267 | EA | 12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 194.98 | 48.40 |
| 26 27 16 00-0268 | EA | 18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 282.84 | 74.79 |
| 26 27 16 00-0269 | EA | 18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 386.47 | 96.80 |
| 26 27 16 00-0270 | EA | 24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 460.85 | 112.19 |
| 26 27 16 00-0271 | EA | 24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 520.84 | 120.99 |
| 26 27 16 00-0272 | EA | 30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure | 577.97 | 127.59 |
| **26 27 16 00-0273** | | **10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)* | | |
| 26 27 16 00-0274 | EA | 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 426.47 | 107.79 |
| 26 27 16 00-0275 | EA | 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 573.06 | 136.39 |
| 26 27 16 00-0276 | EA | 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 627.85 | 140.79 |
| **26 27 16 00-0277** | | **12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)* | | |
| 26 27 16 00-0278 | EA | 24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 632.96 | 149.59 |
| 26 27 16 00-0279 | EA | 30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 877.19 | 162.79 |
| 26 27 16 00-0280 | EA | 36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 906.48 | 167.19 |
| 26 27 16 00-0281 | EA | 36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure | 1,058.28 | 175.99 |
| **26 27 16 00-0282** | | **NEMA 4 Enclosures, Lockable** *(26 27 16)* | | |
| | | Note: Water-tight enclosures. | | |
| **26 27 16 00-0283** | | **Hinge Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)* | | |
| 26 27 16 00-0284 | EA | 4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure | 110.95 | 15.40 |
| 26 27 16 00-0285 | EA | 6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure | 129.24 | 18.70 |
| 26 27 16 00-0286 | EA | 8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure | 161.45 | 24.20 |
| 26 27 16 00-0287 | EA | 6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure | 153.22 | 24.20 |
| 26 27 16 00-0288 | EA | 10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure | 204.55 | 33.00 |
| 26 27 16 00-0289 | EA | 12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure | 255.35 | 39.60 |
| 26 27 16 00-0290 | EA | 10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure | 235.61 | 37.40 |
| 26 27 16 00-0291 | EA | 12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure | 274.54 | 44.00 |
| 26 27 16 00-0292 | EA | 14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure | 323.45 | 50.59 |
| 26 27 16 00-0293 | EA | 16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure | 391.23 | 63.80 |
| **26 27 16 00-0294** | | **Clamp Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)* | | |
| 26 27 16 00-0295 | EA | 4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure | 101.38 | 15.40 |
| 26 27 16 00-0296 | EA | 6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure | 143.67 | 24.20 |
| **26 27 16 00-0297** | | **Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures** *(26 27 16 00-0282)* | | |
| 26 27 16 00-0298 | EA | 6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure | 126.71 | 21.12 |
| 26 27 16 00-0299 | EA | 8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure | 134.46 | 22.88 |
| 26 27 16 00-0300 | EA | 10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure | 164.42 | 29.92 |
| 26 27 16 00-0301 | EA | 12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure | 192.77 | 33.00 |
| 26 27 16 00-0302 | EA | 14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure | 249.79 | 41.80 |
| 26 27 16 00-0303 | EA | 16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure | 291.86 | 49.50 |
| 26 27 16 00-0304 | EA | 18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure | 407.61 | 79.19 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 27 16 00-0305** | | **NEMA 4X Enclosures, Lockable** *(26 27 16)*<br>Note: Water-tight enclosures. | | |
| **26 27 16 00-0306** | | **Clamp Cover, Aluminum NEMA 4X Enclosures** *(26 27 16 00-0305)* | | |
| 26 27 16 00-0307 | EA | 6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure | 225.43 | 17.60 |
| 26 27 16 00-0308 | EA | 6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure | 264.56 | 24.20 |
| 26 27 16 00-0309 | EA | 10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure | 334.51 | 33.00 |
| 26 27 16 00-0310 | EA | 12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure | 406.26 | 39.60 |
| 26 27 16 00-0311 | EA | 14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure | 500.25 | 50.59 |
| 26 27 16 00-0312 | EA | 16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure | 589.32 | 63.80 |
| **26 27 16 00-0313** | | **Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures** *(26 27 16 00-0305)* | | |
| 26 27 16 00-0314 | EA | 4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure | 276.30 | 15.40 |
| | | *For 316 Stainless Steel, Add* | *38.05* | |
| 26 27 16 00-0315 | EA | 6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure | 359.29 | 21.99 |
| | | *For 316 Stainless Steel, Add* | *48.69* | |
| 26 27 16 00-0316 | EA | 6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure | 407.17 | 24.20 |
| | | *For 316 Stainless Steel, Add* | *55.47* | |
| 26 27 16 00-0317 | EA | 8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure | 466.05 | 26.39 |
| | | *For 316 Stainless Steel, Add* | *64.01* | |
| 26 27 16 00-0318 | EA | 10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure | 572.37 | 33.00 |
| | | *For 316 Stainless Steel, Add* | *78.38* | |
| 26 27 16 00-0319 | EA | 12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure | 805.26 | 41.80 |
| | | *For 316 Stainless Steel, Add* | *112.12* | |
| 26 27 16 00-0320 | EA | 14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure | 1,003.94 | 50.59 |
| | | *For 316 Stainless Steel, Add* | *140.39* | |
| 26 27 16 00-0321 | EA | 16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure | 1,210.19 | 63.80 |
| | | *For 316 Stainless Steel, Add* | *168.11* | |
| **26 27 16 00-0322** | | **Screw Cover, Polycarbonate NEMA 4X Enclosures** *(26 27 16 00-0305)*<br>Note: NEMA 3R, 4, 4X and 12 rated. | | |
| 26 27 16 00-0323 | EA | 6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 132.55 | 24.20 |
| 26 27 16 00-0324 | EA | 8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 149.42 | 26.39 |
| 26 27 16 00-0325 | EA | 8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 170.86 | 30.80 |
| 26 27 16 00-0326 | EA | 10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 185.83 | 33.00 |
| 26 27 16 00-0327 | EA | 12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 214.84 | 37.40 |
| 26 27 16 00-0328 | EA | 10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 201.57 | 37.40 |
| 26 27 16 00-0329 | EA | 12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 235.26 | 41.80 |
| 26 27 16 00-0330 | EA | 14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 295.23 | 50.59 |
| 26 27 16 00-0331 | EA | 16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 376.11 | 69.30 |
| 26 27 16 00-0332 | EA | 18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 481.96 | 99.76 |
| 26 27 16 00-0333 | EA | 6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 142.98 | 24.20 |
| 26 27 16 00-0334 | EA | 8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 161.76 | 26.39 |
| 26 27 16 00-0335 | EA | 8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 184.13 | 30.80 |
| 26 27 16 00-0336 | EA | 10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 201.94 | 33.00 |
| 26 27 16 00-0337 | EA | 12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 231.91 | 37.40 |
| 26 27 16 00-0338 | EA | 10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 217.70 | 37.40 |
| 26 27 16 00-0339 | EA | 12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 257.13 | 41.80 |
| 26 27 16 00-0340 | EA | 14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 306.61 | 50.59 |
| 26 27 16 00-0341 | EA | 16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 399.82 | 69.30 |
| 26 27 16 00-0342 | EA | 18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 507.54 | 99.76 |
| **26 27 16 00-0343** | | **Hinged Cover, Polycarbonate NEMA 4X Enclosures** *(26 27 16 00-0305)*<br>Note: NEMA 3R, 4, 4X and 12 rated. | | |
| 26 27 16 00-0344 | EA | 6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 161.94 | 24.20 |
| 26 27 16 00-0345 | EA | 8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 173.13 | 26.39 |
| 26 27 16 00-0346 | EA | 8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 196.45 | 30.80 |
| 26 27 16 00-0347 | EA | 10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 212.37 | 33.00 |
| 26 27 16 00-0348 | EA | 12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 251.82 | 37.40 |
| 26 27 16 00-0349 | EA | 10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 230.97 | 37.40 |
| 26 27 16 00-0350 | EA | 12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 284.61 | 41.80 |
| 26 27 16 00-0351 | EA | 14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 337.90 | 50.59 |
| 26 27 16 00-0352 | EA | 16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 413.09 | 69.30 |
| 26 27 16 00-0353 | EA | 18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover | 530.30 | 99.76 |
| 26 27 16 00-0354 | EA | 6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 169.53 | 24.20 |
| 26 27 16 00-0355 | EA | 8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 187.34 | 26.39 |
| 26 27 16 00-0356 | EA | 8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 209.72 | 30.80 |
| 26 27 16 00-0357 | EA | 10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 226.58 | 33.00 |
| 26 27 16 00-0358 | EA | 12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 270.78 | 37.40 |
| 26 27 16 00-0359 | EA | 10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 247.07 | 37.40 |
| 26 27 16 00-0360 | EA | 12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 304.53 | 41.80 |
| 26 27 16 00-0361 | EA | 14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 347.38 | 50.59 |
| 26 27 16 00-0362 | EA | 16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 444.37 | 69.30 |
| 26 27 16 00-0363 | EA | 18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover | 563.48 | 99.76 |
| **26 27 16 00-0364** | | **NEMA 7/9 Enclosures, Lockable** *(26 27 16)*<br>Note: Nominal inside dimensions. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 27 16 00-0365** | | **4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)* | | |
| 26 27 16 00-0366 | EA | 6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 1,266.08 | 123.74 |
| | | *For Mounting Pan, Add* | *53.92* | |
| 26 27 16 00-0367 | EA | 6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 1,009.19 | 131.99 |
| | | *For Mounting Pan, Add* | *100.47* | |
| 26 27 16 00-0368 | EA | 8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 1,973.87 | 148.49 |
| | | *For Mounting Pan, Add* | *138.54* | |
| **26 27 16 00-0369** | | **6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)* | | |
| 26 27 16 00-0370 | EA | 8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 1,755.06 | 148.49 |
| | | *For Mounting Pan, Add* | *70.45* | |
| 26 27 16 00-0371 | EA | 8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 2,287.22 | 152.61 |
| | | *For Mounting Pan, Add* | *138.54* | |
| 26 27 16 00-0372 | EA | 8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 2,340.31 | 164.99 |
| | | *For Mounting Pan, Add* | *105.98* | |
| 26 27 16 00-0373 | EA | 10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 2,401.81 | 164.99 |
| | | *For Mounting Pan, Add* | *123.99* | |
| 26 27 16 00-0374 | EA | 10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 3,396.13 | 206.23 |
| | | *For Mounting Pan, Add* | *162.67* | |
| 26 27 16 00-0375 | EA | 12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 3,201.59 | 185.61 |
| | | *For Mounting Pan, Add* | *101.57* | |
| 26 27 16 00-0376 | EA | 12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 3,311.92 | 206.23 |
| | | *For Mounting Pan, Add* | *151.98* | |
| 26 27 16 00-0377 | EA | 12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 5,115.43 | 371.22 |
| | | *For Mounting Pan, Add* | *204.47* | |
| 26 27 16 00-0378 | EA | 14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 4,062.12 | 247.48 |
| | | *For Mounting Pan, Add* | *199.08* | |
| 26 27 16 00-0379 | EA | 16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 5,330.11 | 412.47 |
| | | *For Mounting Pan, Add* | *182.77* | |
| 26 27 16 00-0380 | EA | 18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 6,389.09 | 412.47 |
| | | *For Mounting Pan, Add* | *297.12* | |
| **26 27 16 00-0381** | | **8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)* | | |
| 26 27 16 00-0382 | EA | 8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 2,731.50 | 185.61 |
| | | *For Mounting Pan, Add* | *105.98* | |
| 26 27 16 00-0383 | EA | 10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 2,750.61 | 185.61 |
| | | *For Mounting Pan, Add* | *123.99* | |
| 26 27 16 00-0384 | EA | 10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 3,114.65 | 185.61 |
| | | *For Mounting Pan, Add* | *162.67* | |
| 26 27 16 00-0385 | EA | 12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 3,451.42 | 206.23 |
| | | *For Mounting Pan, Add* | *101.57* | |
| 26 27 16 00-0386 | EA | 12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 5,016.82 | 371.22 |
| | | *For Mounting Pan, Add* | *151.98* | |
| 26 27 16 00-0387 | EA | 12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 6,104.80 | 453.73 |
| | | *For Mounting Pan, Add* | *204.47* | |
| 26 27 16 00-0388 | EA | 12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 9,589.03 | 536.22 |
| | | *For Mounting Pan, Add* | *307.50* | |
| 26 27 16 00-0389 | EA | 14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 5,496.82 | 453.73 |
| | | *For Mounting Pan, Add* | *199.08* | |
| 26 27 16 00-0390 | EA | 16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 5,646.63 | 453.73 |
| | | *For Mounting Pan, Add* | *182.77* | |
| 26 27 16 00-0391 | EA | 16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 8,414.11 | 494.97 |
| | | *For Mounting Pan, Add* | *273.96* | |
| 26 27 16 00-0392 | EA | 18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 6,949.35 | 453.73 |
| | | *For Mounting Pan, Add* | *297.12* | |
| 26 27 16 00-0393 | EA | 18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 9,283.59 | 494.97 |
| | | *For Mounting Pan, Add* | *434.48* | |
| 26 27 16 00-0394 | EA | 18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 9,219.99 | 494.97 |
| | | *For Mounting Pan, Add* | *579.22* | |
| 26 27 16 00-0395 | EA | 18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 14,315.22 | 659.96 |
| | | *For Mounting Pan, Add* | *723.92* | |
| 26 27 16 00-0396 | EA | 24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 10,894.86 | 536.22 |
| | | *For Mounting Pan, Add* | *673.12* | |
| 26 27 16 00-0397 | EA | 24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 19,740.03 | 824.95 |
| | | *For Mounting Pan, Add* | *921.49* | |
| **26 27 16 00-0398** | | **10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)* | | |
| 26 27 16 00-0399 | EA | 12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 9,974.41 | 536.22 |
| | | *For Mounting Pan, Add* | *307.50* | |
| 26 27 16 00-0400 | EA | 16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 9,181.69 | 494.97 |
| | | *For Mounting Pan, Add* | *273.96* | |
| 26 27 16 00-0401 | EA | 18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 10,003.09 | 536.22 |
| | | *For Mounting Pan, Add* | *434.48* | |
| 26 27 16 00-0402 | EA | 18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 12,636.75 | 577.47 |
| | | *For Mounting Pan, Add* | *723.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 16 00-0403 | EA | 24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 11,181.20 | 577.47 |
| | | *For Mounting Pan, Add* | *673.12* | |
| 26 27 16 00-0404 | EA | 24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 21,505.47 | 824.95 |
| | | *For Mounting Pan, Add* | *921.49* | |
| 26 27 16 00-0405 | | 12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)* | | |
| 26 27 16 00-0406 | EA | 12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure | 6,242.25 | 453.73 |
| | | *For Mounting Pan, Add* | *204.47* | |
| 26 27 16 00-0407 | | Breaker Enclosures *(26 27 16)* | | |
| | | See CSI section 26 24 16 00-0001 for lighting and power panel boards. | | |
| 26 27 16 00-0408 | | 15 To 100 Amperes, F-Frame Breaker Enclosures *(26 27 16 00-0407)* | | |
| 26 27 16 00-0409 | EA | NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure | 353.99 | 87.99 |
| 26 27 16 00-0410 | EA | NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure | 646.89 | 87.99 |
| 26 27 16 00-0411 | EA | NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure | 1,589.70 | 120.99 |
| 26 27 16 00-0412 | EA | NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure | 2,153.22 | 131.99 |
| 26 27 16 00-0413 | EA | NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure | 1,572.13 | 131.99 |
| 26 27 16 00-0414 | EA | NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure | 557.50 | 120.99 |
| 26 27 16 00-0415 | | 15 To 250 Amperes, H Or J-Frame Breaker Enclosures *(26 27 16 00-0407)* | | |
| 26 27 16 00-0416 | EA | NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure | 564.08 | 120.99 |
| 26 27 16 00-0417 | EA | NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure | 1,033.11 | 120.99 |
| 26 27 16 00-0418 | EA | NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure | 3,514.80 | 153.99 |
| 26 27 16 00-0419 | EA | NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure | 856.10 | 153.99 |
| 26 27 16 00-0420 | | 125 To 400 Amperes, L-Frame Breaker Enclosures *(26 27 16 00-0407)* | | |
| 26 27 16 00-0421 | EA | NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure | 886.10 | 241.98 |
| 26 27 16 00-0422 | EA | NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure | 2,042.72 | 241.98 |
| 26 27 16 00-0423 | EA | NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure | 5,958.83 | 307.98 |
| 26 27 16 00-0424 | EA | NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure | 1,466.31 | 307.98 |
| 26 27 16 00-0425 | | 300 To 800 Amperes, M-Frame Breaker Enclosures *(26 27 16 00-0407)* | | |
| 26 27 16 00-0426 | EA | NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure | 1,734.89 | 461.97 |
| 26 27 16 00-0427 | EA | NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure | 2,957.35 | 461.97 |
| 26 27 16 00-0428 | EA | NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure | 10,723.54 | 593.96 |
| 26 27 16 00-0429 | EA | NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure | 5,819.59 | 593.96 |
| 26 27 16 00-0430 | | 250 To 1,200 Amperes, P-Frame Breaker Enclosures *(26 27 16 00-0407)* | | |
| 26 27 16 00-0431 | EA | NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure | 2,110.67 | 461.97 |
| 26 27 16 00-0432 | EA | NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure | 3,551.62 | 461.97 |
| 26 27 16 00-0433 | EA | NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure | 7,307.64 | 593.96 |
| 26 27 16 00-0434 | | Legend Plates *(26 27 16)* | | |
| 26 27 16 00-0435 | EA | 3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters | 18.94 | 5.50 |
| 26 27 16 00-0436 | EA | 3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters | 21.26 | 5.50 |
| **26 27 19** | | **Multi-Outlet Assemblies** *(26 27)* | | |
| 26 27 19 00-0001 | | Surface Metal Raceway, Preassembled With Outlets *(26 27 19)* | | |
| | | Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal). | | |
| 26 27 19 00-0002 | LF | Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center | 27.41 | 8.03 |
| | | *For Concrete Or Masonry Surface, Add* | *0.80* | |
| 26 27 19 00-0003 | LF | Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center | 21.32 | 5.72 |
| | | *For Concrete Or Masonry Surface, Add* | *0.58* | |
| 26 27 19 00-0004 | LF | Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center | 19.98 | 6.04 |
| | | *For Concrete Or Masonry Surface, Add* | *0.60* | |
| 26 27 19 00-0005 | LF | Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center | 22.17 | 5.72 |
| | | *For Concrete Or Masonry Surface, Add* | *0.58* | |
| 26 27 19 00-0006 | LF | Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center | 17.80 | 5.83 |
| | | *For Concrete Or Masonry Surface, Add* | *0.58* | |
| 26 27 19 00-0007 | LF | Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center | 24.94 | 5.72 |
| | | *For Concrete Or Masonry Surface, Add* | *0.58* | |
| 26 27 19 00-0008 | LF | Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center | 21.91 | 5.72 |
| | | *For Concrete Or Masonry Surface, Add* | *0.58* | |
| 26 27 19 00-0009 | LF | Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center | 23.74 | 5.72 |
| | | *For Concrete Or Masonry Surface, Add* | *0.58* | |
| **26 27 23** | | **Indoor Service Poles** *(26 27)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 23 00-0001 | | **Communication And Power Poles** *(26 27 23)*<br>Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series. | | |
| 26 27 23 00-0002 | | **Steel Communication And Power Poles** *(26 27 23 00-0001)* | | |
| 26 27 23 00-0003 | | **2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)* | | |
| 26 27 23 00-0004 | | **2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0003)* | | |
| 26 27 23 00-0005 | EA | 2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole | 272.23 | 48.74 |
| 26 27 23 00-0006 | EA | 2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole | 294.93 | 48.74 |
| 26 27 23 00-0007 | EA | 2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole | 321.19 | 48.74 |
| 26 27 23 00-0008 | | **Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0003)*<br>Note: Excludes receptacles, communication jacks and wiring. | | |
| 26 27 23 00-0009 | EA | Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle | 55.75 | 10.05 |
| 26 27 23 00-0010 | EA | Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles | 48.58 | 10.05 |
| 26 27 23 00-0011 | EA | Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle | 54.76 | 10.05 |
| 26 27 23 00-0012 | EA | Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices | 41.07 | 10.05 |
| 26 27 23 00-0013 | EA | Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting | 34.16 | 10.05 |
| 26 27 23 00-0014 | | **2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)* | | |
| 26 27 23 00-0015 | | **2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0014)* | | |
| 26 27 23 00-0016 | EA | 2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole | 350.09 | 48.74 |
| 26 27 23 00-0017 | EA | 2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole | 398.88 | 48.74 |
| 26 27 23 00-0018 | EA | 2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole | 425.21 | 48.74 |
| 26 27 23 00-0019 | | **Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0014)*<br>Note: Excludes receptacles and communication jacks. | | |
| 26 27 23 00-0020 | EA | Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle | 38.02 | 10.05 |
| 26 27 23 00-0021 | EA | Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle | 34.37 | 10.05 |
| 26 27 23 00-0022 | EA | Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices | 36.98 | 10.05 |
| 26 27 23 00-0023 | | **3" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)* | | |
| 26 27 23 00-0024 | | **3" Width, Steel Communication And Power Poles** *(26 27 23 00-0023)* | | |
| 26 27 23 00-0025 | EA | 3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole | 453.49 | 48.74 |
| 26 27 23 00-0026 | EA | 3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole | 512.22 | 48.74 |
| 26 27 23 00-0027 | EA | 3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole | 550.94 | 48.74 |
| 26 27 23 00-0028 | | **Additional Cover Plates For 3" Width, Steel Communication And Power Poles** *(26 27 23 00-0023)*<br>Note: Excludes receptacles and communication jacks. | | |
| 26 27 23 00-0029 | EA | Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle | 38.02 | 10.05 |
| 26 27 23 00-0030 | EA | Add-On 3" Width Steel Cover Plate For One Duplex Receptacle | 34.37 | 10.05 |
| 26 27 23 00-0031 | EA | Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices | 36.98 | 10.05 |
| 26 27 23 00-0032 | | **Aluminum Communication And Power Poles** *(26 27 23 00-0001)* | | |
| 26 27 23 00-0033 | | **2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0032)* | | |
| 26 27 23 00-0034 | | **2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0033)* | | |
| 26 27 23 00-0035 | EA | 2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 365.37 | 48.74 |
| 26 27 23 00-0036 | EA | 2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 406.43 | 48.74 |
| 26 27 23 00-0037 | EA | 2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 452.46 | 48.74 |
| 26 27 23 00-0038 | | **Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0033)* | | |
| 26 27 23 00-0039 | EA | Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle | 57.15 | 10.05 |
| 26 27 23 00-0040 | EA | Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles | 58.31 | 10.05 |
| 26 27 23 00-0041 | EA | Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle | 62.17 | 10.05 |
| 26 27 23 00-0042 | EA | Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices | 43.23 | 10.05 |
| 26 27 23 00-0043 | EA | Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting | 34.16 | 10.05 |
| 26 27 23 00-0044 | | **2-1/4" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0032)* | | |
| 26 27 23 00-0045 | EA | 2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 352.54 | 48.74 |
| 26 27 23 00-0046 | EA | 2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 394.66 | 48.74 |
| 26 27 23 00-0047 | EA | 2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 444.28 | 48.74 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 27 23 00-0048** | | **5" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0032)* | | |
| 26 27 23 00-0049 | EA | 5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 727.68 | 48.74 |
| 26 27 23 00-0050 | EA | 5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 830.97 | 48.74 |
| 26 27 23 00-0051 | EA | 5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 946.66 | 48.74 |
| **26 27 23 00-0052** | | **2" Diameter, Round Aluminum Communication And Power Pole** *(26 27 23 00-0032)* | | |
| 26 27 23 00-0053 | EA | 2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole | 399.61 | 48.74 |
| 26 27 23 00-0054 | EA | 2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole | 378.80 | 48.74 |
| 26 27 23 00-0055 | EA | 2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole | 482.69 | 48.74 |

## 26 27 26 Wiring Devices *(26 27)*

Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.

| | | | | |
|---|---|---|---|---|
| **26 27 26 00-0001** | | **Receptacles** *(26 27 26)* | | |
| **26 27 26 00-0002** | | **General Use Receptacles** *(26 27 26 00-0001)* | | |
| **26 27 26 00-0003** | | **Receptacle Assemblies** *(26 27 26 00-0002)* | | |
| | | Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate. | | |
| 26 27 26 00-0004 | EA | 15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly | 94.87 | 39.05 |
| 26 27 26 00-0005 | EA | 20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly | 101.53 | 41.80 |
| 26 27 26 00-0006 | EA | 15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly | 121.70 | 50.04 |
| 26 27 26 00-0007 | EA | 20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly | 135.03 | 55.55 |
| 26 27 26 00-0008 | EA | 15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly | 110.64 | 39.05 |
| 26 27 26 00-0009 | EA | 20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly | 118.14 | 41.80 |
| **26 27 26 00-0010** | | **Receptacle Components** *(26 27 26 00-0002)* | | |
| 26 27 26 00-0011 | EA | 15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle | 26.30 | 11.00 |
| 26 27 26 00-0012 | EA | 15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle | 25.37 | 11.00 |
| 26 27 26 00-0013 | EA | 15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle | 30.80 | 11.00 |
| 26 27 26 00-0014 | EA | 15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle | 33.94 | 11.00 |
| 26 27 26 00-0015 | EA | 15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle | 43.45 | 13.75 |
| 26 27 26 00-0016 | EA | 15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle | 53.75 | 13.75 |
| 26 27 26 00-0017 | EA | 20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle | 27.50 | 11.00 |
| 26 27 26 00-0018 | EA | 20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle | 26.54 | 11.00 |
| 26 27 26 00-0019 | EA | 20 Amperes, 120/277 Volt, Single Receptacle | 40.68 | 11.00 |
| 26 27 26 00-0020 | EA | 20 Amperes, 120/277 Volt, Duplex Receptacle | 32.95 | 11.00 |
| 26 27 26 00-0021 | EA | 20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle | 43.45 | 13.75 |
| 26 27 26 00-0022 | EA | 20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle | 53.75 | 13.75 |
| 26 27 26 00-0023 | EA | 20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle | 86.81 | 13.75 |
| 26 27 26 00-0024 | EA | 20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle | 86.81 | 13.75 |
| 26 27 26 00-0025 | EA | 25 Amperes, 120/277 Volt, Duplex Receptacle | 71.09 | 16.50 |
| **26 27 26 00-0026** | | **Specialty Receptacles** *(26 27 26 00-0001)* | | |
| **26 27 26 00-0027** | | **Specialty Receptacles** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0028 | EA | 30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle | 61.88 | 19.25 |
| 26 27 26 00-0029 | EA | 30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle | 61.88 | 19.25 |
| 26 27 26 00-0030 | EA | 30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles | 74.92 | 19.25 |
| 26 27 26 00-0031 | EA | 30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle | 97.80 | 19.25 |
| 26 27 26 00-0032 | EA | 30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle | 103.31 | 21.99 |
| 26 27 26 00-0033 | EA | 50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle | 94.74 | 21.99 |
| 26 27 26 00-0034 | EA | 50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle | 92.33 | 21.99 |
| 26 27 26 00-0035 | EA | 50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle | 79.87 | 21.99 |
| 26 27 26 00-0036 | EA | 50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle | 90.65 | 21.99 |
| 26 27 26 00-0037 | EA | 50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle | 116.49 | 21.99 |
| 26 27 26 00-0038 | EA | 50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle | 121.99 | 24.75 |
| 26 27 26 00-0039 | EA | 60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle | 134.07 | 27.50 |
| 26 27 26 00-0040 | EA | 60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle | 145.07 | 33.00 |
| 26 27 26 00-0041 | EA | 100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete | 1,397.05 | 258.48 |
| 26 27 26 00-0042 | EA | 400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete | 3,547.78 | 316.23 |
| 26 27 26 00-0043 | EA | 30 Amperes, 230 Volt, Dryer Receptacle | 74.25 | 21.99 |
| 26 27 26 00-0044 | EA | 60 Amperes, 230 Volt, Range Receptacle | 108.36 | 33.00 |
| 26 27 26 00-0045 | EA | 15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle | 72.53 | 13.75 |
| 26 27 26 00-0046 | EA | Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete | 1,440.07 | 334.92 |
| **26 27 26 00-0047** | | **Isolated Ground Receptacles** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0048 | EA | 15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex<br>Note: 2 Pole, 3 wire. | 82.93 | 11.00 |
| 26 27 26 00-0049 | EA | 20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex | 60.80 | 13.75 |
| 26 27 26 00-0050 | EA | 20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex | 60.56 | 13.75 |
| 26 27 26 00-0051 | EA | 30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex | 83.01 | 21.99 |
| 26 27 26 00-0052 | EA | Locking 15 Amperes, 250 Volt Isolated Ground Receptacles | 68.73 | 13.75 |
| 26 27 26 00-0053 | EA | Locking 15 Amperes, 277 Volt Isolated Ground Receptacles | 62.56 | 13.75 |
| 26 27 26 00-0054 | EA | Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles | 87.37 | 16.50 |
| 26 27 26 00-0055 | EA | Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles | 68.15 | 16.50 |
| 26 27 26 00-0056 | EA | Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles | 89.65 | 16.50 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 26 00-0057 | EA | Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles | 110.61 | 16.50 |
| 26 27 26 00-0058 | EA | Locking 30 Amperes, 277 Volt Isolated Ground Receptacles | 106.83 | 21.99 |
| **26 27 26 00-0059** | | **Explosion Proof Receptacles** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0060 | EA | 1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly | 836.27 | 27.50 |
| 26 27 26 00-0061 | EA | 3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly | 770.30 | 30.24 |
| 26 27 26 00-0062 | EA | 3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly | 1,280.47 | 54.99 |
| 26 27 26 00-0063 | EA | 3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly | 1,613.61 | 54.99 |
| 26 27 26 00-0064 | EA | 1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly | 2,041.23 | 82.49 |
| 26 27 26 00-0065 | EA | 1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly | 1,944.79 | 82.49 |
| **26 27 26 00-0066** | | **Ground Fault Circuit Interrupter (GFCI)** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0067 | EA | 15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle | 38.41 | 13.75 |
| 26 27 26 00-0068 | EA | 20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle | 54.16 | 16.50 |
| 26 27 26 00-0069 | EA | 15 Amperes, 120 Volt, Ground Fault Circuit Interrupter (GFCI), Weatherproof Duplex Receptacle | 41.15 | 18.73 |
| 26 27 26 00-0070 | EA | 20 Amperes, 120 Volt, Ground Fault Circuit Interrupter (GFCI), Weatherproof Duplex Receptacle | 70.34 | 21.99 |
| **26 27 26 00-0071** | | **Arc Fault Circuit Interrupter (AFCI)** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0072 | EA | 15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle | 72.82 | 13.75 |
| 26 27 26 00-0073 | EA | 20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle | 80.47 | 13.75 |
| **26 27 26 00-0074** | | **Locking Receptacle** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0075 | EA | NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle | 50.41 | 13.75 |
| 26 27 26 00-0076 | EA | NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle | 62.30 | 13.75 |
| 26 27 26 00-0077 | EA | NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle | 55.77 | 16.50 |
| 26 27 26 00-0078 | EA | NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle | 55.25 | 16.50 |
| 26 27 26 00-0079 | EA | NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle | 65.70 | 16.50 |
| 26 27 26 00-0080 | EA | NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle | 79.22 | 16.50 |
| 26 27 26 00-0081 | EA | NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle | 77.73 | 16.50 |
| 26 27 26 00-0082 | EA | NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle | 67.85 | 16.50 |
| 26 27 26 00-0083 | EA | NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle | 77.06 | 21.99 |
| 26 27 26 00-0084 | EA | NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking, Receptacle | 78.32 | 21.99 |
| 26 27 26 00-0085 | EA | NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle | 115.32 | 21.99 |
| **26 27 26 00-0086** | | **Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0087 | EA | 20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W) | 265.05 | 54.99 |
| 26 27 26 00-0088 | EA | 20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W) | 264.41 | 54.99 |
| 26 27 26 00-0089 | EA | 20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W) | 276.50 | 54.99 |
| 26 27 26 00-0090 | EA | 20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W) | 338.79 | 60.50 |
| 26 27 26 00-0091 | EA | 20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W) | 339.80 | 60.50 |
| 26 27 26 00-0092 | EA | 20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W) | 337.47 | 60.50 |
| 26 27 26 00-0093 | EA | 30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W) | 405.55 | 67.64 |
| 26 27 26 00-0094 | EA | 30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W) | 385.88 | 67.64 |
| 26 27 26 00-0095 | EA | 30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W) | 416.67 | 67.64 |
| 26 27 26 00-0096 | EA | 30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W) | 419.57 | 74.24 |
| 26 27 26 00-0097 | EA | 30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W) | 419.19 | 74.24 |
| 26 27 26 00-0098 | EA | 30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W) | 421.98 | 74.24 |
| 26 27 26 00-0099 | EA | 60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W) | 593.87 | 87.99 |
| 26 27 26 00-0100 | EA | 60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W) | 570.06 | 87.99 |
| 26 27 26 00-0101 | EA | 60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W) | 585.56 | 87.99 |
| 26 27 26 00-0102 | EA | 60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W) | 652.12 | 97.90 |
| 26 27 26 00-0103 | EA | 60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W) | 652.58 | 97.90 |
| 26 27 26 00-0104 | EA | 60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W) | 653.04 | 97.90 |
| 26 27 26 00-0105 | EA | 100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W) | 725.61 | 109.99 |
| 26 27 26 00-0106 | EA | 100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W) | 756.14 | 109.99 |
| 26 27 26 00-0107 | EA | 100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W) | 812.90 | 120.99 |
| 26 27 26 00-0108 | EA | 100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W) | 810.61 | 120.99 |
| 26 27 26 00-0109 | EA | 100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W) | 814.92 | 120.99 |
| **26 27 26 00-0110** | | **Corrosion Resistant Receptacle** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0111 | EA | 15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles | 77.00 | 11.00 |
| 26 27 26 00-0112 | EA | 15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles | 157.48 | 13.75 |
| **26 27 26 00-0113** | | **Tamper Resistant Receptacle** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0114 | EA | 15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle<br>Note: Pass & Seymour 3232-TR. | 27.09 | 11.00 |
| 26 27 26 00-0115 | EA | 20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle<br>Note: Pass & Seymour TR20. | 29.71 | 11.00 |
| 26 27 26 00-0116 | EA | 15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle<br>Note: Pass & Seymour TR5251. | 37.24 | 11.00 |
| 26 27 26 00-0117 | EA | 20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle<br>Note: Pass & Seymour TR5351. | 40.77 | 11.00 |
| 26 27 26 00-0118 | EA | 15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle<br>Note: Pass & Seymour S1595-TR*CC8. | 61.99 | 11.00 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 26 00-0119 | EA | 15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle | 67.05 | 11.00 |
| | | Note: Pass & Seymour 1595-TRS. | | |
| 26 27 26 00-0120 | EA | 20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle | 71.87 | 11.00 |
| | | Note: Pass & Seymour 2095-TRS. | | |
| **26 27 26 00-0121** | | **USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0026)* | | |
| 26 27 26 00-0122 | EA | 15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle | 63.88 | 11.00 |
| 26 27 26 00-0123 | EA | 20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle | 69.11 | 11.00 |
| **26 27 26 00-0124** | | **Television Receptacle** *(26 27 26 00-0001)* | | |
| 26 27 26 00-0125 | EA | TV Receptacle With Cover (Type F), Complete | 74.20 | 25.52 |
| **26 27 26 00-0126** | | **Switches** *(26 27 26)* | | |
| **26 27 26 00-0127** | | **Switches** *(26 27 26 00-0126)* | | |
| **26 27 26 00-0128** | | **Switch Assemblies** *(26 27 26 00-0127)* | | |
| | | Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate. | | |
| 26 27 26 00-0129 | EA | 1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly | 98.85 | 38.49 |
| 26 27 26 00-0130 | EA | 1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly | 106.01 | 41.80 |
| 26 27 26 00-0131 | EA | 2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly | 132.40 | 50.32 |
| 26 27 26 00-0132 | EA | 2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly | 144.53 | 55.83 |
| 26 27 26 00-0133 | EA | 3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly | 227.38 | 86.34 |
| 26 27 26 00-0134 | EA | 3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly | 245.60 | 94.59 |
| 26 27 26 00-0135 | EA | 4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly | 261.03 | 97.62 |
| 26 27 26 00-0136 | EA | 4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly | 285.32 | 108.61 |
| **26 27 26 00-0137** | | **Switch Components** *(26 27 26 00-0127)* | | |
| 26 27 26 00-0138 | EA | 15 Amperes, 120/277 Volt, SPST Switch | 30.45 | 11.00 |
| 26 27 26 00-0139 | EA | 15 Amperes, 120/277 Volt, 3-Way Switch | 38.62 | 13.75 |
| 26 27 26 00-0140 | EA | 15 Amperes, 120/277 Volt, 4-Way Switch | 76.25 | 21.99 |
| 26 27 26 00-0141 | EA | 15 Amperes, 120/277 Volt, DPST Switch | 35.37 | 11.00 |
| 26 27 26 00-0142 | EA | 15 Amperes, 120/277 Volt, Thermal Switch | 69.55 | 13.75 |
| 26 27 26 00-0143 | EA | 20 Amperes, 120/277 Volt, SPST Switch | 36.53 | 13.75 |
| 26 27 26 00-0144 | EA | 20 Amperes, 120/277 Volt, 3-Way Switch | 45.35 | 16.50 |
| 26 27 26 00-0145 | EA | 20 Amperes, 120/277 Volt, 4-Way Switch | 105.51 | 21.99 |
| 26 27 26 00-0146 | EA | 20 Amperes, 120/277 Volt, DPST Switch | 44.41 | 13.75 |
| 26 27 26 00-0147 | EA | 20 Amperes, 120/277 Volt, DPDT Switch | 47.91 | 13.75 |
| 26 27 26 00-0148 | EA | 15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch | 76.37 | 13.78 |
| 26 27 26 00-0149 | EA | 15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch | 96.34 | 13.78 |
| 26 27 26 00-0150 | EA | Momentary Contact Switch With Separate Neon Pilot | 73.41 | 16.53 |
| | | Note: Neon Pilot is 125 V, 1 / 125W. | | |
| 26 27 26 00-0151 | EA | 20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off | 56.01 | 19.25 |
| | | Note: Or 250 VAC 10 Amp, double throw BAT handle. | | |
| 26 27 26 00-0152 | EA | 20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch | 69.52 | 21.99 |
| | | Note: Or 250 VAC 10 Amp, with center off double throw BAT handle. | | |
| 26 27 26 00-0153 | EA | 20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch | 105.58 | 21.99 |
| | | Note: Or 250 VAC 10 Amp, with center off double throw BAT handle. | | |
| 26 27 26 00-0154 | EA | 30 Amperes, 120/277 Volt, Single Pole, Local Switch | 76.55 | 22.03 |
| 26 27 26 00-0155 | EA | 30 Amperes, 120/277 Volt, Double Pole, Local Switch | 94.50 | 22.03 |
| 26 27 26 00-0156 | EA | 30 Amperes, 120/277 Volt, Three-Way Local Switch | 98.71 | 27.55 |
| 26 27 26 00-0157 | EA | 30 Amperes, 120/277 Volt, Four-Way Local Switch | 138.02 | 30.30 |
| 26 27 26 00-0158 | EA | 15 Amperes, 120/277 Volt, Local Switch With Neon Pilot | 65.54 | 18.02 |
| 26 27 26 00-0159 | EA | 15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot | 92.91 | 18.02 |
| | | Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation. | | |
| 26 27 26 00-0160 | EA | 15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch | 81.11 | 18.02 |
| 26 27 26 00-0161 | EA | 15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch | 77.05 | 18.02 |
| 26 27 26 00-0162 | EA | 6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch | 85.85 | 8.93 |
| 26 27 26 00-0163 | EA | 6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch | 91.35 | 8.93 |
| 26 27 26 00-0164 | EA | 15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch | 96.97 | 34.38 |
| 26 27 26 00-0165 | EA | Three Position, Center Off, Key Operated, Momentary Contact Switch | 116.94 | 34.38 |
| | | Note: 15A, 120/277 V, Single Pole | | |
| 26 27 26 00-0166 | EA | Single Pole, Slide Dimmer (Leviton IP710-LFZ) | 139.99 | 11.02 |
| 26 27 26 00-0167 | EA | 8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH) | 90.41 | 11.02 |
| 26 27 26 00-0168 | EA | 120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH) | 236.96 | 11.00 |
| 26 27 26 00-0169 | EA | 120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH) | 47.77 | 11.00 |
| 26 27 26 00-0170 | EA | 1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV) | 96.73 | 11.02 |
| 26 27 26 00-0171 | EA | 1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000) | 111.87 | 11.02 |
| 26 27 26 00-0172 | EA | 2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000) | 144.89 | 11.02 |
| 26 27 26 00-0173 | EA | Wireless Single Rocker Remote Switch (Leviton WSS0S-S9) | 144.15 | 11.02 |
| **26 27 26 00-0174** | | **Specialty Switches** *(26 27 26 00-0126)* | | |
| **26 27 26 00-0175** | | **Dimmers With SPST Switch** *(26 27 26 00-0174)* | | |
| 26 27 26 00-0176 | EA | 600 Watt Dimmers With SPST Switch | 67.77 | 24.75 |
| 26 27 26 00-0177 | EA | 1,000 Watt Dimmers With SPST Switch | 124.83 | 24.75 |
| 26 27 26 00-0178 | EA | 1,500 Watt Dimmers With SPST Switch | 226.99 | 39.82 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 26 00-0179 | EA | 2,000 Watt Dimmers With SPST Switch | 299.78 | 39.82 |
| 26 27 26 00-0180 | EA | 600 Watt Fluorescent Dimmer Switch | 163.63 | 29.37 |
| 26 27 26 00-0181 | EA | 1,000 Watt Fluorescent Dimmer Switch | 226.27 | 29.37 |
| 26 27 26 00-0182 | EA | 1,500 Watt Fluorescent Dimmer Switch | 413.62 | 44.33 |
| 26 27 26 00-0183 | EA | Remote Speed Switch For Paddle Fan | 113.57 | 36.63 |
| 26 27 26 00-0184 | EA | 600 Watt Combination Remote Speed Switch/Incandescent Dimmer | 189.97 | 54.66 |
| **26 27 26 00-0185** | | **Time Switches** *(26 27 26 00-0174)* | | |
| 26 27 26 00-0186 | EA | 40 Amperes, 125 Volt, SPST, Standard Time Switch | 131.89 | 33.00 |
| 26 27 26 00-0187 | EA | 40 Amperes, 277 Volt, SPST, Standard Time Switch | 135.19 | 33.00 |
| 26 27 26 00-0188 | EA | 40 Amperes, 125 Volt, DPST, Standard Time Switch | 131.89 | 33.00 |
| 26 27 26 00-0189 | EA | 40 Amperes, 277 Volt, DPST, Standard Time Switch | 135.19 | 33.00 |
| 26 27 26 00-0190 | EA | 40 Amperes, 125 Volt, SPST, 7-Day Time Switch | 153.86 | 33.00 |
| 26 27 26 00-0191 | EA | 40 Amperes, 277 Volt, SPST, 7-Day Time Switch | 153.86 | 33.00 |
| 26 27 26 00-0192 | EA | 40 Amperes, 125 Volt, DPDT, 7-Day Time Switch | 283.46 | 33.00 |
| 26 27 26 00-0193 | EA | 40 Amperes, 277 Volt, DPDT, 7-Day Time Switch | 283.46 | 33.00 |
| 26 27 26 00-0194 | EA | 20 Amperes, 125 Volt, SPST, Programmable Time Switch | 241.88 | 33.00 |
| 26 27 26 00-0195 | EA | 20 Amperes, 277 Volt, SPST, Programmable Time Switch | 267.27 | 33.00 |
| 26 27 26 00-0196 | EA | 20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch | 267.27 | 33.00 |
| 26 27 26 00-0197 | EA | 40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch | 327.29 | 33.00 |
| 26 27 26 00-0198 | EA | 40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch | 337.39 | 33.00 |
| 26 27 26 00-0199 | EA | 40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch | 131.89 | 33.00 |
| 26 27 26 00-0200 | EA | 40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch | 135.19 | 33.00 |
| 26 27 26 00-0201 | EA | 40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch | 131.89 | 33.00 |
| 26 27 26 00-0202 | EA | 40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch | 135.19 | 33.00 |
| 26 27 26 00-0203 | EA | 40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch | 153.86 | 33.00 |
| 26 27 26 00-0204 | EA | 40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch | 153.86 | 33.00 |
| 26 27 26 00-0205 | EA | 40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch | 283.46 | 33.00 |
| 26 27 26 00-0206 | EA | 40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch | 283.46 | 33.00 |
| 26 27 26 00-0207 | EA | 40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch | 327.29 | 33.00 |
| 26 27 26 00-0208 | EA | 40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch | 337.39 | 33.00 |
| **26 27 26 00-0209** | | **Low Voltage Switching** *(26 27 26 00-0174)* | | |
| 26 27 26 00-0210 | EA | 36 Pin Male Or Female Connector | 235.05 | 11.00 |
| **26 27 26 00-0211** | | **Other Switches** *(26 27 26 00-0174)* | | |
| 26 27 26 00-0212 | EA | Pull Chain Switch 120/277 Volt AC Installed In Light Fixture | 37.07 | 16.50 |
| 26 27 26 00-0213 | EA | SPST Locking Switch For Concealed Devices | 116.31 | 44.00 |
| 26 27 26 00-0214 | EA | 3-Way Locking Switch For Concealed Devices | 118.08 | 44.00 |
| 26 27 26 00-0215 | EA | Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard | 132.47 | 41.14 |
| 26 27 26 00-0216 | EA | 15 Amperes Momentary Contact Switch | 125.27 | 41.14 |
| 26 27 26 00-0217 | EA | 20 Amperes Momentary Contact Switch | 132.85 | 41.14 |
| 26 27 26 00-0218 | EA | 2-1/4" Handy Box Cover Units Fuseholder Switch | 120.30 | 49.59 |
| 26 27 26 00-0219 | EA | 2-3/4" Handy Box Cover Units Fuseholder Switch | 122.42 | 49.59 |
| 26 27 26 00-0220 | EA | 4" Square Box Cover Units With 2 Fuseholders And 2 Switches | 150.80 | 60.61 |
| 26 27 26 00-0221 | EA | 4" Square Box Cover Units With 1 Fuseholder And 1 Switch | 137.14 | 55.09 |
| 26 27 26 00-0222 | EA | 4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch | 137.67 | 55.09 |
| **26 27 26 00-0223** | | **Plates And Covers** *(26 27 26)* | | |
| **26 27 26 00-0224** | | **Wall Plates** *(26 27 26 00-0223)* | | |
| **26 27 26 00-0225** | | **Nylon Wall Plates** *(26 27 26 00-0224)* | | |
| 26 27 26 00-0226 | EA | 1 Gang Nylon Switch Wall Plates | 1.75 | 0.55 |
| 26 27 26 00-0227 | EA | 2 Gang Nylon Switch Wall Plates | 2.97 | 0.82 |
| 26 27 26 00-0228 | EA | 3 Gang Nylon Switch Wall Plates | 4.21 | 1.10 |
| 26 27 26 00-0229 | EA | 4 Gang Nylon Switch Wall Plate | 6.07 | 1.38 |
| 26 27 26 00-0230 | EA | 1 Gang Duplex Nylon Wall Plate | 1.77 | 0.55 |
| 26 27 26 00-0231 | EA | 2 Gang Duplex Nylon Wall Plate | 3.05 | 0.82 |
| **26 27 26 00-0232** | | **Plastic Wall Plates** *(26 27 26 00-0224)* | | |
| 26 27 26 00-0233 | EA | 1 Gang Plastic Switch Wall Plates | 1.62 | 0.55 |
| 26 27 26 00-0234 | EA | 2 Gang Plastic Switch Wall Plates | 2.71 | 0.82 |
| 26 27 26 00-0235 | EA | 3 Gang Plastic Switch Wall Plates | 3.79 | 1.10 |
| 26 27 26 00-0236 | EA | 4 Gang Plastic Switch Wall Plates | 6.07 | 1.38 |
| 26 27 26 00-0237 | EA | 1 Gang Duplex Plastic Wall Plate | 1.62 | 0.55 |
| 26 27 26 00-0238 | EA | 2 Gang Duplex Plastic Wall Plate | 2.72 | 0.82 |
| **26 27 26 00-0239** | | **Brass Wall Plates** *(26 27 26 00-0224)* | | |
| 26 27 26 00-0240 | EA | 1 Gang, 0.04" Brass Switch Wall Plates | 17.28 | 2.48 |
| 26 27 26 00-0241 | EA | 2 Gang, 0.04" Brass Switch Wall Plates | 32.46 | 2.86 |
| 26 27 26 00-0242 | EA | 3 Gang, 0.04" Brass Switch Wall Plates | 47.54 | 3.19 |
| 26 27 26 00-0243 | EA | 4 Gang, 0.04" Brass Switch Wall Plates | 74.04 | 3.47 |
| 26 27 26 00-0244 | EA | 5 Gang, 0.04" Brass Switch Wall Plates | 90.20 | 3.70 |
| 26 27 26 00-0245 | EA | 6 Gang, 0.04" Brass Switch Wall Plates | 104.42 | 3.86 |
| 26 27 26 00-0246 | EA | 1 Gang, 0.04" Brass Duplex Receptacle Wall Plate | 17.28 | 2.48 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 26 00-0247 | EA | 2 Gang, 0.04" Brass Duplex Receptacle Wall Plate | 38.07 | 2.86 |
| 26 27 26 00-0248 | EA | 3 Gang 0.04" Brass Duplex Receptacle Wall Plate | 54.93 | 3.19 |
| **26 27 26 00-0249** | | **Stainless Steel Wall Plates** *(26 27 26 00-0224)* | | |
| 26 27 26 00-0250 | EA | 1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates | 9.18 | 2.48 |
| 26 27 26 00-0251 | EA | 2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates | 14.77 | 2.86 |
| 26 27 26 00-0252 | EA | 3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates | 20.67 | 3.19 |
| 26 27 26 00-0253 | EA | 4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates | 30.40 | 3.47 |
| 26 27 26 00-0254 | EA | 5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates | 35.82 | 3.70 |
| 26 27 26 00-0255 | EA | 6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates | 43.36 | 3.86 |
| 26 27 26 00-0256 | EA | 1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate | 10.07 | 2.48 |
| 26 27 26 00-0257 | EA | 2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate | 16.87 | 2.86 |
| 26 27 26 00-0258 | EA | 3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate | 27.62 | 3.19 |
| 26 27 26 00-0259 | EA | 4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate | 33.41 | 3.47 |
| **26 27 26 00-0260** | | **Chrome Wall Plates** *(26 27 26 00-0224)* | | |
| 26 27 26 00-0261 | EA | 1 Gang, 0.040" Chrome Switch Wall Plate | 34.71 | 2.48 |
| 26 27 26 00-0262 | EA | 2 Gang 0.040" Chrome Switch Wall Plate | 65.12 | 2.86 |
| 26 27 26 00-0263 | EA | 3 Gang 0.040" Chrome Switch Wall Plate | 95.50 | 3.19 |
| 26 27 26 00-0264 | EA | 1 Gang 0.040" Chrome Duplex Receptacle Wall Plate | 34.68 | 2.48 |
| **26 27 26 00-0265** | | **Weatherproof Covers** *(26 27 26 00-0223)* | | |
| **26 27 26 00-0266** | | **Stamped Metallic Weatherproof Covers** *(26 27 26 00-0265)* | | |
| | | Note: Includes electrostatically applied powder coating and neoprene gasket. | | |
| 26 27 26 00-0267 | EA | Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC) | 11.08 | 0.55 |
| 26 27 26 00-0268 | EA | Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC) | 12.01 | 0.55 |
| 26 27 26 00-0269 | EA | Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC) | 12.01 | 0.55 |
| 26 27 26 00-0270 | EA | Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC) | 12.01 | 0.55 |
| 26 27 26 00-0271 | EA | Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC) | 14.74 | 0.82 |
| 26 27 26 00-0272 | EA | Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC) | 16.73 | 0.82 |
| 26 27 26 00-0273 | EA | Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC) | 16.93 | 0.82 |
| 26 27 26 00-0274 | EA | Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC) | 16.93 | 0.82 |
| 26 27 26 00-0275 | EA | Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC) | 23.01 | 0.82 |
| 26 27 26 00-0276 | EA | Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB) | 21.79 | 1.10 |
| 26 27 26 00-0277 | EA | Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT) | 23.83 | 1.10 |
| **26 27 26 00-0278** | | **Cast Metallic Weatherproof Covers** *(26 27 26 00-0265)* | | |
| | | Note: Includes electrostatically applied powder coating and neoprene gasket. | | |
| 26 27 26 00-0279 | EA | Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC) | 13.57 | 0.55 |
| 26 27 26 00-0280 | EA | Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA) | 43.33 | 0.55 |
| 26 27 26 00-0281 | EA | Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR) | 48.59 | 0.55 |
| 26 27 26 00-0282 | EA | Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG) | 13.47 | 0.55 |
| 26 27 26 00-0283 | EA | Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT) | 36.73 | 0.55 |
| 26 27 26 00-0284 | EA | Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT) | 61.10 | 0.55 |
| 26 27 26 00-0285 | EA | Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST) | 77.79 | 0.55 |
| 26 27 26 00-0286 | EA | Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC) | 16.93 | 0.82 |
| 26 27 26 00-0287 | EA | Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST) | 122.89 | 0.82 |
| 26 27 26 00-0288 | EA | Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC) | 28.32 | 1.10 |
| 26 27 26 00-0289 | EA | Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST) | 117.39 | 1.10 |
| **26 27 26 00-0290** | | **Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0265)* | | |
| | | Note: Includes electrostatically applied powder coating and neoprene gasket. | | |
| 26 27 26 00-0291 | EA | Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027) | 5.21 | 0.55 |
| 26 27 26 00-0292 | EA | Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026) | 6.71 | 0.55 |
| 26 27 26 00-0293 | EA | Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032) | 9.00 | 0.82 |
| 26 27 26 00-0294 | EA | Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041) | 9.78 | 0.82 |
| 26 27 26 00-0295 | EA | Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042) | 9.78 | 0.82 |
| 26 27 26 00-0296 | EA | Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043) | 10.90 | 0.82 |
| **26 27 26 00-0297** | | **Heavy Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0265)* | | |
| | | Note: Includes baked on lacquer finish and neoprene gasket. | | |
| 26 27 26 00-0298 | EA | Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510) | 54.12 | 0.55 |
| **26 27 26 00-0299** | | **Polycarbonate Weatherproof Covers** *(26 27 26 00-0265)* | | |
| | | Note: Includes neoprene gasket. | | |
| 26 27 26 00-0300 | EA | Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730) | 10.82 | 0.55 |
| 26 27 26 00-0301 | EA | Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730) | 10.82 | 0.55 |
| 26 27 26 00-0302 | EA | Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730) | 10.82 | 0.55 |
| 26 27 26 00-0303 | EA | Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775) | 13.36 | 0.82 |
| 26 27 26 00-0304 | EA | Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775) | 13.36 | 0.82 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 27 26 00-0305** | | **High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0265)* | | |
| | | Note: Includes neoprene gasket. | | |
| 26 27 26 00-0306 | EA | Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522) | 80.25 | 0.55 |
| **26 27 26 00-0307** | | **Non Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0265)* | | |
| | | Note: Includes neoprene gasket. | | |
| 26 27 26 00-0308 | EA | Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover | 13.55 | 0.55 |
| 26 27 26 00-0309 | EA | Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover | 14.47 | 0.82 |
| 26 27 26 00-0310 | EA | Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover | 13.59 | 0.55 |
| 26 27 26 00-0311 | EA | Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover | 30.18 | 0.55 |
| 26 27 26 00-0312 | EA | Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover | 35.02 | 0.55 |
| 26 27 26 00-0313 | EA | 20 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover | 28.35 | 0.55 |
| 26 27 26 00-0314 | EA | 30 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover | 21.08 | 0.55 |
| 26 27 26 00-0315 | EA | 50 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover | 24.70 | 0.55 |
| 26 27 26 00-0316 | EA | Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover | 22.07 | 0.55 |
| 26 27 26 00-0317 | EA | Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover | 31.76 | 0.82 |
| **26 27 26 00-0318** | | **Removal And Reinstallation Of Wiring Devices** *(26 27 26)* | | |
| | | Note: Includes storage and cleaning. | | |
| 26 27 26 00-0319 | EA | Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device | 72.37 | |
| 26 27 26 00-0320 | EA | Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate | 9.16 | |
| **26 27 26 00-0321** | | **Relay Systems** *(26 27 26)* | | |
| 26 27 26 00-0322 | EA | 10 Amperes, 24 Volt Coil, 2 Position Relay | 83.46 | 24.75 |
| 26 27 26 00-0323 | EA | 20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay | 357.41 | 82.49 |
| 26 27 26 00-0324 | EA | 20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay | 605.14 | 109.99 |
| **26 27 26 00-0325** | | **Limit Switches** *(26 27 26)* | | |
| **26 27 26 00-0326** | | **Heavy Duty Precision Oiltight** *(26 27 26 00-0325)* | | |
| **26 27 26 00-0327** | | **Lever Arm, Plunger, Wobble Stick Type** *(26 27 26 00-0326)* | | |
| 26 27 26 00-0328 | EA | Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amperes Rated | 424.61 | 69.30 |
| **26 27 26 00-0329** | | **In Line Midget Fuseholders** *(26 27 26)* | | |
| | | See CSI section 26 28 13 00-0078 for fuses. | | |
| 26 27 26 00-0330 | EA | Single Pole Water Resistant In Line Midget Fuseholder | 80.03 | |
| 26 27 26 00-0331 | EA | Double Pole Water Resistant In Line Midget Fuseholder | 185.46 | |
| **26 27 33** | | **Power Distribution Units** *(26 27)* | | |
| | | Note: Includes wiring connections and testing. | | |
| **26 27 33 00-0001** | | **Liebert Precision Power Center** *(26 27 33)* | | |
| | | Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up. | | |
| 26 27 33 00-0002 | EA | PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C) | 18,580.13 | 338.22 |
| 26 27 33 00-0003 | EA | PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C) | 22,436.28 | 366.60 |
| 26 27 33 00-0004 | EA | PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C) | 25,570.06 | 406.97 |
| 26 27 33 00-0005 | EA | PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C) | 29,421.60 | 439.97 |
| 26 27 33 00-0006 | EA | PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C) | 32,102.07 | 549.96 |
| 26 27 33 00-0007 | EA | PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C) | 36,012.80 | 659.96 |
| 26 27 33 00-0008 | EA | PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C) | 41,551.77 | 769.95 |
| 26 27 33 00-0009 | EA | PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C) | 43,689.49 | 879.94 |
| 26 27 33 00-0010 | EA | PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C) | 46,152.86 | 989.93 |
| 26 27 33 00-0011 | EA | Ex Panelboard 10-30 KVA | 1,645.63 | 109.99 |
| 26 27 33 00-0012 | EA | Ex Panelboard 50-125 KVA | 2,460.47 | 137.49 |
| 26 27 33 00-0013 | EA | Ex Panelboard 150-220 KVA | 5,554.89 | 164.99 |
| 26 27 33 00-0014 | EA | Removal And Reinstallation Of Power Distribution Unit | 1,759.89 | |
| | | Note: Includes disconnection / reconnection of branch circuits, storage and cleaning. | | |
| 26 27 33 00-0015 | EA | Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only | 1,319.92 | |
| **26 27 73** | | **Door Chimes** *(26 27)* | | |
| **26 27 73 00-0001** | | **Door Bell Chime And Door Button With Built-In Viewer** *(26 27 73)* | | |
| | | Note: Non-electric chime, mounted on door | | |
| 26 27 73 00-0002 | EA | Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV) | 66.68 | 12.89 |
| **26 27 73 00-0003** | | **Wireless Door Bell System** *(26 27 73)* | | |
| 26 27 73 00-0004 | EA | Wireless Doorbell Chime And Push Button (Broan LA542WH) | 125.37 | |
| | | Note: Includes 2 push buttons | | |
| 26 27 73 00-0005 | EA | Wireless Doorbell Chime And Push Button (STI-3350G) | 118.10 | |
| | | Note: Includes 2 push buttons | | |
| 26 27 73 00-0006 | EA | Wireless Doorbell Chime And Push Button (GE 19300) | 88.40 | |
| | | Note: Includes 2 push buttons | | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 27 73 00-0007 | | Door Chimes *(26 27 73)* | | |
| 26 27 73 00-0008 | EA | Door Bell, Push-Button And Transformer, Complete | 636.35 | 229.12 |
| 26 27 73 00-0009 | EA | Visual Flashing Doorbell Indicator, Wire To Existing System, Complete | 277.15 | 54.99 |
| 26 27 73 00-0010 | EA | Removal And Replacement Of Bell/Buzzer, Complete<br>Note: Includes removal of existing. | 109.91 | 27.50 |

## 26 28 Low-Voltage Circuit Protective Devices *(26 20)*

### 26 28 13 Fuses *(26 28)*

| | | | | |
|---|---|---|---|---|
| 26 28 13 00-0001 | | 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)* | | |
| 26 28 13 00-0002 | EA | 1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 23.67 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0003 | EA | 2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 23.19 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0004 | EA | 3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 22.53 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0005 | EA | 5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 22.44 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0006 | EA | 6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 23.05 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0007 | EA | 8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 21.85 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0008 | EA | 10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 21.57 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0009 | EA | 15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 19.23 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0010 | EA | 20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 18.87 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0011 | EA | 25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 19.55 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0012 | EA | 30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse | 19.08 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0013 | | Class RK1, Time Delay Fuses *(26 28 13)* | | |
| 26 28 13 00-0014 | | 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)* | | |
| 26 28 13 00-0015 | EA | 1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 35.19 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0016 | EA | 2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 33.07 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0017 | EA | 3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 34.55 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0018 | EA | 4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 34.35 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0019 | EA | 5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 32.88 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0020 | EA | 10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 31.99 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0021 | EA | 15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 29.65 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0022 | EA | 20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 29.47 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0023 | EA | 25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 29.66 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0024 | EA | 30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 29.42 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0025 | EA | 35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 39.40 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0026 | EA | 40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 38.69 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0027 | EA | 45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 39.22 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0028 | EA | 50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 38.79 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0029 | EA | 60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 38.15 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0030 | | 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses *(26 28 13 00-0013)* | | |
| 26 28 13 00-0031 | EA | 70 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 69.03 | 9.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0032 | EA | 80 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 68.67 | 9.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0033 | EA | 90 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 75.84 | 9.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0034 | EA | 100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 68.11 | 9.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0035 | EA | 110 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 186.02 | 9.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 13 00-0036 | EA | 125 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 137.20 | 9.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0037 | EA | 150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 126.82 | 10.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 28 13 00-0038 | EA | 200 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 133.32 | 10.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 28 13 00-0039 | EA | 250 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 245.66 | 10.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 28 13 00-0040 | EA | 300 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 265.02 | 13.42 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.91* | |
| 26 28 13 00-0041 | EA | 350 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 284.48 | 13.42 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.91* | |
| 26 28 13 00-0042 | EA | 400 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 220.65 | 13.42 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.91* | |
| 26 28 13 00-0043 | EA | 450 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 483.94 | 13.42 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.91* | |
| 26 28 13 00-0044 | EA | 500 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 459.65 | 16.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.89* | |
| 26 28 13 00-0045 | EA | 600 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse | 360.15 | 16.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.89* | |

### 26 28 13 00-0046 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

| | | | | |
|---|---|---|---|---|
| 26 28 13 00-0047 | EA | 1 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 52.64 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0048 | EA | 2 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 49.26 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0049 | EA | 3 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 46.43 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0050 | EA | 4 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 47.37 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0051 | EA | 5 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 46.56 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0052 | EA | 10 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 46.85 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0053 | EA | 15 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 43.77 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0054 | EA | 20 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 43.46 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0055 | EA | 25 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 43.05 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0056 | EA | 30 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 43.66 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0057 | EA | 35 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 61.95 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0058 | EA | 40 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 62.10 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0059 | EA | 45 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 60.94 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0060 | EA | 50 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 61.49 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0061 | EA | 60 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse | 61.97 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |

### 26 28 13 00-0062 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

| | | | | |
|---|---|---|---|---|
| 26 28 13 00-0063 | EA | 70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 114.18 | 9.90 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0064 | EA | 80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 117.31 | 10.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 28 13 00-0065 | EA | 90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 116.70 | 10.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 28 13 00-0066 | EA | 100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 117.18 | 10.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 28 13 00-0067 | EA | 110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 210.91 | 10.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 28 13 00-0068 | EA | 125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 214.03 | 10.89 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *7.26* | |
| 26 28 13 00-0069 | EA | 150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 212.41 | 13.42 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.91* | |
| 26 28 13 00-0070 | EA | 200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 211.90 | 13.42 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.91* | |
| 26 28 13 00-0071 | EA | 250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 398.71 | 13.42 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.91* | |
| 26 28 13 00-0072 | EA | 300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 402.41 | 16.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.89* | |
| 26 28 13 00-0073 | EA | 350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 452.87 | 16.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.89* | |
| 26 28 13 00-0074 | EA | 400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 410.99 | 16.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.89* | |
| 26 28 13 00-0075 | EA | 450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 732.50 | 16.39 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *10.89* | |
| 26 28 13 00-0076 | EA | 500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 654.85 | 19.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 13 00-0077 | EA | 600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse | 572.26 | 19.80 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |

## 26 28 13 00-0078 600 Volt AC, Class CC Midget Fuses *(26 28 13)*

Note: 250/300 Volt DC.

| | | | | |
|---|---|---|---|---|
| 26 28 13 00-0079 | EA | 1 Amperes, 600 Volt AC, Class CC Midget Fuse | 40.01 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0080 | EA | 2 Amperes, 600 Volt AC, Class CC Midget Fuse | 40.57 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0081 | EA | 3 Amperes, 600 Volt AC, Class CC Midget Fuse | 40.41 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0082 | EA | 5 Amperes, 600 Volt AC, Class CC Midget Fuse | 40.23 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0083 | EA | 6 Amperes, 600 Volt AC, Class CC Midget Fuse | 42.88 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0084 | EA | 8 Amperes, 600 Volt AC, Class CC Midget Fuse | 38.64 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0085 | EA | 10 Amperes, 600 Volt AC, Class CC Midget Fuse | 43.62 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0086 | EA | 15 Amperes, 600 Volt AC, Class CC Midget Fuse | 40.25 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0087 | EA | 20 Amperes, 600 Volt AC, Class CC Midget Fuse | 39.56 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0088 | EA | 25 Amperes, 600 Volt AC, Class CC Midget Fuse | 37.97 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |
| 26 28 13 00-0089 | EA | 30 Amperes, 600 Volt AC, Class CC Midget Fuse | 39.32 | 7.92 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *5.28* | |

## 26 28 13 00-0090 200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse *(26 28 13)*

| | | | | |
|---|---|---|---|---|
| 26 28 13 00-0091 | EA | 1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 49.44 | 5.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 28 13 00-0092 | EA | 3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 49.81 | 5.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.30* | |
| 26 28 13 00-0093 | EA | 6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 43.64 | 6.60 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *3.96* | |
| 26 28 13 00-0094 | EA | 10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 43.99 | 8.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 28 13 00-0095 | EA | 15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 44.87 | 8.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 28 13 00-0096 | EA | 20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 44.08 | 8.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *4.95* | |
| 26 28 13 00-0097 | EA | 25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 56.33 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0098 | EA | 30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 47.51 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0099 | EA | 35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 80.42 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0100 | EA | 40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 69.08 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0101 | EA | 45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 78.69 | 11.00 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *6.60* | |
| 26 28 13 00-0102 | EA | 50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 71.15 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 28 13 00-0103 | EA | 60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 69.92 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 28 13 00-0104 | EA | 70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 107.01 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 28 13 00-0105 | EA | 80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 113.74 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 28 13 00-0106 | EA | 90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 112.02 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 28 13 00-0107 | EA | 100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 99.67 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 28 13 00-0108 | EA | 110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 225.21 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 28 13 00-0109 | EA | 125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 192.31 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 28 13 00-0110 | EA | 150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 184.53 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0111 | EA | 175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 187.15 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0112 | EA | 200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 156.54 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0113 | EA | 225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 385.41 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0114 | EA | 250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 356.85 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0115 | EA | 300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 329.36 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0116 | EA | 350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 358.61 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0117 | EA | 400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 298.14 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 13 00-0118 | EA | 450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 624.51 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0119 | EA | 500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 532.12 | 27.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 13 00-0120 | EA | 600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse | 398.03 | 27.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |

### 26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

| | | | | |
|---|---|---|---|---|
| 26 28 13 00-0122 | EA | 100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,184.27 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 28 13 00-0123 | EA | 150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,186.60 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 28 13 00-0124 | EA | 200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,188.77 | 13.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *8.25* | |
| 26 28 13 00-0125 | EA | 250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,185.93 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 28 13 00-0126 | EA | 300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,092.68 | 16.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *9.90* | |
| 26 28 13 00-0127 | EA | 350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,169.73 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 28 13 00-0128 | EA | 400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,077.16 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 28 13 00-0129 | EA | 450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,203.93 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 28 13 00-0130 | EA | 500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,180.58 | 19.25 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *11.55* | |
| 26 28 13 00-0131 | EA | 600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,051.81 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0132 | EA | 601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,079.90 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0133 | EA | 650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,433.05 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0134 | EA | 700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,046.71 | 21.99 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 13 00-0135 | EA | 750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,603.95 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0136 | EA | 800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 927.77 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0137 | EA | 900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,350.56 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0138 | EA | 1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 912.31 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0139 | EA | 1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 939.19 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0140 | EA | 1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 2,076.51 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0141 | EA | 1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 2,047.47 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0142 | EA | 1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,848.19 | 24.75 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *14.85* | |
| 26 28 13 00-0143 | EA | 1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,159.23 | 27.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 13 00-0144 | EA | 1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 2,445.17 | 27.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 13 00-0145 | EA | 2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 1,569.12 | 27.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 13 00-0146 | EA | 2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 2,117.54 | 27.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 13 00-0147 | EA | 2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 3,599.98 | 27.50 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 13 00-0148 | EA | 3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 2,360.46 | 30.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.15* | |
| 26 28 13 00-0149 | EA | 3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 4,869.07 | 30.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.15* | |
| 26 28 13 00-0150 | EA | 3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 5,647.94 | 30.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.15* | |
| 26 28 13 00-0151 | EA | 4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 3,270.75 | 30.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.15* | |
| 26 28 13 00-0152 | EA | 5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 5,155.05 | 30.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.15* | |
| 26 28 13 00-0153 | EA | 6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse | 8,526.07 | 30.24 |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *18.15* | |

## 26 28 16 Enclosed Switches and Circuit Breakers *(26 28)*

### 26 28 16 13 Enclosed Circuit Breakers *(26 28 16)*

26 28 16 13-0001 Branch Circuit Breakers *(26 28 16 13)*
Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*
Note: Includes connection of electrical wire.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0003 | EA | 1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 52.74 | 19.80 |
| | | *For Bolt-On, Add* | *14.29* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0004 | EA | 1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 52.74 | 19.80 |
| | | *For Bolt-On, Add* | *14.29* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0005 | EA | 1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 75.17 | 24.75 |
| | | *For Bolt-On, Add* | *19.02* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0006 | EA | 1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 109.86 | 24.75 |
| | | *For Bolt-On, Add* | *23.36* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0007 | EA | 1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity | 149.52 | 24.75 |
| | | *For Bolt-On, Add* | *28.31* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0008 | EA | 1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity | 172.14 | 24.75 |
| | | *For Bolt-On, Add* | *31.14* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0009 | EA | 1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity | 88.00 | 24.75 |
| | | *For Bolt-On, Add* | *20.62* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0010 | EA | 2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 86.17 | 29.70 |
| | | *For Bolt-On, Add* | *22.32* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0011 | EA | 2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 86.17 | 29.70 |
| | | *For Bolt-On, Add* | *22.32* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0012 | EA | 2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 128.35 | 39.60 |
| | | *For Bolt-On, Add* | *31.44* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0013 | EA | 2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 207.53 | 49.50 |
| | | *For Bolt-On, Add* | *45.19* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0014 | EA | 2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 243.41 | 54.99 |
| | | *For Bolt-On, Add* | *51.60* | |
| | | *For Installation In New Panelboard, Deduct* | *-30.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.30* | |
| 26 28 16 13-0015 | EA | 2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 203.10 | 35.20 |
| | | *For Bolt-On, Add* | *39.25* | |
| | | *For Installation In New Panelboard, Deduct* | *-19.80* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *23.76* | |
| 26 28 16 13-0016 | EA | 2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity | 267.99 | 35.20 |
| | | *For Bolt-On, Add* | *47.36* | |
| | | *For Installation In New Panelboard, Deduct* | *-19.80* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *23.76* | |
| 26 28 16 13-0017 | EA | 3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 158.62 | 39.60 |
| | | *For Bolt-On, Add* | *35.23* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0018 | EA | 3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 158.62 | 39.60 |
| | | *For Bolt-On, Add* | *35.23* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0019 | EA | 3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 207.15 | 49.50 |
| | | *For Bolt-On, Add* | *45.14* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0020 | EA | 3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 308.50 | 59.39 |
| | | *For Bolt-On, Add* | *61.66* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 28 16 13-0021 | EA | 3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity | 391.55 | 69.30 |
| | | *For Bolt-On, Add* | *75.89* | |
| | | *For Installation In New Panelboard, Deduct* | *-38.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *46.20* | |

## 26 28 16 13-0022 Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

| | | | | |
|---|---|---|---|---|
| 26 28 16 13-0023 | EA | 1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 73.30 | 19.80 |
| | | *For Bolt-On, Add* | *16.86* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0024 | EA | 1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 73.30 | 19.80 |
| | | *For Bolt-On, Add* | *16.86* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0025 | EA | 1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 127.71 | 24.75 |
| | | *For Bolt-On, Add* | *25.59* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0026 | EA | 1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 194.41 | 24.75 |
| | | *For Bolt-On, Add* | *33.92* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0027 | EA | 2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 140.29 | 29.70 |
| | | *For Bolt-On, Add* | *29.09* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0028 | EA | 2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 140.29 | 29.70 |
| | | *For Bolt-On, Add* | *29.09* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0029 | EA | 2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 270.51 | 39.60 |
| | | *For Bolt-On, Add* | *49.21* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0030 | EA | 2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 367.19 | 49.50 |
| | | *For Bolt-On, Add* | *65.15* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0031 | EA | 2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 534.00 | 54.99 |
| | | *For Bolt-On, Add* | *87.92* | |
| | | *For Installation In New Panelboard, Deduct* | *-30.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.30* | |
| 26 28 16 13-0032 | EA | 3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 221.39 | 39.60 |
| | | *For Bolt-On, Add* | *43.07* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0033 | EA | 3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 221.39 | 39.60 |
| | | *For Bolt-On, Add* | *43.07* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0034 | EA | 3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 328.15 | 49.50 |
| | | *For Bolt-On, Add* | *60.27* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0035 | EA | 3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 463.49 | 59.39 |
| | | *For Bolt-On, Add* | *81.03* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 28 16 13-0036 | EA | 3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 710.78 | 69.30 |
| | | *For Bolt-On, Add* | *115.80* | |
| | | *For Installation In New Panelboard, Deduct* | *-38.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *46.20* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0037 | EA | 3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 818.50 | 74.24 |
| | | *For Bolt-On, Add* | *131.19* | |
| | | *For Installation In New Panelboard, Deduct* | *-41.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *49.50* | |
| 26 28 16 13-0038 | EA | 3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 879.16 | 79.19 |
| | | *For Bolt-On, Add* | *140.69* | |
| | | *For Installation In New Panelboard, Deduct* | *-44.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *52.80* | |
| 26 28 16 13-0039 | EA | 3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity | 1,037.42 | 84.14 |
| | | *For Bolt-On, Add* | *162.40* | |
| | | *For Installation In New Panelboard, Deduct* | *-46.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *56.10* | |

### 26 28 16 13-0040 Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

| | | | | |
|---|---|---|---|---|
| 26 28 16 13-0041 | EA | 15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 86.81 | 19.80 |
| | | *For Bolt-On, Add* | *18.55* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0042 | EA | 35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 86.81 | 19.80 |
| | | *For Bolt-On, Add* | *18.55* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0043 | EA | 70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 141.05 | 24.75 |
| | | *For Bolt-On, Add* | *27.25* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0044 | EA | 15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 175.48 | 29.70 |
| | | *For Bolt-On, Add* | *33.48* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0045 | EA | 35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 175.48 | 29.70 |
| | | *For Bolt-On, Add* | *33.48* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0046 | EA | 70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 304.27 | 39.60 |
| | | *For Bolt-On, Add* | *53.43* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0047 | EA | 110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 765.14 | 49.50 |
| | | *For Bolt-On, Add* | *114.89* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0048 | EA | 15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 279.49 | 39.60 |
| | | *For Bolt-On, Add* | *50.33* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0049 | EA | 35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 279.49 | 39.60 |
| | | *For Bolt-On, Add* | *50.33* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0050 | EA | 70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 370.43 | 49.50 |
| | | *For Bolt-On, Add* | *65.55* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0051 | EA | 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity | 946.65 | 59.39 |
| | | *For Bolt-On, Add* | *141.43* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |

### 26 28 16 13-0052 Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

| | | | | |
|---|---|---|---|---|
| 26 28 16 13-0053 | EA | 15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 98.27 | 19.80 |
| | | *For Bolt-On, Add* | *19.98* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0054 | EA | 35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 98.27 | 19.80 |
| | | *For Bolt-On, Add* | *19.98* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0055 | EA | 70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 116.23 | 24.75 |
| | | *For Bolt-On, Add* | *24.15* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0056 | EA | 15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 192.87 | 24.75 |
| | | *For Bolt-On, Add* | *33.73* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0057 | EA | 15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 205.41 | 29.70 |
| | | *For Bolt-On, Add* | *37.22* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0058 | EA | 35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 205.41 | 29.70 |
| | | *For Bolt-On, Add* | *37.22* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0059 | EA | 70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 250.06 | 39.60 |
| | | *For Bolt-On, Add* | *46.66* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0060 | EA | 110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 358.45 | 49.50 |
| | | *For Bolt-On, Add* | *64.05* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0061 | EA | 150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 461.06 | 54.99 |
| | | *For Bolt-On, Add* | *78.81* | |
| | | *For Installation In New Panelboard, Deduct* | *-30.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.30* | |
| 26 28 16 13-0062 | EA | 250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 574.68 | 64.35 |
| | | *For Bolt-On, Add* | *96.86* | |
| | | *For Installation In New Panelboard, Deduct* | *-35.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *42.90* | |
| 26 28 16 13-0063 | EA | 300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 621.33 | 74.24 |
| | | *For Bolt-On, Add* | *106.54* | |
| | | *For Installation In New Panelboard, Deduct* | *-41.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *49.50* | |
| 26 28 16 13-0064 | EA | 15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 250.56 | 39.60 |
| | | *For Bolt-On, Add* | *46.72* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0065 | EA | 35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 250.56 | 39.60 |
| | | *For Bolt-On, Add* | *46.72* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0066 | EA | 70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 294.71 | 49.50 |
| | | *For Bolt-On, Add* | *56.09* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0067 | EA | 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 443.68 | 59.39 |
| | | *For Bolt-On, Add* | *78.56* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 28 16 13-0068 | EA | 150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 582.01 | 77.00 |
| | | *For Bolt-On, Add* | *102.59* | |
| | | *For Installation In New Panelboard, Deduct* | *-42.62* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *51.15* | |
| 26 28 16 13-0069 | EA | 250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 717.55 | 89.10 |
| | | *For Bolt-On, Add* | *124.34* | |
| | | *For Installation In New Panelboard, Deduct* | *-49.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 28 16 13-0070 | EA | 300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity | 762.92 | 94.59 |
| | | *For Bolt-On, Add* | *131.94* | |
| | | *For Installation In New Panelboard, Deduct* | *-52.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *62.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0071 | | **Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On** *(26 28 16 13-0001)* | | |
| | | Note: Includes connection of electrical wire. | | |
| 26 28 16 13-0072 | EA | 15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 212.88 | 29.70 |
| | | *For Bolt-On, Add* | *38.16* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0073 | EA | 35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 212.88 | 29.70 |
| | | *For Bolt-On, Add* | *38.16* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0074 | EA | 70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 322.33 | 39.60 |
| | | *For Bolt-On, Add* | *55.69* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0075 | EA | 110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 519.95 | 49.50 |
| | | *For Bolt-On, Add* | *84.24* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0076 | EA | 150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 806.20 | 61.60 |
| | | *For Bolt-On, Add* | *124.84* | |
| | | *For Installation In New Panelboard, Deduct* | *-34.37* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *41.25* | |
| 26 28 16 13-0077 | EA | 250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 912.43 | 64.35 |
| | | *For Bolt-On, Add* | *139.08* | |
| | | *For Installation In New Panelboard, Deduct* | *-35.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *42.90* | |
| 26 28 16 13-0078 | EA | 300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 997.96 | 74.24 |
| | | *For Bolt-On, Add* | *153.62* | |
| | | *For Installation In New Panelboard, Deduct* | *-41.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *49.50* | |
| 26 28 16 13-0079 | EA | 15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 305.18 | 39.60 |
| | | *For Bolt-On, Add* | *53.55* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0080 | EA | 35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 305.18 | 39.60 |
| | | *For Bolt-On, Add* | *53.55* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0081 | EA | 70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 384.33 | 49.50 |
| | | *For Bolt-On, Add* | *67.29* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0082 | EA | 110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 646.28 | 59.39 |
| | | *For Bolt-On, Add* | *103.88* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 28 16 13-0083 | EA | 150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 942.08 | 77.00 |
| | | *For Bolt-On, Add* | *147.60* | |
| | | *For Installation In New Panelboard, Deduct* | *-42.62* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *51.15* | |
| 26 28 16 13-0084 | EA | 250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 1,112.43 | 89.10 |
| | | *For Bolt-On, Add* | *173.70* | |
| | | *For Installation In New Panelboard, Deduct* | *-49.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 28 16 13-0085 | EA | 300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity | 1,202.98 | 94.59 |
| | | *For Bolt-On, Add* | *186.95* | |
| | | *For Installation In New Panelboard, Deduct* | *-52.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *62.70* | |
| 26 28 16 13-0086 | | **Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On** *(26 28 16 13-0001)* | | |
| | | Note: Includes connection of electrical wire. | | |
| 26 28 16 13-0087 | EA | 2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 220.31 | 29.70 |
| | | *For Bolt-On, Add* | *39.09* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0088 | EA | 2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 220.31 | 29.70 |
| | | *For Bolt-On, Add* | *39.09* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0089 | EA | 2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 390.91 | 39.60 |
| | | *For Bolt-On, Add* | *64.26* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0090 | EA | 2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 710.12 | 49.50 |
| | | *For Bolt-On, Add* | *108.01* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0091 | EA | 2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 1,120.56 | 61.60 |
| | | *For Bolt-On, Add* | *164.13* | |
| | | *For Installation In New Panelboard, Deduct* | *-34.37* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *41.25* | |
| 26 28 16 13-0092 | EA | 2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 1,273.97 | 64.35 |
| | | *For Bolt-On, Add* | *184.27* | |
| | | *For Installation In New Panelboard, Deduct* | *-35.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *42.90* | |
| 26 28 16 13-0093 | EA | 2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity | 1,388.11 | 74.24 |
| | | *For Bolt-On, Add* | *202.39* | |
| | | *For Installation In New Panelboard, Deduct* | *-41.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *49.50* | |
| 26 28 16 13-0094 | EA | 3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity | 356.62 | 39.60 |
| | | *For Bolt-On, Add* | *59.98* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0095 | EA | 3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity | 356.62 | 39.60 |
| | | *For Bolt-On, Add* | *59.98* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0096 | EA | 3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity | 473.50 | 49.50 |
| | | *For Bolt-On, Add* | *78.44* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0097 | EA | 3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 863.57 | 59.39 |
| | | *For Bolt-On, Add* | *131.04* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 28 16 13-0098 | EA | 3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 1,091.46 | 77.00 |
| | | *For Bolt-On, Add* | *166.27* | |
| | | *For Installation In New Panelboard, Deduct* | *-42.62* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *51.15* | |
| 26 28 16 13-0099 | EA | 3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 1,733.17 | 89.10 |
| | | *For Bolt-On, Add* | *251.29* | |
| | | *For Installation In New Panelboard, Deduct* | *-49.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *59.39* | |
| 26 28 16 13-0100 | EA | 3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity | 1,845.70 | 94.59 |
| | | *For Bolt-On, Add* | *267.29* | |
| | | *For Installation In New Panelboard, Deduct* | *-52.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *62.70* | |

### 26 28 16 13-0101 Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

| | | | | |
|---|---|---|---|---|
| 26 28 16 13-0102 | EA | 1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 116.99 | 19.80 |
| | | *For Bolt-On, Add* | *22.32* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0103 | EA | 1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 116.99 | 19.80 |
| | | *For Bolt-On, Add* | *22.32* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0104 | EA | 1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 200.08 | 24.75 |
| | | *For Bolt-On, Add* | *34.63* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0105 | EA | 2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 250.73 | 29.70 |
| | | *For Bolt-On, Add* | *42.89* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0106 | EA | 2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 250.73 | 29.70 |
| | | *For Bolt-On, Add* | *42.89* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0107 | EA | 2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 453.86 | 39.60 |
| | | *For Bolt-On, Add* | *72.13* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0108 | EA | 2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 835.86 | 49.50 |
| | | *For Bolt-On, Add* | *123.73* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0109 | EA | 2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 1,617.21 | 61.60 |
| | | *For Bolt-On, Add* | *226.21* | |
| | | *For Installation In New Panelboard, Deduct* | *-34.37* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *41.25* | |
| 26 28 16 13-0110 | EA | 3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 411.51 | 39.60 |
| | | *For Bolt-On, Add* | *66.84* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0111 | EA | 3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 411.51 | 39.60 |
| | | *For Bolt-On, Add* | *66.84* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0112 | EA | 3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 549.76 | 49.50 |
| | | *For Bolt-On, Add* | *87.97* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0113 | EA | 3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 1,029.32 | 59.39 |
| | | *For Bolt-On, Add* | *151.76* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 28 16 13-0114 | EA | 3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity | 2,010.68 | 77.00 |
| | | *For Bolt-On, Add* | *281.17* | |
| | | *For Installation In New Panelboard, Deduct* | *-42.62* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *51.15* | |

### 26 28 16 13-0115 Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

| | | | | |
|---|---|---|---|---|
| 26 28 16 13-0116 | EA | 15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 169.74 | 19.80 |
| | | *For Bolt-On, Add* | *28.92* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0117 | EA | 35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Ampere Interrupting Capacity | 169.74 | 19.80 |
| | | *For Bolt-On, Add* | *28.92* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0118 | EA | 70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 256.18 | 24.75 |
| | | *For Bolt-On, Add* | *41.65* | |
| | | *For Installation In New Panelboard, Deduct* | *-13.75* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *16.50* | |
| 26 28 16 13-0119 | EA | 15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 311.76 | 29.70 |
| | | *For Bolt-On, Add* | *50.52* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0120 | EA | 35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 311.76 | 29.70 |
| | | *For Bolt-On, Add* | *50.52* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0121 | EA | 70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 585.24 | 39.60 |
| | | *For Bolt-On, Add* | *88.55* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0122 | EA | 110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 1,058.76 | 49.50 |
| | | *For Bolt-On, Add* | *151.59* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0123 | EA | 150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 2,104.27 | 54.99 |
| | | *For Bolt-On, Add* | *284.21* | |
| | | *For Installation In New Panelboard, Deduct* | *-30.25* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *36.30* | |
| 26 28 16 13-0124 | EA | 15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 533.80 | 39.60 |
| | | *For Bolt-On, Add* | *82.12* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0125 | EA | 35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 533.80 | 39.60 |
| | | *For Bolt-On, Add* | *82.12* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0126 | EA | 70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 738.69 | 49.50 |
| | | *For Bolt-On, Add* | *111.58* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0127 | EA | 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 1,195.07 | 59.39 |
| | | *For Bolt-On, Add* | *172.48* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 28 16 13-0128 | EA | 150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity | 2,656.73 | 77.00 |
| | | *For Bolt-On, Add* | *361.93* | |
| | | *For Installation In New Panelboard, Deduct* | *-42.62* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *51.15* | |
| 26 28 16 13-0129 | | Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)* | | |
| | | Note: Includes connection of electrical wire. | | |
| 26 28 16 13-0130 | EA | 15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 78.70 | 19.80 |
| | | *For Bolt-On, Add* | *17.54* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0131 | EA | 15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 163.77 | 29.70 |
| | | *For Bolt-On, Add* | *32.02* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0132 | EA | 15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 258.31 | 39.60 |
| | | *For Bolt-On, Add* | *47.69* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0133 | EA | 15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 160.70 | 19.80 |
| | | *For Bolt-On, Add* | *27.79* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0134 | EA | 35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 160.70 | 19.80 |
| | | *For Bolt-On, Add* | *27.79* | |
| | | *For Installation In New Panelboard, Deduct* | *-11.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *13.20* | |
| 26 28 16 13-0135 | EA | 70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 320.04 | 39.60 |
| | | *For Bolt-On, Add* | *55.40* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0136 | EA | 15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 362.02 | 29.70 |
| | | *For Bolt-On, Add* | *56.80* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0137 | EA | 35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 362.02 | 29.70 |
| | | *For Bolt-On, Add* | *56.80* | |
| | | *For Installation In New Panelboard, Deduct* | *-16.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *19.80* | |
| 26 28 16 13-0138 | EA | 70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 698.53 | 39.60 |
| | | *For Bolt-On, Add* | *102.71* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0139 | EA | 110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 1,184.50 | 49.50 |
| | | *For Bolt-On, Add* | *167.31* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 13-0140 | EA | 150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 2,604.44 | 61.60 |
| | | *For Bolt-On, Add* | *349.62* | |
| | | *For Installation In New Panelboard, Deduct* | *-34.37* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *41.25* | |
| 26 28 16 13-0141 | EA | 15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 605.71 | 39.60 |
| | | *For Bolt-On, Add* | *91.11* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0142 | EA | 35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 605.71 | 39.60 |
| | | *For Bolt-On, Add* | *91.11* | |
| | | *For Installation In New Panelboard, Deduct* | *-22.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *26.40* | |
| 26 28 16 13-0143 | EA | 70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 843.09 | 49.50 |
| | | *For Bolt-On, Add* | *124.63* | |
| | | *For Installation In New Panelboard, Deduct* | *-27.50* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *33.00* | |
| 26 28 16 13-0144 | EA | 110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 1,286.52 | 59.39 |
| | | *For Bolt-On, Add* | *183.91* | |
| | | *For Installation In New Panelboard, Deduct* | *-33.00* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *39.60* | |
| 26 28 16 13-0145 | EA | 150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity | 3,238.52 | 77.00 |
| | | *For Bolt-On, Add* | *434.65* | |
| | | *For Installation In New Panelboard, Deduct* | *-42.62* | |
| | | *Note: Also for use with new interiors in panelboards.* | | |
| | | *For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add* | *51.15* | |

## 26 28 16 16 Enclosed Switches *(26 28 16)*

### 26 28 16 16-0001 Motor And Circuit Disconnects *(26 28 16 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

### 26 28 16 16-0002 NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*

### 26 28 16 16-0003 Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*

Note: Includes fuses and neutral bar.

### 26 28 16 16-0004 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

| | | | | |
|---|---|---|---|---|
| 26 28 16 16-0005 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 418.97 | 109.99 |
| 26 28 16 16-0006 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 663.07 | 132.54 |
| 26 28 16 16-0007 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 914.44 | 155.09 |
| 26 28 16 16-0008 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,577.67 | 244.18 |
| 26 28 16 16-0009 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 3,370.95 | 379.47 |
| 26 28 16 16-0010 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 5,637.46 | 560.97 |
| 26 28 16 16-0011 | EA | 800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 7,702.61 | 659.96 |
| 26 28 16 16-0012 | EA | 1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 10,354.81 | 769.95 |

### 26 28 16 16-0013 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

| | | | | |
|---|---|---|---|---|
| 26 28 16 16-0014 | EA | 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 642.77 | 122.20 |
| 26 28 16 16-0015 | EA | 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 775.55 | 147.28 |
| 26 28 16 16-0016 | EA | 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,240.43 | 172.14 |
| 26 28 16 16-0017 | EA | 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,832.06 | 271.68 |
| 26 28 16 16-0018 | EA | 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 4,017.06 | 421.50 |
| 26 28 16 16-0019 | EA | 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 6,266.05 | 623.00 |
| 26 28 16 16-0020 | EA | 800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 9,287.50 | 732.89 |
| 26 28 16 16-0021 | EA | 1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 12,705.21 | 855.52 |

### 26 28 16 16-0022 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0023 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 594.17 | 172.69 |
| 26 28 16 16-0024 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 878.45 | 229.34 |
| 26 28 16 16-0025 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,188.87 | 254.63 |
| 26 28 16 16-0026 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,881.11 | 398.72 |
| 26 28 16 16-0027 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 3,926.92 | 654.45 |
| 26 28 16 16-0028 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 6,403.85 | 916.79 |
| 26 28 16 16-0029 | | 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)* | | |
| 26 28 16 16-0030 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 780.26 | 190.83 |
| 26 28 16 16-0031 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 990.36 | 254.63 |
| 26 28 16 16-0032 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,469.15 | 286.53 |
| 26 28 16 16-0033 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,161.58 | 436.67 |
| 26 28 16 16-0034 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 4,844.08 | 705.06 |
| 26 28 16 16-0035 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 7,808.09 | 1,018.53 |
| 26 28 16 16-0036 | EA | 800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 12,470.41 | 1,209.92 |
| 26 28 16 16-0037 | EA | 1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 15,959.97 | 1,374.91 |
| 26 28 16 16-0038 | | 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)* | | |
| 26 28 16 16-0039 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 575.06 | 172.69 |
| 26 28 16 16-0040 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 853.75 | 229.34 |
| 26 28 16 16-0041 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,143.94 | 254.63 |
| 26 28 16 16-0042 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,942.91 | 398.72 |
| 26 28 16 16-0043 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 4,275.16 | 654.45 |
| 26 28 16 16-0044 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 6,927.75 | 916.79 |
| 26 28 16 16-0045 | EA | 800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 11,506.75 | 1,154.92 |
| 26 28 16 16-0046 | EA | 1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 14,199.63 | 1,319.92 |
| 26 28 16 16-0047 | | 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)* | | |
| 26 28 16 16-0048 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 850.38 | 190.83 |
| 26 28 16 16-0049 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,076.53 | 254.63 |
| 26 28 16 16-0050 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,595.15 | 286.53 |
| 26 28 16 16-0051 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,350.20 | 436.67 |
| 26 28 16 16-0052 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 5,246.50 | 705.06 |
| 26 28 16 16-0053 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 8,518.81 | 1,018.53 |
| 26 28 16 16-0054 | EA | 800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 13,650.38 | 1,209.92 |
| 26 28 16 16-0055 | EA | 1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 17,234.58 | 1,374.91 |
| 26 28 16 16-0056 | | Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)* | | |
| 26 28 16 16-0057 | | 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)* | | |
| 26 28 16 16-0058 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 406.89 | 159.16 |
| 26 28 16 16-0059 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 633.95 | 221.42 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0060 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 877.44 | 254.63 |
| 26 28 16 16-0061 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,374.00 | 407.41 |
| 26 28 16 16-0062 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,782.79 | 678.98 |
| 26 28 16 16-0063 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 4,563.71 | 925.92 |
| 26 28 16 16-0064 | EA | 800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 6,536.10 | 1,099.93 |
| 26 28 16 16-0065 | EA | 1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 8,643.34 | 1,283.73 |
| 26 28 16 16-0066 | | 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)* | | |
| 26 28 16 16-0067 | EA | 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 449.43 | 175.66 |
| 26 28 16 16-0068 | EA | 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 718.12 | 248.48 |
| 26 28 16 16-0069 | EA | 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 992.11 | 282.90 |
| 26 28 16 16-0070 | EA | 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,539.61 | 442.83 |
| 26 28 16 16-0071 | EA | 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,994.17 | 727.49 |
| 26 28 16 16-0072 | EA | 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 5,047.75 | 1,018.42 |
| 26 28 16 16-0073 | EA | 800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 7,257.40 | 1,099.93 |
| 26 28 16 16-0074 | EA | 1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 9,631.13 | 1,283.73 |
| 26 28 16 16-0075 | | 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)* | | |
| 26 28 16 16-0076 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 473.34 | 142.99 |
| 26 28 16 16-0077 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 726.39 | 199.08 |
| 26 28 16 16-0078 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 983.75 | 229.34 |
| 26 28 16 16-0079 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,544.95 | 366.82 |
| 26 28 16 16-0080 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 3,104.98 | 611.01 |
| 26 28 16 16-0081 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 5,019.99 | 833.20 |
| 26 28 16 16-0082 | EA | 800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 8,681.23 | 989.93 |
| 26 28 16 16-0083 | EA | 1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 11,325.53 | 1,154.92 |
| 26 28 16 16-0084 | | 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)* | | |
| 26 28 16 16-0085 | EA | 30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 516.24 | 157.84 |
| 26 28 16 16-0086 | EA | 60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 798.40 | 223.84 |
| 26 28 16 16-0087 | EA | 100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,072.20 | 254.63 |
| 26 28 16 16-0088 | EA | 200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,666.68 | 398.72 |
| 26 28 16 16-0089 | EA | 400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 3,326.75 | 654.45 |
| 26 28 16 16-0090 | EA | 600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 5,426.18 | 916.79 |
| 26 28 16 16-0091 | EA | 800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 9,158.48 | 989.93 |
| 26 28 16 16-0092 | | 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)* | | |
| 26 28 16 16-0093 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 551.82 | 158.05 |
| 26 28 16 16-0094 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 859.08 | 223.61 |
| 26 28 16 16-0095 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,170.88 | 254.63 |
| 26 28 16 16-0096 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,818.68 | 398.50 |
| 26 28 16 16-0097 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 3,539.36 | 654.67 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0098 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 6,055.43 | 916.57 |
| 26 28 16 16-0099 | EA | 800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 9,876.78 | 989.93 |
| 26 28 16 16-0100 | EA | 1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 12,934.94 | 1,154.92 |
| 26 28 16 16-0101 | | 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)* | | |
| 26 28 16 16-0102 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 815.09 | 143.21 |
| 26 28 16 16-0103 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 982.70 | 199.31 |
| 26 28 16 16-0104 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,512.40 | 229.12 |
| 26 28 16 16-0105 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,267.97 | 366.60 |
| 26 28 16 16-0106 | | 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)* | | |
| 26 28 16 16-0107 | EA | 30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 882.49 | 157.84 |
| 26 28 16 16-0108 | EA | 60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,073.05 | 223.84 |
| 26 28 16 16-0109 | EA | 100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,638.63 | 254.63 |
| 26 28 16 16-0110 | EA | 200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,441.36 | 398.72 |
| 26 28 16 16-0111 | | 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)* | | |
| 26 28 16 16-0112 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 981.53 | 158.05 |
| 26 28 16 16-0113 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,182.29 | 223.61 |
| 26 28 16 16-0114 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,835.07 | 254.63 |
| 26 28 16 16-0115 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,727.52 | 398.50 |
| 26 28 16 16-0116 | | General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)* Note: Includes fuses and neutral bar. | | |
| 26 28 16 16-0117 | | 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)* | | |
| 26 28 16 16-0118 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 289.27 | 95.69 |
| 26 28 16 16-0119 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 395.44 | 115.16 |
| 26 28 16 16-0120 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 611.52 | 134.63 |
| 26 28 16 16-0121 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,134.71 | 212.40 |
| 26 28 16 16-0122 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,712.21 | 329.43 |
| 26 28 16 16-0123 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 5,081.97 | 487.60 |
| 26 28 16 16-0124 | | 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)* | | |
| 26 28 16 16-0125 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 398.34 | 150.36 |
| 26 28 16 16-0126 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 563.29 | 199.31 |
| 26 28 16 16-0127 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 785.05 | 221.42 |
| 26 28 16 16-0128 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,404.26 | 346.58 |
| 26 28 16 16-0129 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 3,194.58 | 569.33 |
| 26 28 16 16-0130 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 5,705.99 | 797.01 |
| 26 28 16 16-0131 | | 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0132 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 444.55 | 150.36 |
| 26 28 16 16-0133 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 637.79 | 199.31 |
| 26 28 16 16-0134 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 852.85 | 221.42 |
| 26 28 16 16-0135 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,575.05 | 346.58 |
| 26 28 16 16-0136 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 3,486.51 | 569.33 |
| 26 28 16 16-0137 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 5,891.04 | 797.01 |
| 26 28 16 16-0138 | | General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)* | | |
| 26 28 16 16-0139 | | 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)* | | |
| 26 28 16 16-0140 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 395.07 | 133.09 |
| 26 28 16 16-0141 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 527.66 | 153.00 |
| 26 28 16 16-0142 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,199.42 | 244.52 |
| 26 28 16 16-0143 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,581.29 | 406.97 |
| 26 28 16 16-0144 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 4,479.91 | 554.58 |
| 26 28 16 16-0145 | | 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)* | | |
| 26 28 16 16-0146 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 373.31 | 124.51 |
| 26 28 16 16-0147 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 511.31 | 173.24 |
| 26 28 16 16-0148 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 782.58 | 199.31 |
| 26 28 16 16-0149 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 1,348.79 | 318.87 |
| 26 28 16 16-0150 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 2,831.16 | 531.48 |
| 26 28 16 16-0151 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch | 4,821.70 | 724.41 |
| 26 28 16 16-0152 | | NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0001)* | | |
| 26 28 16 16-0153 | | Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required. | | |
| 26 28 16 16-0154 | | 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)* | | |
| 26 28 16 16-0155 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 617.74 | 129.24 |
| 26 28 16 16-0156 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 986.50 | 155.09 |
| 26 28 16 16-0157 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,233.97 | 180.39 |
| 26 28 16 16-0158 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,805.42 | 274.98 |
| 26 28 16 16-0159 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,001.96 | 439.97 |
| 26 28 16 16-0160 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 7,027.74 | 586.81 |
| 26 28 16 16-0161 | EA | 800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 10,553.23 | 659.96 |
| 26 28 16 16-0162 | EA | 1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 13,991.94 | 769.95 |
| 26 28 16 16-0163 | | 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)* | | |
| 26 28 16 16-0164 | EA | 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,066.92 | 172.25 |
| 26 28 16 16-0165 | EA | 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,270.02 | 211.18 |
| 26 28 16 16-0166 | EA | 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,806.92 | 242.53 |
| 26 28 16 16-0167 | EA | 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 2,544.16 | 363.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0168 | EA | 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 5,551.26 | 595.17 |
| 26 28 16 16-0169 | EA | 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 10,229.39 | 818.45 |
| 26 28 16 16-0170 | EA | 800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 15,059.35 | 942.42 |
| 26 28 16 16-0171 | EA | 1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 16,587.65 | 1,060.88 |
| 26 28 16 16-0172 | | 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)* | | |
| 26 28 16 16-0173 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 785.11 | 203.49 |
| 26 28 16 16-0174 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,250.26 | 269.49 |
| 26 28 16 16-0175 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,509.07 | 295.88 |
| 26 28 16 16-0176 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 2,236.11 | 458.12 |
| 26 28 16 16-0177 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,852.89 | 763.90 |
| 26 28 16 16-0178 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 8,114.39 | 1,018.53 |
| 26 28 16 16-0179 | | 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)* | | |
| 26 28 16 16-0180 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,207.00 | 241.22 |
| 26 28 16 16-0181 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,439.52 | 295.66 |
| 26 28 16 16-0182 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,931.52 | 339.44 |
| 26 28 16 16-0183 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 2,804.63 | 509.27 |
| 26 28 16 16-0184 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 5,924.18 | 833.31 |
| 26 28 16 16-0185 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 10,728.11 | 1,145.79 |
| 26 28 16 16-0186 | EA | 800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 15,209.38 | 1,319.92 |
| 26 28 16 16-0187 | EA | 1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 18,213.45 | 1,484.91 |
| 26 28 16 16-0188 | | 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)* | | |
| 26 28 16 16-0189 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 863.47 | 203.49 |
| 26 28 16 16-0190 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,252.53 | 269.49 |
| 26 28 16 16-0191 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,619.24 | 295.88 |
| 26 28 16 16-0192 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 2,309.59 | 458.12 |
| 26 28 16 16-0193 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,920.30 | 763.90 |
| 26 28 16 16-0194 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 8,855.82 | 1,018.53 |
| 26 28 16 16-0195 | EA | 800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 14,822.48 | 1,154.92 |
| 26 28 16 16-0196 | EA | 1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 18,485.61 | 1,319.92 |
| 26 28 16 16-0197 | | 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)* | | |
| 26 28 16 16-0198 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,251.96 | 241.44 |
| 26 28 16 16-0199 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,490.07 | 295.88 |
| 26 28 16 16-0200 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 2,043.86 | 339.33 |
| 26 28 16 16-0201 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 2,877.66 | 509.27 |
| 26 28 16 16-0202 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 6,188.18 | 833.20 |
| 26 28 16 16-0203 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 11,031.42 | 1,145.57 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0204 | EA | 800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 16,164.47 | 1,319.92 |
| 26 28 16 16-0205 | EA | 1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 19,472.38 | 1,484.91 |
| 26 28 16 16-0206 | | Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* | | |
| 26 28 16 16-0207 | | 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)* | | |
| 26 28 16 16-0208 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 587.22 | 113.19 |
| 26 28 16 16-0209 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 961.11 | 156.74 |
| 26 28 16 16-0210 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,265.82 | 179.73 |
| 26 28 16 16-0211 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,679.96 | 291.04 |
| 26 28 16 16-0212 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 3,753.55 | 485.51 |
| 26 28 16 16-0213 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 6,864.47 | 647.31 |
| 26 28 16 16-0214 | EA | 800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 11,066.12 | 770.28 |
| 26 28 16 16-0215 | EA | 1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 14,619.96 | 880.27 |
| 26 28 16 16-0216 | | 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)* | | |
| 26 28 16 16-0217 | EA | 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 661.37 | 124.73 |
| 26 28 16 16-0218 | EA | 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,089.42 | 174.56 |
| 26 28 16 16-0219 | EA | 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,429.80 | 197.11 |
| 26 28 16 16-0220 | EA | 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,865.93 | 305.56 |
| 26 28 16 16-0221 | EA | 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,263.35 | 509.27 |
| 26 28 16 16-0222 | EA | 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 7,412.97 | 678.98 |
| 26 28 16 16-0223 | EA | 800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 11,802.91 | 806.91 |
| 26 28 16 16-0224 | EA | 1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 15,588.02 | 916.57 |
| 26 28 16 16-0225 | | 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)* | | |
| 26 28 16 16-0226 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 700.39 | 169.72 |
| 26 28 16 16-0227 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,117.79 | 235.05 |
| 26 28 16 16-0228 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,445.54 | 269.60 |
| 26 28 16 16-0229 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,970.94 | 436.56 |
| 26 28 16 16-0230 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,295.47 | 728.15 |
| 26 28 16 16-0231 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 7,622.29 | 970.68 |
| 26 28 16 16-0232 | EA | 800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 11,959.82 | 1,154.92 |
| 26 28 16 16-0233 | EA | 1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 15,851.34 | 1,319.92 |
| 26 28 16 16-0234 | | 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)* | | |
| 26 28 16 16-0235 | EA | 30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 760.80 | 186.99 |
| 26 28 16 16-0236 | EA | 60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,217.78 | 261.90 |
| 26 28 16 16-0237 | EA | 100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,562.46 | 295.66 |
| 26 28 16 16-0238 | EA | 200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 2,093.01 | 458.34 |
| 26 28 16 16-0239 | EA | 400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,569.46 | 763.79 |
| 26 28 16 16-0240 | EA | 600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 8,122.97 | 1,018.42 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0241 | EA | 800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 12,758.88 | 1,209.92 |
| 26 28 16 16-0242 | EA | 1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 16,903.21 | 1,374.91 |
| 26 28 16 16-0243 | | 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)* | | |
| 26 28 16 16-0244 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 403.36 | 186.99 |
| 26 28 16 16-0245 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,264.02 | 261.90 |
| 26 28 16 16-0246 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,626.92 | 295.66 |
| 26 28 16 16-0247 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 2,171.46 | 458.34 |
| 26 28 16 16-0248 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,772.58 | 763.79 |
| 26 28 16 16-0249 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 8,091.93 | 1,018.42 |
| 26 28 16 16-0250 | EA | 800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 12,741.49 | 1,209.92 |
| 26 28 16 16-0251 | EA | 1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 16,879.55 | 1,374.91 |
| 26 28 16 16-0252 | | General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*<br>Note: With fuses, neutral bar, and hub if required. | | |
| 26 28 16 16-0253 | | 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)* | | |
| 26 28 16 16-0254 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 375.14 | 112.41 |
| 26 28 16 16-0255 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 531.28 | 134.85 |
| 26 28 16 16-0256 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 700.39 | 156.85 |
| 26 28 16 16-0257 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,443.11 | 239.12 |
| 26 28 16 16-0258 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 3,546.56 | 382.55 |
| 26 28 16 16-0259 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 6,300.09 | 510.36 |
| 26 28 16 16-0260 | | 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)* | | |
| 26 28 16 16-0261 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 505.20 | 177.20 |
| 26 28 16 16-0262 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 730.81 | 234.39 |
| 26 28 16 16-0263 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 900.57 | 257.17 |
| 26 28 16 16-0264 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,762.91 | 398.50 |
| 26 28 16 16-0265 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,111.92 | 664.14 |
| 26 28 16 16-0266 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 7,059.71 | 885.88 |
| 26 28 16 16-0267 | | 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)* | | |
| 26 28 16 16-0268 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 569.96 | 177.09 |
| 26 28 16 16-0269 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 795.76 | 234.39 |
| 26 28 16 16-0270 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,109.66 | 257.17 |
| 26 28 16 16-0271 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,897.95 | 398.50 |
| 26 28 16 16-0272 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 4,198.67 | 664.25 |
| 26 28 16 16-0273 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 7,736.95 | 885.88 |
| 26 28 16 16-0274 | EA | 800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 11,078.01 | 1,003.57 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0275 | | General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* | | |
| 26 28 16 16-0276 | | 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)* | | |
| 26 28 16 16-0277 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 338.77 | 98.44 |
| 26 28 16 16-0278 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 556.45 | 136.28 |
| 26 28 16 16-0279 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 583.82 | 156.30 |
| 26 28 16 16-0280 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,471.50 | 252.99 |
| 26 28 16 16-0281 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 3,626.51 | 422.15 |
| 26 28 16 16-0282 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 6,408.07 | 562.83 |
| 26 28 16 16-0283 | | 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)* | | |
| 26 28 16 16-0284 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 530.80 | 147.61 |
| 26 28 16 16-0285 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 764.78 | 204.37 |
| 26 28 16 16-0286 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,125.08 | 234.39 |
| 26 28 16 16-0287 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch | 1,935.89 | 379.58 |
| 26 28 16 16-0288 | | NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)* | | |
| 26 28 16 16-0289 | | Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*<br>Note: With fuses and neutral bar (stainless steel). | | |
| 26 28 16 16-0290 | | 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)* | | |
| 26 28 16 16-0291 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 1,659.81 | 109.99 |
| 26 28 16 16-0292 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 1,993.82 | 132.54 |
| 26 28 16 16-0293 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 4,077.31 | 154.87 |
| 26 28 16 16-0294 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 5,636.88 | 244.41 |
| 26 28 16 16-0295 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 11,469.51 | 379.25 |
| 26 28 16 16-0296 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 16,485.25 | 560.75 |
| 26 28 16 16-0297 | | 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)* | | |
| 26 28 16 16-0298 | EA | 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,107.79 | 122.20 |
| 26 28 16 16-0299 | EA | 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,343.01 | 147.17 |
| 26 28 16 16-0300 | EA | 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 4,408.00 | 172.03 |
| 26 28 16 16-0301 | EA | 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 6,227.38 | 271.68 |
| 26 28 16 16-0302 | EA | 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 11,908.84 | 421.72 |
| 26 28 16 16-0303 | EA | 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 17,074.04 | 623.00 |
| 26 28 16 16-0304 | | 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)* | | |
| 26 28 16 16-0305 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 1,861.03 | 172.91 |
| 26 28 16 16-0306 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,331.55 | 229.12 |
| 26 28 16 16-0307 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 4,463.17 | 254.63 |
| 26 28 16 16-0308 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 6,341.45 | 398.50 |
| 26 28 16 16-0309 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 12,374.78 | 654.67 |
| 26 28 16 16-0310 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 17,661.31 | 916.57 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0311 | | 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)* | | |
| 26 28 16 16-0312 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,251.09 | 190.95 |
| 26 28 16 16-0313 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,564.20 | 254.63 |
| 26 28 16 16-0314 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 4,649.39 | 286.42 |
| 26 28 16 16-0315 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 6,574.62 | 436.45 |
| 26 28 16 16-0316 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 12,777.55 | 705.06 |
| 26 28 16 16-0317 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 18,180.65 | 1,018.42 |
| 26 28 16 16-0318 | | 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)* | | |
| 26 28 16 16-0319 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,227.40 | 172.91 |
| 26 28 16 16-0320 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,789.55 | 229.12 |
| 26 28 16 16-0321 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 5,379.62 | 254.63 |
| 26 28 16 16-0322 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 7,594.66 | 398.50 |
| 26 28 16 16-0323 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 14,841.26 | 654.67 |
| 26 28 16 16-0324 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 21,050.85 | 916.57 |
| 26 28 16 16-0325 | | 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)* | | |
| 26 28 16 16-0326 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,684.00 | 190.95 |
| 26 28 16 16-0327 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,055.11 | 254.63 |
| 26 28 16 16-0328 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 5,584.85 | 286.42 |
| 26 28 16 16-0329 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 7,838.30 | 436.45 |
| 26 28 16 16-0330 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 15,277.31 | 705.06 |
| 26 28 16 16-0331 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 21,616.40 | 1,018.42 |
| 26 28 16 16-0332 | | Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)* | | |
| 26 28 16 16-0333 | | 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)* | | |
| 26 28 16 16-0334 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 1,592.20 | 109.99 |
| 26 28 16 16-0335 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 1,936.52 | 153.00 |
| 26 28 16 16-0336 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,653.94 | 175.99 |
| 26 28 16 16-0337 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 5,066.86 | 281.14 |
| 26 28 16 16-0338 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 9,227.87 | 468.13 |
| 26 28 16 16-0339 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 13,219.04 | 637.74 |
| 26 28 16 16-0340 | | 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)* | | |
| 26 28 16 16-0341 | EA | 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 1,810.98 | 121.33 |
| 26 28 16 16-0342 | EA | 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,206.45 | 171.59 |
| 26 28 16 16-0343 | EA | 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 4,164.75 | 195.57 |
| 26 28 16 16-0344 | EA | 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 5,759.23 | 305.56 |
| 26 28 16 16-0345 | EA | 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 10,481.90 | 502.88 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0346 | EA | 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 15,057.84 | 703.95 |
| 26 28 16 16-0347 | | 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)* | | |
| 26 28 16 16-0348 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 1,658.65 | 143.21 |
| 26 28 16 16-0349 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,003.03 | 199.31 |
| 26 28 16 16-0350 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,088.75 | 229.12 |
| 26 28 16 16-0351 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 4,035.23 | 366.60 |
| 26 28 16 16-0352 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 5,726.67 | 611.12 |
| 26 28 16 16-0353 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 14,003.47 | 833.31 |
| 26 28 16 16-0354 | | 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)* | | |
| 26 28 16 16-0355 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 1,884.31 | 158.05 |
| 26 28 16 16-0356 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,310.49 | 223.61 |
| 26 28 16 16-0357 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 4,282.88 | 254.63 |
| 26 28 16 16-0358 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 5,945.07 | 398.50 |
| 26 28 16 16-0359 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 11,880.85 | 654.67 |
| 26 28 16 16-0360 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 15,932.54 | 916.57 |
| 26 28 16 16-0361 | | 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)* | | |
| 26 28 16 16-0362 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,284.99 | 143.21 |
| 26 28 16 16-0363 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,737.69 | 199.31 |
| 26 28 16 16-0364 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 6,177.85 | 229.12 |
| 26 28 16 16-0365 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 9,422.91 | 366.60 |
| 26 28 16 16-0366 | | 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)* | | |
| 26 28 16 16-0367 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,600.13 | 158.05 |
| 26 28 16 16-0368 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,120.46 | 223.61 |
| 26 28 16 16-0369 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 7,045.85 | 254.63 |
| 26 28 16 16-0370 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 10,728.05 | 398.50 |
| 26 28 16 16-0371 | | Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)* | | |
| 26 28 16 16-0372 | | 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)* | | |
| 26 28 16 16-0373 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,023.23 | 190.83 |
| 26 28 16 16-0374 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,443.19 | 254.63 |
| 26 28 16 16-0375 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 6,202.48 | 286.53 |
| 26 28 16 16-0376 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 8,068.33 | 436.67 |
| 26 28 16 16-0377 | | 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)* | | |
| 26 28 16 16-0378 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 2,832.66 | 157.84 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0379 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,244.03 | 223.84 |
| 26 28 16 16-0380 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 5,864.70 | 254.63 |
| 26 28 16 16-0381 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 7,967.73 | 398.72 |
| 26 28 16 16-0382 | | Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)* | | |
| 26 28 16 16-0383 | | 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)* | | |
| 26 28 16 16-0384 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,459.12 | 190.83 |
| 26 28 16 16-0385 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,930.95 | 254.63 |
| 26 28 16 16-0386 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 7,124.90 | 286.53 |
| 26 28 16 16-0387 | | 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)* | | |
| 26 28 16 16-0388 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,245.09 | 157.84 |
| 26 28 16 16-0389 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 3,705.85 | 223.84 |
| 26 28 16 16-0390 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch | 6,750.08 | 254.63 |
| 26 28 16 16-0391 | | NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0001)*<br>Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500. | | |
| 26 28 16 16-0392 | | Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0391)*<br>Note: With fuses and neutral bar. | | |
| 26 28 16 16-0393 | EA | 30 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch | 2,730.35 | 219.99 |
| 26 28 16 16-0394 | EA | 60 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch | 3,082.04 | 261.90 |
| 26 28 16 16-0395 | EA | 100 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch | 3,417.50 | 295.66 |
| 26 28 16 16-0396 | EA | 200 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch | 7,265.38 | 458.34 |
| 26 28 16 16-0397 | | Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)* | | |
| 26 28 16 16-0398 | EA | 60 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch | 2,113.52 | 261.90 |
| 26 28 16 16-0399 | EA | 100 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch | 2,474.27 | 295.66 |
| 26 28 16 16-0400 | EA | 200 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch | 4,555.44 | 458.34 |
| 26 28 16 16-0401 | | NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)* | | |
| 26 28 16 16-0402 | | Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)*<br>Note: With fuses and neutral bar. | | |
| 26 28 16 16-0403 | | 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)* | | |
| 26 28 16 16-0404 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 600.25 | 109.99 |
| 26 28 16 16-0405 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 784.74 | 132.54 |
| 26 28 16 16-0406 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,072.88 | 155.09 |
| 26 28 16 16-0407 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,810.92 | 244.18 |
| 26 28 16 16-0408 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 3,875.95 | 379.47 |
| 26 28 16 16-0409 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 7,007.97 | 560.97 |
| 26 28 16 16-0410 | | 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)* | | |
| 26 28 16 16-0411 | EA | 30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 946.55 | 122.09 |
| 26 28 16 16-0412 | EA | 60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 974.27 | 147.39 |
| 26 28 16 16-0413 | EA | 100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,406.56 | 172.14 |
| 26 28 16 16-0414 | EA | 200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 2,200.42 | 271.68 |
| 26 28 16 16-0415 | EA | 400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 4,814.65 | 421.28 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0416 | EA | 600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 9,541.29 | 623.11 |
| 26 28 16 16-0417 | | 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)* | | |
| 26 28 16 16-0418 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 832.62 | 172.69 |
| 26 28 16 16-0419 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,154.20 | 229.34 |
| 26 28 16 16-0420 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,580.31 | 254.63 |
| 26 28 16 16-0421 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 2,347.26 | 398.72 |
| 26 28 16 16-0422 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 4,617.79 | 654.45 |
| 26 28 16 16-0423 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 7,424.33 | 916.79 |
| 26 28 16 16-0424 | | 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)* | | |
| 26 28 16 16-0425 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,112.13 | 190.83 |
| 26 28 16 16-0426 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,256.28 | 254.63 |
| 26 28 16 16-0427 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,859.14 | 286.53 |
| 26 28 16 16-0428 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 2,704.07 | 436.67 |
| 26 28 16 16-0429 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 5,684.62 | 705.06 |
| 26 28 16 16-0430 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 10,720.64 | 1,018.53 |
| 26 28 16 16-0431 | | 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)* | | |
| 26 28 16 16-0432 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 890.74 | 172.69 |
| 26 28 16 16-0433 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,194.13 | 229.34 |
| 26 28 16 16-0434 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,705.63 | 254.63 |
| 26 28 16 16-0435 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 2,504.60 | 398.72 |
| 26 28 16 16-0436 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 5,039.08 | 654.45 |
| 26 28 16 16-0437 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 7,708.94 | 916.79 |
| 26 28 16 16-0438 | | 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)* | | |
| 26 28 16 16-0439 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,179.51 | 190.83 |
| 26 28 16 16-0440 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,436.03 | 254.63 |
| 26 28 16 16-0441 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,982.73 | 286.53 |
| 26 28 16 16-0442 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 2,939.98 | 436.67 |
| 26 28 16 16-0443 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 6,066.57 | 705.06 |
| 26 28 16 16-0444 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 11,035.18 | 1,018.53 |
| 26 28 16 16-0445 | | Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)* | | |
| 26 28 16 16-0446 | | 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)* | | |
| 26 28 16 16-0447 | EA | 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 628.54 | 158.94 |
| 26 28 16 16-0448 | EA | 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 832.86 | 221.64 |
| 26 28 16 16-0449 | EA | 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,106.81 | 254.63 |
| 26 28 16 16-0450 | EA | 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,575.79 | 407.52 |
| 26 28 16 16-0451 | EA | 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 3,479.39 | 679.20 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0452 | EA | 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 5,519.24 | 926.14 |
| 26 28 16 16-0453 | | 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)* | | |
| 26 28 16 16-0454 | EA | 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 700.69 | 175.44 |
| 26 28 16 16-0455 | EA | 60 Amperes, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase | 925.54 | 248.59 |
| 26 28 16 16-0456 | EA | 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,233.65 | 282.68 |
| 26 28 16 16-0457 | EA | 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,712.11 | 442.72 |
| 26 28 16 16-0458 | EA | 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 3,683.48 | 727.60 |
| 26 28 16 16-0459 | EA | 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 6,098.11 | 1,018.53 |
| 26 28 16 16-0460 | | 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)* | | |
| 26 28 16 16-0461 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 809.32 | 142.99 |
| 26 28 16 16-0462 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,063.54 | 199.08 |
| 26 28 16 16-0463 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,420.30 | 229.34 |
| 26 28 16 16-0464 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 2,022.71 | 366.82 |
| 26 28 16 16-0465 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 4,279.45 | 611.01 |
| 26 28 16 16-0466 | EA | 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 6,768.41 | 833.20 |
| 26 28 16 16-0467 | | 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)* | | |
| 26 28 16 16-0468 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 790.15 | 157.84 |
| 26 28 16 16-0469 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,149.25 | 223.84 |
| 26 28 16 16-0470 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,520.27 | 254.63 |
| 26 28 16 16-0471 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,993.45 | 398.72 |
| 26 28 16 16-0472 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 4,292.03 | 654.45 |
| 26 28 16 16-0473 | EA | 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 8,068.00 | 916.79 |
| 26 28 16 16-0474 | | 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)* | | |
| 26 28 16 16-0475 | EA | 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 975.59 | 142.99 |
| 26 28 16 16-0476 | EA | 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,158.10 | 199.08 |
| 26 28 16 16-0477 | EA | 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,807.69 | 229.34 |
| 26 28 16 16-0478 | EA | 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 2,866.15 | 366.82 |
| 26 28 16 16-0479 | EA | 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 5,207.00 | 467.47 |
| 26 28 16 16-0480 | | 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)* | | |
| 26 28 16 16-0481 | EA | 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,012.58 | 157.84 |
| 26 28 16 16-0482 | EA | 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,261.59 | 223.84 |
| 26 28 16 16-0483 | EA | 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 1,930.31 | 254.63 |
| 26 28 16 16-0484 | EA | 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 2,942.70 | 398.72 |
| 26 28 16 16-0485 | EA | 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch | 5,525.86 | 615.96 |
| 26 28 16 16-0486 | | Double Throw Safety Switches *(26 28 16 16-0001)* | | |
| 26 28 16 16-0487 | | NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)* | | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0488 | | 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)* | | |
| 26 28 16 16-0489 | EA | 30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 753.18 | 141.34 |
| 26 28 16 16-0490 | EA | 60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,114.72 | 184.79 |
| 26 28 16 16-0491 | EA | 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,565.08 | 241.44 |
| 26 28 16 16-0492 | EA | 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,087.72 | 314.02 |
| 26 28 16 16-0493 | EA | 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 5,068.67 | 392.68 |
| 26 28 16 16-0494 | EA | 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 9,228.74 | 629.71 |
| 26 28 16 16-0495 | | 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)* | | |
| 26 28 16 16-0496 | EA | 30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 948.74 | 197.98 |
| 26 28 16 16-0497 | EA | 60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,325.87 | 258.48 |
| 26 28 16 16-0498 | EA | 100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,000.22 | 338.22 |
| 26 28 16 16-0499 | EA | 200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,942.09 | 439.97 |
| 26 28 16 16-0500 | EA | 400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 6,983.82 | 549.96 |
| 26 28 16 16-0501 | EA | 600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 9,735.49 | 879.94 |
| 26 28 16 16-0502 | | 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)* | | |
| 26 28 16 16-0503 | EA | 30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,261.96 | 247.48 |
| 26 28 16 16-0504 | EA | 60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,839.15 | 323.38 |
| 26 28 16 16-0505 | EA | 100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,276.94 | 422.37 |
| 26 28 16 16-0506 | EA | 200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 4,491.35 | 548.87 |
| 26 28 16 16-0507 | EA | 400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 9,087.87 | 687.45 |
| 26 28 16 16-0508 | EA | 600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 11,477.93 | 1,101.58 |
| 26 28 16 16-0509 | | 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)* | | |
| 26 28 16 16-0510 | EA | 60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,289.90 | 184.79 |
| 26 28 16 16-0511 | EA | 100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,942.82 | 241.44 |
| 26 28 16 16-0512 | EA | 200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,867.43 | 314.02 |
| 26 28 16 16-0513 | EA | 400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 6,792.46 | 392.68 |
| 26 28 16 16-0514 | EA | 600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 10,035.80 | 629.71 |
| 26 28 16 16-0515 | | 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)* | | |
| 26 28 16 16-0516 | EA | 60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,437.12 | 258.48 |
| 26 28 16 16-0517 | EA | 100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,135.83 | 338.22 |
| 26 28 16 16-0518 | EA | 200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,118.26 | 439.97 |
| 26 28 16 16-0519 | EA | 400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 7,106.79 | 549.96 |
| 26 28 16 16-0520 | EA | 600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 10,537.86 | 879.94 |
| 26 28 16 16-0521 | | 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)* | | |
| 26 28 16 16-0522 | EA | 60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,948.77 | 323.38 |
| 26 28 16 16-0523 | EA | 100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,435.62 | 422.37 |
| 26 28 16 16-0524 | EA | 200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 4,818.88 | 548.87 |
| 26 28 16 16-0525 | EA | 400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 9,786.26 | 687.45 |
| 26 28 16 16-0526 | EA | 600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch | 12,260.29 | 1,101.58 |
| 26 28 16 16-0527 | | NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)* | | |
| 26 28 16 16-0528 | | 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0527)* | | |
| 26 28 16 16-0529 | EA | 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 1,962.23 | 241.44 |
| 26 28 16 16-0530 | EA | 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 4,525.40 | 314.02 |
| 26 28 16 16-0531 | EA | 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 14,888.52 | 392.68 |
| 26 28 16 16-0532 | EA | 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 25,647.64 | 629.71 |
| 26 28 16 16-0533 | | 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0527)* | | |
| 26 28 16 16-0534 | EA | 100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 2,569.74 | 337.68 |
| 26 28 16 16-0535 | EA | 200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 4,159.94 | 439.42 |
| 26 28 16 16-0536 | EA | 400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 15,335.74 | 549.96 |
| 26 28 16 16-0537 | EA | 600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 16,636.56 | 881.60 |
| 26 28 16 16-0538 | | 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0527)* | | |
| 26 28 16 16-0539 | EA | 30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 2,484.92 | 247.59 |
| 26 28 16 16-0540 | EA | 60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 3,079.72 | 323.16 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0541 | EA | 100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 4,321.89 | 422.26 |
| 26 28 16 16-0542 | EA | 200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 6,256.24 | 549.09 |
| 26 28 16 16-0543 | EA | 400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 10,648.70 | 687.45 |
| 26 28 16 16-0544 | EA | 600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 12,391.07 | 1,101.68 |
| 26 28 16 16-0545 | | 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0527)* | | |
| 26 28 16 16-0546 | EA | 60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 1,666.30 | 184.79 |
| 26 28 16 16-0547 | EA | 100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 2,540.38 | 241.44 |
| 26 28 16 16-0548 | EA | 200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 4,637.61 | 314.02 |
| 26 28 16 16-0549 | EA | 400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 8,945.58 | 392.68 |
| 26 28 16 16-0550 | EA | 600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 11,943.54 | 629.71 |
| 26 28 16 16-0551 | | 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0527)* | | |
| 26 28 16 16-0552 | EA | 60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 1,882.52 | 258.48 |
| 26 28 16 16-0553 | EA | 100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 2,841.93 | 337.68 |
| 26 28 16 16-0554 | EA | 200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 5,099.43 | 439.42 |
| 26 28 16 16-0555 | EA | 400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 9,689.42 | 549.96 |
| 26 28 16 16-0556 | EA | 600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 13,007.21 | 881.60 |
| 26 28 16 16-0557 | | 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0527)* | | |
| 26 28 16 16-0558 | EA | 60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 3,105.11 | 323.16 |
| 26 28 16 16-0559 | EA | 100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 4,333.53 | 422.26 |
| 26 28 16 16-0560 | EA | 200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 6,417.97 | 549.09 |
| 26 28 16 16-0561 | EA | 400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 10,629.61 | 687.45 |
| 26 28 16 16-0562 | EA | 600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch | 12,496.32 | 1,101.68 |
| 26 28 16 16-0563 | | NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)* | | |
| 26 28 16 16-0564 | | 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0563)* | | |
| 26 28 16 16-0565 | EA | 30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 1,994.56 | 141.45 |
| 26 28 16 16-0566 | EA | 60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,256.76 | 184.68 |
| 26 28 16 16-0567 | EA | 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,550.21 | 241.33 |
| 26 28 16 16-0568 | EA | 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,507.67 | 313.81 |
| 26 28 16 16-0569 | EA | 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 6,574.21 | 392.79 |
| 26 28 16 16-0570 | EA | 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 9,635.42 | 629.49 |
| 26 28 16 16-0571 | | 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0563)* | | |
| 26 28 16 16-0572 | EA | 30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,288.33 | 197.98 |
| 26 28 16 16-0573 | EA | 60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,704.17 | 258.48 |
| 26 28 16 16-0574 | EA | 100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,205.83 | 337.68 |
| 26 28 16 16-0575 | EA | 200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 4,472.97 | 439.42 |
| 26 28 16 16-0576 | EA | 400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 8,178.92 | 549.96 |
| 26 28 16 16-0577 | EA | 600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 10,791.49 | 881.60 |
| 26 28 16 16-0578 | | 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0563)* | | |
| 26 28 16 16-0579 | EA | 30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,423.97 | 247.59 |
| 26 28 16 16-0580 | EA | 60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 4,002.56 | 323.16 |
| 26 28 16 16-0581 | EA | 100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 5,489.81 | 422.26 |
| 26 28 16 16-0582 | EA | 200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 7,460.02 | 549.09 |
| 26 28 16 16-0583 | EA | 400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 13,844.45 | 687.45 |
| 26 28 16 16-0584 | EA | 600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 17,175.84 | 1,101.68 |
| 26 28 16 16-0585 | | 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0563)* | | |
| 26 28 16 16-0586 | EA | 60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 2,983.44 | 184.68 |
| 26 28 16 16-0587 | EA | 100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,132.32 | 241.33 |
| 26 28 16 16-0588 | EA | 200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 5,953.67 | 313.81 |
| 26 28 16 16-0589 | EA | 400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 8,597.87 | 392.79 |
| 26 28 16 16-0590 | EA | 600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 11,533.86 | 629.49 |
| 26 28 16 16-0591 | | 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0563)* | | |
| 26 28 16 16-0592 | EA | 60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,268.74 | 258.48 |
| 26 28 16 16-0593 | EA | 100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 3,464.92 | 337.68 |
| 26 28 16 16-0594 | EA | 200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 6,484.55 | 439.42 |
| 26 28 16 16-0595 | EA | 400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 9,323.07 | 549.96 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 28 16 16-0596 | EA | 600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 12,575.54 | 881.60 |
| 26 28 16 16-0597 | | 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0563)* | | |
| 26 28 16 16-0598 | EA | 60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 4,043.96 | 323.16 |
| 26 28 16 16-0599 | EA | 100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 5,795.19 | 422.26 |
| 26 28 16 16-0600 | EA | 200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 7,640.02 | 549.09 |
| 26 28 16 16-0601 | EA | 400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 14,231.89 | 687.45 |
| 26 28 16 16-0602 | EA | 600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch | 17,689.38 | 1,101.68 |
| 26 28 16 16-0603 | | Removal And Reinstallation Of Disconnect Switches *(26 28 16 16-0001)*<br>Note: Includes storage and cleaning. | | |
| 26 28 16 16-0604 | EA | Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch | 549.96 | |
| 26 28 16 16-0605 | EA | Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch | 714.98 | |
| 26 28 16 16-0606 | EA | Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch | 797.51 | |
| 26 28 16 16-0607 | EA | Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch | 935.00 | |
| 26 28 16 16-0608 | | Bolted Contact Switches *(26 28 16 16)*<br>Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch. | | |
| 26 28 16 16-0609 | | Electrical Trip, Bolted Contact Switches *(26 28 16 16-0608)* | | |
| 26 28 16 16-0610 | | Top Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0609)* | | |
| 26 28 16 16-0611 | EA | 800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480) | 8,874.14 | 1,099.93 |
| 26 28 16 16-0612 | EA | 1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480) | 9,600.46 | 1,319.92 |
| 26 28 16 16-0613 | EA | 1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480) | 10,442.43 | 1,539.90 |
| 26 28 16 16-0614 | EA | 2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480) | 11,020.07 | 1,759.89 |
| 26 28 16 16-0615 | EA | 2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480) | 12,445.77 | 1,979.87 |
| 26 28 16 16-0616 | EA | 3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480) | 15,622.64 | 2,199.86 |
| 26 28 16 16-0617 | EA | 4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480) | 21,073.25 | 2,639.83 |
| 26 28 16 16-0618 | | Bottom Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0609)* | | |
| 26 28 16 16-0619 | EA | 800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480) | 9,408.30 | 1,099.93 |
| 26 28 16 16-0620 | EA | 1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480) | 10,239.26 | 1,319.92 |
| 26 28 16 16-0621 | EA | 1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480) | 11,075.72 | 1,539.90 |
| 26 28 16 16-0622 | EA | 2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480) | 11,928.70 | 1,759.89 |
| 26 28 16 16-0623 | EA | 2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480) | 13,425.99 | 1,979.87 |
| 26 28 16 16-0624 | EA | 3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480) | 17,461.92 | 2,199.86 |
| 26 28 16 16-0625 | EA | 4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480) | 22,989.63 | 2,639.83 |
| 26 28 16 16-0626 | | Manually Operated, Bolted Contact Switches *(26 28 16 16-0608)* | | |
| 26 28 16 16-0627 | | Top Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0626)* | | |
| 26 28 16 16-0628 | EA | 800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480) | 6,473.16 | 1,099.93 |
| 26 28 16 16-0629 | EA | 1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480) | 7,228.12 | 1,319.92 |
| 26 28 16 16-0630 | EA | 1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480) | 8,028.24 | 1,539.90 |
| 26 28 16 16-0631 | EA | 2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480) | 8,821.75 | 1,759.89 |
| 26 28 16 16-0632 | EA | 2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480) | 9,670.33 | 1,979.87 |
| 26 28 16 16-0633 | EA | 3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480) | 12,847.20 | 2,199.86 |
| 26 28 16 16-0634 | EA | 4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480) | 18,231.72 | 2,639.83 |
| 26 28 16 16-0635 | | Bottom Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0626)* | | |
| 26 28 16 16-0636 | EA | 800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480) | 6,826.70 | 1,099.93 |
| 26 28 16 16-0637 | EA | 1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480) | 7,762.28 | 1,319.92 |
| 26 28 16 16-0638 | EA | 1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480) | 8,545.88 | 1,539.90 |
| 26 28 16 16-0639 | EA | 2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480) | 9,505.69 | 1,759.89 |
| 26 28 16 16-0640 | EA | 2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480) | 10,529.40 | 1,979.87 |
| 26 28 16 16-0641 | EA | 3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480) | 14,548.81 | 2,199.86 |
| 26 28 16 16-0642 | EA | 4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480) | 20,015.94 | 2,639.83 |

## 26 29 Low-Voltage Controllers *(26 20)*

### 26 29 13 Enclosed Controllers *(26 29)*

### 26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0001 | | Manual Motor Starters *(26 29 13 13)* | | |
| 26 29 13 13-0002 | | Fractional HP Manual Motor Starters *(26 29 13 13-0001)* | | |
| 26 29 13 13-0003 | EA | NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1) | 221.65 | 55.09 |
| | | *For Flush Cover Plate In Lieu Of NEMA 1, Deduct* | *-3.11* | |
| | | *For Oversized Enclosure, Add* | *31.10* | |
| | | *For Pilot Light, Add* | *45.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0004 | EA | NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2) | 290.49 | 71.62 |
| | | *For Flush Cover Plate In Lieu Of NEMA 1, Deduct* | *-3.11* | |
| | | *For Oversized Enclosure, Add* | *31.10* | |
| | | *For Pilot Light, Add* | *45.62* | |
| 26 29 13 13-0005 | EA | NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3) | 252.76 | 55.09 |
| | | *For Flush Cover Plate In Lieu Of NEMA 1, Deduct* | *-3.11* | |
| | | *For Oversized Enclosure, Add* | *31.10* | |
| | | *For Pilot Light, Add* | *45.62* | |
| 26 29 13 13-0006 | EA | NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4) | 321.59 | 71.62 |
| | | *For Flush Cover Plate In Lieu Of NEMA 1, Deduct* | *-3.11* | |
| | | *For Oversized Enclosure, Add* | *31.10* | |
| | | *For Pilot Light, Add* | *45.62* | |
| 26 29 13 13-0007 | EA | NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5) | 235.13 | 55.09 |
| | | *For Oversized Enclosure, Add* | *31.10* | |
| 26 29 13 13-0008 | EA | NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6) | 308.12 | 71.62 |
| | | *For Oversized Enclosure, Add* | *31.10* | |
| 26 29 13 13-0009 | EA | NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1) | 486.30 | 66.11 |
| | | *For Pilot Light, Add* | *119.23* | |
| 26 29 13 13-0010 | EA | NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2) | 558.25 | 82.64 |
| | | *For Pilot Light, Add* | *119.23* | |
| 26 29 13 13-0011 | EA | NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1) | 517.40 | 66.11 |
| 26 29 13 13-0012 | EA | NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2) | 586.24 | 82.64 |

## 26 29 13 13-0013 Non Reversing Manual Motor Starters *(26 29 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0014 | EA | NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1)<br>Note: NEMA 1 or flush cover plate installation. | 176.22 | 55.09 |
| | | *For Oversize Enclosure, Add* | *15.01* | |
| | | *For Pilot Light, Add* | *72.03* | |
| 26 29 13 13-0015 | EA | NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2)<br>Note: NEMA 1 or flush cover plate installation. | 292.31 | 71.62 |
| | | *For Oversize Enclosure, Add* | *15.01* | |
| | | *For Pilot Light, Add* | *72.03* | |
| 26 29 13 13-0016 | EA | NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5)<br>Note: NEMA 1 or flush cover plate installation. | 199.24 | 60.61 |
| | | *For Oversize Enclosure, Add* | *15.01* | |
| | | *For Pilot Light, Add* | *72.03* | |
| 26 29 13 13-0017 | EA | NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6)<br>Note: NEMA 1 or flush cover plate installation. | 316.32 | 77.14 |
| | | *For Oversize Enclosure, Add* | *15.01* | |
| | | *For Pilot Light, Add* | *72.03* | |
| 26 29 13 13-0018 | EA | NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3)<br>Note: NEMA 1 or flush cover plate installation. | 205.23 | 55.09 |
| | | *For Oversize Enclosure, Add* | *15.01* | |
| | | *For Pilot Light, Add* | *72.03* | |
| 26 29 13 13-0019 | EA | NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4)<br>Note: NEMA 1 or flush cover plate installation. | 322.32 | 71.62 |
| | | *For Oversize Enclosure, Add* | *15.01* | |
| | | *For Pilot Light, Add* | *72.03* | |
| 26 29 13 13-0020 | EA | NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1) | 446.35 | 66.11 |
| | | *For Pilot Light, Add* | *114.05* | |
| 26 29 13 13-0021 | EA | NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2) | 551.44 | 82.64 |
| | | *For Pilot Light, Add* | *114.05* | |
| 26 29 13 13-0022 | EA | NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5) | 470.38 | 71.62 |
| | | *For Pilot Light, Add* | *114.05* | |
| 26 29 13 13-0023 | EA | NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6) | 572.47 | 88.15 |
| | | *For Pilot Light, Add* | *114.05* | |
| 26 29 13 13-0024 | EA | NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1) | 474.37 | 66.11 |
| 26 29 13 13-0025 | EA | NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2) | 587.46 | 82.64 |
| 26 29 13 13-0026 | EA | Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1) | 129.16 | 38.56 |
| | | *For Pilot Light, Add* | *72.03* | |
| 26 29 13 13-0027 | EA | Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2) | 245.24 | 55.09 |
| | | *For Pilot Light, Add* | *72.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0028 | EA | Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5) | 152.18 | 44.08 |
| | | *For Pilot Light, Add* | *72.03* | |
| 26 29 13 13-0029 | EA | Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6) | 268.27 | 60.61 |
| | | *For Pilot Light, Add* | *72.03* | |
| **26 29 13 13-0030** | | **Reversing Manual Motor Starters** *(26 29 13 13-0001)* | | |
| 26 29 13 13-0031 | EA | NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11) | 485.45 | 99.17 |
| | | *For Pilot Light, Add* | *116.05* | |
| 26 29 13 13-0032 | EA | NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22) | 705.63 | 132.23 |
| | | *For Pilot Light, Add* | *116.05* | |
| **26 29 13 13-0033** | | **Two Speed Manual Motor Starters** *(26 29 13 13-0001)* | | |
| 26 29 13 13-0034 | EA | NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11) | 485.45 | 99.17 |
| 26 29 13 13-0035 | EA | NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22) | 705.63 | 132.23 |
| **26 29 13 13-0036** | | **Non-Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)* | | |
| 26 29 13 13-0037 | EA | NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1) | 450.54 | 66.11 |
| 26 29 13 13-0038 | EA | NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1) | 450.54 | 66.11 |
| 26 29 13 13-0039 | EA | NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11) | 945.34 | 77.14 |
| 26 29 13 13-0040 | EA | NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1) | 945.34 | 77.14 |
| 26 29 13 13-0041 | EA | NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1) | 1,239.78 | 77.14 |
| 26 29 13 13-0042 | EA | Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1) | 575.21 | 77.14 |
| 26 29 13 13-0043 | EA | Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1) | 386.37 | 49.59 |
| 26 29 13 13-0044 | EA | NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1) | 536.21 | 71.62 |
| 26 29 13 13-0045 | EA | NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1) | 536.21 | 71.62 |
| 26 29 13 13-0046 | EA | NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11) | 1,133.65 | 82.64 |
| 26 29 13 13-0047 | EA | NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1) | 1,133.65 | 82.64 |
| 26 29 13 13-0048 | EA | NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1) | 1,450.91 | 82.64 |
| 26 29 13 13-0049 | EA | Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1) | 660.89 | 82.64 |
| 26 29 13 13-0050 | EA | Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1) | 472.04 | 55.09 |
| 26 29 13 13-0051 | EA | NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2) | 707.91 | 77.14 |
| 26 29 13 13-0052 | EA | NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2) | 707.91 | 77.14 |
| 26 29 13 13-0053 | EA | NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12) | 1,349.96 | 88.15 |
| 26 29 13 13-0054 | EA | NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2) | 1,349.96 | 88.15 |
| 26 29 13 13-0055 | EA | NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2) | 1,653.73 | 88.15 |
| 26 29 13 13-0056 | EA | Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2) | 835.72 | 88.15 |
| 26 29 13 13-0057 | EA | Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2) | 646.87 | 60.61 |
| 26 29 13 13-0058 | EA | NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2) | 557.74 | 82.64 |
| 26 29 13 13-0059 | EA | NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2) | 557.74 | 82.64 |
| 26 29 13 13-0060 | EA | NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12) | 1,052.53 | 93.67 |
| 26 29 13 13-0061 | EA | NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2) | 1,052.53 | 93.67 |
| 26 29 13 13-0062 | EA | NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2) | 1,355.27 | 93.67 |
| 26 29 13 13-0063 | EA | Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2) | 683.44 | 93.67 |
| 26 29 13 13-0064 | EA | Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2) | 496.68 | 66.11 |
| 26 29 13 13-0065 | EA | NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3) | 643.40 | 88.15 |
| 26 29 13 13-0066 | EA | NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3) | 643.40 | 88.15 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0067 | EA | NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13) | 1,240.84 | 99.17 |
| 26 29 13 13-0068 | EA | NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3) | 1,240.84 | 99.17 |
| 26 29 13 13-0069 | EA | NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3) | 1,565.35 | 99.17 |
| 26 29 13 13-0070 | EA | Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3) | 768.07 | 99.17 |
| 26 29 13 13-0071 | EA | Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3) | 579.24 | 71.62 |

## 26 29 13 13-0072 Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0073 | EA | NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1) | 1,318.48 | 115.70 |
| 26 29 13 13-0074 | EA | NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1) | 1,318.48 | 115.70 |
| 26 29 13 13-0075 | EA | Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1) | 1,164.25 | 82.64 |
| 26 29 13 13-0076 | EA | NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1) | 1,561.36 | 126.72 |
| 26 29 13 13-0077 | EA | Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1) | 1,407.11 | 93.67 |

## 26 29 13 13-0078 Two Speed Integral HP Manual Motor Starters *(26 29 13 13-0001)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0079 | EA | NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1) | 1,318.48 | 115.70 |
| 26 29 13 13-0080 | EA | Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1) | 1,164.25 | 82.64 |
| 26 29 13 13-0081 | EA | NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1) | 1,561.36 | 126.72 |
| 26 29 13 13-0082 | EA | Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1) | 1,407.11 | 93.67 |

## 26 29 13 13-0083 Magnetic Motor Starters *(26 29 13 13)*

## 26 29 13 13-0084 Non Reversing, Magnetic Contactors *(26 29 13 13-0083)*

## 26 29 13 13-0085 Open Enclosure, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0086 | EA | Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11) | 517.93 | 110.19 |
| | | *For Factory Installed Accessory, Deduct* | *-220.38* | |
| 26 29 13 13-0087 | EA | Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12) | 583.52 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0088 | EA | Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5) | 561.48 | 110.19 |
| | | *For Factory Installed Accessory, Deduct* | *-220.38* | |
| 26 29 13 13-0089 | EA | Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1) | 628.10 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0090 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2) | 693.68 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0091 | EA | Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3) | 876.95 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0092 | EA | Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4) | 1,105.84 | 198.34 |
| | | *For Factory Installed Accessory, Deduct* | *-396.69* | |
| 26 29 13 13-0093 | EA | Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5) | 656.09 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0094 | EA | Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1) | 721.68 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0095 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2) | 789.32 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0096 | EA | Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3) | 1,006.70 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |
| 26 29 13 13-0097 | EA | Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4) | 1,234.54 | 225.90 |
| | | *For Factory Installed Accessory, Deduct* | *-451.78* | |
| 26 29 13 13-0098 | EA | Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1) | 1,121.87 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0099 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2) | 1,245.00 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0100 | EA | Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3) | 1,621.64 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0101 | EA | Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1) | 1,688.74 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0102 | EA | Size 3, 3 Phase, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2) | 1,918.16 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0103 | EA | Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3) | 2,440.99 | 275.47 |
| | | *For Factory Installed Accessory, Deduct* | *-550.95* | |
| 26 29 13 13-0104 | EA | Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4) | 3,496.72 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0105 | EA | Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1) | 3,829.23 | 275.47 |
| | | *For Factory Installed Accessory, Deduct* | *-550.95* | |
| 26 29 13 13-0106 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2) | 4,205.88 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0107 | EA | Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3) | 5,703.26 | 385.67 |
| | | *For Factory Installed Accessory, Deduct* | *-771.33* | |
| 26 29 13 13-0108 | EA | Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1) | 7,765.12 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0109 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2) | 8,606.53 | 440.76 |
| | | *For Factory Installed Accessory, Deduct* | *-881.53* | |
| 26 29 13 13-0110 | EA | Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2) | 22,409.22 | 661.15 |
| | | *For Factory Installed Accessory, Deduct* | *-1,322.29* | |
| 26 29 13 13-0111 | EA | Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2) | 32,078.89 | 991.71 |
| | | *For Factory Installed Accessory, Deduct* | *-1,983.44* | |

## 26 29 13 13-0112 NEMA 1, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0113 | EA | Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11) | 550.07 | 110.19 |
| | | *For Factory Installed Accessory, Deduct* | *-220.38* | |
| 26 29 13 13-0114 | EA | Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12) | 615.66 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0115 | EA | Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5) | 593.62 | 110.19 |
| | | *For Factory Installed Accessory, Deduct* | *-220.38* | |
| 26 29 13 13-0116 | EA | Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1) | 661.28 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0117 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2) | 726.86 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0118 | EA | Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3) | 912.20 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0119 | EA | Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4) | 1,142.13 | 198.34 |
| | | *For Factory Installed Accessory, Deduct* | *-396.69* | |
| 26 29 13 13-0120 | EA | Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5) | 690.31 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0121 | EA | Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1) | 757.96 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0122 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2) | 823.54 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0123 | EA | Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3) | 1,041.95 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |
| 26 29 13 13-0124 | EA | Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4) | 1,268.76 | 225.90 |
| | | *For Factory Installed Accessory, Deduct* | *-451.78* | |
| 26 29 13 13-0125 | EA | Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1) | 1,275.31 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0126 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2) | 1,399.48 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0127 | EA | Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3) | 1,775.09 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0128 | EA | Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1) | 1,990.44 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0129 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2) | 2,218.83 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0130 | EA | Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3) | 2,742.69 | 275.47 |
| | | *For Factory Installed Accessory, Deduct* | *-550.95* | |
| 26 29 13 13-0131 | EA | Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1) | 4,454.40 | 275.47 |
| | | *For Factory Installed Accessory, Deduct* | *-550.95* | |
| 26 29 13 13-0132 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2) | 4,831.05 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0133 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2) | 9,745.94 | 440.76 |
| | | *For Factory Installed Accessory, Deduct* | *-881.53* | |
| 26 29 13 13-0134 | EA | Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2) | 27,419.94 | 661.15 |
| | | *For Factory Installed Accessory, Deduct* | *-1,322.29* | |
| 26 29 13 13-0135 | EA | Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJG2) | 37,104.13 | 991.71 |
| | | *For Factory Installed Accessory, Deduct* | *-1,983.44* | |

### 26 29 13 13-0136 NEMA 12, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0137 | EA | Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1) | 838.56 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0138 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2) | 904.15 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0139 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2) | 1,000.83 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0140 | EA | Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1) | 1,598.79 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0141 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2) | 1,723.99 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0142 | EA | Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1) | 2,374.05 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0143 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2) | 2,601.39 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0144 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2) | 6,101.10 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0145 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2) | 12,996.22 | 440.76 |
| | | *For Factory Installed Accessory, Deduct* | *-881.53* | |
| 26 29 13 13-0146 | EA | Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2) | 31,405.30 | 661.15 |
| | | *For Factory Installed Accessory, Deduct* | *-1,322.29* | |

### 26 29 13 13-0147 NEMA 4/4X, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Brushed stainless steel enclosure.

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0148 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12) | 1,244.21 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0149 | EA | Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11) | 1,289.83 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0150 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12) | 1,355.40 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0151 | EA | Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13) | 1,573.81 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |
| 26 29 13 13-0152 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12) | 2,463.21 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0153 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12) | 3,724.22 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0154 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12) | 7,401.21 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0155 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12) | 12,996.22 | 440.76 |
| | | *For Factory Installed Accessory, Deduct* | *-881.53* | |
| 26 29 13 13-0156 | EA | Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2) | 34,801.76 | 661.15 |
| | | *For Factory Installed Accessory, Deduct* | *-1,322.29* | |

### 26 29 13 13-0157 NEMA 7/9, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Bolted cast iron enclosure.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0158 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2) | 2,498.73 | 176.31 |
| | | *For Factory Installed Accessory, Deduct* | *-352.61* | |

## 26 29 13 13-0159 Non Reversing, Magnetic Starters *(26 29 13 13-0083)*

## 26 29 13 13-0160 Open Enclosure, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0161 | EA | Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11) | 620.57 | 110.19 |
| | | *For Factory Installed Accessory, Deduct* | *-220.38* | |
| 26 29 13 13-0162 | EA | Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12) | 642.61 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0163 | EA | Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1) | 693.42 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0164 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2) | 767.29 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0165 | EA | Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4) | 1,235.44 | 198.34 |
| | | *For Factory Installed Accessory, Deduct* | *-396.69* | |
| 26 29 13 13-0166 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1) | 790.10 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0167 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3) | 929.29 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0168 | EA | Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2) | 972.83 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0169 | EA | Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6) | 1,216.22 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0170 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1) | 1,378.75 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0171 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1) | 2,138.99 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0172 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1) | 4,545.94 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0173 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1) | 10,370.08 | 440.76 |
| | | *For Factory Installed Accessory, Deduct* | *-881.53* | |
| 26 29 13 13-0174 | EA | Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2) | 23,878.32 | 661.15 |
| | | *For Factory Installed Accessory, Deduct* | *-1,322.29* | |
| 26 29 13 13-0175 | EA | Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2) | 34,392.96 | 991.71 |
| | | *For Factory Installed Accessory, Deduct* | *-1,983.44* | |

## 26 29 13 13-0176 NEMA 1, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0177 | EA | Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11) | 654.79 | 110.19 |
| | | *For Factory Installed Accessory, Deduct* | *-220.38* | |
| 26 29 13 13-0178 | EA | Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12) | 676.83 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0179 | EA | Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1) | 727.63 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0180 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2) | 801.51 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0181 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1) | 823.28 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0182 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3) | 898.19 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0183 | EA | Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2) | 1,008.08 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0184 | EA | Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6) | 1,370.70 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0185 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1) | 1,533.23 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0186 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1) | 2,440.70 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0187 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1) | 5,171.11 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0188 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1) | 11,512.60 | 440.76 |
| | | *For Factory Installed Accessory, Deduct* | *-881.53* | |

## 26 29 13 13-0189 NEMA 12, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0190 | EA | Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1) | 904.92 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0191 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2) | 978.80 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0192 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1) | 1,000.57 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0193 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3) | 1,075.47 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0194 | EA | Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2) | 1,185.37 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0195 | EA | Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6) | 1,695.21 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0196 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1) | 1,856.70 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0197 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1) | 2,823.26 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0198 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1) | 6,440.12 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0199 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1) | 14,759.77 | 440.76 |
| | | *For Factory Installed Accessory, Deduct* | *-881.53* | |
| 26 29 13 13-0200 | EA | Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2) | 35,252.76 | 661.15 |
| | | *For Factory Installed Accessory, Deduct* | *-1,322.29* | |

## 26 29 13 13-0201 NEMA 3R, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0202 | EA | Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1) | 904.92 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0203 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2) | 978.80 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0204 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1) | 1,000.57 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0205 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3) | 1,075.47 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0206 | EA | Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2) | 1,185.37 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0207 | EA | Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6) | 1,695.21 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0208 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1) | 1,856.70 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0209 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1) | 2,823.26 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0210 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1) | 6,440.12 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |

## 26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0212 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4) | 2,603.70 | 187.32 |
| | | *For Factory Installed Accessory, Deduct* | *-374.64* | |
| 26 29 13 13-0213 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1) | 3,207.10 | 187.32 |
| | | *For Factory Installed Accessory, Deduct* | *-374.64* | |
| 26 29 13 13-0214 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3) | 3,303.80 | 198.34 |
| | | *For Factory Installed Accessory, Deduct* | *-396.69* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0215 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1) | 5,134.23 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0216 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43) | 6,189.96 | 275.47 |
| | | *For Factory Installed Accessory, Deduct* | *-550.95* | |
| 26 29 13 13-0217 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41) | 9,872.12 | 385.67 |
| | | *For Factory Installed Accessory, Deduct* | *-771.33* | |

## 26 29 13 13-0218 NEMA 4/4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0219 | EA | Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11) | 1,243.94 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0220 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12) | 1,318.86 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0221 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11) | 1,355.15 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0222 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13) | 1,430.05 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0223 | EA | Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12) | 1,539.95 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0224 | EA | Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16) | 2,432.35 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0225 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11) | 3,945.05 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0226 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11) | 7,739.20 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0227 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11) | 17,257.36 | 440.76 |
| | | *For Factory Installed Accessory, Deduct* | *-881.53* | |

## 26 29 13 13-0228 NEMA 4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Glass polyester enclosure.

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0229 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21) | 2,596.96 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0230 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21) | 4,822.16 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0231 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21) | 9,510.01 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |

## 26 29 13 13-0232 NEMA 7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast iron enclosure.

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0233 | EA | Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1) | 2,520.50 | 176.31 |
| | | *For Factory Installed Accessory, Deduct* | *-352.61* | |
| 26 29 13 13-0234 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2) | 2,603.70 | 187.32 |
| | | *For Factory Installed Accessory, Deduct* | *-374.64* | |
| 26 29 13 13-0235 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1) | 2,641.03 | 187.32 |
| | | *For Factory Installed Accessory, Deduct* | *-374.64* | |
| 26 29 13 13-0236 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3) | 2,720.10 | 198.34 |
| | | *For Factory Installed Accessory, Deduct* | *-396.69* | |
| 26 29 13 13-0237 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2) | 2,846.58 | 198.34 |
| | | *For Factory Installed Accessory, Deduct* | *-396.69* | |
| 26 29 13 13-0238 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1) | 4,196.99 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |

## 26 29 13 13-0239 Reversing, Magnetic Starters *(26 29 13 13-0083)*

## 26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters *(26 29 13 13-0239)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0241 | EA | Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13) | 1,181.23 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0242 | EA | Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16) | 1,246.54 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0243 | EA | Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1) | 1,380.55 | 154.26 |
| | | *For Factory Installed Accessory, Deduct* | *-308.53* | |
| 26 29 13 13-0244 | EA | Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2) | 1,431.62 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0245 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10) | 1,467.91 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0246 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2) | 1,570.82 | 176.31 |
| | | *For Factory Installed Accessory, Deduct* | *-352.61* | |
| 26 29 13 13-0247 | EA | Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3) | 1,634.98 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |
| 26 29 13 13-0248 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7) | 1,672.31 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |
| 26 29 13 13-0249 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1) | 2,876.14 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0250 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1) | 4,706.64 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0251 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1) | 10,872.16 | 495.86 |
| | | *For Factory Installed Accessory, Deduct* | *-991.71* | |
| 26 29 13 13-0252 | EA | Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1) | 20,304.57 | 661.15 |
| | | *For Factory Installed Accessory, Deduct* | *-1,322.29* | |
| 26 29 13 13-0253 | EA | Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1) | 65,926.55 | 1,212.10 |
| | | *For Factory Installed Accessory, Deduct* | *-2,424.20* | |

## 26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0255 | EA | Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13) | 1,221.40 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0256 | EA | Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15) | 1,274.53 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0257 | EA | Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16) | 1,311.86 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0258 | EA | Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1) | 1,442.76 | 154.26 |
| | | *For Factory Installed Accessory, Deduct* | *-308.53* | |
| 26 29 13 13-0259 | EA | Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2) | 1,495.90 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0260 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4) | 1,533.23 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0261 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2) | 1,664.13 | 176.31 |
| | | *For Factory Installed Accessory, Deduct* | *-352.61* | |
| 26 29 13 13-0262 | EA | Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6) | 1,728.29 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |
| 26 29 13 13-0263 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8) | 1,765.61 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |
| 26 29 13 13-0264 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2) | 3,118.74 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |
| 26 29 13 13-0265 | EA | Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2) | 5,126.53 | 330.57 |
| | | *For Factory Installed Accessory, Deduct* | *-661.15* | |
| 26 29 13 13-0266 | EA | Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3) | 11,643.52 | 495.86 |
| | | *For Factory Installed Accessory, Deduct* | *-991.71* | |

## 26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0268 | EA | Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2) | 1,761.32 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0269 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4) | 1,798.64 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0270 | EA | Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4) | 2,031.03 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |
| 26 29 13 13-0271 | EA | Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1) | 3,562.48 | 220.38 |
| | | *For Factory Installed Accessory, Deduct* | *-440.76* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0272 | | NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)* | | |
| | | Note: Brushed stainless steel enclosure. | | |
| 26 29 13 13-0273 | EA | Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14) | 2,211.28 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0274 | EA | Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11) | 2,609.66 | 176.31 |
| | | *For Factory Installed Accessory, Deduct* | *-352.61* | |
| 26 29 13 13-0275 | | Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)* | | |
| 26 29 13 13-0276 | EA | NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2) | 164.70 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0277 | EA | NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3) | 281.74 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0278 | EA | NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2) | 164.70 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0279 | EA | NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8) | 281.74 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0280 | EA | NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R) | 281.74 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0281 | EA | Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11) | 139.08 | 11.02 |
| | | *For Factory Installed Accessory, Deduct* | *-22.03* | |
| 26 29 13 13-0282 | EA | External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6) | 123.71 | 11.02 |
| | | *For Factory Installed Accessory, Deduct* | *-22.03* | |
| 26 29 13 13-0283 | EA | External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8) | 164.70 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0284 | EA | External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13) | 139.08 | 11.02 |
| | | *For Factory Installed Accessory, Deduct* | *-22.03* | |
| 26 29 13 13-0285 | EA | External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15) | 185.98 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0286 | EA | 30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6) | 208.83 | 11.02 |
| | | *For Factory Installed Accessory, Deduct* | *-22.03* | |
| 26 29 13 13-0287 | EA | 45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11) | 361.35 | 11.02 |
| | | *For Factory Installed Accessory, Deduct* | *-22.03* | |
| 26 29 13 13-0288 | EA | 60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21) | 383.81 | 11.02 |
| | | *For Factory Installed Accessory, Deduct* | *-22.03* | |
| 26 29 13 13-0289 | EA | 30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8) | 459.08 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0290 | EA | 45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13) | 803.13 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0291 | EA | 60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23) | 803.13 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0292 | EA | Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1) | 47.40 | 8.27 |
| | | *For Factory Installed Accessory, Deduct* | *-16.53* | |
| 26 29 13 13-0293 | EA | 1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3) | 97.70 | 11.02 |
| | | *For Factory Installed Accessory, Deduct* | *-22.03* | |
| 26 29 13 13-0294 | EA | 2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4) | 129.23 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0295 | EA | Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1) | 100.85 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0296 | EA | Terminal Block, Contactor/Starter Accessory (Square D 9999T7) | 55.91 | 8.27 |
| | | *For Factory Installed Accessory, Deduct* | *-16.53* | |
| 26 29 13 13-0297 | EA | Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1) | 33.45 | 8.27 |
| | | *For Factory Installed Accessory, Deduct* | *-16.53* | |
| 26 29 13 13-0298 | EA | 1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39) | 181.64 | 11.02 |
| | | *For Factory Installed Accessory, Deduct* | *-22.03* | |
| 26 29 13 13-0299 | EA | 2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40) | 314.85 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |
| 26 29 13 13-0300 | | Definite Purpose Starters *(26 29 13 13)* | | |
| 26 29 13 13-0301 | | Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)* | | |
| 26 29 13 13-0302 | EA | Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13) | 572.38 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0303 | EA | Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22) | 571.34 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0304 | EA | Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23) | 618.26 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0305 | EA | Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32) | 609.71 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0306 | EA | Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33) | 662.84 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0307 | EA | Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42) | 642.88 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0308 | EA | Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43) | 744.24 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0309 | EA | Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52) | 830.29 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0310 | EA | Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53) | 1,047.13 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |

## 26 29 13 13-0311 NEMA 1, Definite Purpose Starter *(26 29 13 13-0300)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0312 | EA | NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12) | 586.63 | 121.21 |
| | | *For Factory Installed Accessory, Deduct* | *-242.42* | |
| 26 29 13 13-0313 | EA | NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13) | 633.55 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0314 | EA | NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22) | 631.48 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0315 | EA | NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23) | 681.50 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0316 | EA | NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32) | 670.88 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0317 | EA | NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33) | 725.05 | 143.25 |
| | | *For Factory Installed Accessory, Deduct* | *-286.49* | |
| 26 29 13 13-0318 | EA | NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42) | 706.13 | 132.23 |
| | | *For Factory Installed Accessory, Deduct* | *-264.46* | |
| 26 29 13 13-0319 | EA | NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43) | 806.45 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0320 | EA | NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52) | 889.39 | 165.29 |
| | | *For Factory Installed Accessory, Deduct* | *-330.57* | |
| 26 29 13 13-0321 | EA | NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53) | 1,107.26 | 192.84 |
| | | *For Factory Installed Accessory, Deduct* | *-385.67* | |

## 26 29 13 13-0322 Definite Purpose Starter Accessory *(26 29 13 13-0300)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0323 | EA | Start-Stop Push Button Kit, Definite Purpose Starter Accessory<br>Note: Or Hand-Off-Auto Selector Switch Kit | 185.98 | 13.78 |
| | | *For Factory Installed Accessory, Deduct* | *-27.55* | |

## 26 29 13 13-0324 Panel Mounted Miniature Contactor *(26 29 13 13)*

## 26 29 13 13-0325 Non Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0326 | EA | 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K) | 169.29 | 55.09 |
| 26 29 13 13-0327 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K) | 198.97 | 60.61 |
| 26 29 13 13-0328 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K) | 198.97 | 60.61 |
| 26 29 13 13-0329 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K) | 221.39 | 66.11 |
| 26 29 13 13-0330 | EA | 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 187.95 | 55.09 |
| 26 29 13 13-0331 | EA | 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 198.32 | 55.09 |
| 26 29 13 13-0332 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 216.59 | 60.61 |
| 26 29 13 13-0333 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 226.96 | 60.61 |
| 26 29 13 13-0334 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 222.81 | 60.61 |
| 26 29 13 13-0335 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 226.96 | 60.61 |
| 26 29 13 13-0336 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 242.13 | 66.11 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0337 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 233.18 | 60.61 |
| 26 29 13 13-0338 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K) | 252.50 | 66.11 |
| 26 29 13 13-0339 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K) | 235.25 | 60.61 |
| 26 29 13 13-0340 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K) | 235.25 | 60.61 |
| 26 29 13 13-0341 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K) | 262.86 | 66.11 |
| 26 29 13 13-0342 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K) | 262.86 | 66.11 |
| **26 29 13 13-0343** | | **Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)* | | |
| 26 29 13 13-0344 | EA | 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K) | 244.97 | 55.09 |
| 26 29 13 13-0345 | EA | 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K) | 265.71 | 55.09 |
| 26 29 13 13-0346 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K) | 294.35 | 60.61 |
| 26 29 13 13-0347 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K) | 294.35 | 60.61 |
| 26 29 13 13-0348 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K) | 315.09 | 60.61 |
| 26 29 13 13-0349 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K) | 330.25 | 66.11 |
| 26 29 13 13-0350 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K) | 330.25 | 66.11 |
| 26 29 13 13-0351 | EA | 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K) | 283.33 | 55.09 |
| 26 29 13 13-0352 | EA | 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K) | 304.07 | 55.09 |
| 26 29 13 13-0353 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K) | 330.64 | 60.61 |
| 26 29 13 13-0354 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K) | 351.37 | 60.61 |
| 26 29 13 13-0355 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K) | 372.76 | 66.11 |
| 26 29 13 13-0356 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K) | 393.50 | 66.11 |
| 26 29 13 13-0357 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K) | 319.23 | 60.61 |
| 26 29 13 13-0358 | EA | 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K) | 367.96 | 60.61 |
| 26 29 13 13-0359 | EA | 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K) | 416.31 | 66.11 |
| **26 29 13 13-0360** | | **Panel Mounted Miniature Contactor Accessories** *(26 29 13 13-0324)* | | |
| 26 29 13 13-0361 | EA | 2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02) | 71.37 | 27.55 |
| 26 29 13 13-0362 | EA | 4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40) | 79.37 | 27.55 |
| 26 29 13 13-0363 | EA | Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U) | 93.87 | 27.55 |
| 26 29 13 13-0364 | EA | Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301) | 122.70 | 27.55 |
| **26 29 13 13-0365** | | **Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole** *(26 29 13 13)* | | |
| **26 29 13 13-0366** | | **NEMA 1 Enclosure** *(26 29 13 13-0365)* | | |
| 26 29 13 13-0367 | EA | Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing | 7,060.21 | 527.97 |
| | | *For NEMA 4, Add* | *747.73* | |
| 26 29 13 13-0368 | EA | Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing | 12,336.43 | 703.95 |
| | | *For NEMA 4, Add* | *1,365.78* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0369 | EA | Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing | 21,608.66 | 835.95 |
| | | *For NEMA 4, Add* | *2,492.76* | |
| 26 29 13 13-0370 | EA | Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing | 52,727.53 | 1,022.93 |
| | | *For NEMA 4, Add* | *6,336.33* | |
| 26 29 13 13-0371 | EA | Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing | 84,133.28 | 1,308.92 |
| | | *For NEMA 4, Add* | *10,189.30* | |

### 26 29 13 13-0372 NEMA 12 Enclosure *(26 29 13 13-0365)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0373 | EA | Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing | 7,010.38 | 539.18 |
| 26 29 13 13-0374 | EA | Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing | 12,245.42 | 705.06 |
| 26 29 13 13-0375 | EA | Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing | 21,442.55 | 833.31 |
| 26 29 13 13-0376 | EA | Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing | 52,305.31 | 1,018.42 |
| 26 29 13 13-0377 | EA | Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing | 83,454.32 | 1,309.47 |

### 26 29 13 13-0378 Factory Modifications Pilot Devices *(26 29 13 13-0365)*

| | | | |
|---|---|---|---|
| 26 29 13 13-0379 | EA | Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device | 176.17 |
| 26 29 13 13-0380 | EA | H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device | 194.29 |
| 26 29 13 13-0381 | EA | Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device | 330.72 |
| 26 29 13 13-0382 | EA | Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device | 179.69 |
| 26 29 13 13-0383 | EA | Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device | 258.38 |
| 26 29 13 13-0384 | EA | Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device | 129.19 |
| 26 29 13 13-0385 | EA | Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device | 421.67 |

### 26 29 13 13-0386 Factory Modifications Meters *(26 29 13 13-0365)*

| | | | |
|---|---|---|---|
| 26 29 13 13-0387 | EA | Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter | 1,694.96 |
| 26 29 13 13-0388 | EA | Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter | 1,637.10 |
| 26 29 13 13-0389 | EA | Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter | 578.77 |
| 26 29 13 13-0390 | EA | Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter | 479.57 |

### 26 29 13 13-0391 Factory Modifications Main Circuit Breakers *(26 29 13 13-0365)*

| | | | |
|---|---|---|---|
| 26 29 13 13-0392 | EA | Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker | 2,240.14 |
| 26 29 13 13-0393 | EA | Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker | 4,096.94 |
| 26 29 13 13-0394 | EA | Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker | 8,714.59 |

### 26 29 13 13-0395 Factory Modifications Addition *(26 29 13 13-0365)*

Note: For reversing service auto transformer type.

| | | | |
|---|---|---|---|
| 26 29 13 13-0396 | EA | Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase | 376.21 |
| 26 29 13 13-0397 | EA | Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase | 376.21 |
| 26 29 13 13-0398 | EA | Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase | 376.21 |
| 26 29 13 13-0399 | EA | Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase | 376.21 |

### 26 29 13 13-0400 Combination Starters Non-Reversing *(26 29 13 13)*

### 26 29 13 13-0401 240-600 Volt, 3-Pole *(26 29 13 13-0400)*

### 26 29 13 13-0402 NEMA 1 With Disconnect Switch *(26 29 13 13-0401)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0403 | EA | Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 1,703.89 | 252.99 |
| | | *For Electronic Overloads, Add* | *226.99* | |
| 26 29 13 13-0404 | EA | Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 2,057.35 | 395.97 |
| | | *For Electronic Overloads, Add* | *239.46* | |
| 26 29 13 13-0405 | EA | Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 2,912.08 | 461.97 |
| | | *For Electronic Overloads, Add* | *379.14* | |
| 26 29 13 13-0406 | EA | Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 4,467.18 | 571.96 |
| | | *For Electronic Overloads, Add* | *631.07* | |
| 26 29 13 13-0407 | EA | Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 8,239.76 | 912.94 |
| | | *For Electronic Overloads, Add* | *1,217.24* | |
| 26 29 13 13-0408 | EA | Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 16,675.60 | 1,143.93 |
| | | *For Electronic Overloads, Add* | *2,732.98* | |

### 26 29 13 13-0409 NEMA 1 With Circuit Breaker *(26 29 13 13-0401)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0410 | EA | Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 2,176.51 | 252.99 |
| | | *For Electronic Overloads, Add* | *316.78* | |
| 26 29 13 13-0411 | EA | Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 2,529.97 | 395.97 |
| | | *For Electronic Overloads, Add* | *329.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0412 | EA | Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 3,371.56 | 461.97 |
| | | *For Electronic Overloads, Add* | *466.44* | |
| 26 29 13 13-0413 | EA | Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 4,716.62 | 571.96 |
| | | *For Electronic Overloads, Add* | *678.46* | |
| 26 29 13 13-0414 | EA | Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 9,670.73 | 912.94 |
| | | *For Electronic Overloads, Add* | *1,489.13* | |
| 26 29 13 13-0415 | EA | Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 20,469.63 | 1,143.93 |
| | | *For Electronic Overloads, Add* | *3,453.84* | |

### 26 29 13 13-0416 Factory Modifications For NEMA 1 Enclosure *(26 29 13 13-0401)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0417 | EA | Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt | 215.22 | |
| 26 29 13 13-0418 | EA | H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt | 505.51 | |
| 26 29 13 13-0419 | EA | Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt | 348.89 | |

### 26 29 13 13-0420 NEMA 4 With Disconnect Switch *(26 29 13 13-0401)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0421 | EA | Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 3,133.92 | 329.97 |
| | | *For Electronic Overloads, Add* | *466.44* | |
| 26 29 13 13-0422 | EA | Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 3,437.20 | 461.97 |
| | | *For Electronic Overloads, Add* | *478.91* | |
| 26 29 13 13-0423 | EA | Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 4,956.90 | 505.96 |
| | | *For Electronic Overloads, Add* | *748.31* | |
| 26 29 13 13-0424 | EA | Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 7,930.64 | 615.96 |
| | | *For Electronic Overloads, Add* | *1,274.61* | |
| 26 29 13 13-0425 | EA | Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 12,572.05 | 912.94 |
| | | *For Electronic Overloads, Add* | *2,040.38* | |
| 26 29 13 13-0426 | EA | Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 27,729.50 | 1,143.93 |
| | | *For Electronic Overloads, Add* | *4,833.22* | |

### 26 29 13 13-0427 NEMA 4 With Circuit Breaker *(26 29 13 13-0401)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0428 | EA | Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 3,606.54 | 329.97 |
| | | *For Electronic Overloads, Add* | *556.24* | |
| 26 29 13 13-0429 | EA | Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 3,909.82 | 461.97 |
| | | *For Electronic Overloads, Add* | *568.71* | |
| 26 29 13 13-0430 | EA | Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 5,416.38 | 505.96 |
| | | *For Electronic Overloads, Add* | *835.61* | |
| 26 29 13 13-0431 | EA | Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 8,180.07 | 615.96 |
| | | *For Electronic Overloads, Add* | *1,322.00* | |
| 26 29 13 13-0432 | EA | Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 14,003.02 | 912.94 |
| | | *For Electronic Overloads, Add* | *2,312.26* | |
| 26 29 13 13-0433 | EA | Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 26,246.02 | 1,143.93 |
| | | *For Electronic Overloads, Add* | *4,551.36* | |

### 26 29 13 13-0434 Factory Modifications For NEMA 4 Enclosure *(26 29 13 13-0401)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0435 | EA | Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt | 215.25 | |
| 26 29 13 13-0436 | EA | H-0-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt | 505.51 | |
| 26 29 13 13-0437 | EA | Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt | 348.89 | |

### 26 29 13 13-0438 NEMA 12 With Disconnect Switch *(26 29 13 13-0401)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0439 | EA | Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 1,763.62 | 254.63 |
| | | *For Electronic Overloads, Add* | *238.33* | |
| 26 29 13 13-0440 | EA | Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 2,120.37 | 398.50 |
| | | *For Electronic Overloads, Add* | *251.43* | |
| 26 29 13 13-0441 | EA | Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 3,011.85 | 458.34 |
| | | *For Electronic Overloads, Add* | *398.10* | |
| 26 29 13 13-0442 | EA | Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 4,633.25 | 572.85 |
| | | *For Electronic Overloads, Add* | *662.62* | |
| 26 29 13 13-0443 | EA | Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 8,560.08 | 916.68 |
| | | *For Electronic Overloads, Add* | *1,278.10* | |
| 26 29 13 13-0444 | EA | Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase | 17,394.79 | 1,145.68 |
| | | *For Electronic Overloads, Add* | *2,869.62* | |

### 26 29 13 13-0445 NEMA 12 With Circuit Breaker *(26 29 13 13-0401)*

| | | | | |
|---|---|---|---|---|
| 26 29 13 13-0446 | EA | Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 2,327.96 | 254.63 |
| | | *For Electronic Overloads, Add* | *345.56* | |
| 26 29 13 13-0447 | EA | Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 2,687.38 | 398.50 |
| | | *For Electronic Overloads, Add* | *359.16* | |
| 26 29 13 13-0448 | EA | Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 3,594.57 | 458.34 |
| | | *For Electronic Overloads, Add* | *508.81* | |
| 26 29 13 13-0449 | EA | Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 5,040.98 | 572.85 |
| | | *For Electronic Overloads, Add* | *740.09* | |
| 26 29 13 13-0450 | EA | Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 10,382.67 | 916.68 |
| | | *For Electronic Overloads, Add* | *1,624.40* | |
| 26 29 13 13-0451 | EA | Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 22,120.89 | 1,145.68 |
| | | *For Electronic Overloads, Add* | *3,767.58* | |

### 26 29 13 13-0452 Factory Modifications For NEMA 12 Enclosure *(26 29 13 13-0401)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 13 13-0453 | EA | Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt | 213.46 | |
| 26 29 13 13-0454 | EA | H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt | 501.31 | |
| 26 29 13 13-0455 | EA | Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt | 345.98 | |
| **26 29 13 13-0456** | | **NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)* | | |
| 26 29 13 13-0457 | EA | Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 4,119.39 | 527.97 |
| 26 29 13 13-0458 | EA | Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 5,581.16 | 703.95 |
| 26 29 13 13-0459 | EA | Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 6,064.30 | 967.94 |
| 26 29 13 13-0460 | EA | Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 9,013.10 | 1,319.92 |
| 26 29 13 13-0461 | EA | Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase | 13,583.49 | 1,847.88 |
| **26 29 13 13-0462** | | **Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)* | | |
| 26 29 13 13-0463 | EA | Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt | 1,279.97 | |
| 26 29 13 13-0464 | EA | H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt | 1,279.97 | |
| 26 29 13 13-0465 | EA | Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt | 1,279.97 | |
| **26 29 13 13-0466** | | **Combination Starters Reversing** *(26 29 13 13)* | | |
| **26 29 13 13-0467** | | **240-600 Volt, 3 Pole** *(26 29 13 13-0466)* | | |
| **26 29 13 13-0468** | | **NEMA 1 With Disconnect Switch** *(26 29 13 13-0467)* | | |
| 26 29 13 13-0469 | EA | Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 2,102.61 | 329.97 |
| 26 29 13 13-0470 | EA | Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 2,435.59 | 461.97 |
| 26 29 13 13-0471 | EA | Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 3,557.51 | 505.96 |
| 26 29 13 13-0472 | EA | Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 5,429.55 | 615.96 |
| 26 29 13 13-0473 | EA | Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 10,645.25 | 912.94 |
| **26 29 13 13-0474** | | **NEMA 1 With Circuit Breaker** *(26 29 13 13-0467)* | | |
| 26 29 13 13-0475 | EA | Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 2,351.98 | 329.97 |
| 26 29 13 13-0476 | EA | Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 2,701.77 | 461.97 |
| 26 29 13 13-0477 | EA | Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 3,869.12 | 505.96 |
| 26 29 13 13-0478 | EA | Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 5,000.55 | 615.96 |
| 26 29 13 13-0479 | EA | Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 11,488.11 | 912.94 |
| **26 29 13 13-0480** | | **NEMA 12 With Disconnect Switch** *(26 29 13 13-0467)* | | |
| 26 29 13 13-0481 | EA | Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 2,247.62 | 339.55 |
| 26 29 13 13-0482 | EA | Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 2,590.30 | 458.34 |
| 26 29 13 13-0483 | EA | Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 3,816.13 | 509.27 |
| 26 29 13 13-0484 | EA | Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 5,858.10 | 611.12 |
| 26 29 13 13-0485 | EA | Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase | 11,542.81 | 916.68 |
| **26 29 13 13-0486** | | **NEMA 12 With Circuit Breaker** *(26 29 13 13-0467)* | | |
| 26 29 13 13-0487 | EA | Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 2,522.38 | 339.55 |
| 26 29 13 13-0488 | EA | Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 2,883.61 | 458.34 |
| 26 29 13 13-0489 | EA | Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 4,159.48 | 509.27 |
| 26 29 13 13-0490 | EA | Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 5,385.40 | 611.12 |
| 26 29 13 13-0491 | EA | Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 12,471.52 | 916.68 |
| **26 29 13 13-0492** | | **NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0467)* | | |
| 26 29 13 13-0493 | EA | Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 4,993.02 | 703.95 |
| 26 29 13 13-0494 | EA | Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 5,359.48 | 879.94 |
| 26 29 13 13-0495 | EA | Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 7,711.24 | 1,143.93 |
| 26 29 13 13-0496 | EA | Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 12,282.92 | 1,495.90 |
| 26 29 13 13-0497 | EA | Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase | 22,451.66 | 2,023.87 |
| **26 29 13 13-0498** | | **Solid State Motor Controllers** *(26 29 13 13)* | | |
| **26 29 13 13-0499** | | **Adjustable Voltage Drives, DC Motors** *(26 29 13 13-0498)* | | |
| 26 29 13 13-0500 | EA | 0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking | 1,673.70 | 197.98 |
| 26 29 13 13-0501 | EA | 0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking | 2,022.64 | 197.98 |
| **26 29 13 13-0502** | | **Removal And Reinstallation Of Motor Starters** *(26 29 13 13)* | | |
| | | Note: Includes storage and cleaning. | | |
| 26 29 13 13-0503 | EA | Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect | 785.66 | |
| **26 29 13 13-0504** | | **Auxiliary Devices** *(26 29 13 13)* | | |
| 26 29 13 13-0505 | EA | Normally Open, Auxiliary Contact | 491.66 | 109.99 |
| 26 29 13 13-0506 | EA | Normally Closed, Auxiliary Contact | 491.66 | 109.99 |
| 26 29 13 13-0507 | EA | Pilot Light Kit | 519.08 | 109.99 |

## 26 29 23 Variable-Frequency Motor Controllers *(26 29)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 23 00-0001 | | 208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives *(26 29 23)*<br>Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure. | | |
| 26 29 23 00-0002 | EA | 3/4 HP, 208/230 Volt Variable Frequency Drive | 2,259.48 | 421.74 |
| | | *For 6-Pulse Drive Package, Deduct* | *-778.75* | |
| 26 29 23 00-0003 | EA | 1 HP, 208/230 Volt Variable Frequency Drive | 2,547.66 | 460.94 |
| | | *For 6-Pulse Drive Package, Deduct* | *-896.53* | |
| 26 29 23 00-0004 | EA | 1-1/2 HP, 208/230 Volt Variable Frequency Drive | 2,966.20 | 506.83 |
| | | *For 6-Pulse Drive Package, Deduct* | *-1,073.90* | |
| 26 29 23 00-0005 | EA | 2 HP, 208/230 Volt Variable Frequency Drive | 3,137.25 | 487.18 |
| | | *For 6-Pulse Drive Package, Deduct* | *-1,189.60* | |
| 26 29 23 00-0006 | EA | 3 HP, 208/230 Volt Variable Frequency Drive | 3,361.26 | 531.16 |
| | | *For 6-Pulse Drive Package, Deduct* | *-1,264.42* | |
| 26 29 23 00-0007 | EA | 5 HP, 208/230 Volt Variable Frequency Drive | 3,644.69 | 531.16 |
| | | *For 6-Pulse Drive Package, Deduct* | *-1,420.31* | |
| 26 29 23 00-0008 | EA | 7.5 HP, 208/230 Volt Variable Frequency Drive | 4,354.66 | 634.20 |
| | | *For 6-Pulse Drive Package, Deduct* | *-1,697.44* | |
| 26 29 23 00-0009 | EA | 10 HP, 208/230 Volt Variable Frequency Drive | 4,764.07 | 634.20 |
| | | *For 6-Pulse Drive Package, Deduct* | *-1,922.62* | |
| 26 29 23 00-0010 | EA | 15 HP, 208/230 Volt Variable Frequency Drive | 6,255.78 | 954.91 |
| | | *For 6-Pulse Drive Package, Deduct* | *-2,390.28* | |
| 26 29 23 00-0011 | EA | 20 HP, 208/230 Volt Variable Frequency Drive | 7,389.52 | 954.91 |
| | | *For 6-Pulse Drive Package, Deduct* | *-3,013.84* | |
| 26 29 23 00-0012 | EA | 25 HP, 208/230 Volt Variable Frequency Drive | 8,992.87 | 1,268.51 |
| | | *For 6-Pulse Drive Package, Deduct* | *-3,550.78* | |
| 26 29 23 00-0013 | EA | 30 HP, 208/230 Volt Variable Frequency Drive | 10,410.03 | 1,268.51 |
| | | *For 6-Pulse Drive Package, Deduct* | *-4,330.22* | |
| 26 29 23 00-0014 | EA | 40 HP, 208/230 Volt Variable Frequency Drive | 11,638.24 | 1,268.51 |
| | | *For 6-Pulse Drive Package, Deduct* | *-5,005.73* | |
| 26 29 23 00-0015 | EA | 50 HP, 208/230 Volt Variable Frequency Drive | 15,363.11 | 1,603.56 |
| | | *For 6-Pulse Drive Package, Deduct* | *-6,685.86* | |
| 26 29 23 00-0016 | EA | 60 HP, 208/230 Volt Variable Frequency Drive | 18,532.44 | 1,896.97 |
| | | *For 6-Pulse Drive Package, Deduct* | *-8,106.17* | |
| 26 29 23 00-0017 | EA | 75 HP, 208/230 Volt Variable Frequency Drive | 21,051.84 | 1,896.97 |
| | | *For 6-Pulse Drive Package, Deduct* | *-9,491.84* | |
| 26 29 23 00-0018 | | 460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives *(26 29 23)*<br>Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure. | | |
| 26 29 23 00-0019 | EA | 3 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 5,422.69 | 758.81 |
| | | *For 6-Pulse Drive Package, Deduct* | *-2,147.79* | |
| 26 29 23 00-0020 | EA | 5 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 5,611.64 | 758.81 |
| | | *For 6-Pulse Drive Package, Deduct* | *-2,251.71* | |
| 26 29 23 00-0021 | EA | 7.5 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 6,122.63 | 904.13 |
| | | *For 6-Pulse Drive Package, Deduct* | *-2,372.96* | |
| 26 29 23 00-0022 | EA | 10 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 6,154.12 | 904.13 |
| | | *For 6-Pulse Drive Package, Deduct* | *-2,390.28* | |
| 26 29 23 00-0023 | EA | 15 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 8,221.10 | 1,370.70 |
| | | *For 6-Pulse Drive Package, Deduct* | *-3,013.84* | |
| 26 29 23 00-0024 | EA | 20 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 8,661.99 | 1,370.70 |
| | | *For 6-Pulse Drive Package, Deduct* | *-3,256.32* | |
| 26 29 23 00-0025 | EA | 25 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 10,387.33 | 1,808.27 |
| | | *For 6-Pulse Drive Package, Deduct* | *-3,723.99* | |
| 26 29 23 00-0026 | EA | 30 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 11,961.95 | 1,808.27 |
| | | *For 6-Pulse Drive Package, Deduct* | *-4,590.03* | |
| 26 29 23 00-0027 | EA | 40 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 13,599.56 | 1,808.27 |
| | | *For 6-Pulse Drive Package, Deduct* | *-5,490.72* | |
| 26 29 23 00-0028 | EA | 50 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 17,820.61 | 2,296.94 |
| | | *For 6-Pulse Drive Package, Deduct* | *-7,274.77* | |
| 26 29 23 00-0029 | EA | 60 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 23,839.37 | 2,723.88 |
| | | *For 6-Pulse Drive Package, Deduct* | *-10,115.39* | |
| 26 29 23 00-0030 | EA | 75 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 25,351.01 | 2,723.88 |
| | | *For 6-Pulse Drive Package, Deduct* | *-10,946.79* | |
| 26 29 23 00-0031 | EA | 100 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 29,374.82 | 3,035.24 |
| | | *For 6-Pulse Drive Package, Deduct* | *-12,817.45* | |
| 26 29 23 00-0032 | EA | 125 HP, 480 Volt Variable Frequency Drive<br>Note: Wall mounted. | 31,012.43 | 3,035.24 |
| | | *For 6-Pulse Drive Package, Deduct* | *-13,718.13* | |
| 26 29 23 00-0033 | EA | 150 HP, 480 Volt Variable Frequency Drive<br>Note: Floor mounted. | 34,413.62 | 3,035.24 |
| | | *For 6-Pulse Drive Package, Deduct* | *-15,588.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 29 23 00-0034 | EA | 200 HP, 480 Volt Variable Frequency Drive<br>Note: Floor mounted. | 39,700.64 | 3,663.18 |
| | | *For 6-Pulse Drive Package, Deduct* | *-17,805.86* | |
| 26 29 23 00-0035 | EA | 250 HP, 480 Volt Variable Frequency Drive<br>Note: Floor mounted. | 49,833.12 | 3,826.66 |
| | | *For 6-Pulse Drive Package, Deduct* | *-23,198.88* | |
| 26 29 23 00-0036 | EA | 300 HP, 480 Volt Variable Frequency Drive<br>Note: Floor mounted. | 58,464.49 | 4,390.96 |
| | | *For 6-Pulse Drive Package, Deduct* | *-27,325.41* | |
| 26 29 23 00-0037 | EA | 350 HP, 480 Volt Variable Frequency Drive<br>Note: Floor mounted. | 67,318.16 | 4,762.13 |
| | | *For 6-Pulse Drive Package, Deduct* | *-31,786.58* | |
| 26 29 23 00-0038 | EA | 400 HP, 480 Volt Variable Frequency Drive<br>Note: Floor mounted. | 78,097.57 | 5,142.12 |
| | | *For 6-Pulse Drive Package, Deduct* | *-37,297.39* | |
| 26 29 23 00-0039 | EA | 450 HP, 480 Volt Variable Frequency Drive<br>Note: Floor mounted. | 84,163.10 | 5,576.08 |
| | | *For 6-Pulse Drive Package, Deduct* | *-40,156.02* | |

## 26 30 Facility Electrical Power Generating and Storing Equipment
*(26)*

## 26 31 Photovoltaic Collectors *(26 30)*

### 26 31 00 00-0001 Rigid Photovoltaic Modules *(26 31)*

### 26 31 00 00-0002 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 31 00 00-0003 | EA | 205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6) | 1,915.47 | 104.49 |
| | | *For >50, Deduct* | *-170.65* | |
| 26 31 00 00-0004 | EA | 210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6) | 2,007.97 | 104.49 |
| | | *For >50, Deduct* | *-179.90* | |
| 26 31 00 00-0005 | EA | 215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6) | 1,879.18 | 104.49 |
| | | *For >50, Deduct* | *-167.02* | |

### 26 31 00 00-0006 Sharp Rigid Photovoltaic Modules *(26 31 00 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 31 00 00-0007 | EA | 224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1) | 1,498.94 | 104.49 |
| | | *For >50, Deduct* | *-129.00* | |
| 26 31 00 00-0008 | EA | 230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3) | 1,705.42 | 104.49 |
| | | *For >50, Deduct* | *-149.64* | |
| 26 31 00 00-0009 | EA | 235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1) | 1,738.13 | 104.49 |
| | | *For >50, Deduct* | *-152.91* | |
| 26 31 00 00-0010 | EA | 240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1) | 1,635.91 | 104.49 |
| | | *For >50, Deduct* | *-142.69* | |

### 26 31 00 00-0011 BP Solar Rigid Photovoltaic Modules *(26 31 00 00-0001)*
Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.

| | | | | |
|---|---|---|---|---|
| 26 31 00 00-0012 | EA | 50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J) | 738.36 | 104.49 |
| | | *For >50, Deduct* | *-52.94* | |
| 26 31 00 00-0013 | EA | 75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J) | 912.13 | 104.49 |
| | | *For >50, Deduct* | *-70.31* | |
| 26 31 00 00-0014 | EA | 80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J) | 981.63 | 104.49 |
| | | *For >50, Deduct* | *-77.26* | |

### 26 31 00 00-0015 Photovoltaic Inverters *(26 31)*

### 26 31 00 00-0016 Fronius Photovoltaic Inverters *(26 31 00 00-0015)*

| | | | | |
|---|---|---|---|---|
| 26 31 00 00-0017 | EA | 3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1) | 4,566.36 | 109.99 |
| 26 31 00 00-0018 | EA | 5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1) | 6,023.84 | 109.99 |
| 26 31 00 00-0019 | EA | 6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1) | 6,358.70 | 109.99 |
| 26 31 00 00-0020 | EA | 7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1) | 7,109.98 | 109.99 |
| 26 31 00 00-0021 | EA | 10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1) | 11,259.65 | 109.99 |
| 26 31 00 00-0022 | EA | 12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1) | 13,088.86 | 109.99 |
| 26 31 00 00-0023 | EA | 11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta) | 10,657.06 | 219.99 |
| 26 31 00 00-0024 | EA | 11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3) | 13,488.63 | 219.99 |
| 26 31 00 00-0025 | EA | Inverter Display Stand (Fronius 4,045,894) | 399.67 | 54.99 |

### 26 31 00 00-0026 SMA Photovoltaic Inverters *(26 31 00 00-0015)*

| | | | | |
|---|---|---|---|---|
| 26 31 00 00-0027 | EA | 4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22) | 3,394.82 | 109.99 |
| 26 31 00 00-0028 | EA | 5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22) | 4,075.32 | 109.99 |
| 26 31 00 00-0029 | EA | 6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22) | 4,709.51 | 109.99 |
| 26 31 00 00-0030 | EA | 7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22) | 5,193.66 | 109.99 |
| 26 31 00 00-0031 | EA | 8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12) | 5,030.57 | 109.99 |

### 26 31 00 00-0032 PVPowered Photovoltaic Inverters *(26 31 00 00-0015)*

| | | | | |
|---|---|---|---|---|
| 26 31 00 00-0033 | EA | 120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100) | 4,196.42 | 109.99 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 31 00 00-0034 | EA | 240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000) | 4,388.95 | 109.99 |
| 26 31 00 00-0035 | EA | 240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500) | 4,849.39 | 109.99 |
| 26 31 00 00-0036 | EA | 240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500) | 5,749.88 | 137.49 |
| 26 31 00 00-0037 | EA | 208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600) | 7,010.35 | 164.99 |
| 26 31 00 00-0038 | EA | 240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800) | 7,068.96 | 164.99 |
| 26 31 00 00-0039 | EA | 240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200) | 7,459.06 | 164.99 |
| 26 31 00 00-0040 | EA | 208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW) | 88,944.35 | 879.94 |
| 26 31 00 00-0041 | EA | 480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW) | 89,062.09 | 879.94 |
| 26 31 00 00-0042 | EA | 208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW) | 96,374.41 | 879.94 |
| 26 31 00 00-0043 | EA | 480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW) | 89,343.07 | 879.94 |
| **26 31 00 00-0044** | | **Solectria Photovoltaic Inverters** *(26 31 00 00-0015)* | | |
| 26 31 00 00-0045 | EA | 208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI) | 14,000.05 | 219.99 |
| 26 31 00 00-0046 | EA | 208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI) | 14,000.05 | 219.99 |
| 26 31 00 00-0047 | EA | 208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI) | 14,409.59 | 219.99 |
| 26 31 00 00-0048 | EA | 480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI) | 14,409.59 | 219.99 |
| 26 31 00 00-0049 | EA | 208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI) | 43,865.82 | 659.96 |
| 26 31 00 00-0050 | EA | 480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI) | 41,818.16 | 659.96 |
| 26 31 00 00-0051 | EA | 208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI) | 47,961.15 | 659.96 |
| 26 31 00 00-0052 | EA | 480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI) | 46,823.56 | 659.96 |
| 26 31 00 00-0053 | EA | 208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI) | 50,918.89 | 659.96 |
| 26 31 00 00-0054 | EA | 480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI) | 48,643.71 | 659.96 |
| 26 31 00 00-0055 | EA | 208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI) | 53,634.04 | 879.94 |
| 26 31 00 00-0056 | EA | 480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI) | 51,131.34 | 879.94 |
| 26 31 00 00-0057 | EA | 208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI) | 55,681.70 | 879.94 |
| 26 31 00 00-0058 | EA | 480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI) | 52,723.97 | 879.94 |
| **26 31 00 00-0059** | | **Xantrex Photovoltaic Inverters** *(26 31 00 00-0015)* | | |
| 26 31 00 00-0060 | EA | 0.6 KW Photovoltaic Inverter (Xantrex 806-1206) | 584.97 | 27.50 |
| 26 31 00 00-0061 | EA | 1 KW Photovoltaic Inverter (Xantrex 806-1210) | 637.62 | 27.50 |
| 26 31 00 00-0062 | EA | 2 KW Photovoltaic Inverter (Xantrex 806-1220) | 1,024.48 | 27.50 |
| **26 31 00 00-0063** | | **Photovoltaic DC-DC Converters** *(26 31)* | | |
| 26 31 00 00-0064 | EA | 15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations. | 344.16 | 41.25 |
| 26 31 00 00-0065 | EA | 20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23) | 229.68 | 41.25 |
| 26 31 00 00-0066 | EA | 60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60) | 638.54 | 41.25 |
| **26 31 00 00-0067** | | **Photovoltaic Combiner Boxes** *(26 31)* | | |
| **26 31 00 00-0068** | | **Midnight Solar Photovoltaic Combiner Boxes** *(26 31 00 00-0067)* | | |
| 26 31 00 00-0069 | EA | 3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3) | 413.03 | 109.99 |
| 26 31 00 00-0070 | EA | 6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6) | 402.42 | 109.99 |
| 26 31 00 00-0071 | EA | 12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12) | 640.18 | 164.99 |
| 26 31 00 00-0072 | EA | 6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250) | 643.90 | 164.99 |
| 26 31 00 00-0073 | EA | 16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16) | 987.79 | 164.99 |
| **26 31 00 00-0074** | | **SMA Photovoltaic Combiner Boxes** *(26 31 00 00-0067)* | | |
| 26 31 00 00-0075 | EA | 6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6) | 913.40 | 109.99 |
| 26 31 00 00-0076 | EA | 12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12) | 1,094.07 | 109.99 |
| 26 31 00 00-0077 | EA | 28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28) | 2,119.08 | 219.99 |
| 26 31 00 00-0078 | EA | 52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52) | 4,869.84 | 219.99 |
| 26 31 00 00-0079 | EA | 4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch) | 815.63 | 109.99 |
| **26 31 00 00-0080** | | **Photovoltaic Charge Controller** *(26 31)* | | |
| 26 31 00 00-0081 | EA | 35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35) | 274.65 | 41.25 |
| 26 31 00 00-0082 | EA | 40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40) | 366.65 | 41.25 |
| 26 31 00 00-0083 | EA | 60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60) | 427.98 | 41.25 |
| 26 31 00 00-0084 | EA | Remote Digital Meter For Xantrex C-35, 40 And 60 | 327.81 | 41.25 |
| 26 31 00 00-0085 | EA | MPPT Charge Controller (Xantrex XW SCC) | 1,136.13 | 54.99 |
| **26 31 00 00-0086** | | **Photovoltaic Batteries** *(26 31)* | | |
| **26 31 00 00-0087** | | **Concorde Photovoltaic Batteries** *(26 31 00 00-0086)* | | |
| 26 31 00 00-0088 | EA | 34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T) | 253.63 | 16.50 |
| 26 31 00 00-0089 | EA | 45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T) | 319.79 | 21.99 |
| 26 31 00 00-0090 | EA | 49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T) | 346.45 | 21.99 |
| 26 31 00 00-0091 | EA | 56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T) | 396.95 | 33.00 |
| 26 31 00 00-0092 | EA | 69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T) | 452.11 | 33.00 |
| 26 31 00 00-0093 | EA | 89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T) | 536.65 | 38.49 |
| 26 31 00 00-0094 | EA | 104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T) | 615.32 | 44.00 |
| 26 31 00 00-0095 | EA | 108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T) | 608.31 | 44.00 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 31 00 00-0096 | EA | 210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T) | 1,115.72 | 52.25 |
| 26 31 00 00-0097 | EA | 255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T) | 1,290.37 | 54.99 |
| **26 31 00 00-0098** | | **Deka Photovoltaic Batteries** *(26 31 00 00-0086)* | | |
| 26 31 00 00-0099 | EA | 31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1) | 265.65 | 27.55 |
| 26 31 00 00-0100 | EA | 50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF) | 365.82 | 27.55 |
| 26 31 00 00-0101 | EA | 74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24) | 539.59 | 27.55 |
| 26 31 00 00-0102 | EA | 86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27) | 617.27 | 27.55 |
| 26 31 00 00-0103 | EA | 98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31) | 619.32 | 27.55 |
| 26 31 00 00-0104 | EA | 183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D) | 1,199.90 | 27.55 |
| 26 31 00 00-0105 | EA | 225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D) | 1,387.97 | 27.55 |
| **26 31 00 00-0106** | | **Battery Enclosures** *(26 31 00 00-0086)* | | |
| 26 31 00 00-0107 | EA | 14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010) | 300.31 | 27.50 |
| 26 31 00 00-0108 | EA | 22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC) | 1,471.79 | 27.55 |
| 26 31 00 00-0109 | EA | 37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL) | 1,383.89 | 27.55 |
| 26 31 00 00-0110 | EA | 37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC) | 1,843.85 | 27.55 |
| 26 31 00 00-0111 | EA | 15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1) | 821.70 | 27.55 |
| 26 31 00 00-0112 | EA | 31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP) | 1,931.76 | 27.55 |
| **26 31 00 00-0113** | | **Photovoltaic System Monitoring** *(26 31)* | | |
| 26 31 00 00-0114 | EA | Solar Inverter Monitor (Xantrex 864-0203) | 633.74 | 54.99 |
| 26 31 00 00-0115 | EA | Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox) | 1,310.70 | 27.50 |
| 26 31 00 00-0116 | EA | Sun Radiation And Temperature Monitor (SMA Sunny SensorBox) | 1,095.08 | 27.50 |
| 26 31 00 00-0117 | EA | PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA) | 201.81 | 27.50 |
| 26 31 00 00-0118 | EA | Wind Sensor Accessory For Sunny SensorBox (SMA) | 498.98 | 54.99 |
| 26 31 00 00-0119 | EA | Sunny Boy Control with RS485 (SMA) | 1,289.24 | 27.50 |
| 26 31 00 00-0120 | EA | RS 485 Module (SMA) | 292.93 | 27.50 |
| 26 31 00 00-0121 | EA | RS 232 Module (SMA) | 300.31 | 27.50 |
| 26 31 00 00-0122 | EA | Wireless Monitor with Bluetooth (SMA Sunny Beam) | 563.23 | |
| 26 31 00 00-0123 | EA | Bluetooth Piggy-Back Computer Card (SMA) | 304.29 | 27.50 |
| 26 31 00 00-0124 | EA | RS485-N Communication Computer Card (SMA) | 302.23 | 27.50 |
| 26 31 00 00-0125 | EA | Bluetooth Repeater (SMA) | 571.10 | 27.50 |
| 26 31 00 00-0126 | EA | Sunny Boy PC Service Cable (SMA) | 271.40 | 8.25 |
| 26 31 00 00-0127 | EA | Integrated Revenue Grade Meter, Option (PVPowered) | 5,243.63 | |
| 26 31 00 00-0128 | EA | Data Monitoring Module (PVPowered PVM1010) | 569.90 | 27.50 |
| 26 31 00 00-0129 | EA | Wireless IG Personal Display (Fronius 4,240,108) | 572.20 | |
| 26 31 00 00-0130 | EA | DatCom Power Supply (Fronius 43,0001,2311) | 186.73 | |
| 26 31 00 00-0131 | EA | Wireless Card For IG Personal Display (Fronius 4,240,008,Z) | 339.10 | 27.50 |
| 26 31 00 00-0132 | EA | Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z) | 286.77 | 27.50 |
| 26 31 00 00-0133 | EA | Datalogger Pro Box (Fronius 4,240,102) | 1,128.83 | 27.50 |
| 26 31 00 00-0134 | EA | Datalogger Easy Box (Fronius 4,240,103) | 733.98 | 27.50 |
| 26 31 00 00-0135 | EA | Datalogger Interface Box (Fronius 4,240,105) | 1,274.53 | 27.50 |
| 26 31 00 00-0136 | EA | Datalogger Web (Fronius 4,240,122) | 2,190.77 | 27.50 |
| 26 31 00 00-0137 | EA | Interface Box (Fronius 4,240,109) | 587.95 | 27.50 |
| 26 31 00 00-0138 | EA | Interface Card (Fronius 4,240,009,Z) | 419.25 | 27.50 |
| 26 31 00 00-0139 | EA | Interface Card Easy (Fronius 4,240,013,Z) | 276.15 | 27.50 |
| 26 31 00 00-0140 | EA | Sensor Box (Fronius 4,240,104) | 1,178.99 | 27.50 |
| 26 31 00 00-0141 | EA | Ambient Temperature Sensor (Fronius 43,0001,1188) | 129.92 | 27.50 |
| 26 31 00 00-0142 | EA | Irradiance Sensor (Fronius 43,0001,1188) | 408.86 | 27.50 |
| 26 31 00 00-0143 | EA | Module Temperature Sensor (Fronius 43,0001,1190) | 455.47 | 27.50 |
| 26 31 00 00-0144 | EA | Wind Speed Sensor (Fronius 42,0411,0027) | 239.66 | 54.99 |
| **26 31 00 00-0145** | | **Photovoltaic System Accessories** *(26 31)* | | |
| 26 31 00 00-0146 | EA | Four Inverter Bypass Switch (OutBack AC-IOB-100Q) | 868.90 | 54.99 |
| 26 31 00 00-0147 | EA | Line Communication Filter (Enphase LCF) | 1,894.27 | 109.99 |
| 26 31 00 00-0148 | EA | 15 Meter RS 485 Communication Cable (SMA) | 145.29 | 8.25 |
| 26 31 00 00-0149 | EA | 15 Meter RS 232 Communication Cable (SMA) | 218.89 | 8.25 |
| 26 31 00 00-0150 | EA | 24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect | 33.36 | 2.73 |
| 26 31 00 00-0151 | EA | 36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect | 35.83 | 2.73 |
| 26 31 00 00-0152 | EA | 48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect | 37.23 | 2.73 |
| 26 31 00 00-0153 | EA | 72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect | 41.09 | 2.73 |
| 26 31 00 00-0154 | EA | 120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect | 46.89 | 2.73 |
| 26 31 00 00-0155 | EA | 240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect | 74.46 | 5.44 |
| 26 31 00 00-0156 | EA | 360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect | 92.44 | 5.44 |
| 26 31 00 00-0157 | EA | 420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect | 121.34 | 8.17 |
| 26 31 00 00-0158 | EA | 36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect | 42.06 | 2.73 |
| 26 31 00 00-0159 | EA | 120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect | 58.48 | 2.73 |
| 26 31 00 00-0160 | EA | 240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect | 86.05 | 5.44 |
| 26 31 00 00-0161 | EA | 360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect | 115.02 | 5.44 |
| 26 31 00 00-0162 | EA | 600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect | 186.58 | 10.89 |
| 26 31 00 00-0163 | EA | 1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect | 194.76 | 10.89 |
| 26 31 00 00-0164 | EA | Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery<br>Note: Tamper proof enclosure. | 3,471.55 | 296.98 |
| **26 31 00 00-0165** | | **Photovoltaic Mounting Systems** *(26 31)* | | |
| 26 31 00 00-0166 | LF | Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard) | 11.85 | 2.75 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 31 00 00-0167 | EA | Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229) | 33.91 | 13.75 |
| 26 31 00 00-0168 | EA | Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216) | 43.01 | 13.75 |
| 26 31 00 00-0169 | EA | 8" x 3/8" Hanger Bolt (UNIRAC 310046)<br>Note: Supports mounting rail above tile or metal roof. | 22.73 | 5.50 |
| 26 31 00 00-0170 | EA | Mounting Rail Grounding Clip (UNIRAC 980006)<br>Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips. | 10.79 | 4.12 |
| 26 31 00 00-0171 | EA | Mounting Rail Grounding Lugs (UNIRAC 980012)<br>Note: Two grounding lugs for each rail splice and one additional lug for each rail. | 23.15 | 5.50 |
| 26 31 00 00-0172 | EA | Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002)<br>Note: Four for each row of modules you plan to mount. | 6.20 | 1.83 |
| 26 31 00 00-0173 | EA | Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008)<br>Note: For each row, take one less than the number of modules in the row and multiply that figure by 2. | 6.50 | 1.83 |
| 26 31 00 00-0174 | EA | Photovoltaic Module Mount L-Feet (UNIRAC 310065) | 16.09 | 5.50 |
| 26 31 00 00-0175 | EA | 12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121)<br>Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs. | 95.92 | 27.50 |
| 26 31 00 00-0176 | EA | 30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122)<br>Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs. | 106.22 | 27.50 |
| 26 31 00 00-0177 | EA | 44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123)<br>Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs. | 114.52 | 27.50 |
| 26 31 00 00-0178 | EA | 12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107)<br>Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet. | 140.88 | 41.25 |
| 26 31 00 00-0179 | EA | 44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108)<br>Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet. | 171.79 | 41.25 |
| 26 31 00 00-0180 | EA | 72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109)<br>Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet. | 199.83 | 41.25 |
| 26 31 00 00-0181 | EA | 18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111)<br>Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet. | 219.89 | 54.99 |
| 26 31 00 00-0182 | EA | 64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112)<br>Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet. | 293.73 | 54.99 |
| 26 31 00 00-0183 | EA | 104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110)<br>Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet. | 412.84 | 82.49 |
| 26 31 00 00-0184 | EA | Ballasted Photovoltaic Module Frame (UNIRAC 310351)<br>Note: Excludes ballast. | 201.55 | |
| 26 31 00 00-0185 | EA | Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355)<br>Note: Excludes ballast. | 375.61 | |
| 26 31 00 00-0186 | EA | 3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051) | 75.34 | 27.50 |
| 26 31 00 00-0187 | EA | 4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052) | 76.28 | 27.50 |
| 26 31 00 00-0188 | EA | 6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053) | 77.15 | 27.50 |
| 26 31 00 00-0189 | EA | 7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054) | 79.32 | 27.50 |
| 26 31 00 00-0190 | EA | 3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553) | 69.59 | 27.50 |
| 26 31 00 00-0191 | EA | 4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554) | 70.68 | 27.50 |
| 26 31 00 00-0192 | EA | 6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555) | 73.88 | 27.50 |
| 26 31 00 00-0193 | EA | 7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556) | 72.97 | 27.50 |
| 26 31 00 00-0194 | EA | 3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390) | 144.88 | 41.25 |
| 26 31 00 00-0195 | EA | 4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391) | 145.54 | 41.25 |
| 26 31 00 00-0196 | EA | 7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394) | 147.49 | 41.25 |
| 26 31 00 00-0197 | EA | Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370) | 145.45 | 41.25 |
| 26 31 00 00-0198 | EA | Photovoltaic Module Standoff Flashing (UNIRAC 990103) | 28.98 | 5.50 |
| 26 31 00 00-0199 | EA | Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161) | 19.04 | 5.50 |
| 26 31 00 00-0200 | EA | 1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100) | 36.19 | 8.25 |
| 26 31 00 00-0201 | EA | 3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100) | 37.68 | 8.25 |
| 26 31 00 00-0202 | EA | Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100)<br>Note: Mid or end clamp. | 10.53 | 1.83 |
| 26 31 00 00-0203 | EA | Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024) | 48.11 | 5.50 |
| 26 31 00 00-0204 | EA | Photovoltaic Module Wire Clip (UNIRAC 908002S-0100) | 2.46 | |

## 26 32 Packaged Generator Assemblies *(26 30)*

### 26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

### 26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

See CSI section 01 22 23 00-0686 for fuel reimbursment for commissioning.

26 32 13 13-0001 Diesel Generator Sets (Cummins) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0686 for fuel reimbursement, 01 22 23 00-0695 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 32 13 13-0002 | EA | 25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA) | 30,432.64 | 952.43 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *4,337.14* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *10,206.13* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *13,608.17* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *11,043.12* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *16,018.49* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *21,357.98* | |
| 26 32 13 13-0003 | EA | 35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA) | 32,270.14 | 1,172.68 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *4,337.14* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *10,206.13* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *13,608.17* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *11,043.12* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *16,018.49* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *21,357.98* | |
| 26 32 13 13-0004 | EA | 40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB) | 33,275.39 | 1,285.79 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *4,337.14* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *10,206.13* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *13,608.17* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *11,043.12* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *16,018.49* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *21,357.98* | |
| 26 32 13 13-0005 | EA | 50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC) | 39,012.21 | 1,476.27 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *4,337.14* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *10,206.13* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *13,608.17* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *11,043.12* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *16,018.49* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *21,357.98* | |
| 26 32 13 13-0006 | EA | 60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD) | 42,024.09 | 1,696.52 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *4,337.14* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *10,206.13* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *13,608.17* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *11,043.12* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *16,018.49* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *21,357.98* | |
| 26 32 13 13-0007 | EA | 80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE) | 49,342.90 | 1,988.21 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *4,337.14* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *10,206.13* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *13,608.17* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *11,043.12* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *16,018.49* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *21,357.98* | |
| 26 32 13 13-0008 | EA | 100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA) | 53,029.63 | 2,309.65 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *6,578.53* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *15,604.29* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *20,805.72* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *14,168.52* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *17,033.48* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *22,711.31* | |
| 26 32 13 13-0009 | EA | 125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB) | 54,293.37 | 2,738.25 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *6,578.53* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *15,604.29* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *20,805.72* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *14,168.52* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *17,033.48* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *22,711.31* | |
| 26 32 13 13-0010 | EA | 150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC) | 60,003.85 | 3,018.03 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *6,578.53* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *15,604.29* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *20,805.72* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *14,168.52* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *17,033.48* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *22,711.31* | |
| 26 32 13 13-0011 | EA | 175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB) | 63,031.40 | 3,369.23 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *6,578.53* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *15,604.29* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *20,805.72* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *14,168.52* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *17,033.48* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *22,711.31* | |
| 26 32 13 13-0012 | EA | 200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC) | 66,969.91 | 3,690.68 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *6,578.53* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *15,604.29* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *20,805.72* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *14,168.52* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *17,033.48* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *22,711.31* | |
| 26 32 13 13-0013 | EA | 230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD) | 72,162.72 | 3,899.03 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *6,578.53* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *15,604.29* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *20,805.72* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *14,168.52* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *17,033.48* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *22,711.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 32 13 13-0014 | EA | 250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA) | 75,198.10 | 4,059.74 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *42,663.36* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *47,240.72* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *62,987.63* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *51,744.25* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *57,745.73* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *76,994.31* | |
| 26 32 13 13-0015 | EA | 275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA) | 81,800.66 | 4,280.00 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *42,663.36* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *47,240.72* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *62,987.63* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *51,744.25* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *57,745.73* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *76,994.31* | |
| 26 32 13 13-0016 | EA | 300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB) | 83,589.34 | 4,470.49 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *42,663.36* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *47,240.72* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *62,987.63* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *51,744.25* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *57,745.73* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *76,994.31* | |
| 26 32 13 13-0017 | EA | 350 KW Diesel Generator Set, 3 Phase (Cummins DFEG) | 94,172.08 | 5,000.28 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *42,663.36* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *47,240.72* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *62,987.63* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *51,744.25* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *57,745.73* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *76,994.31* | |
| 26 32 13 13-0018 | EA | 400 KW Diesel Generator Set, 3 Phase (Cummins DFEH) | 101,355.93 | 5,476.49 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *42,663.36* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *47,240.72* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *62,987.63* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *51,744.25* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *57,745.73* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *76,994.31* | |
| 26 32 13 13-0019 | EA | 450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ) | 114,357.94 | 5,899.13 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *42,663.36* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *47,240.72* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *62,987.63* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *51,744.25* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *57,745.73* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *76,994.31* | |
| 26 32 13 13-0020 | EA | 500 KW Diesel Generator Set, 3 Phase (Cummins DFEK) | 120,255.99 | 6,286.06 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *42,663.36* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *47,240.72* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *62,987.63* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *51,744.25* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *57,745.73* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *76,994.31* | |
| 26 32 13 13-0021 | EA | 600 KW Diesel Generator Set, 3 Phase (Cummins DQCA) | 174,466.19 | 6,923.00 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *87,153.42* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *104,953.08* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *139,937.44* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *102,509.40* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *122,268.76* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *163,025.01* | |
| 26 32 13 13-0022 | EA | 750 KW Diesel Generator Set, 3 Phase (Cummins DQCB) | 199,745.77 | 7,613.51 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *87,153.42* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *104,953.08* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *139,937.44* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *102,509.40* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *122,268.76* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *163,025.01* | |
| 26 32 13 13-0023 | EA | 800 KW Diesel Generator Set, 3 Phase (Cummins DQCC) | 208,562.20 | 7,780.19 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *87,153.42* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *104,953.08* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *139,937.44* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *102,509.40* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *122,268.76* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *163,025.01* | |
| 26 32 13 13-0024 | EA | 900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC) | 254,280.42 | 8,387.37 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *87,153.42* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *104,953.08* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *139,937.44* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *102,509.40* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *122,268.76* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *163,025.01* | |
| 26 32 13 13-0025 | EA | 1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD) | 284,125.86 | 8,929.06 |
| | | *For Weather Resistant Steel Diesel Generator Enclosure, Add* | *87,153.42* | |
| | | *For Quietsite Level 1 Steel Diesel Generator Enclosure, Add* | *104,953.08* | |
| | | *For Quietsite Level 2 Steel Diesel Generator Enclosure, Add* | *139,937.44* | |
| | | *For Weather Resistant Aluminum Diesel Generator Enclosure, Add* | *102,509.40* | |
| | | *For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add* | *122,268.76* | |
| | | *For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add* | *163,025.01* | |

## 26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 26 32 13 19-0001 | | | **Natural Gas Or Propane Generator Sets (Cummins)** *(26 32 13 19)*<br>Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0686 for fuel reimbursement, 01 22 23 00-0695 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches. | | |
| 26 32 13 19-0002 | | EA | 20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA) | 13,001.71 | 797.66 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *3,944.70* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *10,206.13* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *13,608.17* | |
| | | | *For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *4,272.40* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *7,088.32* | |
| 26 32 13 19-0003 | | EA | 25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB) | 14,675.08 | 952.43 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *3,944.70* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *10,206.13* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *13,608.17* | |
| | | | *For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *4,272.40* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *7,088.32* | |
| 26 32 13 19-0004 | | EA | 29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC) | 16,911.76 | 1,059.58 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *3,944.70* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *10,206.13* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *13,608.17* | |
| | | | *For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *4,272.40* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *7,088.32* | |
| 26 32 13 19-0005 | | EA | 35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA) | 19,161.79 | 1,172.68 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *3,944.70* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *10,206.13* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *13,608.17* | |
| | | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *12,084.91* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0006 | | EA | 40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB) | 21,483.38 | 1,285.79 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *3,944.70* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *10,206.13* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *13,608.17* | |
| | | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *12,084.91* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0007 | | EA | 45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC) | 23,270.09 | 1,386.98 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *3,944.70* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *10,206.13* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *13,608.17* | |
| | | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *12,084.91* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0008 | | EA | 60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE) | 25,473.50 | 1,696.52 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *3,944.70* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *10,206.13* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *13,608.17* | |
| | | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *12,084.91* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0009 | | EA | 70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF) | 27,335.55 | 1,898.91 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *3,944.70* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *10,206.13* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *13,608.17* | |
| | | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *12,084.91* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0010 | | EA | 85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG) | 35,762.92 | 2,029.88 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *7,189.45* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *15,604.29* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *20,805.72* | |
| | | | *For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *14,168.52* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0011 | | EA | 100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH) | 43,038.48 | 2,285.84 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *7,189.45* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *15,604.29* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *20,805.72* | |
| | | | *For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *14,168.52* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0012 | | EA | 125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA) | 49,326.51 | 2,738.25 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *7,189.45* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *15,604.29* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *20,805.72* | |
| | | | *For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *14,168.52* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0013 | | EA | 150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB) | 58,555.28 | 3,018.03 |
| | | | *For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add* | *7,189.45* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add* | *15,604.29* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add* | *20,805.72* | |
| | | | *For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *14,168.52* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add* | *20,283.81* | |
| 26 32 13 19-0014 | | EA | 175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA) | 94,366.39 | 8,027.71 |
| | | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *38,366.68* | |
| | | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *42,470.68* | |
| | | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *56,627.57* | |
| | | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *41,949.27* | |
| | | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *62,949.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 32 13 19-0015 | EA | 205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB) | 107,072.39 | 3,625.20 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *38,366.68* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *42,470.68* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *56,627.57* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *41,949.27* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *62,949.19* | |
| 26 32 13 19-0016 | EA | 250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC) | 115,150.01 | 4,059.74 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *38,366.68* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *42,470.68* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *56,627.57* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *41,949.27* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *62,949.19* | |
| 26 32 13 19-0017 | EA | 300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA) | 148,744.52 | 4,470.49 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *38,366.68* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *42,470.68* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *56,627.57* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *41,949.27* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *62,949.19* | |
| 26 32 13 19-0018 | EA | 350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB) | 159,677.42 | 5,000.28 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *38,366.68* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *42,470.68* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *56,627.57* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *41,949.27* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *62,949.19* | |
| 26 32 13 19-0019 | EA | 450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA) | 224,085.36 | 5,899.13 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *83,775.14* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *89,010.45* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *118,680.61* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *95,154.05* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *134,485.67* | |
| 26 32 13 19-0020 | EA | 500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB) | 286,456.05 | 6,286.06 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *83,775.14* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *89,010.45* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *118,680.61* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *95,154.05* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *134,485.67* | |
| 26 32 13 19-0021 | EA | 550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC) | 320,437.92 | 6,625.37 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *83,775.14* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *89,010.45* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *118,680.61* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *95,154.05* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *134,485.67* | |
| 26 32 13 19-0022 | EA | 600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA) | 364,852.77 | 6,923.00 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *83,775.14* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *89,010.45* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *118,680.61* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *95,154.05* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *134,485.67* | |
| 26 32 13 19-0023 | EA | 650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB) | 381,469.74 | 7,184.92 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *83,775.14* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *89,010.45* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *118,680.61* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *95,154.05* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *134,485.67* | |
| 26 32 13 19-0024 | EA | 725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC) | 403,481.30 | 7,678.99 |
| | | *For Weather Resistant Steel Natural Gas Generator Enclosure, Add* | *83,775.14* | |
| | | *For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add* | *89,010.45* | |
| | | *For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add* | *118,680.61* | |
| | | *For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add* | *95,154.05* | |
| | | *For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add* | *134,485.67* | |

### 26 32 13 19-0025 Small Natural Gas Or Propane Air Cooled Generator Sets *(26 32 13 19)*

| | | | | |
|---|---|---|---|---|
| 26 32 13 19-0026 | EA | 7.5 KW Natural Gas Or Propane Air Cooled Generator Set<br>Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch. | 4,395.18 | 519.10 |
| 26 32 13 19-0027 | EA | 10 KW Natural Gas Or Propane Air Cooled Generator Set<br>Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch. | 5,534.13 | 576.77 |
| 26 32 13 19-0028 | EA | 14 KW Natural Gas Or Propane Air Cooled Generator Set<br>Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch. | 6,322.79 | 606.05 |

## 26 32 29 Rotary Converters *(26 32)*

### 26 32 29 00-0001 60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output *(26 32 29)*

| | | | | |
|---|---|---|---|---|
| 26 32 29 00-0002 | EA | 3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 8,575.30 | 219.99 |
| 26 32 29 00-0003 | EA | 5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 10,446.63 | 219.99 |
| 26 32 29 00-0004 | EA | 7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 13,840.89 | 219.99 |
| 26 32 29 00-0005 | EA | 10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 13,949.82 | 219.99 |
| 26 32 29 00-0006 | EA | 15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 15,484.21 | 274.98 |
| 26 32 29 00-0007 | EA | 20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 16,769.99 | 274.98 |
| 26 32 29 00-0008 | EA | 25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 17,560.67 | 274.98 |
| 26 32 29 00-0009 | EA | 40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 21,383.35 | 362.97 |
| 26 32 29 00-0010 | EA | 50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 23,767.06 | 362.97 |

### 26 32 29 00-0011 60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output *(26 32 29)*

| | | | | |
|---|---|---|---|---|
| 26 32 29 00-0012 | EA | 3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 9,930.05 | 219.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 32 29 00-0013 | EA | 5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 11,842.43 | 219.99 |
| 26 32 29 00-0014 | EA | 7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 13,546.13 | 219.99 |
| 26 32 29 00-0015 | EA | 10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 13,922.18 | 219.99 |
| 26 32 29 00-0016 | EA | 15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 15,768.71 | 274.98 |
| 26 32 29 00-0017 | EA | 20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 17,342.68 | 274.98 |
| 26 32 29 00-0018 | EA | 25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 17,915.37 | 274.98 |
| 26 32 29 00-0019 | EA | 40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 21,298.37 | 362.97 |
| 26 32 29 00-0020 | EA | 50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion | 22,595.23 | 362.97 |
| **26 32 29 00-0021** | | **460 Volt 3 Phase AC Motor Drive 250 Volt DC** *(26 32 29)* | | |
| 26 32 29 00-0022 | EA | 33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion | 24,804.50 | 4,166.89 |
| 26 32 29 00-0023 | EA | 40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion | 27,485.37 | 4,166.89 |
| 26 32 29 00-0024 | EA | 50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion | 31,249.34 | 5,952.71 |
| 26 32 29 00-0025 | EA | 65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion | 36,488.70 | 5,952.71 |
| 26 32 29 00-0026 | EA | 85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion | 41,434.77 | 5,952.71 |
| 26 32 29 00-0027 | EA | 100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion | 48,611.98 | 8,929.06 |
| 26 32 29 00-0028 | EA | 125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion | 58,877.71 | 8,929.06 |
| **26 32 29 00-0029** | | **4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC** *(26 32 29)* | | |
| 26 32 29 00-0030 | EA | 170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion | 86,234.92 | 11,905.42 |
| 26 32 29 00-0031 | EA | 200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion | 93,957.53 | 11,905.42 |
| 26 32 29 00-0032 | EA | 240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion | 113,046.36 | 15,477.04 |
| 26 32 29 00-0033 | EA | 320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion | 128,491.51 | 18,810.56 |
| 26 32 29 00-0034 | EA | 400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion | 152,260.88 | 18,810.56 |
| 26 32 29 00-0035 | EA | 560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion | 216,005.20 | 28,096.78 |
| 26 32 29 00-0036 | EA | 640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion | 223,405.69 | 28,096.78 |
| 26 32 29 00-0037 | EA | 800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion | 257,306.68 | 32,739.89 |

## 26 33 Battery Equipment *(26 30)*

### 26 33 13 Batteries *(26 33)*

| | | | | |
|---|---|---|---|---|
| **26 33 13 00-0001** | | **Standby Batteries** *(26 33 13)* | | |
| 26 33 13 00-0002 | EA | 12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery | 1,050.15 | 27.55 |
| 26 33 13 00-0003 | EA | 12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket | 1,134.48 | 27.55 |
| 26 33 13 00-0004 | EA | 725CCA, Group 31, 12 Volt Lead Calcium Standby Battery | 270.83 | 27.55 |
| 26 33 13 00-0005 | EA | 810CCA, Group 24, 12 Volt Lead Calcium Standby Battery | 247.11 | 27.55 |
| 26 33 13 00-0006 | EA | 1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery | 416.30 | 27.55 |
| 26 33 13 00-0007 | EA | 1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery | 481.86 | 27.55 |

### 26 33 43 Battery Chargers *(26 33)*

| | | | | |
|---|---|---|---|---|
| **26 33 43 00-0001** | | **Solid State Chargers, Single Phase** *(26 33 43)*<br>Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V. | | |
| 26 33 43 00-0002 | EA | Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt | 2,996.48 | 628.03 |
| 26 33 43 00-0003 | EA | Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt | 3,498.60 | 628.03 |
| 26 33 43 00-0004 | EA | Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt | 3,851.52 | 628.03 |
| 26 33 43 00-0005 | EA | Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt | 4,074.80 | 743.59 |

### 26 33 53 Static Uninterruptible Power Supply *(26 33)*

| | | | | |
|---|---|---|---|---|
| **26 33 53 00-0001** | | **Single Phase, Uninterruptible Power Supply Systems (UPS)** *(26 33 53)* | | |
| **26 33 53 00-0002** | | **Single Phase, Uninterruptible Power Supply Systems (UPS)** *(26 33 53 00-0001)* | | |
| **26 33 53 00-0003** | | **120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)*<br>Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics. | | |
| 26 33 53 00-0004 | EA | 0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120)<br>Note: Includes 12 minutes of battery backup at full load. | 1,039.61 | 108.90 |
| 26 33 53 00-0005 | EA | 0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120)<br>Note: Includes 6 minutes of battery backup at full load. | 1,241.69 | 127.04 |
| 26 33 53 00-0006 | EA | 1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120)<br>Note: Includes 5 minutes of battery backup at full load. | 1,529.93 | 145.19 |
| 26 33 53 00-0007 | EA | 1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120)<br>Note: Includes 5 minutes of battery backup at full load. | 1,868.29 | 163.34 |
| 26 33 53 00-0008 | EA | 2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120)<br>Note: Includes 4 minutes of battery backup at full load. | 2,396.03 | 181.49 |
| 26 33 53 00-0009 | EA | 3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120)<br>Note: Includes 4 minutes of battery backup at full load. | 3,855.38 | 217.79 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 33 53 00-0010** | | **208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)*<br>Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics. | | |
| 26 33 53 00-0011 | EA | 3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208)<br>Note: Includes 4 minutes of battery backup at full load. | 3,784.59 | 217.79 |
| **26 33 53 00-0012** | | **120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)*<br>Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics. | | |
| 26 33 53 00-0013 | EA | 5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208)<br>Note: Includes 5 minutes of battery backup at full load. | 5,835.94 | 290.38 |
| 26 33 53 00-0014 | EA | 6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208)<br>Note: Includes 4 minutes of battery backup at full load. | 6,382.48 | 326.68 |
| 26 33 53 00-0015 | EA | 8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208)<br>Note: Includes 7 minutes of battery backup at full load. | 9,539.38 | 399.27 |
| 26 33 53 00-0016 | EA | 10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208)<br>Note: Includes 4-1/2 minutes of battery backup at full load. | 10,964.52 | 435.57 |
| **26 33 53 00-0017** | | **230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)*<br>Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics. | | |
| 26 33 53 00-0018 | EA | 0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230)<br>Note: Includes 11 minutes of battery backup at full load. | 1,241.69 | 127.04 |
| 26 33 53 00-0019 | EA | 1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230)<br>Note: Includes 6 minutes of battery backup at full load. | 1,529.93 | 145.19 |
| 26 33 53 00-0020 | EA | 1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230)<br>Note: Includes 4 minutes of battery backup at full load. | 1,889.20 | 163.34 |
| 26 33 53 00-0021 | EA | 2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230)<br>Note: Includes 4 minutes of battery backup at full load. | 2,401.07 | 181.49 |
| 26 33 53 00-0022 | EA | 3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230)<br>Note: Includes 4 minutes of battery backup at full load. | 3,871.10 | 217.79 |
| 26 33 53 00-0023 | EA | 5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230)<br>Note: Includes 9 minutes of battery backup at full load. | 5,599.53 | 290.38 |
| 26 33 53 00-0024 | EA | 6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230)<br>Note: Includes 6 minutes of battery backup at full load. | 6,873.98 | 326.68 |
| 26 33 53 00-0025 | EA | 10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230)<br>Note: Includes 3 minutes of battery backup at full load. | 10,626.58 | 435.57 |
| **26 33 53 00-0026** | | **Optional Accessories For Single Phase, Uninterruptible Power Supply Systems** *(26 33 53 00-0001)* | | |
| 26 33 53 00-0027 | EA | External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT)<br>Note: Rack mount or tower configuration. | 687.16 | 33.00 |
| 26 33 53 00-0028 | EA | External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT)<br>Note: Rack mount or tower configuration. | 899.81 | 33.00 |
| 26 33 53 00-0029 | EA | External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT)<br>Note: Rack mount or tower configuration. | 876.14 | 33.00 |
| 26 33 53 00-0030 | EA | External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT)<br>Note: Rack mount or tower configuration. | 595.56 | 33.00 |
| 26 33 53 00-0031 | EA | Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT) | 884.07 | 108.90 |
| 26 33 53 00-0032 | EA | Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT) | 994.07 | 145.19 |
| **26 33 53 00-0033** | | **Three Phase, Uninterruptible Power Supply Systems (UPS)** *(26 33 53)* | | |
| **26 33 53 00-0034** | | **208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery** *(26 33 53 00-0033)*<br>Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics. | | |
| 26 33 53 00-0035 | EA | 10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) | 36,524.41 | 435.57 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 33 53 00-0036 | EA | 15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) | 40,450.81 | 580.76 |
| 26 33 53 00-0037 | EA | 20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) | 45,227.57 | 725.95 |
| 26 33 53 00-0038 | EA | 30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) | 49,068.94 | 871.14 |
| 26 33 53 00-0039 | EA | 40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) | 59,032.83 | 1,016.34 |

### 26 33 53 00-0040 208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)*

Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.

| | | | | |
|---|---|---|---|---|
| 26 33 53 00-0041 | EA | 60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 80,120.62 | 1,732.39 |
| 26 33 53 00-0042 | EA | 80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 87,185.25 | 2,144.86 |
| 26 33 53 00-0043 | EA | 100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 96,448.54 | 2,502.34 |
| 26 33 53 00-0044 | EA | 120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 119,022.57 | 2,832.32 |
| 26 33 53 00-0045 | EA | 140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 123,608.94 | 3,162.29 |
| 26 33 53 00-0046 | EA | 160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 128,480.88 | 3,492.28 |
| 26 33 53 00-0047 | EA | 180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 134,373.26 | 3,822.25 |
| 26 33 53 00-0048 | EA | 200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 140,265.63 | 4,152.23 |

### 26 33 53 00-0049 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)*

Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.

| | | | | |
|---|---|---|---|---|
| 26 33 53 00-0050 | EA | 50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 74,781.20 | 1,429.90 |
| 26 33 53 00-0051 | EA | 100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 96,958.75 | 2,513.33 |
| 26 33 53 00-0052 | EA | 150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 132,440.31 | 2,903.81 |
| 26 33 53 00-0053 | EA | 200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 155,949.73 | 3,189.79 |
| 26 33 53 00-0054 | EA | 250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS) | 182,350.33 | 3,519.77 |

### 26 33 53 00-0055 Optional Accessories For Three Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0033)*

| | | | | |
|---|---|---|---|---|
| 26 33 53 00-0056 | EA | Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems | 613.63 | 54.99 |
| 26 33 53 00-0057 | EA | Network Interface Card For Three Phase Uninterruptible Power Supply Systems | 986.72 | 54.99 |
| 26 33 53 00-0058 | EA | Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems | 1,897.36 | 109.99 |
| 26 33 53 00-0059 | EA | Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems | 5,910.30 | 439.97 |
| 26 33 53 00-0060 | EA | 12 Volt, 491 Watt, 3 Phase, 134 Ampere Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR) | 555.18 | 54.99 |
| 26 33 53 00-0061 | EA | 12 Volt, 204 Watt, 3 Phase, 55 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200) | 303.18 | 54.99 |
| 26 33 53 00-0062 | EA | 12 Volt, 257 Watt, 3 Phase, 65 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250) | 339.95 | 54.99 |
| 26 33 53 00-0063 | EA | 12 Volt, 311 Watt, 3 Phase, 75 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300) | 376.72 | 54.99 |
| 26 33 53 00-0064 | EA | 12 Volt, 374 Watt, 3 Phase, 90 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350) | 442.91 | 54.99 |
| 26 33 53 00-0065 | EA | 12 Volt, 415 Watt, 3 Phase, 100 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400) | 464.98 | 54.99 |
| 26 33 53 00-0066 | EA | 12 Volt, 493 Watt, 3 Phase, 135 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500) | 578.97 | 54.99 |
| 26 33 53 00-0067 | EA | 12 Volt, 540 Watt, 3 Phase, 150 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540) | 606.55 | 54.99 |

### 26 33 53 00-0068 Other Uninterruptable Power Supply Equipment *(26 33 53)*

| | | | | |
|---|---|---|---|---|
| 26 33 53 00-0069 | EA | Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In | 5,436.69 | 100.48 |
| 26 33 53 00-0070 | EA | Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In | 6,540.35 | 200.97 |
| 26 33 53 00-0071 | EA | 1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel | 28.30 | 6.03 |
| 26 33 53 00-0072 | EA | 2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel | 51.18 | 7.54 |
| 26 33 53 00-0073 | EA | 2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel | 96.31 | 7.54 |
| 26 33 53 00-0074 | EA | 3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel | 141.06 | 10.05 |
| 26 33 53 00-0075 | EA | 3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel | 200.64 | 10.05 |
| 26 33 53 00-0076 | EA | Uninterrupted Power Supply Remote Status Panel | 3,721.54 | 100.48 |
| 26 33 53 00-0077 | EA | Uninterrupted Power Supply Remote Contact Board | 1,233.96 | 75.36 |

## 26 35 Power Filters and Conditioners *(26 30)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 35 33** | | **Power Factor Correction Equipment** *(26 35)* | | |
| **26 35 33 16** | | **Low-Voltage Power Factor Correction Equipment** *(26 35 33)* | | |
| 26 35 33 16-0001 | | Power Factor Correction Capacitors *(26 35 33 16)* | | |
| 26 35 33 16-0002 | EA | Power Factor Correction Capacitors, 2.0 KVAC | 710.08 | |
| 26 35 33 16-0003 | EA | Power Factor Correction Capacitors, 3.0 KVAC | 786.43 | |
| 26 35 33 16-0004 | EA | Power Factor Correction Capacitors, 4.0 KVAC | 862.78 | |
| 26 35 33 16-0005 | EA | Power Factor Correction Capacitors, 5.0 KVAC | 936.08 | |
| 26 35 33 16-0006 | EA | Power Factor Correction Capacitors, 7.5 KVAC | 1,149.87 | |
| 26 35 33 16-0007 | EA | Power Factor Correction Capacitors, 10.0 KVAC | 1,404.89 | |
| 26 35 33 16-0008 | EA | Power Factor Correction Capacitors, 15.0 KVAC | 2,169.94 | |
| 26 35 33 16-0009 | EA | Power Factor Correction Capacitors, 20.0 KVAC | 2,635.69 | |
| 26 35 33 16-0010 | EA | Power Factor Correction Capacitors, 25.0 KVAC | 3,405.33 | |
| 26 35 33 16-0011 | EA | Power Factor Correction Capacitors, 30.0 KVAC | 3,872.60 | |
| 26 35 33 16-0012 | EA | Power Factor Correction Capacitors, 50.0 KVAC | 6,795.38 | |
| 26 35 33 16-0013 | EA | Power Factor Correction Capacitors, 75.0 KVAC | 10,217.50 | |
| 26 35 33 16-0014 | EA | Power Factor Correction Capacitors, 100.0 KVAC | 13,624.36 | |
| 26 35 33 16-0015 | EA | Power Factor Correction Capacitors, Fuse Kit | 632.20 | |
| **26 35 53** | | **Voltage Regulators** *(26 35)* | | |
| 26 35 53 00-0001 | | Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)* | | |
| | | Note: For diesel motor generator sets mounted in switchgear cabinet. | | |
| 26 35 53 00-0002 | EA | 50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear | 6,440.17 | 1,748.89 |
| 26 35 53 00-0003 | EA | 75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear | 7,350.27 | 2,199.86 |
| 26 35 53 00-0004 | EA | 100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear | 8,188.31 | 2,617.83 |
| 26 36 | | Transfer Switches *(26 30)* | | |
| **26 36 13** | | **Manual Transfer Switches** *(26 36)* | | |
| 26 36 13 00-0001 | | Fused Manual Transfer Switches *(26 36 13)* | | |
| 26 36 13 00-0002 | EA | 30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt | 1,305.40 | 192.49 |
| 26 36 13 00-0003 | EA | 60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt | 1,518.33 | 239.12 |
| 26 36 13 00-0004 | | Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 13)* | | |
| 26 36 13 00-0005 | EA | 40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40) | 2,707.86 | 288.38 |
| | | *For NEMA 3R Enclosure, Add* | *838.64* | |
| | | *For NEMA 12 Enclosure, Add* | *789.30* | |
| 26 36 13 00-0006 | EA | 70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70) | 3,007.73 | 346.06 |
| | | *For NEMA 3R Enclosure, Add* | *838.64* | |
| | | *For NEMA 12 Enclosure, Add* | *789.30* | |
| 26 36 13 00-0007 | EA | 125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125) | 3,417.06 | 403.74 |
| | | *For NEMA 3R Enclosure, Add* | *838.64* | |
| | | *For NEMA 12 Enclosure, Add* | *789.30* | |
| 26 36 13 00-0008 | EA | 150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150) | 4,231.35 | 461.42 |
| | | *For NEMA 3R Enclosure, Add* | *986.63* | |
| | | *For NEMA 12 Enclosure, Add* | *789.30* | |
| 26 36 13 00-0009 | EA | 225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225) | 5,222.56 | 519.10 |
| | | *For NEMA 3R Enclosure, Add* | *986.63* | |
| | | *For NEMA 12 Enclosure, Add* | *789.30* | |
| 26 36 13 00-0010 | EA | 260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260) | 5,869.78 | 576.77 |
| | | *For NEMA 3R Enclosure, Add* | *986.63* | |
| | | *For NEMA 12 Enclosure, Add* | *789.30* | |
| 26 36 13 00-0011 | EA | 300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300) | 6,526.96 | 634.44 |
| | | *For NEMA 3R Enclosure, Add* | *1,164.22* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 13 00-0012 | EA | 400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400) | 7,648.16 | 692.12 |
| | | *For NEMA 3R Enclosure, Add* | *1,164.22* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 13 00-0013 | EA | 600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600) | 10,100.88 | 865.16 |
| | | *For NEMA 3R Enclosure, Add* | *1,164.22* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 13 00-0014 | EA | 800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800) | 11,382.22 | 1,038.18 |
| | | *For NEMA 3R Enclosure, Add* | *1,430.60* | |
| | | *For NEMA 12 Enclosure, Add* | *1,381.28* | |
| 26 36 13 00-0015 | EA | 1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000) | 15,129.13 | 1,428.65 |
| | | *For NEMA 3R Enclosure, Add* | *1,430.60* | |
| | | *For NEMA 12 Enclosure, Add* | *1,381.28* | |
| **26 36 23** | | **Automatic Transfer Switches** *(26 36)* | | |
| 26 36 23 00-0001 | | Automatic Transfer Switch *(26 36 23)* | | |
| 26 36 23 00-0002 | | Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)* | | |
| | | Note: Programmable, 120/240 volt single phase, 3 wire. | | |
| 26 36 23 00-0003 | EA | 100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire | 2,486.70 | 403.74 |
| 26 36 23 00-0004 | EA | 225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire | 3,374.49 | 519.10 |
| 26 36 23 00-0005 | EA | 400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire | 5,326.78 | 692.12 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 36 23 00-0006 | EA | 600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire | 11,951.70 | 865.16 |
| 26 36 23 00-0007 | | **Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure** *(26 36 23 00-0001)* | | |
| 26 36 23 00-0008 | EA | 40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40) | 3,997.73 | 288.38 |
| | | *For NEMA 3R Enclosure, Add* | *838.64* | |
| | | *For NEMA 4 Enclosure, Add* | *887.96* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0009 | EA | 70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70) | 4,618.70 | 346.06 |
| | | *For NEMA 3R Enclosure, Add* | *838.64* | |
| | | *For NEMA 4 Enclosure, Add* | *887.96* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0010 | EA | 125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125) | 5,083.21 | 403.74 |
| | | *For NEMA 3R Enclosure, Add* | *838.64* | |
| | | *For NEMA 4 Enclosure, Add* | *887.96* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0011 | EA | 150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150) | 6,042.50 | 461.42 |
| | | *For NEMA 3R Enclosure, Add* | *986.63* | |
| | | *For NEMA 4 Enclosure, Add* | *1,282.61* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0012 | EA | 225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225) | 6,897.76 | 519.10 |
| | | *For NEMA 3R Enclosure, Add* | *986.63* | |
| | | *For NEMA 4 Enclosure, Add* | *1,282.61* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0013 | EA | 260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260) | 7,612.82 | 576.77 |
| | | *For NEMA 3R Enclosure, Add* | *986.63* | |
| | | *For NEMA 4 Enclosure, Add* | *1,282.61* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0014 | EA | 300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300) | 7,962.46 | 634.44 |
| | | *For NEMA 3R Enclosure, Add* | *1,164.22* | |
| | | *For NEMA 4 Enclosure, Add* | *1,381.28* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 23 00-0015 | EA | 400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400) | 8,998.62 | 692.12 |
| | | *For NEMA 3R Enclosure, Add* | *1,164.22* | |
| | | *For NEMA 4 Enclosure, Add* | *1,381.28* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 23 00-0016 | EA | 600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600) | 12,311.56 | 865.16 |
| | | *For NEMA 3R Enclosure, Add* | *1,164.22* | |
| | | *For NEMA 4 Enclosure, Add* | *1,381.28* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 23 00-0017 | EA | 800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800) | 13,823.56 | 1,038.18 |
| | | *For NEMA 3R Enclosure, Add* | *1,430.60* | |
| | | *For NEMA 4 Enclosure, Add* | *1,578.61* | |
| | | *For NEMA 12 Enclosure, Add* | *1,381.28* | |
| 26 36 23 00-0018 | EA | 1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000) | 17,982.93 | 1,428.65 |
| | | *For NEMA 3R Enclosure, Add* | *1,430.60* | |
| | | *For NEMA 4 Enclosure, Add* | *1,578.61* | |
| | | *For NEMA 12 Enclosure, Add* | *1,381.28* | |
| 26 36 23 00-0019 | EA | 1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200) | 23,279.08 | 1,547.70 |
| | | *For NEMA 3R Enclosure, Add* | *3,157.20* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *1,479.94* | |
| 26 36 23 00-0020 | EA | 1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600) | 24,845.27 | 1,785.82 |
| | | *For NEMA 3R Enclosure, Add* | *5,130.44* | |
| | | *For NEMA 4 Enclosure, Add* | *6,314.39* | |
| | | *For NEMA 12 Enclosure, Add* | *5,130.44* | |
| 26 36 23 00-0021 | EA | 2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000) | 28,403.98 | 2,023.92 |
| | | *For NEMA 3R Enclosure, Add* | *5,130.44* | |
| | | *For NEMA 4 Enclosure, Add* | *6,314.39* | |
| | | *For NEMA 12 Enclosure, Add* | *5,130.44* | |
| 26 36 23 00-0022 | EA | 3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000) | 34,315.72 | 2,500.13 |
| | | *For NEMA 3R Enclosure, Add* | *5,130.44* | |
| 26 36 23 00-0023 | EA | 4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000) | 59,295.28 | 2,976.35 |
| | | *For NEMA 3R Enclosure, Add* | *24,113.04* | |
| 26 36 23 00-0024 | | **Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure** *(26 36 23 00-0001)* | | |
| 26 36 23 00-0025 | EA | 150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150) | 20,064.30 | 2,191.73 |
| | | *For NEMA 3R Enclosure, Add* | *1,726.60* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *937.30* | |
| 26 36 23 00-0026 | EA | 225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225) | 20,948.26 | 2,307.08 |
| | | *For NEMA 3R Enclosure, Add* | *1,726.60* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *937.30* | |
| 26 36 23 00-0027 | EA | 260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260) | 21,960.55 | 2,422.43 |
| | | *For NEMA 3R Enclosure, Add* | *1,726.60* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *937.30* | |
| 26 36 23 00-0028 | EA | 300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300) | 24,471.79 | 2,480.11 |
| | | *For NEMA 3R Enclosure, Add* | *1,726.60* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *937.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 36 23 00-0029 | EA | 400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400) | 28,188.21 | 2,537.79 |
| | | *For NEMA 3R Enclosure, Add* | *1,726.60* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *937.30* | |
| 26 36 23 00-0030 | EA | 600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600) | 33,778.05 | 2,653.15 |
| | | *For NEMA 3R Enclosure, Add* | *1,726.60* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 23 00-0031 | EA | 800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800) | 37,210.36 | 2,768.49 |
| | | *For NEMA 3R Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *1,085.29* | |
| 26 36 23 00-0032 | EA | 1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000) | 46,712.25 | 3,229.91 |
| | | *For NEMA 3R Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 4 Enclosure, Add* | *1,775.92* | |
| | | *For NEMA 12 Enclosure, Add* | *1,085.29* | |
| 26 36 23 00-0033 | EA | 1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200) | 61,030.47 | 3,571.62 |
| | | *For NEMA 3R Enclosure, Add* | *7,892.98* | |
| | | *For NEMA 4 Enclosure, Add* | *9,866.22* | |
| | | *For NEMA 12 Enclosure, Add* | *7,892.98* | |
| 26 36 23 00-0034 | EA | 1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600) | 79,500.50 | 3,809.73 |
| | | *For NEMA 3R Enclosure, Add* | *16,772.57* | |
| | | *For NEMA 4 Enclosure, Add* | *16,772.57* | |
| | | *For NEMA 12 Enclosure, Add* | *15,628.10* | |
| 26 36 23 00-0035 | EA | 2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000) | 90,246.99 | 4,166.89 |
| | | *For NEMA 3R Enclosure, Add* | *16,772.57* | |
| | | *For NEMA 4 Enclosure, Add* | *16,772.57* | |
| | | *For NEMA 12 Enclosure, Add* | *15,628.10* | |
| 26 36 23 00-0036 | EA | 3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000) | 144,061.92 | 4,762.16 |
| | | *For NEMA 3R Enclosure, Add* | *20,719.06* | |
| 26 36 23 00-0037 | EA | 4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000) | 155,530.76 | 5,357.44 |
| | | *For NEMA 3R Enclosure, Add* | *20,719.06* | |

## 26 36 23 00-0038 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 36 23 00-0039 | EA | 40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40) | 6,487.00 | 288.38 |
| | | *For NEMA 3R Enclosure, Add* | *493.31* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0040 | EA | 70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70) | 7,022.06 | 346.06 |
| | | *For NEMA 3R Enclosure, Add* | *493.31* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0041 | EA | 125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125) | 7,556.22 | 403.74 |
| | | *For NEMA 3R Enclosure, Add* | *493.31* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0042 | EA | 150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150) | 9,069.97 | 461.42 |
| | | *For Four Pole Circuit Breaker, Add* | *2,466.56* | |
| | | *For NEMA 3R Enclosure, Add* | *493.31* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0043 | EA | 225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225) | 11,794.00 | 519.10 |
| | | *For Four Pole Circuit Breaker, Add* | *2,466.56* | |
| | | *For NEMA 3R Enclosure, Add* | *493.31* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0044 | EA | 250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250) | 12,561.53 | 576.77 |
| | | *For Four Pole Circuit Breaker, Add* | *2,466.56* | |
| | | *For NEMA 3R Enclosure, Add* | *493.31* | |
| | | *For NEMA 12 Enclosure, Add* | *887.96* | |
| 26 36 23 00-0045 | EA | 300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300) | 13,070.37 | 634.44 |
| | | *For Four Pole Circuit Breaker, Add* | *3,354.52* | |
| | | *For NEMA 3R Enclosure, Add* | *1,282.61* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 23 00-0046 | EA | 400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400) | 14,785.83 | 692.12 |
| | | *For Four Pole Circuit Breaker, Add* | *3,354.52* | |
| | | *For NEMA 3R Enclosure, Add* | *1,282.61* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |
| 26 36 23 00-0047 | EA | 600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600) | 17,945.90 | 865.16 |
| | | *For Four Pole Circuit Breaker, Add* | *3,354.52* | |
| | | *For NEMA 3R Enclosure, Add* | *1,282.61* | |
| | | *For NEMA 12 Enclosure, Add* | *986.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 36 23 00-0048 | EA | 800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800) | 18,722.52 | 1,038.18 |
| | | *For Four Pole Circuit Breaker, Add* | *4,785.12* | |
| | | *For NEMA 3R Enclosure, Add* | *2,210.04* | |
| | | *For NEMA 12 Enclosure, Add* | *1,381.28* | |
| 26 36 23 00-0049 | EA | 1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000) | 22,216.15 | 1,428.65 |
| | | *For Four Pole Circuit Breaker, Add* | *4,785.12* | |
| | | *For NEMA 3R Enclosure, Add* | *2,210.04* | |
| | | *For NEMA 12 Enclosure, Add* | *1,381.28* | |

### 26 36 23 00-0050 Accessories *(26 36 23)*

| | | | | |
|---|---|---|---|---|
| 26 36 23 00-0051 | EA | Auxiliary Contacts For Automatic Transfer Switch | 228.90 | |
| 26 36 23 00-0052 | EA | Battery Charger For Automatic Transfer Switch | 1,874.59 | |
| 26 36 23 00-0053 | EA | Elevator Relay Signal For Automatic Transfer Switch | 680.77 | |

## 26 40 Electrical And Cathodic Protection *(26)*

## 26 41 Facility Lightning Protection *(26 40)*

### 26 41 13 Lightning Protection for Structures *(26 41)*

### 26 41 13 13 Lightning Protection for Buildings *(26 41 13)*

### 26 41 13 13-0001 Lightning Protection *(26 41 13 13)*

See CSI section 26 05 26 00-0001 for conductors.

### 26 41 13 13-0002 Air Terminals For Lightning Protection *(26 41 13 13-0001)*

### 26 41 13 13-0003 Copper Lightning Protection Air Terminals *(26 41 13 13-0002)*

| | | | | |
|---|---|---|---|---|
| 26 41 13 13-0004 | EA | 3/8" x 10" Copper Lightning Protection Air Terminal | 53.11 | 11.00 |
| 26 41 13 13-0005 | EA | 1/2" x 12" Copper Lightning Protection Air Terminal | 66.38 | 11.00 |
| 26 41 13 13-0006 | EA | 5/8" x 12" Copper Lightning Protection Air Terminal | 85.29 | 11.00 |
| 26 41 13 13-0007 | EA | 1/2" x 24" Copper Lightning Protection Air Terminal | 94.98 | 11.00 |
| 26 41 13 13-0008 | EA | 1/2" x 60" Copper Lightning Protection Air Terminal | 181.99 | 21.99 |

### 26 41 13 13-0009 Aluminum Lightning Protection Air Terminals *(26 41 13 13-0002)*

| | | | | |
|---|---|---|---|---|
| 26 41 13 13-0010 | EA | 3/8" x 10" Aluminum Lightning Protection Air Terminal | 56.37 | 11.00 |
| 26 41 13 13-0011 | EA | 1/2" x 12" Aluminum Lightning Protection Air Terminal | 72.13 | 11.00 |
| 26 41 13 13-0012 | EA | 5/8" x 12" Aluminum Lightning Protection Air Terminal | 90.78 | 11.00 |
| 26 41 13 13-0013 | EA | 1/2" x 24" Aluminum Lightning Protection Air Terminal | 101.04 | 11.00 |
| 26 41 13 13-0014 | EA | 1/2" x 60" Aluminum Lightning Protection Air Terminal | 194.43 | 21.99 |

### 26 41 13 13-0015 Terminal Bases For Lightning Protection *(26 41 13 13-0001)*

### 26 41 13 13-0016 Copper Lightning Protection Terminal Bases *(26 41 13 13-0015)*

| | | | | |
|---|---|---|---|---|
| 26 41 13 13-0017 | EA | Adhesive Base For Copper Lightning Protection Terminal | 80.10 | 33.00 |
| 26 41 13 13-0018 | EA | Bolted Base For Copper Lightning Protection Terminal | 109.67 | 44.00 |
| 26 41 13 13-0019 | EA | Hinged Base For Copper Lightning Protection Terminal | 145.85 | 54.99 |
| 26 41 13 13-0020 | EA | Side Mounted Base For Copper Lightning Protection Terminal | 109.67 | 44.00 |
| 26 41 13 13-0021 | EA | Offset Point Support For Copper Lightning Protection Terminal | 115.54 | 44.00 |
| 26 41 13 13-0022 | EA | Concealed Base Assembly For Copper Lightning Protection Terminal | 207.33 | 87.99 |
| 26 41 13 13-0023 | EA | 36" Tripod Base For 60" Copper Lightning Protection Terminal | 144.31 | 54.99 |
| 26 41 13 13-0024 | EA | Intermediate Base For Copper Lightning Protection Terminal | 80.10 | 33.00 |

### 26 41 13 13-0025 Aluminum Lightning Protection Terminal Bases *(26 41 13 13-0015)*

| | | | | |
|---|---|---|---|---|
| 26 41 13 13-0026 | EA | Adhesive Base For Aluminum Lightning Protection Terminal | 79.80 | 33.00 |
| 26 41 13 13-0027 | EA | Bolted Base For Aluminum Lightning Protection Terminal | 111.51 | 44.00 |
| 26 41 13 13-0028 | EA | Hinged Base For Aluminum Lightning Protection Terminal | 148.42 | 54.99 |
| 26 41 13 13-0029 | EA | Side Mounted Base For Aluminum Lightning Protection Terminal | 111.82 | 44.00 |
| 26 41 13 13-0030 | EA | Offset Point Support For Aluminum Lightning Protection Terminal | 116.17 | 44.00 |
| 26 41 13 13-0031 | EA | Concealed Base Assembly For Aluminum Lightning Protection Terminal | 211.92 | 87.99 |
| 26 41 13 13-0032 | EA | 36" Tripod Base For 60" Aluminum Lightning Protection Terminal | 145.23 | 54.99 |
| 26 41 13 13-0033 | EA | Intermediate Base For Aluminum Lightning Protection Terminal | 79.80 | 33.00 |

### 26 41 13 13-0034 Connectors *(26 41 13 13-0001)*

### 26 41 13 13-0035 Copper Cable Connectors *(26 41 13 13-0034)*

| | | | | |
|---|---|---|---|---|
| 26 41 13 13-0036 | EA | Thru Wall Cable Connector For Copper Lightning Protection System | 161.39 | 54.99 |
| 26 41 13 13-0037 | EA | Thru Roof Adapter Assembly For Copper Lightning Protection System | 223.19 | 87.99 |
| 26 41 13 13-0038 | EA | Beam Connector For Copper Lightning Protection System | 146.91 | 54.99 |
| 26 41 13 13-0039 | EA | Double Bolt Cable Connector For Copper Lightning Protection System | 34.18 | 11.00 |
| 26 41 13 13-0040 | EA | Cable To Bar Connector For Copper Lightning Protection System | 34.58 | 11.00 |
| 26 41 13 13-0041 | EA | Tee Connector For Copper Lightning Protection Terminal | 105.95 | 33.00 |

### 26 41 13 13-0042 Aluminum Cable Connectors *(26 41 13 13-0034)*

| | | | | |
|---|---|---|---|---|
| 26 41 13 13-0043 | EA | Thru Wall Cable Connector For Aluminum Lightning Protection System | 161.79 | 54.99 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 41 13 13-0044 | EA | Thru Roof Adapter Assembly For Aluminum Lightning Protection System | 229.79 | 87.99 |
| 26 41 13 13-0045 | EA | Beam Connector For Aluminum Lightning Protection System | 152.47 | 54.99 |
| 26 41 13 13-0046 | EA | Double Bolt Cable Connector For Aluminum Lightning Protection System | 35.42 | 11.00 |
| 26 41 13 13-0047 | EA | Tee Connector For Aluminum Lightning Protection Terminal | 104.93 | 33.00 |
| 26 41 13 13-0048 | | Bonding Plates *(26 41 13 13-0001)* | | |
| 26 41 13 13-0049 | | Copper Bonding Plates *(26 41 13 13-0048)* | | |
| 26 41 13 13-0050 | EA | 8" Square I Beam Bonding Plate For Copper Lightning Protection System | 132.93 | 54.99 |
| 26 41 13 13-0051 | EA | 8" Square Purlin Bonding Plate For Copper Lightning Protection System | 136.52 | 54.99 |
| 26 41 13 13-0052 | EA | 16" Square Bonding Plate For Copper Lightning Protection System | 201.59 | 87.99 |
| 26 41 13 13-0053 | | Aluminum Bonding Plates *(26 41 13 13-0048)* | | |
| 26 41 13 13-0054 | EA | 8" Square I Beam Bonding Plate For Aluminum Lightning Protection System | 132.26 | 54.99 |
| 26 41 13 13-0055 | EA | 8" Square Purlin Bonding Plate For Aluminum Lightning Protection System | 137.23 | 54.99 |
| 26 41 13 13-0056 | EA | 16" Square Bonding Plate For Aluminum Lightning Protection System | 199.17 | 87.99 |
| 26 41 13 13-0057 | | Cable Supports *(26 41 13 13-0001)* | | |
| 26 41 13 13-0058 | | Copper Cable Supports *(26 41 13 13-0057)* | | |
| 26 41 13 13-0059 | EA | Loop Fastener, Copper Cable Supports For Lightning Protection System | 25.20 | 11.00 |
| 26 41 13 13-0060 | EA | Adhesive Cable Holder, Copper Cable Support For Lightning Protection System | 25.71 | 11.00 |
| 26 41 13 13-0061 | | Aluminum Cable Supports *(26 41 13 13-0057)* | | |
| 26 41 13 13-0062 | EA | Loop Fastener, Aluminum Cable Supports For Lightning Protection System | 24.80 | 11.00 |
| 26 41 13 13-0063 | EA | Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System | 24.63 | 11.00 |
| 26 41 13 13-0064 | | Bonding Straps *(26 41 13 13-0001)* | | |
| 26 41 13 13-0065 | | Copper Bonding Straps *(26 41 13 13-0064)* | | |
| 26 41 13 13-0066 | EA | 3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System | 69.32 | 33.00 |
| 26 41 13 13-0067 | | Aluminum Bonding Straps *(26 41 13 13-0064)* | | |
| 26 41 13 13-0068 | EA | 3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System | 69.23 | 33.00 |
| 26 41 13 13-0069 | | Accessories For Lightning Protection *(26 41 13 13-0001)*<br>See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers. | | |
| 26 41 13 13-0070 | | Copper Adapters *(26 41 13 13-0069)* | | |
| 26 41 13 13-0071 | EA | Swivel Adapters For Copper Lightning Protection System | 24.51 | 5.50 |
| 26 41 13 13-0072 | | Aluminum Adapters *(26 41 13 13-0069)* | | |
| 26 41 13 13-0073 | EA | Swivel Adapters For Aluminum Lightning Protection System | 28.62 | 5.50 |
| 26 41 13 13-0074 | EA | Floor Ground Receptacle For Aluminum Lightning Protection System | 162.88 | 54.99 |
| **26 41 23** | | **Surge Protective Devices for Lightning Protection *(26 41)*** | | |
| 26 41 23 00-0001 | | Surge And Lightning Arrestors *(26 41 23)* | | |
| 26 41 23 00-0002 | | Metal Top Intermediate Type IMX *(26 41 23 00-0001)*<br>Note: For outdoor construction, single phase. | | |
| 26 41 23 00-0003 | EA | 3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 981.09 | 250.43 |
| 26 41 23 00-0004 | EA | 4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 1,055.79 | 250.43 |
| 26 41 23 00-0005 | EA | 6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 1,055.79 | 250.43 |
| 26 41 23 00-0006 | EA | 7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 1,194.51 | 250.43 |
| 26 41 23 00-0007 | EA | 9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 1,194.51 | 250.43 |
| 26 41 23 00-0008 | EA | 10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 1,309.77 | 250.43 |
| 26 41 23 00-0009 | EA | 12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 1,309.77 | 250.43 |
| 26 41 23 00-0010 | EA | 15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 1,776.46 | 313.05 |
| 26 41 23 00-0011 | EA | 18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 1,836.22 | 313.05 |
| 26 41 23 00-0012 | EA | 21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 2,029.32 | 375.65 |
| 26 41 23 00-0013 | EA | 24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 2,182.99 | 375.65 |
| 26 41 23 00-0014 | EA | 27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase | 2,569.29 | 375.65 |
| 26 41 23 00-0015 | | Porcelain Top Intermediate Type IMX *(26 41 23 00-0001)*<br>Note: For cubicle mounting, single phase. | | |
| 26 41 23 00-0016 | EA | 3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 981.09 | 250.43 |
| 26 41 23 00-0017 | EA | 4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 1,055.79 | 250.43 |
| 26 41 23 00-0018 | EA | 6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 1,055.79 | 250.43 |
| 26 41 23 00-0019 | EA | 7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 1,194.51 | 250.43 |
| 26 41 23 00-0020 | EA | 9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 1,194.51 | 250.43 |
| 26 41 23 00-0021 | EA | 10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 1,309.77 | 250.43 |
| 26 41 23 00-0022 | EA | 12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 1,309.77 | 250.43 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 41 23 00-0023 | EA | 15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 1,776.46 | 313.05 |
| 26 41 23 00-0024 | EA | 18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 1,836.22 | 313.05 |
| 26 41 23 00-0025 | EA | 21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 2,029.32 | 375.65 |
| 26 41 23 00-0026 | EA | 24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 2,182.99 | 375.65 |
| 26 41 23 00-0027 | EA | 27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase | 2,569.29 | 375.65 |
| **26 41 23 00-0028** | | **IMX Accessories** *(26 41 23 00-0001)* | | |
| 26 41 23 00-0029 | EA | 1 Crossarm Bracket Reversible 3-27 KV IMX | 827.42 | 250.43 |
| 26 41 23 00-0030 | EA | Single Unit Horizontal Pole Mounted Bracket (IMX) | 818.88 | 250.43 |
| 26 41 23 00-0031 | EA | 3 Unit Horizontal Pole Mounted Bracket (IMX) | 754.94 | 250.43 |
| **26 41 23 00-0032** | | **Lightning Arrestor And Cutouts** *(26 41 23 00-0001)* | | |
| 26 41 23 00-0033 | EA | 3 KV La Distribution Class, Lightning Arrestor | 588.38 | 250.43 |
| 26 41 23 00-0034 | EA | 3 KV La Interior Class, Lightning Arrestor | 1,037.94 | 250.43 |
| 26 41 23 00-0035 | EA | 3 KV La Station Class, Lightning Arrestor | 981.09 | 250.43 |
| 26 41 23 00-0036 | EA | 9 KV La Distribution Class, Lightning Arrestor | 635.33 | 250.43 |
| 26 41 23 00-0037 | EA | 9 KV La Interior Class, Lightning Arrestor | 1,162.41 | 250.43 |
| 26 41 23 00-0038 | EA | 9 KV La Station Class, Lightning Arrestor | 1,194.51 | 250.43 |
| 26 41 23 00-0039 | EA | 5 KV Enclosed Fused Cutout | 708.32 | 250.43 |
| 26 41 23 00-0040 | EA | 15 KV Open Fused Cutout | 781.88 | 313.05 |
| 26 41 23 00-0041 | EA | 18 KV La Distribution Class, Lightning Arrestor | 610.63 | 250.43 |
| 26 41 23 00-0042 | EA | 18 KV La Interior Class, Lightning Arrestor | 1,228.95 | 250.43 |

## 26 43 Surge Protective Devices *(26 40)*

### 26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

**26 43 13 00-0001 25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression** *(26 43 13)*
Note: Liebert LPL

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0002 | EA | 120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor | 321.40 | 27.50 |
| 26 43 13 00-0003 | EA | 208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor | 348.43 | 27.50 |
| 26 43 13 00-0004 | EA | 240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor | 359.44 | 33.00 |
| 26 43 13 00-0005 | EA | 277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor | 302.69 | 21.99 |
| 26 43 13 00-0006 | EA | 480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor | 359.44 | 33.00 |

**26 43 13 00-0007 50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression** *(26 43 13)*
Note: Liebert LPL

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0008 | EA | 120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor | 454.60 | 27.50 |
| 26 43 13 00-0009 | EA | 208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor | 481.06 | 33.00 |
| 26 43 13 00-0010 | EA | 208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor | 470.05 | 27.50 |
| 26 43 13 00-0011 | EA | 480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor | 481.06 | 33.00 |

**26 43 13 00-0012 100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression** *(26 43 13)*
Note: Liebert LPL

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0013 | EA | 120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor | 554.99 | 27.50 |
| 26 43 13 00-0014 | EA | 208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor | 581.44 | 33.00 |
| 26 43 13 00-0015 | EA | 277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor | 520.83 | 21.99 |
| 26 43 13 00-0016 | EA | 480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor | 581.44 | 33.00 |

**26 43 13 00-0017 100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression** *(26 43 13)*
Note: Liebert LPM

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0018 | EA | 120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor | 659.24 | 27.50 |
| 26 43 13 00-0019 | EA | 208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor | 741.68 | 33.00 |
| 26 43 13 00-0020 | EA | 277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor | 627.01 | 21.99 |

**26 43 13 00-0021 160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression** *(26 43 13)*
Note: Liebert LPM

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0022 | EA | 208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor | 1,176.04 | 33.00 |
| 26 43 13 00-0023 | EA | 208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor | 1,165.03 | 27.50 |
| 26 43 13 00-0024 | EA | 480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor | 1,176.04 | 33.00 |

**26 43 13 00-0025 250 kA, 500 Joule Transient Voltage Surge Suppression** *(26 43 13)*
Note: Liebert Interceptor Hybrid.

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0026 | EA | LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor | 6,921.41 | 54.99 |
| 26 43 13 00-0027 | EA | Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor | 8,465.81 | 54.99 |

**26 43 13 00-0028 Class 1310 Transient Voltage Surge Suppression** *(26 43 13)*
Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.

**26 43 13 00-0029 NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor** *(26 43 13 00-0028)*
Note: Square D. EMA series.

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0030 | EA | 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 5,505.40 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 43 13 00-0031 | EA | 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 6,065.99 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0032 | EA | 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 8,903.78 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0033 | EA | 320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 11,875.81 | 219.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0034 | EA | 480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 17,592.61 | 302.48 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0035 | EA | 120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 5,749.93 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0036 | EA | 160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 6,334.62 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0037 | EA | 240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 9,318.79 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0038 | EA | 320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 12,414.80 | 219.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0039 | EA | 480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 18,424.35 | 302.48 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0040 | EA | 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 5,749.93 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0041 | EA | 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 6,334.62 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0042 | EA | 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 9,318.74 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0043 | EA | 320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 12,414.80 | 219.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0044 | EA | 480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 18,424.35 | 302.48 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0045 | EA | 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 5,994.48 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0046 | EA | 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 6,606.70 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0047 | EA | 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 9,737.23 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0048 | EA | 320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 12,957.31 | 219.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0049 | EA | 480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 19,259.46 | 302.48 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0050 | EA | 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 6,278.61 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0051 | EA | 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 6,889.15 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0052 | EA | 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 10,174.62 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0053 | EA | 320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 13,525.57 | 219.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0054 | EA | 480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor | 18,952.03 | 302.48 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0056 | EA | 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 4,265.58 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0057 | EA | 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 5,160.26 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0058 | EA | 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 7,605.40 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 43 13 00-0059 | EA | 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 4,405.06 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0060 | EA | 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 5,366.90 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0061 | EA | 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 7,875.75 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0062 | EA | 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 4,405.06 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0063 | EA | 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 5,366.90 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0064 | EA | 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 7,875.75 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0065 | EA | 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 4,582.43 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0066 | EA | 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 5,589.04 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0067 | EA | 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 8,221.87 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0068 | EA | 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 4,768.42 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0069 | EA | 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 5,824.95 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0070 | EA | 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor | 8,585.20 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |

### 26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

| | | | | |
|---|---|---|---|---|
| 26 43 13 00-0072 | EA | 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 7,132.69 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0073 | EA | 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 7,693.28 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0074 | EA | 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 10,531.07 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0075 | EA | 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 7,377.23 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0076 | EA | 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 7,961.91 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0077 | EA | 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 10,946.09 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0078 | EA | 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 7,377.23 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0079 | EA | 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 7,961.91 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0080 | EA | 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 10,946.04 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0081 | EA | 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 7,621.78 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0082 | EA | 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 8,234.00 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0083 | EA | 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 11,364.53 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0084 | EA | 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 7,905.91 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0085 | EA | 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 8,516.45 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0086 | EA | 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor | 11,801.92 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 43 13 00-0087 | | NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)* | | |
| | | Note: Square D EBA series. Stainless steel. | | |
| 26 43 13 00-0088 | EA | 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 5,892.88 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0089 | EA | 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 6,787.55 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0090 | EA | 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 9,232.69 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0091 | EA | 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 6,032.36 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0092 | EA | 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 6,994.19 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0093 | EA | 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 9,503.04 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0094 | EA | 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 6,032.36 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0095 | EA | 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 6,994.19 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0096 | EA | 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 9,503.04 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0097 | EA | 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 6,209.73 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0098 | EA | 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 7,216.34 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0099 | EA | 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 9,849.16 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0100 | EA | 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 6,395.71 | 142.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0101 | EA | 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 7,452.24 | 164.99 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |
| 26 43 13 00-0102 | EA | 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor | 10,212.50 | 192.49 |
| | | *For Integral Disconnect, Add* | *438.87* | |
| | | *For Surge Counter, Add* | *335.40* | |

# 26 50 Lighting *(26)*

Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

## 26 51 Interior Lighting *(26 50)*

### 26 51 13 Incandescent Interior Lighting *(26 51)*

#### 26 51 13 00-0001 Recessed Fixtures *(26 51 13)*

Note: Housing and trim priced separately.

#### 26 51 13 00-0002 Incandescent, Recessed Fixture Housings *(26 51 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 51 13 00-0003 | EA | 4" Round, Incandescent, T Or ICT Recessed Fixture Housing | 65.74 | 31.46 |
| | | *For ICAT Housing, Add* | *2.38* | |
| 26 51 13 00-0004 | EA | 5" Round, Incandescent, T Or ICT Recessed Fixture Housing | 65.74 | 31.46 |
| | | *For ICAT Housing, Add* | *2.38* | |
| 26 51 13 00-0005 | EA | 6" Round, Incandescent, T Or ICT Recessed Fixture Housing | 69.54 | 33.00 |
| | | *For ICAT Housing, Add* | *2.59* | |
| 26 51 13 00-0006 | EA | 7" Round, Incandescent, T Or ICT Recessed Fixture Housing | 73.43 | 34.42 |
| | | *For ICAT Housing, Add* | *2.80* | |
| 26 51 13 00-0007 | EA | 8" Round, Incandescent, T Or ICT Recessed Fixture Housing | 77.33 | 35.86 |
| | | *For ICAT Housing, Add* | *3.02* | |
| 26 51 13 00-0008 | EA | 10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing | 79.65 | 38.05 |
| | | *For ICAT Housing, Add* | *2.90* | |

#### 26 51 13 00-0010 Recessed Fixture Trim *(26 51 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 51 13 00-0011 | EA | Circular, Recessed Fixture Trim | 45.92 | 15.40 |
| 26 51 13 00-0012 | EA | Circular Clear Lens, Recessed Fixture Trim | 50.11 | 15.40 |
| 26 51 13 00-0013 | EA | Open/Baffle, Recessed Fixture Trim | 57.35 | 15.40 |
| 26 51 13 00-0014 | EA | Specular Reflector, Recessed Fixture Trim | 61.19 | 15.40 |
| 26 51 13 00-0015 | EA | Eyeball, Recessed Fixture Trim | 50.17 | 15.40 |
| 26 51 13 00-0016 | EA | 10" To 12" Square, Clear Lens, Recessed Fixture Trim | 47.92 | 15.40 |
| 26 51 13 00-0017 | EA | 10" To 12" Square, Drop Dish, Recessed Fixture Trim | 50.50 | 15.40 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 13 00-0018 | | Track Lighting *(26 51 13)* | | |
| 26 51 13 00-0019 | | Track Lighting Tracks *(26 51 13 00-0018)* | | |
| 26 51 13 00-0020 | LF | 1 Circuit Track Lighting Track | 23.04 | 7.26 |
| 26 51 13 00-0021 | LF | 2 Circuit Track Lighting Track | 29.90 | 7.26 |
| 26 51 13 00-0022 | LF | 3 Circuit Track Lighting Track | 35.76 | 7.26 |
| 26 51 13 00-0023 | LF | 4 Circuit Track Lighting Track | 41.63 | 8.80 |
| 26 51 13 00-0024 | | Incandescent Track Lighting Fixtures *(26 51 13 00-0018)* | | |
| 26 51 13 00-0025 | EA | Incandescent Track Lighting Fixture, 120 Volt | 58.53 | 18.36 |
| 26 51 13 00-0026 | EA | Par 20 Track Fixture, White Or Black Finish, 120 Volt | 56.10 | 18.36 |
| 26 51 13 00-0027 | EA | Par 30 Track Fixture, White Or Black Finish, 120 Volt | 78.19 | 18.36 |
| 26 51 13 00-0028 | EA | Par 38 Track Fixture, White Or Black Finish, 120 Volt | 80.38 | 18.36 |
| 26 51 13 00-0029 | EA | PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt | 66.10 | 18.36 |
| 26 51 13 00-0030 | EA | PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt | 56.10 | 18.36 |
| 26 51 13 00-0031 | EA | PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt<br>Note: 120V. | 65.05 | 18.36 |
| 26 51 13 00-0032 | EA | PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt | 82.57 | 18.36 |
| 26 51 13 00-0034 | | Track Lighting Accessories *(26 51 13 00-0018)* | | |
| 26 51 13 00-0035 | | Pendant Mounting *(26 51 13 00-0034)* | | |
| 26 51 13 00-0036 | EA | Track Lighting Pendant Mounting, Up to 12" | 25.04 | |
| 26 51 13 00-0037 | EA | Track Lighting Pendant Mounting, >12" To 24" | 32.08 | |
| 26 51 13 00-0038 | EA | Track Lighting Pendant Mounting, >24" To 36" | 39.06 | |
| 26 51 13 00-0039 | | Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)* | | |
| 26 51 13 00-0040 | | Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0039)* | | |
| 26 51 13 00-0041 | EA | 100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 123.07 | 44.00 |
| | | *For Wall Mounted, Add* | *5.10* | |
| 26 51 13 00-0042 | EA | 200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 141.09 | 44.00 |
| | | *For Wall Mounted, Add* | *5.10* | |
| **26 51 16** | | **Fluorescent Interior Lighting** *(26 51)* | | |
| 26 51 16 00-0001 | | Fluorescent Fixtures *(26 51 16)* | | |
| 26 51 16 00-0002 | | Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)* | | |
| 26 51 16 00-0003 | | 6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)* | | |
| 26 51 16 00-0004 | EA | 1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture | 126.11 | 31.45 |
| 26 51 16 00-0005 | EA | 2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture | 141.25 | 31.45 |
| 26 51 16 00-0006 | | 6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)* | | |
| 26 51 16 00-0007 | EA | 1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture | 140.72 | 32.76 |
| 26 51 16 00-0008 | EA | 2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture | 157.06 | 32.76 |
| 26 51 16 00-0009 | | 1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)* | | |
| 26 51 16 00-0010 | EA | 2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture | 168.13 | 36.77 |
| 26 51 16 00-0011 | EA | 3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture | 197.03 | 36.77 |
| 26 51 16 00-0012 | EA | 4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture | 228.67 | 36.77 |
| 26 51 16 00-0013 | | 2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)* | | |
| 26 51 16 00-0014 | EA | 2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture | 143.03 | 40.19 |
| 26 51 16 00-0015 | EA | 3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture | 163.40 | 40.19 |
| 26 51 16 00-0016 | | 2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)* | | |
| 26 51 16 00-0017 | EA | 2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture | 214.05 | 46.82 |
| 26 51 16 00-0018 | EA | 3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture | 230.01 | 46.82 |
| 26 51 16 00-0019 | EA | 4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture | 258.88 | 46.82 |
| 26 51 16 00-0020 | | Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0001)*<br>Note: Includes prismatic lens. | | |
| 26 51 16 00-0021 | | 1' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)* | | |
| 26 51 16 00-0022 | EA | 2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture | 167.31 | 36.47 |
| 26 51 16 00-0023 | EA | 3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture | 259.78 | 36.47 |
| 26 51 16 00-0024 | EA | 4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture | 294.67 | 36.47 |
| 26 51 16 00-0025 | | 2' x 2', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 16 00-0026 | EA | 2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture | 250.94 | 40.19 |
| 26 51 16 00-0027 | EA | 3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture | 273.65 | 40.19 |
| 26 51 16 00-0028 | EA | 4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture | 290.54 | 40.19 |
| **26 51 16 00-0029** | | **2' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0020)* | | |
| 26 51 16 00-0030 | EA | 2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture | 257.48 | 46.82 |
| 26 51 16 00-0031 | EA | 3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture | 281.50 | 46.82 |
| 26 51 16 00-0032 | EA | 4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture | 295.50 | 46.82 |
| 26 51 16 00-0033 | EA | 6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture | 317.61 | 46.82 |
| **26 51 16 00-0034** | | **4' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0020)* | | |
| 26 51 16 00-0035 | EA | 4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture | 494.07 | 60.29 |
| 26 51 16 00-0036 | EA | 6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture | 504.99 | 60.29 |
| 26 51 16 00-0037 | EA | 8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture | 543.44 | 60.29 |
| **26 51 16 00-0038** | | **Recessed Fluorescent Fixtures** *(26 51 16 00-0001)* | | |
| **26 51 16 00-0039** | | **Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)* | | |
| **26 51 16 00-0040** | | **1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)* | | |
| 26 51 16 00-0041 | EA | 2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 169.47 | 31.45 |
| | | *For Drywall Or Plaster Ceilings, Add* | *21.25* | |
| **26 51 16 00-0042** | | **1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)* | | |
| 26 51 16 00-0043 | EA | 2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 213.52 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0044 | EA | 2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 365.66 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| **26 51 16 00-0045** | | **2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)* | | |
| 26 51 16 00-0046 | EA | 2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 218.20 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0047 | EA | 3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 245.81 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0048 | EA | 4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 250.81 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.14* | |
| 26 51 16 00-0049 | EA | 2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 270.55 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| **26 51 16 00-0050** | | **2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)* | | |
| 26 51 16 00-0051 | EA | 2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 217.71 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0052 | EA | 3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 286.07 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0053 | EA | 4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 291.53 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0054 | EA | 6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 324.22 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0055 | EA | 2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 285.22 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0056 | EA | 3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 375.73 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0057 | EA | 4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture | 389.60 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| **26 51 16 00-0058** | | **Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)* | | |
| **26 51 16 00-0059** | | **1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)* | | |
| 26 51 16 00-0060 | EA | 1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 188.67 | 31.45 |
| | | *For Drywall Or Plaster Ceilings, Add* | *21.25* | |
| 26 51 16 00-0061 | EA | 2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 193.66 | 31.45 |
| | | *For Drywall Or Plaster Ceilings, Add* | *21.25* | |
| 26 51 16 00-0062 | EA | 3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 222.83 | 31.45 |
| | | *For Drywall Or Plaster Ceilings, Add* | *21.25* | |
| **26 51 16 00-0063** | | **1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)* | | |
| 26 51 16 00-0064 | EA | 1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 213.59 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0065 | EA | 2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 219.05 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0066 | EA | 3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 244.38 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| **26 51 16 00-0067** | | **2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 16 00-0068 | EA | 2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 223.45 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.14* | |
| 26 51 16 00-0069 | EA | 3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 228.44 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.14* | |
| 26 51 16 00-0070 | EA | 4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 257.22 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.14* | |
| 26 51 16 00-0071 | | 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0058)* | | |
| 26 51 16 00-0072 | EA | 2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 217.71 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0073 | EA | 3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 248.67 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0074 | EA | 4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 278.22 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0075 | EA | 6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture | 313.33 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0076 | | Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0038)* | | |
| 26 51 16 00-0077 | | 1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)* | | |
| 26 51 16 00-0078 | EA | 1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture | 365.29 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0079 | EA | 2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture | 370.75 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0080 | EA | 1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture | 430.91 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0081 | EA | 2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture | 444.78 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0082 | | 2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)* | | |
| 26 51 16 00-0083 | EA | 2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture | 303.48 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0084 | EA | 3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture | 335.96 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0085 | EA | 2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture | 410.34 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0086 | | 2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)* | | |
| 26 51 16 00-0087 | EA | 2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture | 339.87 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0088 | EA | 3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture | 410.65 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0089 | EA | 1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture | 432.32 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0090 | EA | 2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture | 477.46 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0091 | | Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0038)* | | |
| 26 51 16 00-0092 | | 1' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)* | | |
| 26 51 16 00-0093 | EA | 2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture | 291.30 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0094 | EA | 2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture | 373.48 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0095 | | 2' x 2', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)* | | |
| 26 51 16 00-0096 | EA | 2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture | 293.04 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0097 | EA | 2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture | 329.79 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0098 | | 2' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)* | | |
| 26 51 16 00-0099 | EA | 2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture | 325.80 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0100 | EA | 2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture | 326.41 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0101 | | Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)* | | |
| 26 51 16 00-0102 | | 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)* | | |
| 26 51 16 00-0103 | EA | 2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 279.46 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 16 00-0104 | | 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)* | | |
| 26 51 16 00-0105 | EA | 2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 271.97 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0106 | | 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)* | | |
| 26 51 16 00-0107 | EA | 2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 324.33 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0108 | EA | 3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 536.91 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0109 | EA | 4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 370.23 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0110 | | Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)* | | |
| 26 51 16 00-0111 | | 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)* | | |
| 26 51 16 00-0112 | EA | 2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 268.30 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| 26 51 16 00-0113 | | 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)* | | |
| 26 51 16 00-0114 | EA | 2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 271.70 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| 26 51 16 00-0115 | | 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)* | | |
| 26 51 16 00-0116 | EA | 2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 330.60 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0117 | EA | 3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 338.23 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0118 | EA | 4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture | 348.31 | 46.82 |
| | | *For Drywall Or Plaster Ceilings, Add* | *31.65* | |
| 26 51 16 00-0119 | | Striplight Fluorescent Fixtures *(26 51 16 00-0001)* | | |
| 26 51 16 00-0120 | | 1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)* | | |
| 26 51 16 00-0121 | EA | 1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture | 131.13 | 30.14 |
| 26 51 16 00-0122 | EA | 2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture | 154.00 | 30.14 |
| 26 51 16 00-0123 | EA | 3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture | 155.13 | 33.46 |
| 26 51 16 00-0124 | EA | 4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture | 159.68 | 36.77 |
| 26 51 16 00-0125 | EA | 8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture | 193.54 | 43.56 |
| 26 51 16 00-0126 | | 2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)* | | |
| 26 51 16 00-0127 | EA | 2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture | 159.17 | 33.46 |
| 26 51 16 00-0128 | EA | 3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture | 166.09 | 36.77 |
| 26 51 16 00-0129 | EA | 4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture | 170.17 | 40.19 |
| 26 51 16 00-0130 | | 3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)* | | |
| 26 51 16 00-0131 | EA | 2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture | 216.17 | 33.46 |
| 26 51 16 00-0132 | EA | 3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture | 214.36 | 36.77 |
| 26 51 16 00-0133 | EA | 4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture | 217.97 | 40.19 |
| 26 51 16 00-0134 | | Display Case Fluorescent Fixtures *(26 51 16 00-0119)* | | |
| 26 51 16 00-0135 | EA | 1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W) | 104.83 | 33.00 |
| 26 51 16 00-0136 | EA | 1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W) | 127.14 | 33.00 |
| 26 51 16 00-0137 | EA | 1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W) | 137.47 | 38.49 |
| 26 51 16 00-0138 | EA | 1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W) | 139.97 | 38.49 |
| 26 51 16 00-0139 | | Industrial Fluorescent Fixtures *(26 51 16 00-0001)* | | |
| 26 51 16 00-0140 | | 1 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)* | | |
| 26 51 16 00-0141 | EA | 2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture | 174.57 | 30.14 |
| 26 51 16 00-0142 | EA | 4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture | 187.44 | 36.77 |
| 26 51 16 00-0143 | EA | 8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture | 319.31 | 46.82 |
| 26 51 16 00-0144 | | 2 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)* | | |
| 26 51 16 00-0145 | EA | 2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture | 184.57 | 33.46 |
| 26 51 16 00-0146 | EA | 4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture | 197.94 | 40.19 |


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|---|---|---|---|---|
| 26 51 16 00-0147 | EA | 8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture | 330.23 | 46.82 |
| **26 51 16 00-0148** | | **3 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0139)* | | |
| 26 51 16 00-0149 | EA | 2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture | 193.19 | 33.46 |
| 26 51 16 00-0150 | EA | 4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture | 206.12 | 40.19 |
| 26 51 16 00-0151 | EA | 8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture | 300.03 | 46.82 |
| **26 51 16 00-0152** | | **4 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0139)* | | |
| 26 51 16 00-0153 | EA | 4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture | 267.09 | 40.19 |
| 26 51 16 00-0154 | EA | 8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture | 383.52 | 46.82 |
| **26 51 16 00-0155** | | **Flanged Fluorescent Fixture** *(26 51 16 00-0001)*<br>Note: For plaster or drywall application. With electronic ballast. | | |
| 26 51 16 00-0156 | EA | 2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture | 264.41 | 60.29 |
| 26 51 16 00-0157 | EA | 3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture | 306.16 | 60.29 |
| 26 51 16 00-0158 | EA | 4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture | 311.62 | 60.29 |
| **26 51 16 00-0159** | | **Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0001)*<br>Note: Includes acrylic drop dish diffuser. | | |
| **26 51 16 00-0160** | | **2' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0159)* | | |
| 26 51 16 00-0161 | EA | 1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture | 162.62 | 30.14 |
| 26 51 16 00-0162 | EA | 2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture | 181.08 | 30.14 |
| **26 51 16 00-0163** | | **3' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0159)* | | |
| 26 51 16 00-0164 | EA | 1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture | 184.13 | 31.65 |
| 26 51 16 00-0165 | EA | 2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture | 202.18 | 31.65 |
| **26 51 16 00-0166** | | **4' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0159)* | | |
| 26 51 16 00-0167 | EA | 1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture | 182.06 | 33.16 |
| 26 51 16 00-0168 | EA | 2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture | 200.26 | 33.16 |
| **26 51 16 00-0169** | | **Wall Bracket, Fluorescent Fixtures** *(26 51 16 00-0001)* | | |
| **26 51 16 00-0170** | | **Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0169)*<br>Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast. | | |
| **26 51 16 00-0171** | | **2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0170)* | | |
| 26 51 16 00-0172 | EA | 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) | 225.83 | 50.59 |
| 26 51 16 00-0173 | EA | 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) | 230.07 | 50.59 |
| **26 51 16 00-0174** | | **3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0170)* | | |
| 26 51 16 00-0175 | EA | 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) | 296.16 | 50.59 |
| 26 51 16 00-0176 | EA | 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) | 302.09 | 50.59 |
| **26 51 16 00-0177** | | **4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0170)* | | |
| 26 51 16 00-0178 | EA | 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) | 307.20 | 50.59 |
| 26 51 16 00-0179 | EA | 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) | 311.45 | 50.59 |
| **26 51 16 00-0180** | | **Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0169)*<br>Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast. | | |
| **26 51 16 00-0181** | | **2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0180)* | | |
| 26 51 16 00-0182 | EA | 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) | 586.67 | 50.59 |
| 26 51 16 00-0183 | EA | 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) | 590.92 | 50.59 |
| **26 51 16 00-0184** | | **3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0180)* | | |
| 26 51 16 00-0185 | EA | 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) | 458.98 | 50.59 |
| 26 51 16 00-0186 | EA | 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) | 464.92 | 50.59 |
| **26 51 16 00-0187** | | **4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0180)* | | |
| 26 51 16 00-0188 | EA | 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) | 531.34 | 50.59 |
| 26 51 16 00-0189 | EA | 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) | 535.59 | 50.59 |
| **26 51 16 00-0190** | | **Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0169)*<br>Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast. | | |
| **26 51 16 00-0191** | | **2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0190)* | | |
| 26 51 16 00-0192 | EA | 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC) | 215.72 | 50.59 |
| 26 51 16 00-0193 | EA | 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC) | 219.96 | 50.59 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 16 00-0194 | | 3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0190)* | | |
| 26 51 16 00-0195 | EA | 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC) | 217.40 | 50.59 |
| 26 51 16 00-0196 | EA | 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC) | 223.34 | 50.59 |
| 26 51 16 00-0197 | | 4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0190)* | | |
| 26 51 16 00-0198 | EA | 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC) | 207.97 | 50.59 |
| 26 51 16 00-0199 | EA | 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC) | 212.22 | 50.59 |
| 26 51 16 00-0200 | | Low Occupancy, Industrial Fluorescent Fixtures *(26 51 16 00-0001)* | | |
| 26 51 16 00-0201 | EA | 1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP) | 265.88 | 36.77 |
| 26 51 16 00-0202 | EA | 2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP) | 270.91 | 40.19 |
| 26 51 16 00-0203 | | Ceiling Mounted Fluorescent Fixtures *(26 51 16)* | | |
| 26 51 16 00-0204 | | Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0203)* | | |
| 26 51 16 00-0205 | | Glass Globe, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0204)* | | |
| 26 51 16 00-0206 | EA | 6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture | 111.09 | 44.00 |
| 26 51 16 00-0207 | EA | 9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture | 126.51 | 44.00 |
| 26 51 16 00-0208 | | Ceiling Mounted, Circline Fluorescent Fixtures *(26 51 16 00-0203)* | | |
| 26 51 16 00-0209 | | Exposed Lamps, Circline Fluorescent Fixtures *(26 51 16 00-0208)* | | |
| 26 51 16 00-0210 | EA | 8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture | 100.98 | 44.00 |
| 26 51 16 00-0211 | EA | 12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture | 109.99 | 44.00 |
| 26 51 16 00-0212 | | Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures *(26 51 16 00-0208)* | | |
| 26 51 16 00-0213 | EA | 11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture | 131.53 | 44.00 |
| 26 51 16 00-0214 | EA | 14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture | 173.98 | 44.00 |
| 26 51 16 00-0215 | EA | 19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture | 203.39 | 44.00 |
| 26 51 16 00-0216 | EA | 12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture | 145.27 | 44.00 |
| 26 51 16 00-0217 | EA | 15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture | 174.84 | 44.00 |
| 26 51 16 00-0218 | EA | 19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture | 203.39 | 44.00 |
| 26 51 16 00-0219 | | Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0203)* | | |
| 26 51 16 00-0220 | | Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0219)* | | |
| 26 51 16 00-0221 | EA | 11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture | 136.44 | 44.00 |
| 26 51 16 00-0222 | EA | 14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture | 163.88 | 44.00 |
| 26 51 16 00-0223 | EA | 19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture | 190.30 | 44.00 |
| 26 51 16 00-0224 | EA | 12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture | 113.03 | 44.00 |
| 26 51 16 00-0225 | EA | 15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture | 129.22 | 44.00 |
| 26 51 16 00-0226 | EA | 19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture | 159.91 | 44.00 |
| 26 51 16 00-0227 | | Pendant Mounted, Compact Fluorescent/Incandescent Downlights *(26 51 16 00-0203)* | | |
| 26 51 16 00-0228 | | Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights *(26 51 16 00-0227)* | | |
| 26 51 16 00-0229 | EA | 6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight | 186.43 | 36.15 |
| 26 51 16 00-0230 | | Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle *(26 51 16 00-0227)* | | |
| 26 51 16 00-0231 | EA | 6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle | 209.90 | 36.15 |
| 26 51 16 00-0232 | EA | 8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle | 285.64 | 36.15 |
| 26 51 16 00-0233 | | Fluorescent, Recessed Fixture Housings *(26 51 16)* | | |
| 26 51 16 00-0234 | EA | 4" Round, Fluorescent, T Or ICT Recessed Fixture Housing | 95.04 | 31.46 |
| | | *For ICAT Housing, Add* | *6.16* | |
| 26 51 16 00-0235 | EA | 5" Round, Fluorescent, T Or ICT Recessed Fixture Housing | 97.64 | 31.46 |
| | | *For ICAT Housing, Add* | *6.49* | |
| 26 51 16 00-0236 | EA | 6" Round, Fluorescent, T Or ICT Recessed Fixture Housing | 101.81 | 32.89 |
| | | *For ICAT Housing, Add* | *6.75* | |
| 26 51 16 00-0237 | EA | 7" Round, Fluorescent, T Or ICT Recessed Fixture Housing | 106.87 | 34.09 |
| | | *For ICAT Housing, Add* | *7.12* | |
| 26 51 16 00-0238 | EA | 8" Round, Fluorescent, T Or ICT Recessed Fixture Housing | 111.40 | 35.86 |
| | | *For ICAT Housing, Add* | *7.42* | |
| 26 51 16 00-0239 | EA | 10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing | 115.88 | 38.05 |
| | | *For ICAT Housing, Add* | *7.57* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 51 16 00-0240** | | **Compact Fluorescent, Recessed Fixture Housings** *(26 51 16)* | | |
| 26 51 16 00-0241 | EA | 4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing | 106.22 | 31.46 |
| | | *For ICAT Housing, Add* | *7.60* | |
| 26 51 16 00-0242 | EA | 5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing | 108.78 | 31.46 |
| | | *For ICAT Housing, Add* | *7.93* | |
| 26 51 16 00-0243 | EA | 6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing | 113.04 | 33.00 |
| | | *For ICAT Housing, Add* | *8.20* | |
| 26 51 16 00-0244 | EA | 7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing | 116.63 | 34.42 |
| | | *For ICAT Housing, Add* | *8.38* | |
| 26 51 16 00-0245 | EA | 8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing | 120.63 | 35.86 |
| | | *For ICAT Housing, Add* | *8.61* | |
| 26 51 16 00-0246 | EA | 10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing | 124.92 | 38.05 |
| | | *For ICAT Housing, Add* | *8.74* | |
| **26 51 16 00-0247** | | **Fluorescent Track Lighting Fixtures** *(26 51 16)* | | |
| 26 51 16 00-0248 | EA | 2L 18W BX Track Fixture, Electronic Ballast<br>Note: White or Black Finish, 120V. | 275.39 | 18.36 |
| 26 51 16 00-0249 | EA | 2L 39W BX Track Fixture, Electronic Ballast<br>Note: White or Black Finish, 120V. | 284.15 | 18.36 |
| 26 51 16 00-0250 | EA | 2L 40W BX Track Fixture, Electronic Ballast<br>Note: White or Black Finish, 120V. | 289.62 | 18.36 |
| 26 51 16 00-0251 | EA | 2L 50W BX Track Fixture, Electronic Ballast<br>Note: White or Black Finish, 120V. | 191.76 | 18.36 |
| 26 51 16 00-0252 | EA | 2L, 55 Watt BX Track Fixture, Electronic Ballast<br>Note: White or Black Finish, 120V. | 312.33 | 18.36 |
| **26 51 16 00-0253** | | **Compact Fluorescent Track Lighting Fixtures** *(26 51 16)* | | |
| 26 51 16 00-0254 | EA | Compact Fluorescent Track Lighting Fixture | 66.96 | 18.36 |
| **26 51 16 00-0255** | | **Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 16)* | | |
| 26 51 16 00-0256 | EA | 13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 132.37 | 44.00 |
| | | *For Wall Mounted, Add* | *6.02* | |
| 26 51 16 00-0257 | EA | 22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 135.91 | 44.00 |
| | | *For Wall Mounted, Add* | *6.02* | |
| 26 51 16 00-0258 | EA | 28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 144.67 | 44.00 |
| | | *For Wall Mounted, Add* | *6.02* | |
| **26 51 16 00-0259** | | **Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16)* | | |
| **26 51 16 00-0260** | | **4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0259)* | | |
| **26 51 16 00-0261** | | **4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW)** *(26 51 16 00-0260)*<br>Note: Includes high impact acrylic molded lens. | | |
| 26 51 16 00-0262 | EA | 1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) | 212.36 | 46.82 |
| | | *For T5 Fixture Instead Of T8, Add* | *16.26* | |
| 26 51 16 00-0263 | EA | 2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) | 222.24 | 46.82 |
| | | *For T5 Fixture Instead Of T8, Add* | *17.39* | |
| 26 51 16 00-0264 | EA | 3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) | 329.84 | 46.82 |
| | | *For T5 Fixture Instead Of T8, Add* | *29.71* | |
| 26 51 16 00-0265 | EA | 1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) | 292.11 | 46.82 |
| 26 51 16 00-0266 | EA | 2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) | 453.20 | 46.82 |
| **26 51 16 00-0267** | | **4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W)** *(26 51 16 00-0260)*<br>Note: Includes high impact acrylic molded lens. | | |
| 26 51 16 00-0268 | EA | 1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W) | 321.34 | 46.82 |
| 26 51 16 00-0269 | EA | 2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W) | 325.18 | 46.82 |
| 26 51 16 00-0270 | EA | 3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W) | 474.26 | 46.82 |
| 26 51 16 00-0271 | EA | 1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W) | 392.49 | 46.82 |
| 26 51 16 00-0272 | EA | 2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W) | 410.33 | 46.82 |
| **26 51 16 00-0273** | | **8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0259)*<br>Note: Includes high impact acrylic molded lens. | | |
| **26 51 16 00-0274** | | **8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW)** *(26 51 16 00-0273)*<br>Note: Includes high impact acrylic molded lens. | | |
| 26 51 16 00-0275 | EA | 2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW) | 381.20 | 63.61 |
| | | *For T5 Fixture Instead Of T8, Add* | *32.72* | |
| 26 51 16 00-0276 | EA | 4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW) | 397.29 | 63.61 |
| | | *For T5 Fixture Instead Of T8, Add* | *34.56* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 16 00-0277 | | High Bay Fluorescent Fixtures *(26 51 16)* | | |
| 26 51 16 00-0278 | | (T8) Fluorescent, High Bay Fixtures *(26 51 16 00-0277)* | | |
| 26 51 16 00-0279 | | (T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0278)* | | |
| | | Note: For 8' fixture, use two (2) 4' fixtures. | | |
| 26 51 16 00-0280 | EA | 2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 448.37 | 102.49 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0281 | EA | 3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 469.38 | 113.55 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0282 | EA | 4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 531.77 | 129.62 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0283 | EA | 6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 637.69 | 136.56 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0284 | EA | 8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 693.40 | 142.89 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0285 | EA | 4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) | 407.11 | 129.62 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0286 | EA | 6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) | 428.08 | 136.56 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0287 | EA | 8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) | 490.37 | 142.89 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0288 | | (T5HO) Fluorescent, High Bay Fixtures *(26 51 16 00-0277)* | | |
| 26 51 16 00-0289 | | (T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0288)* | | |
| | | Note: For 8' fixture, use two (2) 4' fixtures. | | |
| 26 51 16 00-0290 | EA | 2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 452.55 | 102.49 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0291 | EA | 3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 473.24 | 113.55 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0292 | EA | 4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 538.58 | 129.62 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0293 | EA | 6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB) | 652.34 | 136.56 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0294 | EA | 4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) | 428.63 | 129.62 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0295 | EA | 6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) | 471.86 | 136.56 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| 26 51 16 00-0296 | EA | 8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) | 551.28 | 142.89 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Acrylic Lens, Add* | *54.00* | |
| **26 51 19** | | **LED Interior Lighting** *(26 51)* | | |
| 26 51 19 00-0001 | | LED Fixtures *(26 51 19)* | | |
| 26 51 19 00-0002 | | Undercabinet LED Fixtures *(26 51 19 00-0001)* | | |
| 26 51 19 00-0003 | EA | 12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6) | 147.58 | 27.13 |
| | | *For >50 To 100, Deduct* | *-4.82* | |
| | | *For >100 To 250, Deduct* | *-8.51* | |
| | | *For >250 To 500, Deduct* | *-14.76* | |
| | | *For >500, Deduct* | *-21.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0004 | EA | 18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6) | 185.25 | 33.16 |
| | | *For >50 To 100, Deduct* | *-6.01* | |
| | | *For >100 To 250, Deduct* | *-10.64* | |
| | | *For >250 To 500, Deduct* | *-18.53* | |
| | | *For >500, Deduct* | *-26.41* | |
| 26 51 19 00-0005 | EA | 24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6) | 196.58 | 33.16 |
| | | *For >50 To 100, Deduct* | *-6.30* | |
| | | *For >100 To 250, Deduct* | *-11.21* | |
| | | *For >250 To 500, Deduct* | *-19.66* | |
| | | *For >500, Deduct* | *-28.11* | |
| 26 51 19 00-0006 | EA | 24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30) | 143.96 | 27.13 |
| | | *For >50 To 100, Deduct* | *-4.73* | |
| | | *For >100 To 250, Deduct* | *-8.33* | |
| | | *For >250 To 500, Deduct* | *-14.40* | |
| | | *For >500, Deduct* | *-20.46* | |
| 26 51 19 00-0007 | | Surface Mount Linear/Striplight LED Fixtures *(26 51 19 00-0001)* | | |
| 26 51 19 00-0008 | | Striplight LED Fixtures (Lithonia ZL) *(26 51 19 00-0007)* | | |
| 26 51 19 00-0009 | EA | 3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1) | 193.87 | 30.14 |
| | | *For >50 To 100, Deduct* | *-5.98* | |
| | | *For >100 To 250, Deduct* | *-10.82* | |
| | | *For >250 To 500, Deduct* | *-19.39* | |
| | | *For >500, Deduct* | *-27.95* | |
| 26 51 19 00-0010 | EA | 2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1) | 203.91 | 36.77 |
| | | *For >50 To 100, Deduct* | *-6.48* | |
| | | *For >100 To 250, Deduct* | *-11.58* | |
| | | *For >250 To 500, Deduct* | *-20.39* | |
| | | *For >500, Deduct* | *-29.21* | |
| 26 51 19 00-0011 | EA | 1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2) | 220.35 | 30.14 |
| | | *For >50 To 100, Deduct* | *-6.64* | |
| | | *For >100 To 250, Deduct* | *-12.15* | |
| | | *For >250 To 500, Deduct* | *-22.04* | |
| | | *For >500, Deduct* | *-31.92* | |
| 26 51 19 00-0012 | EA | 2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2) | 230.39 | 36.77 |
| | | *For >50 To 100, Deduct* | *-7.14* | |
| | | *For >100 To 250, Deduct* | *-12.90* | |
| | | *For >250 To 500, Deduct* | *-23.04* | |
| | | *For >500, Deduct* | *-33.18* | |
| 26 51 19 00-0013 | EA | 4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2) | 287.72 | 36.77 |
| | | *For >50 To 100, Deduct* | *-8.57* | |
| | | *For >100 To 250, Deduct* | *-15.77* | |
| | | *For >250 To 500, Deduct* | *-28.77* | |
| | | *For >500, Deduct* | *-41.78* | |
| 26 51 19 00-0014 | | Striplight LED Fixtures (Mobern) *(26 51 19 00-0007)* | | |
| 26 51 19 00-0015 | EA | 1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30) | 193.82 | 30.14 |
| | | *For >50 To 100, Deduct* | *-5.98* | |
| | | *For >100 To 250, Deduct* | *-10.82* | |
| | | *For >250 To 500, Deduct* | *-19.38* | |
| | | *For >500, Deduct* | *-27.94* | |
| 26 51 19 00-0016 | | Striplight LED Fixtures (Eaton) *(26 51 19 00-0007)* | | |
| 26 51 19 00-0017 | EA | 2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U) | 246.43 | 36.77 |
| | | *For >50 To 100, Deduct* | *-7.54* | |
| | | *For >100 To 250, Deduct* | *-13.70* | |
| | | *For >250 To 500, Deduct* | *-24.64* | |
| | | *For >500, Deduct* | *-35.58* | |
| 26 51 19 00-0018 | EA | 2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U) | 232.48 | 36.77 |
| | | *For >50 To 100, Deduct* | *-7.19* | |
| | | *For >100 To 250, Deduct* | *-13.01* | |
| | | *For >250 To 500, Deduct* | *-23.25* | |
| | | *For >500, Deduct* | *-33.49* | |
| 26 51 19 00-0019 | EA | 2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U) | 246.43 | 36.77 |
| | | *For >50 To 100, Deduct* | *-7.54* | |
| | | *For >100 To 250, Deduct* | *-13.70* | |
| | | *For >250 To 500, Deduct* | *-24.64* | |
| | | *For >500, Deduct* | *-35.58* | |
| 26 51 19 00-0020 | | Lay-In/Troffer LED Fixtures *(26 51 19 00-0001)* | | |
| 26 51 19 00-0021 | | Prismatic Lensed, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)* | | |
| 26 51 19 00-0022 | | Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0021)* | | |
| 26 51 19 00-0023 | EA | 1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4) | 519.88 | 36.47 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *39.81* | |
| | | *For >50 To 100, Deduct* | *-14.38* | |
| | | *For >100 To 250, Deduct* | *-27.38* | |
| | | *For >250 To 500, Deduct* | *-51.99* | |
| | | *For >500, Deduct* | *-76.60* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0024 | EA | 2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2) | 303.69 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| | | *For >50 To 100, Deduct* | *-9.10* | |
| | | *For >100 To 250, Deduct* | *-16.69* | |
| | | *For >250 To 500, Deduct* | *-30.37* | |
| | | *For >500, Deduct* | *-44.05* | |
| 26 51 19 00-0025 | EA | 2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4) | 524.96 | 46.82 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *43.83* | |
| | | *For >50 To 100, Deduct* | *-14.88* | |
| | | *For >100 To 250, Deduct* | *-28.01* | |
| | | *For >250 To 500, Deduct* | *-52.50* | |
| | | *For >500, Deduct* | *-76.99* | |

## 26 51 19 00-0026 Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) *(26 51 19 00-0021)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0027 | EA | 1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4) | 748.43 | 36.47 |
| | | *For >50 To 100, Deduct* | *-20.09* | |
| | | *For >100 To 250, Deduct* | *-38.80* | |
| | | *For >250 To 500, Deduct* | *-74.84* | |
| | | *For >500, Deduct* | *-110.88* | |
| 26 51 19 00-0028 | EA | 2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5) | 526.53 | 40.19 |
| | | *For >50 To 100, Deduct* | *-14.67* | |
| | | *For >100 To 250, Deduct* | *-27.83* | |
| | | *For >250 To 500, Deduct* | *-52.65* | |
| | | *For >500, Deduct* | *-77.47* | |
| 26 51 19 00-0029 | EA | 2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4) | 685.90 | 46.82 |
| | | *For >50 To 100, Deduct* | *-18.91* | |
| | | *For >100 To 250, Deduct* | *-36.05* | |
| | | *For >250 To 500, Deduct* | *-68.59* | |
| | | *For >500, Deduct* | *-101.13* | |

## 26 51 19 00-0030 Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) *(26 51 19 00-0021)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0031 | EA | 2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E) | 347.22 | 40.19 |
| | | *For >50 To 100, Deduct* | *-10.19* | |
| | | *For >100 To 250, Deduct* | *-18.87* | |
| | | *For >250 To 500, Deduct* | *-34.72* | |
| | | *For >500, Deduct* | *-50.58* | |
| 26 51 19 00-0032 | EA | 3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E) | 384.24 | 40.19 |
| | | *For >50 To 100, Deduct* | *-11.11* | |
| | | *For >100 To 250, Deduct* | *-20.72* | |
| | | *For >250 To 500, Deduct* | *-38.42* | |
| | | *For >500, Deduct* | *-56.13* | |
| 26 51 19 00-0033 | EA | 3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40) | 326.86 | 40.19 |
| | | *For >50 To 100, Deduct* | *-9.68* | |
| | | *For >100 To 250, Deduct* | *-17.85* | |
| | | *For >250 To 500, Deduct* | *-32.69* | |
| | | *For >500, Deduct* | *-47.52* | |
| 26 51 19 00-0034 | EA | 4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45) | 326.86 | 40.19 |
| | | *For >50 To 100, Deduct* | *-9.68* | |
| | | *For >100 To 250, Deduct* | *-17.85* | |
| | | *For >250 To 500, Deduct* | *-32.69* | |
| | | *For >500, Deduct* | *-47.52* | |
| 26 51 19 00-0035 | EA | 4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50) | 350.92 | 40.19 |
| | | *For >50 To 100, Deduct* | *-10.28* | |
| | | *For >100 To 250, Deduct* | *-19.05* | |
| | | *For >250 To 500, Deduct* | *-35.09* | |
| | | *For >500, Deduct* | *-51.13* | |

## 26 51 19 00-0036 Volumetric, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

## 26 51 19 00-0037 Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0036)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0038 | EA | 1' x 4', 2,500 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4) | 277.50 | 36.47 |
| | | *For Drywall Or Plaster Ceilings, Add* | *24.87* | |
| | | *For >50 To 100, Deduct* | *-8.32* | |
| | | *For >100 To 250, Deduct* | *-15.26* | |
| | | *For >250 To 500, Deduct* | *-27.75* | |
| | | *For >500, Deduct* | *-40.24* | |
| 26 51 19 00-0039 | EA | 2' x 2', 2,400 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2) | 249.67 | 40.19 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *27.56* | |
| | | *For >50 To 100, Deduct* | *-7.75* | |
| | | *For >100 To 250, Deduct* | *-13.99* | |
| | | *For >250 To 500, Deduct* | *-24.97* | |
| | | *For >500, Deduct* | *-35.94* | |
| 26 51 19 00-0040 | EA | 2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2) | 373.96 | 40.19 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *33.77* | |
| | | *For >50 To 100, Deduct* | *-10.86* | |
| | | *For >100 To 250, Deduct* | *-20.21* | |
| | | *For >250 To 500, Deduct* | *-37.40* | |
| | | *For >500, Deduct* | *-54.59* | |
| 26 51 19 00-0041 | EA | 2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2) | 253.86 | 40.19 |
| | | *For >50 To 100, Deduct* | *-7.85* | |
| | | *For >100 To 250, Deduct* | *-14.20* | |
| | | *For >250 To 500, Deduct* | *-25.39* | |
| | | *For >500, Deduct* | *-36.57* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0042 | EA | 2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4) | 278.24 | 46.82 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *31.50* | |
| | | *For >50 To 100, Deduct* | *-8.71* | |
| | | *For >100 To 250, Deduct* | *-15.67* | |
| | | *For >250 To 500, Deduct* | *-27.82* | |
| | | *For >500, Deduct* | *-39.98* | |
| 26 51 19 00-0043 | EA | 2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4) | 292.58 | 46.82 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *32.21* | |
| | | *For >50 To 100, Deduct* | *-9.07* | |
| | | *For >100 To 250, Deduct* | *-16.39* | |
| | | *For >250 To 500, Deduct* | *-29.26* | |
| | | *For >500, Deduct* | *-42.13* | |
| 26 51 19 00-0044 | EA | 2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4) | 450.74 | 46.82 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *40.12* | |
| | | *For >50 To 100, Deduct* | *-13.03* | |
| | | *For >100 To 250, Deduct* | *-24.30* | |
| | | *For >250 To 500, Deduct* | *-45.07* | |
| | | *For >500, Deduct* | *-65.85* | |

### 26 51 19 00-0045 Architectural, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

### 26 51 19 00-0046 Architectural, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0045)*

Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0047 | EA | 2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4) | 343.46 | 46.82 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *34.76* | |
| | | *For >50 To 100, Deduct* | *-10.35* | |
| | | *For >100 To 250, Deduct* | *-18.93* | |
| | | *For >250 To 500, Deduct* | *-34.35* | |
| | | *For >500, Deduct* | *-49.76* | |
| 26 51 19 00-0048 | EA | 4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4) | 401.97 | 46.82 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *37.68* | |
| | | *For >50 To 100, Deduct* | *-11.81* | |
| | | *For >100 To 250, Deduct* | *-21.86* | |
| | | *For >250 To 500, Deduct* | *-40.20* | |
| | | *For >500, Deduct* | *-58.54* | |
| 26 51 19 00-0049 | EA | 6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4) | 454.62 | 46.82 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *40.32* | |
| | | *For >50 To 100, Deduct* | *-13.12* | |
| | | *For >100 To 250, Deduct* | *-24.49* | |
| | | *For >250 To 500, Deduct* | *-45.46* | |
| | | *For >500, Deduct* | *-66.43* | |

### 26 51 19 00-0050 Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) *(26 51 19 00-0045)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0051 | EA | 1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) | 385.15 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *124.44* | |
| | | *For Surface Mount, Add* | *204.83* | |
| | | *For >50 To 100, Deduct* | *-11.39* | |
| | | *For >100 To 250, Deduct* | *-21.02* | |
| | | *For >250 To 500, Deduct* | *-38.52* | |
| | | *For >500, Deduct* | *-56.01* | |
| 26 51 19 00-0052 | EA | 1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) | 415.05 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *124.44* | |
| | | *For Surface Mount, Add* | *204.83* | |
| | | *For >50 To 100, Deduct* | *-12.13* | |
| | | *For >100 To 250, Deduct* | *-22.51* | |
| | | *For >250 To 500, Deduct* | *-41.51* | |
| | | *For >500, Deduct* | *-60.50* | |
| 26 51 19 00-0053 | EA | 1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) | 415.05 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *124.44* | |
| | | *For Surface Mount, Add* | *204.83* | |
| | | *For >50 To 100, Deduct* | *-12.13* | |
| | | *For >100 To 250, Deduct* | *-22.51* | |
| | | *For >250 To 500, Deduct* | *-41.51* | |
| | | *For >500, Deduct* | *-60.50* | |
| 26 51 19 00-0054 | EA | 1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) | 459.18 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *124.44* | |
| | | *For Surface Mount, Add* | *204.83* | |
| | | *For >50 To 100, Deduct* | *-13.24* | |
| | | *For >100 To 250, Deduct* | *-24.72* | |
| | | *For >250 To 500, Deduct* | *-45.92* | |
| | | *For >500, Deduct* | *-67.12* | |
| 26 51 19 00-0055 | EA | 2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) | 358.19 | 40.19 |
| | | Note: CCT 30K to 50K | | |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *108.69* | |
| | | *For Surface Mount, Add* | *192.86* | |
| | | *For >50 To 100, Deduct* | *-10.46* | |
| | | *For >100 To 250, Deduct* | *-19.42* | |
| | | *For >250 To 500, Deduct* | *-35.82* | |
| | | *For >500, Deduct* | *-52.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0056 | EA | 2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™)<br>Note: CCT 30K to 50K | 338.09 | 40.19 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *108.69* | |
| | | *For Surface Mount, Add* | *192.86* | |
| | | *For >50 To 100, Deduct* | *-9.96* | |
| | | *For >100 To 250, Deduct* | *-18.41* | |
| | | *For >250 To 500, Deduct* | *-33.81* | |
| | | *For >500, Deduct* | *-49.21* | |
| 26 51 19 00-0057 | EA | 2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)<br>Note: CCT 30K to 50K | 401.74 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *127.28* | |
| | | *For Surface Mount, Add* | *223.34* | |
| | | *For >50 To 100, Deduct* | *-11.80* | |
| | | *For >100 To 250, Deduct* | *-21.85* | |
| | | *For >250 To 500, Deduct* | *-40.17* | |
| | | *For >500, Deduct* | *-58.50* | |
| 26 51 19 00-0058 | EA | 2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)<br>Note: CCT 30K to 50K | 415.05 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *127.28* | |
| | | *For Surface Mount, Add* | *223.34* | |
| | | *For >50 To 100, Deduct* | *-12.13* | |
| | | *For >100 To 250, Deduct* | *-22.51* | |
| | | *For >250 To 500, Deduct* | *-41.51* | |
| | | *For >500, Deduct* | *-60.50* | |
| 26 51 19 00-0059 | EA | 2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)<br>Note: CCT 30K to 50K | 415.05 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *127.28* | |
| | | *For Surface Mount, Add* | *223.34* | |
| | | *For >50 To 100, Deduct* | *-12.13* | |
| | | *For >100 To 250, Deduct* | *-22.51* | |
| | | *For >250 To 500, Deduct* | *-41.51* | |
| | | *For >500, Deduct* | *-60.50* | |
| 26 51 19 00-0060 | EA | 2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™)<br>Note: CCT 30K to 50K | 527.51 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *127.28* | |
| | | *For Surface Mount, Add* | *223.34* | |
| | | *For >50 To 100, Deduct* | *-14.95* | |
| | | *For >100 To 250, Deduct* | *-28.13* | |
| | | *For >250 To 500, Deduct* | *-52.75* | |
| | | *For >500, Deduct* | *-77.37* | |
| 26 51 19 00-0061 | EA | 2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™)<br>Note: CCT 30K to 50K | 459.18 | 46.82 |
| | | *For Expanded Size Junction Box For Through Wiring, Add* | *3.99* | |
| | | *For Drywall Or Plaster Ceilings, Add* | *127.28* | |
| | | *For Surface Mount, Add* | *223.34* | |
| | | *For >50 To 100, Deduct* | *-13.24* | |
| | | *For >100 To 250, Deduct* | *-24.72* | |
| | | *For >250 To 500, Deduct* | *-45.92* | |
| | | *For >500, Deduct* | *-67.12* | |

### 26 51 19 00-0062 Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 19 00-0045)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0063 | EA | 2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC) | 247.73 | 40.19 |
| | | *For >50 To 100, Deduct* | *-7.70* | |
| | | *For >100 To 250, Deduct* | *-13.89* | |
| | | *For >250 To 500, Deduct* | *-24.77* | |
| | | *For >500, Deduct* | *-35.65* | |
| 26 51 19 00-0064 | EA | 2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC) | 328.51 | 46.82 |
| | | *For >50 To 100, Deduct* | *-9.97* | |
| | | *For >100 To 250, Deduct* | *-18.18* | |
| | | *For >250 To 500, Deduct* | *-32.85* | |
| | | *For >500, Deduct* | *-47.52* | |

### 26 51 19 00-0065 Architectural, Lay-In/Troffer LED Fixtures (Finelite) *(26 51 19 00-0045)*

Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0066 | EA | 2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2) | 348.00 | 40.19 |
| | | *For >50 To 100, Deduct* | *-10.21* | |
| | | *For >100 To 250, Deduct* | *-18.91* | |
| | | *For >250 To 500, Deduct* | *-34.80* | |
| | | *For >500, Deduct* | *-50.69* | |
| 26 51 19 00-0067 | EA | 2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2) | 471.76 | 47.23 |
| | | *For >50 To 100, Deduct* | *-13.55* | |
| | | *For >100 To 250, Deduct* | *-25.35* | |
| | | *For >250 To 500, Deduct* | *-47.18* | |
| | | *For >500, Deduct* | *-69.01* | |

### 26 51 19 00-0068 Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 51 19 00-0069** | | **Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL)** *(26 51 19 00-0068)* | | |
| 26 51 19 00-0070 | EA | 2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2) | 551.76 | 40.19 |
| | | *For Drywall Or Plaster Ceilings, Add* | *27.13* | |
| | | *For >50 To 100, Deduct* | *-15.30* | |
| | | *For >100 To 250, Deduct* | *-29.10* | |
| | | *For >250 To 500, Deduct* | *-55.18* | |
| | | *For >500, Deduct* | *-81.26* | |
| 26 51 19 00-0071 | EA | 2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4) | 752.71 | 46.82 |
| | | *For Drywall Or Plaster Ceilings With Frame Kit, Add* | *55.22* | |
| | | *For >50 To 100, Deduct* | *-20.58* | |
| | | *For >100 To 250, Deduct* | *-39.39* | |
| | | *For >250 To 500, Deduct* | *-75.27* | |
| | | *For >500, Deduct* | *-111.15* | |
| **26 51 19 00-0072** | | **Panel Type, Lay-In/Troffer LED Fixtures** *(26 51 19 00-0020)* | | |
| **26 51 19 00-0073** | | **Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy)** *(26 51 19 00-0072)* | | |
| 26 51 19 00-0074 | EA | 1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34) | 376.89 | 46.82 |
| | | *For >50 To 100, Deduct* | *-11.18* | |
| | | *For >100 To 250, Deduct* | *-20.60* | |
| | | *For >250 To 500, Deduct* | *-37.69* | |
| | | *For >500, Deduct* | *-54.78* | |
| 26 51 19 00-0075 | EA | 2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34) | 391.57 | 46.82 |
| | | *For >50 To 100, Deduct* | *-11.55* | |
| | | *For >100 To 250, Deduct* | *-21.34* | |
| | | *For >250 To 500, Deduct* | *-39.16* | |
| | | *For >500, Deduct* | *-56.98* | |
| 26 51 19 00-0076 | EA | 2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40) | 488.86 | 46.82 |
| | | *For >50 To 100, Deduct* | *-13.98* | |
| | | *For >100 To 250, Deduct* | *-26.20* | |
| | | *For >250 To 500, Deduct* | *-48.89* | |
| | | *For >500, Deduct* | *-71.57* | |
| 26 51 19 00-0077 | EA | 2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52) | 488.86 | 46.82 |
| | | *For >50 To 100, Deduct* | *-13.98* | |
| | | *For >100 To 250, Deduct* | *-26.20* | |
| | | *For >250 To 500, Deduct* | *-48.89* | |
| | | *For >500, Deduct* | *-71.57* | |
| **26 51 19 00-0078** | | **Panel Type, Lay-In/Troffer LED Fixtures (Sylvania)** *(26 51 19 00-0072)* | | |
| 26 51 19 00-0079 | EA | 1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH) | 199.49 | 46.82 |
| | | *For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add* | *48.25* | |
| | | *For >50 To 100, Deduct* | *-6.75* | |
| | | *For >100 To 250, Deduct* | *-11.73* | |
| | | *For >250 To 500, Deduct* | *-19.95* | |
| | | *For >500, Deduct* | *-28.17* | |
| 26 51 19 00-0080 | EA | 2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH) | 205.78 | 46.82 |
| | | *For >50 To 100, Deduct* | *-6.90* | |
| | | *For >100 To 250, Deduct* | *-12.05* | |
| | | *For >250 To 500, Deduct* | *-20.58* | |
| | | *For >500, Deduct* | *-29.11* | |
| 26 51 19 00-0081 | EA | 2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH) | 208.66 | 46.82 |
| | | *For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)* | *60.31* | |
| | | *For >50 To 100, Deduct* | *-6.98* | |
| | | *For >100 To 250, Deduct* | *-12.19* | |
| | | *For >250 To 500, Deduct* | *-20.87* | |
| | | *For >500, Deduct* | *-29.54* | |
| 26 51 19 00-0082 | EA | 2' x 4', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH) | 480.45 | 46.82 |
| | | *For >50 To 100, Deduct* | *-13.77* | |
| | | *For >100 To 250, Deduct* | *-25.78* | |
| | | *For >250 To 500, Deduct* | *-48.05* | |
| | | *For >500, Deduct* | *-70.31* | |
| **26 51 19 00-0083** | | **Surface Mount LED Fixtures** *(26 51 19 00-0001)* | | |
| **26 51 19 00-0084** | | **Surface Mount, Volumetric LED Fixtures (Lithonia STL)** *(26 51 19 00-0083)* | | |
| 26 51 19 00-0085 | EA | 2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2) | 300.79 | 30.14 |
| | | *For >50 To 100, Deduct* | *-8.65* | |
| | | *For >100 To 250, Deduct* | *-16.17* | |
| | | *For >250 To 500, Deduct* | *-30.08* | |
| | | *For >500, Deduct* | *-43.99* | |
| 26 51 19 00-0086 | EA | 4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4) | 306.57 | 36.77 |
| | | *For >50 To 100, Deduct* | *-9.05* | |
| | | *For >100 To 250, Deduct* | *-16.71* | |
| | | *For >250 To 500, Deduct* | *-30.66* | |
| | | *For >500, Deduct* | *-44.60* | |
| 26 51 19 00-0087 | EA | 4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4) | 304.68 | 36.77 |
| | | *For >50 To 100, Deduct* | *-9.00* | |
| | | *For >100 To 250, Deduct* | *-16.62* | |
| | | *For >250 To 500, Deduct* | *-30.47* | |
| | | *For >500, Deduct* | *-44.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 51 19 00-0088** | | **Surface Mount, Wraparound LED Fixtures (Lithonia LBL)** *(26 51 19 00-0083)* | | |
| 26 51 19 00-0089 | EA | 2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2) | 239.40 | 30.14 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-13.10* | |
| | | *For >250 To 500, Deduct* | *-23.94* | |
| | | *For >500, Deduct* | *-34.78* | |
| 26 51 19 00-0090 | EA | 4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4) | 314.27 | 36.77 |
| | | *For >50 To 100, Deduct* | *-9.24* | |
| | | *For >100 To 250, Deduct* | *-17.10* | |
| | | *For >250 To 500, Deduct* | *-31.43* | |
| | | *For >500, Deduct* | *-45.76* | |
| **26 51 19 00-0091** | | **Surface Mount, Shadow Box Style LED Fixtures** *(26 51 19 00-0083)* | | |
| **26 51 19 00-0092** | | **Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX)** *(26 51 19 00-0091)* | | |
| 26 51 19 00-0093 | EA | 2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2) | 707.79 | 40.19 |
| | | *For >50 To 100, Deduct* | *-19.20* | |
| | | *For >100 To 250, Deduct* | *-36.90* | |
| | | *For >250 To 500, Deduct* | *-70.78* | |
| | | *For >500, Deduct* | *-104.66* | |
| 26 51 19 00-0094 | EA | 2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4) | 908.74 | 46.82 |
| | | *For >50 To 100, Deduct* | *-24.48* | |
| | | *For >100 To 250, Deduct* | *-47.20* | |
| | | *For >250 To 500, Deduct* | *-90.87* | |
| | | *For >500, Deduct* | *-134.55* | |
| **26 51 19 00-0095** | | **Surface Mount, Low Profile Fixtures** *(26 51 19 00-0083)* | | |
| 26 51 19 00-0096 | EA | 6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90) | 94.96 | 27.55 |
| | | *For >50 To 100, Deduct* | *-3.75* | |
| | | *For >100 To 250, Deduct* | *-6.13* | |
| | | *For >250 To 500, Deduct* | *-9.50* | |
| | | *For >500, Deduct* | *-12.87* | |
| 26 51 19 00-0097 | EA | 6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569) | 77.65 | 27.55 |
| | | *For >50 To 100, Deduct* | *-3.32* | |
| | | *For >100 To 250, Deduct* | *-5.26* | |
| | | *For >250 To 500, Deduct* | *-7.77* | |
| | | *For >500, Deduct* | *-10.27* | |
| 26 51 19 00-0098 | EA | 13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329) | 131.31 | 27.55 |
| | | *For >50 To 100, Deduct* | *-4.66* | |
| | | *For >100 To 250, Deduct* | *-7.94* | |
| | | *For >250 To 500, Deduct* | *-13.13* | |
| | | *For >500, Deduct* | *-18.32* | |
| 26 51 19 00-0099 | EA | 15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330) | 159.00 | 27.55 |
| | | *For >50 To 100, Deduct* | *-5.35* | |
| | | *For >100 To 250, Deduct* | *-9.33* | |
| | | *For >250 To 500, Deduct* | *-15.90* | |
| | | *For >500, Deduct* | *-22.47* | |
| **26 51 19 00-0100** | | **Recessed LED Downlights** *(26 51 19 00-0001)* | | |
| **26 51 19 00-0101** | | **Recessed LED Downlights** *(26 51 19 00-0100)* | | |
| **26 51 19 00-0102** | | **Recessed LED Downlights (Lithonia)** *(26 51 19 00-0101)* | | |
| | | Note: Includes housing and trim. | | |
| 26 51 19 00-0103 | EA | 8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED) | 343.38 | 48.40 |
| | | *For Dimming Driver And Sensor Switch nLight Dimming Relay, Add* | *71.60* | |
| | | *For >50 To 100, Deduct* | *-10.40* | |
| | | *For >100 To 250, Deduct* | *-18.98* | |
| | | *For >250 To 500, Deduct* | *-34.34* | |
| | | *For >500, Deduct* | *-49.69* | |
| 26 51 19 00-0104 | EA | 8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED) | 372.63 | 48.40 |
| | | *For Dimming Driver And Sensor Switch nLight Dimming Relay, Add* | *71.60* | |
| | | *For >50 To 100, Deduct* | *-11.13* | |
| | | *For >100 To 250, Deduct* | *-20.45* | |
| | | *For >250 To 500, Deduct* | *-37.26* | |
| | | *For >500, Deduct* | *-54.08* | |
| **26 51 19 00-0105** | | **Recessed LED Downlights (Portfolio®)** *(26 51 19 00-0101)* | | |
| | | Note: Includes housing and trim. | | |
| 26 51 19 00-0106 | EA | 4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413) | 218.97 | 48.40 |
| | | *For >50 To 100, Deduct* | *-7.29* | |
| | | *For >100 To 250, Deduct* | *-12.76* | |
| | | *For >250 To 500, Deduct* | *-21.90* | |
| | | *For >500, Deduct* | *-31.03* | |
| **26 51 19 00-0107** | | **Recessed LED Downlights (Gotham® EVO®)** *(26 51 19 00-0101)* | | |
| | | Note: Includes housing and trim. | | |
| 26 51 19 00-0108 | EA | 6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED) | 267.69 | 48.40 |
| | | *For >50 To 100, Deduct* | *-8.51* | |
| | | *For >100 To 250, Deduct* | *-15.20* | |
| | | *For >250 To 500, Deduct* | *-26.77* | |
| | | *For >500, Deduct* | *-38.34* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0109 | EA | 6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED) | 276.03 | 48.40 |
| | | *For >50 To 100, Deduct* | *-8.72* | |
| | | *For >100 To 250, Deduct* | *-15.62* | |
| | | *For >250 To 500, Deduct* | *-27.60* | |
| | | *For >500, Deduct* | *-39.59* | |
| 26 51 19 00-0110 | EA | 6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED) | 310.23 | 48.40 |
| | | *For >50 To 100, Deduct* | *-9.57* | |
| | | *For >100 To 250, Deduct* | *-17.33* | |
| | | *For >250 To 500, Deduct* | *-31.02* | |
| | | *For >500, Deduct* | *-44.72* | |
| 26 51 19 00-0111 | EA | 6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED) | 313.58 | 48.40 |
| | | *For >50 To 100, Deduct* | *-9.65* | |
| | | *For >100 To 250, Deduct* | *-17.49* | |
| | | *For >250 To 500, Deduct* | *-31.36* | |
| | | *For >500, Deduct* | *-45.22* | |
| 26 51 19 00-0112 | EA | 6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED) | 342.77 | 48.40 |
| | | *For >50 To 100, Deduct* | *-10.38* | |
| | | *For >100 To 250, Deduct* | *-18.95* | |
| | | *For >250 To 500, Deduct* | *-34.28* | |
| | | *For >500, Deduct* | *-49.60* | |

### 26 51 19 00-0113 Recessed LED Downlights (Lightolier) *(26 51 19 00-0101)*

Note: Includes housing and trim.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0114 | EA | 4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL) | 529.72 | 48.40 |
| | | *For >50 To 100, Deduct* | *-15.06* | |
| | | *For >100 To 250, Deduct* | *-28.30* | |
| | | *For >250 To 500, Deduct* | *-52.97* | |
| | | *For >500, Deduct* | *-77.64* | |
| 26 51 19 00-0115 | EA | 4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL) | 621.37 | 48.40 |
| | | *For >50 To 100, Deduct* | *-17.35* | |
| | | *For >100 To 250, Deduct* | *-32.88* | |
| | | *For >250 To 500, Deduct* | *-62.14* | |
| | | *For >500, Deduct* | *-91.39* | |
| 26 51 19 00-0116 | EA | 6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL) | 667.10 | 48.40 |
| | | *For >50 To 100, Deduct* | *-18.49* | |
| | | *For >100 To 250, Deduct* | *-35.17* | |
| | | *For >250 To 500, Deduct* | *-66.71* | |
| | | *For >500, Deduct* | *-98.25* | |
| 26 51 19 00-0117 | EA | 6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL) | 667.10 | 48.40 |
| | | *For >50 To 100, Deduct* | *-18.49* | |
| | | *For >100 To 250, Deduct* | *-35.17* | |
| | | *For >250 To 500, Deduct* | *-66.71* | |
| | | *For >500, Deduct* | *-98.25* | |
| 26 51 19 00-0118 | EA | 7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL) | 690.06 | 48.40 |
| | | *For >50 To 100, Deduct* | *-19.07* | |
| | | *For >100 To 250, Deduct* | *-36.32* | |
| | | *For >250 To 500, Deduct* | *-69.01* | |
| | | *For >500, Deduct* | *-101.69* | |
| 26 51 19 00-0119 | EA | 7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL) | 713.04 | 48.40 |
| | | *For >50 To 100, Deduct* | *-19.64* | |
| | | *For >100 To 250, Deduct* | *-37.47* | |
| | | *For >250 To 500, Deduct* | *-71.30* | |
| | | *For >500, Deduct* | *-105.14* | |

### 26 51 19 00-0120 Recessed LED Downlights (Cooper) *(26 51 19 00-0101)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0121 | EA | 600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827) | 144.70 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.43* | |
| | | *For >100 To 250, Deduct* | *-9.05* | |
| | | *For >250 To 500, Deduct* | *-14.47* | |
| | | *For >500, Deduct* | *-19.89* | |
| 26 51 19 00-0122 | EA | 600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830) | 144.70 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.43* | |
| | | *For >100 To 250, Deduct* | *-9.05* | |
| | | *For >250 To 500, Deduct* | *-14.47* | |
| | | *For >500, Deduct* | *-19.89* | |
| 26 51 19 00-0123 | EA | 600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835) | 144.70 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.43* | |
| | | *For >100 To 250, Deduct* | *-9.05* | |
| | | *For >250 To 500, Deduct* | *-14.47* | |
| | | *For >500, Deduct* | *-19.89* | |
| 26 51 19 00-0124 | EA | 600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840) | 144.70 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.43* | |
| | | *For >100 To 250, Deduct* | *-9.05* | |
| | | *For >250 To 500, Deduct* | *-14.47* | |
| | | *For >500, Deduct* | *-19.89* | |
| 26 51 19 00-0125 | EA | 900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827) | 147.39 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.50* | |
| | | *For >100 To 250, Deduct* | *-9.18* | |
| | | *For >250 To 500, Deduct* | *-14.74* | |
| | | *For >500, Deduct* | *-20.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0126 | EA | 900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830) | 147.39 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.50* | |
| | | *For >100 To 250, Deduct* | *-9.18* | |
| | | *For >250 To 500, Deduct* | *-14.74* | |
| | | *For >500, Deduct* | *-20.29* | |
| 26 51 19 00-0127 | EA | 900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835) | 147.39 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.50* | |
| | | *For >100 To 250, Deduct* | *-9.18* | |
| | | *For >250 To 500, Deduct* | *-14.74* | |
| | | *For >500, Deduct* | *-20.29* | |
| 26 51 19 00-0128 | EA | 900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840) | 147.39 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.50* | |
| | | *For >100 To 250, Deduct* | *-9.18* | |
| | | *For >250 To 500, Deduct* | *-14.74* | |
| | | *For >500, Deduct* | *-20.29* | |
| 26 51 19 00-0129 | EA | 1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827) | 183.80 | 48.40 |
| | | *For >50 To 100, Deduct* | *-6.41* | |
| | | *For >100 To 250, Deduct* | *-11.01* | |
| | | *For >250 To 500, Deduct* | *-18.38* | |
| | | *For >500, Deduct* | *-25.76* | |
| 26 51 19 00-0130 | EA | 1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830) | 181.95 | 48.40 |
| | | *For >50 To 100, Deduct* | *-6.36* | |
| | | *For >100 To 250, Deduct* | *-10.91* | |
| | | *For >250 To 500, Deduct* | *-18.20* | |
| | | *For >500, Deduct* | *-25.48* | |
| 26 51 19 00-0131 | EA | 1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835) | 181.95 | 48.40 |
| | | *For >50 To 100, Deduct* | *-6.36* | |
| | | *For >100 To 250, Deduct* | *-10.91* | |
| | | *For >250 To 500, Deduct* | *-18.20* | |
| | | *For >500, Deduct* | *-25.48* | |
| 26 51 19 00-0132 | EA | 1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840) | 181.95 | 48.40 |
| | | *For >50 To 100, Deduct* | *-6.36* | |
| | | *For >100 To 250, Deduct* | *-10.91* | |
| | | *For >250 To 500, Deduct* | *-18.20* | |
| | | *For >500, Deduct* | *-25.48* | |
| 26 51 19 00-0133 | EA | 5" LED Trim, Polymer “Dead-Front”, Shallow White Baffle And Flange (Cooper Halo 591WB) | 87.88 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.77* | |
| | | *For >100 To 250, Deduct* | *-4.97* | |
| | | *For >250 To 500, Deduct* | *-8.79* | |
| | | *For >500, Deduct* | *-12.60* | |
| 26 51 19 00-0134 | EA | 5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC) | 54.56 | 15.40 |
| | | *For >50 To 100, Deduct* | *-1.94* | |
| | | *For >100 To 250, Deduct* | *-3.31* | |
| | | *For >250 To 500, Deduct* | *-5.46* | |
| | | *For >500, Deduct* | *-7.61* | |
| 26 51 19 00-0135 | EA | 5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H) | 68.90 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.30* | |
| | | *For >100 To 250, Deduct* | *-4.02* | |
| | | *For >250 To 500, Deduct* | *-6.89* | |
| | | *For >500, Deduct* | *-9.76* | |
| 26 51 19 00-0136 | EA | 5" LED Trim, White Reflector And Flange (Cooper Halo 592W) | 57.45 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.01* | |
| | | *For >100 To 250, Deduct* | *-3.45* | |
| | | *For >250 To 500, Deduct* | *-5.75* | |
| | | *For >500, Deduct* | *-8.04* | |
| 26 51 19 00-0137 | EA | 5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB) | 45.73 | 15.40 |
| | | *For >50 To 100, Deduct* | *-1.72* | |
| | | *For >100 To 250, Deduct* | *-2.86* | |
| | | *For >250 To 500, Deduct* | *-4.57* | |
| | | *For >500, Deduct* | *-6.28* | |
| 26 51 19 00-0138 | EA | 5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB) | 56.93 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.00* | |
| | | *For >100 To 250, Deduct* | *-3.42* | |
| | | *For >250 To 500, Deduct* | *-5.69* | |
| | | *For >500, Deduct* | *-7.96* | |
| 26 51 19 00-0139 | EA | 5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB) | 63.75 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.17* | |
| | | *For >100 To 250, Deduct* | *-3.77* | |
| | | *For >250 To 500, Deduct* | *-6.38* | |
| | | *For >500, Deduct* | *-8.99* | |
| 26 51 19 00-0140 | EA | 5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB) | 69.83 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.32* | |
| | | *For >100 To 250, Deduct* | *-4.07* | |
| | | *For >250 To 500, Deduct* | *-6.98* | |
| | | *For >500, Deduct* | *-9.90* | |
| 26 51 19 00-0141 | EA | 5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB) | 81.71 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.62* | |
| | | *For >100 To 250, Deduct* | *-4.66* | |
| | | *For >250 To 500, Deduct* | *-8.17* | |
| | | *For >500, Deduct* | *-11.68* | |
| 26 51 19 00-0142 | EA | 5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB) | 82.09 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.63* | |
| | | *For >100 To 250, Deduct* | *-4.68* | |
| | | *For >250 To 500, Deduct* | *-8.21* | |
| | | *For >500, Deduct* | *-11.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0143 | EA | 5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB) | 80.39 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.59* | |
| | | *For >100 To 250, Deduct* | *-4.60* | |
| | | *For >250 To 500, Deduct* | *-8.04* | |
| | | *For >500, Deduct* | *-11.48* | |
| 26 51 19 00-0144 | EA | 5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW) | 99.87 | 15.40 |
| | | *For >50 To 100, Deduct* | *-3.07* | |
| | | *For >100 To 250, Deduct* | *-5.57* | |
| | | *For >250 To 500, Deduct* | *-9.99* | |
| | | *For >500, Deduct* | *-14.40* | |
| 26 51 19 00-0145 | EA | 5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB) | 46.15 | 15.40 |
| | | *For >50 To 100, Deduct* | *-1.73* | |
| | | *For >100 To 250, Deduct* | *-2.89* | |
| | | *For >250 To 500, Deduct* | *-4.62* | |
| | | *For >500, Deduct* | *-6.35* | |
| 26 51 19 00-0146 | EA | 6" LED Trim, Polymer “Dead-Front”, White Shallow Baffle And Flange (Cooper Halo 691WB) | 85.03 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.70* | |
| | | *For >100 To 250, Deduct* | *-4.83* | |
| | | *For >250 To 500, Deduct* | *-8.50* | |
| | | *For >500, Deduct* | *-12.18* | |
| 26 51 19 00-0147 | EA | 6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC) | 71.92 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.38* | |
| | | *For >100 To 250, Deduct* | *-4.17* | |
| | | *For >250 To 500, Deduct* | *-7.19* | |
| | | *For >500, Deduct* | *-10.21* | |
| 26 51 19 00-0148 | EA | 6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H) | 67.32 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.26* | |
| | | *For >100 To 250, Deduct* | *-3.94* | |
| | | *For >250 To 500, Deduct* | *-6.73* | |
| | | *For >500, Deduct* | *-9.52* | |
| 26 51 19 00-0149 | EA | 6" LED Trim, White Reflector And Flange (Cooper Halo 692W) | 59.74 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.07* | |
| | | *For >100 To 250, Deduct* | *-3.56* | |
| | | *For >250 To 500, Deduct* | *-5.97* | |
| | | *For >500, Deduct* | *-8.38* | |
| 26 51 19 00-0150 | EA | 6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB) | 60.28 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.08* | |
| | | *For >100 To 250, Deduct* | *-3.59* | |
| | | *For >250 To 500, Deduct* | *-6.03* | |
| | | *For >500, Deduct* | *-8.46* | |
| 26 51 19 00-0151 | EA | 6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB) | 65.15 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.21* | |
| | | *For >100 To 250, Deduct* | *-3.84* | |
| | | *For >250 To 500, Deduct* | *-6.52* | |
| | | *For >500, Deduct* | *-9.20* | |
| 26 51 19 00-0152 | EA | 6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB) | 59.44 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.06* | |
| | | *For >100 To 250, Deduct* | *-3.55* | |
| | | *For >250 To 500, Deduct* | *-5.94* | |
| | | *For >500, Deduct* | *-8.34* | |
| 26 51 19 00-0153 | EA | 6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB) | 74.96 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.45* | |
| | | *For >100 To 250, Deduct* | *-4.33* | |
| | | *For >250 To 500, Deduct* | *-7.50* | |
| | | *For >500, Deduct* | *-10.67* | |
| 26 51 19 00-0154 | EA | 6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB) | 81.51 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.62* | |
| | | *For >100 To 250, Deduct* | *-4.65* | |
| | | *For >250 To 500, Deduct* | *-8.15* | |
| | | *For >500, Deduct* | *-11.65* | |
| 26 51 19 00-0155 | EA | 6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB) | 103.28 | 15.40 |
| | | *For >50 To 100, Deduct* | *-3.16* | |
| | | *For >100 To 250, Deduct* | *-5.74* | |
| | | *For >250 To 500, Deduct* | *-10.33* | |
| | | *For >500, Deduct* | *-14.91* | |
| 26 51 19 00-0156 | EA | 6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB) | 100.55 | 15.40 |
| | | *For >50 To 100, Deduct* | *-3.09* | |
| | | *For >100 To 250, Deduct* | *-5.61* | |
| | | *For >250 To 500, Deduct* | *-10.06* | |
| | | *For >500, Deduct* | *-14.51* | |
| 26 51 19 00-0157 | EA | 6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW) | 101.75 | 15.40 |
| | | *For >50 To 100, Deduct* | *-3.12* | |
| | | *For >100 To 250, Deduct* | *-5.67* | |
| | | *For >250 To 500, Deduct* | *-10.18* | |
| | | *For >500, Deduct* | *-14.69* | |
| 26 51 19 00-0158 | EA | 6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB) | 60.94 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.10* | |
| | | *For >100 To 250, Deduct* | *-3.62* | |
| | | *For >250 To 500, Deduct* | *-6.09* | |
| | | *For >500, Deduct* | *-8.56* | |
| 26 51 19 00-0159 | EA | 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT) | 55.35 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.62* | |
| | | *For >100 To 250, Deduct* | *-4.01* | |
| | | *For >250 To 500, Deduct* | *-5.54* | |
| | | *For >500, Deduct* | *-7.07* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0160 | EA | 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT) | 60.68 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.75* | |
| | | *For >100 To 250, Deduct* | *-4.27* | |
| | | *For >250 To 500, Deduct* | *-6.07* | |
| | | *For >500, Deduct* | *-7.86* | |
| 26 51 19 00-0161 | EA | 6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T) | 58.55 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.70* | |
| | | *For >100 To 250, Deduct* | *-4.17* | |
| | | *For >250 To 500, Deduct* | *-5.86* | |
| | | *For >500, Deduct* | *-7.55* | |
| 26 51 19 00-0162 | EA | 6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP) | 79.56 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.23* | |
| | | *For >100 To 250, Deduct* | *-5.22* | |
| | | *For >250 To 500, Deduct* | *-7.96* | |
| | | *For >500, Deduct* | *-10.70* | |
| 26 51 19 00-0163 | EA | 6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT) | 77.09 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.16* | |
| | | *For >100 To 250, Deduct* | *-5.09* | |
| | | *For >250 To 500, Deduct* | *-7.71* | |
| | | *For >500, Deduct* | *-10.33* | |
| 26 51 19 00-0164 | EA | 6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT) | 61.41 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.77* | |
| | | *For >100 To 250, Deduct* | *-4.31* | |
| | | *For >250 To 500, Deduct* | *-6.14* | |
| | | *For >500, Deduct* | *-7.97* | |
| 26 51 19 00-0165 | EA | 6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT) | 65.00 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.86* | |
| | | *For >100 To 250, Deduct* | *-4.49* | |
| | | *For >250 To 500, Deduct* | *-6.50* | |
| | | *For >500, Deduct* | *-8.51* | |
| 26 51 19 00-0166 | EA | 6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT) | 60.66 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.75* | |
| | | *For >100 To 250, Deduct* | *-4.27* | |
| | | *For >250 To 500, Deduct* | *-6.07* | |
| | | *For >500, Deduct* | *-7.86* | |
| 26 51 19 00-0167 | EA | 6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT) | 64.59 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.85* | |
| | | *For >100 To 250, Deduct* | *-4.47* | |
| | | *For >250 To 500, Deduct* | *-6.46* | |
| | | *For >500, Deduct* | *-8.45* | |
| 26 51 19 00-0168 | EA | 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB) | 61.31 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.77* | |
| | | *For >100 To 250, Deduct* | *-4.30* | |
| | | *For >250 To 500, Deduct* | *-6.13* | |
| | | *For >500, Deduct* | *-7.96* | |
| 26 51 19 00-0169 | EA | 6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB) | 60.95 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.76* | |
| | | *For >100 To 250, Deduct* | *-4.29* | |
| | | *For >250 To 500, Deduct* | *-6.10* | |
| | | *For >500, Deduct* | *-7.91* | |
| 26 51 19 00-0170 | EA | 6" Non-IC, New Construction Housing (Cooper Halo H7T) | 63.78 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.83* | |
| | | *For >100 To 250, Deduct* | *-4.43* | |
| | | *For >250 To 500, Deduct* | *-6.38* | |
| | | *For >500, Deduct* | *-8.33* | |
| 26 51 19 00-0171 | EA | 6" Non-IC, Remodel Housing (Cooper Halo H7RT) | 65.32 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.87* | |
| | | *For >100 To 250, Deduct* | *-4.50* | |
| | | *For >250 To 500, Deduct* | *-6.53* | |
| | | *For >500, Deduct* | *-8.56* | |
| 26 51 19 00-0172 | EA | 6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB) | 65.81 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.88* | |
| | | *For >100 To 250, Deduct* | *-4.53* | |
| | | *For >250 To 500, Deduct* | *-6.58* | |
| | | *For >500, Deduct* | *-8.63* | |
| 26 51 19 00-0173 | EA | 6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP) | 89.61 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.48* | |
| | | *For >100 To 250, Deduct* | *-5.72* | |
| | | *For >250 To 500, Deduct* | *-8.96* | |
| | | *For >500, Deduct* | *-12.20* | |
| 26 51 19 00-0174 | EA | 6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT) | 83.63 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.33* | |
| | | *For >100 To 250, Deduct* | *-5.42* | |
| | | *For >250 To 500, Deduct* | *-8.36* | |
| | | *For >500, Deduct* | *-11.31* | |
| 26 51 19 00-0175 | EA | 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT) | 84.32 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.35* | |
| | | *For >100 To 250, Deduct* | *-5.45* | |
| | | *For >250 To 500, Deduct* | *-8.43* | |
| | | *For >500, Deduct* | *-11.41* | |
| 26 51 19 00-0176 | EA | 6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT) | 88.32 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.45* | |
| | | *For >100 To 250, Deduct* | *-5.65* | |
| | | *For >250 To 500, Deduct* | *-8.83* | |
| | | *For >500, Deduct* | *-12.01* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0177 | EA | 6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT) | 88.32 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.45* | |
| | | *For >100 To 250, Deduct* | *-5.65* | |
| | | *For >250 To 500, Deduct* | *-8.83* | |
| | | *For >500, Deduct* | *-12.01* | |
| 26 51 19 00-0178 | EA | 6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700) | 88.32 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.45* | |
| | | *For >100 To 250, Deduct* | *-5.65* | |
| | | *For >250 To 500, Deduct* | *-8.83* | |
| | | *For >500, Deduct* | *-12.01* | |
| 26 51 19 00-0179 | EA | 6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R) | 88.32 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.45* | |
| | | *For >100 To 250, Deduct* | *-5.65* | |
| | | *For >250 To 500, Deduct* | *-8.83* | |
| | | *For >500, Deduct* | *-12.01* | |
| 26 51 19 00-0180 | EA | 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB) | 88.32 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.45* | |
| | | *For >100 To 250, Deduct* | *-5.65* | |
| | | *For >250 To 500, Deduct* | *-8.83* | |
| | | *For >500, Deduct* | *-12.01* | |
| 26 51 19 00-0181 | EA | 6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB) | 77.87 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.18* | |
| | | *For >100 To 250, Deduct* | *-5.13* | |
| | | *For >250 To 500, Deduct* | *-7.79* | |
| | | *For >500, Deduct* | *-10.44* | |
| 26 51 19 00-0182 | EA | 6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U) | 77.87 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.18* | |
| | | *For >100 To 250, Deduct* | *-5.13* | |
| | | *For >250 To 500, Deduct* | *-7.79* | |
| | | *For >500, Deduct* | *-10.44* | |
| 26 51 19 00-0183 | EA | 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT) | 77.87 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.18* | |
| | | *For >100 To 250, Deduct* | *-5.13* | |
| | | *For >250 To 500, Deduct* | *-7.79* | |
| | | *For >500, Deduct* | *-10.44* | |
| 26 51 19 00-0184 | EA | 6" Non-IC, New Construction Housing (Cooper Halo ET700) | 77.87 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.18* | |
| | | *For >100 To 250, Deduct* | *-5.13* | |
| | | *For >250 To 500, Deduct* | *-7.79* | |
| | | *For >500, Deduct* | *-10.44* | |
| 26 51 19 00-0185 | EA | 6" Non-IC, Remodel Housing (Cooper Halo ET700R) | 77.87 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.18* | |
| | | *For >100 To 250, Deduct* | *-5.13* | |
| | | *For >250 To 500, Deduct* | *-7.79* | |
| | | *For >500, Deduct* | *-10.44* | |
| 26 51 19 00-0186 | EA | 6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT) | 78.64 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.20* | |
| | | *For >100 To 250, Deduct* | *-5.17* | |
| | | *For >250 To 500, Deduct* | *-7.86* | |
| | | *For >500, Deduct* | *-10.56* | |
| 26 51 19 00-0187 | EA | 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT) | 90.37 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.50* | |
| | | *For >100 To 250, Deduct* | *-5.76* | |
| | | *For >250 To 500, Deduct* | *-9.04* | |
| | | *For >500, Deduct* | *-12.32* | |
| 26 51 19 00-0188 | EA | 6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT) | 78.64 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.20* | |
| | | *For >100 To 250, Deduct* | *-5.17* | |
| | | *For >250 To 500, Deduct* | *-7.86* | |
| | | *For >500, Deduct* | *-10.56* | |
| 26 51 19 00-0189 | EA | 6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT) | 87.05 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.41* | |
| | | *For >100 To 250, Deduct* | *-5.59* | |
| | | *For >250 To 500, Deduct* | *-8.71* | |
| | | *For >500, Deduct* | *-11.82* | |
| 26 51 19 00-0190 | EA | 6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T) | 73.88 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.08* | |
| | | *For >100 To 250, Deduct* | *-4.93* | |
| | | *For >250 To 500, Deduct* | *-7.39* | |
| | | *For >500, Deduct* | *-9.84* | |
| 26 51 19 00-0191 | EA | 6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT) | 75.04 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.11* | |
| | | *For >100 To 250, Deduct* | *-4.99* | |
| | | *For >250 To 500, Deduct* | *-7.50* | |
| | | *For >500, Deduct* | *-10.02* | |
| 26 51 19 00-0192 | EA | 6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT) | 83.24 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.32* | |
| | | *For >100 To 250, Deduct* | *-5.40* | |
| | | *For >250 To 500, Deduct* | *-8.32* | |
| | | *For >500, Deduct* | *-11.25* | |
| 26 51 19 00-0193 | EA | 6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700) | 83.24 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.32* | |
| | | *For >100 To 250, Deduct* | *-5.40* | |
| | | *For >250 To 500, Deduct* | *-8.32* | |
| | | *For >500, Deduct* | *-11.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0194 | EA | 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R) | 83.24 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.32* | |
| | | *For >100 To 250, Deduct* | *-5.40* | |
| | | *For >250 To 500, Deduct* | *-8.32* | |
| | | *For >500, Deduct* | *-11.25* | |
| 26 51 19 00-0195 | EA | 6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700) | 83.24 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.32* | |
| | | *For >100 To 250, Deduct* | *-5.40* | |
| | | *For >250 To 500, Deduct* | *-8.32* | |
| | | *For >500, Deduct* | *-11.25* | |
| 26 51 19 00-0196 | EA | 6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R) | 83.24 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.32* | |
| | | *For >100 To 250, Deduct* | *-5.40* | |
| | | *For >250 To 500, Deduct* | *-8.32* | |
| | | *For >500, Deduct* | *-11.25* | |
| 26 51 19 00-0197 | EA | 6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK) | 69.60 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.32* | |
| | | *For >100 To 250, Deduct* | *-4.06* | |
| | | *For >250 To 500, Deduct* | *-6.96* | |
| | | *For >500, Deduct* | *-9.86* | |
| 26 51 19 00-0198 | EA | 6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK) | 71.98 | 15.40 |
| | | *For >50 To 100, Deduct* | *-2.38* | |
| | | *For >100 To 250, Deduct* | *-4.18* | |
| | | *For >250 To 500, Deduct* | *-7.20* | |
| | | *For >500, Deduct* | *-10.22* | |
| 26 51 19 00-0199 | EA | 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT) | 68.69 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.95* | |
| | | *For >100 To 250, Deduct* | *-4.67* | |
| | | *For >250 To 500, Deduct* | *-6.87* | |
| | | *For >500, Deduct* | *-9.07* | |
| 26 51 19 00-0200 | EA | 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT) | 68.98 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.96* | |
| | | *For >100 To 250, Deduct* | *-4.69* | |
| | | *For >250 To 500, Deduct* | *-6.90* | |
| | | *For >500, Deduct* | *-9.11* | |
| 26 51 19 00-0201 | EA | 5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT) | 64.03 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.84* | |
| | | *For >100 To 250, Deduct* | *-4.44* | |
| | | *For >250 To 500, Deduct* | *-6.40* | |
| | | *For >500, Deduct* | *-8.37* | |
| 26 51 19 00-0202 | EA | 5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT) | 66.46 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.90* | |
| | | *For >100 To 250, Deduct* | *-4.56* | |
| | | *For >250 To 500, Deduct* | *-6.65* | |
| | | *For >500, Deduct* | *-8.73* | |
| 26 51 19 00-0203 | EA | 5" Non-IC, New Construction Housing (Cooper Halo H5T) | 65.67 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.88* | |
| | | *For >100 To 250, Deduct* | *-4.52* | |
| | | *For >250 To 500, Deduct* | *-6.57* | |
| | | *For >500, Deduct* | *-8.61* | |
| 26 51 19 00-0204 | EA | 5" Non-IC, Remodel Housing (Cooper Halo H5RT) | 66.41 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.90* | |
| | | *For >100 To 250, Deduct* | *-4.56* | |
| | | *For >250 To 500, Deduct* | *-6.64* | |
| | | *For >500, Deduct* | *-8.72* | |
| 26 51 19 00-0205 | EA | 5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT) | 76.84 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.16* | |
| | | *For >100 To 250, Deduct* | *-5.08* | |
| | | *For >250 To 500, Deduct* | *-7.68* | |
| | | *For >500, Deduct* | *-10.29* | |
| 26 51 19 00-0206 | EA | 5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT) | 77.40 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.17* | |
| | | *For >100 To 250, Deduct* | *-5.11* | |
| | | *For >250 To 500, Deduct* | *-7.74* | |
| | | *For >500, Deduct* | *-10.37* | |
| 26 51 19 00-0207 | EA | 5" Non-IC, New Construction Housing (Cooper Halo ET500) | 80.20 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.24* | |
| | | *For >100 To 250, Deduct* | *-5.25* | |
| | | *For >250 To 500, Deduct* | *-8.02* | |
| | | *For >500, Deduct* | *-10.79* | |
| 26 51 19 00-0208 | EA | 5" Non-IC, Remodel Housing (Cooper Halo ET500R) | 82.17 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.29* | |
| | | *For >100 To 250, Deduct* | *-5.35* | |
| | | *For >250 To 500, Deduct* | *-8.22* | |
| | | *For >500, Deduct* | *-11.09* | |
| 26 51 19 00-0209 | EA | 5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT) | 90.80 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.51* | |
| | | *For >100 To 250, Deduct* | *-5.78* | |
| | | *For >250 To 500, Deduct* | *-9.08* | |
| | | *For >500, Deduct* | *-12.38* | |

### 26 51 19 00-0210 Recessed LED Downlights (Maxlite DLR) *(26 51 19 00-0101)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0211 | EA | 4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410) | 156.05 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.72* | |
| | | *For >100 To 250, Deduct* | *-9.62* | |
| | | *For >250 To 500, Deduct* | *-15.61* | |
| | | *For >500, Deduct* | *-21.59* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0212 | EA | 4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415) | 158.19 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.77* | |
| | | *For >100 To 250, Deduct* | *-9.72* | |
| | | *For >250 To 500, Deduct* | *-15.82* | |
| | | *For >500, Deduct* | *-21.91* | |
| 26 51 19 00-0213 | EA | 4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420) | 164.62 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.93* | |
| | | *For >100 To 250, Deduct* | *-10.05* | |
| | | *For >250 To 500, Deduct* | *-16.46* | |
| | | *For >500, Deduct* | *-22.88* | |
| 26 51 19 00-0214 | EA | 6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615) | 151.76 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.61* | |
| | | *For >100 To 250, Deduct* | *-9.40* | |
| | | *For >250 To 500, Deduct* | *-15.18* | |
| | | *For >500, Deduct* | *-20.95* | |
| 26 51 19 00-0215 | EA | 6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620) | 151.76 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.61* | |
| | | *For >100 To 250, Deduct* | *-9.40* | |
| | | *For >250 To 500, Deduct* | *-15.18* | |
| | | *For >500, Deduct* | *-20.95* | |
| 26 51 19 00-0216 | EA | 6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630) | 151.76 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.61* | |
| | | *For >100 To 250, Deduct* | *-9.40* | |
| | | *For >250 To 500, Deduct* | *-15.18* | |
| | | *For >500, Deduct* | *-20.95* | |
| 26 51 19 00-0217 | EA | 8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810) | 164.62 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.93* | |
| | | *For >100 To 250, Deduct* | *-10.05* | |
| | | *For >250 To 500, Deduct* | *-16.46* | |
| | | *For >500, Deduct* | *-22.88* | |
| 26 51 19 00-0218 | EA | 8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815) | 166.75 | 48.40 |
| | | *For >50 To 100, Deduct* | *-5.98* | |
| | | *For >100 To 250, Deduct* | *-10.15* | |
| | | *For >250 To 500, Deduct* | *-16.68* | |
| | | *For >500, Deduct* | *-23.20* | |
| 26 51 19 00-0219 | EA | 8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820) | 171.03 | 48.40 |
| | | *For >50 To 100, Deduct* | *-6.09* | |
| | | *For >100 To 250, Deduct* | *-10.37* | |
| | | *For >250 To 500, Deduct* | *-17.10* | |
| | | *For >500, Deduct* | *-23.84* | |
| 26 51 19 00-0220 | EA | 8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830) | 183.86 | 48.40 |
| | | *For >50 To 100, Deduct* | *-6.41* | |
| | | *For >100 To 250, Deduct* | *-11.01* | |
| | | *For >250 To 500, Deduct* | *-18.39* | |
| | | *For >500, Deduct* | *-25.76* | |
| 26 51 19 00-0221 | EA | 8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850) | 200.99 | 48.40 |
| | | *For >50 To 100, Deduct* | *-6.84* | |
| | | *For >100 To 250, Deduct* | *-11.86* | |
| | | *For >250 To 500, Deduct* | *-20.10* | |
| | | *For >500, Deduct* | *-28.33* | |

26 51 19 00-0222 Recessed LED Downlight Retrofits And Trim (CREE®) *(26 51 19 00-0100)*

26 51 19 00-0223 Recessed LED Downlight Retrofits (CREE®) *(26 51 19 00-0222)*

Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0224 | EA | 4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L) | 89.47 | |
| | | *For >50 To 100, Deduct* | *-2.92* | |
| | | *For >100 To 250, Deduct* | *-5.16* | |
| | | *For >250 To 500, Deduct* | *-8.95* | |
| | | *For >500, Deduct* | *-12.73* | |
| 26 51 19 00-0225 | EA | 6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L) | 79.42 | |
| | | *For >50 To 100, Deduct* | *-2.67* | |
| | | *For >100 To 250, Deduct* | *-4.66* | |
| | | *For >250 To 500, Deduct* | *-7.94* | |
| | | *For >500, Deduct* | *-11.23* | |
| 26 51 19 00-0226 | EA | 6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L) | 99.52 | |
| | | *For >50 To 100, Deduct* | *-3.18* | |
| | | *For >100 To 250, Deduct* | *-5.66* | |
| | | *For >250 To 500, Deduct* | *-9.95* | |
| | | *For >500, Deduct* | *-14.24* | |
| 26 51 19 00-0227 | EA | 6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277) | 111.24 | |
| | | *For >50 To 100, Deduct* | *-3.47* | |
| | | *For >100 To 250, Deduct* | *-6.25* | |
| | | *For >250 To 500, Deduct* | *-11.12* | |
| | | *For >500, Deduct* | *-16.00* | |
| 26 51 19 00-0228 | EA | 6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR) | 121.29 | |
| | | *For >50 To 100, Deduct* | *-3.72* | |
| | | *For >100 To 250, Deduct* | *-6.75* | |
| | | *For >250 To 500, Deduct* | *-12.13* | |
| | | *For >500, Deduct* | *-17.51* | |

26 51 19 00-0229 Recessed LED Downlight Retrofits Trim (CREE®) *(26 51 19 00-0222)*

Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0230 | EA | 6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX) | 33.24 | 7.70 |
| | | *For >50 To 100, Deduct* | *-1.24* | |
| | | *For >100 To 250, Deduct* | *-2.07* | |
| | | *For >250 To 500, Deduct* | *-3.32* | |
| | | *For >500, Deduct* | *-4.57* | |
| 26 51 19 00-0231 | EA | 6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP) | 39.95 | 7.70 |
| | | *For >50 To 100, Deduct* | *-1.41* | |
| | | *For >100 To 250, Deduct* | *-2.41* | |
| | | *For >250 To 500, Deduct* | *-4.00* | |
| | | *For >500, Deduct* | *-5.58* | |
| 26 51 19 00-0232 | EA | 6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB) | 34.92 | 7.70 |
| | | *For >50 To 100, Deduct* | *-1.29* | |
| | | *For >100 To 250, Deduct* | *-2.16* | |
| | | *For >250 To 500, Deduct* | *-3.49* | |
| | | *For >500, Deduct* | *-4.83* | |
| **26 51 19 00-0233** | | **Recessed LED Downlight Fixture Housings (CREE®)** *(26 51 19 00-0222)* | | |
| | | Note: Excludes lamp and trim. | | |
| 26 51 19 00-0234 | EA | 6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6) | 89.70 | 33.00 |
| | | *For >50 To 100, Deduct* | *-3.48* | |
| | | *For >100 To 250, Deduct* | *-5.72* | |
| | | *For >250 To 500, Deduct* | *-8.97* | |
| | | *For >500, Deduct* | *-12.22* | |
| 26 51 19 00-0235 | EA | 6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6) | 66.24 | 33.00 |
| | | *For >50 To 100, Deduct* | *-2.89* | |
| | | *For >100 To 250, Deduct* | *-4.55* | |
| | | *For >250 To 500, Deduct* | *-6.62* | |
| | | *For >500, Deduct* | *-8.70* | |
| **26 51 19 00-0236** | | **Can Retrofit Or Surface Mount, LED Downlights** *(26 51 19 00-0100)* | | |
| 26 51 19 00-0237 | EA | 6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6) | 89.21 | 30.14 |
| | | *For >50 To 100, Deduct* | *-3.36* | |
| | | *For >100 To 250, Deduct* | *-5.59* | |
| | | *For >250 To 500, Deduct* | *-8.92* | |
| | | *For >500, Deduct* | *-12.25* | |
| 26 51 19 00-0238 | EA | 4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D) | 72.11 | 30.14 |
| | | *For >50 To 100, Deduct* | *-2.93* | |
| | | *For >100 To 250, Deduct* | *-4.74* | |
| | | *For >250 To 500, Deduct* | *-7.21* | |
| | | *For >500, Deduct* | *-9.69* | |
| 26 51 19 00-0239 | EA | 6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D) | 72.11 | 30.14 |
| | | *For >50 To 100, Deduct* | *-2.93* | |
| | | *For >100 To 250, Deduct* | *-4.74* | |
| | | *For >250 To 500, Deduct* | *-7.21* | |
| | | *For >500, Deduct* | *-9.69* | |
| 26 51 19 00-0240 | EA | 6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP) | 121.46 | 30.14 |
| | | *For Recessed IC/Non-IC Rated Housing For New Construction, Add* | *44.39* | |
| | | *For >50 To 100, Deduct* | *-4.17* | |
| | | *For >100 To 250, Deduct* | *-7.20* | |
| | | *For >250 To 500, Deduct* | *-12.15* | |
| | | *For >500, Deduct* | *-17.09* | |
| 26 51 19 00-0241 | EA | 4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840) | 61.28 | 30.14 |
| | | *For >50 To 100, Deduct* | *-2.66* | |
| | | *For >100 To 250, Deduct* | *-4.19* | |
| | | *For >250 To 500, Deduct* | *-6.13* | |
| | | *For >500, Deduct* | *-8.06* | |
| 26 51 19 00-0242 | EA | 5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840) | 67.73 | 30.14 |
| | | *For >50 To 100, Deduct* | *-2.82* | |
| | | *For >100 To 250, Deduct* | *-4.52* | |
| | | *For >250 To 500, Deduct* | *-6.77* | |
| | | *For >500, Deduct* | *-9.03* | |
| 26 51 19 00-0243 | EA | 6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM) | 801.78 | 30.14 |
| | | *For >50 To 100, Deduct* | *-21.18* | |
| | | *For >100 To 250, Deduct* | *-41.22* | |
| | | *For >250 To 500, Deduct* | *-80.18* | |
| | | *For >500, Deduct* | *-119.14* | |
| **26 51 19 00-0244** | | **Wall Mount LED Cylinder Downlight** *(26 51 19 00-0001)* | | |
| 26 51 19 00-0245 | EA | 9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9) | 350.53 | 46.82 |
| | | *For >50 To 100, Deduct* | *-10.52* | |
| | | *For >100 To 250, Deduct* | *-19.29* | |
| | | *For >250 To 500, Deduct* | *-35.05* | |
| | | *For >500, Deduct* | *-50.82* | |
| **26 51 19 00-0246** | | **Wall Sconce And Wall Wash LED Fixtures** *(26 51 19 00-0001)* | | |
| **26 51 19 00-0247** | | **LED Wall Sconce Fixtures (Hudson Valley Lighting)** *(26 51 19 00-0246)* | | |
| 26 51 19 00-0248 | EA | 2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN) | 461.20 | 44.00 |
| | | *For >50 To 100, Deduct* | *-13.18* | |
| | | *For >100 To 250, Deduct* | *-24.71* | |
| | | *For >250 To 500, Deduct* | *-46.12* | |
| | | *For >500, Deduct* | *-67.53* | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0249 | | LED Wall Sconce Fixtures (Kichler) *(26 51 19 00-0246)* | | |
| 26 51 19 00-0250 | EA | 6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED) | 257.36 | 44.00 |
| | | *For >50 To 100, Deduct* | *-8.08* | |
| | | *For >100 To 250, Deduct* | *-14.52* | |
| | | *For >250 To 500, Deduct* | *-25.74* | |
| | | *For >500, Deduct* | *-36.95* | |
| 26 51 19 00-0251 | | LED Wall Sconce Fixtures (Metalux) *(26 51 19 00-0246)* | | |
| 26 51 19 00-0252 | EA | 9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN) | 141.88 | 44.00 |
| | | *For >50 To 100, Deduct* | *-5.20* | |
| | | *For >100 To 250, Deduct* | *-8.74* | |
| | | *For >250 To 500, Deduct* | *-14.19* | |
| | | *For >500, Deduct* | *-19.63* | |
| 26 51 19 00-0253 | EA | 5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH) | 132.39 | 44.00 |
| | | *For >50 To 100, Deduct* | *-4.96* | |
| | | *For >100 To 250, Deduct* | *-8.27* | |
| | | *For >250 To 500, Deduct* | *-13.24* | |
| | | *For >500, Deduct* | *-18.21* | |
| 26 51 19 00-0254 | | Concealed Continuous LED Fixtures *(26 51 19 00-0001)* | | |
| 26 51 19 00-0255 | | Concealed Continuous LED Fixtures (Fraqtir™ S301) *(26 51 19 00-0254)* | | |
| 26 51 19 00-0256 | LF | Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301) | 625.72 | 5.02 |
| | | *For >50 To 100, Deduct* | *-15.89* | |
| | | *For >100 To 250, Deduct* | *-31.54* | |
| | | *For >250 To 500, Deduct* | *-62.57* | |
| | | *For >500, Deduct* | *-93.61* | |
| 26 51 19 00-0257 | LF | Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301) | 713.38 | 5.02 |
| | | *For >50 To 100, Deduct* | *-18.09* | |
| | | *For >100 To 250, Deduct* | *-35.92* | |
| | | *For >250 To 500, Deduct* | *-71.34* | |
| | | *For >500, Deduct* | *-106.76* | |
| 26 51 19 00-0258 | | Low Bay LED Fixtures *(26 51 19 00-0001)* | | |
| 26 51 19 00-0259 | | LED Linear Low Bay Fixtures (PlanLED) *(26 51 19 00-0258)* | | |
| 26 51 19 00-0260 | EA | 4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4) | 322.62 | 60.29 |
| | | *For >50 To 100, Deduct* | *-10.58* | |
| | | *For >100 To 250, Deduct* | *-18.64* | |
| | | *For >250 To 500, Deduct* | *-32.26* | |
| | | *For >500, Deduct* | *-45.88* | |
| 26 51 19 00-0261 | EA | 4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A) | 437.39 | 60.29 |
| | | *For >50 To 100, Deduct* | *-13.45* | |
| | | *For >100 To 250, Deduct* | *-24.38* | |
| | | *For >250 To 500, Deduct* | *-43.74* | |
| | | *For >500, Deduct* | *-63.10* | |
| 26 51 19 00-0262 | EA | 8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A) | 727.22 | 75.36 |
| | | *For >50 To 100, Deduct* | *-21.32* | |
| | | *For >100 To 250, Deduct* | *-39.50* | |
| | | *For >250 To 500, Deduct* | *-72.72* | |
| | | *For >500, Deduct* | *-105.94* | |
| 26 51 19 00-0263 | | LED Low Bay Fixtures (CREE®) *(26 51 19 00-0258)* | | |
| 26 51 19 00-0264 | | LED Low Bay Fixtures (CREE® LS) *(26 51 19 00-0263)* | | |
| | | Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors. | | |
| 26 51 19 00-0265 | EA | 2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V) | 267.04 | 60.29 |
| | | *For >50 To 100, Deduct* | *-9.19* | |
| | | *For >100 To 250, Deduct* | *-15.86* | |
| | | *For >250 To 500, Deduct* | *-26.70* | |
| | | *For >500, Deduct* | *-37.54* | |
| 26 51 19 00-0266 | EA | 2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V) | 284.12 | 60.29 |
| | | *For >50 To 100, Deduct* | *-9.62* | |
| | | *For >100 To 250, Deduct* | *-16.72* | |
| | | *For >250 To 500, Deduct* | *-28.41* | |
| | | *For >500, Deduct* | *-40.11* | |
| 26 51 19 00-0267 | EA | 4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V) | 274.16 | 60.29 |
| | | *For >50 To 100, Deduct* | *-9.37* | |
| | | *For >100 To 250, Deduct* | *-16.22* | |
| | | *For >250 To 500, Deduct* | *-27.42* | |
| | | *For >500, Deduct* | *-38.61* | |
| 26 51 19 00-0268 | EA | 4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V) | 291.24 | 60.29 |
| | | *For >50 To 100, Deduct* | *-9.79* | |
| | | *For >100 To 250, Deduct* | *-17.07* | |
| | | *For >250 To 500, Deduct* | *-29.12* | |
| | | *For >500, Deduct* | *-41.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0269 | EA | 5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V) | 304.05 | 60.29 |
| | | *For >50 To 100, Deduct* | *-10.11* | |
| | | *For >100 To 250, Deduct* | *-17.71* | |
| | | *For >250 To 500, Deduct* | *-30.41* | |
| | | *For >500, Deduct* | *-43.10* | |
| 26 51 19 00-0270 | EA | 5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V) | 321.14 | 60.29 |
| | | *For >50 To 100, Deduct* | *-10.54* | |
| | | *For >100 To 250, Deduct* | *-18.57* | |
| | | *For >250 To 500, Deduct* | *-32.11* | |
| | | *For >500, Deduct* | *-45.66* | |
| 26 51 19 00-0271 | EA | 8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V) | 424.55 | 75.36 |
| | | *For >50 To 100, Deduct* | *-13.75* | |
| | | *For >100 To 250, Deduct* | *-24.37* | |
| | | *For >250 To 500, Deduct* | *-42.46* | |
| | | *For >500, Deduct* | *-60.54* | |
| 26 51 19 00-0272 | EA | 8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V) | 455.87 | 75.36 |
| | | *For >50 To 100, Deduct* | *-14.54* | |
| | | *For >100 To 250, Deduct* | *-25.93* | |
| | | *For >250 To 500, Deduct* | *-45.59* | |
| | | *For >500, Deduct* | *-65.24* | |
| 26 51 19 00-0273 | EA | 10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V) | 521.36 | 75.36 |
| | | *For >50 To 100, Deduct* | *-16.17* | |
| | | *For >100 To 250, Deduct* | *-29.21* | |
| | | *For >250 To 500, Deduct* | *-52.14* | |
| | | *For >500, Deduct* | *-75.06* | |
| 26 51 19 00-0274 | EA | 10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V) | 538.44 | 75.36 |
| | | *For >50 To 100, Deduct* | *-16.60* | |
| | | *For >100 To 250, Deduct* | *-30.06* | |
| | | *For >250 To 500, Deduct* | *-53.84* | |
| | | *For >500, Deduct* | *-77.63* | |

## 26 51 19 00-0275 LED Low Bay Fixtures (CREE® LN) *(26 51 19 00-0263)*

Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0276 | EA | 3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V) | 583.08 | 60.29 |
| | | *For >50 To 100, Deduct* | *-17.09* | |
| | | *For >100 To 250, Deduct* | *-31.67* | |
| | | *For >250 To 500, Deduct* | *-58.31* | |
| | | *For >500, Deduct* | *-84.95* | |
| 26 51 19 00-0277 | EA | 3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA) | 654.26 | 60.29 |
| | | *For >50 To 100, Deduct* | *-18.87* | |
| | | *For >100 To 250, Deduct* | *-35.23* | |
| | | *For >250 To 500, Deduct* | *-65.43* | |
| | | *For >500, Deduct* | *-95.63* | |

## 26 51 19 00-0278 LED Linear Low Bay Fixtures (CREE® CS) *(26 51 19 00-0263)*

Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0279 | EA | 4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™) | 567.53 | 60.29 |
| | | *For >50 To 100, Deduct* | *-16.70* | |
| | | *For >100 To 250, Deduct* | *-30.89* | |
| | | *For >250 To 500, Deduct* | *-56.75* | |
| | | *For >500, Deduct* | *-82.62* | |
| 26 51 19 00-0280 | EA | 7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™) | 704.86 | 75.36 |
| | | *For >50 To 100, Deduct* | *-20.76* | |
| | | *For >100 To 250, Deduct* | *-38.38* | |
| | | *For >250 To 500, Deduct* | *-70.49* | |
| | | *For >500, Deduct* | *-102.59* | |
| 26 51 19 00-0281 | EA | 8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™) | 890.76 | 75.36 |
| | | *For >50 To 100, Deduct* | *-25.41* | |
| | | *For >100 To 250, Deduct* | *-47.68* | |
| | | *For >250 To 500, Deduct* | *-89.08* | |
| | | *For >500, Deduct* | *-130.47* | |

## 26 51 19 00-0282 Accessories For LED Low Bay Fixtures (CREE®) *(26 51 19 00-0263)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0283 | EA | Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK) | 52.68 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.01* | |
| | | *For >100 To 250, Deduct* | *-3.32* | |
| | | *For >250 To 500, Deduct* | *-5.27* | |
| | | *For >500, Deduct* | *-7.21* | |
| 26 51 19 00-0284 | EA | Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK) | 57.70 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.13* | |
| | | *For >100 To 250, Deduct* | *-3.57* | |
| | | *For >250 To 500, Deduct* | *-5.77* | |
| | | *For >500, Deduct* | *-7.97* | |
| 26 51 19 00-0285 | EA | Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ) | 44.29 | 16.53 |
| | | *For >50 To 100, Deduct* | *-1.80* | |
| | | *For >100 To 250, Deduct* | *-2.90* | |
| | | *For >250 To 500, Deduct* | *-4.43* | |
| | | *For >500, Deduct* | *-5.95* | |
| 26 51 19 00-0286 | EA | Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ) | 35.92 | 16.53 |
| | | *For >50 To 100, Deduct* | *-1.59* | |
| | | *For >100 To 250, Deduct* | *-2.48* | |
| | | *For >250 To 500, Deduct* | *-3.59* | |
| | | *For >500, Deduct* | *-4.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0287 | EA | Solid Reflector, Pair (Cree® LS4-SR) | 111.29 | 16.53 |
| | | *For >50 To 100, Deduct* | *-3.47* | |
| | | *For >100 To 250, Deduct* | *-6.25* | |
| | | *For >250 To 500, Deduct* | *-11.13* | |
| | | *For >500, Deduct* | *-16.00* | |
| 26 51 19 00-0288 | EA | Solid Reflector, Pair (Cree® LS8-SR) | 153.17 | 16.53 |
| | | *For >50 To 100, Deduct* | *-4.52* | |
| | | *For >100 To 250, Deduct* | *-8.35* | |
| | | *For >250 To 500, Deduct* | *-15.32* | |
| | | *For >500, Deduct* | *-22.29* | |
| 26 51 19 00-0289 | EA | 5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB) | 57.70 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.13* | |
| | | *For >100 To 250, Deduct* | *-3.57* | |
| | | *For >250 To 500, Deduct* | *-5.77* | |
| | | *For >500, Deduct* | *-7.97* | |
| 26 51 19 00-0290 | EA | 5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB) | 81.15 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.72* | |
| | | *For >100 To 250, Deduct* | *-4.75* | |
| | | *For >250 To 500, Deduct* | *-8.12* | |
| | | *For >500, Deduct* | *-11.48* | |
| 26 51 19 00-0291 | EA | 5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB) | 64.39 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.30* | |
| | | *For >100 To 250, Deduct* | *-3.91* | |
| | | *For >250 To 500, Deduct* | *-6.44* | |
| | | *For >500, Deduct* | *-8.97* | |
| 26 51 19 00-0292 | EA | 5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB) | 86.17 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.84* | |
| | | *For >100 To 250, Deduct* | *-5.00* | |
| | | *For >250 To 500, Deduct* | *-8.62* | |
| | | *For >500, Deduct* | *-12.24* | |
| 26 51 19 00-0293 | EA | 5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB) | 91.20 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.97* | |
| | | *For >100 To 250, Deduct* | *-5.25* | |
| | | *For >250 To 500, Deduct* | *-9.12* | |
| | | *For >500, Deduct* | *-12.99* | |
| 26 51 19 00-0294 | EA | 5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB) | 77.79 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.63* | |
| | | *For >100 To 250, Deduct* | *-4.58* | |
| | | *For >250 To 500, Deduct* | *-7.78* | |
| | | *For >500, Deduct* | *-10.98* | |
| 26 51 19 00-0295 | EA | 5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB) | 116.31 | 16.53 |
| | | *For >50 To 100, Deduct* | *-3.60* | |
| | | *For >100 To 250, Deduct* | *-6.50* | |
| | | *For >250 To 500, Deduct* | *-11.63* | |
| | | *For >500, Deduct* | *-16.76* | |
| 26 51 19 00-0296 | EA | Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC) | 61.05 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.22* | |
| | | *For >100 To 250, Deduct* | *-3.74* | |
| | | *For >250 To 500, Deduct* | *-6.11* | |
| | | *For >500, Deduct* | *-8.47* | |
| 26 51 19 00-0297 | EA | Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC) | 74.44 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.55* | |
| | | *For >100 To 250, Deduct* | *-4.41* | |
| | | *For >250 To 500, Deduct* | *-7.44* | |
| | | *For >500, Deduct* | *-10.48* | |
| 26 51 19 00-0298 | EA | Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC) | 57.70 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.13* | |
| | | *For >100 To 250, Deduct* | *-3.57* | |
| | | *For >250 To 500, Deduct* | *-5.77* | |
| | | *For >500, Deduct* | *-7.97* | |
| 26 51 19 00-0299 | EA | Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W) | 1,107.04 | 40.19 |
| | | *For >50 To 100, Deduct* | *-29.18* | |
| | | *For >100 To 250, Deduct* | *-56.86* | |
| | | *For >250 To 500, Deduct* | *-110.70* | |
| | | *For >500, Deduct* | *-164.55* | |
| 26 51 19 00-0300 | EA | 120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120) | 395.25 | 40.19 |
| | | *For >50 To 100, Deduct* | *-11.39* | |
| | | *For >100 To 250, Deduct* | *-21.27* | |
| | | *For >250 To 500, Deduct* | *-39.53* | |
| | | *For >500, Deduct* | *-57.78* | |

26 51 19 00-0301 LED Linear Low Bay Fixtures (Lithonia MSL) *(26 51 19 00-0258)*

Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0302 | EA | 4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL) | 853.65 | 60.29 |
| | | *For >50 To 100, Deduct* | *-23.85* | |
| | | *For >100 To 250, Deduct* | *-45.19* | |
| | | *For >250 To 500, Deduct* | *-85.37* | |
| | | *For >500, Deduct* | *-125.54* | |

26 51 19 00-0303 High Bay LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0304 LED High Bay Fixtures (Columbia Lighting LWS) *(26 51 19 00-0303)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0305 | EA | 16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU) | 455.09 | 110.53 |
| | | *For >50 To 100, Deduct* | *-16.90* | |
| | | *For >100 To 250, Deduct* | *-28.28* | |
| | | *For >250 To 500, Deduct* | *-45.51* | |
| | | *For >500, Deduct* | *-62.74* | |
| 26 51 19 00-0306 | EA | 16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU) | 455.09 | 110.53 |
| | | *For >50 To 100, Deduct* | *-16.90* | |
| | | *For >100 To 250, Deduct* | *-28.28* | |
| | | *For >250 To 500, Deduct* | *-45.51* | |
| | | *For >500, Deduct* | *-62.74* | |
| 26 51 19 00-0307 | EA | 16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU) | 511.25 | 110.53 |
| | | *For >50 To 100, Deduct* | *-18.31* | |
| | | *For >100 To 250, Deduct* | *-31.09* | |
| | | *For >250 To 500, Deduct* | *-51.13* | |
| | | *For >500, Deduct* | *-71.16* | |
| 26 51 19 00-0308 | EA | 16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU) | 511.25 | 110.53 |
| | | *For >50 To 100, Deduct* | *-18.31* | |
| | | *For >100 To 250, Deduct* | *-31.09* | |
| | | *For >250 To 500, Deduct* | *-51.13* | |
| | | *For >500, Deduct* | *-71.16* | |
| 26 51 19 00-0309 | EA | 16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU) | 604.86 | 110.53 |
| | | *For >50 To 100, Deduct* | *-20.65* | |
| | | *For >100 To 250, Deduct* | *-35.77* | |
| | | *For >250 To 500, Deduct* | *-60.49* | |
| | | *For >500, Deduct* | *-85.20* | |
| 26 51 19 00-0310 | EA | 16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU) | 604.86 | 110.53 |
| | | *For >50 To 100, Deduct* | *-20.65* | |
| | | *For >100 To 250, Deduct* | *-35.77* | |
| | | *For >250 To 500, Deduct* | *-60.49* | |
| | | *For >500, Deduct* | *-85.20* | |
| 26 51 19 00-0311 | EA | 16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU) | 642.30 | 110.53 |
| | | *For >50 To 100, Deduct* | *-21.58* | |
| | | *For >100 To 250, Deduct* | *-37.64* | |
| | | *For >250 To 500, Deduct* | *-64.23* | |
| | | *For >500, Deduct* | *-90.82* | |
| 26 51 19 00-0312 | EA | 16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU) | 642.30 | 110.53 |
| | | *For >50 To 100, Deduct* | *-21.58* | |
| | | *For >100 To 250, Deduct* | *-37.64* | |
| | | *For >250 To 500, Deduct* | *-64.23* | |
| | | *For >500, Deduct* | *-90.82* | |
| 26 51 19 00-0313 | EA | 16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU) | 670.39 | 110.53 |
| | | *For >50 To 100, Deduct* | *-22.29* | |
| | | *For >100 To 250, Deduct* | *-39.05* | |
| | | *For >250 To 500, Deduct* | *-67.04* | |
| | | *For >500, Deduct* | *-95.03* | |
| 26 51 19 00-0314 | EA | 16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU) | 670.39 | 110.53 |
| | | *For >50 To 100, Deduct* | *-22.29* | |
| | | *For >100 To 250, Deduct* | *-39.05* | |
| | | *For >250 To 500, Deduct* | *-67.04* | |
| | | *For >500, Deduct* | *-95.03* | |

26 51 19 00-0315 LED High Bay Fixtures (Cree) *(26 51 19 00-0303)*

26 51 19 00-0316 LED High Bay Fixtures (CREE®) *(26 51 19 00-0315)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0317 | EA | 18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V) | 703.67 | 110.53 |
| | | *For >50 To 100, Deduct* | *-23.12* | |
| | | *For >100 To 250, Deduct* | *-40.71* | |
| | | *For >250 To 500, Deduct* | *-70.37* | |
| | | *For >500, Deduct* | *-100.02* | |
| 26 51 19 00-0318 | EA | 18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML) | 840.74 | 110.53 |
| | | *For >50 To 100, Deduct* | *-26.55* | |
| | | *For >100 To 250, Deduct* | *-47.56* | |
| | | *For >250 To 500, Deduct* | *-84.07* | |
| | | *For >500, Deduct* | *-120.58* | |
| 26 51 19 00-0319 | EA | 18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V) | 773.76 | 110.53 |
| | | *For >50 To 100, Deduct* | *-24.87* | |
| | | *For >100 To 250, Deduct* | *-44.21* | |
| | | *For >250 To 500, Deduct* | *-77.38* | |
| | | *For >500, Deduct* | *-110.54* | |
| 26 51 19 00-0320 | EA | 18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML) | 882.63 | 110.53 |
| | | *For >50 To 100, Deduct* | *-27.59* | |
| | | *For >100 To 250, Deduct* | *-49.66* | |
| | | *For >250 To 500, Deduct* | *-88.26* | |
| | | *For >500, Deduct* | *-126.87* | |
| 26 51 19 00-0321 | EA | 24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V) | 727.87 | 110.53 |
| | | *For >50 To 100, Deduct* | *-23.72* | |
| | | *For >100 To 250, Deduct* | *-41.92* | |
| | | *For >250 To 500, Deduct* | *-72.79* | |
| | | *For >500, Deduct* | *-103.65* | |
| 26 51 19 00-0322 | EA | 24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML) | 865.87 | 110.53 |
| | | *For >50 To 100, Deduct* | *-27.17* | |
| | | *For >100 To 250, Deduct* | *-48.82* | |
| | | *For >250 To 500, Deduct* | *-86.59* | |
| | | *For >500, Deduct* | *-124.35* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0323 | EA | 24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V) | 798.88 | 110.53 |
| | | *For >50 To 100, Deduct* | *-25.50* | |
| | | *For >100 To 250, Deduct* | *-45.47* | |
| | | *For >250 To 500, Deduct* | *-79.89* | |
| | | *For >500, Deduct* | *-114.31* | |
| 26 51 19 00-0324 | EA | 24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML) | 907.74 | 110.53 |
| | | *For >50 To 100, Deduct* | *-28.22* | |
| | | *For >100 To 250, Deduct* | *-50.91* | |
| | | *For >250 To 500, Deduct* | *-90.77* | |
| | | *For >500, Deduct* | *-130.63* | |

## 26 51 19 00-0325 Accessories For LED High Bay Fixtures (CREE®) *(26 51 19 00-0315)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0326 | EA | 15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P) | 52.68 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.01* | |
| | | *For >100 To 250, Deduct* | *-3.32* | |
| | | *For >250 To 500, Deduct* | *-5.27* | |
| | | *For >500, Deduct* | *-7.21* | |
| 26 51 19 00-0327 | EA | 15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P) | 52.68 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.01* | |
| | | *For >100 To 250, Deduct* | *-3.32* | |
| | | *For >250 To 500, Deduct* | *-5.27* | |
| | | *For >500, Deduct* | *-7.21* | |
| 26 51 19 00-0328 | EA | 16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N) | 69.42 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.42* | |
| | | *For >100 To 250, Deduct* | *-4.16* | |
| | | *For >250 To 500, Deduct* | *-6.94* | |
| | | *For >500, Deduct* | *-9.72* | |
| 26 51 19 00-0329 | EA | 16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16) | 102.91 | 16.53 |
| | | *For >50 To 100, Deduct* | *-3.26* | |
| | | *For >100 To 250, Deduct* | *-5.83* | |
| | | *For >250 To 500, Deduct* | *-10.29* | |
| | | *For >500, Deduct* | *-14.75* | |
| 26 51 19 00-0330 | EA | 16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16) | 119.67 | 16.53 |
| | | *For >50 To 100, Deduct* | *-3.68* | |
| | | *For >100 To 250, Deduct* | *-6.67* | |
| | | *For >250 To 500, Deduct* | *-11.97* | |
| | | *For >500, Deduct* | *-17.26* | |
| 26 51 19 00-0331 | EA | 16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16) | 69.42 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.42* | |
| | | *For >100 To 250, Deduct* | *-4.16* | |
| | | *For >250 To 500, Deduct* | *-6.94* | |
| | | *For >500, Deduct* | *-9.72* | |
| 26 51 19 00-0332 | EA | 16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16) | 71.10 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.47* | |
| | | *For >100 To 250, Deduct* | *-4.24* | |
| | | *For >250 To 500, Deduct* | *-7.11* | |
| | | *For >500, Deduct* | *-9.98* | |
| 26 51 19 00-0333 | EA | 16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A) | 52.68 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.01* | |
| | | *For >100 To 250, Deduct* | *-3.32* | |
| | | *For >250 To 500, Deduct* | *-5.27* | |
| | | *For >500, Deduct* | *-7.21* | |
| 26 51 19 00-0334 | EA | 16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP) | 56.02 | 16.53 |
| | | *For >50 To 100, Deduct* | *-2.09* | |
| | | *For >100 To 250, Deduct* | *-3.49* | |
| | | *For >250 To 500, Deduct* | *-5.60* | |
| | | *For >500, Deduct* | *-7.71* | |
| 26 51 19 00-0335 | EA | 5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5) | 37.60 | 16.53 |
| | | *For >50 To 100, Deduct* | *-1.63* | |
| | | *For >100 To 250, Deduct* | *-2.57* | |
| | | *For >250 To 500, Deduct* | *-3.76* | |
| | | *For >500, Deduct* | *-4.95* | |
| 26 51 19 00-0336 | EA | 10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10) | 39.28 | 16.53 |
| | | *For >50 To 100, Deduct* | *-1.67* | |
| | | *For >100 To 250, Deduct* | *-2.65* | |
| | | *For >250 To 500, Deduct* | *-3.93* | |
| | | *For >500, Deduct* | *-5.20* | |

## 26 51 19 00-0337 LED High Bay Fixtures (DLE) *(26 51 19 00-0303)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0338 | EA | 12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV) | 1,255.86 | 110.53 |
| | | *For >50 To 100, Deduct* | *-36.92* | |
| | | *For >100 To 250, Deduct* | *-68.32* | |
| | | *For >250 To 500, Deduct* | *-125.59* | |
| | | *For >500, Deduct* | *-182.85* | |
| 26 51 19 00-0339 | EA | 18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV) | 1,540.94 | 110.53 |
| | | *For >50 To 100, Deduct* | *-44.05* | |
| | | *For >100 To 250, Deduct* | *-82.57* | |
| | | *For >250 To 500, Deduct* | *-154.09* | |
| | | *For >500, Deduct* | *-225.61* | |
| 26 51 19 00-0340 | EA | 24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV) | 1,805.65 | 110.53 |
| | | *For >50 To 100, Deduct* | *-50.67* | |
| | | *For >100 To 250, Deduct* | *-95.81* | |
| | | *For >250 To 500, Deduct* | *-180.57* | |
| | | *For >500, Deduct* | *-265.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 51 19 00-0341** | | **LED High Bay Fixtures (Everlast)** *(26 51 19 00-0303)* | | |
| **26 51 19 00-0342** | | **LED High Bay Fixtures (Everlast EL-LED-LG)** *(26 51 19 00-0341)* | | |
| 26 51 19 00-0343 | EA | 13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC) | 850.46 | 110.53 |
| | | *For >50 To 100, Deduct* | *-26.79* | |
| | | *For >100 To 250, Deduct* | *-48.05* | |
| | | *For >250 To 500, Deduct* | *-85.05* | |
| | | *For >500, Deduct* | *-122.04* | |
| 26 51 19 00-0344 | EA | 13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO) | 898.59 | 110.53 |
| | | *For >50 To 100, Deduct* | *-27.99* | |
| | | *For >100 To 250, Deduct* | *-50.46* | |
| | | *For >250 To 500, Deduct* | *-89.86* | |
| | | *For >500, Deduct* | *-129.26* | |
| 26 51 19 00-0345 | EA | 15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16) | 802.33 | 110.53 |
| | | *For >50 To 100, Deduct* | *-25.59* | |
| | | *For >100 To 250, Deduct* | *-45.64* | |
| | | *For >250 To 500, Deduct* | *-80.23* | |
| | | *For >500, Deduct* | *-114.82* | |
| 26 51 19 00-0346 | EA | 15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22) | 822.69 | 110.53 |
| | | *For >50 To 100, Deduct* | *-26.09* | |
| | | *For >100 To 250, Deduct* | *-46.66* | |
| | | *For >250 To 500, Deduct* | *-82.27* | |
| | | *For >500, Deduct* | *-117.88* | |
| 26 51 19 00-0347 | EA | 17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC) | 933.76 | 110.53 |
| | | *For >50 To 100, Deduct* | *-28.87* | |
| | | *For >100 To 250, Deduct* | *-52.21* | |
| | | *For >250 To 500, Deduct* | *-93.38* | |
| | | *For >500, Deduct* | *-134.54* | |
| 26 51 19 00-0348 | EA | 17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO) | 1,017.06 | 110.53 |
| | | *For >50 To 100, Deduct* | *-30.95* | |
| | | *For >100 To 250, Deduct* | *-56.38* | |
| | | *For >250 To 500, Deduct* | *-101.71* | |
| | | *For >500, Deduct* | *-147.03* | |
| 26 51 19 00-0349 | EA | 20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16) | 889.34 | 110.53 |
| | | *For >50 To 100, Deduct* | *-27.76* | |
| | | *For >100 To 250, Deduct* | *-49.99* | |
| | | *For >250 To 500, Deduct* | *-88.93* | |
| | | *For >500, Deduct* | *-127.87* | |
| 26 51 19 00-0350 | EA | 20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22) | 961.53 | 110.53 |
| | | *For >50 To 100, Deduct* | *-29.57* | |
| | | *For >100 To 250, Deduct* | *-53.60* | |
| | | *For >250 To 500, Deduct* | *-96.15* | |
| | | *For >500, Deduct* | *-138.70* | |
| 26 51 19 00-0351 | EA | 34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30) | 1,396.55 | 110.53 |
| | | *For >50 To 100, Deduct* | *-40.44* | |
| | | *For >100 To 250, Deduct* | *-75.35* | |
| | | *For >250 To 500, Deduct* | *-139.66* | |
| | | *For >500, Deduct* | *-203.96* | |
| 26 51 19 00-0352 | EA | 43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30) | 1,526.13 | 110.53 |
| | | *For >50 To 100, Deduct* | *-43.68* | |
| | | *For >100 To 250, Deduct* | *-81.83* | |
| | | *For >250 To 500, Deduct* | *-152.61* | |
| | | *For >500, Deduct* | *-223.39* | |
| 26 51 19 00-0353 | EA | 66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30) | 1,896.36 | 110.53 |
| | | *For >50 To 100, Deduct* | *-52.94* | |
| | | *For >100 To 250, Deduct* | *-100.34* | |
| | | *For >250 To 500, Deduct* | *-189.64* | |
| | | *For >500, Deduct* | *-278.93* | |
| **26 51 19 00-0354** | | **LED High Bay Fixtures (Everlast EL-LED-CS)** *(26 51 19 00-0341)* | | |
| 26 51 19 00-0355 | EA | 5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS) | 535.77 | 110.53 |
| | | *For >50 To 100, Deduct* | *-18.92* | |
| | | *For >100 To 250, Deduct* | *-32.32* | |
| | | *For >250 To 500, Deduct* | *-53.58* | |
| | | *For >500, Deduct* | *-74.84* | |
| 26 51 19 00-0356 | EA | 10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS) | 785.67 | 110.53 |
| | | *For >50 To 100, Deduct* | *-25.17* | |
| | | *For >100 To 250, Deduct* | *-44.81* | |
| | | *For >250 To 500, Deduct* | *-78.57* | |
| | | *For >500, Deduct* | *-112.32* | |
| 26 51 19 00-0357 | EA | 15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS) | 896.74 | 110.53 |
| | | *For >50 To 100, Deduct* | *-27.95* | |
| | | *For >100 To 250, Deduct* | *-50.36* | |
| | | *For >250 To 500, Deduct* | *-89.67* | |
| | | *For >500, Deduct* | *-128.98* | |
| 26 51 19 00-0358 | EA | 20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS) | 1,026.32 | 110.53 |
| | | *For >50 To 100, Deduct* | *-31.18* | |
| | | *For >100 To 250, Deduct* | *-56.84* | |
| | | *For >250 To 500, Deduct* | *-102.63* | |
| | | *For >500, Deduct* | *-148.42* | |
| 26 51 19 00-0359 | EA | 30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS) | 1,109.62 | 110.53 |
| | | *For >50 To 100, Deduct* | *-33.27* | |
| | | *For >100 To 250, Deduct* | *-61.01* | |
| | | *For >250 To 500, Deduct* | *-110.96* | |
| | | *For >500, Deduct* | *-160.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 51 19 00-0360** | | **LED High Bay Fixtures (Everlast EL-LED-HB-LG)** *(26 51 19 00-0341)* | | |
| 26 51 19 00-0361 | EA | 10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG) | 702.37 | 110.53 |
| | | *For >50 To 100, Deduct* | *-23.09* | |
| | | *For >100 To 250, Deduct* | *-40.65* | |
| | | *For >250 To 500, Deduct* | *-70.24* | |
| | | *For >500, Deduct* | *-99.83* | |
| 26 51 19 00-0362 | EA | 15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG) | 748.65 | 110.53 |
| | | *For >50 To 100, Deduct* | *-24.24* | |
| | | *For >100 To 250, Deduct* | *-42.96* | |
| | | *For >250 To 500, Deduct* | *-74.87* | |
| | | *For >500, Deduct* | *-106.77* | |
| 26 51 19 00-0363 | EA | 20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG) | 813.44 | 110.53 |
| | | *For >50 To 100, Deduct* | *-25.86* | |
| | | *For >100 To 250, Deduct* | *-46.20* | |
| | | *For >250 To 500, Deduct* | *-81.34* | |
| | | *For >500, Deduct* | *-116.49* | |
| **26 51 19 00-0364** | | **LED High Bay Fixtures (Everlast EL-LED-LHB)** *(26 51 19 00-0341)* | | |
| 26 51 19 00-0365 | EA | 13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB) | 713.48 | 110.53 |
| | | *For >50 To 100, Deduct* | *-23.36* | |
| | | *For >100 To 250, Deduct* | *-41.20* | |
| | | *For >250 To 500, Deduct* | *-71.35* | |
| | | *For >500, Deduct* | *-101.50* | |
| 26 51 19 00-0366 | EA | 26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB) | 878.23 | 110.53 |
| | | *For >50 To 100, Deduct* | *-27.48* | |
| | | *For >100 To 250, Deduct* | *-49.44* | |
| | | *For >250 To 500, Deduct* | *-87.82* | |
| | | *For >500, Deduct* | *-126.21* | |
| 26 51 19 00-0367 | EA | 39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB) | 1,091.11 | 110.53 |
| | | *For >50 To 100, Deduct* | *-32.80* | |
| | | *For >100 To 250, Deduct* | *-60.08* | |
| | | *For >250 To 500, Deduct* | *-109.11* | |
| | | *For >500, Deduct* | *-158.14* | |
| **26 51 19 00-0368** | | **LED High Bay Fixtures (Lithonia IBL)** *(26 51 19 00-0303)* | | |
| | | Note: Includes aluminum alloy chassis. | | |
| 26 51 19 00-0369 | EA | 9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L) | 576.45 | 110.53 |
| | | *For >50 To 100, Deduct* | *-19.94* | |
| | | *For >100 To 250, Deduct* | *-34.35* | |
| | | *For >250 To 500, Deduct* | *-57.65* | |
| | | *For >500, Deduct* | *-80.94* | |
| 26 51 19 00-0370 | EA | 12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L) | 623.25 | 110.53 |
| | | *For >50 To 100, Deduct* | *-21.11* | |
| | | *For >100 To 250, Deduct* | *-36.69* | |
| | | *For >250 To 500, Deduct* | *-62.33* | |
| | | *For >500, Deduct* | *-87.96* | |
| 26 51 19 00-0371 | EA | 18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L) | 749.62 | 110.53 |
| | | *For >50 To 100, Deduct* | *-24.27* | |
| | | *For >100 To 250, Deduct* | *-43.01* | |
| | | *For >250 To 500, Deduct* | *-74.96* | |
| | | *For >500, Deduct* | *-106.92* | |
| 26 51 19 00-0372 | EA | 24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L) | 800.17 | 110.53 |
| | | *For >50 To 100, Deduct* | *-25.53* | |
| | | *For >100 To 250, Deduct* | *-45.54* | |
| | | *For >250 To 500, Deduct* | *-80.02* | |
| | | *For >500, Deduct* | *-114.50* | |
| **26 51 19 00-0373** | | **LED High Bay Fixtures (Metalux SSLED)** *(26 51 19 00-0303)* | | |
| 26 51 19 00-0374 | EA | 12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U) | 652.21 | 110.53 |
| | | *For >50 To 100, Deduct* | *-21.83* | |
| | | *For >100 To 250, Deduct* | *-38.14* | |
| | | *For >250 To 500, Deduct* | *-65.22* | |
| | | *For >500, Deduct* | *-92.30* | |
| 26 51 19 00-0375 | EA | 15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U) | 669.15 | 110.53 |
| | | *For >50 To 100, Deduct* | *-22.26* | |
| | | *For >100 To 250, Deduct* | *-38.98* | |
| | | *For >250 To 500, Deduct* | *-66.92* | |
| | | *For >500, Deduct* | *-94.85* | |
| 26 51 19 00-0376 | EA | 18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U) | 675.97 | 110.53 |
| | | *For >50 To 100, Deduct* | *-22.43* | |
| | | *For >100 To 250, Deduct* | *-39.33* | |
| | | *For >250 To 500, Deduct* | *-67.60* | |
| | | *For >500, Deduct* | *-95.87* | |
| 26 51 19 00-0377 | EA | 24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U) | 740.92 | 110.53 |
| | | *For >50 To 100, Deduct* | *-24.05* | |
| | | *For >100 To 250, Deduct* | *-42.57* | |
| | | *For >250 To 500, Deduct* | *-74.09* | |
| | | *For >500, Deduct* | *-105.61* | |
| 26 51 19 00-0378 | EA | 30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U) | 816.57 | 110.53 |
| | | *For >50 To 100, Deduct* | *-25.94* | |
| | | *For >100 To 250, Deduct* | *-46.36* | |
| | | *For >250 To 500, Deduct* | *-81.66* | |
| | | *For >500, Deduct* | *-116.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0379 | EA | 36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U) | 844.96 | 110.53 |
| | | *For >50 To 100, Deduct* | *-26.65* | |
| | | *For >100 To 250, Deduct* | *-47.77* | |
| | | *For >250 To 500, Deduct* | *-84.50* | |
| | | *For >500, Deduct* | *-121.22* | |

## 26 51 19 00-0380 LED High Bay Fixtures (PlanLED) *(26 51 19 00-0303)*

## 26 51 19 00-0381 LED High Bay Fixtures (PlanLED LUNA) *(26 51 19 00-0380)*

Note: Includes aluminum alloy chassis.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0382 | EA | 7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70) | 828.25 | 110.53 |
| | | *For >50 To 100, Deduct* | *-26.23* | |
| | | *For >100 To 250, Deduct* | *-46.94* | |
| | | *For >250 To 500, Deduct* | *-82.83* | |
| | | *For >500, Deduct* | *-118.71* | |
| 26 51 19 00-0383 | EA | 9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98) | 931.91 | 110.53 |
| | | *For >50 To 100, Deduct* | *-28.82* | |
| | | *For >100 To 250, Deduct* | *-52.12* | |
| | | *For >250 To 500, Deduct* | *-93.19* | |
| | | *For >500, Deduct* | *-134.26* | |
| 26 51 19 00-0384 | EA | 13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130) | 1,081.85 | 110.53 |
| | | *For >50 To 100, Deduct* | *-32.57* | |
| | | *For >100 To 250, Deduct* | *-59.62* | |
| | | *For >250 To 500, Deduct* | *-108.19* | |
| | | *For >500, Deduct* | *-156.75* | |
| 26 51 19 00-0385 | EA | 16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160) | 1,228.10 | 110.53 |
| | | *For >50 To 100, Deduct* | *-36.23* | |
| | | *For >100 To 250, Deduct* | *-66.93* | |
| | | *For >250 To 500, Deduct* | *-122.81* | |
| | | *For >500, Deduct* | *-178.69* | |

## 26 51 19 00-0386 LED High Bay Fixtures (PlanLED IBL) *(26 51 19 00-0380)*

Note: Includes aluminum alloy chassis.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0387 | EA | 13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W) | 902.29 | 110.53 |
| | | *For 480 Volt, Add* | *51.19* | |
| | | *For >50 To 100, Deduct* | *-28.08* | |
| | | *For >100 To 250, Deduct* | *-50.64* | |
| | | *For >250 To 500, Deduct* | *-90.23* | |
| | | *For >500, Deduct* | *-129.82* | |
| 26 51 19 00-0388 | EA | 21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W) | 1,263.27 | 110.53 |
| | | *For 480 Volt, Add* | *64.68* | |
| | | *For >50 To 100, Deduct* | *-37.11* | |
| | | *For >100 To 250, Deduct* | *-68.69* | |
| | | *For >250 To 500, Deduct* | *-126.33* | |
| | | *For >500, Deduct* | *-183.96* | |
| 26 51 19 00-0389 | EA | 42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W) | 2,257.33 | 110.53 |
| | | *For 480 Volt, Add* | *102.22* | |
| | | *For >50 To 100, Deduct* | *-61.96* | |
| | | *For >100 To 250, Deduct* | *-118.39* | |
| | | *For >250 To 500, Deduct* | *-225.73* | |
| | | *For >500, Deduct* | *-333.07* | |

## 26 51 19 00-0390 LED High Bay Fixtures (PlanLED SEGA) *(26 51 19 00-0380)*

Note: Includes aluminum alloy chassis.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0391 | EA | 10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080) | 707.92 | 110.53 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For >50 To 100, Deduct* | *-23.22* | |
| | | *For >100 To 250, Deduct* | *-40.92* | |
| | | *For >250 To 500, Deduct* | *-70.79* | |
| | | *For >500, Deduct* | *-100.66* | |
| 26 51 19 00-0392 | EA | 13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100) | 757.90 | 110.53 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For >50 To 100, Deduct* | *-24.47* | |
| | | *For >100 To 250, Deduct* | *-43.42* | |
| | | *For >250 To 500, Deduct* | *-75.79* | |
| | | *For >500, Deduct* | *-108.16* | |
| 26 51 19 00-0393 | EA | 16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130) | 930.06 | 110.53 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For >50 To 100, Deduct* | *-28.78* | |
| | | *For >100 To 250, Deduct* | *-52.03* | |
| | | *For >250 To 500, Deduct* | *-93.01* | |
| | | *For >500, Deduct* | *-133.98* | |
| 26 51 19 00-0394 | EA | 20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160) | 1,054.09 | 110.53 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For >50 To 100, Deduct* | *-31.88* | |
| | | *For >100 To 250, Deduct* | *-58.23* | |
| | | *For >250 To 500, Deduct* | *-105.41* | |
| | | *For >500, Deduct* | *-152.59* | |
| 26 51 19 00-0395 | EA | 50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400) | 1,968.56 | 110.53 |
| | | *For >50 To 100, Deduct* | *-54.74* | |
| | | *For >100 To 250, Deduct* | *-103.95* | |
| | | *For >250 To 500, Deduct* | *-196.86* | |
| | | *For >500, Deduct* | *-289.76* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0396 | EA | 57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500) | 2,131.46 | 110.53 |
| | | *For >50 To 100, Deduct* | *-58.81* | |
| | | *For >100 To 250, Deduct* | *-112.10* | |
| | | *For >250 To 500, Deduct* | *-213.15* | |
| | | *For >500, Deduct* | *-314.19* | |
| 26 51 19 00-0397 | EA | 80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640) | 3,249.83 | 110.53 |
| | | *For >50 To 100, Deduct* | *-86.77* | |
| | | *For >100 To 250, Deduct* | *-168.02* | |
| | | *For >250 To 500, Deduct* | *-324.98* | |
| | | *For >500, Deduct* | *-481.95* | |

26 51 19 00-0398 Wet/Hazardous Location, LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0399 Wet Location, LED Fixtures *(26 51 19 00-0398)*

26 51 19 00-0400 Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 19 00-0399)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0401 | EA | 3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L) | 2,289.53 | 84.41 |
| | | *For Ceiling Mount, Add* | *20.04* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Stanchion Mount, Add* | *136.70* | |
| | | *For Wall Mount, Add* | *151.31* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-60.76* | |
| | | *For >100 To 250, Deduct* | *-117.99* | |
| | | *For >250 To 500, Deduct* | *-228.95* | |
| | | *For >500, Deduct* | *-339.91* | |
| 26 51 19 00-0402 | EA | 5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L) | 2,333.45 | 90.43 |
| | | *For Ceiling Mount, Add* | *20.04* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Stanchion Mount, Add* | *136.70* | |
| | | *For Wall Mount, Add* | *151.31* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-62.10* | |
| | | *For >100 To 250, Deduct* | *-120.44* | |
| | | *For >250 To 500, Deduct* | *-233.35* | |
| | | *For >500, Deduct* | *-346.25* | |
| 26 51 19 00-0403 | EA | 7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L) | 2,635.04 | 96.47 |
| | | *For Ceiling Mount, Add* | *20.04* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Stanchion Mount, Add* | *136.70* | |
| | | *For Wall Mount, Add* | *151.31* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-69.90* | |
| | | *For >100 To 250, Deduct* | *-135.77* | |
| | | *For >250 To 500, Deduct* | *-263.50* | |
| | | *For >500, Deduct* | *-391.24* | |
| 26 51 19 00-0404 | EA | 9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L) | 3,173.12 | 102.50 |
| | | *For Ceiling Mount, Add* | *20.04* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Stanchion Mount, Add* | *136.70* | |
| | | *For Wall Mount, Add* | *151.31* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-83.60* | |
| | | *For >100 To 250, Deduct* | *-162.93* | |
| | | *For >250 To 500, Deduct* | *-317.31* | |
| | | *For >500, Deduct* | *-471.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0405 | EA | 11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L) | 4,049.00 | 108.52 |
| | | *For Ceiling Mount, Add* | *20.04* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Stanchion Mount, Add* | *136.70* | |
| | | *For Wall Mount, Add* | *151.31* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-105.75* | |
| | | *For >100 To 250, Deduct* | *-206.97* | |
| | | *For >250 To 500, Deduct* | *-404.90* | |
| | | *For >500, Deduct* | *-602.83* | |
| 26 51 19 00-0406 | EA | 13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L) | 5,330.82 | 111.54 |
| | | *For Ceiling Mount, Add* | *20.04* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Stanchion Mount, Add* | *136.70* | |
| | | *For Wall Mount, Add* | *151.31* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-137.92* | |
| | | *For >100 To 250, Deduct* | *-271.19* | |
| | | *For >250 To 500, Deduct* | *-533.08* | |
| | | *For >500, Deduct* | *-794.98* | |
| 26 51 19 00-0407 | EA | 18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L) | 6,175.48 | 114.55 |
| | | *For Ceiling Mount, Add* | *20.04* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Stanchion Mount, Add* | *136.70* | |
| | | *For Wall Mount, Add* | *151.31* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-159.16* | |
| | | *For >100 To 250, Deduct* | *-313.55* | |
| | | *For >250 To 500, Deduct* | *-617.55* | |
| | | *For >500, Deduct* | *-921.55* | |
| 26 51 19 00-0408 | | Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 19 00-0399)* | | |
| | | Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing. | | |
| 26 51 19 00-0409 | EA | 5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L) | 2,061.96 | 90.43 |
| | | *For Bolt-On Visor, Add* | *109.09* | |
| | | *For Bolt-On Wire Guard, Add* | *224.37* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For >50 To 100, Deduct* | *-55.32* | |
| | | *For >100 To 250, Deduct* | *-106.87* | |
| | | *For >250 To 500, Deduct* | *-206.20* | |
| | | *For >500, Deduct* | *-305.53* | |
| 26 51 19 00-0410 | EA | 7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L) | 3,046.40 | 96.47 |
| | | *For Bolt-On Visor, Add* | *109.09* | |
| | | *For Bolt-On Wire Guard, Add* | *224.37* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For >50 To 100, Deduct* | *-80.18* | |
| | | *For >100 To 250, Deduct* | *-156.34* | |
| | | *For >250 To 500, Deduct* | *-304.64* | |
| | | *For >500, Deduct* | *-452.94* | |
| 26 51 19 00-0411 | EA | 9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L) | 3,359.28 | 102.50 |
| | | *For Bolt-On Visor, Add* | *109.09* | |
| | | *For Bolt-On Wire Guard, Add* | *224.37* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For >50 To 100, Deduct* | *-88.25* | |
| | | *For >100 To 250, Deduct* | *-172.23* | |
| | | *For >250 To 500, Deduct* | *-335.93* | |
| | | *For >500, Deduct* | *-499.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0412 | EA | 11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L) | 3,857.74 | 108.52 |
| | | *For Bolt-On Visor, Add* | *109.09* | |
| | | *For Bolt-On Wire Guard, Add* | *224.37* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For >50 To 100, Deduct* | *-100.97* | |
| | | *For >100 To 250, Deduct* | *-197.41* | |
| | | *For >250 To 500, Deduct* | *-385.77* | |
| | | *For >500, Deduct* | *-574.14* | |

## 26 51 19 00-0413 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 19 00-0399)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0414 | EA | 1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC) | 1,428.03 | 84.41 |
| | | *For 12/24 Volt DC Driver, Add* | *31.00* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For 55 Degree Ambient Suitability (AC Only), Add* | *42.21* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Ceiling Mount, Add* | *96.32* | |
| | | *For Wall Mount, Add* | *139.69* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For Wall Mount With Junction Box, Add* | *202.93* | |
| | | *For >50 To 100, Deduct* | *-39.22* | |
| | | *For >100 To 250, Deduct* | *-74.92* | |
| | | *For >250 To 500, Deduct* | *-142.80* | |
| | | *For >500, Deduct* | *-210.69* | |

## 26 51 19 00-0415 Ceiling Mounted LED Fixtures *(26 51 19 00-0001)*

## 26 51 19 00-0416 Ceiling Mounted, LED Drum Fixtures (Enertron) *(26 51 19 00-0415)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0417 | EA | 11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30) | 125.31 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.64* | |
| | | *For >100 To 250, Deduct* | *-7.77* | |
| | | *For >250 To 500, Deduct* | *-12.53* | |
| | | *For >500, Deduct* | *-17.29* | |
| 26 51 19 00-0418 | EA | 11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30) | 131.77 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.80* | |
| | | *For >100 To 250, Deduct* | *-8.10* | |
| | | *For >250 To 500, Deduct* | *-13.18* | |
| | | *For >500, Deduct* | *-18.26* | |
| 26 51 19 00-0419 | EA | 11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30) | 138.22 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.96* | |
| | | *For >100 To 250, Deduct* | *-8.42* | |
| | | *For >250 To 500, Deduct* | *-13.82* | |
| | | *For >500, Deduct* | *-19.23* | |
| 26 51 19 00-0420 | EA | 11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30) | 144.68 | 40.19 |
| | | *For >50 To 100, Deduct* | *-5.12* | |
| | | *For >100 To 250, Deduct* | *-8.74* | |
| | | *For >250 To 500, Deduct* | *-14.47* | |
| | | *For >500, Deduct* | *-20.19* | |
| 26 51 19 00-0421 | EA | 14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30) | 138.03 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.11* | |
| | | *For >100 To 250, Deduct* | *-8.56* | |
| | | *For >250 To 500, Deduct* | *-13.80* | |
| | | *For >500, Deduct* | *-19.05* | |
| 26 51 19 00-0422 | EA | 14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30) | 144.48 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.27* | |
| | | *For >100 To 250, Deduct* | *-8.88* | |
| | | *For >250 To 500, Deduct* | *-14.45* | |
| | | *For >500, Deduct* | *-20.01* | |
| 26 51 19 00-0423 | EA | 14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30) | 150.94 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.43* | |
| | | *For >100 To 250, Deduct* | *-9.21* | |
| | | *For >250 To 500, Deduct* | *-15.09* | |
| | | *For >500, Deduct* | *-20.98* | |
| 26 51 19 00-0424 | EA | 14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30) | 157.40 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.59* | |
| | | *For >100 To 250, Deduct* | *-9.53* | |
| | | *For >250 To 500, Deduct* | *-15.74* | |
| | | *For >500, Deduct* | *-21.95* | |
| 26 51 19 00-0425 | EA | 14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30) | 170.31 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.92* | |
| | | *For >100 To 250, Deduct* | *-10.17* | |
| | | *For >250 To 500, Deduct* | *-17.03* | |
| | | *For >500, Deduct* | *-23.89* | |
| 26 51 19 00-0426 | EA | 11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35) | 125.31 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.64* | |
| | | *For >100 To 250, Deduct* | *-7.77* | |
| | | *For >250 To 500, Deduct* | *-12.53* | |
| | | *For >500, Deduct* | *-17.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0427 | EA | 11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35) | 131.77 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.80* | |
| | | *For >100 To 250, Deduct* | *-8.10* | |
| | | *For >250 To 500, Deduct* | *-13.18* | |
| | | *For >500, Deduct* | *-18.26* | |
| 26 51 19 00-0428 | EA | 11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35) | 138.22 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.96* | |
| | | *For >100 To 250, Deduct* | *-8.42* | |
| | | *For >250 To 500, Deduct* | *-13.82* | |
| | | *For >500, Deduct* | *-19.23* | |
| 26 51 19 00-0429 | EA | 11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35) | 144.68 | 40.19 |
| | | *For >50 To 100, Deduct* | *-5.12* | |
| | | *For >100 To 250, Deduct* | *-8.74* | |
| | | *For >250 To 500, Deduct* | *-14.47* | |
| | | *For >500, Deduct* | *-20.19* | |
| 26 51 19 00-0430 | EA | 14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35) | 138.03 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.11* | |
| | | *For >100 To 250, Deduct* | *-8.56* | |
| | | *For >250 To 500, Deduct* | *-13.80* | |
| | | *For >500, Deduct* | *-19.05* | |
| 26 51 19 00-0431 | EA | 14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35) | 144.48 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.27* | |
| | | *For >100 To 250, Deduct* | *-8.88* | |
| | | *For >250 To 500, Deduct* | *-14.45* | |
| | | *For >500, Deduct* | *-20.01* | |
| 26 51 19 00-0432 | EA | 14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35) | 150.94 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.43* | |
| | | *For >100 To 250, Deduct* | *-9.21* | |
| | | *For >250 To 500, Deduct* | *-15.09* | |
| | | *For >500, Deduct* | *-20.98* | |
| 26 51 19 00-0433 | EA | 14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35) | 157.40 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.59* | |
| | | *For >100 To 250, Deduct* | *-9.53* | |
| | | *For >250 To 500, Deduct* | *-15.74* | |
| | | *For >500, Deduct* | *-21.95* | |
| 26 51 19 00-0434 | EA | 14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30) | 170.31 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.92* | |
| | | *For >100 To 250, Deduct* | *-10.17* | |
| | | *For >250 To 500, Deduct* | *-17.03* | |
| | | *For >500, Deduct* | *-23.89* | |
| 26 51 19 00-0435 | EA | 11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40) | 125.31 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.64* | |
| | | *For >100 To 250, Deduct* | *-7.77* | |
| | | *For >250 To 500, Deduct* | *-12.53* | |
| | | *For >500, Deduct* | *-17.29* | |
| 26 51 19 00-0436 | EA | 11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40) | 131.77 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.80* | |
| | | *For >100 To 250, Deduct* | *-8.10* | |
| | | *For >250 To 500, Deduct* | *-13.18* | |
| | | *For >500, Deduct* | *-18.26* | |
| 26 51 19 00-0437 | EA | 11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40) | 138.22 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.96* | |
| | | *For >100 To 250, Deduct* | *-8.42* | |
| | | *For >250 To 500, Deduct* | *-13.82* | |
| | | *For >500, Deduct* | *-19.23* | |
| 26 51 19 00-0438 | EA | 11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40) | 144.68 | 40.19 |
| | | *For >50 To 100, Deduct* | *-5.12* | |
| | | *For >100 To 250, Deduct* | *-8.74* | |
| | | *For >250 To 500, Deduct* | *-14.47* | |
| | | *For >500, Deduct* | *-20.19* | |
| 26 51 19 00-0439 | EA | 14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40) | 138.03 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.11* | |
| | | *For >100 To 250, Deduct* | *-8.56* | |
| | | *For >250 To 500, Deduct* | *-13.80* | |
| | | *For >500, Deduct* | *-19.05* | |
| 26 51 19 00-0440 | EA | 14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40) | 144.48 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.27* | |
| | | *For >100 To 250, Deduct* | *-8.88* | |
| | | *For >250 To 500, Deduct* | *-14.45* | |
| | | *For >500, Deduct* | *-20.01* | |
| 26 51 19 00-0441 | EA | 14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40) | 150.94 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.43* | |
| | | *For >100 To 250, Deduct* | *-9.21* | |
| | | *For >250 To 500, Deduct* | *-15.09* | |
| | | *For >500, Deduct* | *-20.98* | |
| 26 51 19 00-0442 | EA | 14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40) | 157.40 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.59* | |
| | | *For >100 To 250, Deduct* | *-9.53* | |
| | | *For >250 To 500, Deduct* | *-15.74* | |
| | | *For >500, Deduct* | *-21.95* | |
| 26 51 19 00-0443 | EA | 14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40) | 170.31 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.92* | |
| | | *For >100 To 250, Deduct* | *-10.17* | |
| | | *For >250 To 500, Deduct* | *-17.03* | |
| | | *For >500, Deduct* | *-23.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0444 | EA | 11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50) | 125.31 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.64* | |
| | | *For >100 To 250, Deduct* | *-7.77* | |
| | | *For >250 To 500, Deduct* | *-12.53* | |
| | | *For >500, Deduct* | *-17.29* | |
| 26 51 19 00-0445 | EA | 11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50) | 131.77 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.80* | |
| | | *For >100 To 250, Deduct* | *-8.10* | |
| | | *For >250 To 500, Deduct* | *-13.18* | |
| | | *For >500, Deduct* | *-18.26* | |
| 26 51 19 00-0446 | EA | 11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50) | 138.22 | 40.19 |
| | | *For >50 To 100, Deduct* | *-4.96* | |
| | | *For >100 To 250, Deduct* | *-8.42* | |
| | | *For >250 To 500, Deduct* | *-13.82* | |
| | | *For >500, Deduct* | *-19.23* | |
| 26 51 19 00-0447 | EA | 11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50) | 144.68 | 40.19 |
| | | *For >50 To 100, Deduct* | *-5.12* | |
| | | *For >100 To 250, Deduct* | *-8.74* | |
| | | *For >250 To 500, Deduct* | *-14.47* | |
| | | *For >500, Deduct* | *-20.19* | |
| 26 51 19 00-0448 | EA | 14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40) | 138.03 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.11* | |
| | | *For >100 To 250, Deduct* | *-8.56* | |
| | | *For >250 To 500, Deduct* | *-13.80* | |
| | | *For >500, Deduct* | *-19.05* | |
| 26 51 19 00-0449 | EA | 14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40) | 144.48 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.27* | |
| | | *For >100 To 250, Deduct* | *-8.88* | |
| | | *For >250 To 500, Deduct* | *-14.45* | |
| | | *For >500, Deduct* | *-20.01* | |
| 26 51 19 00-0450 | EA | 14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40) | 150.94 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.43* | |
| | | *For >100 To 250, Deduct* | *-9.21* | |
| | | *For >250 To 500, Deduct* | *-15.09* | |
| | | *For >500, Deduct* | *-20.98* | |
| 26 51 19 00-0451 | EA | 14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40) | 157.40 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.59* | |
| | | *For >100 To 250, Deduct* | *-9.53* | |
| | | *For >250 To 500, Deduct* | *-15.74* | |
| | | *For >500, Deduct* | *-21.95* | |
| 26 51 19 00-0452 | EA | 14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40) | 170.31 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.92* | |
| | | *For >100 To 250, Deduct* | *-10.17* | |
| | | *For >250 To 500, Deduct* | *-17.03* | |
| | | *For >500, Deduct* | *-23.89* | |
| 26 51 19 00-0453 | EA | 19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30) | 175.10 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.19* | |
| | | *For >100 To 250, Deduct* | *-10.56* | |
| | | *For >250 To 500, Deduct* | *-17.51* | |
| | | *For >500, Deduct* | *-24.46* | |
| 26 51 19 00-0454 | EA | 19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30) | 189.77 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.55* | |
| | | *For >100 To 250, Deduct* | *-11.30* | |
| | | *For >250 To 500, Deduct* | *-18.98* | |
| | | *For >500, Deduct* | *-26.66* | |
| 26 51 19 00-0455 | EA | 19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30) | 186.19 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.46* | |
| | | *For >100 To 250, Deduct* | *-11.12* | |
| | | *For >250 To 500, Deduct* | *-18.62* | |
| | | *For >500, Deduct* | *-26.12* | |
| 26 51 19 00-0456 | EA | 19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30) | 186.14 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.46* | |
| | | *For >100 To 250, Deduct* | *-11.12* | |
| | | *For >250 To 500, Deduct* | *-18.61* | |
| | | *For >500, Deduct* | *-26.11* | |
| 26 51 19 00-0457 | EA | 19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30) | 202.68 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.88* | |
| | | *For >100 To 250, Deduct* | *-11.94* | |
| | | *For >250 To 500, Deduct* | *-20.27* | |
| | | *For >500, Deduct* | *-28.59* | |
| 26 51 19 00-0458 | EA | 19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30) | 197.34 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.74* | |
| | | *For >100 To 250, Deduct* | *-11.68* | |
| | | *For >250 To 500, Deduct* | *-19.73* | |
| | | *For >500, Deduct* | *-27.79* | |
| 26 51 19 00-0459 | EA | 19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30) | 219.70 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.30* | |
| | | *For >100 To 250, Deduct* | *-12.79* | |
| | | *For >250 To 500, Deduct* | *-21.97* | |
| | | *For >500, Deduct* | *-31.15* | |
| 26 51 19 00-0460 | EA | 19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30) | 212.42 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-12.43* | |
| | | *For >250 To 500, Deduct* | *-21.24* | |
| | | *For >500, Deduct* | *-30.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0461 | EA | 19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30) | 212.48 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-12.43* | |
| | | *For >250 To 500, Deduct* | *-21.25* | |
| | | *For >500, Deduct* | *-30.06* | |
| 26 51 19 00-0462 | EA | 19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35) | 175.10 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.19* | |
| | | *For >100 To 250, Deduct* | *-10.56* | |
| | | *For >250 To 500, Deduct* | *-17.51* | |
| | | *For >500, Deduct* | *-24.46* | |
| 26 51 19 00-0463 | EA | 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35) | 189.77 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.55* | |
| | | *For >100 To 250, Deduct* | *-11.30* | |
| | | *For >250 To 500, Deduct* | *-18.98* | |
| | | *For >500, Deduct* | *-26.66* | |
| 26 51 19 00-0464 | EA | 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35) | 186.19 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.46* | |
| | | *For >100 To 250, Deduct* | *-11.12* | |
| | | *For >250 To 500, Deduct* | *-18.62* | |
| | | *For >500, Deduct* | *-26.12* | |
| 26 51 19 00-0465 | EA | 19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35) | 186.14 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.46* | |
| | | *For >100 To 250, Deduct* | *-11.12* | |
| | | *For >250 To 500, Deduct* | *-18.61* | |
| | | *For >500, Deduct* | *-26.11* | |
| 26 51 19 00-0466 | EA | 19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30) | 202.68 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.88* | |
| | | *For >100 To 250, Deduct* | *-11.94* | |
| | | *For >250 To 500, Deduct* | *-20.27* | |
| | | *For >500, Deduct* | *-28.59* | |
| 26 51 19 00-0467 | EA | 19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30) | 197.34 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.74* | |
| | | *For >100 To 250, Deduct* | *-11.68* | |
| | | *For >250 To 500, Deduct* | *-19.73* | |
| | | *For >500, Deduct* | *-27.79* | |
| 26 51 19 00-0468 | EA | 19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30) | 219.70 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.30* | |
| | | *For >100 To 250, Deduct* | *-12.79* | |
| | | *For >250 To 500, Deduct* | *-21.97* | |
| | | *For >500, Deduct* | *-31.15* | |
| 26 51 19 00-0469 | EA | 19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35) | 212.42 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-12.43* | |
| | | *For >250 To 500, Deduct* | *-21.24* | |
| | | *For >500, Deduct* | *-30.05* | |
| 26 51 19 00-0470 | EA | 19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35) | 212.48 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-12.43* | |
| | | *For >250 To 500, Deduct* | *-21.25* | |
| | | *For >500, Deduct* | *-30.06* | |
| 26 51 19 00-0471 | EA | 19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40) | 175.10 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.19* | |
| | | *For >100 To 250, Deduct* | *-10.56* | |
| | | *For >250 To 500, Deduct* | *-17.51* | |
| | | *For >500, Deduct* | *-24.46* | |
| 26 51 19 00-0472 | EA | 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35) | 189.77 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.55* | |
| | | *For >100 To 250, Deduct* | *-11.30* | |
| | | *For >250 To 500, Deduct* | *-18.98* | |
| | | *For >500, Deduct* | *-26.66* | |
| 26 51 19 00-0473 | EA | 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35) | 186.19 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.46* | |
| | | *For >100 To 250, Deduct* | *-11.12* | |
| | | *For >250 To 500, Deduct* | *-18.62* | |
| | | *For >500, Deduct* | *-26.12* | |
| 26 51 19 00-0474 | EA | 19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40) | 186.14 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.46* | |
| | | *For >100 To 250, Deduct* | *-11.12* | |
| | | *For >250 To 500, Deduct* | *-18.61* | |
| | | *For >500, Deduct* | *-26.11* | |
| 26 51 19 00-0475 | EA | 19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30) | 202.68 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.88* | |
| | | *For >100 To 250, Deduct* | *-11.94* | |
| | | *For >250 To 500, Deduct* | *-20.27* | |
| | | *For >500, Deduct* | *-28.59* | |
| 26 51 19 00-0476 | EA | 19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30) | 197.34 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.74* | |
| | | *For >100 To 250, Deduct* | *-11.68* | |
| | | *For >250 To 500, Deduct* | *-19.73* | |
| | | *For >500, Deduct* | *-27.79* | |
| 26 51 19 00-0477 | EA | 19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30) | 219.70 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.30* | |
| | | *For >100 To 250, Deduct* | *-12.79* | |
| | | *For >250 To 500, Deduct* | *-21.97* | |
| | | *For >500, Deduct* | *-31.15* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0478 | EA | 19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40) | 212.42 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-12.43* | |
| | | *For >250 To 500, Deduct* | *-21.24* | |
| | | *For >500, Deduct* | *-30.05* | |
| 26 51 19 00-0479 | EA | 19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40) | 212.48 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-12.43* | |
| | | *For >250 To 500, Deduct* | *-21.25* | |
| | | *For >500, Deduct* | *-30.06* | |
| 26 51 19 00-0480 | EA | 19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50) | 175.10 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.19* | |
| | | *For >100 To 250, Deduct* | *-10.56* | |
| | | *For >250 To 500, Deduct* | *-17.51* | |
| | | *For >500, Deduct* | *-24.46* | |
| 26 51 19 00-0481 | EA | 19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35) | 189.77 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.55* | |
| | | *For >100 To 250, Deduct* | *-11.30* | |
| | | *For >250 To 500, Deduct* | *-18.98* | |
| | | *For >500, Deduct* | *-26.66* | |
| 26 51 19 00-0482 | EA | 19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50) | 186.19 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.46* | |
| | | *For >100 To 250, Deduct* | *-11.12* | |
| | | *For >250 To 500, Deduct* | *-18.62* | |
| | | *For >500, Deduct* | *-26.12* | |
| 26 51 19 00-0483 | EA | 19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50) | 186.14 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.46* | |
| | | *For >100 To 250, Deduct* | *-11.12* | |
| | | *For >250 To 500, Deduct* | *-18.61* | |
| | | *For >500, Deduct* | *-26.11* | |
| 26 51 19 00-0484 | EA | 19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30) | 202.68 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.88* | |
| | | *For >100 To 250, Deduct* | *-11.94* | |
| | | *For >250 To 500, Deduct* | *-20.27* | |
| | | *For >500, Deduct* | *-28.59* | |
| 26 51 19 00-0485 | EA | 19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30) | 197.34 | 47.73 |
| | | *For >50 To 100, Deduct* | *-6.74* | |
| | | *For >100 To 250, Deduct* | *-11.68* | |
| | | *For >250 To 500, Deduct* | *-19.73* | |
| | | *For >500, Deduct* | *-27.79* | |
| 26 51 19 00-0486 | EA | 19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30) | 219.70 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.30* | |
| | | *For >100 To 250, Deduct* | *-12.79* | |
| | | *For >250 To 500, Deduct* | *-21.97* | |
| | | *For >500, Deduct* | *-31.15* | |
| 26 51 19 00-0487 | EA | 19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50) | 212.42 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-12.43* | |
| | | *For >250 To 500, Deduct* | *-21.24* | |
| | | *For >500, Deduct* | *-30.05* | |
| 26 51 19 00-0488 | EA | 19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50) | 212.48 | 47.73 |
| | | *For >50 To 100, Deduct* | *-7.12* | |
| | | *For >100 To 250, Deduct* | *-12.43* | |
| | | *For >250 To 500, Deduct* | *-21.25* | |
| | | *For >500, Deduct* | *-30.06* | |

## 26 51 19 00-0489 Ceiling Mounted, LED Mushroom Fixtures (Mobern) *(26 51 19 00-0415)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0490 | EA | 14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30) | 167.49 | 44.21 |
| | | *For >50 To 100, Deduct* | *-5.85* | |
| | | *For >100 To 250, Deduct* | *-10.03* | |
| | | *For >250 To 500, Deduct* | *-16.75* | |
| | | *For >500, Deduct* | *-23.47* | |

## 26 51 19 00-0491 Ceiling Mounted, LED Fixtures (Sylvania) *(26 51 19 00-0415)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0492 | EA | 12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D) | 617.73 | 47.73 |
| | | *For >50 To 100, Deduct* | *-17.25* | |
| | | *For >100 To 250, Deduct* | *-32.70* | |
| | | *For >250 To 500, Deduct* | *-61.77* | |
| | | *For >500, Deduct* | *-90.85* | |
| 26 51 19 00-0493 | EA | 2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMKIT1A/24A/WH) | 238.78 | 40.19 |
| | | *For >50 To 100, Deduct* | *-7.48* | |
| | | *For >100 To 250, Deduct* | *-13.45* | |
| | | *For >250 To 500, Deduct* | *-23.88* | |
| | | *For >500, Deduct* | *-34.31* | |
| 26 51 19 00-0494 | EA | 2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMKIT1A/24A/WH) | 297.09 | 46.82 |
| | | *For >50 To 100, Deduct* | *-9.19* | |
| | | *For >100 To 250, Deduct* | *-16.61* | |
| | | *For >250 To 500, Deduct* | *-29.71* | |
| | | *For >500, Deduct* | *-42.81* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0495 | EA | 2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMKIT1A/24A/WH) | 300.55 | 46.82 |
| | | *For >50 To 100, Deduct* | *-9.27* | |
| | | *For >100 To 250, Deduct* | *-16.79* | |
| | | *For >250 To 500, Deduct* | *-30.06* | |
| | | *For >500, Deduct* | *-43.32* | |

## 26 51 19 00-0496 Refrigeration/Display LED Fixtures *(26 51 19 00-0001)*

## 26 51 19 00-0497 Refrigeration/Display LED Fixtures (Lithonia) *(26 51 19 00-0496)*

Note: Fixtures exclude driver.

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0498 | EA | 5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM) | 259.45 | 46.82 |
| | | *For >50 To 100, Deduct* | *-8.24* | |
| | | *For >100 To 250, Deduct* | *-14.73* | |
| | | *For >250 To 500, Deduct* | *-25.95* | |
| | | *For >500, Deduct* | *-37.16* | |
| 26 51 19 00-0499 | EA | 5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC) | 339.05 | 82.90 |
| | | *For >50 To 100, Deduct* | *-11.62* | |
| | | *For >100 To 250, Deduct* | *-20.09* | |
| | | *For >250 To 500, Deduct* | *-33.91* | |
| | | *For >500, Deduct* | *-47.72* | |
| 26 51 19 00-0500 | EA | Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL) | 312.03 | 66.32 |
| | | *For >50 To 100, Deduct* | *-10.31* | |
| | | *For >100 To 250, Deduct* | *-18.11* | |
| | | *For >250 To 500, Deduct* | *-31.20* | |
| | | *For >500, Deduct* | *-44.29* | |

## 26 51 19 00-0501 Pendant Mount, LED Fixtures *(26 51 19 00-0001)*

## 26 51 19 00-0502 Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) *(26 51 19 00-0501)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0503 | EA | 2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S) | 2,272.69 | 102.50 |
| | | *For >50 To 100, Deduct* | *-61.09* | |
| | | *For >100 To 250, Deduct* | *-117.91* | |
| | | *For >250 To 500, Deduct* | *-227.27* | |
| | | *For >500, Deduct* | *-336.63* | |
| 26 51 19 00-0504 | EA | 3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S) | 3,431.88 | 108.52 |
| | | *For >50 To 100, Deduct* | *-90.32* | |
| | | *For >100 To 250, Deduct* | *-176.12* | |
| | | *For >250 To 500, Deduct* | *-343.19* | |
| | | *For >500, Deduct* | *-510.26* | |
| 26 51 19 00-0505 | EA | 4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S) | 4,382.59 | 114.55 |
| | | *For >50 To 100, Deduct* | *-114.34* | |
| | | *For >100 To 250, Deduct* | *-223.90* | |
| | | *For >250 To 500, Deduct* | *-438.26* | |
| | | *For >500, Deduct* | *-652.62* | |
| 26 51 19 00-0506 | EA | 5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S) | 5,541.77 | 120.58 |
| | | *For >50 To 100, Deduct* | *-143.57* | |
| | | *For >100 To 250, Deduct* | *-282.11* | |
| | | *For >250 To 500, Deduct* | *-554.18* | |
| | | *For >500, Deduct* | *-826.24* | |
| 26 51 19 00-0507 | EA | 2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S) | 2,410.52 | 102.50 |
| | | *For >50 To 100, Deduct* | *-64.53* | |
| | | *For >100 To 250, Deduct* | *-124.80* | |
| | | *For >250 To 500, Deduct* | *-241.05* | |
| | | *For >500, Deduct* | *-357.31* | |
| 26 51 19 00-0508 | EA | 3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S) | 3,614.50 | 108.52 |
| | | *For >50 To 100, Deduct* | *-94.88* | |
| | | *For >100 To 250, Deduct* | *-185.25* | |
| | | *For >250 To 500, Deduct* | *-361.45* | |
| | | *For >500, Deduct* | *-537.65* | |
| 26 51 19 00-0509 | EA | 4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S) | 4,566.93 | 114.55 |
| | | *For >50 To 100, Deduct* | *-118.95* | |
| | | *For >100 To 250, Deduct* | *-233.12* | |
| | | *For >250 To 500, Deduct* | *-456.69* | |
| | | *For >500, Deduct* | *-680.27* | |
| 26 51 19 00-0510 | EA | 5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S) | 5,748.51 | 120.58 |
| | | *For >50 To 100, Deduct* | *-148.74* | |
| | | *For >100 To 250, Deduct* | *-292.45* | |
| | | *For >250 To 500, Deduct* | *-574.85* | |
| | | *For >500, Deduct* | *-857.25* | |

## 26 51 19 00-0511 Pendant Mount, LED Commercial Fixtures (DMF) *(26 51 19 00-0501)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 19 00-0512 | EA | 3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED) | 880.93 | 60.29 |
| | | *For >50 To 100, Deduct* | *-24.54* | |
| | | *For >100 To 250, Deduct* | *-46.56* | |
| | | *For >250 To 500, Deduct* | *-88.09* | |
| | | *For >500, Deduct* | *-129.63* | |

### 26 51 19 00-0513 LED Track Lighting Fixtures *(26 51 19)*

| | | | | |
|---|---|---|---|---|
| 26 51 19 00-0514 | EA | 19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™) | 185.16 | 18.36 |
| | | *For >50 To 100, Deduct* | *-5.32* | |
| | | *For >100 To 250, Deduct* | *-9.95* | |
| | | *For >250 To 500, Deduct* | *-18.52* | |
| | | *For >500, Deduct* | *-27.09* | |
| 26 51 19 00-0515 | EA | 18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED) | 322.46 | 18.36 |
| | | *For >50 To 100, Deduct* | *-8.75* | |
| | | *For >100 To 250, Deduct* | *-16.81* | |
| | | *For >250 To 500, Deduct* | *-32.25* | |
| | | *For >500, Deduct* | *-47.68* | |
| 26 51 19 00-0516 | EA | 24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33) | 190.38 | 18.36 |
| | | *For >50 To 100, Deduct* | *-5.45* | |
| | | *For >100 To 250, Deduct* | *-10.21* | |
| | | *For >250 To 500, Deduct* | *-19.04* | |
| | | *For >500, Deduct* | *-27.87* | |

## 26 51 23 HID Interior Lighting *(26 51)*

### 26 51 23 00-0001 Large Interior Area Fixtures *(26 51 23)*

### 26 51 23 00-0002 Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.

### 26 51 23 00-0003 High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0004 | EA | 150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture | 339.41 | 117.26 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| 26 51 23 00-0005 | EA | 250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture | 354.61 | 124.51 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| 26 51 23 00-0006 | EA | 400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture | 376.78 | 142.11 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |

### 26 51 23 00-0007 Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0008 | EA | 150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture | 347.74 | 117.26 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| 26 51 23 00-0009 | EA | 250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture | 357.76 | 124.51 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| 26 51 23 00-0010 | EA | 400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture | 388.78 | 142.11 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |

### 26 51 23 00-0011 Low Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.

### 26 51 23 00-0012 High Pressure Sodium, Low Bay Fixtures *(26 51 23 00-0011)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0013 | EA | 150 Watt High Pressure Sodium, Low Bay Fixture | 373.33 | 107.12 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Enclosed And Gasketed, Add* | *75.47* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| 26 51 23 00-0014 | EA | 250 Watt High Pressure Sodium, Low Bay Fixture | 384.62 | 113.75 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Enclosed And Gasketed, Add* | *75.47* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| 26 51 23 00-0015 | EA | 400 Watt High Pressure Sodium, Low Bay Fixture | 409.78 | 129.82 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Enclosed And Gasketed, Add* | *75.47* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |

### 26 51 23 00-0016 Metal Halide, Low Bay Fixtures *(26 51 23 00-0011)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0017 | EA | 175 Watt Metal Halide, Low Bay Fixture | 372.27 | 107.12 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Enclosed And Gasketed, Add* | *75.47* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 23 00-0018 | EA | 250 Watt Metal Halide, Low Bay Fixture | 382.85 | 113.75 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Enclosed And Gasketed, Add* | *75.47* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| 26 51 23 00-0019 | EA | 400 Watt Metal Halide, Low Bay Fixture | 417.60 | 129.82 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Enclosed And Gasketed, Add* | *75.47* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |

## 26 51 23 00-0020 High Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.

## 26 51 23 00-0021 High Pressure Sodium, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0022 | EA | 250 Watt High Pressure Sodium, High Bay Fixture | 347.69 | 113.75 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| | | *For Tempered Glass Or Acrylic Lens, Add* | *60.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Security Chain, Add* | *19.34* | |
| | | *For Optical Safety Chain, Add* | *7.47* | |
| | | *For Ballast Safety Chain, Add* | *12.13* | |
| 26 51 23 00-0023 | EA | 400 Watt High Pressure Sodium, High Bay Fixture | 376.75 | 129.82 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| | | *For Tempered Glass Or Acrylic Lens, Add* | *60.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Security Chain, Add* | *19.34* | |
| | | *For Optical Safety Chain, Add* | *7.47* | |
| | | *For Ballast Safety Chain, Add* | *12.13* | |
| 26 51 23 00-0024 | EA | 1,000 Watt High Pressure Sodium, High Bay Fixture | 543.92 | 136.56 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| | | *For Tempered Glass Or Acrylic Lens, Add* | *60.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Security Chain, Add* | *19.34* | |
| | | *For Optical Safety Chain, Add* | *7.47* | |
| | | *For Ballast Safety Chain, Add* | *12.13* | |

## 26 51 23 00-0025 Metal Halide, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0026 | EA | 250 Watt Metal Halide, High Bay Fixture | 328.57 | 113.75 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| | | *For Tempered Glass Or Acrylic Lens, Add* | *60.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Security Chain, Add* | *19.34* | |
| | | *For Optical Safety Chain, Add* | *7.47* | |
| | | *For Ballast Safety Chain, Add* | *12.13* | |
| 26 51 23 00-0027 | EA | 400 Watt Metal Halide, High Bay Fixture | 363.18 | 129.82 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| | | *For Tempered Glass Or Acrylic Lens, Add* | *60.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Security Chain, Add* | *19.34* | |
| | | *For Optical Safety Chain, Add* | *7.47* | |
| | | *For Ballast Safety Chain, Add* | *12.13* | |
| 26 51 23 00-0028 | EA | 1,000 Watt Metal Halide, High Bay Fixture | 465.04 | 136.56 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Glass Or Acrylic Reflector, Add* | *90.00* | |
| | | *For Tempered Glass Or Acrylic Lens, Add* | *60.50* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| | | *For Security Chain, Add* | *19.34* | |
| | | *For Optical Safety Chain, Add* | *7.47* | |
| | | *For Ballast Safety Chain, Add* | *12.13* | |

## 26 51 23 00-0029 Induction, High Bay Fixtures *(26 51 23 00-0020)*

## 26 51 23 00-0030 Induction, High Bay Fixtures (Everlast®) *(26 51 23 00-0029)*

Note: Includes die cast aluminum ballast casing and acrylic lens.

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0031 | EA | 100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) | 444.68 | 99.48 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |
| 26 51 23 00-0032 | EA | 120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) | 476.86 | 102.80 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |
| 26 51 23 00-0033 | EA | 150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) | 485.62 | 106.11 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 23 00-0034 | EA | 200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) | 529.02 | 109.43 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |
| 26 51 23 00-0035 | EA | 250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) | 542.47 | 112.75 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |
| 26 51 23 00-0036 | EA | 100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) | 477.44 | 99.48 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |
| 26 51 23 00-0037 | EA | 120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) | 509.62 | 102.80 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |
| 26 51 23 00-0038 | EA | 150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) | 518.38 | 106.11 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |
| 26 51 23 00-0039 | EA | 200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) | 561.78 | 109.43 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |
| 26 51 23 00-0040 | EA | 250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) | 575.24 | 112.75 |
| | | *For Impact Resistant Silicon Lens, Add* | *20.00* | |

### 26 51 23 00-0041 Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.

### 26 51 23 00-0042 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0043 | EA | 100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture | 292.28 | 76.23 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| 26 51 23 00-0044 | EA | 150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture | 590.19 | 76.23 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| 26 51 23 00-0045 | EA | 250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture | 678.17 | 76.23 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| 26 51 23 00-0046 | EA | 400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture | 906.96 | 76.23 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |

### 26 51 23 00-0047 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0048 | EA | 100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture | 286.03 | 76.23 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| 26 51 23 00-0049 | EA | 175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture | 301.87 | 84.59 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| 26 51 23 00-0050 | EA | 250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture | 321.54 | 91.62 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |
| 26 51 23 00-0051 | EA | 400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture | 359.93 | 109.12 |
| | | *For Wire Guard, Add* | *40.50* | |
| | | *For Instant Quartz Restrike, Add* | *60.00* | |
| | | *For Polycarbonate Lens, Add* | *47.75* | |

### 26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings *(26 51 23)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0053 | EA | 4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing | 109.91 | 31.68 |
| | | *For ICAT Housing, Add* | *8.08* | |
| 26 51 23 00-0054 | EA | 5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing | 114.09 | 31.68 |
| | | *For ICAT Housing, Add* | *8.62* | |
| 26 51 23 00-0055 | EA | 6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing | 119.77 | 33.00 |
| | | *For ICAT Housing, Add* | *9.06* | |
| 26 51 23 00-0056 | EA | 7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing | 124.25 | 34.42 |
| | | *For ICAT Housing, Add* | *9.36* | |
| 26 51 23 00-0057 | EA | 8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing | 128.70 | 35.86 |
| | | *For ICAT Housing, Add* | *9.65* | |
| 26 51 23 00-0058 | EA | 10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing | 133.11 | 38.05 |
| | | *For ICAT Housing, Add* | *9.79* | |

### 26 51 23 00-0059 Metal Halide Track Lighting Fixtures *(26 51 23)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0060 | EA | Metal Halide Track Lighting Fixture | 70.36 | 18.36 |

### 26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

| | | | | |
|---|---|---|---|---|
| 26 51 23 00-0062 | EA | 75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 163.20 | 44.00 |
| | | *For Wall Mounted, Add* | *6.30* | |
| 26 51 23 00-0063 | EA | 100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 168.17 | 44.00 |
| | | *For Wall Mounted, Add* | *6.30* | |
| 26 51 23 00-0064 | EA | 150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 178.27 | 44.00 |
| | | *For Wall Mounted, Add* | *6.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 23 00-0065 | EA | 175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 193.45 | 44.00 |
| | | *For Wall Mounted, Add* | *6.30* | |
| 26 51 23 00-0066 | | **High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 23)* | | |
| 26 51 23 00-0067 | EA | 70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 151.36 | 44.00 |
| | | *For Wall Mounted, Add* | *6.67* | |
| 26 51 23 00-0068 | EA | 100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 157.54 | 44.00 |
| | | *For Wall Mounted, Add* | *6.67* | |
| 26 51 23 00-0069 | EA | 150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture | 181.41 | 44.00 |
| | | *For Wall Mounted, Add* | *6.67* | |
| **26 51 33** | | **Interior Lighting Accessories** *(26 51)* | | |
| 26 51 33 00-0001 | | Accessories And Modifiers For Fixtures *(26 51 33)* | | |
| 26 51 33 00-0002 | | Lens Modifications *(26 51 33 00-0001)* | | |
| 26 51 33 00-0003 | EA | For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add | 32.82 | |
| 26 51 33 00-0004 | EA | For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add | 40.54 | |
| 26 51 33 00-0005 | EA | For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add | 42.47 | |
| 26 51 33 00-0006 | EA | For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add | 46.33 | |
| 26 51 33 00-0007 | EA | For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add | 55.98 | |
| 26 51 33 00-0008 | EA | For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add | 13.51 | |
| 26 51 33 00-0009 | EA | For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add | 19.30 | |
| 26 51 33 00-0010 | EA | For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add | 21.24 | |
| 26 51 33 00-0011 | EA | For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add | 25.10 | |
| 26 51 33 00-0012 | | Pendant Mounting Modifications *(26 51 33 00-0001)* | | |
| | | Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly. | | |
| 26 51 33 00-0013 | EA | For Pendant Mounting Up to 1'-6" Long Section | 14.67 | |
| | | Note: Per pendant. | | |
| 26 51 33 00-0014 | EA | For Pendant Mounting 2' Long Section | 16.99 | |
| | | Note: Per pendant. | | |
| 26 51 33 00-0015 | EA | For Pendant Mounting 3' Long Section | 21.74 | |
| | | Note: Per pendant. | | |
| 26 51 33 00-0016 | EA | For Pendant Mounting 4' Long Section | 25.68 | |
| | | Note: Per pendant. | | |
| 26 51 33 00-0017 | EA | For Pendant Mounting 6' Long Section | 32.43 | |
| | | Note: Per pendant. | | |
| 26 51 33 00-0018 | EA | For Pendant Mounting 8' Long Section | 44.02 | |
| | | Note: Per pendant. | | |
| 26 51 33 00-0019 | | Fluorescent Light Accessories *(26 51 33 00-0001)* | | |
| 26 51 33 00-0020 | EA | Blank Metal Light Box Plate | 17.18 | |
| 26 51 33 00-0021 | EA | Factory Installed Fixture Mounted Occupancy Sensor | 148.63 | |
| 26 51 33 00-0022 | | Wire Guards *(26 51 33 00-0001)* | | |
| 26 51 33 00-0023 | EA | Wire Guard for 6" x 2' Fixture | 62.63 | 5.51 |
| 26 51 33 00-0024 | EA | Wire Guard for 6" x 4' Fixture | 87.82 | 8.82 |
| 26 51 33 00-0025 | EA | Wire Guard for 1" x 2' Fixture | 69.92 | 6.06 |
| 26 51 33 00-0026 | EA | Wire Guard for 1" x 4' Fixture | 99.24 | 9.37 |
| 26 51 33 00-0027 | EA | Wire Guard for 2" x 2' Fixture | 85.48 | 6.61 |
| 26 51 33 00-0028 | EA | Wire Guard for 2" x 4' Fixture | 116.85 | 9.92 |
| 26 51 33 00-0029 | | Lighting Accessories *(26 51 33)* | | |
| 26 51 33 00-0030 | | Modular Flexible Wiring Systems *(26 51 33 00-0029)* | | |
| 26 51 33 00-0031 | EA | 10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10) | 90.31 | 5.94 |
| 26 51 33 00-0032 | EA | 15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15) | 106.90 | 5.94 |
| 26 51 33 00-0033 | EA | 20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20) | 129.35 | 5.94 |
| 26 51 33 00-0034 | EA | 15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15) | 106.90 | 5.94 |
| 26 51 33 00-0035 | EA | 3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E) | 88.90 | 5.94 |
| 26 51 33 00-0036 | EA | 13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13) | 134.10 | 5.94 |
| 26 51 33 00-0037 | EA | 3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M) | 72.70 | 5.94 |
| 26 51 33 00-0038 | EA | 3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E) | 82.70 | 5.94 |
| 26 51 33 00-0039 | EA | 7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07) | 107.97 | 5.94 |
| 26 51 33 00-0040 | EA | 7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07) | 107.97 | 5.94 |
| 26 51 33 00-0041 | EA | 7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07) | 109.85 | 5.94 |
| 26 51 33 00-0042 | EA | 7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07) | 109.16 | 5.94 |
| 26 51 33 00-0043 | EA | 7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07) | 109.16 | 5.94 |
| 26 51 33 00-0044 | EA | 15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15) | 125.98 | 5.94 |
| 26 51 33 00-0045 | EA | 3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D) | 55.99 | 5.94 |
| 26 51 33 00-0046 | EA | 3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E) | 52.06 | 5.94 |
| 26 51 33 00-0047 | EA | 3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E) | 53.43 | 5.94 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 51 33 00-0048 | EA | 3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E) | 67.99 | 5.94 |
| 26 51 33 00-0049 | EA | 15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15) | 90.31 | 5.94 |
| 26 51 33 00-0050 | EA | 15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15) | 92.68 | 5.94 |
| 26 51 33 00-0051 | EA | Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E) | 71.61 | 5.94 |
| 26 51 33 00-0052 | EA | 3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E) | 52.06 | 5.94 |
| 26 51 33 00-0053 | EA | Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning | 49.49 | |

### 26 51 33 00-0054 Removal And Reinstallation Of Light Fixtures *(26 51 33)*

Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.

| | | | | |
|---|---|---|---|---|
| 26 51 33 00-0055 | EA | Removal And Reinstallation Of Lay-In Fluorescent Light Fixture | 117.07 | |
| 26 51 33 00-0056 | EA | Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture | 133.78 | |

## 26 52 Safety Lighting *(26 50)*

### 26 52 13 Emergency and Exit Lighting *(26 52)*

### 26 52 13 13 Emergency Lighting *(26 52 13)*

### 26 52 13 13-0001 Commercial Emergency Lights *(26 52 13 13)*

### 26 52 13 13-0002 Polycarbonate Housing, Commercial Emergency Lights *(26 52 13 13-0001)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

| | | | | |
|---|---|---|---|---|
| 26 52 13 13-0003 | EA | 3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED) | 216.90 | 27.50 |
| 26 52 13 13-0004 | EA | 10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2) | 148.85 | 27.50 |
| | | *For Halogen Lamps, Add* | *27.55* | |
| | | *For Self-Diagnostics, Add* | *87.50* | |
| 26 52 13 13-0005 | EA | 18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618) | 237.90 | 27.50 |
| | | *For Halogen Lamps, Add* | *27.55* | |
| | | *For Self-Diagnostics, Add* | *87.50* | |
| 26 52 13 13-0006 | EA | 27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627) | 278.22 | 27.50 |
| | | *For Halogen Lamps, Add* | *27.55* | |
| | | *For Self-Diagnostics, Add* | *87.50* | |
| 26 52 13 13-0007 | EA | 54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654) | 416.77 | 27.50 |
| | | *For Halogen Lamps, Add* | *27.55* | |
| | | *For Self-Diagnostics, Add* | *87.50* | |
| 26 52 13 13-0008 | EA | 54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254) | 473.01 | 27.50 |
| | | *For Halogen Lamps, Add* | *27.55* | |
| | | *For Self-Diagnostics, Add* | *87.50* | |
| 26 52 13 13-0009 | EA | 72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272) | 692.12 | 27.50 |
| | | *For Halogen Lamps, Add* | *27.55* | |
| | | *For Self-Diagnostics, Add* | *87.50* | |

### 26 52 13 13-0010 Remote Heads For Commercial Emergency Lights *(26 52 13 13-0001)*

Note: For use with fixtures that have remote capability.

| | | | | |
|---|---|---|---|---|
| 26 52 13 13-0011 | EA | 6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606) | 147.07 | 16.50 |
| 26 52 13 13-0012 | EA | 6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606) | 148.08 | 16.50 |
| 26 52 13 13-0013 | EA | 8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806) | 151.49 | 16.50 |
| 26 52 13 13-0014 | EA | 12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212) | 150.94 | 16.50 |
| 26 52 13 13-0015 | EA | 12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212) | 130.05 | 16.50 |
| 26 52 13 13-0016 | EA | 12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206) | 88.58 | 16.50 |

### 26 52 13 13-0017 Industrial Emergency Lights *(26 52 13 13)*

### 26 52 13 13-0018 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

### 26 52 13 13-0019 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

| | | | | |
|---|---|---|---|---|
| 26 52 13 13-0020 | EA | 16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16) | 386.17 | 27.50 |
| | | *For Wireguard, Add* | *199.26* | |
| 26 52 13 13-0021 | EA | 24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24) | 323.24 | 27.50 |
| | | *For Wireguard, Add* | *199.26* | |
| 26 52 13 13-0022 | EA | 36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36) | 507.14 | 27.50 |
| | | *For Wireguard, Add* | *199.26* | |
| 26 52 13 13-0023 | EA | 50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50) | 538.88 | 27.50 |
| | | *For Wireguard, Add* | *199.26* | |
| 26 52 13 13-0024 | EA | 125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125) | 771.62 | 27.50 |
| | | *For Wireguard, Add* | *212.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 52 13 13-0025 | EA | 275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275) | 1,216.87 | 27.50 |
| | | *For Wireguard, Add* | *212.23* | |

### 26 52 13 13-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: For use with fixtures that have remote capability.

| | | | | |
|---|---|---|---|---|
| 26 52 13 13-0027 | EA | 8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806) | 112.48 | 16.50 |
| | | *For Wireguard, Add* | *160.80* | |
| 26 52 13 13-0028 | EA | 12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206) | 116.44 | 16.50 |
| | | *For Wireguard, Add* | *160.80* | |
| 26 52 13 13-0029 | EA | 8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812) | 113.03 | 16.50 |
| | | *For Wireguard, Add* | *160.80* | |
| 26 52 13 13-0030 | EA | 12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212) | 113.68 | 16.50 |
| | | *For Wireguard, Add* | *160.80* | |
| 26 52 13 13-0031 | EA | 12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512) | 116.44 | 16.50 |
| | | *For Wireguard, Add* | *160.80* | |
| 26 52 13 13-0032 | EA | 12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512) | 136.49 | 16.50 |
| | | *For Wireguard, Add* | *160.80* | |

### 26 52 13 13-0033 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

### 26 52 13 13-0034 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

| | | | | |
|---|---|---|---|---|
| 26 52 13 13-0035 | EA | 18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618) | 381.11 | 27.50 |
| | | *For Wireguard, Add* | *193.74* | |
| | | *For Self-Diagnostics, Add* | *105.50* | |
| 26 52 13 13-0036 | EA | 36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236) | 414.68 | 27.50 |
| | | *For Wireguard, Add* | *193.74* | |
| | | *For Self-Diagnostics, Add* | *105.50* | |
| 26 52 13 13-0037 | EA | 54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654) | 405.49 | 27.50 |
| | | *For Wireguard, Add* | *193.74* | |
| | | *For Self-Diagnostics, Add* | *105.50* | |
| 26 52 13 13-0038 | EA | 54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254) | 428.94 | 27.50 |
| | | *For Wireguard, Add* | *193.74* | |
| | | *For Self-Diagnostics, Add* | *105.50* | |
| 26 52 13 13-0039 | EA | 100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100) | 726.08 | 27.50 |
| | | *For Wireguard, Add* | *193.74* | |
| | | *For Self-Diagnostics, Add* | *105.50* | |
| 26 52 13 13-0040 | EA | 18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618) | 569.23 | 27.50 |
| | | *For Wireguard, Add* | *193.74* | |
| | | *For Self-Diagnostics, Add* | *61.50* | |
| 26 52 13 13-0041 | EA | 36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236) | 638.23 | 27.50 |
| | | *For Wireguard, Add* | *193.74* | |
| | | *For Self-Diagnostics, Add* | *61.50* | |
| 26 52 13 13-0042 | EA | 54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254) | 673.19 | 27.50 |
| | | *For Wireguard, Add* | *193.74* | |
| | | *For Self-Diagnostics, Add* | *61.50* | |

### 26 52 13 13-0043 Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: For use with fixtures that have remote capability.

| | | | | |
|---|---|---|---|---|
| 26 52 13 13-0044 | EA | 9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906) | 97.30 | 16.50 |
| 26 52 13 13-0045 | EA | 12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206) | 105.31 | 16.50 |
| 26 52 13 13-0046 | EA | 9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912) | 97.40 | 16.50 |
| 26 52 13 13-0047 | EA | 12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212) | 103.28 | 16.50 |
| 26 52 13 13-0048 | EA | 12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012) | 88.16 | 16.50 |

### 26 52 13 13-0049 Outdoor Emergency Lights *(26 52 13 13)*

### 26 52 13 13-0050 Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 13 13-0049)*

Note: Includes nickel-cadmium batteries.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 52 13 13-0051 | EA | 10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series) | 602.81 | 27.50 |
| 26 52 13 13-0052 | EA | 10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series) | 720.10 | 27.50 |

### 26 52 13 13-0053 Recessed Emergency Lights *(26 52 13 13)*

| | | | | |
|---|---|---|---|---|
| 26 52 13 13-0054 | EA | 10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG) | 657.43 | 27.50 |
| | | *For Wire Guard, Add* | *60.00* | |
| 26 52 13 13-0055 | EA | 16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)<br>Note: Includes lead-calcium batteries and two adjustable lamp heads. | 514.97 | 54.99 |
| | | *For Wireguard, Add* | *212.23* | |
| 26 52 13 13-0056 | EA | 50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)<br>Note: Includes lead-calcium batteries and two adjustable lamp heads. | 742.29 | 54.99 |
| | | *For Wireguard, Add* | *212.23* | |

### 26 52 13 13-0057 Square Wraparound Emergency Lights *(26 52 13 13)*

| | | | | |
|---|---|---|---|---|
| 26 52 13 13-0058 | EA | 10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ) | 298.89 | 27.50 |

## 26 52 13 16 Exit Signs *(26 52 13)*

Note: Excludes pendants.

### 26 52 13 16-0001 LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

| | | | | |
|---|---|---|---|---|
| 26 52 13 16-0002 | EA | Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6) | 173.56 | 40.20 |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For >50 To 100, Deduct* | *-6.35* | |
| | | *For >100 To 250, Deduct* | *-10.69* | |
| | | *For >250 To 500, Deduct* | *-17.36* | |
| | | *For >500, Deduct* | *-24.02* | |
| 26 52 13 16-0003 | EA | Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6) | 173.56 | 40.20 |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For >50 To 100, Deduct* | *-6.35* | |
| | | *For >100 To 250, Deduct* | *-10.69* | |
| | | *For >250 To 500, Deduct* | *-17.36* | |
| | | *For >500, Deduct* | *-24.02* | |
| 26 52 13 16-0004 | EA | Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6) | 243.24 | 40.20 |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For Self-Diagnostics, Add* | *50.00* | |
| | | *For >50 To 100, Deduct* | *-8.09* | |
| | | *For >100 To 250, Deduct* | *-14.17* | |
| | | *For >250 To 500, Deduct* | *-24.32* | |
| | | *For >500, Deduct* | *-34.48* | |
| 26 52 13 16-0005 | EA | Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN) | 243.24 | 40.20 |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For Self-Diagnostics, Add* | *50.00* | |
| | | *For >50 To 100, Deduct* | *-8.09* | |
| | | *For >100 To 250, Deduct* | *-14.17* | |
| | | *For >250 To 500, Deduct* | *-24.32* | |
| | | *For >500, Deduct* | *-34.48* | |
| 26 52 13 16-0006 | EA | Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R) | 268.14 | 40.20 |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For >50 To 100, Deduct* | *-8.71* | |
| | | *For >100 To 250, Deduct* | *-15.42* | |
| | | *For >250 To 500, Deduct* | *-26.81* | |
| | | *For >500, Deduct* | *-38.21* | |
| 26 52 13 16-0007 | EA | Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R) | 304.45 | 40.20 |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For >50 To 100, Deduct* | *-9.62* | |
| | | *For >100 To 250, Deduct* | *-17.23* | |
| | | *For >250 To 500, Deduct* | *-30.45* | |
| | | *For >500, Deduct* | *-43.66* | |
| 26 52 13 16-0008 | EA | Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N) | 252.96 | 40.20 |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For Self-Diagnostics, Add* | *50.00* | |
| | | *For >50 To 100, Deduct* | *-8.33* | |
| | | *For >100 To 250, Deduct* | *-14.66* | |
| | | *For >250 To 500, Deduct* | *-25.30* | |
| | | *For >500, Deduct* | *-35.93* | |
| 26 52 13 16-0009 | EA | Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N) | 279.32 | 40.20 |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For Self-Diagnostics, Add* | *50.00* | |
| | | *For >50 To 100, Deduct* | *-8.99* | |
| | | *For >100 To 250, Deduct* | *-15.98* | |
| | | *For >250 To 500, Deduct* | *-27.93* | |
| | | *For >500, Deduct* | *-39.89* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 52 13 16-0010 | EA | Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4) | 321.59 | 40.20 |
| | | Note: Includes two circular side mounted krypton emergency lights. | | |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For >50 To 100, Deduct* | *-10.79* | |
| | | *For >100 To 250, Deduct* | *-18.83* | |
| | | *For >250 To 500, Deduct* | *-32.16* | |
| | | *For >500, Deduct* | *-45.49* | |
| 26 52 13 16-0011 | EA | Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6) | 287.49 | 40.20 |
| | | Note: Includes two circular side mounted LED emergency lights. | | |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For >50 To 100, Deduct* | *-9.94* | |
| | | *For >100 To 250, Deduct* | *-17.12* | |
| | | *For >250 To 500, Deduct* | *-28.75* | |
| | | *For >500, Deduct* | *-40.37* | |
| 26 52 13 16-0012 | EA | Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH) | 404.06 | 40.20 |
| | | Note: Includes two rectangular front mounted high intensity tungsten emergency lights. | | |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For >50 To 100, Deduct* | *-12.85* | |
| | | *For >100 To 250, Deduct* | *-22.95* | |
| | | *For >250 To 500, Deduct* | *-40.41* | |
| | | *For >500, Deduct* | *-57.86* | |
| 26 52 13 16-0013 | EA | Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM) | 423.20 | 40.20 |
| | | Note: Includes two circular side mounted PAR 36 emergency lights. | | |
| | | *For Green LED Lamps, Add* | *15.00* | |
| | | *For >50 To 100, Deduct* | *-13.33* | |
| | | *For >100 To 250, Deduct* | *-23.91* | |
| | | *For >250 To 500, Deduct* | *-42.32* | |
| | | *For >500, Deduct* | *-60.73* | |
| 26 52 13 16-0014 | EA | Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R) | 114.87 | 40.20 |
| | | *For >50 To 100, Deduct* | *-4.88* | |
| | | *For >100 To 250, Deduct* | *-7.75* | |
| | | *For >250 To 500, Deduct* | *-11.49* | |
| | | *For >500, Deduct* | *-15.22* | |
| 26 52 13 16-0015 | EA | 120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R) | 115.31 | 40.20 |
| | | *For >50 To 100, Deduct* | *-4.89* | |
| | | *For >100 To 250, Deduct* | *-7.78* | |
| | | *For >250 To 500, Deduct* | *-11.53* | |
| | | *For >500, Deduct* | *-15.29* | |

## 26 52 13 16-0016 Edge-Lit LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

| | | | | |
|---|---|---|---|---|
| 26 52 13 16-0017 | EA | Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6) | 227.07 | 40.20 |
| | | *For Green LED Lamps, Add* | *40.00* | |
| | | *For >50 To 100, Deduct* | *-7.69* | |
| | | *For >100 To 250, Deduct* | *-13.36* | |
| | | *For >250 To 500, Deduct* | *-22.71* | |
| | | *For >500, Deduct* | *-32.05* | |
| 26 52 13 16-0018 | EA | Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6) | 229.40 | 40.20 |
| | | *For Green LED Lamps, Add* | *40.00* | |
| | | *For >50 To 100, Deduct* | *-7.75* | |
| | | *For >100 To 250, Deduct* | *-13.48* | |
| | | *For >250 To 500, Deduct* | *-22.94* | |
| | | *For >500, Deduct* | *-32.40* | |
| 26 52 13 16-0019 | EA | Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6) | 245.15 | 40.20 |
| | | *For Green LED Lamps, Add* | *40.00* | |
| | | *For Self-Diagnostics, Add* | *50.00* | |
| | | *For >50 To 100, Deduct* | *-8.14* | |
| | | *For >100 To 250, Deduct* | *-14.27* | |
| | | *For >250 To 500, Deduct* | *-24.52* | |
| | | *For >500, Deduct* | *-34.76* | |
| 26 52 13 16-0020 | EA | Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6) | 292.23 | 40.20 |
| | | *For Green LED Lamps, Add* | *40.00* | |
| | | *For Self-Diagnostics, Add* | *50.00* | |
| | | *For >50 To 100, Deduct* | *-9.32* | |
| | | *For >100 To 250, Deduct* | *-16.62* | |
| | | *For >250 To 500, Deduct* | *-29.22* | |
| | | *For >500, Deduct* | *-41.82* | |

## 26 52 13 16-0021 Self-Luminous Tritium Exit Signs *(26 52 13 16)*

Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.

| | | | | |
|---|---|---|---|---|
| 26 52 13 16-0022 | EA | 10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R) | 510.94 | 40.20 |
| | | *For >50 To 100, Deduct* | *-14.78* | |
| | | *For >100 To 250, Deduct* | *-27.56* | |
| | | *For >250 To 500, Deduct* | *-51.09* | |
| | | *For >500, Deduct* | *-74.63* | |
| 26 52 13 16-0023 | EA | 10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R) | 941.01 | 40.20 |
| | | *For >50 To 100, Deduct* | *-25.54* | |
| | | *For >100 To 250, Deduct* | *-49.06* | |
| | | *For >250 To 500, Deduct* | *-94.10* | |
| | | *For >500, Deduct* | *-139.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 52 13 16-0024 | EA | 20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R) | 608.91 | 40.20 |
| | | *For >50 To 100, Deduct* | *-17.23* | |
| | | *For >100 To 250, Deduct* | *-32.46* | |
| | | *For >250 To 500, Deduct* | *-60.89* | |
| | | *For >500, Deduct* | *-89.33* | |
| 26 52 13 16-0025 | EA | 20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R) | 1,019.66 | 40.20 |
| | | *For >50 To 100, Deduct* | *-27.50* | |
| | | *For >100 To 250, Deduct* | *-52.99* | |
| | | *For >250 To 500, Deduct* | *-101.97* | |
| | | *For >500, Deduct* | *-150.94* | |
| 26 52 13 16-0026 | EA | 10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R) | 559.70 | 40.20 |
| | | *For >50 To 100, Deduct* | *-16.00* | |
| | | *For >100 To 250, Deduct* | *-30.00* | |
| | | *For >250 To 500, Deduct* | *-55.97* | |
| | | *For >500, Deduct* | *-81.94* | |
| 26 52 13 16-0027 | EA | 10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R) | 1,019.66 | 40.20 |
| | | *For >50 To 100, Deduct* | *-27.50* | |
| | | *For >100 To 250, Deduct* | *-52.99* | |
| | | *For >250 To 500, Deduct* | *-101.97* | |
| | | *For >500, Deduct* | *-150.94* | |
| 26 52 13 16-0028 | EA | 20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R) | 687.11 | 40.20 |
| | | *For >50 To 100, Deduct* | *-19.19* | |
| | | *For >100 To 250, Deduct* | *-36.37* | |
| | | *For >250 To 500, Deduct* | *-68.71* | |
| | | *For >500, Deduct* | *-101.06* | |
| 26 52 13 16-0029 | EA | 20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R) | 1,266.21 | 40.20 |
| | | *For >50 To 100, Deduct* | *-33.67* | |
| | | *For >100 To 250, Deduct* | *-65.32* | |
| | | *For >250 To 500, Deduct* | *-126.62* | |
| | | *For >500, Deduct* | *-187.92* | |

## 26 52 13 16-0030 Vandal-Resistant LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

| | | | | |
|---|---|---|---|---|
| 26 52 13 16-0031 | EA | Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277) | 481.96 | 40.20 |
| | | *For >50 To 100, Deduct* | *-14.06* | |
| | | *For >100 To 250, Deduct* | *-26.11* | |
| | | *For >250 To 500, Deduct* | *-48.20* | |
| | | *For >500, Deduct* | *-70.28* | |
| 26 52 13 16-0032 | EA | Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N) | 748.28 | 40.20 |
| | | *For >50 To 100, Deduct* | *-20.72* | |
| | | *For >100 To 250, Deduct* | *-39.42* | |
| | | *For >250 To 500, Deduct* | *-74.83* | |
| | | *For >500, Deduct* | *-110.23* | |
| 26 52 13 16-0033 | EA | Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X) | 911.57 | 40.20 |
| | | *For >50 To 100, Deduct* | *-24.80* | |
| | | *For >100 To 250, Deduct* | *-47.59* | |
| | | *For >250 To 500, Deduct* | *-91.16* | |
| | | *For >500, Deduct* | *-134.73* | |

## 26 52 13 16-0034 Removal And Reinstallation Of Exit Light Fixture *(26 52 13 16)*

| | | | | |
|---|---|---|---|---|
| 26 52 13 16-0035 | EA | Removal And Reinstall Of Exit Light Fixtures<br>Note: Includes storage and cleaning. | 82.49 | |
| | | *For >50 To 100, Deduct* | *-4.12* | |
| | | *For >100 To 250, Deduct* | *-6.19* | |
| | | *For >250 To 500, Deduct* | *-8.25* | |
| | | *For >500, Deduct* | *-10.31* | |

## 26 52 13 16-0036 Exit Sign Accessories *(26 52 13 16)*

| | | | | |
|---|---|---|---|---|
| 26 52 13 16-0037 | EA | Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1) | 114.00 | 11.02 |
| | | *For >50 To 100, Deduct* | *-3.40* | |
| | | *For >100 To 250, Deduct* | *-6.25* | |
| | | *For >250 To 500, Deduct* | *-11.40* | |
| | | *For >500, Deduct* | *-16.55* | |
| 26 52 13 16-0038 | EA | Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1) | 66.46 | 11.02 |
| | | *For >50 To 100, Deduct* | *-2.21* | |
| | | *For >100 To 250, Deduct* | *-3.87* | |
| | | *For >250 To 500, Deduct* | *-6.65* | |
| | | *For >500, Deduct* | *-9.42* | |
| 26 52 13 16-0039 | EA | Wire Guard For Combination Exit Sign And Emergency Light (Best Lighting Products WG-3) | 106.49 | 8.82 |
| | | *For >50 To 100, Deduct* | *-3.10* | |
| | | *For >100 To 250, Deduct* | *-5.77* | |
| | | *For >250 To 500, Deduct* | *-10.65* | |
| | | *For >500, Deduct* | *-15.53* | |
| 26 52 13 16-0040 | EA | Removal And Replacement Of Battery For Exit Signs<br>Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity | 113.92 | |
| | | *For >50 To 100, Deduct* | *-3.54* | |
| | | *For >100 To 250, Deduct* | *-6.38* | |
| | | *For >250 To 500, Deduct* | *-11.39* | |
| | | *For >500, Deduct* | *-16.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 26 54 Classified Location Lighting *(26 50)*

### 26 54 19 LED Classified Location Lighting *(26 54)*

#### 26 54 19 00-0001 Class I Division 2, Hazardous Location, LED Fixtures *(26 54 19)*

#### 26 54 19 00-0002 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

| | | | | |
|---|---|---|---|---|
| 26 54 19 00-0003 | EA | 5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L) | 2,811.64 | 90.43 |
| | | *For Bolt-On Visor, Add* | *109.09* | |
| | | *For Bolt-On Wire Guard, Add* | *224.37* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For >50 To 100, Deduct* | *-74.06* | |
| | | *For >100 To 250, Deduct* | *-144.35* | |
| | | *For >250 To 500, Deduct* | *-281.16* | |
| | | *For >500, Deduct* | *-417.98* | |
| 26 54 19 00-0004 | EA | 7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L) | 3,450.07 | 96.47 |
| | | *For Bolt-On Visor, Add* | *109.09* | |
| | | *For Bolt-On Wire Guard, Add* | *224.37* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For >50 To 100, Deduct* | *-90.27* | |
| | | *For >100 To 250, Deduct* | *-176.52* | |
| | | *For >250 To 500, Deduct* | *-345.01* | |
| | | *For >500, Deduct* | *-513.49* | |
| 26 54 19 00-0005 | EA | 9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L) | 3,900.04 | 102.50 |
| | | *For Bolt-On Visor, Add* | *109.09* | |
| | | *For Bolt-On Wire Guard, Add* | *224.37* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For >50 To 100, Deduct* | *-101.77* | |
| | | *For >100 To 250, Deduct* | *-199.27* | |
| | | *For >250 To 500, Deduct* | *-390.00* | |
| | | *For >500, Deduct* | *-580.74* | |
| 26 54 19 00-0006 | EA | 11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L) | 4,362.54 | 108.52 |
| | | *For Bolt-On Visor, Add* | *109.09* | |
| | | *For Bolt-On Wire Guard, Add* | *224.37* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For >50 To 100, Deduct* | *-113.59* | |
| | | *For >100 To 250, Deduct* | *-222.65* | |
| | | *For >250 To 500, Deduct* | *-436.25* | |
| | | *For >500, Deduct* | *-649.86* | |

#### 26 54 19 00-0007 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

| | | | | |
|---|---|---|---|---|
| 26 54 19 00-0008 | EA | 1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) | 1,648.57 | 84.41 |
| | | *For 12/24 Volt DC Driver, Add* | *31.00* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Temperature LEDs, Add* | *81.56* | |
| | | *For 55 Degree Ambient Suitability (AC Only) Option, Add* | *42.21* | |
| | | *For Stanchion Mount, Add* | *261.37* | |
| | | *For Ceiling Mount, Add* | *104.81* | |
| | | *For Wall Mount, Add* | *152.99* | |
| | | *For Teflon Coated Lens, Add* | *134.48* | |
| | | *For Wall Mount With Junction Box, Add* | *223.39* | |
| | | *For >50 To 100, Deduct* | *-44.73* | |
| | | *For >100 To 250, Deduct* | *-85.95* | |
| | | *For >250 To 500, Deduct* | *-164.86* | |
| | | *For >500, Deduct* | *-243.77* | |

#### 26 54 19 00-0009 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 54 19 00-0010 | EA | 3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L) | 2,642.49 | 84.41 |
| | | *For Ceiling Mount, Add* | *20.06* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-69.58* | |
| | | *For >100 To 250, Deduct* | *-135.64* | |
| | | *For >250 To 500, Deduct* | *-264.25* | |
| | | *For >500, Deduct* | *-392.86* | |
| 26 54 19 00-0011 | EA | 3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L) | 2,928.59 | 90.43 |
| | | *For Ceiling Mount, Add* | *20.06* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-76.98* | |
| | | *For >100 To 250, Deduct* | *-150.20* | |
| | | *For >250 To 500, Deduct* | *-292.86* | |
| | | *For >500, Deduct* | *-435.52* | |
| 26 54 19 00-0012 | EA | 6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L) | 3,283.95 | 96.47 |
| | | *For Ceiling Mount, Add* | *20.06* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-86.12* | |
| | | *For >100 To 250, Deduct* | *-168.22* | |
| | | *For >250 To 500, Deduct* | *-328.40* | |
| | | *For >500, Deduct* | *-488.57* | |
| 26 54 19 00-0013 | EA | 6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L) | 4,289.01 | 102.50 |
| | | *For Ceiling Mount, Add* | *20.06* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-111.50* | |
| | | *For >100 To 250, Deduct* | *-218.72* | |
| | | *For >250 To 500, Deduct* | *-428.90* | |
| | | *For >500, Deduct* | *-639.08* | |
| 26 54 19 00-0014 | EA | 9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L) | 4,925.14 | 108.52 |
| | | *For Ceiling Mount, Add* | *20.06* | |
| | | *For Quick Clip Mounting Option, Add* | *29.46* | |
| | | *For Frosted Lens, Add* | *63.36* | |
| | | *For Warm White Color Rendering, Add* | *81.56* | |
| | | *For Polycarbonate Lens, Add* | *117.44* | |
| | | *For 480 Volt, Add* | *192.10* | |
| | | *For >50 To 100, Deduct* | *-127.65* | |
| | | *For >100 To 250, Deduct* | *-250.78* | |
| | | *For >250 To 500, Deduct* | *-492.51* | |
| | | *For >500, Deduct* | *-734.25* | |

### 26 54 19 00-0015 Class I Division 1, Explosion Proof, LED Fixtures *(26 54 19)*

### 26 54 19 00-0016 Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 54 19 00-0015)*

Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

| | | | | |
|---|---|---|---|---|
| 26 54 19 00-0017 | EA | 5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L) | 3,760.60 | 90.43 |
| | | *For Wall Mount, Deduct* | *-14.41* | |
| | | *For Warm Color Temperature LEDs, Add* | *77.68* | |
| | | *For Stainless Steel Guard, Add* | *139.43* | |
| | | *For Ceiling Mount, Add* | *168.20* | |
| | | *For Stanchion Mount, Add* | *195.76* | |
| | | *For Yoke Mount, Add* | *489.40* | |
| | | *For >50 To 100, Deduct* | *-97.78* | |
| | | *For >100 To 250, Deduct* | *-191.80* | |
| | | *For >250 To 500, Deduct* | *-376.06* | |
| | | *For >500, Deduct* | *-560.32* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 54 19 00-0018 | EA | 6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L) | 4,574.71 | 96.47 |
| | | *For Wall Mount, Deduct* | *-14.41* | |
| | | *For Warm Color Temperature LEDs, Add* | *77.68* | |
| | | *For Stainless Steel Guard, Add* | *139.43* | |
| | | *For Ceiling Mount, Add* | *168.20* | |
| | | *For Stanchion Mount, Add* | *195.76* | |
| | | *For Yoke Mount, Add* | *489.40* | |
| | | *For >50 To 100, Deduct* | *-118.39* | |
| | | *For >100 To 250, Deduct* | *-232.76* | |
| | | *For >250 To 500, Deduct* | *-457.47* | |
| | | *For >500, Deduct* | *-682.19* | |
| 26 54 19 00-0019 | EA | 9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L) | 5,315.84 | 102.50 |
| | | *For Wall Mount, Deduct* | *-14.41* | |
| | | *For Warm Color Temperature LEDs, Add* | *77.68* | |
| | | *For Stainless Steel Guard, Add* | *139.43* | |
| | | *For Ceiling Mount, Add* | *168.20* | |
| | | *For Stanchion Mount, Add* | *195.76* | |
| | | *For Yoke Mount, Add* | *489.40* | |
| | | *For >50 To 100, Deduct* | *-137.17* | |
| | | *For >100 To 250, Deduct* | *-270.06* | |
| | | *For >250 To 500, Deduct* | *-531.58* | |
| | | *For >500, Deduct* | *-793.11* | |
| 26 54 19 00-0020 | EA | 10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L) | 6,070.60 | 108.52 |
| | | *For Wall Mount, Deduct* | *-14.41* | |
| | | *For Warm Color Temperature LEDs, Add* | *77.68* | |
| | | *For Stainless Steel Guard, Add* | *139.43* | |
| | | *For Ceiling Mount, Add* | *168.20* | |
| | | *For Stanchion Mount, Add* | *195.76* | |
| | | *For Yoke Mount, Add* | *489.40* | |
| | | *For >50 To 100, Deduct* | *-156.29* | |
| | | *For >100 To 250, Deduct* | *-308.05* | |
| | | *For >250 To 500, Deduct* | *-607.06* | |
| | | *For >500, Deduct* | *-906.07* | |
| 26 54 19 00-0021 | EA | 13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L) | 7,035.83 | 104.50 |
| | | *For Wall Mount, Deduct* | *-14.41* | |
| | | *For Warm Color Temperature LEDs, Add* | *77.68* | |
| | | *For Stainless Steel Guard, Add* | *139.43* | |
| | | *For Ceiling Mount, Add* | *168.20* | |
| | | *For Stanchion Mount, Add* | *195.76* | |
| | | *For Yoke Mount, Add* | *489.40* | |
| | | *For >50 To 100, Deduct* | *-180.67* | |
| | | *For >100 To 250, Deduct* | *-356.56* | |
| | | *For >250 To 500, Deduct* | *-703.58* | |
| | | *For >500, Deduct* | *-1,050.60* | |

## 26 55 Special Purpose Lighting *(26 50)*

### 26 55 13 Landscape Lighting *(26 55)*

#### 26 55 13 00-0001 Bollards *(26 55 13)*

Note: Excludes concrete base.

#### 26 55 13 00-0002 Aluminum Architectural Bollards *(26 55 13 00-0001)*

#### 26 55 13 00-0003 High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0002)*

#### 26 55 13 00-0004 Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*

| | | | | |
|---|---|---|---|---|
| 26 55 13 00-0005 | EA | 24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,388.33 | 93.50 |
| 26 55 13 00-0006 | EA | 30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,399.32 | 98.99 |
| 26 55 13 00-0007 | EA | 36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,410.33 | 104.49 |
| 26 55 13 00-0008 | EA | 42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,305.32 | 109.99 |
| 26 55 13 00-0009 | EA | 24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,388.33 | 93.50 |
| 26 55 13 00-0010 | EA | 30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,399.32 | 98.99 |
| 26 55 13 00-0011 | EA | 36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,410.33 | 104.49 |
| 26 55 13 00-0012 | EA | 42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,305.32 | 109.99 |
| 26 55 13 00-0013 | EA | 24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,388.33 | 93.50 |
| 26 55 13 00-0014 | EA | 30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,399.32 | 98.99 |
| 26 55 13 00-0015 | EA | 36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,410.33 | 104.49 |
| 26 55 13 00-0016 | EA | 42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,305.32 | 109.99 |
| 26 55 13 00-0017 | EA | 24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,388.33 | 93.50 |
| 26 55 13 00-0018 | EA | 30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,399.32 | 98.99 |
| 26 55 13 00-0019 | EA | 36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,410.33 | 104.49 |
| 26 55 13 00-0020 | EA | 42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,305.32 | 109.99 |

#### 26 55 13 00-0021 Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*

| | | | | |
|---|---|---|---|---|
| 26 55 13 00-0022 | EA | 24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,335.06 | 93.50 |
| 26 55 13 00-0023 | EA | 30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,346.05 | 98.99 |
| 26 55 13 00-0024 | EA | 36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,357.06 | 104.49 |
| 26 55 13 00-0025 | EA | 42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,251.57 | 109.99 |
| 26 55 13 00-0026 | EA | 24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,335.06 | 93.50 |
| 26 55 13 00-0027 | EA | 30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,346.05 | 98.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 13 00-0028 | EA | 36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,357.06 | 104.49 |
| 26 55 13 00-0029 | EA | 42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,251.57 | 109.99 |
| 26 55 13 00-0030 | EA | 24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,335.06 | 93.50 |
| 26 55 13 00-0031 | EA | 30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,346.05 | 98.99 |
| 26 55 13 00-0032 | EA | 36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,357.06 | 104.49 |
| 26 55 13 00-0033 | EA | 42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,251.57 | 109.99 |
| 26 55 13 00-0034 | EA | 24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,335.06 | 93.50 |
| 26 55 13 00-0035 | EA | 30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,346.05 | 98.99 |
| 26 55 13 00-0036 | EA | 36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,357.06 | 104.49 |
| 26 55 13 00-0037 | EA | 42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard | 1,251.57 | 109.99 |
| 26 55 13 00-0038 | | Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0002)* | | |
| 26 55 13 00-0039 | | Square, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)* | | |
| 26 55 13 00-0040 | EA | 24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard | 1,457.50 | 93.50 |
| 26 55 13 00-0041 | EA | 30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard | 1,468.49 | 98.99 |
| 26 55 13 00-0042 | EA | 36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard | 1,479.50 | 104.49 |
| 26 55 13 00-0043 | EA | 42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard | 1,374.01 | 109.99 |
| 26 55 13 00-0044 | EA | 24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard | 1,457.50 | 93.50 |
| 26 55 13 00-0045 | EA | 30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard | 1,468.49 | 98.99 |
| 26 55 13 00-0046 | EA | 36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard | 1,479.50 | 104.49 |
| 26 55 13 00-0047 | EA | 42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard | 1,374.01 | 109.99 |
| 26 55 13 00-0048 | EA | 24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard | 1,457.50 | 93.50 |
| 26 55 13 00-0049 | EA | 30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard | 1,468.49 | 98.99 |
| 26 55 13 00-0050 | EA | 36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard | 1,479.50 | 104.49 |
| 26 55 13 00-0051 | EA | 42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard | 1,431.89 | 109.99 |
| 26 55 13 00-0052 | | Round, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)* | | |
| 26 55 13 00-0053 | EA | 24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard | 1,403.74 | 93.50 |
| 26 55 13 00-0054 | EA | 30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard | 1,414.73 | 98.99 |
| 26 55 13 00-0055 | EA | 36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard | 1,425.74 | 104.49 |
| 26 55 13 00-0056 | EA | 42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard | 1,320.25 | 109.99 |
| 26 55 13 00-0057 | EA | 24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard | 1,403.74 | 93.50 |
| 26 55 13 00-0058 | EA | 30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard | 1,414.73 | 98.99 |
| 26 55 13 00-0059 | EA | 36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard | 1,425.74 | 104.49 |
| 26 55 13 00-0060 | EA | 42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard | 1,320.25 | 109.99 |
| 26 55 13 00-0061 | EA | 24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard | 1,403.74 | 93.50 |
| 26 55 13 00-0062 | EA | 30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard | 1,414.73 | 98.99 |
| 26 55 13 00-0063 | EA | 36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard | 1,425.74 | 104.49 |
| 26 55 13 00-0064 | EA | 42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard | 1,320.25 | 109.99 |
| 26 55 13 00-0065 | | Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0002)* | | |
| 26 55 13 00-0066 | | Square, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)* | | |
| 26 55 13 00-0067 | EA | 24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,382.26 | 93.50 |
| 26 55 13 00-0068 | EA | 30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,393.25 | 98.99 |
| 26 55 13 00-0069 | EA | 36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,404.26 | 104.49 |
| 26 55 13 00-0070 | EA | 42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,300.35 | 109.99 |
| 26 55 13 00-0071 | EA | 24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,382.26 | 93.50 |
| 26 55 13 00-0072 | EA | 30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,393.25 | 98.99 |
| 26 55 13 00-0073 | EA | 36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,404.26 | 104.49 |
| 26 55 13 00-0074 | EA | 42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,300.35 | 109.99 |
| 26 55 13 00-0075 | EA | 24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,382.26 | 93.50 |
| 26 55 13 00-0076 | EA | 30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,393.25 | 98.99 |
| 26 55 13 00-0077 | EA | 36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,404.26 | 104.49 |
| 26 55 13 00-0078 | EA | 42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,300.35 | 109.99 |
| 26 55 13 00-0079 | | Round, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)* | | |
| 26 55 13 00-0080 | EA | 24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,329.68 | 93.50 |
| 26 55 13 00-0081 | EA | 30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,340.67 | 98.99 |
| 26 55 13 00-0082 | EA | 36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,351.68 | 104.49 |
| 26 55 13 00-0083 | EA | 42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,248.77 | 109.99 |
| 26 55 13 00-0084 | EA | 24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,329.68 | 93.50 |
| 26 55 13 00-0085 | EA | 30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,340.67 | 98.99 |
| 26 55 13 00-0086 | EA | 36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,351.68 | 104.49 |
| 26 55 13 00-0087 | EA | 42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,248.77 | 109.99 |
| 26 55 13 00-0088 | EA | 24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,329.68 | 93.50 |
| 26 55 13 00-0089 | EA | 30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,340.67 | 98.99 |
| 26 55 13 00-0090 | EA | 36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,351.68 | 104.49 |
| 26 55 13 00-0091 | EA | 42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard | 1,248.77 | 109.99 |
| 26 55 13 00-0092 | | LED, Aluminum Architectural Bollards *(26 55 13 00-0002)* | | |
| 26 55 13 00-0093 | | Square, LED, Aluminum Architectural Bollards *(26 55 13 00-0092)* | | |
| 26 55 13 00-0094 | EA | 24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard | 1,655.30 | 93.50 |
| 26 55 13 00-0095 | EA | 30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard | 1,666.29 | 98.99 |
| 26 55 13 00-0096 | EA | 36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard | 1,677.30 | 104.49 |
| 26 55 13 00-0097 | EA | 42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard | 1,574.84 | 109.99 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 13 00-0098 | EA | 24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard | 2,021.36 | 93.50 |
| 26 55 13 00-0099 | EA | 30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard | 2,032.35 | 98.99 |
| 26 55 13 00-0100 | EA | 36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard | 2,043.36 | 104.49 |
| 26 55 13 00-0101 | EA | 42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard | 1,939.08 | 109.99 |
| 26 55 13 00-0102 | | Round, LED, Aluminum Architectural Bollards *(26 55 13 00-0092)* | | |
| 26 55 13 00-0103 | EA | 24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard | 1,600.69 | 93.50 |
| 26 55 13 00-0104 | EA | 30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard | 1,611.68 | 98.99 |
| 26 55 13 00-0105 | EA | 36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard | 1,622.69 | 104.49 |
| 26 55 13 00-0106 | EA | 42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard | 1,518.41 | 109.99 |
| 26 55 13 00-0107 | EA | 24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard | 1,966.75 | 93.50 |
| 26 55 13 00-0108 | EA | 30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard | 1,977.74 | 98.99 |
| 26 55 13 00-0109 | EA | 36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard | 1,988.75 | 104.49 |
| 26 55 13 00-0110 | EA | 42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard | 1,885.12 | 109.99 |
| 26 55 13 00-0111 | | Reinforced Concrete Bollards *(26 55 13 00-0001)* | | |
| 26 55 13 00-0112 | EA | 48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard | 1,374.15 | 274.98 |
| 26 55 13 00-0113 | EA | 58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard | 2,416.50 | 366.60 |
| 26 55 13 00-0114 | | Low Voltage *(26 55 13)* | | |
| 26 55 13 00-0115 | EA | Low Voltage Recessed Uplight | 650.09 | 200.19 |
| 26 55 13 00-0116 | EA | Low Voltage Walkway | 445.13 | 109.99 |
| 26 55 13 00-0117 | EA | Low Voltage Malibu - 5 Light Set | 457.43 | 146.84 |
| 26 55 13 00-0118 | EA | Low Voltage Mushroom 24" Pier | 387.82 | 109.99 |
| 26 55 13 00-0119 | | Recessed, Adjustable *(26 55 13)* | | |
| 26 55 13 00-0120 | EA | 150 Watt Incandescent Recessed, Adjustable | 732.65 | 175.99 |
| 26 55 13 00-0121 | EA | 300 Watt Incandescent Recessed, Adjustable | 794.05 | 175.99 |
| 26 55 13 00-0122 | | Recessed, Uplight *(26 55 13)* | | |
| 26 55 13 00-0123 | EA | 50 Watt Incandescent Recessed Uplight | 663.06 | 175.99 |
| 26 55 13 00-0124 | EA | 150 Watt Incandescent Recessed Uplight | 675.34 | 175.99 |
| 26 55 13 00-0125 | EA | 300 Watt Incandescent Recessed Uplight | 712.18 | 175.99 |
| 26 55 13 00-0126 | EA | 500 Watt Quartz Recessed Uplight | 708.09 | 175.99 |
| 26 55 13 00-0127 | EA | 5 Watt, LED Recessed Uplight | 1,020.04 | 175.99 |
| 26 55 13 00-0128 | EA | 15 Watt, LED Recessed Uplight | 1,122.00 | 175.99 |
| 26 55 13 00-0129 | | Recessed Wall Light *(26 55 13)* | | |
| 26 55 13 00-0130 | EA | 100 Watt Incandescent Recessed Wall Light | 350.98 | 109.99 |
| 26 55 13 00-0131 | EA | 100 Watt Fluorescent Recessed Wall Light | 338.70 | 109.99 |
| 26 55 13 00-0132 | EA | 100 Watt High Intensity Discharge (HID) Recessed Wall Light | 535.20 | 146.84 |
| 26 55 13 00-0133 | | Step Lights *(26 55 13)* | | |
| 26 55 13 00-0134 | EA | Incandescent Step Light | 286.45 | 87.99 |
| 26 55 13 00-0135 | EA | Fluorescent Step Light | 327.45 | 87.99 |
| 26 55 13 00-0136 | EA | 5 Watt, LED Step Light | 560.04 | 87.99 |
| 26 55 13 00-0137 | EA | 15 Watt, LED Step Light | 668.79 | 87.99 |
| 26 55 13 00-0138 | | Tree Lights, Surface Adjustable *(26 55 13)* | | |
| 26 55 13 00-0139 | EA | 50 Watt Incandescent Tree Lights | 588.42 | 146.84 |
| 26 55 13 00-0140 | EA | 100 Watt Incandescent Tree Lights | 600.70 | 146.84 |
| 26 55 13 00-0141 | EA | 150 Watt Incandescent Tree Lights | 767.44 | 219.99 |
| **26 55 16** | | **Walkway Lighting** *(26 55)* | | |
| 26 55 16 00-0001 | | Incandescent Walkway *(26 55 16)* | | |
| 26 55 16 00-0002 | EA | Post Top 300 Watt Incandescent Walkway Fixture | 377.47 | 102.29 |
| 26 55 16 00-0003 | | Metal Halide Walkway *(26 55 16)* | | |
| 26 55 16 00-0004 | EA | Post Top 100 Watt Metal Halide Walkway Fixture | 580.58 | 160.81 |
| 26 55 16 00-0005 | EA | Post Top 150-175 Watt Metal Halide Walkway Fixture | 614.81 | 166.64 |
| 26 55 16 00-0006 | EA | Post Top 250 Watt Metal Halide Walkway Fixture | 662.94 | 173.02 |
| 26 55 16 00-0007 | EA | Post Top 400 Watt Metal Halide Walkway Fixture | 709.95 | 186.99 |
| 26 55 16 00-0008 | EA | Round Luminaries 100 Watt Metal Halide Walkway Fixture | 632.75 | 173.02 |
| 26 55 16 00-0009 | EA | Round Luminaries 150-175 Watt Metal Halide Walkway Fixture | 638.66 | 160.81 |
| 26 55 16 00-0010 | EA | Round Luminaries 250 Watt Metal Halide Walkway Fixture | 651.06 | 166.64 |
| 26 55 16 00-0011 | EA | Spherical 100 Watt Metal Halide Walkway Fixture | 516.01 | 114.61 |
| 26 55 16 00-0012 | EA | Spherical 150-175 Watt Metal Halide Walkway Fixture | 546.21 | 114.61 |
| 26 55 16 00-0013 | EA | Spherical 250 Watt Metal Halide Walkway Fixture | 576.41 | 114.61 |
| 26 55 16 00-0014 | EA | Spherical 400 Watt Metal Halide Walkway Fixture | 650.75 | 129.02 |
| 26 55 16 00-0015 | EA | Low Walkway 100 Watt Metal Halide Walkway Fixture | 492.84 | 102.95 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 16 00-0016 | | High Pressure Sodium Walkway *(26 55 16)* | | |
| 26 55 16 00-0017 | EA | Post Top 100 Watt High Pressure Sodium Walkway Fixture | 523.93 | 160.81 |
| 26 55 16 00-0018 | EA | Post Top 150-175 Watt High Pressure Sodium Walkway Fixture | 553.23 | 166.64 |
| 26 55 16 00-0019 | EA | Post Top 250 Watt High Pressure Sodium Walkway Fixture | 593.59 | 173.02 |
| 26 55 16 00-0020 | EA | Post Top 400 Watt High Pressure Sodium Walkway Fixture | 636.49 | 186.99 |
| 26 55 16 00-0021 | EA | Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture | 570.00 | 173.02 |
| 26 55 16 00-0022 | EA | Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture | 569.31 | 160.81 |
| 26 55 16 00-0023 | EA | Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture | 581.55 | 166.64 |
| 26 55 16 00-0024 | EA | Spherical 100 Watt High Pressure Sodium Walkway Fixture | 453.26 | 114.61 |
| 26 55 16 00-0025 | EA | Spherical 175 150-Watt High Pressure Sodium Walkway Fixture | 476.85 | 114.61 |
| 26 55 16 00-0026 | EA | Spherical 250 Watt High Pressure Sodium Walkway Fixture | 500.44 | 114.61 |
| 26 55 16 00-0027 | EA | Spherical 400 Watt High Pressure Sodium Walkway Fixture | 564.88 | 129.02 |
| 26 55 16 00-0028 | EA | Low Walkway 100 Watt High Pressure Sodium Walkway Fixture | 397.82 | 102.95 |
| 26 55 16 00-0029 | | Walkway, Adjustable *(26 55 16)* | | |
| 26 55 16 00-0030 | EA | 2' Fluorescent Adjustable Walkway Fixture | 546.96 | 146.84 |
| 26 55 16 00-0031 | EA | 4' Fluorescent Adjustable Walkway Fixture | 561.86 | 146.84 |
| 26 55 16 00-0032 | EA | 8' Fluorescent Adjustable Walkway Fixture | 966.37 | 219.99 |
| 26 55 16 00-0033 | EA | 50 Watt Incandescent Adjustable Walkway Fixture | 458.36 | 109.99 |
| 26 55 16 00-0034 | EA | 150 Watt Incandescent Adjustable Walkway Fixture | 478.22 | 109.99 |
| 26 55 16 00-0035 | | LED Walkway *(26 55 16)* | | |
| 26 55 16 00-0036 | | LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) *(26 55 16 00-0035)*<br>Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |
| 26 55 16 00-0037 | EA | 13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) | 769.90 | 84.41 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| 26 55 16 00-0038 | EA | 18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) | 794.10 | 84.41 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| 26 55 16 00-0039 | EA | 36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) | 836.81 | 84.41 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| 26 55 16 00-0040 | EA | 42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) | 869.55 | 84.41 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| 26 55 16 00-0041 | EA | 96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) | 1,002.29 | 108.52 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| 26 55 16 00-0042 | | Wall Mounted Walkway Lighting *(26 55 16 00-0035)* | | |
| 26 55 16 00-0043 | EA | Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492)<br>Note: Type Fixture 17 as Post | 3,912.24 | |
| 26 55 16 00-0044 | | Pole Mounted Walkway Lighting *(26 55 16 00-0035)* | | |
| 26 55 16 00-0045 | EA | 43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27) | 3,617.61 | |
| 26 55 16 00-0046 | EA | 12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12)<br>Note: Washers and nuts included | 3,551.98 | |
| **26 55 29** | | **Underwater Lighting** *(26 55)* | | |
| 26 55 29 00-0001 | | Underwater Lights *(26 55 29)* | | |
| 26 55 29 00-0002 | EA | 150 Watt, 120 Volt Underwater Lights | 461.49 | 73.15 |
| 26 55 29 00-0003 | EA | 300 Watt, 120 Volt Underwater Lights | 510.62 | 73.15 |
| 26 55 29 00-0004 | EA | 1,000 Watt, 120 Volt Underwater Lights | 1,222.88 | 109.99 |
| 26 55 29 00-0005 | EA | 50 Watt, 12 Volt Underwater Lights | 481.96 | 73.15 |
| 26 55 29 00-0006 | EA | 300 Watt, 12 Volt Underwater Lights | 539.27 | 73.15 |
| 26 55 29 00-0007 | SET | Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent | 1,373.53 | 164.99 |
| **26 55 53** | | **Security Lighting** *(26 55)* | | |
| **26 55 53 11** | | **Security Flood Lighting** *(26 55 53)* | | |
| 26 55 53 11-0001 | | General Electric Powerflood® Flood Lights *(26 55 53 11)* | | |
| 26 55 53 11-0002 | | MPF (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*<br>Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle. | | |
| 26 55 53 11-0003 | | High Pressure Sodium MPF Series GE Flood Lights *(26 55 53 11-0002)* | | |
| 26 55 53 11-0004 | EA | 70 Watt High Pressure Sodium MPF Series GE Flood Light | 338.78 | 93.91 |
| 26 55 53 11-0005 | EA | 100 Watt High Pressure Sodium MPF Series GE Flood Light | 341.80 | 93.91 |
| 26 55 53 11-0006 | EA | 150 Watt High Pressure Sodium MPF Series GE Flood Light | 346.83 | 93.91 |
| 26 55 53 11-0007 | | Metal Halide MPF Series GE Flood Lights *(26 55 53 11-0002)* | | |
| 26 55 53 11-0008 | EA | 70 Watt Metal Halide MPF Series GE Flood Light | 458.54 | 93.91 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 53 11-0009 | | P-154 (Small Size) Series GE Flood Lights *(26 55 53 11-0001)* | | |
| | | Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting. | | |
| 26 55 53 11-0010 | | High Pressure Sodium P-154 Series GE Flood Lights *(26 55 53 11-0009)* | | |
| 26 55 53 11-0011 | EA | 70 Watt High Pressure Sodium P-154 Series GE Flood Light | 684.17 | 125.22 |
| 26 55 53 11-0012 | EA | 100 Watt High Pressure Sodium P-154 Series GE Flood Light | 688.19 | 125.22 |
| 26 55 53 11-0013 | EA | 150 Watt High Pressure Sodium P-154 Series GE Flood Light | 695.24 | 125.22 |
| 26 55 53 11-0014 | EA | 250 Watt High Pressure Sodium P-154 Series GE Flood Light | 774.74 | 125.22 |
| 26 55 53 11-0015 | EA | 400 Watt High Pressure Sodium P-154 Series GE Flood Light | 797.88 | 125.22 |
| 26 55 53 11-0016 | | Metal Halide P-154 Series GE Flood Lights *(26 55 53 11-0009)* | | |
| 26 55 53 11-0017 | EA | 175 Watt Metal Halide P-154 Series GE Flood Light | 677.12 | 125.22 |
| 26 55 53 11-0018 | EA | 250 Watt Metal Halide P-154 Series GE Flood Light | 712.34 | 125.22 |
| 26 55 53 11-0019 | EA | 400 Watt Metal Halide P-154 Series GE Flood Light | 730.46 | 125.22 |
| 26 55 53 11-0020 | | PF-154 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)* | | |
| | | Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting. | | |
| 26 55 53 11-0021 | | High Pressure Sodium PF-154 Series GE Flood Lights *(26 55 53 11-0020)* | | |
| 26 55 53 11-0022 | EA | 70 Watt High Pressure Sodium PF-154 Series GE Flood Light | 698.37 | 140.87 |
| 26 55 53 11-0023 | EA | 100 Watt High Pressure Sodium PF-154 Series GE Flood Light | 703.40 | 140.87 |
| 26 55 53 11-0024 | EA | 150 Watt High Pressure Sodium PF-154 Series GE Flood Light | 711.45 | 140.87 |
| 26 55 53 11-0025 | EA | 250 Watt High Pressure Sodium PF-154 Series GE Flood Light | 789.95 | 140.87 |
| 26 55 53 11-0026 | EA | 400 Watt High Pressure Sodium PF-154 Series GE Flood Light | 812.09 | 140.87 |
| 26 55 53 11-0027 | | Metal Halide PF-154 GE Flood Lights *(26 55 53 11-0020)* | | |
| 26 55 53 11-0028 | EA | 175 Watt Metal Halide PF-154 Series GE Flood Light | 692.33 | 140.87 |
| 26 55 53 11-0029 | EA | 250 Watt Metal Halide PF-154 Series GE Flood Light | 726.55 | 140.87 |
| 26 55 53 11-0030 | EA | 400 Watt Metal Halide PF-154 Series GE Flood Light | 744.66 | 140.87 |
| 26 55 53 11-0031 | | PF-400 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)* | | |
| | | Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting. | | |
| 26 55 53 11-0032 | | High Pressure Sodium PF-400 Series GE Flood Lights *(26 55 53 11-0031)* | | |
| 26 55 53 11-0033 | EA | 150 Watt High Pressure Sodium PF-400 Series GE Flood Light | 935.87 | 140.87 |
| 26 55 53 11-0034 | EA | 200 Watt High Pressure Sodium PF-400 Series GE Flood Light | 1,006.31 | 140.87 |
| 26 55 53 11-0035 | EA | 250 Watt High Pressure Sodium PF-400 Series GE Flood Light | 1,001.28 | 140.87 |
| 26 55 53 11-0036 | EA | 400 Watt High Pressure Sodium PF-400 Series GE Flood Light | 1,026.44 | 140.87 |
| 26 55 53 11-0037 | | Metal Halide PF-400 GE Flood Lights *(26 55 53 11-0031)* | | |
| 26 55 53 11-0038 | EA | 175 Watt Metal Halide PF-400 Series GE Flood Light | 962.03 | 140.87 |
| 26 55 53 11-0039 | EA | 250 Watt Metal Halide PF-400 Series GE Flood Light | 983.17 | 140.87 |
| 26 55 53 11-0040 | EA | 400 Watt Metal Halide PF-400 Series GE Flood Light | 1,005.31 | 140.87 |
| 26 55 53 11-0041 | | PF-1000 (Large Size) Series GE Flood Lights *(26 55 53 11-0001)* | | |
| | | Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting. | | |
| 26 55 53 11-0042 | | High Pressure Sodium PF-154 Series GE Flood Lights *(26 55 53 11-0041)* | | |
| 26 55 53 11-0043 | EA | 750 Watt High Pressure Sodium PF-1000 Series GE Flood Light | 1,268.08 | 156.52 |
| 26 55 53 11-0044 | EA | 1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light | 1,268.08 | 156.52 |
| 26 55 53 11-0045 | | Metal Halide PF-1000 Series GE Flood Lights *(26 55 53 11-0041)* | | |
| 26 55 53 11-0046 | EA | 1,000 Watt Metal Halide PF-1000 Series GE Flood Light | 1,209.71 | 156.52 |
| 26 55 53 11-0047 | | HLU/VLU (Medium Size) FRP Series GE Flood Lights *(26 55 53 11-0001)* | | |
| | | Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting. | | |
| 26 55 53 11-0048 | | High Pressure Sodium HLU/VLU FRP Series GE Flood Lights *(26 55 53 11-0047)* | | |
| 26 55 53 11-0049 | EA | 250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light | 1,032.48 | 140.87 |
| 26 55 53 11-0050 | EA | 400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light | 1,051.60 | 140.87 |
| 26 55 53 11-0051 | | Metal Halide HLU/VLU Series GE Flood Lights *(26 55 53 11-0047)* | | |
| 26 55 53 11-0052 | EA | 400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light | 1,043.55 | 140.87 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 53 11-0053 | | **Accessories For Powerflood GE Flood Lights** *(26 55 53 11-0001)* | | |
| 26 55 53 11-0054 | EA | Wireguard For Powerflood GE Flood Light | 178.34 | 31.31 |
| 26 55 53 11-0055 | EA | Polycarbonate Vandal Shield For Powerflood GE Flood Light | 103.87 | 31.31 |
| 26 55 53 11-0056 | EA | Top Visor For Powerflood Flood Light | 150.16 | 31.31 |
| 26 55 53 11-0057 | EA | Top And Two Side Visors For Powerflood GE Flood Light | 114.94 | 31.31 |
| 26 55 53 11-0058 | EA | Pipe Wall Mounting Bracket For Powerflood GE Flood Light | 290.48 | 93.91 |
| 26 55 53 11-0059 | EA | Multiple Mounting Channel For Powerflood GE Flood Light | 126.01 | 31.31 |
| 26 55 53 11-0060 | EA | Wall Or Flat Surface Bracket For Powerflood GE Flood Light | 215.00 | 93.91 |
| 26 55 53 11-0061 | EA | Steel Angle Bracket For Powerflood GE Flood Light | 224.06 | 93.91 |
| 26 55 53 11-0062 | EA | Cross Arm Adaptor For Powerflood GE Flood Light | 94.81 | 31.31 |
| 26 55 53 11-0063 | EA | 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light | 91.79 | 31.31 |
| 26 55 53 11-0064 | | **Lithonia Contour Series Flood Lights** *(26 55 53 11)* | | |
| 26 55 53 11-0065 | | **TFM (Small Size) Series Lithonia Flood Lights** *(26 55 53 11-0064)*<br>Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle. | | |
| 26 55 53 11-0066 | | **High Pressure Sodium TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)* | | |
| 26 55 53 11-0067 | EA | 70 Watt High Pressure Sodium TFM Series Lithonia Flood Light | 630.59 | 125.22 |
| 26 55 53 11-0068 | EA | 100 Watt High Pressure Sodium TFM Series Lithonia Flood Light | 688.70 | 125.22 |
| 26 55 53 11-0069 | EA | 150 Watt High Pressure Sodium TFM Series Lithonia Flood Light | 745.59 | 125.22 |
| 26 55 53 11-0070 | | **Metal Halide TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)* | | |
| 26 55 53 11-0071 | EA | 50 Watt Metal Halide TFM Series Lithonia Flood Light | 816.60 | 125.22 |
| 26 55 53 11-0072 | EA | 70 Watt Metal Halide TFM Series Lithonia Flood Light | 802.61 | 125.22 |
| 26 55 53 11-0073 | EA | 100 Watt Metal Halide TFM Series Lithonia Flood Light | 780.07 | 125.22 |
| 26 55 53 11-0074 | EA | 175 Watt Metal Halide TFM Series Lithonia Flood Light | 778.40 | 125.22 |
| 26 55 53 11-0075 | | **Compact Fluorescent TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)* | | |
| 26 55 53 11-0076 | EA | 42 Watt Compact Fluorescent TFM Series Lithonia Flood Light | 810.81 | 125.22 |
| 26 55 53 11-0077 | | **TFL (Medium Size) Series Lithonia Flood Lights** *(26 55 53 11-0064)*<br>Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting. | | |
| 26 55 53 11-0078 | | **High Pressure Sodium TFL Series Lithonia Flood Lights** *(26 55 53 11-0077)* | | |
| 26 55 53 11-0079 | EA | 250 Watt High Pressure Sodium TFL Series Lithonia Flood Light | 964.69 | 140.87 |
| 26 55 53 11-0080 | EA | 400 Watt High Pressure Sodium TFL Series Lithonia Flood Light | 984.07 | 140.87 |
| 26 55 53 11-0081 | | **Metal Halide TFL Series Lithonia Flood Lights** *(26 55 53 11-0077)* | | |
| 26 55 53 11-0082 | EA | 175 Watt Metal Halide TFL Series Lithonia Flood Light | 921.13 | 140.87 |
| 26 55 53 11-0083 | EA | 250 Watt Metal Halide TFL Series Lithonia Flood Light | 921.13 | 140.87 |
| 26 55 53 11-0084 | EA | 400 Watt Metal Halide TFL Series Lithonia Flood Light | 951.53 | 140.87 |
| 26 55 53 11-0085 | | **TFR (Low Profile) Series Lithonia Flood Lights** *(26 55 53 11-0064)*<br>Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting. | | |
| 26 55 53 11-0086 | | **High Pressure Sodium TFR Lithonia Flood Lights** *(26 55 53 11-0085)* | | |
| 26 55 53 11-0087 | EA | 150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light | 923.72 | 125.22 |
| 26 55 53 11-0088 | EA | 250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light | 952.72 | 125.22 |
| 26 55 53 11-0089 | EA | 400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light | 976.95 | 125.22 |
| 26 55 53 11-0090 | | **Metal Halide TFR Lithonia Flood Lights** *(26 55 53 11-0085)* | | |
| 26 55 53 11-0091 | EA | 250 Watt Metal Halide TFR Series Lithonia Flood Light | 914.02 | 125.22 |
| 26 55 53 11-0092 | EA | 400 Watt Metal Halide TFR Series Lithonia Flood Light | 943.06 | 125.22 |
| 26 55 53 11-0093 | | **TFA (Large Size) Series Lithonia Flood Lights** *(26 55 53 11-0064)*<br>Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting. | | |
| 26 55 53 11-0094 | | **High Pressure Sodium TFA Series Lithonia Flood Lights** *(26 55 53 11-0093)* | | |
| 26 55 53 11-0095 | EA | 1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light | 1,790.13 | 156.52 |
| 26 55 53 11-0096 | | **Metal Halide TFA Series Lithonia Flood Lights** *(26 55 53 11-0093)* | | |
| 26 55 53 11-0097 | EA | 400 Watt Metal Halide TFA Series Lithonia Flood Light | 1,378.47 | 156.52 |
| 26 55 53 11-0098 | EA | 1,000 Watt Metal Halide TFA Series Lithonia Flood Light | 1,523.75 | 156.52 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 55 53 11-0099** | | **Accessories For Contour Series Lithonia Flood Lights** *(26 55 53 11-0064)* | | |
| 26 55 53 11-0100 | EA | Wireguard For Contour Series Lithonia Flood Light | 153.93 | 31.31 |
| 26 55 53 11-0101 | EA | Vandal Guard For Contour Series Lithonia Flood Light | 296.53 | 31.31 |
| 26 55 53 11-0102 | EA | Upper Visor For Contour Series Lithonia Flood Light | 127.02 | 31.31 |
| 26 55 53 11-0103 | EA | Full Visor For Contour Series Lithonia Flood Light | 170.59 | 31.31 |
| 26 55 53 11-0104 | EA | Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light | 381.51 | 93.91 |
| 26 55 53 11-0105 | EA | Radius Wall Bracket For Contour Series Lithonia Flood Light | 304.41 | 93.91 |
| 26 55 53 11-0106 | EA | Steel Angle Bracket For Contour Series Lithonia Flood Light | 304.41 | 93.91 |
| 26 55 53 11-0107 | EA | U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe | 335.16 | 93.91 |
| 26 55 53 11-0108 | EA | Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light | 147.30 | 31.31 |
| 26 55 53 11-0109 | EA | 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light | 117.76 | 31.31 |
| **26 55 53 11-0110** | | **Eaton Flood Lights** *(26 55 53 11)* | | |
| 26 55 53 11-0111 | EA | 6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB) | 989.45 | 125.22 |
| | | *For NEMA Photocontrol Option (Eaton OA/RA1016), Add* | *52.15* | |
| | | *For >50 To 100, Deduct* | *-31.00* | |
| | | *For >100 To 250, Deduct* | *-55.73* | |
| | | *For >250 To 500, Deduct* | *-98.95* | |
| | | *For >500, Deduct* | *-142.16* | |
| 26 55 53 11-0112 | EA | 16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016) | 1,228.19 | 137.23 |
| | | *For >50 To 100, Deduct* | *-37.57* | |
| | | *For >100 To 250, Deduct* | *-68.27* | |
| | | *For >250 To 500, Deduct* | *-122.82* | |
| | | *For >500, Deduct* | *-177.37* | |
| **26 55 53 11-0113** | | **Ruud Flood Lights** *(26 55 53 11)* | | |
| **26 55 53 11-0114** | | **NS (Micro) Series Ruud Flood Lights** *(26 55 53 11-0113)* Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle. | | |
| **26 55 53 11-0115** | | **High Pressure Sodium NS Series Ruud Flood Lights** *(26 55 53 11-0114)* | | |
| 26 55 53 11-0116 | EA | 35 Watt High Pressure Sodium NS Series Ruud Flood Light | 415.27 | 93.91 |
| 26 55 53 11-0117 | EA | 50 Watt High Pressure Sodium NS Series Ruud Flood Light | 415.27 | 93.91 |
| 26 55 53 11-0118 | EA | 70 Watt High Pressure Sodium NS Series Ruud Flood Light | 415.27 | 93.91 |
| 26 55 53 11-0119 | EA | 100 Watt High Pressure Sodium NS Series Ruud Flood Light | 415.27 | 93.91 |
| 26 55 53 11-0120 | EA | 150 Watt High Pressure Sodium NS Series Ruud Flood Light | 415.27 | 93.91 |
| **26 55 53 11-0121** | | **Metal Halide NS Series Ruud Flood Lights** *(26 55 53 11-0114)* | | |
| 26 55 53 11-0122 | EA | 50 Watt Metal Halide NS Series Ruud Flood Light | 471.62 | 93.91 |
| 26 55 53 11-0123 | EA | 70 Watt Metal Halide NS Series Ruud Flood Light | 471.62 | 93.91 |
| 26 55 53 11-0124 | EA | 100 Watt Metal Halide NS Series Ruud Flood Light | 471.62 | 93.91 |
| **26 55 53 11-0125** | | **Compact Fluorescent NS Series Ruud Flood Lights** *(26 55 53 11-0114)* | | |
| 26 55 53 11-0126 | EA | 13 Watt Compact Fluorescent NS Series Ruud Flood Light | 356.90 | 93.91 |
| 26 55 53 11-0127 | EA | 26 Watt Compact Fluorescent NS Series Ruud Flood Light | 370.99 | 93.91 |
| 26 55 53 11-0128 | EA | 32 Watt Compact Fluorescent NS Series Ruud Flood Light | 375.01 | 93.91 |
| 26 55 53 11-0129 | EA | 42 Watt Compact Fluorescent NS Series Ruud Flood Light | 379.04 | 93.91 |
| **26 55 53 11-0130** | | **NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights** *(26 55 53 11-0113)* Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting. | | |
| **26 55 53 11-0131** | | **High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)* | | |
| 26 55 53 11-0132 | EA | 150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light | 640.00 | 140.87 |
| 26 55 53 11-0133 | EA | 250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light | 676.23 | 140.87 |
| 26 55 53 11-0134 | EA | 400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light | 696.36 | 140.87 |
| **26 55 53 11-0135** | | **Metal Halide NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)* | | |
| 26 55 53 11-0136 | EA | 175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light | 631.95 | 140.87 |
| 26 55 53 11-0137 | EA | 250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light | 635.98 | 140.87 |
| 26 55 53 11-0138 | EA | 400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light | 648.05 | 140.87 |
| **26 55 53 11-0139** | | **Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)* | | |
| 26 55 53 11-0140 | EA | 70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light | 617.86 | 140.87 |
| **26 55 53 11-0141** | | **FS (Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting. | | |
| **26 55 53 11-0142** | | **High Pressure Sodium FS Series Ruud Flood Lights** *(26 55 53 11-0141)* | | |
| 26 55 53 11-0143 | EA | 250 Watt High Pressure Sodium FS Series Ruud Flood Light | 746.67 | 140.87 |
| 26 55 53 11-0144 | EA | 400 Watt High Pressure Sodium FS Series Ruud Flood Light | 750.70 | 140.87 |
| 26 55 53 11-0145 | EA | 1,000 Watt High Pressure Sodium FS Series Ruud Flood Light | 1,269.08 | 156.52 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 55 53 11-0146** | | **Metal Halide FS Series Ruud Flood Lights** *(26 55 53 11-0141)* | | |
| 26 55 53 11-0147 | EA | 175 Watt Metal Halide FS Series Ruud Flood Light | 746.67 | 140.87 |
| 26 55 53 11-0148 | EA | 250 Watt Metal Halide FS Series Ruud Flood Light | 750.70 | 140.87 |
| 26 55 53 11-0149 | EA | 400 Watt Metal Halide FS Series Ruud Flood Light | 762.78 | 140.87 |
| 26 55 53 11-0150 | EA | 1,000 Watt Metal Halide FS Series Ruud Flood Light | 1,136.24 | 156.52 |
| **26 55 53 11-0151** | | **MFS (Mini Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* | | |
| | | Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting. | | |
| **26 55 53 11-0152** | | **High Pressure Sodium MFS Series Ruud Flood Lights** *(26 55 53 11-0151)* | | |
| 26 55 53 11-0153 | EA | 35 Watt High Pressure Sodium MFS Series Ruud Flood Light | 586.55 | 125.22 |
| 26 55 53 11-0154 | EA | 50 Watt High Pressure Sodium MFS Series Ruud Flood Light | 628.82 | 125.22 |
| 26 55 53 11-0155 | EA | 70 Watt High Pressure Sodium MFS Series Ruud Flood Light | 628.82 | 125.22 |
| 26 55 53 11-0156 | EA | 100 Watt High Pressure Sodium MFS Series Ruud Flood Light | 628.82 | 125.22 |
| 26 55 53 11-0157 | EA | 150 Watt High Pressure Sodium MFS Series Ruud Flood Light | 628.82 | 125.22 |
| **26 55 53 11-0158** | | **Metal Halide MFS Series Ruud Flood Lights** *(26 55 53 11-0151)* | | |
| 26 55 53 11-0159 | EA | 50 Watt Metal Halide MFS Series Ruud Flood Light | 642.91 | 125.22 |
| 26 55 53 11-0160 | EA | 70 Watt Metal Halide MFS Series Ruud Flood Light | 642.91 | 125.22 |
| 26 55 53 11-0161 | EA | 100 Watt Metal Halide MFS Series Ruud Flood Light | 642.91 | 125.22 |
| 26 55 53 11-0162 | EA | 175 Watt Metal Halide MFS Series Ruud Flood Light | 620.77 | 125.22 |
| **26 55 53 11-0163** | | **MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* | | |
| | | Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting. | | |
| **26 55 53 11-0164** | | **High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights** *(26 55 53 11-0163)* | | |
| 26 55 53 11-0165 | EA | 35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light | 636.87 | 125.22 |
| 26 55 53 11-0166 | EA | 50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light | 679.14 | 125.22 |
| 26 55 53 11-0167 | EA | 70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light | 679.14 | 125.22 |
| 26 55 53 11-0168 | EA | 100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light | 679.14 | 125.22 |
| 26 55 53 11-0169 | EA | 150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light | 679.14 | 125.22 |
| **26 55 53 11-0170** | | **Metal Halide MCF/MPM/MPN Series Ruud Flood Lights** *(26 55 53 11-0163)* | | |
| 26 55 53 11-0171 | EA | 50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light | 693.22 | 125.22 |
| 26 55 53 11-0172 | EA | 70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light | 693.22 | 125.22 |
| 26 55 53 11-0173 | EA | 100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light | 693.22 | 125.22 |
| 26 55 53 11-0174 | EA | 175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light | 671.08 | 125.22 |
| **26 55 53 11-0175** | | **CF (Cutoff Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* | | |
| | | Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting. | | |
| **26 55 53 11-0176** | | **High Pressure Sodium CF Series Ruud Flood Lights** *(26 55 53 11-0175)* | | |
| 26 55 53 11-0177 | EA | 250 Watt High Pressure Sodium CF Series Ruud Flood Light | 841.27 | 140.87 |
| 26 55 53 11-0178 | EA | 400 Watt High Pressure Sodium CF Series Ruud Flood Light | 861.40 | 140.87 |
| 26 55 53 11-0179 | EA | 1,000 Watt High Pressure Sodium CF Series Ruud Flood Light | 1,319.40 | 156.52 |
| **26 55 53 11-0180** | | **Metal Halide CF Series Ruud Flood Lights** *(26 55 53 11-0175)* | | |
| 26 55 53 11-0181 | EA | 175 Watt Metal Halide CF Series Ruud Flood Light | 796.99 | 140.87 |
| 26 55 53 11-0182 | EA | 250 Watt Metal Halide CF Series Ruud Flood Light | 801.02 | 140.87 |
| 26 55 53 11-0183 | EA | 400 Watt Metal Halide CF Series Ruud Flood Light | 813.09 | 140.87 |
| 26 55 53 11-0184 | EA | 1,000 Watt Metal Halide CF Series Ruud Flood Light | 1,186.56 | 156.52 |
| **26 55 53 11-0185** | | **CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* | | |
| | | Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting. | | |
| **26 55 53 11-0186** | | **High Pressure Sodium CN Series Ruud Flood Lights** *(26 55 53 11-0185)* | | |
| 26 55 53 11-0187 | EA | 400 High Pressure Sodium CN Series Ruud Flood Light | 1,085.93 | 156.52 |
| 26 55 53 11-0188 | EA | 1,000 High Pressure Sodium CN Series Ruud Flood Light | 1,295.25 | 156.52 |
| **26 55 53 11-0189** | | **Metal Halide CN Series Ruud Flood Lights** *(26 55 53 11-0185)* | | |
| 26 55 53 11-0190 | EA | 400 Watt Metal Halide CN Series Ruud Flood Light | 1,037.62 | 156.52 |
| 26 55 53 11-0191 | EA | 1,000 Watt Metal Halide CN Series Ruud Flood Light | 1,162.41 | 156.52 |
| **26 55 53 11-0192** | | **PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* | | |
| | | Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting. | | |
| **26 55 53 11-0193** | | **High Pressure Sodium PM/PN Series Ruud Flood Lights** *(26 55 53 11-0192)* | | |
| 26 55 53 11-0194 | EA | 250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light | 869.45 | 140.87 |
| 26 55 53 11-0195 | EA | 400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light | 889.58 | 140.87 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 53 11-0196 | | Metal Halide PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)* | | |
| 26 55 53 11-0197 | EA | 175 Watt Metal Halide PM/PN Series Ruud Flood Light | 825.17 | 140.87 |
| 26 55 53 11-0198 | EA | 250 Watt Metal Halide PM/PN Series Ruud Flood Light | 829.19 | 140.87 |
| 26 55 53 11-0199 | EA | 400 Watt Metal Halide PM/PN Series Ruud Flood Light | 841.27 | 140.87 |
| 26 55 53 11-0200 | EA | 1,000 Watt Metal Halide PM/PN Series Ruud Flood Light | 1,214.74 | 156.52 |
| 26 55 53 11-0201 | | Accessories For Ruud Flood Lighting *(26 55 53 11-0113)* | | |
| 26 55 53 11-0202 | EA | Wireguard For Rudd Flood Light | 92.80 | 31.31 |
| 26 55 53 11-0203 | EA | Deep Baffle (Full Visor) For Rudd Flood Light | 147.14 | 31.31 |
| 26 55 53 11-0204 | EA | Glare Guard (Upper Visor) For Rudd Flood Light | 106.89 | 31.31 |
| 26 55 53 11-0205 | EA | Vandal Shield For Rudd Flood Light | 127.02 | 31.31 |
| 26 55 53 11-0206 | EA | Pipe Mounting Bracket For Ruud Flood Light | 256.26 | 93.91 |
| 26 55 53 11-0207 | EA | 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light | 80.72 | 31.31 |
| 26 55 53 11-0208 | | Lumark Flood Lights *(26 55 53 11)* | | |
| 26 55 53 11-0209 | | QZ Wedge Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*<br>Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets. | | |
| 26 55 53 11-0210 | EA | 500 Watt QZ Wedge Series Quartz Lumark Flood Light | 228.99 | 93.91 |
| 26 55 53 11-0211 | | LQL Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*<br>Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets. | | |
| 26 55 53 11-0212 | EA | 1,500 Watt LQL Series Quartz Lumark Flood Light | 288.36 | 93.91 |
| 26 55 53 11-0213 | | Kim Lighting *(26 55 53 11)* | | |
| 26 55 53 11-0214 | | MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*<br>Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle. | | |
| 26 55 53 11-0215 | | LED MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0214)* | | |
| 26 55 53 11-0216 | EA | 5 Watt, LED MicroFlood® Series Kim Lighting Flood Light | 473.33 | 38.56 |
| | | *For >50 To 100, Deduct* | *-13.76* | |
| | | *For >100 To 250, Deduct* | *-25.60* | |
| | | *For >250 To 500, Deduct* | *-47.33* | |
| | | *For >500, Deduct* | *-69.07* | |
| 26 55 53 11-0217 | EA | 15 Watt, LED MicroFlood® Series Kim Lighting Flood Light | 585.00 | 38.56 |
| | | *For >50 To 100, Deduct* | *-16.55* | |
| | | *For >100 To 250, Deduct* | *-31.18* | |
| | | *For >250 To 500, Deduct* | *-58.50* | |
| | | *For >500, Deduct* | *-85.82* | |
| 26 55 53 11-0218 | | Scarab® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*<br>Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle. | | |
| 26 55 53 11-0219 | | LED Scarab® Series Kim Lighting Accent Flood Lights *(26 55 53 11-0218)*<br>Note: Spot or narrow style accent flood lights. | | |
| 26 55 53 11-0220 | EA | 6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light | 722.34 | 38.56 |
| | | *For >50 To 100, Deduct* | *-19.99* | |
| | | *For >100 To 250, Deduct* | *-38.05* | |
| | | *For >250 To 500, Deduct* | *-72.23* | |
| | | *For >500, Deduct* | *-106.42* | |
| 26 55 53 11-0221 | | CREE® BetaLED® Flood Lights *(26 55 53 11)* | | |
| 26 55 53 11-0222 | | Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) *(26 55 53 11-0221)*<br>Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |
| 26 55 53 11-0223 | EA | 40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304) | 1,004.68 | 112.28 |
| | | *For >50 To 100, Deduct* | *-30.73* | |
| | | *For >100 To 250, Deduct* | *-55.85* | |
| | | *For >250 To 500, Deduct* | *-100.47* | |
| | | *For >500, Deduct* | *-145.09* | |
| 26 55 53 11-0224 | EA | 60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304) | 1,099.74 | 118.52 |
| | | *For >50 To 100, Deduct* | *-33.42* | |
| | | *For >100 To 250, Deduct* | *-60.91* | |
| | | *For >250 To 500, Deduct* | *-109.97* | |
| | | *For >500, Deduct* | *-159.04* | |
| 26 55 53 11-0225 | | Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) *(26 55 53 11-0221)*<br>Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 53 11-0226 | EA | 20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG) | 874.05 | 106.05 |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For >50 To 100, Deduct* | *-27.15* | |
| | | *For >100 To 250, Deduct* | *-49.00* | |
| | | *For >250 To 500, Deduct* | *-87.41* | |
| | | *For >500, Deduct* | *-125.81* | |
| 26 55 53 11-0227 | EA | 40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG) | 1,095.79 | 112.28 |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For >50 To 100, Deduct* | *-33.01* | |
| | | *For >100 To 250, Deduct* | *-60.40* | |
| | | *For >250 To 500, Deduct* | *-109.58* | |
| | | *For >500, Deduct* | *-158.75* | |
| 26 55 53 11-0228 | EA | 60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG) | 1,317.54 | 118.52 |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For >50 To 100, Deduct* | *-38.86* | |
| | | *For >100 To 250, Deduct* | *-71.80* | |
| | | *For >250 To 500, Deduct* | *-131.75* | |
| | | *For >500, Deduct* | *-191.71* | |
| 26 55 53 11-0229 | EA | 80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG) | 1,623.27 | 124.76 |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For >50 To 100, Deduct* | *-46.82* | |
| | | *For >100 To 250, Deduct* | *-87.40* | |
| | | *For >250 To 500, Deduct* | *-162.33* | |
| | | *For >500, Deduct* | *-237.25* | |
| 26 55 53 11-0230 | EA | 100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG) | 1,845.01 | 130.99 |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For >50 To 100, Deduct* | *-52.67* | |
| | | *For >100 To 250, Deduct* | *-98.80* | |
| | | *For >250 To 500, Deduct* | *-184.50* | |
| | | *For >500, Deduct* | *-270.20* | |
| 26 55 53 11-0231 | EA | 120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG) | 2,066.76 | 137.23 |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For >50 To 100, Deduct* | *-58.53* | |
| | | *For >100 To 250, Deduct* | *-110.20* | |
| | | *For >250 To 500, Deduct* | *-206.68* | |
| | | *For >500, Deduct* | *-303.15* | |
| 26 55 53 11-0232 | EA | 140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG) | 2,355.41 | 143.47 |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For >50 To 100, Deduct* | *-66.06* | |
| | | *For >100 To 250, Deduct* | *-124.94* | |
| | | *For >250 To 500, Deduct* | *-235.54* | |
| | | *For >500, Deduct* | *-346.14* | |
| 26 55 53 11-0233 | EA | 160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG) | 2,577.15 | 149.70 |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For >50 To 100, Deduct* | *-71.91* | |
| | | *For >100 To 250, Deduct* | *-136.34* | |
| | | *For >250 To 500, Deduct* | *-257.72* | |
| | | *For >500, Deduct* | *-379.09* | |

### 26 55 53 11-0234 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 55 53 11-0235 | EA | 120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO) | 1,982.77 | 137.23 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Bird Spikes, Add* | *40.17* | |
| | | *For 5,000K Color Temperature, Add* | *41.98* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For 1,000mA Driver, Add* | *141.04* | |
| | | *For >50 To 100, Deduct* | *-56.43* | |
| | | *For >100 To 250, Deduct* | *-106.00* | |
| | | *For >250 To 500, Deduct* | *-198.28* | |
| | | *For >500, Deduct* | *-290.55* | |
| 26 55 53 11-0236 | EA | 240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO) | 3,349.74 | 168.41 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For 5,000K Color Temperature, Add* | *41.98* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For Bird Spikes, Add* | *59.16* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For 1,000mA Driver, Add* | *141.04* | |
| | | *For 480 Volt, Add* | *151.10* | |
| | | *For >50 To 100, Deduct* | *-92.16* | |
| | | *For >100 To 250, Deduct* | *-175.91* | |
| | | *For >250 To 500, Deduct* | *-334.97* | |
| | | *For >500, Deduct* | *-494.04* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 53 11-0237 | | Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 55 53 11-0221)* | | |
| | | Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |
| 26 55 53 11-0238 | EA | 112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL) | 1,173.57 | 137.23 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Front Facing Optics, Back Light Shield, Add* | *31.34* | |
| | | *For Rotated Optics, Back Light Shield, Add* | *31.34* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-36.20* | |
| | | *For >100 To 250, Deduct* | *-65.54* | |
| | | *For >250 To 500, Deduct* | *-117.36* | |
| | | *For >500, Deduct* | *-169.17* | |
| 26 55 53 11-0239 | EA | 168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL) | 1,252.91 | 137.23 |
| | | Note: Type III, IV or V medium optics only. | | |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Front Facing Optics, Back Light Shield, Add* | *31.34* | |
| | | *For Rotated Optics, Back Light Shield, Add* | *31.34* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For Type II Medium Or Type V Short Optics, Add* | *408.21* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-38.18* | |
| | | *For >100 To 250, Deduct* | *-69.51* | |
| | | *For >250 To 500, Deduct* | *-125.29* | |
| | | *For >500, Deduct* | *-181.08* | |
| 26 55 53 11-0240 | EA | 223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL) | 1,606.17 | 168.41 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Front Facing Optics, Back Light Shield, Add* | *37.99* | |
| | | *For Rotated Optics, Back Light Shield, Add* | *37.99* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-48.58* | |
| | | *For >100 To 250, Deduct* | *-88.73* | |
| | | *For >250 To 500, Deduct* | *-160.62* | |
| | | *For >500, Deduct* | *-232.50* | |
| 26 55 53 11-0241 | | PlanLED Flood Lights *(26 55 53 11)* | | |
| 26 55 53 11-0242 | | Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 55 53 11-0241)* | | |
| 26 55 53 11-0243 | EA | 6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050) | 585.52 | 112.28 |
| | | *For >50 To 100, Deduct* | *-20.25* | |
| | | *For >100 To 250, Deduct* | *-34.89* | |
| | | *For >250 To 500, Deduct* | *-58.55* | |
| | | *For >500, Deduct* | *-82.21* | |
| 26 55 53 11-0244 | EA | 9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075) | 699.83 | 118.52 |
| | | *For >50 To 100, Deduct* | *-23.42* | |
| | | *For >100 To 250, Deduct* | *-40.92* | |
| | | *For >250 To 500, Deduct* | *-69.98* | |
| | | *For >500, Deduct* | *-99.05* | |
| 26 55 53 11-0245 | EA | 12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100) | 807.39 | 127.87 |
| | | *For >50 To 100, Deduct* | *-26.58* | |
| | | *For >100 To 250, Deduct* | *-46.76* | |
| | | *For >250 To 500, Deduct* | *-80.74* | |
| | | *For >500, Deduct* | *-114.71* | |
| 26 55 53 11-0246 | | Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 55 53 11-0241)* | | |
| 26 55 53 11-0247 | EA | 21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200) | 1,637.47 | 249.51 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For >50 To 100, Deduct* | *-53.41* | |
| | | *For >100 To 250, Deduct* | *-94.35* | |
| | | *For >250 To 500, Deduct* | *-163.75* | |
| | | *For >500, Deduct* | *-233.15* | |
| 26 55 53 11-0248 | EA | 42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400) | 2,535.27 | 249.51 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For >50 To 100, Deduct* | *-75.86* | |
| | | *For >100 To 250, Deduct* | *-139.24* | |
| | | *For >250 To 500, Deduct* | *-253.53* | |
| | | *For >500, Deduct* | *-367.82* | |
| 26 55 53 11-0249 | EA | 84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800) | 4,467.88 | 249.51 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For >50 To 100, Deduct* | *-124.17* | |
| | | *For >100 To 250, Deduct* | *-235.87* | |
| | | *For >250 To 500, Deduct* | *-446.79* | |
| | | *For >500, Deduct* | *-657.71* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 53 11-0250 | | Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 55 53 11-0241)* | | |
| 26 55 53 11-0251 | EA | 26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200) | 1,448.01 | 162.18 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For 480 Volt, Add* | *-31.46* | |
| | | *For >50 To 100, Deduct* | *-44.31* | |
| | | *For >100 To 250, Deduct* | *-80.51* | |
| | | *For >250 To 500, Deduct* | *-144.80* | |
| | | *For >500, Deduct* | *-209.09* | |
| 26 55 53 11-0252 | EA | 39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300) | 1,852.93 | 168.41 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For 480 Volt, Add* | *95.57* | |
| | | *For >50 To 100, Deduct* | *-54.74* | |
| | | *For >100 To 250, Deduct* | *-101.07* | |
| | | *For >250 To 500, Deduct* | *-185.29* | |
| | | *For >500, Deduct* | *-269.52* | |
| 26 55 53 11-0253 | EA | 52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400) | 2,363.36 | 174.66 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For 480 Volt, Add* | *76.71* | |
| | | *For >50 To 100, Deduct* | *-67.82* | |
| | | *For >100 To 250, Deduct* | *-126.90* | |
| | | *For >250 To 500, Deduct* | *-236.34* | |
| | | *For >500, Deduct* | *-345.77* | |

## 26 55 53 12 Security Hazardous Location Flood Lights *(26 55 53)*

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

| | | | | |
|---|---|---|---|---|
| 26 55 53 12-0001 | | Lithonia Hazardous Location Flood Lights *(26 55 53 12)* | | |
| 26 55 53 12-0002 | | HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* | | |
| | | Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting. | | |
| 26 55 53 12-0003 | | High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 55 53 12-0002)* | | |
| 26 55 53 12-0004 | EA | 150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 915.24 | 125.22 |
| 26 55 53 12-0005 | EA | 250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 977.64 | 125.22 |
| 26 55 53 12-0006 | EA | 400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 917.26 | 125.22 |
| 26 55 53 12-0007 | | Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0002)* | | |
| 26 55 53 12-0008 | EA | 250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 970.98 | 125.22 |
| 26 55 53 12-0009 | EA | 400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 941.41 | 125.22 |
| 26 55 53 12-0010 | | HFM (Medium Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* | | |
| | | Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting. | | |
| 26 55 53 12-0011 | | High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)* | | |
| 26 55 53 12-0012 | EA | 100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 872.35 | 125.22 |
| 26 55 53 12-0013 | EA | 150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 909.59 | 125.22 |
| 26 55 53 12-0014 | | Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)* | | |
| 26 55 53 12-0015 | EA | 175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 771.72 | 125.22 |
| 26 55 53 12-0016 | | HFA (Large) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* | | |
| | | Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting. | | |
| 26 55 53 12-0017 | | High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)* | | |
| 26 55 53 12-0018 | EA | 250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 1,232.85 | 156.52 |
| 26 55 53 12-0019 | EA | 400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 1,250.97 | 156.52 |
| 26 55 53 12-0020 | | Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)* | | |
| 26 55 53 12-0021 | EA | 250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 1,226.82 | 156.52 |
| 26 55 53 12-0022 | EA | 400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 1,250.97 | 156.52 |
| 26 55 53 12-0023 | | HFL (Medium) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* | | |
| | | Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 53 12-0024 | | High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)* | | |
| 26 55 53 12-0025 | EA | 400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 915.74 | 140.87 |
| 26 55 53 12-0026 | | Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)* | | |
| 26 55 53 12-0027 | EA | 400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light | 986.18 | 140.87 |
| 26 55 53 12-0028 | | Accessories For Lithonia Hazardous Location Flood Lights *(26 55 53 12-0001)*<br>See CSI section 26 55 53 11-0099 for accessories. | | |
| **26 55 53 13** | | **Security High Performance Flood Lights** ***(26 55 53)***<br>Note: For airport aprons and parking areas. | | |
| 26 55 53 13-0001 | | Lithonia High Performance Flood Lights *(26 55 53 13)* | | |
| 26 55 53 13-0002 | | 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0001)*<br>Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens. | | |
| 26 55 53 13-0003 | | High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)* | | |
| 26 55 53 13-0004 | EA | 250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light | 2,124.69 | 187.83 |
| 26 55 53 13-0005 | EA | 400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light | 2,289.73 | 187.83 |
| 26 55 53 13-0006 | EA | 750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light | 2,297.78 | 187.83 |
| 26 55 53 13-0007 | EA | 1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light | 2,549.37 | 187.83 |
| 26 55 53 13-0008 | | Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)* | | |
| 26 55 53 13-0009 | EA | 320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light | 2,444.71 | 187.83 |
| 26 55 53 13-0010 | EA | 350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light | 2,333.10 | 187.83 |
| 26 55 53 13-0011 | EA | 400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light | 2,227.33 | 187.83 |
| 26 55 53 13-0012 | EA | 1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light | 2,331.99 | 187.83 |
| 26 55 53 13-0013 | | Accessories For Lithonia High Performance Flood Lights *(26 55 53 13-0002)*<br>See CSI section 26 55 53 11-0099 for accessories. | | |
| **26 55 61** | | **Theatrical Lighting** ***(26 55)*** | | |
| 26 55 61 00-0001 | | Stage Lighting *(26 55 61)* | | |
| 26 55 61 00-0002 | EA | Ellipsoidal Spotlight, Two 6" x 9" Lenses<br>Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp. | 569.35 | 133.64 |
| 26 55 61 00-0003 | EA | Ellipsoidal Spotlight, Two 6" x 12" Lenses<br>Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp. | 569.35 | 133.64 |
| 26 55 61 00-0004 | EA | Ellipsoidal Spotlight, Two 6" x 16" Lenses<br>Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp. | 569.35 | 133.64 |
| 26 55 61 00-0005 | EA | 14" Scoop Floodlight Altman #SC14 | 587.08 | 133.64 |
| 26 55 61 00-0006 | EA | 6" Diameter Fresnel Spotlight, Spherical Specular Alzak<br>Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp. | 402.75 | 133.64 |
| 26 55 61 00-0007 | EA | 8" Diameter Fresnel Spotlight, Spherical Specular Alzak<br>Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp. | 659.13 | 133.64 |
| 26 55 61 00-0008 | EA | Follow Spotlight With Steel Chassis And Lightweight<br>Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand. | 1,976.22 | 133.64 |
| 26 55 61 00-0009 | EA | Follow Spotlight With Steel Chassis And Lightweight<br>Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand. | 2,379.77 | 133.64 |
| 26 55 61 00-0010 | EA | PAR 64 Can Lighting With 20 Gauge Sheet Steel<br>Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector. | 339.71 | 133.64 |
| 26 55 61 00-0011 | EA | 6' Long Borderlight Sections<br>Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish. | 1,160.87 | 133.64 |
| 26 55 61 00-0012 | EA | 1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S) | 2,564.27 | 133.64 |
| **26 55 68** | | **Athletic Field Lighting** ***(26 55)*** | | |
| 26 55 68 00-0001 | | Sports Lighting System *(26 55 68)*<br>Note: Musco. | | |
| 26 55 68 00-0002 | | Round Steel Tapered Poles *(26 55 68 00-0001)*<br>Note: With Internal wiring harness. | | |
| 26 55 68 00-0003 | EA | 20' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 3,617.43 | 601.04 |
| 26 55 68 00-0004 | EA | 25' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 4,352.81 | 726.25 |
| 26 55 68 00-0005 | EA | 30' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 4,906.66 | 788.87 |
| 26 55 68 00-0006 | EA | 35' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 5,366.61 | 820.17 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 55 68 00-0007 | EA | 40' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 6,737.01 | 851.47 |
| 26 55 68 00-0008 | EA | 45' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 7,730.13 | 1,039.30 |
| 26 55 68 00-0009 | EA | 50' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 8,307.47 | 1,101.91 |
| 26 55 68 00-0010 | EA | 55' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 9,436.88 | 1,252.17 |
| 26 55 68 00-0011 | EA | 60' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 10,714.46 | 1,408.69 |
| 26 55 68 00-0012 | EA | 65' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 11,776.92 | 1,517.94 |
| 26 55 68 00-0013 | EA | 70' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 12,842.40 | 1,696.52 |
| 26 55 68 00-0014 | EA | 75' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 13,997.56 | 1,904.86 |
| 26 55 68 00-0015 | EA | 80' Steel Tapered Pole With Precast Concrete Foundation Sleeve | 15,690.71 | 2,291.79 |

### 26 55 68 00-0016 Steel Pole Brackets *(26 55 68 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 55 68 00-0017 | EA | Two Light Bracket | 535.86 | 62.61 |
| 26 55 68 00-0018 | EA | Three Light Bracket | 674.44 | 87.65 |
| 26 55 68 00-0019 | EA | Four Light Bracket | 971.76 | 106.44 |
| 26 55 68 00-0020 | EA | Five Light Bracket | 1,107.28 | 125.22 |
| 26 55 68 00-0021 | EA | Six Light Bracket | 1,342.90 | 143.99 |
| 26 55 68 00-0022 | EA | Seven Light Bracket | 1,537.66 | 162.78 |
| 26 55 68 00-0023 | EA | Eight Light Bracket | 1,758.06 | 187.83 |
| 26 55 68 00-0024 | EA | Nine Light Bracket | 1,986.21 | 206.61 |

### 26 55 68 00-0025 Light Fixtures *(26 55 68 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 55 68 00-0026 | EA | 120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug | 1,334.65 | |
| | | *For 1,500 Watt Metal Halide Lamp, Add* | *13.22* | |

### 26 55 68 00-0027 Electrical Component Enclosure *(26 55 68 00-0001)*

Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.

| | | | | |
|---|---|---|---|---|
| 26 55 68 00-0028 | EA | Electrical Component Enclosure For 2 Lights, Pole Mounted | 889.36 | 71.49 |
| 26 55 68 00-0029 | EA | Electrical Component Enclosure For 3 Lights, Pole Mounted | 1,334.57 | 109.99 |
| 26 55 68 00-0030 | EA | Electrical Component Enclosure For 4 Lights, Pole Mounted | 1,531.24 | 137.49 |
| 26 55 68 00-0031 | EA | Electrical Component Enclosure For 5 Lights, Pole Mounted | 1,979.86 | 153.99 |
| 26 55 68 00-0032 | EA | Electrical Component Enclosure For 6 Lights, Pole Mounted | 2,226.29 | 164.99 |

### 26 55 68 00-0033 Accessories *(26 55 68 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 55 68 00-0034 | EA | Time Delay Kit (Musco®) | 906.59 | 220.38 |
| 26 55 68 00-0035 | EA | Remote Switch Box Push Button (Musco®) | 1,838.26 | 220.38 |
| 26 55 68 00-0036 | EA | Push Button Strobe Kit (Musco®) | 2,210.92 | 220.38 |
| 26 55 68 00-0037 | EA | Additional Control-Link Unit (Musco®) | 10,638.94 | 661.15 |
| 26 55 68 00-0038 | EA | Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®) | 1,151.65 | 109.99 |
| 26 55 68 00-0039 | EA | Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®) | 1,371.63 | 219.99 |

## 26 56 Exterior Lighting *(26 50)*

### 26 56 13 Lighting Poles and Standards *(26 56)*

#### 26 56 13 00-0001 Poles And Standards *(26 56 13)*

See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole.

#### 26 56 13 00-0002 Roadway Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

#### 26 56 13 00-0003 Steel Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

#### 26 56 13 00-0004 Round Tapered, Steel Roadway Light Poles *(26 56 13 00-0003)*

#### 26 56 13 00-0005 Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0004)*

#### 26 56 13 00-0006 Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0005)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0007 | EA | 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 2,608.69 | 375.65 |
| | | *For Galvanized Finish, Add* | *55.72* | |
| | | *For >10 To 20, Deduct* | *-65.22* | |
| | | *For >20 To 40, Deduct* | *-130.43* | |
| | | *For >40, Deduct* | *-214.43* | |
| 26 56 13 00-0008 | EA | 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 2,613.27 | 375.65 |
| | | *For Galvanized Finish, Add* | *55.86* | |
| | | *For >10 To 20, Deduct* | *-65.33* | |
| | | *For >20 To 40, Deduct* | *-130.66* | |
| | | *For >40, Deduct* | *-214.78* | |
| 26 56 13 00-0009 | EA | 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 2,890.92 | 500.87 |
| | | *For Galvanized Finish, Add* | *56.68* | |
| | | *For >10 To 20, Deduct* | *-72.27* | |
| | | *For >20 To 40, Deduct* | *-144.55* | |
| | | *For >40, Deduct* | *-241.86* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0010 | EA | 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 2,946.12 | 500.87 |
| | | *For Galvanized Finish, Add* | *58.33* | |
| | | *For >10 To 20, Deduct* | *-73.65* | |
| | | *For >20 To 40, Deduct* | *-147.31* | |
| | | *For >40, Deduct* | *-246.00* | |
| 26 56 13 00-0011 | EA | 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base | 3,001.32 | 500.87 |
| | | *For Galvanized Finish, Add* | *59.99* | |
| | | *For >10 To 20, Deduct* | *-75.03* | |
| | | *For >20 To 40, Deduct* | *-150.07* | |
| | | *For >40, Deduct* | *-250.14* | |
| 26 56 13 00-0012 | EA | 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 3,138.16 | 563.48 |
| | | *For Galvanized Finish, Add* | *60.34* | |
| | | *For >10 To 20, Deduct* | *-78.45* | |
| | | *For >20 To 40, Deduct* | *-156.91* | |
| | | *For >40, Deduct* | *-263.54* | |
| 26 56 13 00-0013 | EA | 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 3,164.33 | 563.48 |
| | | *For Galvanized Finish, Add* | *61.12* | |
| | | *For >10 To 20, Deduct* | *-79.11* | |
| | | *For >20 To 40, Deduct* | *-158.22* | |
| | | *For >40, Deduct* | *-265.50* | |
| 26 56 13 00-0014 | EA | 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base | 3,169.31 | 563.48 |
| | | *For Galvanized Finish, Add* | *61.27* | |
| | | *For >10 To 20, Deduct* | *-79.23* | |
| | | *For >20 To 40, Deduct* | *-158.47* | |
| | | *For >40, Deduct* | *-265.87* | |
| 26 56 13 00-0015 | EA | 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 3,324.86 | 594.78 |
| | | *For Galvanized Finish, Add* | *64.06* | |
| | | *For >10 To 20, Deduct* | *-83.12* | |
| | | *For >20 To 40, Deduct* | *-166.24* | |
| | | *For >40, Deduct* | *-279.10* | |
| 26 56 13 00-0016 | EA | 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 3,344.63 | 594.78 |
| | | *For Galvanized Finish, Add* | *64.65* | |
| | | *For >10 To 20, Deduct* | *-83.62* | |
| | | *For >20 To 40, Deduct* | *-167.23* | |
| | | *For >40, Deduct* | *-280.59* | |
| 26 56 13 00-0017 | EA | 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base | 3,366.22 | 594.78 |
| | | *For Galvanized Finish, Add* | *65.30* | |
| | | *For >10 To 20, Deduct* | *-84.16* | |
| | | *For >20 To 40, Deduct* | *-168.31* | |
| | | *For >40, Deduct* | *-282.21* | |
| 26 56 13 00-0018 | EA | 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 3,815.55 | 626.08 |
| | | *For Galvanized Finish, Add* | *76.90* | |
| | | *For >10 To 20, Deduct* | *-95.39* | |
| | | *For >20 To 40, Deduct* | *-190.78* | |
| | | *For >40, Deduct* | *-317.47* | |
| 26 56 13 00-0019 | EA | 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 3,822.58 | 626.08 |
| | | *For Galvanized Finish, Add* | *77.11* | |
| | | *For >10 To 20, Deduct* | *-95.56* | |
| | | *For >20 To 40, Deduct* | *-191.13* | |
| | | *For >40, Deduct* | *-318.00* | |
| 26 56 13 00-0020 | EA | 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base | 3,829.54 | 626.08 |
| | | *For Galvanized Finish, Add* | *77.32* | |
| | | *For >10 To 20, Deduct* | *-95.74* | |
| | | *For >20 To 40, Deduct* | *-191.48* | |
| | | *For >40, Deduct* | *-318.52* | |

### 26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0022 | EA | 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 3,234.91 | 438.26 |
| | | *For Galvanized Finish, Add* | *70.75* | |
| | | *For >10 To 20, Deduct* | *-80.87* | |
| | | *For >20 To 40, Deduct* | *-161.75* | |
| | | *For >40, Deduct* | *-264.53* | |
| 26 56 13 00-0023 | EA | 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 3,295.72 | 453.91 |
| | | *For Galvanized Finish, Add* | *71.64* | |
| | | *For >10 To 20, Deduct* | *-82.39* | |
| | | *For >20 To 40, Deduct* | *-164.79* | |
| | | *For >40, Deduct* | *-269.87* | |
| 26 56 13 00-0024 | EA | 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 3,349.24 | 469.56 |
| | | *For Galvanized Finish, Add* | *72.30* | |
| | | *For >10 To 20, Deduct* | *-83.73* | |
| | | *For >20 To 40, Deduct* | *-167.46* | |
| | | *For >40, Deduct* | *-274.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0025 | EA | 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 3,294.11 | 563.48 |
| | | *For Galvanized Finish, Add* | *65.01* | |
| | | *For >10 To 20, Deduct* | *-82.35* | |
| | | *For >20 To 40, Deduct* | *-164.71* | |
| | | *For >40, Deduct* | *-275.23* | |
| 26 56 13 00-0026 | EA | 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 3,337.13 | 579.12 |
| | | *For Galvanized Finish, Add* | *65.37* | |
| | | *For >10 To 20, Deduct* | *-83.43* | |
| | | *For >20 To 40, Deduct* | *-166.86* | |
| | | *For >40, Deduct* | *-279.24* | |
| 26 56 13 00-0027 | EA | 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 3,373.18 | 594.78 |
| | | *For Galvanized Finish, Add* | *65.51* | |
| | | *For >10 To 20, Deduct* | *-84.33* | |
| | | *For >20 To 40, Deduct* | *-168.66* | |
| | | *For >40, Deduct* | *-282.73* | |
| 26 56 13 00-0028 | EA | 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 3,563.90 | 626.08 |
| | | *For Galvanized Finish, Add* | *69.35* | |
| | | *For >10 To 20, Deduct* | *-89.10* | |
| | | *For >20 To 40, Deduct* | *-178.20* | |
| | | *For >40, Deduct* | *-298.60* | |
| 26 56 13 00-0029 | EA | 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 3,602.33 | 641.74 |
| | | *For Galvanized Finish, Add* | *69.57* | |
| | | *For >10 To 20, Deduct* | *-90.06* | |
| | | *For >20 To 40, Deduct* | *-180.12* | |
| | | *For >40, Deduct* | *-302.26* | |
| 26 56 13 00-0030 | EA | 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 3,638.13 | 657.39 |
| | | *For Galvanized Finish, Add* | *69.70* | |
| | | *For >10 To 20, Deduct* | *-90.95* | |
| | | *For >20 To 40, Deduct* | *-181.91* | |
| | | *For >40, Deduct* | *-305.73* | |
| 26 56 13 00-0031 | EA | 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 3,777.96 | 657.39 |
| | | *For Galvanized Finish, Add* | *73.90* | |
| | | *For >10 To 20, Deduct* | *-94.45* | |
| | | *For >20 To 40, Deduct* | *-188.90* | |
| | | *For >40, Deduct* | *-316.22* | |
| 26 56 13 00-0032 | EA | 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 3,839.86 | 673.04 |
| | | *For Galvanized Finish, Add* | *74.81* | |
| | | *For >10 To 20, Deduct* | *-96.00* | |
| | | *For >20 To 40, Deduct* | *-191.99* | |
| | | *For >40, Deduct* | *-321.64* | |
| 26 56 13 00-0033 | EA | 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 3,900.20 | 688.70 |
| | | *For Galvanized Finish, Add* | *75.68* | |
| | | *For >10 To 20, Deduct* | *-97.51* | |
| | | *For >20 To 40, Deduct* | *-195.01* | |
| | | *For >40, Deduct* | *-326.95* | |
| 26 56 13 00-0034 | EA | 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 4,241.45 | 688.70 |
| | | *For Galvanized Finish, Add* | *85.92* | |
| | | *For >10 To 20, Deduct* | *-106.04* | |
| | | *For >20 To 40, Deduct* | *-212.07* | |
| | | *For >40, Deduct* | *-352.54* | |
| 26 56 13 00-0035 | EA | 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 4,277.33 | 704.34 |
| | | *For Galvanized Finish, Add* | *86.06* | |
| | | *For >10 To 20, Deduct* | *-106.93* | |
| | | *For >20 To 40, Deduct* | *-213.87* | |
| | | *For >40, Deduct* | *-356.02* | |
| 26 56 13 00-0036 | EA | 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 4,313.39 | 719.99 |
| | | *For Galvanized Finish, Add* | *86.20* | |
| | | *For >10 To 20, Deduct* | *-107.83* | |
| | | *For >20 To 40, Deduct* | *-215.67* | |
| | | *For >40, Deduct* | *-359.50* | |

### 26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0038 | EA | 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base | 3,852.87 | 626.08 |
| | | *For Galvanized Finish, Add* | *78.02* | |
| | | *For >10 To 20, Deduct* | *-96.32* | |
| | | *For >20 To 40, Deduct* | *-192.64* | |
| | | *For >40, Deduct* | *-320.27* | |
| 26 56 13 00-0039 | EA | 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base | 3,920.15 | 657.39 |
| | | *For Galvanized Finish, Add* | *78.16* | |
| | | *For >10 To 20, Deduct* | *-98.00* | |
| | | *For >20 To 40, Deduct* | *-196.01* | |
| | | *For >40, Deduct* | *-326.88* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0040 | EA | 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base | 3,994.39 | 688.70 |
| | | *For Galvanized Finish, Add* | *78.51* | |
| | | *For >10 To 20, Deduct* | *-99.86* | |
| | | *For >20 To 40, Deduct* | *-199.72* | |
| | | *For >40, Deduct* | *-334.01* | |
| 26 56 13 00-0041 | EA | 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base | 4,094.66 | 688.70 |
| | | *For Galvanized Finish, Add* | *81.52* | |
| | | *For >10 To 20, Deduct* | *-102.37* | |
| | | *For >20 To 40, Deduct* | *-204.73* | |
| | | *For >40, Deduct* | *-341.53* | |
| 26 56 13 00-0042 | EA | 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base | 4,164.16 | 719.99 |
| | | *For Galvanized Finish, Add* | *81.72* | |
| | | *For >10 To 20, Deduct* | *-104.10* | |
| | | *For >20 To 40, Deduct* | *-208.21* | |
| | | *For >40, Deduct* | *-348.31* | |
| 26 56 13 00-0043 | EA | 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base | 4,231.42 | 751.30 |
| | | *For Galvanized Finish, Add* | *81.86* | |
| | | *For >10 To 20, Deduct* | *-105.79* | |
| | | *For >20 To 40, Deduct* | *-211.57* | |
| | | *For >40, Deduct* | *-354.92* | |
| 26 56 13 00-0044 | EA | 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base | 4,348.19 | 719.99 |
| | | *For Galvanized Finish, Add* | *87.25* | |
| | | *For >10 To 20, Deduct* | *-108.70* | |
| | | *For >20 To 40, Deduct* | *-217.41* | |
| | | *For >40, Deduct* | *-362.11* | |
| 26 56 13 00-0045 | EA | 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base | 4,415.45 | 751.30 |
| | | *For Galvanized Finish, Add* | *87.39* | |
| | | *For >10 To 20, Deduct* | *-110.39* | |
| | | *For >20 To 40, Deduct* | *-220.77* | |
| | | *For >40, Deduct* | *-368.72* | |
| 26 56 13 00-0046 | EA | 35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base | 4,482.74 | 782.61 |
| | | *For Galvanized Finish, Add* | *87.53* | |
| | | *For >10 To 20, Deduct* | *-112.07* | |
| | | *For >20 To 40, Deduct* | *-224.14* | |
| | | *For >40, Deduct* | *-375.34* | |
| 26 56 13 00-0047 | EA | 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base | 4,667.34 | 751.30 |
| | | *For Galvanized Finish, Add* | *94.94* | |
| | | *For >10 To 20, Deduct* | *-116.68* | |
| | | *For >20 To 40, Deduct* | *-233.37* | |
| | | *For >40, Deduct* | *-387.62* | |
| 26 56 13 00-0048 | EA | 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base | 4,734.39 | 782.61 |
| | | *For Galvanized Finish, Add* | *95.08* | |
| | | *For >10 To 20, Deduct* | *-118.36* | |
| | | *For >20 To 40, Deduct* | *-236.72* | |
| | | *For >40, Deduct* | *-394.21* | |
| 26 56 13 00-0049 | EA | 40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base | 4,806.32 | 813.91 |
| | | *For Galvanized Finish, Add* | *95.36* | |
| | | *For >10 To 20, Deduct* | *-120.16* | |
| | | *For >20 To 40, Deduct* | *-240.32* | |
| | | *For >40, Deduct* | *-401.17* | |

## 26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0051 | EA | 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base | 4,281.07 | 688.70 |
| | | *For Galvanized Finish, Add* | *87.11* | |
| | | *For >10 To 20, Deduct* | *-107.03* | |
| | | *For >20 To 40, Deduct* | *-214.05* | |
| | | *For >40, Deduct* | *-355.52* | |
| 26 56 13 00-0052 | EA | 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base | 4,381.94 | 735.65 |
| | | *For Galvanized Finish, Add* | *87.32* | |
| | | *For >10 To 20, Deduct* | *-109.55* | |
| | | *For >20 To 40, Deduct* | *-219.10* | |
| | | *For >40, Deduct* | *-365.43* | |
| 26 56 13 00-0053 | EA | 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base | 4,480.44 | 782.61 |
| | | *For Galvanized Finish, Add* | *87.46* | |
| | | *For >10 To 20, Deduct* | *-112.01* | |
| | | *For >20 To 40, Deduct* | *-224.02* | |
| | | *For >40, Deduct* | *-375.16* | |
| 26 56 13 00-0054 | EA | 30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base | 4,551.40 | 751.30 |
| | | *For Galvanized Finish, Add* | *91.46* | |
| | | *For >10 To 20, Deduct* | *-113.79* | |
| | | *For >20 To 40, Deduct* | *-227.57* | |
| | | *For >40, Deduct* | *-378.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0055 | EA | 30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base | 4,650.21 | 798.26 |
| | | *For Galvanized Finish, Add* | *91.61* | |
| | | *For >10 To 20, Deduct* | *-116.26* | |
| | | *For >20 To 40, Deduct* | *-232.51* | |
| | | *For >40, Deduct* | *-388.68* | |
| 26 56 13 00-0056 | EA | 30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base | 4,722.15 | 845.21 |
| | | *For Galvanized Finish, Add* | *90.95* | |
| | | *For >10 To 20, Deduct* | *-118.05* | |
| | | *For >20 To 40, Deduct* | *-236.11* | |
| | | *For >40, Deduct* | *-396.42* | |
| 26 56 13 00-0057 | EA | 35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base | 4,878.87 | 782.61 |
| | | *For Galvanized Finish, Add* | *99.41* | |
| | | *For >10 To 20, Deduct* | *-121.97* | |
| | | *For >20 To 40, Deduct* | *-243.94* | |
| | | *For >40, Deduct* | *-405.05* | |
| 26 56 13 00-0058 | EA | 35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base | 5,009.16 | 829.56 |
| | | *For Galvanized Finish, Add* | *100.50* | |
| | | *For >10 To 20, Deduct* | *-125.23* | |
| | | *For >20 To 40, Deduct* | *-250.46* | |
| | | *For >40, Deduct* | *-417.17* | |
| 26 56 13 00-0059 | EA | 35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base | 5,078.48 | 876.52 |
| | | *For Galvanized Finish, Add* | *99.76* | |
| | | *For >10 To 20, Deduct* | *-126.96* | |
| | | *For >20 To 40, Deduct* | *-253.92* | |
| | | *For >40, Deduct* | *-424.71* | |
| 26 56 13 00-0060 | EA | 40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base | 5,093.00 | 813.91 |
| | | *For Galvanized Finish, Add* | *103.96* | |
| | | *For >10 To 20, Deduct* | *-127.33* | |
| | | *For >20 To 40, Deduct* | *-254.65* | |
| | | *For >40, Deduct* | *-422.67* | |
| 26 56 13 00-0061 | EA | 40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base | 5,191.50 | 860.86 |
| | | *For Galvanized Finish, Add* | *104.09* | |
| | | *For >10 To 20, Deduct* | *-129.79* | |
| | | *For >20 To 40, Deduct* | *-259.58* | |
| | | *For >40, Deduct* | *-432.41* | |
| 26 56 13 00-0062 | EA | 40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base | 5,292.38 | 907.83 |
| | | *For Galvanized Finish, Add* | *104.30* | |
| | | *For >10 To 20, Deduct* | *-132.31* | |
| | | *For >20 To 40, Deduct* | *-264.62* | |
| | | *For >40, Deduct* | *-442.32* | |

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0065 | EA | 25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base | 3,061.74 | 500.87 |
| | | *For Galvanized Finish, Add* | *61.80* | |
| | | *For >10 To 20, Deduct* | *-76.54* | |
| | | *For >20 To 40, Deduct* | *-153.09* | |
| | | *For >40, Deduct* | *-254.67* | |
| 26 56 13 00-0066 | EA | 30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base | 3,463.04 | 563.48 |
| | | *For Galvanized Finish, Add* | *70.08* | |
| | | *For >10 To 20, Deduct* | *-86.58* | |
| | | *For >20 To 40, Deduct* | *-173.15* | |
| | | *For >40, Deduct* | *-287.90* | |
| 26 56 13 00-0067 | EA | 35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base | 3,564.09 | 594.78 |
| | | *For Galvanized Finish, Add* | *71.24* | |
| | | *For >10 To 20, Deduct* | *-89.10* | |
| | | *For >20 To 40, Deduct* | *-178.20* | |
| | | *For >40, Deduct* | *-297.05* | |
| 26 56 13 00-0068 | EA | 40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base | 4,216.35 | 626.08 |
| | | *For Galvanized Finish, Add* | *88.93* | |
| | | *For >10 To 20, Deduct* | *-105.41* | |
| | | *For >20 To 40, Deduct* | *-210.82* | |
| | | *For >40, Deduct* | *-347.53* | |

26 56 13 00-0069 Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*

26 56 13 00-0070 Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0071 | EA | 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base | 3,886.36 | 500.87 |
| | | *For Galvanized Finish, Add* | *86.54* | |
| | | *For >10 To 20, Deduct* | *-97.16* | |
| | | *For >20 To 40, Deduct* | *-194.32* | |
| | | *For >40, Deduct* | *-316.52* | |
| 26 56 13 00-0072 | EA | 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base | 3,921.71 | 500.87 |
| | | *For Galvanized Finish, Add* | *87.60* | |
| | | *For >10 To 20, Deduct* | *-98.04* | |
| | | *For >20 To 40, Deduct* | *-196.09* | |
| | | *For >40, Deduct* | *-319.17* | |
| 26 56 13 00-0073 | EA | 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base | 3,937.84 | 500.87 |
| | | *For Galvanized Finish, Add* | *88.08* | |
| | | *For >10 To 20, Deduct* | *-98.45* | |
| | | *For >20 To 40, Deduct* | *-196.89* | |
| | | *For >40, Deduct* | *-320.38* | |
| 26 56 13 00-0074 | EA | 30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base | 4,046.92 | 563.48 |
| | | *For Galvanized Finish, Add* | *87.60* | |
| | | *For >10 To 20, Deduct* | *-101.17* | |
| | | *For >20 To 40, Deduct* | *-202.35* | |
| | | *For >40, Deduct* | *-331.69* | |
| 26 56 13 00-0075 | EA | 30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base | 4,053.09 | 563.48 |
| | | *For Galvanized Finish, Add* | *87.78* | |
| | | *For >10 To 20, Deduct* | *-101.33* | |
| | | *For >20 To 40, Deduct* | *-202.65* | |
| | | *For >40, Deduct* | *-332.16* | |
| 26 56 13 00-0076 | EA | 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base | 4,116.83 | 563.48 |
| | | *For Galvanized Finish, Add* | *89.70* | |
| | | *For >10 To 20, Deduct* | *-102.92* | |
| | | *For >20 To 40, Deduct* | *-205.84* | |
| | | *For >40, Deduct* | *-336.94* | |
| 26 56 13 00-0077 | EA | 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base | 4,130.50 | 594.78 |
| | | *For Galvanized Finish, Add* | *88.23* | |
| | | *For >10 To 20, Deduct* | *-103.26* | |
| | | *For >20 To 40, Deduct* | *-206.53* | |
| | | *For >40, Deduct* | *-339.53* | |
| 26 56 13 00-0078 | EA | 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base | 4,167.82 | 594.78 |
| | | *For Galvanized Finish, Add* | *89.35* | |
| | | *For >10 To 20, Deduct* | *-104.20* | |
| | | *For >20 To 40, Deduct* | *-208.39* | |
| | | *For >40, Deduct* | *-342.33* | |
| 26 56 13 00-0079 | EA | 35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base | 4,363.56 | 594.78 |
| | | *For Galvanized Finish, Add* | *95.22* | |
| | | *For >10 To 20, Deduct* | *-109.09* | |
| | | *For >20 To 40, Deduct* | *-218.18* | |
| | | *For >40, Deduct* | *-357.01* | |

### 26 56 13 00-0080 Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0081 | EA | 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base | 5,077.26 | 626.08 |
| | | *For Galvanized Finish, Add* | *114.75* | |
| | | *For >10 To 20, Deduct* | *-126.93* | |
| | | *For >20 To 40, Deduct* | *-253.86* | |
| | | *For >40, Deduct* | *-412.10* | |
| 26 56 13 00-0082 | EA | 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base | 5,173.72 | 657.39 |
| | | *For Galvanized Finish, Add* | *115.77* | |
| | | *For >10 To 20, Deduct* | *-129.34* | |
| | | *For >20 To 40, Deduct* | *-258.69* | |
| | | *For >40, Deduct* | *-420.90* | |
| 26 56 13 00-0083 | EA | 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base | 5,369.20 | 688.70 |
| | | *For Galvanized Finish, Add* | *119.75* | |
| | | *For >10 To 20, Deduct* | *-134.23* | |
| | | *For >20 To 40, Deduct* | *-268.46* | |
| | | *For >40, Deduct* | *-437.12* | |
| 26 56 13 00-0084 | EA | 30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base | 5,182.87 | 688.70 |
| | | *For Galvanized Finish, Add* | *114.16* | |
| | | *For >10 To 20, Deduct* | *-129.57* | |
| | | *For >20 To 40, Deduct* | *-259.14* | |
| | | *For >40, Deduct* | *-423.15* | |
| 26 56 13 00-0085 | EA | 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base | 5,420.34 | 719.99 |
| | | *For Galvanized Finish, Add* | *119.41* | |
| | | *For >10 To 20, Deduct* | *-135.51* | |
| | | *For >20 To 40, Deduct* | *-271.02* | |
| | | *For >40, Deduct* | *-442.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0086 | EA | 30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base | 5,568.98 | 751.30 |
| | | *For Galvanized Finish, Add* | *121.99* | |
| | | *For >10 To 20, Deduct* | *-139.22* | |
| | | *For >20 To 40, Deduct* | *-278.45* | |
| | | *For >40, Deduct* | *-455.24* | |
| 26 56 13 00-0087 | EA | 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base | 5,343.15 | 719.99 |
| | | *For Galvanized Finish, Add* | *117.09* | |
| | | *For >10 To 20, Deduct* | *-133.58* | |
| | | *For >20 To 40, Deduct* | *-267.16* | |
| | | *For >40, Deduct* | *-436.74* | |
| 26 56 13 00-0088 | EA | 35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base | 5,655.18 | 751.30 |
| | | *For Galvanized Finish, Add* | *124.58* | |
| | | *For >10 To 20, Deduct* | *-141.38* | |
| | | *For >20 To 40, Deduct* | *-282.76* | |
| | | *For >40, Deduct* | *-461.70* | |
| 26 56 13 00-0089 | EA | 35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base | 5,845.92 | 782.61 |
| | | *For Galvanized Finish, Add* | *128.42* | |
| | | *For >10 To 20, Deduct* | *-146.15* | |
| | | *For >20 To 40, Deduct* | *-292.30* | |
| | | *For >40, Deduct* | *-477.57* | |

### 26 56 13 00-0090 Aluminum Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

### 26 56 13 00-0091 Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*

### 26 56 13 00-0092 Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*

### 26 56 13 00-0093 Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0094 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 2,352.11 | 375.65 |
| | | *For >10 To 20, Deduct* | *-58.80* | |
| | | *For >20 To 40, Deduct* | *-117.61* | |
| | | *For >40, Deduct* | *-195.19* | |
| 26 56 13 00-0095 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 2,371.48 | 375.65 |
| | | *For >10 To 20, Deduct* | *-59.29* | |
| | | *For >20 To 40, Deduct* | *-118.57* | |
| | | *For >40, Deduct* | *-196.64* | |
| 26 56 13 00-0096 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 2,895.05 | 500.87 |
| | | *For >10 To 20, Deduct* | *-72.38* | |
| | | *For >20 To 40, Deduct* | *-144.75* | |
| | | *For >40, Deduct* | *-242.17* | |
| 26 56 13 00-0097 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 2,931.67 | 500.87 |
| | | *For >10 To 20, Deduct* | *-73.29* | |
| | | *For >20 To 40, Deduct* | *-146.58* | |
| | | *For >40, Deduct* | *-244.92* | |
| 26 56 13 00-0098 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base | 2,965.34 | 500.87 |
| | | *For >10 To 20, Deduct* | *-74.13* | |
| | | *For >20 To 40, Deduct* | *-148.27* | |
| | | *For >40, Deduct* | *-247.44* | |
| 26 56 13 00-0099 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 3,319.84 | 563.48 |
| | | *For >10 To 20, Deduct* | *-83.00* | |
| | | *For >20 To 40, Deduct* | *-165.99* | |
| | | *For >40, Deduct* | *-277.16* | |
| 26 56 13 00-0100 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 3,350.73 | 563.48 |
| | | *For >10 To 20, Deduct* | *-83.77* | |
| | | *For >20 To 40, Deduct* | *-167.54* | |
| | | *For >40, Deduct* | *-279.48* | |
| 26 56 13 00-0101 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base | 3,385.28 | 563.48 |
| | | *For >10 To 20, Deduct* | *-84.63* | |
| | | *For >20 To 40, Deduct* | *-169.26* | |
| | | *For >40, Deduct* | *-282.07* | |
| 26 56 13 00-0102 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base | 3,871.21 | 594.78 |
| | | *For >10 To 20, Deduct* | *-96.78* | |
| | | *For >20 To 40, Deduct* | *-193.56* | |
| | | *For >40, Deduct* | *-320.08* | |
| 26 56 13 00-0103 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base | 3,902.03 | 594.78 |
| | | *For >10 To 20, Deduct* | *-97.55* | |
| | | *For >20 To 40, Deduct* | *-195.10* | |
| | | *For >40, Deduct* | *-322.39* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0104 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base | 3,927.84 | 594.78 |
| | | *For >10 To 20, Deduct* | *-98.20* | |
| | | *For >20 To 40, Deduct* | *-196.39* | |
| | | *For >40, Deduct* | *-324.33* | |

## 26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0092)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0106 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 2,697.32 | 438.26 |
| | | *For >10 To 20, Deduct* | *-67.43* | |
| | | *For >20 To 40, Deduct* | *-134.87* | |
| | | *For >40, Deduct* | *-224.21* | |
| 26 56 13 00-0107 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 2,887.22 | 438.26 |
| | | *For >10 To 20, Deduct* | *-72.18* | |
| | | *For >20 To 40, Deduct* | *-144.36* | |
| | | *For >40, Deduct* | *-238.45* | |
| 26 56 13 00-0108 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 2,986.84 | 469.56 |
| | | *For >10 To 20, Deduct* | *-74.67* | |
| | | *For >20 To 40, Deduct* | *-149.34* | |
| | | *For >40, Deduct* | *-247.49* | |
| 26 56 13 00-0109 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 3,229.85 | 563.48 |
| | | *For >10 To 20, Deduct* | *-80.75* | |
| | | *For >20 To 40, Deduct* | *-161.49* | |
| | | *For >40, Deduct* | *-270.41* | |
| 26 56 13 00-0110 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 3,382.04 | 579.12 |
| | | *For >10 To 20, Deduct* | *-84.55* | |
| | | *For >20 To 40, Deduct* | *-169.10* | |
| | | *For >40, Deduct* | *-282.61* | |
| 26 56 13 00-0111 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 3,599.59 | 594.78 |
| | | *For >10 To 20, Deduct* | *-89.99* | |
| | | *For >20 To 40, Deduct* | *-179.98* | |
| | | *For >40, Deduct* | *-299.71* | |
| 26 56 13 00-0112 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 3,721.20 | 626.08 |
| | | *For >10 To 20, Deduct* | *-93.03* | |
| | | *For >20 To 40, Deduct* | *-186.06* | |
| | | *For >40, Deduct* | *-310.39* | |
| 26 56 13 00-0113 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 3,864.66 | 641.74 |
| | | *For >10 To 20, Deduct* | *-96.62* | |
| | | *For >20 To 40, Deduct* | *-193.23* | |
| | | *For >40, Deduct* | *-321.94* | |
| 26 56 13 00-0114 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 4,038.75 | 657.39 |
| | | *For >10 To 20, Deduct* | *-100.97* | |
| | | *For >20 To 40, Deduct* | *-201.94* | |
| | | *For >40, Deduct* | *-335.78* | |
| 26 56 13 00-0115 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base | 4,206.73 | 657.39 |
| | | *For >10 To 20, Deduct* | *-105.17* | |
| | | *For >20 To 40, Deduct* | *-210.34* | |
| | | *For >40, Deduct* | *-348.37* | |
| 26 56 13 00-0116 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base | 4,587.64 | 673.04 |
| | | *For >10 To 20, Deduct* | *-114.69* | |
| | | *For >20 To 40, Deduct* | *-229.38* | |
| | | *For >40, Deduct* | *-377.73* | |
| 26 56 13 00-0117 | EA | 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base | 5,029.95 | 688.70 |
| | | *For >10 To 20, Deduct* | *-125.75* | |
| | | *For >20 To 40, Deduct* | *-251.50* | |
| | | *For >40, Deduct* | *-411.68* | |

## 26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0092)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0119 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base | 3,128.23 | 500.87 |
| | | *For >10 To 20, Deduct* | *-78.21* | |
| | | *For >20 To 40, Deduct* | *-156.41* | |
| | | *For >40, Deduct* | *-259.66* | |
| 26 56 13 00-0120 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base | 3,344.44 | 532.17 |
| | | *For >10 To 20, Deduct* | *-83.61* | |
| | | *For >20 To 40, Deduct* | *-167.22* | |
| | | *For >40, Deduct* | *-277.44* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0121 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base | 3,808.65 | 626.08 |
| | | *For >10 To 20, Deduct* | *-95.22* | |
| | | *For >20 To 40, Deduct* | *-190.43* | |
| | | *For >40, Deduct* | *-316.95* | |
| 26 56 13 00-0122 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base | 3,972.84 | 657.39 |
| | | *For >10 To 20, Deduct* | *-99.32* | |
| | | *For >20 To 40, Deduct* | *-198.64* | |
| | | *For >40, Deduct* | *-330.83* | |
| 26 56 13 00-0123 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base | 4,160.69 | 688.70 |
| | | *For >10 To 20, Deduct* | *-104.02* | |
| | | *For >20 To 40, Deduct* | *-208.03* | |
| | | *For >40, Deduct* | *-346.49* | |
| 26 56 13 00-0124 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base | 4,310.74 | 719.99 |
| | | *For >10 To 20, Deduct* | *-107.77* | |
| | | *For >20 To 40, Deduct* | *-215.54* | |
| | | *For >40, Deduct* | *-359.31* | |
| 26 56 13 00-0125 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base | 4,492.62 | 719.99 |
| | | *For >10 To 20, Deduct* | *-112.32* | |
| | | *For >20 To 40, Deduct* | *-224.63* | |
| | | *For >40, Deduct* | *-372.95* | |
| 26 56 13 00-0126 | EA | 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base | 4,877.98 | 751.30 |
| | | *For >10 To 20, Deduct* | *-121.95* | |
| | | *For >20 To 40, Deduct* | *-243.90* | |
| | | *For >40, Deduct* | *-403.41* | |
| 26 56 13 00-0127 | EA | 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base | 10,022.48 | 782.61 |
| | | *For >10 To 20, Deduct* | *-250.56* | |
| | | *For >20 To 40, Deduct* | *-501.12* | |
| | | *For >40, Deduct* | *-790.82* | |

### 26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0092)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0129 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base | 3,252.97 | 563.48 |
| | | *For >10 To 20, Deduct* | *-81.32* | |
| | | *For >20 To 40, Deduct* | *-162.65* | |
| | | *For >40, Deduct* | *-272.15* | |
| 26 56 13 00-0130 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base | 3,369.24 | 563.48 |
| | | *For >10 To 20, Deduct* | *-84.23* | |
| | | *For >20 To 40, Deduct* | *-168.46* | |
| | | *For >40, Deduct* | *-280.87* | |
| 26 56 13 00-0131 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base | 4,167.92 | 688.70 |
| | | *For >10 To 20, Deduct* | *-104.20* | |
| | | *For >20 To 40, Deduct* | *-208.40* | |
| | | *For >40, Deduct* | *-347.03* | |
| 26 56 13 00-0132 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base | 4,509.70 | 735.65 |
| | | *For >10 To 20, Deduct* | *-112.74* | |
| | | *For >20 To 40, Deduct* | *-225.49* | |
| | | *For >40, Deduct* | *-375.01* | |
| 26 56 13 00-0133 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base | 4,699.37 | 751.30 |
| | | *For >10 To 20, Deduct* | *-117.48* | |
| | | *For >20 To 40, Deduct* | *-234.97* | |
| | | *For >40, Deduct* | *-390.02* | |
| 26 56 13 00-0134 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base | 5,015.42 | 798.26 |
| | | *For >10 To 20, Deduct* | *-125.39* | |
| | | *For >20 To 40, Deduct* | *-250.77* | |
| | | *For >40, Deduct* | *-416.07* | |
| 26 56 13 00-0135 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base | 4,946.32 | 782.61 |
| | | *For >10 To 20, Deduct* | *-123.66* | |
| | | *For >20 To 40, Deduct* | *-247.32* | |
| | | *For >40, Deduct* | *-410.10* | |
| 26 56 13 00-0136 | EA | 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base | 5,609.44 | 829.56 |
| | | *For >10 To 20, Deduct* | *-140.24* | |
| | | *For >20 To 40, Deduct* | *-280.47* | |
| | | *For >40, Deduct* | *-462.19* | |
| 26 56 13 00-0137 | EA | 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base | 6,197.19 | 876.52 |
| | | *For >10 To 20, Deduct* | *-154.93* | |
| | | *For >20 To 40, Deduct* | *-309.86* | |
| | | *For >40, Deduct* | *-508.62* | |

### 26 56 13 00-0138 Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0139 | | Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)* | | |
| 26 56 13 00-0140 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base | 3,433.05 | 500.87 |
| | | *For >10 To 20, Deduct* | *-85.83* | |
| | | *For >20 To 40, Deduct* | *-171.65* | |
| | | *For >40, Deduct* | *-282.52* | |
| 26 56 13 00-0141 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base | 3,458.94 | 500.87 |
| | | *For >10 To 20, Deduct* | *-86.47* | |
| | | *For >20 To 40, Deduct* | *-172.95* | |
| | | *For >40, Deduct* | *-284.46* | |
| 26 56 13 00-0142 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base | 3,525.10 | 500.87 |
| | | *For >10 To 20, Deduct* | *-88.13* | |
| | | *For >20 To 40, Deduct* | *-176.26* | |
| | | *For >40, Deduct* | *-289.43* | |
| 26 56 13 00-0143 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base | 3,624.37 | 500.87 |
| | | *For >10 To 20, Deduct* | *-90.61* | |
| | | *For >20 To 40, Deduct* | *-181.22* | |
| | | *For >40, Deduct* | *-296.87* | |
| 26 56 13 00-0144 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base | 3,865.22 | 563.48 |
| | | *For >10 To 20, Deduct* | *-96.63* | |
| | | *For >20 To 40, Deduct* | *-193.26* | |
| | | *For >40, Deduct* | *-318.07* | |
| 26 56 13 00-0145 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base | 3,923.59 | 563.48 |
| | | *For >10 To 20, Deduct* | *-98.09* | |
| | | *For >20 To 40, Deduct* | *-196.18* | |
| | | *For >40, Deduct* | *-322.44* | |
| 26 56 13 00-0146 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base | 3,985.86 | 563.48 |
| | | *For >10 To 20, Deduct* | *-99.65* | |
| | | *For >20 To 40, Deduct* | *-199.29* | |
| | | *For >40, Deduct* | *-327.11* | |
| 26 56 13 00-0147 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base | 4,361.44 | 563.48 |
| | | *For >10 To 20, Deduct* | *-109.04* | |
| | | *For >20 To 40, Deduct* | *-218.07* | |
| | | *For >40, Deduct* | *-355.28* | |
| 26 56 13 00-0148 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base | 4,194.93 | 594.78 |
| | | *For >10 To 20, Deduct* | *-104.87* | |
| | | *For >20 To 40, Deduct* | *-209.75* | |
| | | *For >40, Deduct* | *-344.36* | |
| 26 56 13 00-0149 | EA | 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base | 4,676.86 | 594.78 |
| | | *For >10 To 20, Deduct* | *-116.92* | |
| | | *For >20 To 40, Deduct* | *-233.84* | |
| | | *For >40, Deduct* | *-380.50* | |
| 26 56 13 00-0150 | EA | 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base | 4,723.80 | 594.78 |
| | | *For >10 To 20, Deduct* | *-118.10* | |
| | | *For >20 To 40, Deduct* | *-236.19* | |
| | | *For >40, Deduct* | *-384.02* | |
| 26 56 13 00-0151 | EA | 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base | 5,021.78 | 594.78 |
| | | *For >10 To 20, Deduct* | *-125.54* | |
| | | *For >20 To 40, Deduct* | *-251.09* | |
| | | *For >40, Deduct* | *-406.37* | |
| 26 56 13 00-0152 | EA | 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base | 5,293.56 | 594.78 |
| | | *For >10 To 20, Deduct* | *-132.34* | |
| | | *For >20 To 40, Deduct* | *-264.68* | |
| | | *For >40, Deduct* | *-426.76* | |
| 26 56 13 00-0153 | | Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)* | | |
| 26 56 13 00-0154 | EA | 25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base | 4,448.94 | 626.08 |
| | | *For >10 To 20, Deduct* | *-111.22* | |
| | | *For >20 To 40, Deduct* | *-222.45* | |
| | | *For >40, Deduct* | *-364.97* | |
| 26 56 13 00-0155 | EA | 25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base | 4,577.70 | 657.39 |
| | | *For >10 To 20, Deduct* | *-114.44* | |
| | | *For >20 To 40, Deduct* | *-228.89* | |
| | | *For >40, Deduct* | *-376.20* | |
| 26 56 13 00-0156 | EA | 25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base | 4,682.88 | 688.70 |
| | | *For >10 To 20, Deduct* | *-117.07* | |
| | | *For >20 To 40, Deduct* | *-234.14* | |
| | | *For >40, Deduct* | *-385.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0157 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base | 4,796.30 | 688.70 |
| | | *For >10 To 20, Deduct* | *-119.91* | |
| | | *For >20 To 40, Deduct* | *-239.82* | |
| | | *For >40, Deduct* | *-394.16* | |
| 26 56 13 00-0158 | EA | 30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base | 5,203.75 | 719.99 |
| | | *For >10 To 20, Deduct* | *-130.09* | |
| | | *For >20 To 40, Deduct* | *-260.19* | |
| | | *For >40, Deduct* | *-426.28* | |
| 26 56 13 00-0159 | EA | 30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base | 5,946.75 | 751.30 |
| | | *For >10 To 20, Deduct* | *-148.67* | |
| | | *For >20 To 40, Deduct* | *-297.34* | |
| | | *For >40, Deduct* | *-483.57* | |
| 26 56 13 00-0160 | EA | 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base | 5,749.45 | 719.99 |
| | | *For >10 To 20, Deduct* | *-143.74* | |
| | | *For >20 To 40, Deduct* | *-287.47* | |
| | | *For >40, Deduct* | *-467.21* | |
| 26 56 13 00-0161 | EA | 35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base | 5,867.49 | 751.30 |
| | | *For >10 To 20, Deduct* | *-146.69* | |
| | | *For >20 To 40, Deduct* | *-293.37* | |
| | | *For >40, Deduct* | *-477.63* | |
| 26 56 13 00-0162 | EA | 35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base | 7,093.62 | 782.61 |
| | | *For >10 To 20, Deduct* | *-177.34* | |
| | | *For >20 To 40, Deduct* | *-354.68* | |
| | | *For >40, Deduct* | *-571.15* | |

26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*

26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0165 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base | 2,804.65 | 375.65 |
| | | *For >10 To 20, Deduct* | *-70.12* | |
| | | *For >20 To 40, Deduct* | *-140.23* | |
| | | *For >40, Deduct* | *-229.13* | |
| 26 56 13 00-0166 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base | 2,877.79 | 375.65 |
| | | *For >10 To 20, Deduct* | *-71.94* | |
| | | *For >20 To 40, Deduct* | *-143.89* | |
| | | *For >40, Deduct* | *-234.62* | |
| 26 56 13 00-0167 | EA | 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base | 2,951.10 | 375.65 |
| | | *For >10 To 20, Deduct* | *-73.78* | |
| | | *For >20 To 40, Deduct* | *-147.56* | |
| | | *For >40, Deduct* | *-240.12* | |
| 26 56 13 00-0168 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base | 3,354.18 | 500.87 |
| | | *For >10 To 20, Deduct* | *-83.85* | |
| | | *For >20 To 40, Deduct* | *-167.71* | |
| | | *For >40, Deduct* | *-276.61* | |
| 26 56 13 00-0169 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base | 3,409.94 | 500.87 |
| | | *For >10 To 20, Deduct* | *-85.25* | |
| | | *For >20 To 40, Deduct* | *-170.50* | |
| | | *For >40, Deduct* | *-280.79* | |
| 26 56 13 00-0170 | EA | 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base | 3,470.85 | 500.87 |
| | | *For >10 To 20, Deduct* | *-86.77* | |
| | | *For >20 To 40, Deduct* | *-173.54* | |
| | | *For >40, Deduct* | *-285.36* | |
| 26 56 13 00-0171 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base | 3,785.01 | 563.48 |
| | | *For >10 To 20, Deduct* | *-94.63* | |
| | | *For >20 To 40, Deduct* | *-189.25* | |
| | | *For >40, Deduct* | *-312.05* | |
| 26 56 13 00-0172 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base | 3,860.69 | 563.48 |
| | | *For >10 To 20, Deduct* | *-96.52* | |
| | | *For >20 To 40, Deduct* | *-193.03* | |
| | | *For >40, Deduct* | *-317.73* | |
| 26 56 13 00-0173 | EA | 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base | 3,872.05 | 563.48 |
| | | *For >10 To 20, Deduct* | *-96.80* | |
| | | *For >20 To 40, Deduct* | *-193.60* | |
| | | *For >40, Deduct* | *-318.58* | |
| 26 56 13 00-0174 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base | 4,116.94 | 594.78 |
| | | *For >10 To 20, Deduct* | *-102.92* | |
| | | *For >20 To 40, Deduct* | *-205.85* | |
| | | *For >40, Deduct* | *-338.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0175 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base | 4,150.14 | 594.78 |
| | | *For >10 To 20, Deduct* | *-103.75* | |
| | | *For >20 To 40, Deduct* | *-207.51* | |
| | | *For >40, Deduct* | *-341.00* | |
| 26 56 13 00-0176 | EA | 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base | 4,227.97 | 594.78 |
| | | *For >10 To 20, Deduct* | *-105.70* | |
| | | *For >20 To 40, Deduct* | *-211.40* | |
| | | *For >40, Deduct* | *-346.84* | |

## 26 56 13 00-0177 Area Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

## 26 56 13 00-0178 Steel Area Light Poles *(26 56 13 00-0177)*

Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

## 26 56 13 00-0179 Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*

## 26 56 13 00-0180 Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0181 | EA | 10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,209.07 | 219.13 |
| | | *For Galvanized Finish, Add* | *23.12* | |
| | | *For >10 To 20, Deduct* | *-41.79* | |
| | | *For >20 To 40, Deduct* | *-75.87* | |
| | | *For >40, Deduct* | *-159.45* | |
| 26 56 13 00-0182 | EA | 12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,314.39 | 250.43 |
| | | *For Galvanized Finish, Add* | *24.41* | |
| | | *For >10 To 20, Deduct* | *-45.06* | |
| | | *For >20 To 40, Deduct* | *-81.99* | |
| | | *For >40, Deduct* | *-172.12* | |
| 26 56 13 00-0183 | EA | 14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,468.81 | 281.74 |
| | | *For Galvanized Finish, Add* | *27.16* | |
| | | *For >10 To 20, Deduct* | *-50.30* | |
| | | *For >20 To 40, Deduct* | *-91.55* | |
| | | *For >40, Deduct* | *-192.15* | |
| 26 56 13 00-0184 | EA | 16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,627.49 | 313.05 |
| | | *For Galvanized Finish, Add* | *30.04* | |
| | | *For >10 To 20, Deduct* | *-55.71* | |
| | | *For >20 To 40, Deduct* | *-101.40* | |
| | | *For >40, Deduct* | *-212.82* | |
| 26 56 13 00-0185 | EA | 18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,732.82 | 344.34 |
| | | *For Galvanized Finish, Add* | *31.32* | |
| | | *For >10 To 20, Deduct* | *-58.98* | |
| | | *For >20 To 40, Deduct* | *-107.52* | |
| | | *For >40, Deduct* | *-225.49* | |
| 26 56 13 00-0186 | EA | 20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,827.45 | 375.65 |
| | | *For Galvanized Finish, Add* | *32.28* | |
| | | *For >10 To 20, Deduct* | *-61.83* | |
| | | *For >20 To 40, Deduct* | *-112.90* | |
| | | *For >40, Deduct* | *-236.55* | |
| 26 56 13 00-0187 | EA | 10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,264.59 | 219.13 |
| | | *For Galvanized Finish, Add* | *24.79* | |
| | | *For >10 To 20, Deduct* | *-44.01* | |
| | | *For >20 To 40, Deduct* | *-79.76* | |
| | | *For >40, Deduct* | *-167.78* | |
| 26 56 13 00-0188 | EA | 12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,372.04 | 250.43 |
| | | *For Galvanized Finish, Add* | *26.14* | |
| | | *For >10 To 20, Deduct* | *-47.37* | |
| | | *For >20 To 40, Deduct* | *-86.03* | |
| | | *For >40, Deduct* | *-180.76* | |
| 26 56 13 00-0189 | EA | 14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,584.11 | 281.74 |
| | | *For Galvanized Finish, Add* | *30.62* | |
| | | *For >10 To 20, Deduct* | *-54.91* | |
| | | *For >20 To 40, Deduct* | *-99.62* | |
| | | *For >40, Deduct* | *-209.44* | |
| 26 56 13 00-0190 | EA | 16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,702.23 | 313.05 |
| | | *For Galvanized Finish, Add* | *32.28* | |
| | | *For >10 To 20, Deduct* | *-58.70* | |
| | | *For >20 To 40, Deduct* | *-106.63* | |
| | | *For >40, Deduct* | *-224.03* | |
| 26 56 13 00-0191 | EA | 18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,813.96 | 344.34 |
| | | *For Galvanized Finish, Add* | *33.76* | |
| | | *For >10 To 20, Deduct* | *-62.23* | |
| | | *For >20 To 40, Deduct* | *-113.20* | |
| | | *For >40, Deduct* | *-237.66* | |
| 26 56 13 00-0192 | EA | 20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,904.31 | 375.65 |
| | | *For Galvanized Finish, Add* | *34.59* | |
| | | *For >10 To 20, Deduct* | *-64.90* | |
| | | *For >20 To 40, Deduct* | *-118.28* | |
| | | *For >40, Deduct* | *-248.08* | |
| 26 56 13 00-0193 | EA | 25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 2,233.76 | 500.87 |
| | | *For Galvanized Finish, Add* | *36.96* | |
| | | *For >10 To 20, Deduct* | *-74.32* | |
| | | *For >20 To 40, Deduct* | *-136.33* | |
| | | *For >40, Deduct* | *-284.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0194 | EA | 10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,264.59 | 219.13 |
| | | *For Galvanized Finish, Add* | *24.79* | |
| | | *For >10 To 20, Deduct* | *-44.01* | |
| | | *For >20 To 40, Deduct* | *-79.76* | |
| | | *For >40, Deduct* | *-167.78* | |
| 26 56 13 00-0195 | EA | 12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,378.44 | 250.43 |
| | | *For Galvanized Finish, Add* | *26.33* | |
| | | *For >10 To 20, Deduct* | *-47.62* | |
| | | *For >20 To 40, Deduct* | *-86.47* | |
| | | *For >40, Deduct* | *-181.72* | |
| 26 56 13 00-0196 | EA | 14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,618.27 | 281.74 |
| | | *For Galvanized Finish, Add* | *31.64* | |
| | | *For >10 To 20, Deduct* | *-56.28* | |
| | | *For >20 To 40, Deduct* | *-102.01* | |
| | | *For >40, Deduct* | *-214.57* | |
| 26 56 13 00-0197 | EA | 16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,708.63 | 313.05 |
| | | *For Galvanized Finish, Add* | *32.48* | |
| | | *For >10 To 20, Deduct* | *-58.95* | |
| | | *For >20 To 40, Deduct* | *-107.08* | |
| | | *For >40, Deduct* | *-224.99* | |
| 26 56 13 00-0198 | EA | 18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,813.96 | 344.34 |
| | | *For Galvanized Finish, Add* | *33.76* | |
| | | *For >10 To 20, Deduct* | *-62.23* | |
| | | *For >20 To 40, Deduct* | *-113.20* | |
| | | *For >40, Deduct* | *-237.66* | |
| 26 56 13 00-0199 | EA | 20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 1,904.31 | 375.65 |
| | | *For Galvanized Finish, Add* | *34.59* | |
| | | *For >10 To 20, Deduct* | *-64.90* | |
| | | *For >20 To 40, Deduct* | *-118.28* | |
| | | *For >40, Deduct* | *-248.08* | |
| 26 56 13 00-0200 | EA | 25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 2,293.54 | 500.87 |
| | | *For Galvanized Finish, Add* | *38.75* | |
| | | *For >10 To 20, Deduct* | *-76.72* | |
| | | *For >20 To 40, Deduct* | *-140.51* | |
| | | *For >40, Deduct* | *-293.94* | |
| 26 56 13 00-0201 | EA | 30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 2,529.78 | 563.48 |
| | | *For Galvanized Finish, Add* | *42.08* | |
| | | *For >10 To 20, Deduct* | *-84.29* | |
| | | *For >20 To 40, Deduct* | *-154.55* | |
| | | *For >40, Deduct* | *-323.12* | |
| 26 56 13 00-0202 | EA | 20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 2,040.97 | 375.65 |
| | | *For Galvanized Finish, Add* | *38.69* | |
| | | *For >10 To 20, Deduct* | *-70.37* | |
| | | *For >20 To 40, Deduct* | *-127.84* | |
| | | *For >40, Deduct* | *-268.58* | |
| 26 56 13 00-0203 | EA | 25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 2,321.30 | 500.87 |
| | | *For Galvanized Finish, Add* | *39.59* | |
| | | *For >10 To 20, Deduct* | *-77.83* | |
| | | *For >20 To 40, Deduct* | *-142.46* | |
| | | *For >40, Deduct* | *-298.11* | |
| 26 56 13 00-0204 | EA | 30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base | 2,583.16 | 563.48 |
| | | *For Galvanized Finish, Add* | *43.69* | |
| | | *For >10 To 20, Deduct* | *-86.42* | |
| | | *For >20 To 40, Deduct* | *-158.28* | |
| | | *For >40, Deduct* | *-331.13* | |

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0207 | EA | 20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 2,523.52 | 375.65 |
| | | *For Galvanized Finish, Add* | *53.17* | |
| | | *For >10 To 20, Deduct* | *-89.67* | |
| | | *For >20 To 40, Deduct* | *-161.62* | |
| | | *For >40, Deduct* | *-340.96* | |
| 26 56 13 00-0208 | EA | 20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 2,589.72 | 375.65 |
| | | *For Galvanized Finish, Add* | *55.15* | |
| | | *For >10 To 20, Deduct* | *-92.32* | |
| | | *For >20 To 40, Deduct* | *-166.25* | |
| | | *For >40, Deduct* | *-350.89* | |
| 26 56 13 00-0209 | EA | 25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 2,985.35 | 500.87 |
| | | *For Galvanized Finish, Add* | *59.51* | |
| | | *For >10 To 20, Deduct* | *-104.39* | |
| | | *For >20 To 40, Deduct* | *-188.94* | |
| | | *For >40, Deduct* | *-397.72* | |
| 26 56 13 00-0210 | EA | 25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 3,122.00 | 500.87 |
| | | *For Galvanized Finish, Add* | *63.61* | |
| | | *For >10 To 20, Deduct* | *-109.85* | |
| | | *For >20 To 40, Deduct* | *-198.51* | |
| | | *For >40, Deduct* | *-418.21* | |
| 26 56 13 00-0211 | EA | 30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 3,324.08 | 563.48 |
| | | *For Galvanized Finish, Add* | *65.91* | |
| | | *For >10 To 20, Deduct* | *-116.06* | |
| | | *For >20 To 40, Deduct* | *-210.15* | |
| | | *For >40, Deduct* | *-442.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0212 | EA | 30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 3,552.55 | 563.48 |
| | | *For Galvanized Finish, Add* | *72.77* | |
| | | *For >10 To 20, Deduct* | *-125.20* | |
| | | *For >20 To 40, Deduct* | *-226.14* | |
| | | *For >40, Deduct* | *-476.54* | |
| 26 56 13 00-0213 | EA | 35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 3,662.14 | 594.78 |
| | | *For Galvanized Finish, Add* | *74.18* | |
| | | *For >10 To 20, Deduct* | *-128.64* | |
| | | *For >20 To 40, Deduct* | *-232.56* | |
| | | *For >40, Deduct* | *-489.84* | |
| 26 56 13 00-0214 | EA | 35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 3,803.07 | 594.78 |
| | | *For Galvanized Finish, Add* | *78.41* | |
| | | *For >10 To 20, Deduct* | *-134.28* | |
| | | *For >20 To 40, Deduct* | *-242.42* | |
| | | *For >40, Deduct* | *-510.98* | |
| 26 56 13 00-0215 | EA | 35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 4,140.43 | 594.78 |
| | | *For Galvanized Finish, Add* | *88.53* | |
| | | *For >10 To 20, Deduct* | *-147.77* | |
| | | *For >20 To 40, Deduct* | *-266.04* | |
| | | *For >40, Deduct* | *-561.59* | |
| 26 56 13 00-0216 | EA | 39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 4,177.41 | 626.08 |
| | | *For Galvanized Finish, Add* | *87.76* | |
| | | *For >10 To 20, Deduct* | *-148.31* | |
| | | *For >20 To 40, Deduct* | *-267.38* | |
| | | *For >40, Deduct* | *-564.00* | |
| 26 56 13 00-0217 | EA | 39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 4,237.19 | 626.08 |
| | | *For Galvanized Finish, Add* | *89.55* | |
| | | *For >10 To 20, Deduct* | *-150.71* | |
| | | *For >20 To 40, Deduct* | *-271.56* | |
| | | *For >40, Deduct* | *-572.97* | |
| 26 56 13 00-0218 | EA | 45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 5,763.72 | 813.91 |
| | | *For Galvanized Finish, Add* | *124.08* | |
| | | *For >10 To 20, Deduct* | *-206.13* | |
| | | *For >20 To 40, Deduct* | *-370.90* | |
| | | *For >40, Deduct* | *-783.17* | |
| 26 56 13 00-0219 | EA | 50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 6,001.34 | 939.13 |
| | | *For Galvanized Finish, Add* | *123.69* | |
| | | *For >10 To 20, Deduct* | *-211.88* | |
| | | *For >20 To 40, Deduct* | *-382.53* | |
| | | *For >40, Deduct* | *-806.29* | |
| 26 56 13 00-0220 | EA | 25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 4,048.68 | 500.87 |
| | | *For Galvanized Finish, Add* | *91.41* | |
| | | *For >10 To 20, Deduct* | *-146.92* | |
| | | *For >20 To 40, Deduct* | *-263.37* | |
| | | *For >40, Deduct* | *-557.22* | |
| 26 56 13 00-0221 | EA | 30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 4,596.67 | 563.48 |
| | | *For Galvanized Finish, Add* | *104.09* | |
| | | *For >10 To 20, Deduct* | *-166.96* | |
| | | *For >20 To 40, Deduct* | *-299.23* | |
| | | *For >40, Deduct* | *-633.15* | |
| 26 56 13 00-0222 | EA | 39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 5,328.29 | 626.08 |
| | | *For Galvanized Finish, Add* | *122.28* | |
| | | *For >10 To 20, Deduct* | *-194.35* | |
| | | *For >20 To 40, Deduct* | *-347.94* | |
| | | *For >40, Deduct* | *-736.64* | |
| 26 56 13 00-0223 | EA | 45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 6,429.91 | 813.91 |
| | | *For Galvanized Finish, Add* | *144.06* | |
| | | *For >10 To 20, Deduct* | *-232.78* | |
| | | *For >20 To 40, Deduct* | *-417.54* | |
| | | *For >40, Deduct* | *-883.10* | |
| 26 56 13 00-0224 | EA | 50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 7,504.53 | 939.13 |
| | | *For Galvanized Finish, Add* | *168.79* | |
| | | *For >10 To 20, Deduct* | *-272.01* | |
| | | *For >20 To 40, Deduct* | *-487.75* | |
| | | *For >40, Deduct* | *-1,031.77* | |
| 26 56 13 00-0225 | EA | 50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 8,373.56 | 939.13 |
| | | *For Galvanized Finish, Add* | *194.86* | |
| | | *For >10 To 20, Deduct* | *-306.77* | |
| | | *For >20 To 40, Deduct* | *-548.58* | |
| | | *For >40, Deduct* | *-1,162.12* | |
| 26 56 13 00-0226 | EA | 50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 11,277.44 | 939.13 |
| | | *For Galvanized Finish, Add* | *281.98* | |
| | | *For >10 To 20, Deduct* | *-422.92* | |
| | | *For >20 To 40, Deduct* | *-751.86* | |
| | | *For >40, Deduct* | *-1,597.70* | |
| 26 56 13 00-0227 | EA | 50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base | 12,686.68 | 939.13 |
| | | *For Galvanized Finish, Add* | *324.25* | |
| | | *For >10 To 20, Deduct* | *-479.29* | |
| | | *For >20 To 40, Deduct* | *-850.50* | |
| | | *For >40, Deduct* | *-1,809.09* | |

26 56 13 00-0228 Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0229 Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0230 | EA | 10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,191.99 | 219.13 |
| | | *For Galvanized Finish, Add* | *22.61* | |
| | | *For >10 To 20, Deduct* | *-41.11* | |
| | | *For >20 To 40, Deduct* | *-74.67* | |
| | | *For >40, Deduct* | *-156.89* | |
| 26 56 13 00-0231 | EA | 12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,254.60 | 250.43 |
| | | *For Galvanized Finish, Add* | *22.61* | |
| | | *For >10 To 20, Deduct* | *-42.67* | |
| | | *For >20 To 40, Deduct* | *-77.80* | |
| | | *For >40, Deduct* | *-163.15* | |
| 26 56 13 00-0232 | EA | 14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,353.51 | 281.74 |
| | | *For Galvanized Finish, Add* | *23.70* | |
| | | *For >10 To 20, Deduct* | *-45.69* | |
| | | *For >20 To 40, Deduct* | *-83.48* | |
| | | *For >40, Deduct* | *-174.85* | |
| 26 56 13 00-0233 | EA | 15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,436.05 | 297.39 |
| | | *For Galvanized Finish, Add* | *25.24* | |
| | | *For >10 To 20, Deduct* | *-48.52* | |
| | | *For >20 To 40, Deduct* | *-88.63* | |
| | | *For >40, Deduct* | *-185.67* | |
| 26 56 13 00-0234 | EA | 16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,467.35 | 313.05 |
| | | *For Galvanized Finish, Add* | *25.24* | |
| | | *For >10 To 20, Deduct* | *-49.30* | |
| | | *For >20 To 40, Deduct* | *-90.19* | |
| | | *For >40, Deduct* | *-188.80* | |
| 26 56 13 00-0235 | EA | 18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,553.46 | 344.34 |
| | | *For Galvanized Finish, Add* | *25.94* | |
| | | *For >10 To 20, Deduct* | *-51.81* | |
| | | *For >20 To 40, Deduct* | *-94.97* | |
| | | *For >40, Deduct* | *-198.58* | |
| 26 56 13 00-0236 | EA | 20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,635.28 | 375.65 |
| | | *For Galvanized Finish, Add* | *26.52* | |
| | | *For >10 To 20, Deduct* | *-54.14* | |
| | | *For >20 To 40, Deduct* | *-99.44* | |
| | | *For >40, Deduct* | *-207.73* | |
| 26 56 13 00-0237 | EA | 25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 2,013.83 | 500.87 |
| | | *For Galvanized Finish, Add* | *30.36* | |
| | | *For >10 To 20, Deduct* | *-65.53* | |
| | | *For >20 To 40, Deduct* | *-120.93* | |
| | | *For >40, Deduct* | *-251.99* | |
| 26 56 13 00-0238 | EA | 20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,923.53 | 375.65 |
| | | *For Galvanized Finish, Add* | *35.17* | |
| | | *For >10 To 20, Deduct* | *-65.67* | |
| | | *For >20 To 40, Deduct* | *-119.62* | |
| | | *For >40, Deduct* | *-250.96* | |
| 26 56 13 00-0239 | EA | 25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 2,410.98 | 500.87 |
| | | *For Galvanized Finish, Add* | *42.28* | |
| | | *For >10 To 20, Deduct* | *-81.41* | |
| | | *For >20 To 40, Deduct* | *-148.73* | |
| | | *For >40, Deduct* | *-311.56* | |
| 26 56 13 00-0240 | EA | 30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 2,768.93 | 563.48 |
| | | *For Galvanized Finish, Add* | *49.26* | |
| | | *For >10 To 20, Deduct* | *-93.85* | |
| | | *For >20 To 40, Deduct* | *-171.29* | |
| | | *For >40, Deduct* | *-358.99* | |
| 26 56 13 00-0241 | EA | 20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 1,844.53 | 375.65 |
| | | *For Galvanized Finish, Add* | *32.80* | |
| | | *For >10 To 20, Deduct* | *-62.51* | |
| | | *For >20 To 40, Deduct* | *-114.09* | |
| | | *For >40, Deduct* | *-239.11* | |
| 26 56 13 00-0242 | EA | 25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 2,257.24 | 500.87 |
| | | *For Galvanized Finish, Add* | *37.67* | |
| | | *For >10 To 20, Deduct* | *-75.26* | |
| | | *For >20 To 40, Deduct* | *-137.97* | |
| | | *For >40, Deduct* | *-288.50* | |
| 26 56 13 00-0243 | EA | 30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 2,636.54 | 563.48 |
| | | *For Galvanized Finish, Add* | *45.29* | |
| | | *For >10 To 20, Deduct* | *-88.56* | |
| | | *For >20 To 40, Deduct* | *-162.02* | |
| | | *For >40, Deduct* | *-339.13* | |
| 26 56 13 00-0244 | EA | 20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 2,115.70 | 375.65 |
| | | *For Galvanized Finish, Add* | *40.93* | |
| | | *For >10 To 20, Deduct* | *-73.36* | |
| | | *For >20 To 40, Deduct* | *-133.07* | |
| | | *For >40, Deduct* | *-279.79* | |
| 26 56 13 00-0245 | EA | 25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 2,603.15 | 500.87 |
| | | *For Galvanized Finish, Add* | *48.04* | |
| | | *For >10 To 20, Deduct* | *-89.10* | |
| | | *For >20 To 40, Deduct* | *-162.19* | |
| | | *For >40, Deduct* | *-340.39* | |
| 26 56 13 00-0246 | EA | 30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 2,950.42 | 563.48 |
| | | *For Galvanized Finish, Add* | *54.70* | |
| | | *For >10 To 20, Deduct* | *-101.11* | |
| | | *For >20 To 40, Deduct* | *-183.99* | |
| | | *For >40, Deduct* | *-386.22* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0247 | EA | 35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 3,277.81 | 594.78 |
| | | *For Galvanized Finish, Add* | *62.65* | |
| | | *For >10 To 20, Deduct* | *-113.27* | |
| | | *For >20 To 40, Deduct* | *-205.66* | |
| | | *For >40, Deduct* | *-432.19* | |
| 26 56 13 00-0248 | EA | 30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 3,371.06 | 563.48 |
| | | *For Galvanized Finish, Add* | *67.32* | |
| | | *For >10 To 20, Deduct* | *-117.94* | |
| | | *For >20 To 40, Deduct* | *-213.44* | |
| | | *For >40, Deduct* | *-449.31* | |
| 26 56 13 00-0249 | EA | 35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 3,700.58 | 594.78 |
| | | *For Galvanized Finish, Add* | *75.33* | |
| | | *For >10 To 20, Deduct* | *-130.18* | |
| | | *For >20 To 40, Deduct* | *-235.25* | |
| | | *For >40, Deduct* | *-495.61* | |
| 26 56 13 00-0250 | EA | 40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base | 3,914.78 | 626.08 |
| | | *For Galvanized Finish, Add* | *79.88* | |
| | | *For >10 To 20, Deduct* | *-137.81* | |
| | | *For >20 To 40, Deduct* | *-248.99* | |
| | | *For >40, Deduct* | *-524.61* | |

## 26 56 13 00-0251 Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

## 26 56 13 00-0252 Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0253 | EA | 20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 4,291.92 | 375.65 |
| | | *For Galvanized Finish, Add* | *106.22* | |
| | | *For >10 To 20, Deduct* | *-160.41* | |
| | | *For >20 To 40, Deduct* | *-285.41* | |
| | | *For >40, Deduct* | *-606.22* | |
| 26 56 13 00-0254 | EA | 25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 4,783.10 | 500.87 |
| | | *For Galvanized Finish, Add* | *113.44* | |
| | | *For >10 To 20, Deduct* | *-176.30* | |
| | | *For >20 To 40, Deduct* | *-314.78* | |
| | | *For >40, Deduct* | *-667.38* | |
| 26 56 13 00-0255 | EA | 30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 6,707.01 | 563.48 |
| | | *For Galvanized Finish, Add* | *167.40* | |
| | | *For >10 To 20, Deduct* | *-251.38* | |
| | | *For >20 To 40, Deduct* | *-446.95* | |
| | | *For >40, Deduct* | *-949.70* | |
| 26 56 13 00-0256 | EA | 20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 4,378.23 | 375.65 |
| | | *For Galvanized Finish, Add* | *108.81* | |
| | | *For >10 To 20, Deduct* | *-163.86* | |
| | | *For >20 To 40, Deduct* | *-291.45* | |
| | | *For >40, Deduct* | *-619.17* | |
| 26 56 13 00-0257 | EA | 25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 5,285.01 | 500.87 |
| | | *For Galvanized Finish, Add* | *128.50* | |
| | | *For >10 To 20, Deduct* | *-196.37* | |
| | | *For >20 To 40, Deduct* | *-349.92* | |
| | | *For >40, Deduct* | *-742.66* | |
| 26 56 13 00-0258 | EA | 30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 7,454.20 | 563.48 |
| | | *For Galvanized Finish, Add* | *189.82* | |
| | | *For >10 To 20, Deduct* | *-281.26* | |
| | | *For >20 To 40, Deduct* | *-499.26* | |
| | | *For >40, Deduct* | *-1,061.78* | |
| 26 56 13 00-0259 | EA | 35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 8,559.25 | 594.78 |
| | | *For Galvanized Finish, Add* | *221.09* | |
| | | *For >10 To 20, Deduct* | *-324.53* | |
| | | *For >20 To 40, Deduct* | *-575.36* | |
| | | *For >40, Deduct* | *-1,224.41* | |
| 26 56 13 00-0260 | EA | 39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 10,068.53 | 626.08 |
| | | *For Galvanized Finish, Add* | *264.49* | |
| | | *For >10 To 20, Deduct* | *-383.96* | |
| | | *For >20 To 40, Deduct* | *-679.75* | |
| | | *For >40, Deduct* | *-1,447.67* | |
| 26 56 13 00-0261 | EA | 20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 4,155.66 | 375.65 |
| | | *For Galvanized Finish, Add* | *102.13* | |
| | | *For >10 To 20, Deduct* | *-154.96* | |
| | | *For >20 To 40, Deduct* | *-275.87* | |
| | | *For >40, Deduct* | *-585.78* | |
| 26 56 13 00-0262 | EA | 25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 4,565.08 | 500.87 |
| | | *For Galvanized Finish, Add* | *106.90* | |
| | | *For >10 To 20, Deduct* | *-167.58* | |
| | | *For >20 To 40, Deduct* | *-299.52* | |
| | | *For >40, Deduct* | *-634.68* | |
| 26 56 13 00-0263 | EA | 30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 6,323.20 | 563.48 |
| | | *For Galvanized Finish, Add* | *155.89* | |
| | | *For >10 To 20, Deduct* | *-236.02* | |
| | | *For >20 To 40, Deduct* | *-420.09* | |
| | | *For >40, Deduct* | *-892.13* | |
| 26 56 13 00-0264 | EA | 20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 4,312.36 | 375.65 |
| | | *For Galvanized Finish, Add* | *106.83* | |
| | | *For >10 To 20, Deduct* | *-161.22* | |
| | | *For >20 To 40, Deduct* | *-286.84* | |
| | | *For >40, Deduct* | *-609.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0265 | EA | 25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 5,080.61 | 500.87 |
| | | *For Galvanized Finish, Add* | *122.37* | |
| | | *For >10 To 20, Deduct* | *-188.20* | |
| | | *For >20 To 40, Deduct* | *-335.61* | |
| | | *For >40, Deduct* | *-712.00* | |
| 26 56 13 00-0266 | EA | 30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base | 7,170.31 | 563.48 |
| | | *For Galvanized Finish, Add* | *181.30* | |
| | | *For >10 To 20, Deduct* | *-269.91* | |
| | | *For >20 To 40, Deduct* | *-479.38* | |
| | | *For >40, Deduct* | *-1,019.20* | |
| 26 56 13 00-0267 | EA | 20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 4,553.10 | 375.65 |
| | | *For Galvanized Finish, Add* | *114.05* | |
| | | *For >10 To 20, Deduct* | *-170.85* | |
| | | *For >20 To 40, Deduct* | *-303.69* | |
| | | *For >40, Deduct* | *-645.40* | |
| 26 56 13 00-0268 | EA | 25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 5,514.39 | 500.87 |
| | | *For Galvanized Finish, Add* | *135.38* | |
| | | *For >10 To 20, Deduct* | *-205.55* | |
| | | *For >20 To 40, Deduct* | *-365.97* | |
| | | *For >40, Deduct* | *-777.07* | |
| 26 56 13 00-0269 | EA | 30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 7,681.31 | 563.48 |
| | | *For Galvanized Finish, Add* | *196.63* | |
| | | *For >10 To 20, Deduct* | *-290.35* | |
| | | *For >20 To 40, Deduct* | *-515.15* | |
| | | *For >40, Deduct* | *-1,095.85* | |
| 26 56 13 00-0270 | EA | 35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 8,836.32 | 594.78 |
| | | *For Galvanized Finish, Add* | *229.40* | |
| | | *For >10 To 20, Deduct* | *-335.61* | |
| | | *For >20 To 40, Deduct* | *-594.75* | |
| | | *For >40, Deduct* | *-1,265.97* | |
| 26 56 13 00-0271 | EA | 39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base | 10,216.15 | 626.08 |
| | | *For Galvanized Finish, Add* | *268.92* | |
| | | *For >10 To 20, Deduct* | *-389.86* | |
| | | *For >20 To 40, Deduct* | *-690.09* | |
| | | *For >40, Deduct* | *-1,469.81* | |

## 26 56 13 00-0272 Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

## 26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0274 | EA | 20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 3,243.09 | 375.65 |
| | | *For Galvanized Finish, Add* | *74.75* | |
| | | *For >10 To 20, Deduct* | *-118.45* | |
| | | *For >20 To 40, Deduct* | *-211.99* | |
| | | *For >40, Deduct* | *-448.90* | |
| 26 56 13 00-0275 | EA | 25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 3,933.38 | 500.87 |
| | | *For Galvanized Finish, Add* | *87.95* | |
| | | *For >10 To 20, Deduct* | *-142.31* | |
| | | *For >20 To 40, Deduct* | *-255.30* | |
| | | *For >40, Deduct* | *-539.92* | |
| 26 56 13 00-0276 | EA | 30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 4,376.74 | 563.48 |
| | | *For Galvanized Finish, Add* | *97.49* | |
| | | *For >10 To 20, Deduct* | *-158.17* | |
| | | *For >20 To 40, Deduct* | *-283.83* | |
| | | *For >40, Deduct* | *-600.16* | |
| 26 56 13 00-0277 | EA | 35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 4,860.00 | 594.78 |
| | | *For Galvanized Finish, Add* | *110.11* | |
| | | *For >10 To 20, Deduct* | *-176.56* | |
| | | *For >20 To 40, Deduct* | *-316.41* | |
| | | *For >40, Deduct* | *-669.52* | |
| 26 56 13 00-0278 | EA | 39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 5,123.31 | 626.08 |
| | | *For Galvanized Finish, Add* | *116.13* | |
| | | *For >10 To 20, Deduct* | *-186.15* | |
| | | *For >20 To 40, Deduct* | *-333.59* | |
| | | *For >40, Deduct* | *-705.89* | |
| 26 56 13 00-0279 | EA | 20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 4,201.80 | 375.65 |
| | | *For Galvanized Finish, Add* | *103.52* | |
| | | *For >10 To 20, Deduct* | *-156.80* | |
| | | *For >20 To 40, Deduct* | *-279.10* | |
| | | *For >40, Deduct* | *-592.71* | |
| 26 56 13 00-0280 | EA | 25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 4,684.98 | 500.87 |
| | | *For Galvanized Finish, Add* | *110.50* | |
| | | *For >10 To 20, Deduct* | *-172.37* | |
| | | *For >20 To 40, Deduct* | *-307.91* | |
| | | *For >40, Deduct* | *-652.66* | |
| 26 56 13 00-0281 | EA | 30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 4,991.68 | 563.48 |
| | | *For Galvanized Finish, Add* | *115.94* | |
| | | *For >10 To 20, Deduct* | *-182.76* | |
| | | *For >20 To 40, Deduct* | *-326.88* | |
| | | *For >40, Deduct* | *-692.40* | |
| 26 56 13 00-0282 | EA | 30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 5,555.38 | 563.48 |
| | | *For Galvanized Finish, Add* | *132.85* | |
| | | *For >10 To 20, Deduct* | *-205.31* | |
| | | *For >20 To 40, Deduct* | *-366.34* | |
| | | *For >40, Deduct* | *-776.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0283 | EA | 35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 6,023.69 | 594.78 |
| | | *For Galvanized Finish, Add* | *145.02* | |
| | | *For >10 To 20, Deduct* | *-223.10* | |
| | | *For >20 To 40, Deduct* | *-397.87* | |
| | | *For >40, Deduct* | *-844.08* | |
| 26 56 13 00-0284 | EA | 35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 6,721.90 | 594.78 |
| | | *For Galvanized Finish, Add* | *165.97* | |
| | | *For >10 To 20, Deduct* | *-251.03* | |
| | | *For >20 To 40, Deduct* | *-446.74* | |
| | | *For >40, Deduct* | *-948.81* | |
| 26 56 13 00-0285 | EA | 39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 6,118.31 | 626.08 |
| | | *For Galvanized Finish, Add* | *145.98* | |
| | | *For >10 To 20, Deduct* | *-225.95* | |
| | | *For >20 To 40, Deduct* | *-403.24* | |
| | | *For >40, Deduct* | *-855.14* | |
| 26 56 13 00-0286 | EA | 39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 7,837.16 | 626.08 |
| | | *For Galvanized Finish, Add* | *197.55* | |
| | | *For >10 To 20, Deduct* | *-294.70* | |
| | | *For >20 To 40, Deduct* | *-523.56* | |
| | | *For >40, Deduct* | *-1,112.97* | |
| 26 56 13 00-0287 | EA | 45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 7,217.80 | 813.91 |
| | | *For Galvanized Finish, Add* | *167.70* | |
| | | *For >10 To 20, Deduct* | *-264.29* | |
| | | *For >20 To 40, Deduct* | *-472.69* | |
| | | *For >40, Deduct* | *-1,001.28* | |
| 26 56 13 00-0288 | EA | 45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 8,390.03 | 813.91 |
| | | *For Galvanized Finish, Add* | *202.87* | |
| | | *For >10 To 20, Deduct* | *-311.18* | |
| | | *For >20 To 40, Deduct* | *-554.75* | |
| | | *For >40, Deduct* | *-1,177.11* | |
| 26 56 13 00-0289 | EA | 50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base | 8,700.25 | 939.13 |
| | | *For Galvanized Finish, Add* | *204.66* | |
| | | *For >10 To 20, Deduct* | *-319.84* | |
| | | *For >20 To 40, Deduct* | *-571.45* | |
| | | *For >40, Deduct* | *-1,211.13* | |

## 26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

| | | | |
|---|---|---|---|
| 26 56 13 00-0291 | EA | 1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles | 75.70 |
| 26 56 13 00-0292 | EA | Extra Handhole For Steel Area Light Poles | 112.58 |
| 26 56 13 00-0293 | EA | Vibration Dampener For Steel Area Light Poles | 114.52 |

## 26 56 13 00-0294 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

## 26 56 13 00-0295 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

## 26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0295)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0297 | EA | 8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base | 730.56 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *35.49* | |
| | | *For Black Anodized Finish, Add* | *70.98* | |
| | | *For >10 To 20, Deduct* | *-23.59* | |
| | | *For >20 To 40, Deduct* | *-43.63* | |
| | | *For >40, Deduct* | *-90.80* | |
| 26 56 13 00-0298 | EA | 10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base | 811.37 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *37.31* | |
| | | *For Black Anodized Finish, Add* | *74.62* | |
| | | *For >10 To 20, Deduct* | *-25.88* | |
| | | *For >20 To 40, Deduct* | *-48.03* | |
| | | *For >40, Deduct* | *-99.79* | |
| 26 56 13 00-0299 | EA | 12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base | 896.73 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *39.59* | |
| | | *For Black Anodized Finish, Add* | *79.17* | |
| | | *For >10 To 20, Deduct* | *-28.36* | |
| | | *For >20 To 40, Deduct* | *-52.75* | |
| | | *For >40, Deduct* | *-109.47* | |
| 26 56 13 00-0300 | EA | 14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base | 983.00 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *41.95* | |
| | | *For Black Anodized Finish, Add* | *83.90* | |
| | | *For >10 To 20, Deduct* | *-30.87* | |
| | | *For >20 To 40, Deduct* | *-57.54* | |
| | | *For >40, Deduct* | *-119.28* | |
| 26 56 13 00-0301 | EA | 15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,029.77 | 297.39 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *43.50* | |
| | | *For Black Anodized Finish, Add* | *87.00* | |
| | | *For >10 To 20, Deduct* | *-32.27* | |
| | | *For >20 To 40, Deduct* | *-60.19* | |
| | | *For >40, Deduct* | *-124.73* | |
| 26 56 13 00-0302 | EA | 16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,075.63 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *44.96* | |
| | | *For Black Anodized Finish, Add* | *89.91* | |
| | | *For >10 To 20, Deduct* | *-33.63* | |
| | | *For >20 To 40, Deduct* | *-62.77* | |
| | | *For >40, Deduct* | *-130.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0303 | EA | 16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,130.24 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *50.42* | |
| | | *For Black Anodized Finish, Add* | *100.83* | |
| | | *For >10 To 20, Deduct* | *-35.82* | |
| | | *For >20 To 40, Deduct* | *-66.60* | |
| | | *For >40, Deduct* | *-138.23* | |
| 26 56 13 00-0304 | EA | 18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,227.44 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *53.87* | |
| | | *For Black Anodized Finish, Add* | *107.75* | |
| | | *For >10 To 20, Deduct* | *-38.77* | |
| | | *For >20 To 40, Deduct* | *-72.15* | |
| | | *For >40, Deduct* | *-149.68* | |
| 26 56 13 00-0305 | EA | 20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,319.16 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *56.79* | |
| | | *For Black Anodized Finish, Add* | *113.57* | |
| | | *For >10 To 20, Deduct* | *-41.50* | |
| | | *For >20 To 40, Deduct* | *-77.32* | |
| | | *For >40, Deduct* | *-160.31* | |
| 26 56 13 00-0306 | EA | 15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,230.89 | 297.39 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *63.61* | |
| | | *For Black Anodized Finish, Add* | *127.22* | |
| | | *For >10 To 20, Deduct* | *-40.31* | |
| | | *For >20 To 40, Deduct* | *-74.27* | |
| | | *For >40, Deduct* | *-154.89* | |
| 26 56 13 00-0307 | EA | 20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,520.28 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *76.90* | |
| | | *For Black Anodized Finish, Add* | *153.80* | |
| | | *For >10 To 20, Deduct* | *-49.54* | |
| | | *For >20 To 40, Deduct* | *-91.39* | |
| | | *For >40, Deduct* | *-190.48* | |
| 26 56 13 00-0308 | EA | 20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,622.20 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *87.09* | |
| | | *For Black Anodized Finish, Add* | *174.18* | |
| | | *For >10 To 20, Deduct* | *-53.62* | |
| | | *For >20 To 40, Deduct* | *-98.53* | |
| | | *For >40, Deduct* | *-205.77* | |
| 26 56 13 00-0309 | EA | 25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,968.19 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *96.65* | |
| | | *For Black Anodized Finish, Add* | *193.29* | |
| | | *For >10 To 20, Deduct* | *-63.70* | |
| | | *For >20 To 40, Deduct* | *-117.74* | |
| | | *For >40, Deduct* | *-245.14* | |
| 26 56 13 00-0310 | EA | 30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base | 2,274.50 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *114.76* | |
| | | *For Black Anodized Finish, Add* | *229.51* | |
| | | *For >10 To 20, Deduct* | *-74.08* | |
| | | *For >20 To 40, Deduct* | *-136.68* | |
| | | *For >40, Deduct* | *-284.83* | |
| 26 56 13 00-0311 | EA | 20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,381.95 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *63.07* | |
| | | *For Black Anodized Finish, Add* | *126.13* | |
| | | *For >10 To 20, Deduct* | *-44.01* | |
| | | *For >20 To 40, Deduct* | *-81.71* | |
| | | *For >40, Deduct* | *-169.73* | |
| 26 56 13 00-0312 | EA | 20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,614.01 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *86.27* | |
| | | *For Black Anodized Finish, Add* | *172.54* | |
| | | *For >10 To 20, Deduct* | *-53.29* | |
| | | *For >20 To 40, Deduct* | *-97.95* | |
| | | *For >40, Deduct* | *-204.54* | |
| 26 56 13 00-0313 | EA | 25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base | 1,953.63 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *95.19* | |
| | | *For Black Anodized Finish, Add* | *190.38* | |
| | | *For >10 To 20, Deduct* | *-63.12* | |
| | | *For >20 To 40, Deduct* | *-116.72* | |
| | | *For >40, Deduct* | *-242.96* | |
| 26 56 13 00-0314 | EA | 25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base | 2,085.59 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *108.39* | |
| | | *For Black Anodized Finish, Add* | *216.77* | |
| | | *For >10 To 20, Deduct* | *-68.40* | |
| | | *For >20 To 40, Deduct* | *-125.96* | |
| | | *For >40, Deduct* | *-262.75* | |
| 26 56 13 00-0315 | EA | 30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base | 2,423.74 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *129.68* | |
| | | *For Black Anodized Finish, Add* | *259.36* | |
| | | *For >10 To 20, Deduct* | *-80.05* | |
| | | *For >20 To 40, Deduct* | *-147.12* | |
| | | *For >40, Deduct* | *-307.21* | |

### 26 56 13 00-0316 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0295)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0317 | EA | 8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 823.38 | 187.83 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *67.16* | |
| | | *For >10 To 20, Deduct* | *-27.30* | |
| | | *For >20 To 40, Deduct* | *-50.12* | |
| | | *For >40, Deduct* | *-104.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0318 | EA | 10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 922.40 | 219.13 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *72.62* | |
| | | *For >10 To 20, Deduct* | *-30.32* | |
| | | *For >20 To 40, Deduct* | *-55.80* | |
| | | *For >40, Deduct* | *-116.45* | |
| 26 56 13 00-0319 | EA | 12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,017.77 | 250.43 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *77.54* | |
| | | *For >10 To 20, Deduct* | *-33.20* | |
| | | *For >20 To 40, Deduct* | *-61.23* | |
| | | *For >40, Deduct* | *-127.62* | |
| 26 56 13 00-0320 | EA | 14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,095.85 | 281.74 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *79.86* | |
| | | *For >10 To 20, Deduct* | *-35.38* | |
| | | *For >20 To 40, Deduct* | *-65.44* | |
| | | *For >40, Deduct* | *-136.20* | |
| 26 56 13 00-0321 | EA | 16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,184.84 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *83.81* | |
| | | *For >10 To 20, Deduct* | *-38.00* | |
| | | *For >20 To 40, Deduct* | *-70.42* | |
| | | *For >40, Deduct* | *-146.42* | |
| 26 56 13 00-0322 | EA | 10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 941.51 | 219.13 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *75.49* | |
| | | *For >10 To 20, Deduct* | *-31.09* | |
| | | *For >20 To 40, Deduct* | *-57.14* | |
| | | *For >40, Deduct* | *-119.31* | |
| 26 56 13 00-0323 | EA | 12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,035.06 | 250.43 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *80.13* | |
| | | *For >10 To 20, Deduct* | *-33.89* | |
| | | *For >20 To 40, Deduct* | *-62.44* | |
| | | *For >40, Deduct* | *-130.22* | |
| 26 56 13 00-0324 | EA | 14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,131.34 | 281.74 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *85.18* | |
| | | *For >10 To 20, Deduct* | *-36.80* | |
| | | *For >20 To 40, Deduct* | *-67.92* | |
| | | *For >40, Deduct* | *-141.53* | |
| 26 56 13 00-0325 | EA | 16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,226.70 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *90.09* | |
| | | *For >10 To 20, Deduct* | *-39.68* | |
| | | *For >20 To 40, Deduct* | *-73.35* | |
| | | *For >40, Deduct* | *-152.70* | |
| 26 56 13 00-0326 | EA | 18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,326.63 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *95.69* | |
| | | *For >10 To 20, Deduct* | *-42.73* | |
| | | *For >20 To 40, Deduct* | *-79.09* | |
| | | *For >40, Deduct* | *-164.56* | |
| 26 56 13 00-0327 | EA | 20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,421.08 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *100.47* | |
| | | *For >10 To 20, Deduct* | *-45.57* | |
| | | *For >20 To 40, Deduct* | *-84.45* | |
| | | *For >40, Deduct* | *-175.60* | |
| 26 56 13 00-0328 | EA | 12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,070.55 | 250.43 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *85.45* | |
| | | *For >10 To 20, Deduct* | *-35.31* | |
| | | *For >20 To 40, Deduct* | *-64.92* | |
| | | *For >40, Deduct* | *-135.54* | |
| 26 56 13 00-0329 | EA | 14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,173.20 | 281.74 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *91.46* | |
| | | *For >10 To 20, Deduct* | *-38.48* | |
| | | *For >20 To 40, Deduct* | *-70.85* | |
| | | *For >40, Deduct* | *-147.81* | |
| 26 56 13 00-0330 | EA | 16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,274.93 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *97.33* | |
| | | *For >10 To 20, Deduct* | *-41.61* | |
| | | *For >20 To 40, Deduct* | *-76.72* | |
| | | *For >40, Deduct* | *-159.94* | |
| 26 56 13 00-0331 | EA | 18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,378.50 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *103.47* | |
| | | *For >10 To 20, Deduct* | *-44.81* | |
| | | *For >20 To 40, Deduct* | *-82.72* | |
| | | *For >40, Deduct* | *-172.34* | |
| 26 56 13 00-0332 | EA | 16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,325.89 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *104.97* | |
| | | *For >10 To 20, Deduct* | *-43.64* | |
| | | *For >20 To 40, Deduct* | *-80.29* | |
| | | *For >40, Deduct* | *-167.58* | |
| 26 56 13 00-0333 | EA | 20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,540.30 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *118.35* | |
| | | *For >10 To 20, Deduct* | *-50.34* | |
| | | *For >20 To 40, Deduct* | *-92.80* | |
| | | *For >40, Deduct* | *-193.48* | |
| 26 56 13 00-0334 | EA | 12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,104.22 | 250.43 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *90.50* | |
| | | *For >10 To 20, Deduct* | *-36.66* | |
| | | *For >20 To 40, Deduct* | *-67.28* | |
| | | *For >40, Deduct* | *-140.59* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0335 | EA | 14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,216.88 | 281.74 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *98.01* | |
| | | *For >10 To 20, Deduct* | *-40.22* | |
| | | *For >20 To 40, Deduct* | *-73.91* | |
| | | *For >40, Deduct* | *-154.36* | |
| 26 56 13 00-0336 | EA | 16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,320.43 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *104.15* | |
| | | *For >10 To 20, Deduct* | *-43.43* | |
| | | *For >20 To 40, Deduct* | *-79.91* | |
| | | *For >40, Deduct* | *-166.76* | |
| 26 56 13 00-0337 | EA | 18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,429.46 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *111.11* | |
| | | *For >10 To 20, Deduct* | *-46.85* | |
| | | *For >20 To 40, Deduct* | *-86.29* | |
| | | *For >40, Deduct* | *-179.98* | |
| 26 56 13 00-0338 | EA | 20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,535.75 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *117.67* | |
| | | *For >10 To 20, Deduct* | *-50.16* | |
| | | *For >20 To 40, Deduct* | *-92.48* | |
| | | *For >40, Deduct* | *-192.80* | |
| 26 56 13 00-0339 | EA | 16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,386.87 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *114.12* | |
| | | *For >10 To 20, Deduct* | *-46.08* | |
| | | *For >20 To 40, Deduct* | *-84.56* | |
| | | *For >40, Deduct* | *-176.73* | |
| 26 56 13 00-0340 | EA | 18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,504.09 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *122.31* | |
| | | *For >10 To 20, Deduct* | *-49.83* | |
| | | *For >20 To 40, Deduct* | *-91.51* | |
| | | *For >40, Deduct* | *-191.18* | |
| 26 56 13 00-0341 | EA | 20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base | 1,563.96 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *121.90* | |
| | | *For >10 To 20, Deduct* | *-51.29* | |
| | | *For >20 To 40, Deduct* | *-94.45* | |
| | | *For >40, Deduct* | *-197.03* | |

### 26 56 13 00-0342 Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0295)*

Note: Includes rubberized undercoating on embedded portion.

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0343 | EA | 10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial | 647.94 | 156.52 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *33.49* | |
| | | *For Black Anodized Finish, Add* | *66.98* | |
| | | *For >10 To 20, Deduct* | *-21.22* | |
| | | *For >20 To 40, Deduct* | *-39.09* | |
| | | *For >40, Deduct* | *-81.54* | |
| 26 56 13 00-0344 | EA | 12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial | 696.52 | 172.18 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *35.22* | |
| | | *For Black Anodized Finish, Add* | *70.44* | |
| | | *For >10 To 20, Deduct* | *-22.70* | |
| | | *For >20 To 40, Deduct* | *-41.87* | |
| | | *For >40, Deduct* | *-87.26* | |
| 26 56 13 00-0345 | EA | 14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial | 768.78 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *39.31* | |
| | | *For Black Anodized Finish, Add* | *78.63* | |
| | | *For >10 To 20, Deduct* | *-25.12* | |
| | | *For >20 To 40, Deduct* | *-46.30* | |
| | | *For >40, Deduct* | *-96.53* | |
| 26 56 13 00-0346 | EA | 15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial | 789.71 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *41.41* | |
| | | *For Black Anodized Finish, Add* | *82.81* | |
| | | *For >10 To 20, Deduct* | *-25.95* | |
| | | *For >20 To 40, Deduct* | *-47.77* | |
| | | *For >40, Deduct* | *-99.67* | |
| 26 56 13 00-0347 | EA | 16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial | 816.10 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *44.05* | |
| | | *For Black Anodized Finish, Add* | *88.09* | |
| | | *For >10 To 20, Deduct* | *-27.01* | |
| | | *For >20 To 40, Deduct* | *-49.61* | |
| | | *For >40, Deduct* | *-103.63* | |
| 26 56 13 00-0348 | EA | 18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial | 927.50 | 203.47 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *52.05* | |
| | | *For Black Anodized Finish, Add* | *104.11* | |
| | | *For >10 To 20, Deduct* | *-31.00* | |
| | | *For >20 To 40, Deduct* | *-56.79* | |
| | | *For >40, Deduct* | *-118.78* | |
| 26 56 13 00-0349 | EA | 20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial | 992.47 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *55.42* | |
| | | *For Black Anodized Finish, Add* | *110.84* | |
| | | *For >10 To 20, Deduct* | *-33.12* | |
| | | *For >20 To 40, Deduct* | *-60.71* | |
| | | *For >40, Deduct* | *-126.96* | |
| 26 56 13 00-0350 | EA | 20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial | 1,133.52 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *69.53* | |
| | | *For Black Anodized Finish, Add* | *139.05* | |
| | | *For >10 To 20, Deduct* | *-38.77* | |
| | | *For >20 To 40, Deduct* | *-70.58* | |
| | | *For >40, Deduct* | *-148.12* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0351 | EA | 25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial | 1,377.23 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *87.64* | |
| | | *For Black Anodized Finish, Add* | *175.27* | |
| | | *For >10 To 20, Deduct* | *-47.58* | |
| | | *For >20 To 40, Deduct* | *-86.39* | |
| | | *For >40, Deduct* | *-181.54* | |
| 26 56 13 00-0352 | EA | 30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial | 1,561.78 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *99.83* | |
| | | *For Black Anodized Finish, Add* | *199.66* | |
| | | *For >10 To 20, Deduct* | *-54.02* | |
| | | *For >20 To 40, Deduct* | *-98.06* | |
| | | *For >40, Deduct* | *-206.09* | |
| 26 56 13 00-0353 | EA | 30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial | 1,728.32 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *116.48* | |
| | | *For Black Anodized Finish, Add* | *232.97* | |
| | | *For >10 To 20, Deduct* | *-60.68* | |
| | | *For >20 To 40, Deduct* | *-109.71* | |
| | | *For >40, Deduct* | *-231.07* | |

## 26 56 13 00-0354 Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0294)*

## 26 56 13 00-0355 Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0354)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0356 | EA | 8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 633.19 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *25.75* | |
| | | *For Black Anodized Finish, Add* | *51.51* | |
| | | *For >10 To 20, Deduct* | *-19.69* | |
| | | *For >20 To 40, Deduct* | *-36.81* | |
| | | *For >40, Deduct* | *-76.20* | |
| 26 56 13 00-0357 | EA | 10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 716.73 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *27.85* | |
| | | *For Black Anodized Finish, Add* | *55.69* | |
| | | *For >10 To 20, Deduct* | *-22.10* | |
| | | *For >20 To 40, Deduct* | *-41.41* | |
| | | *For >40, Deduct* | *-85.60* | |
| 26 56 13 00-0358 | EA | 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 800.27 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *29.94* | |
| | | *For Black Anodized Finish, Add* | *59.88* | |
| | | *For >10 To 20, Deduct* | *-24.50* | |
| | | *For >20 To 40, Deduct* | *-46.00* | |
| | | *For >40, Deduct* | *-95.00* | |
| 26 56 13 00-0359 | EA | 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 892.00 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *32.85* | |
| | | *For Black Anodized Finish, Add* | *65.70* | |
| | | *For >10 To 20, Deduct* | *-27.23* | |
| | | *For >20 To 40, Deduct* | *-51.17* | |
| | | *For >40, Deduct* | *-105.63* | |
| 26 56 13 00-0360 | EA | 16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 982.81 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *35.67* | |
| | | *For Black Anodized Finish, Add* | *71.35* | |
| | | *For >10 To 20, Deduct* | *-29.92* | |
| | | *For >20 To 40, Deduct* | *-56.28* | |
| | | *For >40, Deduct* | *-116.12* | |
| 26 56 13 00-0361 | EA | 10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 740.39 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *30.21* | |
| | | *For Black Anodized Finish, Add* | *60.43* | |
| | | *For >10 To 20, Deduct* | *-23.04* | |
| | | *For >20 To 40, Deduct* | *-43.06* | |
| | | *For >40, Deduct* | *-89.15* | |
| 26 56 13 00-0362 | EA | 12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 837.58 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *33.67* | |
| | | *For Black Anodized Finish, Add* | *67.34* | |
| | | *For >10 To 20, Deduct* | *-25.99* | |
| | | *For >20 To 40, Deduct* | *-48.61* | |
| | | *For >40, Deduct* | *-100.59* | |
| 26 56 13 00-0363 | EA | 14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 932.04 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *36.86* | |
| | | *For Black Anodized Finish, Add* | *73.71* | |
| | | *For >10 To 20, Deduct* | *-28.83* | |
| | | *For >20 To 40, Deduct* | *-53.97* | |
| | | *For >40, Deduct* | *-111.63* | |
| 26 56 13 00-0364 | EA | 18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,114.59 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *42.59* | |
| | | *For Black Anodized Finish, Add* | *85.18* | |
| | | *For >10 To 20, Deduct* | *-34.25* | |
| | | *For >20 To 40, Deduct* | *-64.25* | |
| | | *For >40, Deduct* | *-132.75* | |
| 26 56 13 00-0365 | EA | 20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,199.94 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *44.86* | |
| | | *For Black Anodized Finish, Add* | *89.73* | |
| | | *For >10 To 20, Deduct* | *-36.73* | |
| | | *For >20 To 40, Deduct* | *-68.97* | |
| | | *For >40, Deduct* | *-142.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0366 | EA | 12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 871.25 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *37.04* | |
| | | *For Black Anodized Finish, Add* | *74.08* | |
| | | *For >10 To 20, Deduct* | *-27.34* | |
| | | *For >20 To 40, Deduct* | *-50.97* | |
| | | *For >40, Deduct* | *-105.64* | |
| 26 56 13 00-0367 | EA | 14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 971.17 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *40.77* | |
| | | *For Black Anodized Finish, Add* | *81.54* | |
| | | *For >10 To 20, Deduct* | *-30.39* | |
| | | *For >20 To 40, Deduct* | *-56.71* | |
| | | *For >40, Deduct* | *-117.50* | |
| 26 56 13 00-0368 | EA | 16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,077.45 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *45.14* | |
| | | *For Black Anodized Finish, Add* | *90.27* | |
| | | *For >10 To 20, Deduct* | *-33.71* | |
| | | *For >20 To 40, Deduct* | *-62.90* | |
| | | *For >40, Deduct* | *-130.31* | |
| 26 56 13 00-0369 | EA | 18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,167.38 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *47.87* | |
| | | *For Black Anodized Finish, Add* | *95.74* | |
| | | *For >10 To 20, Deduct* | *-36.36* | |
| | | *For >20 To 40, Deduct* | *-67.94* | |
| | | *For >40, Deduct* | *-140.67* | |
| 26 56 13 00-0370 | EA | 20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,270.02 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *51.87* | |
| | | *For Black Anodized Finish, Add* | *103.74* | |
| | | *For >10 To 20, Deduct* | *-39.53* | |
| | | *For >20 To 40, Deduct* | *-73.88* | |
| | | *For >40, Deduct* | *-152.94* | |
| 26 56 13 00-0371 | EA | 16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,166.64 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *54.06* | |
| | | *For Black Anodized Finish, Add* | *108.11* | |
| | | *For >10 To 20, Deduct* | *-37.27* | |
| | | *For >20 To 40, Deduct* | *-69.14* | |
| | | *For >40, Deduct* | *-143.69* | |
| 26 56 13 00-0372 | EA | 18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,281.13 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *59.24* | |
| | | *For Black Anodized Finish, Add* | *118.49* | |
| | | *For >10 To 20, Deduct* | *-40.91* | |
| | | *For >20 To 40, Deduct* | *-75.91* | |
| | | *For >40, Deduct* | *-157.73* | |
| 26 56 13 00-0373 | EA | 20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,358.29 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *60.70* | |
| | | *For Black Anodized Finish, Add* | *121.40* | |
| | | *For >10 To 20, Deduct* | *-43.06* | |
| | | *For >20 To 40, Deduct* | *-80.05* | |
| | | *For >40, Deduct* | *-166.18* | |
| 26 56 13 00-0374 | EA | 23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,564.50 | 438.26 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *68.80* | |
| | | *For Black Anodized Finish, Add* | *137.60* | |
| | | *For >10 To 20, Deduct* | *-49.43* | |
| | | *For >20 To 40, Deduct* | *-91.98* | |
| | | *For >40, Deduct* | *-190.85* | |
| 26 56 13 00-0375 | EA | 25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,776.18 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *77.44* | |
| | | *For Black Anodized Finish, Add* | *154.89* | |
| | | *For >10 To 20, Deduct* | *-56.02* | |
| | | *For >20 To 40, Deduct* | *-104.30* | |
| | | *For >40, Deduct* | *-216.34* | |
| 26 56 13 00-0376 | EA | 18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,370.31 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *68.16* | |
| | | *For Black Anodized Finish, Add* | *136.32* | |
| | | *For >10 To 20, Deduct* | *-44.48* | |
| | | *For >20 To 40, Deduct* | *-82.15* | |
| | | *For >40, Deduct* | *-171.11* | |
| 26 56 13 00-0377 | EA | 20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,466.58 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *71.53* | |
| | | *For Black Anodized Finish, Add* | *143.06* | |
| | | *For >10 To 20, Deduct* | *-47.39* | |
| | | *For >20 To 40, Deduct* | *-87.63* | |
| | | *For >40, Deduct* | *-182.42* | |
| 26 56 13 00-0378 | EA | 23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,650.05 | 438.26 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *77.35* | |
| | | *For Black Anodized Finish, Add* | *154.71* | |
| | | *For >10 To 20, Deduct* | *-52.85* | |
| | | *For >20 To 40, Deduct* | *-97.97* | |
| | | *For >40, Deduct* | *-203.68* | |
| 26 56 13 00-0379 | EA | 25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,841.70 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *84.00* | |
| | | *For Black Anodized Finish, Add* | *167.99* | |
| | | *For >10 To 20, Deduct* | *-58.64* | |
| | | *For >20 To 40, Deduct* | *-108.88* | |
| | | *For >40, Deduct* | *-226.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0380 | EA | 28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,978.02 | 532.17 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *91.37* | |
| | | *For Black Anodized Finish, Add* | *182.73* | |
| | | *For >10 To 20, Deduct* | *-63.16* | |
| | | *For >20 To 40, Deduct* | *-117.17* | |
| | | *For >40, Deduct* | *-243.49* | |
| 26 56 13 00-0381 | EA | 30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,116.15 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *98.92* | |
| | | *For Black Anodized Finish, Add* | *197.84* | |
| | | *For >10 To 20, Deduct* | *-67.74* | |
| | | *For >20 To 40, Deduct* | *-125.59* | |
| | | *For >40, Deduct* | *-261.08* | |
| 26 56 13 00-0382 | EA | 23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,734.68 | 438.26 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *85.82* | |
| | | *For Black Anodized Finish, Add* | *171.63* | |
| | | *For >10 To 20, Deduct* | *-56.24* | |
| | | *For >20 To 40, Deduct* | *-103.90* | |
| | | *For >40, Deduct* | *-216.38* | |
| 26 56 13 00-0383 | EA | 25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,898.12 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *89.64* | |
| | | *For Black Anodized Finish, Add* | *179.28* | |
| | | *For >10 To 20, Deduct* | *-60.90* | |
| | | *For >20 To 40, Deduct* | *-112.83* | |
| | | *For >40, Deduct* | *-234.63* | |
| 26 56 13 00-0384 | EA | 28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,038.99 | 532.17 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *97.46* | |
| | | *For Black Anodized Finish, Add* | *194.93* | |
| | | *For >10 To 20, Deduct* | *-65.59* | |
| | | *For >20 To 40, Deduct* | *-121.44* | |
| | | *For >40, Deduct* | *-252.63* | |
| 26 56 13 00-0385 | EA | 30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,210.80 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *108.39* | |
| | | *For Black Anodized Finish, Add* | *216.77* | |
| | | *For >10 To 20, Deduct* | *-71.53* | |
| | | *For >20 To 40, Deduct* | *-132.22* | |
| | | *For >40, Deduct* | *-275.27* | |
| 26 56 13 00-0386 | EA | 33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,283.06 | 579.12 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *112.48* | |
| | | *For Black Anodized Finish, Add* | *224.96* | |
| | | *For >10 To 20, Deduct* | *-73.95* | |
| | | *For >20 To 40, Deduct* | *-136.65* | |
| | | *For >40, Deduct* | *-284.55* | |
| 26 56 13 00-0387 | EA | 35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,424.48 | 594.78 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *123.49* | |
| | | *For Black Anodized Finish, Add* | *246.98* | |
| | | *For >10 To 20, Deduct* | *-79.14* | |
| | | *For >20 To 40, Deduct* | *-145.92* | |
| | | *For >40, Deduct* | *-304.19* | |
| 26 56 13 00-0388 | EA | 12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 908.56 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *40.77* | |
| | | *For Black Anodized Finish, Add* | *81.54* | |
| | | *For >10 To 20, Deduct* | *-28.83* | |
| | | *For >20 To 40, Deduct* | *-53.58* | |
| | | *For >40, Deduct* | *-111.24* | |
| 26 56 13 00-0389 | EA | 14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,014.85 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *45.14* | |
| | | *For Black Anodized Finish, Add* | *90.27* | |
| | | *For >10 To 20, Deduct* | *-32.14* | |
| | | *For >20 To 40, Deduct* | *-59.77* | |
| | | *For >40, Deduct* | *-124.05* | |
| 26 56 13 00-0390 | EA | 16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,124.78 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *49.87* | |
| | | *For Black Anodized Finish, Add* | *99.74* | |
| | | *For >10 To 20, Deduct* | *-35.60* | |
| | | *For >20 To 40, Deduct* | *-66.21* | |
| | | *For >40, Deduct* | *-137.41* | |
| 26 56 13 00-0391 | EA | 18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,224.71 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *53.60* | |
| | | *For Black Anodized Finish, Add* | *107.20* | |
| | | *For >10 To 20, Deduct* | *-38.66* | |
| | | *For >20 To 40, Deduct* | *-71.96* | |
| | | *For >40, Deduct* | *-149.27* | |
| 26 56 13 00-0392 | EA | 20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,323.71 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *57.24* | |
| | | *For Black Anodized Finish, Add* | *114.48* | |
| | | *For >10 To 20, Deduct* | *-41.68* | |
| | | *For >20 To 40, Deduct* | *-77.63* | |
| | | *For >40, Deduct* | *-160.99* | |
| 26 56 13 00-0393 | EA | 16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,223.97 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *59.79* | |
| | | *For Black Anodized Finish, Add* | *119.58* | |
| | | *For >10 To 20, Deduct* | *-39.57* | |
| | | *For >20 To 40, Deduct* | *-73.16* | |
| | | *For >40, Deduct* | *-152.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0394 | EA | 18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,341.19 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *65.25* | |
| | | *For Black Anodized Finish, Add* | *130.50* | |
| | | *For >10 To 20, Deduct* | *-43.32* | |
| | | *For >20 To 40, Deduct* | *-80.11* | |
| | | *For >40, Deduct* | *-166.74* | |
| 26 56 13 00-0395 | EA | 20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,430.18 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *67.89* | |
| | | *For Black Anodized Finish, Add* | *135.78* | |
| | | *For >10 To 20, Deduct* | *-45.94* | |
| | | *For >20 To 40, Deduct* | *-85.09* | |
| | | *For >40, Deduct* | *-176.96* | |
| 26 56 13 00-0396 | EA | 23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,631.84 | 438.26 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *75.53* | |
| | | *For Black Anodized Finish, Add* | *151.06* | |
| | | *For >10 To 20, Deduct* | *-52.13* | |
| | | *For >20 To 40, Deduct* | *-96.70* | |
| | | *For >40, Deduct* | *-200.95* | |
| 26 56 13 00-0397 | EA | 25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,838.97 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *83.72* | |
| | | *For Black Anodized Finish, Add* | *167.45* | |
| | | *For >10 To 20, Deduct* | *-58.53* | |
| | | *For >20 To 40, Deduct* | *-108.69* | |
| | | *For >40, Deduct* | *-225.76* | |
| 26 56 13 00-0398 | EA | 23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 1,837.51 | 438.26 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *96.10* | |
| | | *For Black Anodized Finish, Add* | *192.20* | |
| | | *For >10 To 20, Deduct* | *-60.35* | |
| | | *For >20 To 40, Deduct* | *-111.10* | |
| | | *For >40, Deduct* | *-231.80* | |
| 26 56 13 00-0399 | EA | 25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,034.62 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *103.29* | |
| | | *For Black Anodized Finish, Add* | *206.58* | |
| | | *For >10 To 20, Deduct* | *-66.36* | |
| | | *For >20 To 40, Deduct* | *-122.39* | |
| | | *For >40, Deduct* | *-255.11* | |
| 26 56 13 00-0400 | EA | 28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,186.42 | 532.17 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *112.21* | |
| | | *For Black Anodized Finish, Add* | *224.41* | |
| | | *For >10 To 20, Deduct* | *-71.49* | |
| | | *For >20 To 40, Deduct* | *-131.76* | |
| | | *For >40, Deduct* | *-274.75* | |
| 26 56 13 00-0401 | EA | 30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,322.73 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *119.58* | |
| | | *For Black Anodized Finish, Add* | *239.16* | |
| | | *For >10 To 20, Deduct* | *-76.00* | |
| | | *For >20 To 40, Deduct* | *-140.05* | |
| | | *For >40, Deduct* | *-292.06* | |
| 26 56 13 00-0402 | EA | 33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,442.31 | 579.12 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *128.41* | |
| | | *For Black Anodized Finish, Add* | *256.81* | |
| | | *For >10 To 20, Deduct* | *-80.32* | |
| | | *For >20 To 40, Deduct* | *-147.80* | |
| | | *For >40, Deduct* | *-308.43* | |
| 26 56 13 00-0403 | EA | 35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,547.33 | 594.78 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *135.78* | |
| | | *For Black Anodized Finish, Add* | *271.55* | |
| | | *For >10 To 20, Deduct* | *-84.05* | |
| | | *For >20 To 40, Deduct* | *-154.52* | |
| | | *For >40, Deduct* | *-322.62* | |
| 26 56 13 00-0404 | EA | 37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,637.78 | 610.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *141.69* | |
| | | *For Black Anodized Finish, Add* | *283.38* | |
| | | *For >10 To 20, Deduct* | *-87.20* | |
| | | *For >20 To 40, Deduct* | *-160.23* | |
| | | *For >40, Deduct* | *-334.62* | |
| 26 56 13 00-0405 | EA | 39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,796.49 | 626.08 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *154.43* | |
| | | *For Black Anodized Finish, Add* | *308.86* | |
| | | *For >10 To 20, Deduct* | *-93.08* | |
| | | *For >20 To 40, Deduct* | *-170.71* | |
| | | *For >40, Deduct* | *-356.87* | |
| 26 56 13 00-0406 | EA | 28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,579.55 | 532.17 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *151.52* | |
| | | *For Black Anodized Finish, Add* | *303.04* | |
| | | *For >10 To 20, Deduct* | *-87.22* | |
| | | *For >20 To 40, Deduct* | *-159.28* | |
| | | *For >40, Deduct* | *-333.72* | |
| 26 56 13 00-0407 | EA | 30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,777.74 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *165.08* | |
| | | *For Black Anodized Finish, Add* | *330.16* | |
| | | *For >10 To 20, Deduct* | *-94.21* | |
| | | *For >20 To 40, Deduct* | *-171.90* | |
| | | *For >40, Deduct* | *-360.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0408 | EA | 33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,915.53 | 579.12 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *175.73* | |
| | | *For Black Anodized Finish, Add* | *351.45* | |
| | | *For >10 To 20, Deduct* | *-99.25* | |
| | | *For >20 To 40, Deduct* | *-180.92* | |
| | | *For >40, Deduct* | *-379.42* | |
| 26 56 13 00-0409 | EA | 35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,021.46 | 594.78 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *183.19* | |
| | | *For Black Anodized Finish, Add* | *366.38* | |
| | | *For >10 To 20, Deduct* | *-103.01* | |
| | | *For >20 To 40, Deduct* | *-187.71* | |
| | | *For >40, Deduct* | *-393.74* | |
| 26 56 13 00-0410 | EA | 37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,082.78 | 610.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *186.19* | |
| | | *For Black Anodized Finish, Add* | *372.38* | |
| | | *For >10 To 20, Deduct* | *-105.00* | |
| | | *For >20 To 40, Deduct* | *-191.38* | |
| | | *For >40, Deduct* | *-401.37* | |
| 26 56 13 00-0411 | EA | 39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,256.97 | 626.08 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *200.48* | |
| | | *For Black Anodized Finish, Add* | *400.96* | |
| | | *For >10 To 20, Deduct* | *-111.50* | |
| | | *For >20 To 40, Deduct* | *-202.94* | |
| | | *For >40, Deduct* | *-425.94* | |
| 26 56 13 00-0412 | EA | 28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,454.88 | 532.17 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *139.05* | |
| | | *For Black Anodized Finish, Add* | *278.11* | |
| | | *For >10 To 20, Deduct* | *-82.23* | |
| | | *For >20 To 40, Deduct* | *-150.55* | |
| | | *For >40, Deduct* | *-315.01* | |
| 26 56 13 00-0413 | EA | 30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,636.69 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *150.97* | |
| | | *For Black Anodized Finish, Add* | *301.95* | |
| | | *For >10 To 20, Deduct* | *-88.56* | |
| | | *For >20 To 40, Deduct* | *-162.03* | |
| | | *For >40, Deduct* | *-339.16* | |
| 26 56 13 00-0414 | EA | 33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,708.95 | 579.12 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *155.07* | |
| | | *For Black Anodized Finish, Add* | *310.14* | |
| | | *For >10 To 20, Deduct* | *-90.98* | |
| | | *For >20 To 40, Deduct* | *-166.46* | |
| | | *For >40, Deduct* | *-348.43* | |
| 26 56 13 00-0415 | EA | 35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,885.87 | 594.78 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *169.63* | |
| | | *For Black Anodized Finish, Add* | *339.26* | |
| | | *For >10 To 20, Deduct* | *-97.59* | |
| | | *For >20 To 40, Deduct* | *-178.22* | |
| | | *For >40, Deduct* | *-373.40* | |
| 26 56 13 00-0416 | EA | 37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 2,975.40 | 610.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *175.45* | |
| | | *For Black Anodized Finish, Add* | *350.91* | |
| | | *For >10 To 20, Deduct* | *-100.70* | |
| | | *For >20 To 40, Deduct* | *-183.86* | |
| | | *For >40, Deduct* | *-385.27* | |
| 26 56 13 00-0417 | EA | 39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,150.49 | 626.08 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *189.83* | |
| | | *For Black Anodized Finish, Add* | *379.66* | |
| | | *For >10 To 20, Deduct* | *-107.24* | |
| | | *For >20 To 40, Deduct* | *-195.49* | |
| | | *For >40, Deduct* | *-409.97* | |
| 26 56 13 00-0418 | EA | 28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,024.55 | 532.17 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *196.02* | |
| | | *For Black Anodized Finish, Add* | *392.04* | |
| | | *For >10 To 20, Deduct* | *-105.02* | |
| | | *For >20 To 40, Deduct* | *-190.43* | |
| | | *For >40, Deduct* | *-400.47* | |
| 26 56 13 00-0419 | EA | 30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,198.18 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *207.12* | |
| | | *For Black Anodized Finish, Add* | *414.25* | |
| | | *For >10 To 20, Deduct* | *-111.02* | |
| | | *For >20 To 40, Deduct* | *-201.33* | |
| | | *For >40, Deduct* | *-423.38* | |
| 26 56 13 00-0420 | EA | 33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,337.78 | 579.12 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *217.95* | |
| | | *For Black Anodized Finish, Add* | *435.90* | |
| | | *For >10 To 20, Deduct* | *-116.14* | |
| | | *For >20 To 40, Deduct* | *-210.48* | |
| | | *For >40, Deduct* | *-442.75* | |
| 26 56 13 00-0421 | EA | 35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,551.10 | 594.78 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *236.15* | |
| | | *For Black Anodized Finish, Add* | *472.31* | |
| | | *For >10 To 20, Deduct* | *-124.20* | |
| | | *For >20 To 40, Deduct* | *-224.79* | |
| | | *For >40, Deduct* | *-473.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0422 | EA | 37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,602.41 | 610.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *238.16* | |
| | | *For Black Anodized Finish, Add* | *476.31* | |
| | | *For >10 To 20, Deduct* | *-125.78* | |
| | | *For >20 To 40, Deduct* | *-227.75* | |
| | | *For >40, Deduct* | *-479.32* | |
| 26 56 13 00-0423 | EA | 39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 3,814.81 | 626.08 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *256.26* | |
| | | *For Black Anodized Finish, Add* | *512.53* | |
| | | *For >10 To 20, Deduct* | *-133.81* | |
| | | *For >20 To 40, Deduct* | *-241.99* | |
| | | *For >40, Deduct* | *-509.61* | |
| 26 56 13 00-0424 | EA | 48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 4,862.24 | 939.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *298.40* | |
| | | *For Black Anodized Finish, Add* | *596.80* | |
| | | *For >10 To 20, Deduct* | *-166.32* | |
| | | *For >20 To 40, Deduct* | *-302.79* | |
| | | *For >40, Deduct* | *-635.42* | |
| 26 56 13 00-0425 | EA | 50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base | 4,975.08 | 939.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *309.68* | |
| | | *For Black Anodized Finish, Add* | *619.37* | |
| | | *For >10 To 20, Deduct* | *-170.83* | |
| | | *For >20 To 40, Deduct* | *-310.69* | |
| | | *For >40, Deduct* | *-652.35* | |

## 26 56 13 00-0426 Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0354)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0427 | EA | 8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 828.84 | 187.83 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *67.98* | |
| | | *For >10 To 20, Deduct* | *-27.52* | |
| | | *For >20 To 40, Deduct* | *-50.51* | |
| | | *For >40, Deduct* | *-105.54* | |
| 26 56 13 00-0428 | EA | 10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 910.57 | 219.13 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *70.85* | |
| | | *For >10 To 20, Deduct* | *-29.85* | |
| | | *For >20 To 40, Deduct* | *-54.97* | |
| | | *For >40, Deduct* | *-114.67* | |
| 26 56 13 00-0429 | EA | 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 993.20 | 250.43 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *73.85* | |
| | | *For >10 To 20, Deduct* | *-32.21* | |
| | | *For >20 To 40, Deduct* | *-59.51* | |
| | | *For >40, Deduct* | *-123.94* | |
| 26 56 13 00-0430 | EA | 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,077.65 | 281.74 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *77.13* | |
| | | *For >10 To 20, Deduct* | *-34.65* | |
| | | *For >20 To 40, Deduct* | *-64.17* | |
| | | *For >40, Deduct* | *-133.47* | |
| 26 56 13 00-0431 | EA | 16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,161.18 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *80.27* | |
| | | *For >10 To 20, Deduct* | *-37.06* | |
| | | *For >20 To 40, Deduct* | *-68.76* | |
| | | *For >40, Deduct* | *-142.87* | |
| 26 56 13 00-0432 | EA | 10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 921.49 | 219.13 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *72.48* | |
| | | *For >10 To 20, Deduct* | *-30.29* | |
| | | *For >20 To 40, Deduct* | *-55.74* | |
| | | *For >40, Deduct* | *-116.31* | |
| 26 56 13 00-0433 | EA | 12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,005.94 | 250.43 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *75.76* | |
| | | *For >10 To 20, Deduct* | *-32.72* | |
| | | *For >20 To 40, Deduct* | *-60.40* | |
| | | *For >40, Deduct* | *-125.85* | |
| 26 56 13 00-0434 | EA | 14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,092.21 | 281.74 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *79.31* | |
| | | *For >10 To 20, Deduct* | *-35.24* | |
| | | *For >20 To 40, Deduct* | *-65.19* | |
| | | *For >40, Deduct* | *-135.66* | |
| 26 56 13 00-0435 | EA | 16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,177.56 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *82.72* | |
| | | *For >10 To 20, Deduct* | *-37.71* | |
| | | *For >20 To 40, Deduct* | *-69.91* | |
| | | *For >40, Deduct* | *-145.33* | |
| 26 56 13 00-0436 | EA | 18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,274.76 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *87.91* | |
| | | *For >10 To 20, Deduct* | *-40.66* | |
| | | *For >20 To 40, Deduct* | *-75.46* | |
| | | *For >40, Deduct* | *-156.78* | |
| 26 56 13 00-0437 | EA | 20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,363.75 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *91.87* | |
| | | *For >10 To 20, Deduct* | *-43.28* | |
| | | *For >20 To 40, Deduct* | *-80.44* | |
| | | *For >40, Deduct* | *-167.00* | |
| 26 56 13 00-0438 | EA | 12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,041.43 | 250.43 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *81.08* | |
| | | *For >10 To 20, Deduct* | *-34.14* | |
| | | *For >20 To 40, Deduct* | *-62.88* | |
| | | *For >40, Deduct* | *-131.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0439 | EA | 14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,132.25 | 281.74 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *85.32* | |
| | | *For >10 To 20, Deduct* | *-36.84* | |
| | | *For >20 To 40, Deduct* | *-67.99* | |
| | | *For >40, Deduct* | *-141.66* | |
| 26 56 13 00-0440 | EA | 16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,233.98 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *91.19* | |
| | | *For >10 To 20, Deduct* | *-39.97* | |
| | | *For >20 To 40, Deduct* | *-73.86* | |
| | | *For >40, Deduct* | *-153.79* | |
| 26 56 13 00-0441 | EA | 18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,326.63 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *95.69* | |
| | | *For >10 To 20, Deduct* | *-42.73* | |
| | | *For >20 To 40, Deduct* | *-79.09* | |
| | | *For >40, Deduct* | *-164.56* | |
| 26 56 13 00-0442 | EA | 20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,431.09 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *101.97* | |
| | | *For >10 To 20, Deduct* | *-45.97* | |
| | | *For >20 To 40, Deduct* | *-85.15* | |
| | | *For >40, Deduct* | *-177.10* | |
| 26 56 13 00-0443 | EA | 16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,285.85 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *98.97* | |
| | | *For >10 To 20, Deduct* | *-42.04* | |
| | | *For >20 To 40, Deduct* | *-77.49* | |
| | | *For >40, Deduct* | *-161.57* | |
| 26 56 13 00-0444 | EA | 18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,396.70 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *106.20* | |
| | | *For >10 To 20, Deduct* | *-45.54* | |
| | | *For >20 To 40, Deduct* | *-84.00* | |
| | | *For >40, Deduct* | *-175.07* | |
| 26 56 13 00-0445 | EA | 20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,487.51 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *110.43* | |
| | | *For >10 To 20, Deduct* | *-48.23* | |
| | | *For >20 To 40, Deduct* | *-89.10* | |
| | | *For >40, Deduct* | *-185.56* | |
| 26 56 13 00-0446 | EA | 12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,069.64 | 250.43 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *85.32* | |
| | | *For >10 To 20, Deduct* | *-35.27* | |
| | | *For >20 To 40, Deduct* | *-64.86* | |
| | | *For >40, Deduct* | *-135.40* | |
| 26 56 13 00-0447 | EA | 14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,175.02 | 281.74 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *91.73* | |
| | | *For >10 To 20, Deduct* | *-38.55* | |
| | | *For >20 To 40, Deduct* | *-70.98* | |
| | | *For >40, Deduct* | *-148.08* | |
| 26 56 13 00-0448 | EA | 16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,285.85 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *98.97* | |
| | | *For >10 To 20, Deduct* | *-42.04* | |
| | | *For >20 To 40, Deduct* | *-77.49* | |
| | | *For >40, Deduct* | *-161.57* | |
| 26 56 13 00-0449 | EA | 18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,385.78 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *104.56* | |
| | | *For >10 To 20, Deduct* | *-45.10* | |
| | | *For >20 To 40, Deduct* | *-83.23* | |
| | | *For >40, Deduct* | *-173.43* | |
| 26 56 13 00-0450 | EA | 20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,492.06 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *111.11* | |
| | | *For >10 To 20, Deduct* | *-48.41* | |
| | | *For >20 To 40, Deduct* | *-89.42* | |
| | | *For >40, Deduct* | *-186.24* | |
| 26 56 13 00-0451 | EA | 16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,345.00 | 313.05 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *107.84* | |
| | | *For >10 To 20, Deduct* | *-44.41* | |
| | | *For >20 To 40, Deduct* | *-81.63* | |
| | | *For >40, Deduct* | *-170.45* | |
| 26 56 13 00-0452 | EA | 18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,463.14 | 344.34 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *116.17* | |
| | | *For >10 To 20, Deduct* | *-48.20* | |
| | | *For >20 To 40, Deduct* | *-88.65* | |
| | | *For >40, Deduct* | *-185.04* | |
| 26 56 13 00-0453 | EA | 20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base | 1,558.50 | 375.65 |
| | | *For Bronze, Satin Or Black Anodized Finish, Add* | *121.08* | |
| | | *For >10 To 20, Deduct* | *-51.07* | |
| | | *For >20 To 40, Deduct* | *-94.07* | |
| | | *For >40, Deduct* | *-196.21* | |

### 26 56 13 00-0454 Round Tapered, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0354)*

Note: Includes rubberized undercoating on embedded portion.

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0455 | EA | 8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 582.42 | 156.52 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *26.94* | |
| | | *For Black Anodized Finish, Add* | *53.87* | |
| | | *For >10 To 20, Deduct* | *-18.60* | |
| | | *For >20 To 40, Deduct* | *-34.51* | |
| | | *For >40, Deduct* | *-71.71* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0456 | EA | 10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 607.90 | 156.52 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *29.49* | |
| | | *For Black Anodized Finish, Add* | *58.97* | |
| | | *For >10 To 20, Deduct* | *-19.62* | |
| | | *For >20 To 40, Deduct* | *-36.29* | |
| | | *For >40, Deduct* | *-75.53* | |
| 26 56 13 00-0457 | EA | 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 660.12 | 172.18 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *31.58* | |
| | | *For Black Anodized Finish, Add* | *63.16* | |
| | | *For >10 To 20, Deduct* | *-21.24* | |
| | | *For >20 To 40, Deduct* | *-39.32* | |
| | | *For >40, Deduct* | *-81.80* | |
| 26 56 13 00-0458 | EA | 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 705.99 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *33.03* | |
| | | *For Black Anodized Finish, Add* | *66.07* | |
| | | *For >10 To 20, Deduct* | *-22.60* | |
| | | *For >20 To 40, Deduct* | *-41.91* | |
| | | *For >40, Deduct* | *-87.12* | |
| 26 56 13 00-0459 | EA | 16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 738.75 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *36.31* | |
| | | *For Black Anodized Finish, Add* | *72.62* | |
| | | *For >10 To 20, Deduct* | *-23.92* | |
| | | *For >20 To 40, Deduct* | *-44.20* | |
| | | *For >40, Deduct* | *-92.03* | |
| 26 56 13 00-0460 | EA | 12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 684.69 | 172.18 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *34.04* | |
| | | *For Black Anodized Finish, Add* | *68.07* | |
| | | *For >10 To 20, Deduct* | *-22.22* | |
| | | *For >20 To 40, Deduct* | *-41.04* | |
| | | *For >40, Deduct* | *-85.49* | |
| 26 56 13 00-0461 | EA | 14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 741.48 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *36.58* | |
| | | *For Black Anodized Finish, Add* | *73.17* | |
| | | *For >10 To 20, Deduct* | *-24.02* | |
| | | *For >20 To 40, Deduct* | *-44.39* | |
| | | *For >40, Deduct* | *-92.44* | |
| 26 56 13 00-0462 | EA | 16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 759.68 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *38.40* | |
| | | *For Black Anodized Finish, Add* | *76.81* | |
| | | *For >10 To 20, Deduct* | *-24.75* | |
| | | *For >20 To 40, Deduct* | *-45.66* | |
| | | *For >40, Deduct* | *-95.17* | |
| 26 56 13 00-0463 | EA | 18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 820.11 | 203.47 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *41.32* | |
| | | *For Black Anodized Finish, Add* | *82.63* | |
| | | *For >10 To 20, Deduct* | *-26.70* | |
| | | *For >20 To 40, Deduct* | *-49.27* | |
| | | *For >40, Deduct* | *-102.67* | |
| 26 56 13 00-0464 | EA | 20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial | 876.89 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *43.86* | |
| | | *For Black Anodized Finish, Add* | *87.73* | |
| | | *For >10 To 20, Deduct* | *-28.50* | |
| | | *For >20 To 40, Deduct* | *-52.62* | |
| | | *For >40, Deduct* | *-109.62* | |
| 26 56 13 00-0465 | EA | 16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial | 812.46 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *43.68* | |
| | | *For Black Anodized Finish, Add* | *87.36* | |
| | | *For >10 To 20, Deduct* | *-26.86* | |
| | | *For >20 To 40, Deduct* | *-49.36* | |
| | | *For >40, Deduct* | *-103.09* | |
| 26 56 13 00-0466 | EA | 18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial | 878.36 | 203.47 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *47.14* | |
| | | *For Black Anodized Finish, Add* | *94.28* | |
| | | *For >10 To 20, Deduct* | *-29.03* | |
| | | *For >20 To 40, Deduct* | *-53.35* | |
| | | *For >40, Deduct* | *-111.41* | |
| 26 56 13 00-0467 | EA | 20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial | 939.69 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *50.14* | |
| | | *For Black Anodized Finish, Add* | *100.29* | |
| | | *For >10 To 20, Deduct* | *-31.01* | |
| | | *For >20 To 40, Deduct* | *-57.01* | |
| | | *For >40, Deduct* | *-119.04* | |
| 26 56 13 00-0468 | EA | 18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial | 952.98 | 203.47 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *54.60* | |
| | | *For Black Anodized Finish, Add* | *109.20* | |
| | | *For >10 To 20, Deduct* | *-32.01* | |
| | | *For >20 To 40, Deduct* | *-58.57* | |
| | | *For >40, Deduct* | *-122.60* | |
| 26 56 13 00-0469 | EA | 25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial | 1,217.06 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *71.62* | |
| | | *For Black Anodized Finish, Add* | *143.24* | |
| | | *For >10 To 20, Deduct* | *-41.17* | |
| | | *For >20 To 40, Deduct* | *-75.18* | |
| | | *For >40, Deduct* | *-157.52* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0470 | EA | 25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial | 1,319.90 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *81.90* | |
| | | *For Black Anodized Finish, Add* | *163.81* | |
| | | *For >10 To 20, Deduct* | *-45.28* | |
| | | *For >20 To 40, Deduct* | *-82.38* | |
| | | *For >40, Deduct* | *-172.94* | |
| 26 56 13 00-0471 | EA | 30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial | 1,470.78 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *90.73* | |
| | | *For Black Anodized Finish, Add* | *181.46* | |
| | | *For >10 To 20, Deduct* | *-50.38* | |
| | | *For >20 To 40, Deduct* | *-91.69* | |
| | | *For >40, Deduct* | *-192.44* | |
| 26 56 13 00-0472 | EA | 30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial | 1,582.71 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *101.92* | |
| | | *For Black Anodized Finish, Add* | *203.85* | |
| | | *For >10 To 20, Deduct* | *-54.86* | |
| | | *For >20 To 40, Deduct* | *-99.52* | |
| | | *For >40, Deduct* | *-209.23* | |
| 26 56 13 00-0473 | | Square Straight, Aluminum Area Light Poles *(26 56 13 00-0294)* | | |
| 26 56 13 00-0474 | | Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0473)* | | |
| 26 56 13 00-0475 | EA | 8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base | 751.49 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *37.58* | |
| | | *For Black Anodized Finish, Add* | *75.17* | |
| | | *For >10 To 20, Deduct* | *-24.42* | |
| | | *For >20 To 40, Deduct* | *-45.09* | |
| | | *For >40, Deduct* | *-93.94* | |
| 26 56 13 00-0476 | EA | 10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base | 833.21 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *39.50* | |
| | | *For Black Anodized Finish, Add* | *78.99* | |
| | | *For >10 To 20, Deduct* | *-26.75* | |
| | | *For >20 To 40, Deduct* | *-49.56* | |
| | | *For >40, Deduct* | *-103.07* | |
| 26 56 13 00-0477 | EA | 12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base | 922.21 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *42.13* | |
| | | *For Black Anodized Finish, Add* | *84.27* | |
| | | *For >10 To 20, Deduct* | *-29.38* | |
| | | *For >20 To 40, Deduct* | *-54.54* | |
| | | *For >40, Deduct* | *-113.29* | |
| 26 56 13 00-0478 | EA | 14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,010.30 | 281.74 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *44.68* | |
| | | *For Black Anodized Finish, Add* | *89.36* | |
| | | *For >10 To 20, Deduct* | *-31.96* | |
| | | *For >20 To 40, Deduct* | *-59.45* | |
| | | *For >40, Deduct* | *-123.37* | |
| 26 56 13 00-0479 | EA | 15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,057.99 | 297.39 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *46.32* | |
| | | *For Black Anodized Finish, Add* | *92.64* | |
| | | *For >10 To 20, Deduct* | *-33.40* | |
| | | *For >20 To 40, Deduct* | *-62.16* | |
| | | *For >40, Deduct* | *-128.96* | |
| 26 56 13 00-0480 | EA | 16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,105.67 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *47.96* | |
| | | *For Black Anodized Finish, Add* | *95.92* | |
| | | *For >10 To 20, Deduct* | *-34.84* | |
| | | *For >20 To 40, Deduct* | *-64.88* | |
| | | *For >40, Deduct* | *-134.55* | |
| 26 56 13 00-0481 | EA | 18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,199.23 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *51.05* | |
| | | *For Black Anodized Finish, Add* | *102.11* | |
| | | *For >10 To 20, Deduct* | *-37.64* | |
| | | *For >20 To 40, Deduct* | *-70.17* | |
| | | *For >40, Deduct* | *-145.45* | |
| 26 56 13 00-0482 | EA | 20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,300.96 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *54.97* | |
| | | *For Black Anodized Finish, Add* | *109.93* | |
| | | *For >10 To 20, Deduct* | *-40.77* | |
| | | *For >20 To 40, Deduct* | *-76.04* | |
| | | *For >40, Deduct* | *-157.58* | |
| 26 56 13 00-0483 | EA | 16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,168.46 | 313.05 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *54.24* | |
| | | *For Black Anodized Finish, Add* | *108.48* | |
| | | *For >10 To 20, Deduct* | *-37.35* | |
| | | *For >20 To 40, Deduct* | *-69.27* | |
| | | *For >40, Deduct* | *-143.97* | |
| 26 56 13 00-0484 | EA | 18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,263.84 | 344.34 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *57.51* | |
| | | *For Black Anodized Finish, Add* | *115.03* | |
| | | *For >10 To 20, Deduct* | *-40.22* | |
| | | *For >20 To 40, Deduct* | *-74.69* | |
| | | *For >40, Deduct* | *-155.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0485 | EA | 20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,371.03 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *61.97* | |
| | | *For Black Anodized Finish, Add* | *123.95* | |
| | | *For >10 To 20, Deduct* | *-43.57* | |
| | | *For >20 To 40, Deduct* | *-80.95* | |
| | | *For >40, Deduct* | *-168.09* | |
| 26 56 13 00-0486 | EA | 15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,330.99 | 297.39 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *73.62* | |
| | | *For Black Anodized Finish, Add* | *147.24* | |
| | | *For >10 To 20, Deduct* | *-44.32* | |
| | | *For >20 To 40, Deduct* | *-81.27* | |
| | | *For >40, Deduct* | *-169.91* | |
| 26 56 13 00-0487 | EA | 20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,632.21 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *88.09* | |
| | | *For Black Anodized Finish, Add* | *176.18* | |
| | | *For >10 To 20, Deduct* | *-54.02* | |
| | | *For >20 To 40, Deduct* | *-99.23* | |
| | | *For >40, Deduct* | *-207.27* | |
| 26 56 13 00-0488 | EA | 25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,996.40 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *99.47* | |
| | | *For Black Anodized Finish, Add* | *198.93* | |
| | | *For >10 To 20, Deduct* | *-64.83* | |
| | | *For >20 To 40, Deduct* | *-119.71* | |
| | | *For >40, Deduct* | *-249.37* | |
| 26 56 13 00-0489 | EA | 20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,427.45 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *67.62* | |
| | | *For Black Anodized Finish, Add* | *135.23* | |
| | | *For >10 To 20, Deduct* | *-45.83* | |
| | | *For >20 To 40, Deduct* | *-84.90* | |
| | | *For >40, Deduct* | *-176.55* | |
| 26 56 13 00-0490 | EA | 20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,742.32 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *99.10* | |
| | | *For Black Anodized Finish, Add* | *198.20* | |
| | | *For >10 To 20, Deduct* | *-58.42* | |
| | | *For >20 To 40, Deduct* | *-106.94* | |
| | | *For >40, Deduct* | *-223.78* | |
| 26 56 13 00-0491 | EA | 25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base | 2,096.51 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *109.48* | |
| | | *For Black Anodized Finish, Add* | *218.95* | |
| | | *For >10 To 20, Deduct* | *-68.83* | |
| | | *For >20 To 40, Deduct* | *-126.72* | |
| | | *For >40, Deduct* | *-264.39* | |
| 26 56 13 00-0492 | EA | 20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base | 1,915.23 | 375.65 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *116.39* | |
| | | *For Black Anodized Finish, Add* | *232.79* | |
| | | *For >10 To 20, Deduct* | *-65.34* | |
| | | *For >20 To 40, Deduct* | *-119.04* | |
| | | *For >40, Deduct* | *-249.72* | |
| 26 56 13 00-0493 | EA | 25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base | 2,322.19 | 500.87 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *132.05* | |
| | | *For Black Anodized Finish, Add* | *264.09* | |
| | | *For >10 To 20, Deduct* | *-77.86* | |
| | | *For >20 To 40, Deduct* | *-142.52* | |
| | | *For >40, Deduct* | *-298.24* | |
| 26 56 13 00-0494 | EA | 30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base | 2,682.19 | 563.48 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *155.52* | |
| | | *For Black Anodized Finish, Add* | *311.05* | |
| | | *For >10 To 20, Deduct* | *-90.38* | |
| | | *For >20 To 40, Deduct* | *-165.21* | |
| | | *For >40, Deduct* | *-345.98* | |

### 26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0473)*

Note: Includes rubberized undercoating on embedded portion.

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0496 | EA | 10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial | 671.60 | 156.52 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *35.86* | |
| | | *For Black Anodized Finish, Add* | *71.71* | |
| | | *For >10 To 20, Deduct* | *-22.17* | |
| | | *For >20 To 40, Deduct* | *-40.75* | |
| | | *For >40, Deduct* | *-85.09* | |
| 26 56 13 00-0497 | EA | 12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial | 749.30 | 172.18 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *40.50* | |
| | | *For Black Anodized Finish, Add* | *80.99* | |
| | | *For >10 To 20, Deduct* | *-24.81* | |
| | | *For >20 To 40, Deduct* | *-45.56* | |
| | | *For >40, Deduct* | *-95.18* | |
| 26 56 13 00-0498 | EA | 14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial | 799.72 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *42.41* | |
| | | *For Black Anodized Finish, Add* | *84.81* | |
| | | *For >10 To 20, Deduct* | *-26.35* | |
| | | *For >20 To 40, Deduct* | *-48.47* | |
| | | *For >40, Deduct* | *-101.18* | |
| 26 56 13 00-0499 | EA | 15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial | 822.47 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *44.68* | |
| | | *For Black Anodized Finish, Add* | *89.36* | |
| | | *For >10 To 20, Deduct* | *-27.26* | |
| | | *For >20 To 40, Deduct* | *-50.06* | |
| | | *For >40, Deduct* | *-104.59* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0500 | EA | 16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial | 850.69 | 187.83 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *47.50* | |
| | | *For Black Anodized Finish, Add* | *95.01* | |
| | | *For >10 To 20, Deduct* | *-28.39* | |
| | | *For >20 To 40, Deduct* | *-52.04* | |
| | | *For >40, Deduct* | *-108.82* | |
| 26 56 13 00-0501 | EA | 18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial | 978.46 | 203.47 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *57.15* | |
| | | *For Black Anodized Finish, Add* | *114.30* | |
| | | *For >10 To 20, Deduct* | *-33.03* | |
| | | *For >20 To 40, Deduct* | *-60.35* | |
| | | *For >40, Deduct* | *-126.42* | |
| 26 56 13 00-0502 | EA | 20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial | 1,048.89 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *61.06* | |
| | | *For Black Anodized Finish, Add* | *122.13* | |
| | | *For >10 To 20, Deduct* | *-35.38* | |
| | | *For >20 To 40, Deduct* | *-64.66* | |
| | | *For >40, Deduct* | *-135.42* | |
| 26 56 13 00-0503 | EA | 20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial | 1,191.76 | 219.13 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *75.35* | |
| | | *For Black Anodized Finish, Add* | *150.70* | |
| | | *For >10 To 20, Deduct* | *-41.10* | |
| | | *For >20 To 40, Deduct* | *-74.66* | |
| | | *For >40, Deduct* | *-156.85* | |
| 26 56 13 00-0504 | EA | 25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial | 1,369.04 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *86.82* | |
| | | *For Black Anodized Finish, Add* | *173.63* | |
| | | *For >10 To 20, Deduct* | *-47.25* | |
| | | *For >20 To 40, Deduct* | *-85.82* | |
| | | *For >40, Deduct* | *-180.31* | |
| 26 56 13 00-0505 | EA | 25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial | 1,688.46 | 250.43 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *118.76* | |
| | | *For Black Anodized Finish, Add* | *237.52* | |
| | | *For >10 To 20, Deduct* | *-60.03* | |
| | | *For >20 To 40, Deduct* | *-108.17* | |
| | | *For >40, Deduct* | *-228.23* | |

### 26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles *(26 56 13 00-0294)*

| | | | |
|---|---|---|---|
| 26 56 13 00-0507 | EA | 1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles | 75.70 |
| 26 56 13 00-0508 | EA | Extra Handhole For Aluminum Area Light Poles | 33.92 |
| 26 56 13 00-0509 | EA | Vibration Dampener For Aluminum Area Light Poles | 114.52 |

### 26 56 13 00-0510 Fiberglass Area Light Poles *(26 56 13 00-0177)*

Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.

### 26 56 13 00-0511 Round Tapered, Fiberglass Area Light Poles *(26 56 13 00-0510)*

### 26 56 13 00-0512 Round Tapered, Fiberglass Area Light Poles, Anchor Base *(26 56 13 00-0511)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0513 | EA | 10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,436.53 | 219.13 |
| | | *For >10 To 20, Deduct* | *-50.89* | |
| | | *For >20 To 40, Deduct* | *-91.79* | |
| | | *For >40, Deduct* | *-193.57* | |
| 26 56 13 00-0514 | EA | 12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,558.56 | 250.43 |
| | | *For >10 To 20, Deduct* | *-54.83* | |
| | | *For >20 To 40, Deduct* | *-99.08* | |
| | | *For >40, Deduct* | *-208.74* | |
| 26 56 13 00-0515 | EA | 14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,682.29 | 281.74 |
| | | *For >10 To 20, Deduct* | *-58.84* | |
| | | *For >20 To 40, Deduct* | *-106.49* | |
| | | *For >40, Deduct* | *-224.17* | |
| 26 56 13 00-0516 | EA | 16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,804.31 | 313.05 |
| | | *For >10 To 20, Deduct* | *-62.78* | |
| | | *For >20 To 40, Deduct* | *-113.78* | |
| | | *For >40, Deduct* | *-239.34* | |
| 26 56 13 00-0517 | EA | 18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,956.91 | 344.34 |
| | | *For >10 To 20, Deduct* | *-67.95* | |
| | | *For >20 To 40, Deduct* | *-123.21* | |
| | | *For >40, Deduct* | *-259.10* | |
| 26 56 13 00-0518 | EA | 20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,082.33 | 375.65 |
| | | *For >10 To 20, Deduct* | *-72.02* | |
| | | *For >20 To 40, Deduct* | *-130.74* | |
| | | *For >40, Deduct* | *-274.78* | |
| 26 56 13 00-0519 | EA | 22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,268.67 | 438.26 |
| | | *For >10 To 20, Deduct* | *-77.60* | |
| | | *For >20 To 40, Deduct* | *-141.28* | |
| | | *For >40, Deduct* | *-296.47* | |
| 26 56 13 00-0520 | EA | 24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,453.31 | 500.87 |
| | | *For >10 To 20, Deduct* | *-83.11* | |
| | | *For >20 To 40, Deduct* | *-151.70* | |
| | | *For >40, Deduct* | *-317.91* | |
| 26 56 13 00-0521 | EA | 26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,590.82 | 500.87 |
| | | *For >10 To 20, Deduct* | *-88.61* | |
| | | *For >20 To 40, Deduct* | *-161.32* | |
| | | *For >40, Deduct* | *-338.54* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0522 | EA | 28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,773.97 | 532.17 |
| | | *For >10 To 20, Deduct* | *-94.99* | |
| | | *For >20 To 40, Deduct* | *-172.89* | |
| | | *For >40, Deduct* | *-362.88* | |
| 26 56 13 00-0523 | EA | 30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,957.11 | 563.48 |
| | | *For >10 To 20, Deduct* | *-101.38* | |
| | | *For >20 To 40, Deduct* | *-184.46* | |
| | | *For >40, Deduct* | *-387.22* | |
| 26 56 13 00-0524 | EA | 10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,592.72 | 219.13 |
| | | *For >10 To 20, Deduct* | *-57.13* | |
| | | *For >20 To 40, Deduct* | *-102.73* | |
| | | *For >40, Deduct* | *-217.00* | |
| 26 56 13 00-0525 | EA | 12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,684.19 | 250.43 |
| | | *For >10 To 20, Deduct* | *-59.85* | |
| | | *For >20 To 40, Deduct* | *-107.88* | |
| | | *For >40, Deduct* | *-227.59* | |
| 26 56 13 00-0526 | EA | 14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,777.36 | 281.74 |
| | | *For >10 To 20, Deduct* | *-62.64* | |
| | | *For >20 To 40, Deduct* | *-113.15* | |
| | | *For >40, Deduct* | *-238.43* | |
| 26 56 13 00-0527 | EA | 16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,873.92 | 313.05 |
| | | *For >10 To 20, Deduct* | *-65.57* | |
| | | *For >20 To 40, Deduct* | *-118.65* | |
| | | *For >40, Deduct* | *-249.78* | |
| 26 56 13 00-0528 | EA | 18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,978.98 | 344.34 |
| | | *For >10 To 20, Deduct* | *-68.83* | |
| | | *For >20 To 40, Deduct* | *-124.75* | |
| | | *For >40, Deduct* | *-262.41* | |
| 26 56 13 00-0529 | EA | 20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,082.33 | 375.65 |
| | | *For >10 To 20, Deduct* | *-72.02* | |
| | | *For >20 To 40, Deduct* | *-130.74* | |
| | | *For >40, Deduct* | *-274.78* | |
| 26 56 13 00-0530 | EA | 22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,248.29 | 438.26 |
| | | *For >10 To 20, Deduct* | *-76.78* | |
| | | *For >20 To 40, Deduct* | *-139.85* | |
| | | *For >40, Deduct* | *-293.42* | |
| 26 56 13 00-0531 | EA | 24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,453.31 | 500.87 |
| | | *For >10 To 20, Deduct* | *-83.11* | |
| | | *For >20 To 40, Deduct* | *-151.70* | |
| | | *For >40, Deduct* | *-317.91* | |
| 26 56 13 00-0532 | EA | 26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,511.03 | 500.87 |
| | | *For >10 To 20, Deduct* | *-85.42* | |
| | | *For >20 To 40, Deduct* | *-155.74* | |
| | | *For >40, Deduct* | *-326.57* | |
| 26 56 13 00-0533 | EA | 28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,633.06 | 532.17 |
| | | *For >10 To 20, Deduct* | *-89.36* | |
| | | *For >20 To 40, Deduct* | *-163.03* | |
| | | *For >40, Deduct* | *-341.74* | |
| 26 56 13 00-0534 | EA | 30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,755.08 | 563.48 |
| | | *For >10 To 20, Deduct* | *-93.30* | |
| | | *For >20 To 40, Deduct* | *-170.32* | |
| | | *For >40, Deduct* | *-356.91* | |
| 26 56 13 00-0535 | EA | 10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,821.92 | 219.13 |
| | | *For >10 To 20, Deduct* | *-66.30* | |
| | | *For >20 To 40, Deduct* | *-118.77* | |
| | | *For >40, Deduct* | *-251.38* | |
| 26 56 13 00-0536 | EA | 12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 1,937.16 | 250.43 |
| | | *For >10 To 20, Deduct* | *-69.97* | |
| | | *For >20 To 40, Deduct* | *-125.58* | |
| | | *For >40, Deduct* | *-265.53* | |
| 26 56 13 00-0537 | EA | 14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,052.40 | 281.74 |
| | | *For >10 To 20, Deduct* | *-73.64* | |
| | | *For >20 To 40, Deduct* | *-132.40* | |
| | | *For >40, Deduct* | *-279.69* | |
| 26 56 13 00-0538 | EA | 16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,169.33 | 313.05 |
| | | *For >10 To 20, Deduct* | *-77.38* | |
| | | *For >20 To 40, Deduct* | *-139.33* | |
| | | *For >40, Deduct* | *-294.10* | |
| 26 56 13 00-0539 | EA | 18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,293.06 | 344.34 |
| | | *For >10 To 20, Deduct* | *-81.39* | |
| | | *For >20 To 40, Deduct* | *-146.74* | |
| | | *For >40, Deduct* | *-309.52* | |
| 26 56 13 00-0540 | EA | 20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,426.97 | 375.65 |
| | | *For >10 To 20, Deduct* | *-85.81* | |
| | | *For >20 To 40, Deduct* | *-154.86* | |
| | | *For >40, Deduct* | *-326.48* | |
| 26 56 13 00-0541 | EA | 22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,638.77 | 438.26 |
| | | *For >10 To 20, Deduct* | *-92.40* | |
| | | *For >20 To 40, Deduct* | *-167.18* | |
| | | *For >40, Deduct* | *-351.99* | |
| 26 56 13 00-0542 | EA | 24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,852.28 | 500.87 |
| | | *For >10 To 20, Deduct* | *-99.07* | |
| | | *For >20 To 40, Deduct* | *-179.62* | |
| | | *For >40, Deduct* | *-377.76* | |
| 26 56 13 00-0543 | EA | 26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 2,940.56 | 500.87 |
| | | *For >10 To 20, Deduct* | *-102.60* | |
| | | *For >20 To 40, Deduct* | *-185.80* | |
| | | *For >40, Deduct* | *-391.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0544 | EA | 28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 3,142.38 | 532.17 |
| | | *For >10 To 20, Deduct* | *-109.73* | |
| | | *For >20 To 40, Deduct* | *-198.68* | |
| | | *For >40, Deduct* | *-418.14* | |
| 26 56 13 00-0545 | EA | 30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 3,305.15 | 563.48 |
| | | *For >10 To 20, Deduct* | *-115.30* | |
| | | *For >20 To 40, Deduct* | *-208.82* | |
| | | *For >40, Deduct* | *-439.43* | |
| 26 56 13 00-0546 | EA | 32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 3,436.63 | 579.12 |
| | | *For >10 To 20, Deduct* | *-120.09* | |
| | | *For >20 To 40, Deduct* | *-217.40* | |
| | | *For >40, Deduct* | *-457.58* | |
| 26 56 13 00-0547 | EA | 34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base | 3,568.10 | 594.78 |
| | | *For >10 To 20, Deduct* | *-124.88* | |
| | | *For >20 To 40, Deduct* | *-225.98* | |
| | | *For >40, Deduct* | *-475.74* | |
| **26 56 13 00-0548** | | **Round Tapered, Fiberglass Area Light Poles, Direct Burial** *(26 56 13 00-0511)* | | |
| 26 56 13 00-0549 | EA | 10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 883.49 | 156.52 |
| | | *For >10 To 20, Deduct* | *-30.64* | |
| | | *For >20 To 40, Deduct* | *-55.58* | |
| | | *For >40, Deduct* | *-116.87* | |
| 26 56 13 00-0550 | EA | 12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 947.04 | 172.18 |
| | | *For >10 To 20, Deduct* | *-32.72* | |
| | | *For >20 To 40, Deduct* | *-59.41* | |
| | | *For >40, Deduct* | *-124.84* | |
| 26 56 13 00-0551 | EA | 14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,008.91 | 187.83 |
| | | *For >10 To 20, Deduct* | *-34.72* | |
| | | *For >20 To 40, Deduct* | *-63.11* | |
| | | *For >40, Deduct* | *-132.55* | |
| 26 56 13 00-0552 | EA | 16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,037.77 | 187.83 |
| | | *For >10 To 20, Deduct* | *-35.88* | |
| | | *For >20 To 40, Deduct* | *-65.13* | |
| | | *For >40, Deduct* | *-136.88* | |
| 26 56 13 00-0553 | EA | 18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,116.62 | 203.47 |
| | | *For >10 To 20, Deduct* | *-38.56* | |
| | | *For >20 To 40, Deduct* | *-70.02* | |
| | | *For >40, Deduct* | *-147.15* | |
| 26 56 13 00-0554 | EA | 20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,181.87 | 219.13 |
| | | *For >10 To 20, Deduct* | *-40.70* | |
| | | *For >20 To 40, Deduct* | *-73.97* | |
| | | *For >40, Deduct* | *-155.37* | |
| 26 56 13 00-0555 | EA | 22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,252.22 | 234.78 |
| | | *For >10 To 20, Deduct* | *-43.05* | |
| | | *For >20 To 40, Deduct* | *-78.26* | |
| | | *For >40, Deduct* | *-164.36* | |
| 26 56 13 00-0556 | EA | 24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,331.06 | 250.43 |
| | | *For >10 To 20, Deduct* | *-45.73* | |
| | | *For >20 To 40, Deduct* | *-83.16* | |
| | | *For >40, Deduct* | *-174.62* | |
| 26 56 13 00-0557 | EA | 26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,494.05 | 250.43 |
| | | *For >10 To 20, Deduct* | *-52.25* | |
| | | *For >20 To 40, Deduct* | *-94.57* | |
| | | *For >40, Deduct* | *-199.06* | |
| 26 56 13 00-0558 | EA | 28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,688.33 | 266.09 |
| | | *For >10 To 20, Deduct* | *-59.55* | |
| | | *For >20 To 40, Deduct* | *-107.54* | |
| | | *For >40, Deduct* | *-226.64* | |
| 26 56 13 00-0559 | EA | 30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,882.62 | 281.74 |
| | | *For >10 To 20, Deduct* | *-66.85* | |
| | | *For >20 To 40, Deduct* | *-120.51* | |
| | | *For >40, Deduct* | *-254.22* | |
| 26 56 13 00-0560 | EA | 10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,039.68 | 156.52 |
| | | *For >10 To 20, Deduct* | *-36.89* | |
| | | *For >20 To 40, Deduct* | *-66.52* | |
| | | *For >40, Deduct* | *-140.30* | |
| 26 56 13 00-0561 | EA | 12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,111.72 | 172.18 |
| | | *For >10 To 20, Deduct* | *-39.30* | |
| | | *For >20 To 40, Deduct* | *-70.93* | |
| | | *For >40, Deduct* | *-149.54* | |
| 26 56 13 00-0562 | EA | 14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,183.77 | 187.83 |
| | | *For >10 To 20, Deduct* | *-41.72* | |
| | | *For >20 To 40, Deduct* | *-75.35* | |
| | | *For >40, Deduct* | *-158.78* | |
| 26 56 13 00-0563 | EA | 16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,226.22 | 187.83 |
| | | *For >10 To 20, Deduct* | *-43.41* | |
| | | *For >20 To 40, Deduct* | *-78.32* | |
| | | *For >40, Deduct* | *-165.15* | |
| 26 56 13 00-0564 | EA | 18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,298.27 | 203.47 |
| | | *For >10 To 20, Deduct* | *-45.83* | |
| | | *For >20 To 40, Deduct* | *-82.74* | |
| | | *For >40, Deduct* | *-174.39* | |
| 26 56 13 00-0565 | EA | 20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,370.32 | 219.13 |
| | | *For >10 To 20, Deduct* | *-48.24* | |
| | | *For >20 To 40, Deduct* | *-87.16* | |
| | | *For >40, Deduct* | *-183.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0566 | EA | 22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,442.36 | 234.78 |
| | | *For >10 To 20, Deduct* | *-50.65* | |
| | | *For >20 To 40, Deduct* | *-91.57* | |
| | | *For >40, Deduct* | *-192.88* | |
| 26 56 13 00-0567 | EA | 24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,553.47 | 250.43 |
| | | *For >10 To 20, Deduct* | *-54.63* | |
| | | *For >20 To 40, Deduct* | *-98.73* | |
| | | *For >40, Deduct* | *-207.98* | |
| 26 56 13 00-0568 | EA | 26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,711.36 | 250.43 |
| | | *For >10 To 20, Deduct* | *-60.94* | |
| | | *For >20 To 40, Deduct* | *-109.78* | |
| | | *For >40, Deduct* | *-231.66* | |
| 26 56 13 00-0569 | EA | 28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,902.25 | 266.09 |
| | | *For >10 To 20, Deduct* | *-68.11* | |
| | | *For >20 To 40, Deduct* | *-122.51* | |
| | | *For >40, Deduct* | *-258.73* | |
| 26 56 13 00-0570 | EA | 30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 2,091.45 | 281.74 |
| | | *For >10 To 20, Deduct* | *-75.21* | |
| | | *For >20 To 40, Deduct* | *-135.13* | |
| | | *For >40, Deduct* | *-285.54* | |
| 26 56 13 00-0571 | EA | 10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,177.20 | 156.52 |
| | | *For >10 To 20, Deduct* | *-42.39* | |
| | | *For >20 To 40, Deduct* | *-76.14* | |
| | | *For >40, Deduct* | *-160.93* | |
| 26 56 13 00-0572 | EA | 12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,239.05 | 172.18 |
| | | *For >10 To 20, Deduct* | *-44.40* | |
| | | *For >20 To 40, Deduct* | *-79.85* | |
| | | *For >40, Deduct* | *-168.64* | |
| 26 56 13 00-0573 | EA | 14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,299.22 | 187.83 |
| | | *For >10 To 20, Deduct* | *-46.33* | |
| | | *For >20 To 40, Deduct* | *-83.43* | |
| | | *For >40, Deduct* | *-176.10* | |
| 26 56 13 00-0574 | EA | 16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,328.08 | 187.83 |
| | | *For >10 To 20, Deduct* | *-47.49* | |
| | | *For >20 To 40, Deduct* | *-85.45* | |
| | | *For >40, Deduct* | *-180.43* | |
| 26 56 13 00-0575 | EA | 18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,388.25 | 203.47 |
| | | *For >10 To 20, Deduct* | *-49.43* | |
| | | *For >20 To 40, Deduct* | *-89.04* | |
| | | *For >40, Deduct* | *-187.89* | |
| 26 56 13 00-0576 | EA | 20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,450.11 | 219.13 |
| | | *For >10 To 20, Deduct* | *-51.43* | |
| | | *For >20 To 40, Deduct* | *-92.74* | |
| | | *For >40, Deduct* | *-195.60* | |
| 26 56 13 00-0577 | EA | 22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,569.70 | 234.78 |
| | | *For >10 To 20, Deduct* | *-55.74* | |
| | | *For >20 To 40, Deduct* | *-100.49* | |
| | | *For >40, Deduct* | *-211.98* | |
| 26 56 13 00-0578 | EA | 24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,709.66 | 250.43 |
| | | *For >10 To 20, Deduct* | *-60.87* | |
| | | *For >20 To 40, Deduct* | *-109.66* | |
| | | *For >40, Deduct* | *-231.41* | |
| 26 56 13 00-0579 | EA | 26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,808.13 | 250.43 |
| | | *For >10 To 20, Deduct* | *-64.81* | |
| | | *For >20 To 40, Deduct* | *-116.55* | |
| | | *For >40, Deduct* | *-246.18* | |
| 26 56 13 00-0580 | EA | 28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 1,939.60 | 266.09 |
| | | *For >10 To 20, Deduct* | *-69.60* | |
| | | *For >20 To 40, Deduct* | *-125.13* | |
| | | *For >40, Deduct* | *-264.33* | |
| 26 56 13 00-0581 | EA | 30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial | 2,071.07 | 281.74 |
| | | *For >10 To 20, Deduct* | *-74.39* | |
| | | *For >20 To 40, Deduct* | *-133.71* | |
| | | *For >40, Deduct* | *-282.49* | |

## 26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0510)*

| | | | |
|---|---|---|---|
| 26 56 13 00-0583 | EA | Open Or Capped Top For Fiberglass Area Light Poles | 60.19 |
| 26 56 13 00-0584 | EA | Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles | 60.19 |
| 26 56 13 00-0585 | EA | Smooth Shaft Finish For Fiberglass Area Light Poles | 114.21 |
| 26 56 13 00-0586 | EA | Vibration Dampener For Fiberglass Area Light Poles | 151.25 |

## 26 56 13 00-0587 Concrete Area Light Poles *(26 56 13 00-0177)*

## 26 56 13 00-0588 Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0587)*

| | | | | |
|---|---|---|---|---|
| 26 56 13 00-0589 | EA | 28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base | 2,063.22 | 532.17 |
| 26 56 13 00-0590 | EA | 30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base | 2,175.77 | 563.48 |
| 26 56 13 00-0591 | EA | 33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base | 2,255.86 | 579.12 |
| 26 56 13 00-0592 | EA | 36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base | 2,779.41 | 594.78 |
| 26 56 13 00-0593 | EA | 38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base | 3,080.47 | 626.08 |
| 26 56 13 00-0594 | EA | 43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base | 3,820.72 | 813.91 |
| 26 56 13 00-0595 | EA | 47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base | 4,582.65 | 1,001.74 |
| 26 56 13 00-0596 | EA | 27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base<br>Note: Polished brown with acrylic coating finish. | 4,353.00 | 532.17 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0597 | EA | 30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base<br>Note: Polished brown with acrylic coating finish. | 5,013.54 | 563.48 |
| 26 56 13 00-0598 | EA | Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40' | 621.85 | 187.83 |
| 26 56 13 00-0599 | EA | 13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design | 2,606.57 | 375.53 |
| 26 56 13 00-0600 | EA | Pole Base Cover For All Octagon Poles | 241.01 | 76.63 |
| 26 56 13 00-0601 | EA | Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze | 494.35 | 153.27 |
| 26 56 13 00-0602 | | Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*<br>Note: Round or square. | | |
| 26 56 13 00-0603 | EA | 13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial | 2,150.89 | 250.43 |
| 26 56 13 00-0604 | EA | 16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial | 2,436.58 | 313.05 |
| 26 56 13 00-0605 | EA | 18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial | 2,696.65 | 375.65 |
| 26 56 13 00-0606 | EA | 30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial | 3,765.59 | 563.48 |
| 26 56 13 00-0607 | EA | 35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial | 4,331.10 | 594.78 |
| 26 56 13 00-0608 | EA | 40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial | 4,942.04 | 626.08 |
| 26 56 13 00-0609 | EA | 45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial | 5,746.96 | 813.91 |
| 26 56 13 00-0610 | | Round Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)* | | |
| 26 56 13 00-0611 | EA | 60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22) | 16,332.21 | 1,408.69 |
| 26 56 13 00-0612 | EA | 70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24) | 19,405.63 | 1,696.52 |
| 26 56 13 00-0613 | EA | 80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26) | 23,026.75 | 2,291.79 |
| 26 56 13 00-0614 | | Treated Wood Area Light Poles *(26 56 13 00-0177)*<br>See CSI section 26 05 46 00-0001 for wood poles. | | |
| 26 56 13 00-0615 | | Cast Iron Decorative Light Posts *(26 56 13 00-0177)* | | |
| 26 56 13 00-0616 | | Round Tapered, Cast Iron Decorative Light Post, Anchor Base *(26 56 13 00-0615)*<br>Note: As manufactured by Hadco and King Luminaries or an approved equal. | | |
| 26 56 13 00-0617 | EA | 10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base | 1,530.86 | 156.52 |
| 26 56 13 00-0618 | EA | 12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base | 1,610.77 | 180.31 |
| 26 56 13 00-0619 | EA | 14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base | 1,748.57 | 187.83 |
| 26 56 13 00-0620 | EA | 16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base | 2,151.16 | 219.13 |
| 26 56 13 00-0621 | EA | 18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base | 2,516.77 | 237.92 |
| 26 56 13 00-0622 | EA | 20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base | 2,900.29 | 256.69 |
| 26 56 13 00-0623 | | Landscape Light Poles *(26 56 13 00-0001)*<br>Note: Excludes lighting fixtures. | | |
| 26 56 13 00-0624 | | Aluminum Landscape Light Poles *(26 56 13 00-0623)*<br>Note: Includes painted finish. | | |
| 26 56 13 00-0625 | | Round Straight, Aluminum Landscape Light Poles *(26 56 13 00-0624)* | | |
| 26 56 13 00-0626 | | Round Straight, Aluminum Landscape Light Poles, Anchor Base *(26 56 13 00-0625)* | | |
| 26 56 13 00-0627 | EA | 7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base | 456.63 | 187.83 |
| 26 56 13 00-0628 | EA | 12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base | 757.17 | 250.43 |
| 26 56 13 00-0629 | | Round Straight, Aluminum Landscape Light Poles, Direct Burial *(26 56 13 00-0625)* | | |
| 26 56 13 00-0630 | EA | 7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial | 418.52 | 187.83 |
| 26 56 13 00-0631 | EA | 12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial | 719.06 | 250.43 |
| 26 56 13 00-0632 | | Steel Landscape Light Poles *(26 56 13 00-0623)*<br>Note: Includes painted finish. | | |
| 26 56 13 00-0633 | | Round Straight, Steel Landscape Light Poles *(26 56 13 00-0632)* | | |
| 26 56 13 00-0634 | | Round Straight, Steel Landscape Light Poles, Anchor Base *(26 56 13 00-0633)* | | |
| 26 56 13 00-0635 | EA | 6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base | 504.89 | 187.83 |
| 26 56 13 00-0636 | | Round Straight, Steel Landscape Light Poles, Direct Burial *(26 56 13 00-0633)* | | |
| 26 56 13 00-0637 | EA | 6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial | 475.94 | 187.83 |
| 26 56 13 00-0638 | | Light Pole Brackets And Arms *(26 56 13 00-0001)* | | |
| 26 56 13 00-0639 | | Light Pole Brackets *(26 56 13 00-0638)* | | |
| 26 56 13 00-0640 | | Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0639)* | | |
| 26 56 13 00-0641 | | Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)* | | |
| 26 56 13 00-0642 | | Steel, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0641)*<br>Note: Includes powdercoat finish. | | |
| 26 56 13 00-0643 | EA | Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket | 593.43 | 37.57 |
| | | *For Galvanized Finish, Add* | *51.83* | |
| 26 56 13 00-0644 | EA | Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket | 749.81 | 37.57 |
| | | *For Galvanized Finish, Add* | *67.47* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0645 | EA | Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket | 797.54 | 37.57 |
| | | *For Galvanized Finish, Add* | *72.24* | |
| 26 56 13 00-0646 | EA | Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket | 1,092.18 | 37.57 |
| | | *For Galvanized Finish, Add* | *101.71* | |
| 26 56 13 00-0647 | EA | Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket | 1,138.07 | 37.57 |
| | | *For Galvanized Finish, Add* | *106.29* | |
| 26 56 13 00-0648 | | Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0641)* | | |
| | | Note: Includes satin brushed or painted finish. | | |
| 26 56 13 00-0649 | EA | Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket | 223.46 | 37.57 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *14.83* | |
| | | *For Black Anodized Finish, Add* | *29.67* | |
| 26 56 13 00-0650 | EA | Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket | 270.79 | 37.57 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *19.57* | |
| | | *For Black Anodized Finish, Add* | *39.13* | |
| 26 56 13 00-0651 | EA | Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket | 283.53 | 37.57 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *20.84* | |
| | | *For Black Anodized Finish, Add* | *41.68* | |
| 26 56 13 00-0652 | EA | Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket | 328.12 | 37.57 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *25.30* | |
| | | *For Black Anodized Finish, Add* | *50.60* | |
| 26 56 13 00-0653 | EA | Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket | 337.22 | 37.57 |
| | | *For Bronze Or Satin Anodized Finish, Add* | *26.21* | |
| | | *For Black Anodized Finish, Add* | *52.42* | |
| 26 56 13 00-0654 | | Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)* | | |
| 26 56 13 00-0655 | | Steel, Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0654)* | | |
| | | Note: Includes powdercoat finish. | | |
| 26 56 13 00-0656 | EA | Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket | 638.08 | 37.57 |
| | | *For Galvanized Finish, Add* | *56.30* | |
| 26 56 13 00-0657 | EA | Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket | 787.87 | 37.57 |
| | | *For Galvanized Finish, Add* | *71.27* | |
| 26 56 13 00-0658 | EA | Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket | 963.79 | 37.57 |
| | | *For Galvanized Finish, Add* | *88.87* | |
| 26 56 13 00-0659 | EA | Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket | 1,140.54 | 37.57 |
| | | *For Galvanized Finish, Add* | *106.54* | |
| 26 56 13 00-0660 | | Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0639)* | | |
| 26 56 13 00-0661 | | Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0660)* | | |
| | | Note: Includes powdercoat finish. | | |
| 26 56 13 00-0662 | EA | One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket | 604.63 | 62.61 |
| 26 56 13 00-0663 | EA | Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket | 911.21 | 62.61 |
| 26 56 13 00-0664 | EA | Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket | 1,273.96 | 62.61 |
| 26 56 13 00-0665 | EA | Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket | 1,393.30 | 62.61 |
| 26 56 13 00-0666 | | Light Pole Arms *(26 56 13 00-0638)* | | |
| 26 56 13 00-0667 | | Wood Pole Streetlight Arms *(26 56 13 00-0666)* | | |
| 26 56 13 00-0668 | | Steel, Wood Pole Streetlight Arms *(26 56 13 00-0667)* | | |
| 26 56 13 00-0669 | EA | 1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount | 351.79 | 56.34 |
| 26 56 13 00-0670 | EA | 1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount | 372.33 | 62.61 |
| 26 56 13 00-0671 | EA | 1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount | 431.82 | 78.26 |
| 26 56 13 00-0672 | EA | 2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount | 519.24 | 62.61 |
| 26 56 13 00-0673 | EA | 2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount | 578.32 | 78.26 |
| 26 56 13 00-0674 | EA | 2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount | 702.02 | 93.91 |
| 26 56 13 00-0675 | | Aluminum, Wood Pole Streetlight Arms *(26 56 13 00-0667)* | | |
| 26 56 13 00-0676 | EA | 1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount | 227.12 | 62.61 |
| 26 56 13 00-0677 | EA | 2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount | 279.39 | 62.61 |
| 26 56 13 00-0678 | EA | 2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount | 372.77 | 78.26 |
| 26 56 13 00-0679 | EA | 2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount | 487.83 | 93.91 |
| 26 56 13 00-0680 | | Area Light Arms *(26 56 13 00-0666)* | | |
| 26 56 13 00-0681 | | Steel Area Light Arms *(26 56 13 00-0680)* | | |
| 26 56 13 00-0682 | EA | Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount | 671.83 | 62.61 |
| 26 56 13 00-0683 | EA | Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount | 1,053.75 | 68.87 |
| 26 56 13 00-0684 | EA | Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount | 1,170.89 | 75.13 |
| 26 56 13 00-0685 | EA | Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount | 1,390.53 | 81.39 |
| 26 56 13 00-0686 | EA | Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount | 801.35 | 78.26 |
| 26 56 13 00-0687 | EA | Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount | 1,144.83 | 84.53 |
| 26 56 13 00-0688 | | Aluminum Area Light Arms *(26 56 13 00-0680)* | | |
| 26 56 13 00-0689 | EA | Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount | 273.55 | 62.61 |
| 26 56 13 00-0690 | EA | Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount | 337.62 | 78.26 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 13 00-0691 | EA | Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount | 403.51 | 93.91 |
| 26 56 13 00-0692 | EA | Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount | 271.73 | 62.61 |
| 26 56 13 00-0693 | EA | Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount | 382.54 | 68.87 |
| 26 56 13 00-0694 | EA | Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount | 333.98 | 78.26 |
| 26 56 13 00-0695 | EA | Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount | 466.62 | 84.53 |
| 26 56 13 00-0696 | EA | Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount | 405.33 | 93.91 |
| 26 56 13 00-0697 | EA | Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount | 566.18 | 100.17 |
| 26 56 13 00-0698 | | Removal And Reinstallation Of Lighting Pole *(26 56 13 00-0001)* | | |
| 26 56 13 00-0699 | EA | Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms | 2,066.08 | |
| 26 56 13 00-0700 | | High Mast Lighting *(26 56 13 00-0001)* | | |
| 26 56 13 00-0701 | | High Mast Lighting Assemblies *(26 56 13 00-0700)* | | |
| | | Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 26 56 21 00-0001 for high mast fixtures. | | |
| 26 56 13 00-0702 | EA | 60' High Mast Lighting Assembly | 49,879.11 | 1,883.20 |
| 26 56 13 00-0703 | EA | 70' High Mast Lighting Assembly | 52,688.24 | 1,972.37 |
| 26 56 13 00-0704 | EA | 80' High Mast Lighting Assembly | 55,528.00 | 2,101.19 |
| 26 56 13 00-0705 | EA | 90' High Mast Lighting Assembly | 58,396.66 | 2,269.65 |
| 26 56 13 00-0706 | EA | 100' High Mast Lighting Assembly | 61,281.06 | 2,477.67 |
| 26 56 13 00-0707 | EA | 110' High Mast Lighting Assembly | 64,992.85 | 2,725.63 |
| 26 56 13 00-0708 | EA | 120' High Mast Lighting Assembly | 67,990.78 | 2,973.38 |
| 26 56 13 00-0709 | EA | 130' High Mast Lighting Assembly | 70,759.10 | 3,221.13 |
| 26 56 13 00-0710 | EA | 140' High Mast Lighting Assembly | 73,757.03 | 3,469.00 |
| 26 56 13 00-0711 | EA | 150' High Mast Lighting Assembly | 77,404.62 | 3,716.75 |
| 26 56 13 00-0712 | | High Mast Light Poles *(26 56 13 00-0700)* | | |
| 26 56 13 00-0713 | EA | 60' High Mast Light Poles | 18,949.30 | 1,131.01 |
| 26 56 13 00-0714 | EA | 70' High Mast Light Poles | 21,731.65 | 1,184.59 |
| 26 56 13 00-0715 | EA | 80' High Mast Light Poles | 24,532.71 | 1,261.97 |
| 26 56 13 00-0716 | EA | 90' High Mast Light Poles | 27,350.78 | 1,363.17 |
| 26 56 13 00-0717 | EA | 100' High Mast Light Poles | 30,187.55 | 1,488.18 |
| 26 56 13 00-0718 | EA | 110' High Mast Light Poles | 33,043.04 | 1,637.00 |
| 26 56 13 00-0719 | EA | 120' High Mast Light Poles | 35,201.24 | 1,785.82 |
| 26 56 13 00-0720 | EA | 130' High Mast Light Poles | 35,193.52 | 3,309.70 |
| 26 56 13 00-0721 | EA | 140' High Mast Light Poles | 39,286.35 | 2,083.45 |
| 26 56 13 00-0722 | EA | 150' High Mast Light Poles | 41,675.85 | 2,232.27 |
| 26 56 13 00-0723 | | High Mast Lighting Accessories *(26 56 13 00-0700)* | | |
| | | See CSI section 26 55 13 00-0119 for lighting fixtures, 26 56 21 00-0001 for light fixtures. | | |
| 26 56 13 00-0724 | EA | Bottom Latching System For High Mast Lighting | 873.62 | |
| 26 56 13 00-0725 | EA | Top Latching System For High Mast Lighting | 2,478.14 | |
| 26 56 13 00-0726 | EA | Centering Springs For High Mast Lighting | 1,876.89 | |
| 26 56 13 00-0727 | EA | Electric Power Cord For High Mast Lighting | 787.54 | |
| 26 56 13 00-0728 | EA | Aircraft Warning Lights For High Mast Lighting | 1,463.43 | |
| 26 56 13 00-0729 | EA | Internal Motorized Hoist For High Mast Lighting | 16,087.69 | |
| 26 56 13 00-0730 | EA | Portable Hoist Motor With Step Down Transformer For High Mast Lighting | 16,177.17 | |
| 26 56 13 00-0731 | | Concrete Bases *(26 56 13 00-0001)* | | |
| 26 56 13 00-0732 | | Concrete Bases, Cast In Place *(26 56 13 00-0731)* | | |
| | | Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit. | | |
| 26 56 13 00-0733 | EA | Cast In Place Concrete Base For Poles Minimum Charge | 293.93 | |
| | | Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | | |
| 26 56 13 00-0734 | VLF | 1-1/2' Diameter Concrete Base For Poles | 47.22 | |
| 26 56 13 00-0735 | VLF | 2' Diameter Concrete Base For Poles | 70.23 | |
| 26 56 13 00-0736 | VLF | 2-1/2' Diameter Concrete Base For Poles | 98.38 | |
| 26 56 13 00-0737 | VLF | 3' Diameter Concrete Base For Poles | 132.65 | |
| 26 56 13 00-0738 | VLF | 3-1/2' Diameter Concrete Base For Poles | 176.84 | |
| 26 56 13 00-0739 | VLF | 4' Diameter Concrete Base For Poles | 223.61 | |
| 26 56 13 00-0740 | VLF | 5' Diameter Concrete Base For Poles | 326.83 | |
| 26 56 13 00-0741 | VLF | 6' Diameter Concrete Base For Poles | 451.07 | |
| **26 56 18** | | **Incandescent Exterior Lighting** ***(26 56)*** | | |
| 26 56 18 00-0001 | | Exterior Globe *(26 56 18)* | | |
| 26 56 18 00-0002 | | Incandescent, Exterior Globe *(26 56 18 00-0001)* | | |
| 26 56 18 00-0003 | EA | 100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture | 54.65 | 20.10 |
| 26 56 18 00-0004 | EA | 150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture | 83.87 | 20.10 |
| 26 56 18 00-0005 | EA | 100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture | 64.19 | 20.10 |
| 26 56 18 00-0006 | EA | 150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture | 87.55 | 20.10 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 18 00-0007 | | Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 18)* | | |
| | | Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws. | | |
| 26 56 18 00-0008 | EA | 7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 210.57 | 80.38 |
| 26 56 18 00-0009 | EA | 9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 220.66 | 85.41 |
| 26 56 18 00-0010 | EA | 13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 240.13 | 90.43 |
| 26 56 18 00-0011 | EA | 75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 243.70 | 100.48 |
| 26 56 18 00-0012 | EA | 100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 275.41 | 115.55 |

## 26 56 19 LED Exterior Lighting *(26 56)*

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0001 | | LED, Roadway Lighting *(26 56 19)* | | |
| 26 56 19 00-0002 | | LED Roadway Lighting (Philips Lumec) *(26 56 19 00-0001)* | | |
| 26 56 19 00-0003 | | Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) *(26 56 19 00-0002)* | | |
| | | Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0004 | EA | 49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series) | 1,417.65 | 150.02 |
| | | *For >50 To 100, Deduct* | *-70.88* | |
| | | *For >100 To 250, Deduct* | *-106.32* | |
| | | *For >250 To 500, Deduct* | *-169.71* | |
| | | *For >500 To 1000, Deduct* | *-233.09* | |
| | | *For >1000, Deduct* | *-296.47* | |
| 26 56 19 00-0005 | EA | 98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series) | 2,215.06 | 154.07 |
| | | *For >50 To 100, Deduct* | *-110.75* | |
| | | *For >100 To 250, Deduct* | *-166.13* | |
| | | *For >250 To 500, Deduct* | *-269.18* | |
| | | *For >500 To 1000, Deduct* | *-372.23* | |
| | | *For >1000, Deduct* | *-475.28* | |
| 26 56 19 00-0006 | | Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) *(26 56 19 00-0002)* | | |
| | | Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0007 | EA | 48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series) | 1,031.35 | 150.02 |
| | | *For >50 To 100, Deduct* | *-51.57* | |
| | | *For >100 To 250, Deduct* | *-77.35* | |
| | | *For >250 To 500, Deduct* | *-121.42* | |
| | | *For >500 To 1000, Deduct* | *-165.48* | |
| | | *For >1000, Deduct* | *-209.55* | |
| 26 56 19 00-0008 | EA | 48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series) | 1,031.35 | 150.02 |
| | | *For >50 To 100, Deduct* | *-51.57* | |
| | | *For >100 To 250, Deduct* | *-77.35* | |
| | | *For >250 To 500, Deduct* | *-121.42* | |
| | | *For >500 To 1000, Deduct* | *-165.48* | |
| | | *For >1000, Deduct* | *-209.55* | |
| 26 56 19 00-0009 | EA | 48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series) | 1,031.35 | 150.02 |
| | | *For >50 To 100, Deduct* | *-51.57* | |
| | | *For >100 To 250, Deduct* | *-77.35* | |
| | | *For >250 To 500, Deduct* | *-121.42* | |
| | | *For >500 To 1000, Deduct* | *-165.48* | |
| | | *For >1000, Deduct* | *-209.55* | |
| 26 56 19 00-0010 | | LED Roadway Lighting (Lithonia) *(26 56 19 00-0001)* | | |
| 26 56 19 00-0011 | | Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0010)* | | |
| | | Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0012 | EA | 30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series) | 2,061.57 | 141.91 |
| | | *For >50 To 100, Deduct* | *-103.08* | |
| | | *For >100 To 250, Deduct* | *-154.62* | |
| | | *For >250 To 500, Deduct* | *-250.60* | |
| | | *For >500 To 1000, Deduct* | *-346.58* | |
| | | *For >1000, Deduct* | *-442.57* | |
| 26 56 19 00-0013 | EA | 60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series) | 3,410.78 | 145.96 |
| | | *For >50 To 100, Deduct* | *-170.54* | |
| | | *For >100 To 250, Deduct* | *-255.81* | |
| | | *For >250 To 500, Deduct* | *-419.05* | |
| | | *For >500 To 1000, Deduct* | *-582.29* | |
| | | *For >1000, Deduct* | *-745.53* | |
| 26 56 19 00-0014 | | LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0001)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0015 | | Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0014)* | | |
| | | Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors. | | |
| 26 56 19 00-0016 | EA | 20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 762.58 | 137.85 |
| | | *For >50 To 100, Deduct* | *-38.13* | |
| | | *For >100 To 250, Deduct* | *-57.19* | |
| | | *For >250 To 500, Deduct* | *-88.43* | |
| | | *For >500 To 1000, Deduct* | *-119.67* | |
| | | *For >1000, Deduct* | *-150.90* | |
| 26 56 19 00-0017 | EA | 30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 853.25 | 141.91 |
| | | *For >50 To 100, Deduct* | *-42.66* | |
| | | *For >100 To 250, Deduct* | *-63.99* | |
| | | *For >250 To 500, Deduct* | *-99.56* | |
| | | *For >500 To 1000, Deduct* | *-135.13* | |
| | | *For >1000, Deduct* | *-170.70* | |
| 26 56 19 00-0018 | EA | 40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 962.44 | 145.96 |
| | | *For >50 To 100, Deduct* | *-48.12* | |
| | | *For >100 To 250, Deduct* | *-72.18* | |
| | | *For >250 To 500, Deduct* | *-113.01* | |
| | | *For >500 To 1000, Deduct* | *-153.83* | |
| | | *For >1000, Deduct* | *-194.65* | |
| 26 56 19 00-0019 | EA | 50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 1,054.53 | 150.02 |
| | | *For >50 To 100, Deduct* | *-52.73* | |
| | | *For >100 To 250, Deduct* | *-79.09* | |
| | | *For >250 To 500, Deduct* | *-124.32* | |
| | | *For >500 To 1000, Deduct* | *-169.54* | |
| | | *For >1000, Deduct* | *-214.77* | |
| 26 56 19 00-0020 | EA | 60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 1,146.63 | 154.07 |
| | | *For >50 To 100, Deduct* | *-57.33* | |
| | | *For >100 To 250, Deduct* | *-86.00* | |
| | | *For >250 To 500, Deduct* | *-135.63* | |
| | | *For >500 To 1000, Deduct* | *-185.25* | |
| | | *For >1000, Deduct* | *-234.88* | |
| 26 56 19 00-0021 | EA | 70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 1,364.01 | 158.12 |
| | | *For >50 To 100, Deduct* | *-68.20* | |
| | | *For >100 To 250, Deduct* | *-102.30* | |
| | | *For >250 To 500, Deduct* | *-162.60* | |
| | | *For >500 To 1000, Deduct* | *-222.89* | |
| | | *For >1000, Deduct* | *-283.18* | |
| 26 56 19 00-0022 | EA | 80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 1,456.11 | 162.18 |
| | | *For >50 To 100, Deduct* | *-72.81* | |
| | | *For >100 To 250, Deduct* | *-109.21* | |
| | | *For >250 To 500, Deduct* | *-173.90* | |
| | | *For >500 To 1000, Deduct* | *-238.60* | |
| | | *For >1000, Deduct* | *-303.30* | |
| 26 56 19 00-0023 | EA | 90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 1,546.79 | 166.24 |
| | | *For >50 To 100, Deduct* | *-77.34* | |
| | | *For >100 To 250, Deduct* | *-116.01* | |
| | | *For >250 To 500, Deduct* | *-185.04* | |
| | | *For >500 To 1000, Deduct* | *-254.06* | |
| | | *For >1000, Deduct* | *-323.09* | |
| 26 56 19 00-0024 | EA | 100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 1,722.88 | 170.29 |
| | | *For >50 To 100, Deduct* | *-86.14* | |
| | | *For >100 To 250, Deduct* | *-129.22* | |
| | | *For >250 To 500, Deduct* | *-206.85* | |
| | | *For >500 To 1000, Deduct* | *-284.48* | |
| | | *For >1000, Deduct* | *-362.11* | |
| 26 56 19 00-0025 | EA | 110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 1,814.99 | 174.34 |
| | | *For >50 To 100, Deduct* | *-90.75* | |
| | | *For >100 To 250, Deduct* | *-136.12* | |
| | | *For >250 To 500, Deduct* | *-218.16* | |
| | | *For >500 To 1000, Deduct* | *-300.19* | |
| | | *For >1000, Deduct* | *-382.22* | |
| 26 56 19 00-0026 | EA | 120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) | 1,907.09 | 178.40 |
| | | *For >50 To 100, Deduct* | *-95.35* | |
| | | *For >100 To 250, Deduct* | *-143.03* | |
| | | *For >250 To 500, Deduct* | *-229.47* | |
| | | *For >500 To 1000, Deduct* | *-315.90* | |
| | | *For >1000, Deduct* | *-402.34* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 56 19 00-0027** | | **Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG)** *(26 56 19 00-0014)*<br>Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0028 | EA | 40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG) | 1,482.05 | 145.96 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-74.10* | |
| | | *For >100 To 250, Deduct* | *-111.15* | |
| | | *For >250 To 500, Deduct* | *-177.96* | |
| | | *For >500 To 1000, Deduct* | *-244.76* | |
| | | *For >1000, Deduct* | *-311.57* | |
| 26 56 19 00-0029 | EA | 60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG) | 1,707.53 | 154.07 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-85.38* | |
| | | *For >100 To 250, Deduct* | *-128.06* | |
| | | *For >250 To 500, Deduct* | *-205.74* | |
| | | *For >500 To 1000, Deduct* | *-283.41* | |
| | | *For >1000, Deduct* | *-361.08* | |
| 26 56 19 00-0030 | EA | 80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG) | 1,933.02 | 162.18 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-96.65* | |
| | | *For >100 To 250, Deduct* | *-144.98* | |
| | | *For >250 To 500, Deduct* | *-233.52* | |
| | | *For >500 To 1000, Deduct* | *-322.06* | |
| | | *For >1000, Deduct* | *-410.60* | |
| 26 56 19 00-0031 | EA | 100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG) | 2,158.49 | 170.29 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-107.92* | |
| | | *For >100 To 250, Deduct* | *-161.89* | |
| | | *For >250 To 500, Deduct* | *-261.30* | |
| | | *For >500 To 1000, Deduct* | *-360.71* | |
| | | *For >1000, Deduct* | *-460.12* | |
| 26 56 19 00-0032 | EA | 120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG) | 2,828.15 | 178.40 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-141.41* | |
| | | *For >100 To 250, Deduct* | *-212.11* | |
| | | *For >250 To 500, Deduct* | *-344.60* | |
| | | *For >500 To 1000, Deduct* | *-477.09* | |
| | | *For >1000, Deduct* | *-609.57* | |
| 26 56 19 00-0033 | EA | 140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG) | 3,053.64 | 186.50 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-152.68* | |
| | | *For >100 To 250, Deduct* | *-229.02* | |
| | | *For >250 To 500, Deduct* | *-372.38* | |
| | | *For >500 To 1000, Deduct* | *-515.74* | |
| | | *For >1000, Deduct* | *-659.09* | |
| 26 56 19 00-0034 | EA | 160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG) | 3,279.12 | 194.62 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-163.96* | |
| | | *For >100 To 250, Deduct* | *-245.93* | |
| | | *For >250 To 500, Deduct* | *-400.16* | |
| | | *For >500 To 1000, Deduct* | *-554.38* | |
| | | *For >1000, Deduct* | *-708.61* | |
| **26 56 19 00-0035** | | **Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP)** *(26 56 19 00-0014)*<br>Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0036 | EA | 4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A) | 642.76 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Backlight Control Shield, Add* | *30.47* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Bird Spikes, Add* | *46.33* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-32.14* | |
| | | *For >100 To 250, Deduct* | *-48.21* | |
| | | *For >250 To 500, Deduct* | *-73.05* | |
| | | *For >500 To 1000, Deduct* | *-97.89* | |
| | | *For >1000, Deduct* | *-122.73* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0037 | EA | 5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A) | 642.76 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Backlight Control Shield, Add* | *30.47* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Bird Spikes, Add* | *46.33* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-32.14* | |
| | | *For >100 To 250, Deduct* | *-48.21* | |
| | | *For >250 To 500, Deduct* | *-73.05* | |
| | | *For >500 To 1000, Deduct* | *-97.89* | |
| | | *For >1000, Deduct* | *-122.73* | |
| 26 56 19 00-0038 | EA | 8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E) | 706.22 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Backlight Control Shield, Add* | *30.47* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Bird Spikes, Add* | *46.33* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For >50 To 100, Deduct* | *-35.31* | |
| | | *For >100 To 250, Deduct* | *-52.97* | |
| | | *For >250 To 500, Deduct* | *-80.98* | |
| | | *For >500 To 1000, Deduct* | *-108.99* | |
| | | *For >1000, Deduct* | *-137.00* | |
| 26 56 19 00-0039 | EA | 8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E) | 706.22 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Backlight Control Shield, Add* | *30.47* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Bird Spikes, Add* | *46.33* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For >50 To 100, Deduct* | *-35.31* | |
| | | *For >100 To 250, Deduct* | *-52.97* | |
| | | *For >250 To 500, Deduct* | *-80.98* | |
| | | *For >500 To 1000, Deduct* | *-108.99* | |
| | | *For >1000, Deduct* | *-137.00* | |
| 26 56 19 00-0040 | EA | 9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B) | 819.04 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Backlight Control Shield, Add* | *42.80* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For Bird Spikes, Add* | *74.55* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-40.95* | |
| | | *For >100 To 250, Deduct* | *-61.43* | |
| | | *For >250 To 500, Deduct* | *-95.08* | |
| | | *For >500 To 1000, Deduct* | *-128.74* | |
| | | *For >1000, Deduct* | *-162.39* | |
| 26 56 19 00-0041 | EA | 10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B) | 819.04 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Backlight Control Shield, Add* | *42.80* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For Bird Spikes, Add* | *74.55* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-40.95* | |
| | | *For >100 To 250, Deduct* | *-61.43* | |
| | | *For >250 To 500, Deduct* | *-95.08* | |
| | | *For >500 To 1000, Deduct* | *-128.74* | |
| | | *For >1000, Deduct* | *-162.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0042 | EA | 13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F) | 924.83 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Backlight Control Shield, Add* | *42.80* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For Bird Spikes, Add* | *74.55* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For >50 To 100, Deduct* | *-46.24* | |
| | | *For >100 To 250, Deduct* | *-69.36* | |
| | | *For >250 To 500, Deduct* | *-108.31* | |
| | | *For >500 To 1000, Deduct* | *-147.25* | |
| | | *For >1000, Deduct* | *-186.19* | |
| 26 56 19 00-0043 | EA | 14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F) | 924.83 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Backlight Control Shield, Add* | *42.80* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For Bird Spikes, Add* | *74.55* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For >50 To 100, Deduct* | *-46.24* | |
| | | *For >100 To 250, Deduct* | *-69.36* | |
| | | *For >250 To 500, Deduct* | *-108.31* | |
| | | *For >500 To 1000, Deduct* | *-147.25* | |
| | | *For >1000, Deduct* | *-186.19* | |
| 26 56 19 00-0044 | EA | 2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G) | 529.93 | 145.96 |
| | | *For Utility Label, Add* | *8.39* | |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *25.19* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For >50 To 100, Deduct* | *-26.50* | |
| | | *For >100 To 250, Deduct* | *-39.74* | |
| | | *For >250 To 500, Deduct* | *-58.94* | |
| | | *For >500 To 1000, Deduct* | *-78.14* | |
| | | *For >1000, Deduct* | *-97.34* | |
| 26 56 19 00-0045 | EA | 2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G) | 529.93 | 145.96 |
| | | *For Utility Label, Add* | *8.39* | |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *25.19* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For >50 To 100, Deduct* | *-26.50* | |
| | | *For >100 To 250, Deduct* | *-39.74* | |
| | | *For >250 To 500, Deduct* | *-58.94* | |
| | | *For >500 To 1000, Deduct* | *-78.14* | |
| | | *For >1000, Deduct* | *-97.34* | |
| 26 56 19 00-0046 | EA | 3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C) | 556.38 | 145.96 |
| | | *For Utility Label, Add* | *8.39* | |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *25.19* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For >50 To 100, Deduct* | *-27.82* | |
| | | *For >100 To 250, Deduct* | *-41.73* | |
| | | *For >250 To 500, Deduct* | *-62.25* | |
| | | *For >500 To 1000, Deduct* | *-82.77* | |
| | | *For >1000, Deduct* | *-103.29* | |
| 26 56 19 00-0047 | EA | 4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C) | 556.38 | 145.96 |
| | | *For Utility Label, Add* | *8.39* | |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *25.19* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For >50 To 100, Deduct* | *-27.82* | |
| | | *For >100 To 250, Deduct* | *-41.73* | |
| | | *For >250 To 500, Deduct* | *-62.25* | |
| | | *For >500 To 1000, Deduct* | *-82.77* | |
| | | *For >1000, Deduct* | *-103.29* | |
| 26 56 19 00-0048 | EA | 4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A) | 565.19 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For >50 To 100, Deduct* | *-28.26* | |
| | | *For >100 To 250, Deduct* | *-42.39* | |
| | | *For >250 To 500, Deduct* | *-63.35* | |
| | | *For >500 To 1000, Deduct* | *-84.31* | |
| | | *For >1000, Deduct* | *-105.27* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0049 | EA | 4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A) | 565.19 | 145.96 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Field Adjustable Output And Utility Label, Add* | *33.58* | |
| | | *For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For >50 To 100, Deduct* | *-28.26* | |
| | | *For >100 To 250, Deduct* | *-42.39* | |
| | | *For >250 To 500, Deduct* | *-63.35* | |
| | | *For >500 To 1000, Deduct* | *-84.31* | |
| | | *For >1000, Deduct* | *-105.27* | |

## 26 56 19 00-0050 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

*(26 56 19 00-0014)*

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0051 | EA | 3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N) | 547.56 | 145.96 |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Backlight Control Shield, Add* | *56.58* | |
| | | *For Bird Spikes, Add* | *75.04* | |
| | | *For >50 To 100, Deduct* | *-27.38* | |
| | | *For >100 To 250, Deduct* | *-41.07* | |
| | | *For >250 To 500, Deduct* | *-61.15* | |
| | | *For >500 To 1000, Deduct* | *-81.23* | |
| | | *For >1000, Deduct* | *-101.31* | |
| 26 56 19 00-0052 | EA | 3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N) | 547.56 | 145.96 |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Backlight Control Shield, Add* | *56.58* | |
| | | *For Bird Spikes, Add* | *75.04* | |
| | | *For >50 To 100, Deduct* | *-27.38* | |
| | | *For >100 To 250, Deduct* | *-41.07* | |
| | | *For >250 To 500, Deduct* | *-61.15* | |
| | | *For >500 To 1000, Deduct* | *-81.23* | |
| | | *For >1000, Deduct* | *-101.31* | |
| 26 56 19 00-0053 | EA | 5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N) | 565.19 | 145.96 |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Backlight Control Shield, Add* | *56.58* | |
| | | *For Bird Spikes, Add* | *75.04* | |
| | | *For >50 To 100, Deduct* | *-28.26* | |
| | | *For >100 To 250, Deduct* | *-42.39* | |
| | | *For >250 To 500, Deduct* | *-63.35* | |
| | | *For >500 To 1000, Deduct* | *-84.31* | |
| | | *For >1000, Deduct* | *-105.27* | |
| 26 56 19 00-0054 | EA | 5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N) | 565.19 | 145.96 |
| | | *For Field Adjustable Output, Add* | *25.19* | |
| | | *For Backlight Control Shield, Add* | *56.58* | |
| | | *For Bird Spikes, Add* | *75.04* | |
| | | *For >50 To 100, Deduct* | *-28.26* | |
| | | *For >100 To 250, Deduct* | *-42.39* | |
| | | *For >250 To 500, Deduct* | *-63.35* | |
| | | *For >500 To 1000, Deduct* | *-84.31* | |
| | | *For >1000, Deduct* | *-105.27* | |

## 26 56 19 00-0055 LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0001)*

## 26 56 19 00-0056 Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0055)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0057 | EA | 1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA) | 903.26 | 145.96 |
| | | *For >50 To 100, Deduct* | *-45.16* | |
| | | *For >100 To 250, Deduct* | *-67.74* | |
| | | *For >250 To 500, Deduct* | *-105.61* | |
| | | *For >500 To 1000, Deduct* | *-143.47* | |
| | | *For >1000, Deduct* | *-181.34* | |
| 26 56 19 00-0058 | EA | 2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA) | 1,225.15 | 162.18 |
| | | *For >50 To 100, Deduct* | *-61.26* | |
| | | *For >100 To 250, Deduct* | *-91.89* | |
| | | *For >250 To 500, Deduct* | *-145.03* | |
| | | *For >500 To 1000, Deduct* | *-198.18* | |
| | | *For >1000, Deduct* | *-251.33* | |
| 26 56 19 00-0059 | EA | 3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA) | 1,313.85 | 186.50 |
| | | *For >50 To 100, Deduct* | *-65.69* | |
| | | *For >100 To 250, Deduct* | *-98.54* | |
| | | *For >250 To 500, Deduct* | *-154.91* | |
| | | *For >500 To 1000, Deduct* | *-211.27* | |
| | | *For >1000, Deduct* | *-267.64* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0060 | EA | 4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA) | 1,956.68 | 202.73 |
| | | *For >50 To 100, Deduct* | *-97.83* | |
| | | *For >100 To 250, Deduct* | *-146.75* | |
| | | *For >250 To 500, Deduct* | *-234.45* | |
| | | *For >500 To 1000, Deduct* | *-322.15* | |
| | | *For >1000, Deduct* | *-409.84* | |
| 26 56 19 00-0061 | EA | 6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA) | 2,567.14 | 230.79 |
| | | *For >50 To 100, Deduct* | *-128.36* | |
| | | *For >100 To 250, Deduct* | *-192.54* | |
| | | *For >250 To 500, Deduct* | *-309.35* | |
| | | *For >500 To 1000, Deduct* | *-426.17* | |
| | | *For >1000, Deduct* | *-542.99* | |

### 26 56 19 00-0062 LED Roadway Lighting (PlanLED) *(26 56 19 00-0001)*

### 26 56 19 00-0063 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) *(26 56 19 00-0062)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0064 | EA | 8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W) | 1,087.21 | 141.91 |
| | | *For >50 To 100, Deduct* | *-54.36* | |
| | | *For >100 To 250, Deduct* | *-81.54* | |
| | | *For >250 To 500, Deduct* | *-128.81* | |
| | | *For >500 To 1000, Deduct* | *-176.07* | |
| | | *For >1000, Deduct* | *-223.34* | |
| 26 56 19 00-0065 | EA | 11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W) | 1,182.89 | 143.47 |
| | | *For >50 To 100, Deduct* | *-59.14* | |
| | | *For >100 To 250, Deduct* | *-88.72* | |
| | | *For >250 To 500, Deduct* | *-140.69* | |
| | | *For >500 To 1000, Deduct* | *-192.66* | |
| | | *For >1000, Deduct* | *-244.63* | |
| 26 56 19 00-0066 | EA | 15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W) | 1,258.23 | 145.96 |
| | | *For >50 To 100, Deduct* | *-62.91* | |
| | | *For >100 To 250, Deduct* | *-94.37* | |
| | | *For >250 To 500, Deduct* | *-149.98* | |
| | | *For >500 To 1000, Deduct* | *-205.59* | |
| | | *For >1000, Deduct* | *-261.21* | |

### 26 56 19 00-0067 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) *(26 56 19 00-0062)*

Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0068 | EA | 7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060) | 715.68 | 138.48 |
| | | *For >50 To 100, Deduct* | *-35.78* | |
| | | *For >100 To 250, Deduct* | *-53.68* | |
| | | *For >250 To 500, Deduct* | *-82.54* | |
| | | *For >500 To 1000, Deduct* | *-111.40* | |
| | | *For >1000, Deduct* | *-140.26* | |
| 26 56 19 00-0069 | EA | 10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080) | 766.94 | 140.97 |
| | | *For >50 To 100, Deduct* | *-38.35* | |
| | | *For >100 To 250, Deduct* | *-57.52* | |
| | | *For >250 To 500, Deduct* | *-88.82* | |
| | | *For >500 To 1000, Deduct* | *-120.12* | |
| | | *For >1000, Deduct* | *-151.42* | |
| 26 56 19 00-0070 | EA | 12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100) | 847.83 | 143.47 |
| | | *For >50 To 100, Deduct* | *-42.39* | |
| | | *For >100 To 250, Deduct* | *-63.59* | |
| | | *For >250 To 500, Deduct* | *-98.81* | |
| | | *For >500 To 1000, Deduct* | *-134.02* | |
| | | *For >1000, Deduct* | *-169.24* | |

### 26 56 19 00-0071 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) *(26 56 19 00-0062)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0072 | EA | 13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100) | 901.51 | 143.47 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For 480 Volt, Add* | *79.28* | |
| | | *For >50 To 100, Deduct* | *-45.08* | |
| | | *For >100 To 250, Deduct* | *-67.61* | |
| | | *For >250 To 500, Deduct* | *-105.52* | |
| | | *For >500 To 1000, Deduct* | *-143.42* | |
| | | *For >1000, Deduct* | *-181.32* | |
| 26 56 19 00-0073 | EA | 16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130) | 1,000.27 | 144.72 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For 480 Volt, Add* | *23.40* | |
| | | *For >50 To 100, Deduct* | *-50.01* | |
| | | *For >100 To 250, Deduct* | *-75.02* | |
| | | *For >250 To 500, Deduct* | *-117.80* | |
| | | *For >500 To 1000, Deduct* | *-160.58* | |
| | | *For >1000, Deduct* | *-203.35* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0074 | EA | 19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150) | 1,076.82 | 145.96 |
| | | *For 0 To 10 Volt Dimming, Add* | *79.28* | |
| | | *For 480 Volt, Add* | *-8.42* | |
| | | *For >50 To 100, Deduct* | *-53.84* | |
| | | *For >100 To 250, Deduct* | *-80.76* | |
| | | *For >250 To 500, Deduct* | *-127.30* | |
| | | *For >500 To 1000, Deduct* | *-173.85* | |
| | | *For >1000, Deduct* | *-220.39* | |

## 26 56 19 00-0075 LED Roadway Lighting (General Electric) *(26 56 19 00-0001)*

## 26 56 19 00-0076 Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric)

*(26 56 19 00-0075)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0077 | EA | 2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY) | 546.12 | 137.85 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-27.31* | |
| | | *For >100 To 250, Deduct* | *-40.96* | |
| | | *For >250 To 500, Deduct* | *-61.37* | |
| | | *For >500 To 1000, Deduct* | *-81.79* | |
| | | *For >1000, Deduct* | *-102.20* | |
| 26 56 19 00-0078 | EA | 3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY) | 549.86 | 139.73 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-27.49* | |
| | | *For >100 To 250, Deduct* | *-41.24* | |
| | | *For >250 To 500, Deduct* | *-61.75* | |
| | | *For >500 To 1000, Deduct* | *-82.25* | |
| | | *For >1000, Deduct* | *-102.76* | |
| 26 56 19 00-0079 | EA | 4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY) | 572.93 | 141.91 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-28.65* | |
| | | *For >100 To 250, Deduct* | *-42.97* | |
| | | *For >250 To 500, Deduct* | *-64.52* | |
| | | *For >500 To 1000, Deduct* | *-86.07* | |
| | | *For >1000, Deduct* | *-107.62* | |
| 26 56 19 00-0080 | EA | 5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY) | 596.46 | 143.47 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-29.82* | |
| | | *For >100 To 250, Deduct* | *-44.73* | |
| | | *For >250 To 500, Deduct* | *-67.38* | |
| | | *For >500 To 1000, Deduct* | *-90.03* | |
| | | *For >1000, Deduct* | *-112.68* | |
| 26 56 19 00-0081 | EA | 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY) | 658.82 | 146.58 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-32.94* | |
| | | *For >100 To 250, Deduct* | *-49.41* | |
| | | *For >250 To 500, Deduct* | *-75.02* | |
| | | *For >500 To 1000, Deduct* | *-100.64* | |
| | | *For >1000, Deduct* | *-126.25* | |
| 26 56 19 00-0082 | EA | 8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY) | 691.93 | 147.83 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-34.60* | |
| | | *For >100 To 250, Deduct* | *-51.89* | |
| | | *For >250 To 500, Deduct* | *-79.10* | |
| | | *For >500 To 1000, Deduct* | *-106.30* | |
| | | *For >1000, Deduct* | *-133.51* | |
| 26 56 19 00-0083 | EA | 9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY) | 754.12 | 150.02 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-37.71* | |
| | | *For >100 To 250, Deduct* | *-56.56* | |
| | | *For >250 To 500, Deduct* | *-86.76* | |
| | | *For >500 To 1000, Deduct* | *-116.97* | |
| | | *For >1000, Deduct* | *-147.17* | |
| 26 56 19 00-0084 | EA | 13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY) | 886.38 | 154.07 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-44.32* | |
| | | *For >100 To 250, Deduct* | *-66.48* | |
| | | *For >250 To 500, Deduct* | *-103.09* | |
| | | *For >500 To 1000, Deduct* | *-139.71* | |
| | | *For >1000, Deduct* | *-176.33* | |
| 26 56 19 00-0085 | EA | 19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY) | 1,038.65 | 162.18 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For >50 To 100, Deduct* | *-51.93* | |
| | | *For >100 To 250, Deduct* | *-77.90* | |
| | | *For >250 To 500, Deduct* | *-121.72* | |
| | | *For >500 To 1000, Deduct* | *-165.55* | |
| | | *For >1000, Deduct* | *-209.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0086 | | LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0001)* | | |
| 26 56 19 00-0087 | | Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0086)* | | |
| | | Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0088 | EA | 4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70) | 1,053.13 | 141.91 |
| | | *For >50 To 100, Deduct* | *-52.66* | |
| | | *For >100 To 250, Deduct* | *-78.98* | |
| | | *For >250 To 500, Deduct* | *-124.55* | |
| | | *For >500 To 1000, Deduct* | *-170.11* | |
| | | *For >1000, Deduct* | *-215.67* | |
| 26 56 19 00-0089 | EA | 6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70) | 1,307.95 | 145.96 |
| | | *For >50 To 100, Deduct* | *-65.40* | |
| | | *For >100 To 250, Deduct* | *-98.10* | |
| | | *For >250 To 500, Deduct* | *-156.20* | |
| | | *For >500 To 1000, Deduct* | *-214.29* | |
| | | *For >1000, Deduct* | *-272.39* | |
| 26 56 19 00-0090 | EA | 9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70) | 1,824.18 | 150.02 |
| | | *For >50 To 100, Deduct* | *-91.21* | |
| | | *For >100 To 250, Deduct* | *-136.81* | |
| | | *For >250 To 500, Deduct* | *-220.52* | |
| | | *For >500 To 1000, Deduct* | *-304.23* | |
| | | *For >1000, Deduct* | *-387.94* | |
| 26 56 19 00-0091 | EA | 13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70) | 2,344.04 | 155.94 |
| | | *For >50 To 100, Deduct* | *-117.20* | |
| | | *For >100 To 250, Deduct* | *-175.80* | |
| | | *For >250 To 500, Deduct* | *-285.21* | |
| | | *For >500 To 1000, Deduct* | *-394.61* | |
| | | *For >1000, Deduct* | *-504.02* | |
| 26 56 19 00-0092 | EA | 17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70) | 2,852.09 | 160.31 |
| | | *For >50 To 100, Deduct* | *-142.60* | |
| | | *For >100 To 250, Deduct* | *-213.91* | |
| | | *For >250 To 500, Deduct* | *-348.50* | |
| | | *For >500 To 1000, Deduct* | *-483.09* | |
| | | *For >1000, Deduct* | *-617.67* | |
| 26 56 19 00-0093 | | LED Roadway Lighting (Leotek) *(26 56 19 00-0001)* | | |
| 26 56 19 00-0094 | | Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0093)* | | |
| | | Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0095 | EA | Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL) | 558.81 | 141.91 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-27.94* | |
| | | *For >100 To 250, Deduct* | *-41.91* | |
| | | *For >250 To 500, Deduct* | *-62.76* | |
| | | *For >500 To 1000, Deduct* | *-83.60* | |
| | | *For >1000, Deduct* | *-104.45* | |
| 26 56 19 00-0096 | EA | Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL) | 570.86 | 143.47 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-28.54* | |
| | | *For >100 To 250, Deduct* | *-42.81* | |
| | | *For >250 To 500, Deduct* | *-64.18* | |
| | | *For >500 To 1000, Deduct* | *-85.55* | |
| | | *For >1000, Deduct* | *-106.92* | |
| 26 56 19 00-0097 | EA | Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL) | 608.45 | 144.40 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-30.42* | |
| | | *For >100 To 250, Deduct* | *-45.63* | |
| | | *For >250 To 500, Deduct* | *-68.84* | |
| | | *For >500 To 1000, Deduct* | *-92.04* | |
| | | *For >1000, Deduct* | *-115.24* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0098 | EA | Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL) | 705.39 | 150.02 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-35.27* | |
| | | *For >100 To 250, Deduct* | *-52.90* | |
| | | *For >250 To 500, Deduct* | *-80.67* | |
| | | *For >500 To 1000, Deduct* | *-108.44* | |
| | | *For >1000, Deduct* | *-136.21* | |
| 26 56 19 00-0099 | EA | Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL) | 824.22 | 154.07 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-41.21* | |
| | | *For >100 To 250, Deduct* | *-61.82* | |
| | | *For >250 To 500, Deduct* | *-95.32* | |
| | | *For >500 To 1000, Deduct* | *-128.83* | |
| | | *For >1000, Deduct* | *-162.34* | |
| 26 56 19 00-0100 | EA | Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL) | 829.21 | 156.57 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-41.46* | |
| | | *For >100 To 250, Deduct* | *-62.19* | |
| | | *For >250 To 500, Deduct* | *-95.82* | |
| | | *For >500 To 1000, Deduct* | *-129.46* | |
| | | *For >1000, Deduct* | *-163.09* | |
| 26 56 19 00-0101 | EA | Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL) | 1,014.57 | 159.06 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-50.73* | |
| | | *For >100 To 250, Deduct* | *-76.09* | |
| | | *For >250 To 500, Deduct* | *-118.87* | |
| | | *For >500 To 1000, Deduct* | *-161.64* | |
| | | *For >1000, Deduct* | *-204.42* | |
| 26 56 19 00-0102 | EA | Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL) | 1,063.65 | 162.18 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-53.18* | |
| | | *For >100 To 250, Deduct* | *-79.77* | |
| | | *For >250 To 500, Deduct* | *-124.85* | |
| | | *For >500 To 1000, Deduct* | *-169.92* | |
| | | *For >1000, Deduct* | *-214.99* | |
| 26 56 19 00-0103 | EA | Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL) | 1,186.50 | 164.67 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-59.33* | |
| | | *For >100 To 250, Deduct* | *-88.99* | |
| | | *For >250 To 500, Deduct* | *-140.08* | |
| | | *For >500 To 1000, Deduct* | *-191.17* | |
| | | *For >1000, Deduct* | *-242.26* | |
| 26 56 19 00-0104 | EA | Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL) | 1,271.85 | 167.17 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-63.59* | |
| | | *For >100 To 250, Deduct* | *-95.39* | |
| | | *For >250 To 500, Deduct* | *-150.62* | |
| | | *For >500 To 1000, Deduct* | *-205.86* | |
| | | *For >1000, Deduct* | *-261.09* | |
| 26 56 19 00-0105 | EA | Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL) | 645.86 | 143.47 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-32.29* | |
| | | *For >100 To 250, Deduct* | *-48.44* | |
| | | *For >250 To 500, Deduct* | *-73.56* | |
| | | *For >500 To 1000, Deduct* | *-98.68* | |
| | | *For >1000, Deduct* | *-123.80* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0106 | EA | Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL) | 708.71 | 147.21 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-35.44* | |
| | | *For >100 To 250, Deduct* | *-53.15* | |
| | | *For >250 To 500, Deduct* | *-81.23* | |
| | | *For >500 To 1000, Deduct* | *-109.30* | |
| | | *For >1000, Deduct* | *-137.38* | |
| 26 56 19 00-0107 | EA | Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL) | 764.32 | 150.02 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-38.22* | |
| | | *For >100 To 250, Deduct* | *-57.32* | |
| | | *For >250 To 500, Deduct* | *-88.04* | |
| | | *For >500 To 1000, Deduct* | *-118.75* | |
| | | *For >1000, Deduct* | *-149.47* | |
| 26 56 19 00-0108 | EA | Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL) | 812.25 | 153.45 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-40.61* | |
| | | *For >100 To 250, Deduct* | *-60.92* | |
| | | *For >250 To 500, Deduct* | *-93.86* | |
| | | *For >500 To 1000, Deduct* | *-126.80* | |
| | | *For >1000, Deduct* | *-159.74* | |
| 26 56 19 00-0109 | EA | Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL) | 861.18 | 154.69 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-43.06* | |
| | | *For >100 To 250, Deduct* | *-64.59* | |
| | | *For >250 To 500, Deduct* | *-99.91* | |
| | | *For >500 To 1000, Deduct* | *-135.24* | |
| | | *For >1000, Deduct* | *-170.56* | |
| 26 56 19 00-0110 | EA | Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL) | 1,024.19 | 160.31 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-51.21* | |
| | | *For >100 To 250, Deduct* | *-76.81* | |
| | | *For >250 To 500, Deduct* | *-120.01* | |
| | | *For >500 To 1000, Deduct* | *-163.20* | |
| | | *For >1000, Deduct* | *-206.40* | |
| 26 56 19 00-0111 | EA | Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL) | 1,157.22 | 163.43 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-57.86* | |
| | | *For >100 To 250, Deduct* | *-86.79* | |
| | | *For >250 To 500, Deduct* | *-136.48* | |
| | | *For >500 To 1000, Deduct* | *-186.17* | |
| | | *For >1000, Deduct* | *-235.86* | |
| 26 56 19 00-0112 | EA | Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL) | 1,229.90 | 164.06 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-61.50* | |
| | | *For >100 To 250, Deduct* | *-92.24* | |
| | | *For >250 To 500, Deduct* | *-145.54* | |
| | | *For >500 To 1000, Deduct* | *-198.83* | |
| | | *For >1000, Deduct* | *-252.12* | |
| 26 56 19 00-0113 | EA | Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL) | 1,299.72 | 165.92 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-64.99* | |
| | | *For >100 To 250, Deduct* | *-97.48* | |
| | | *For >250 To 500, Deduct* | *-154.17* | |
| | | *For >500 To 1000, Deduct* | *-210.86* | |
| | | *For >1000, Deduct* | *-267.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0114 | EA | Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP) | 693.49 | 156.57 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-34.67* | |
| | | *For >100 To 250, Deduct* | *-52.01* | |
| | | *For >250 To 500, Deduct* | *-78.86* | |
| | | *For >500 To 1000, Deduct* | *-105.70* | |
| | | *For >1000, Deduct* | *-132.55* | |
| 26 56 19 00-0115 | EA | Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP) | 750.18 | 158.12 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-37.51* | |
| | | *For >100 To 250, Deduct* | *-56.26* | |
| | | *For >250 To 500, Deduct* | *-85.87* | |
| | | *For >500 To 1000, Deduct* | *-115.47* | |
| | | *For >1000, Deduct* | *-145.07* | |
| 26 56 19 00-0116 | EA | Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL) | 534.53 | 143.15 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-26.73* | |
| | | *For >100 To 250, Deduct* | *-40.09* | |
| | | *For >250 To 500, Deduct* | *-59.66* | |
| | | *For >500 To 1000, Deduct* | *-79.23* | |
| | | *For >1000, Deduct* | *-98.80* | |
| 26 56 19 00-0117 | EA | Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL) | 544.16 | 144.40 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-27.21* | |
| | | *For >100 To 250, Deduct* | *-40.81* | |
| | | *For >250 To 500, Deduct* | *-60.80* | |
| | | *For >500 To 1000, Deduct* | *-80.79* | |
| | | *For >1000, Deduct* | *-100.78* | |
| 26 56 19 00-0118 | EA | Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL) | 590.85 | 147.21 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-29.54* | |
| | | *For >100 To 250, Deduct* | *-44.31* | |
| | | *For >250 To 500, Deduct* | *-66.50* | |
| | | *For >500 To 1000, Deduct* | *-88.68* | |
| | | *For >1000, Deduct* | *-110.86* | |
| 26 56 19 00-0119 | EA | Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL) | 905.64 | 159.06 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-45.28* | |
| | | *For >100 To 250, Deduct* | *-67.92* | |
| | | *For >250 To 500, Deduct* | *-105.25* | |
| | | *For >500 To 1000, Deduct* | *-142.58* | |
| | | *For >1000, Deduct* | *-179.91* | |
| 26 56 19 00-0120 | EA | Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL) | 1,179.90 | 164.06 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-59.00* | |
| | | *For >100 To 250, Deduct* | *-88.49* | |
| | | *For >250 To 500, Deduct* | *-139.29* | |
| | | *For >500 To 1000, Deduct* | *-190.08* | |
| | | *For >1000, Deduct* | *-240.87* | |
| 26 56 19 00-0121 | EA | Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL) | 1,052.57 | 164.67 |
| | | *For LightGrid™ Wireless Outdoor Controller, Add* | *20.00* | |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-52.63* | |
| | | *For >100 To 250, Deduct* | *-78.94* | |
| | | *For >250 To 500, Deduct* | *-123.34* | |
| | | *For >500 To 1000, Deduct* | *-167.73* | |
| | | *For >1000, Deduct* | *-212.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0122 | EA | Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY) | 513.72 | 143.47 |
| | | *For Twist Lock Shorting Cap, Add* | *8.50* | |
| | | *For ANSI 7-wire Photocontrol Receptacle, Add* | *25.51* | |
| | | *For Ripley Long-Life Twist Lock Photocontrol, Add* | *45.65* | |
| | | *For >50 To 100, Deduct* | *-25.69* | |
| | | *For >100 To 250, Deduct* | *-38.53* | |
| | | *For >250 To 500, Deduct* | *-57.04* | |
| | | *For >500 To 1000, Deduct* | *-75.55* | |
| | | *For >1000, Deduct* | *-94.07* | |
| 26 56 19 00-0123 | | LED, Wall Packs *(26 56 19)* | | |
| 26 56 19 00-0124 | | Full Cutoff, LED Wall Packs *(26 56 19 00-0123)* | | |
| 26 56 19 00-0125 | | Full Cutoff, LED Wall Packs (Lithonia) *(26 56 19 00-0124)* | | |
| 26 56 19 00-0126 | EA | 30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED) | 908.21 | 109.16 |
| | | *For >50 To 100, Deduct* | *-45.41* | |
| | | *For >100 To 250, Deduct* | *-68.12* | |
| | | *For >250 To 500, Deduct* | *-108.07* | |
| | | *For >500 To 1000, Deduct* | *-148.02* | |
| | | *For >1000, Deduct* | *-187.97* | |
| 26 56 19 00-0127 | EA | 30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED) | 983.09 | 109.16 |
| | | *For >50 To 100, Deduct* | *-49.15* | |
| | | *For >100 To 250, Deduct* | *-73.73* | |
| | | *For >250 To 500, Deduct* | *-117.43* | |
| | | *For >500 To 1000, Deduct* | *-161.12* | |
| | | *For >1000, Deduct* | *-204.82* | |
| 26 56 19 00-0128 | | Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 19 00-0124)* | | |
| 26 56 19 00-0129 | | Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 19 00-0128)* | | |
| | | Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0130 | EA | 20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)<br>Note: Includes 350mA or 525mA driver. | 820.29 | 106.05 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Bird Spikes, Add* | *42.33* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-41.01* | |
| | | *For >100 To 250, Deduct* | *-61.52* | |
| | | *For >250 To 500, Deduct* | *-97.23* | |
| | | *For >500 To 1000, Deduct* | *-132.95* | |
| | | *For >1000, Deduct* | *-168.66* | |
| 26 56 19 00-0131 | EA | 40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)<br>Note: Includes 350mA or 525mA driver. | 1,053.14 | 112.28 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Bird Spikes, Add* | *42.96* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-52.66* | |
| | | *For >100 To 250, Deduct* | *-78.99* | |
| | | *For >250 To 500, Deduct* | *-126.03* | |
| | | *For >500 To 1000, Deduct* | *-173.07* | |
| | | *For >1000, Deduct* | *-220.12* | |
| 26 56 19 00-0132 | EA | 60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)<br>Note: Includes 350mA or 525mA driver. | 1,179.46 | 118.52 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Bird Spikes, Add* | *43.58* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-58.97* | |
| | | *For >100 To 250, Deduct* | *-88.46* | |
| | | *For >250 To 500, Deduct* | *-141.51* | |
| | | *For >500 To 1000, Deduct* | *-194.55* | |
| | | *For >1000, Deduct* | *-247.60* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0133 | EA | 80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver. | 1,518.84 | 124.76 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Bird Spikes, Add* | *44.21* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-75.94* | |
| | | *For >100 To 250, Deduct* | *-113.91* | |
| | | *For >250 To 500, Deduct* | *-183.62* | |
| | | *For >500 To 1000, Deduct* | *-253.32* | |
| | | *For >1000, Deduct* | *-323.03* | |
| 26 56 19 00-0134 | EA | 100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) | 1,751.68 | 130.99 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Bird Spikes, Add* | *44.83* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-87.58* | |
| | | *For >100 To 250, Deduct* | *-131.38* | |
| | | *For >250 To 500, Deduct* | *-212.41* | |
| | | *For >500 To 1000, Deduct* | *-293.45* | |
| | | *For >1000, Deduct* | *-374.48* | |
| 26 56 19 00-0135 | EA | 120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) | 1,984.53 | 137.23 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Bird Spikes, Add* | *45.45* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For >50 To 100, Deduct* | *-99.23* | |
| | | *For >100 To 250, Deduct* | *-148.84* | |
| | | *For >250 To 500, Deduct* | *-241.20* | |
| | | *For >500 To 1000, Deduct* | *-333.57* | |
| | | *For >1000, Deduct* | *-425.93* | |

### 26 56 19 00-0136 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 19 00-0128)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0137 | EA | 25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™) | 493.05 | 106.05 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For Multi-Level, Add* | *50.37* | |
| | | *For >50 To 100, Deduct* | *-24.65* | |
| | | *For >100 To 250, Deduct* | *-36.98* | |
| | | *For >250 To 500, Deduct* | *-56.33* | |
| | | *For >500 To 1000, Deduct* | *-75.68* | |
| | | *For >1000, Deduct* | *-95.03* | |
| 26 56 19 00-0138 | EA | 42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™) | 571.08 | 112.28 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For Multi-Level, Add* | *50.37* | |
| | | *For >50 To 100, Deduct* | *-28.55* | |
| | | *For >100 To 250, Deduct* | *-42.83* | |
| | | *For >250 To 500, Deduct* | *-65.77* | |
| | | *For >500 To 1000, Deduct* | *-88.71* | |
| | | *For >1000, Deduct* | *-111.65* | |

### 26 56 19 00-0139 Open Face LED Wall Pack *(26 56 19 00-0123)*

Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0140 | EA | 3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS) | 664.53 | 109.99 |
| | | *For >50 To 100, Deduct* | *-33.23* | |
| | | *For >100 To 250, Deduct* | *-49.84* | |
| | | *For >250 To 500, Deduct* | *-74.82* | |
| | | *For >500 To 1000, Deduct* | *-99.79* | |
| | | *For >1000, Deduct* | *-124.77* | |
| 26 56 19 00-0141 | EA | 5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS) | 714.03 | 109.99 |
| | | *For >50 To 100, Deduct* | *-35.70* | |
| | | *For >100 To 250, Deduct* | *-53.55* | |
| | | *For >250 To 500, Deduct* | *-81.00* | |
| | | *For >500 To 1000, Deduct* | *-108.46* | |
| | | *For >1000, Deduct* | *-135.91* | |
| 26 56 19 00-0142 | EA | 7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS) | 739.95 | 109.99 |
| | | *For >50 To 100, Deduct* | *-37.00* | |
| | | *For >100 To 250, Deduct* | *-55.50* | |
| | | *For >250 To 500, Deduct* | *-84.24* | |
| | | *For >500 To 1000, Deduct* | *-112.99* | |
| | | *For >1000, Deduct* | *-141.74* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0143 | EA | 11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS) | 760.98 | 109.99 |
| | | *For >50 To 100, Deduct* | *-38.05* | |
| | | *For >100 To 250, Deduct* | *-57.07* | |
| | | *For >250 To 500, Deduct* | *-86.87* | |
| | | *For >500 To 1000, Deduct* | *-116.67* | |
| | | *For >1000, Deduct* | *-146.47* | |
| 26 56 19 00-0144 | EA | 16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS) | 918.66 | 109.99 |
| | | *For >50 To 100, Deduct* | *-45.93* | |
| | | *For >100 To 250, Deduct* | *-68.90* | |
| | | *For >250 To 500, Deduct* | *-106.58* | |
| | | *For >500 To 1000, Deduct* | *-144.27* | |
| | | *For >1000, Deduct* | *-181.95* | |

## 26 56 19 00-0145 Wall Pack Accessories *(26 56 19 00-0123)*

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0146 | EA | Photocell For Wall Pack | 123.03 | 27.50 |
| 26 56 19 00-0147 | EA | Wire Guard For Mini And Small Wall Pack | 137.25 | 27.50 |
| 26 56 19 00-0148 | EA | Wire Guard For Medium And Large Wall Pack | 196.73 | 27.50 |
| 26 56 19 00-0149 | EA | Clear Polycarbonate Vandal Guard For Wall Packs | 282.56 | 27.50 |
| 26 56 19 00-0150 | EA | Full Cutoff Visor For Wall Pack | 133.37 | 27.50 |

## 26 56 19 00-0152 LED, Area Fixtures *(26 56 19)*

## 26 56 19 00-0153 Pole Mount, LED Area Fixtures *(26 56 19 00-0152)*

## 26 56 19 00-0154 Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 19 00-0153)*

Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0155 | EA | 20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED) | 2,471.38 | 106.05 |
| | | *For >50 To 100, Deduct* | *-123.57* | |
| | | *For >100 To 250, Deduct* | *-185.35* | |
| | | *For >250 To 500, Deduct* | *-303.62* | |
| | | *For >500 To 1000, Deduct* | *-421.89* | |
| | | *For >1000, Deduct* | *-540.15* | |
| 26 56 19 00-0156 | EA | 40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED) | 2,664.60 | 112.28 |
| | | *For >50 To 100, Deduct* | *-133.23* | |
| | | *For >100 To 250, Deduct* | *-199.85* | |
| | | *For >250 To 500, Deduct* | *-327.46* | |
| | | *For >500 To 1000, Deduct* | *-455.08* | |
| | | *For >1000, Deduct* | *-582.69* | |
| 26 56 19 00-0157 | EA | 80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED) | 2,870.30 | 124.76 |
| | | *For >50 To 100, Deduct* | *-143.52* | |
| | | *For >100 To 250, Deduct* | *-215.27* | |
| | | *For >250 To 500, Deduct* | *-352.55* | |
| | | *For >500 To 1000, Deduct* | *-489.83* | |
| | | *For >1000, Deduct* | *-627.10* | |
| 26 56 19 00-0158 | EA | 100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED) | 2,882.77 | 130.99 |
| | | *For >50 To 100, Deduct* | *-144.14* | |
| | | *For >100 To 250, Deduct* | *-216.21* | |
| | | *For >250 To 500, Deduct* | *-353.80* | |
| | | *For >500 To 1000, Deduct* | *-491.39* | |
| | | *For >1000, Deduct* | *-628.97* | |

## 26 56 19 00-0159 Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 19 00-0153)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0160 | EA | 40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) | 1,095.79 | 112.28 |
| | | *For Backlight Shielding, Add* | *19.93* | |
| | | *For Type II Medium Optic, Add* | *35.16* | |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-54.79* | |
| | | *For >100 To 250, Deduct* | *-82.18* | |
| | | *For >250 To 500, Deduct* | *-131.36* | |
| | | *For >500 To 1000, Deduct* | *-180.54* | |
| | | *For >1000, Deduct* | *-229.71* | |
| 26 56 19 00-0161 | EA | 60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) | 1,317.54 | 118.52 |
| | | *For Backlight Shielding, Add* | *19.93* | |
| | | *For Type II Medium Optic, Add* | *35.78* | |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-65.88* | |
| | | *For >100 To 250, Deduct* | *-98.82* | |
| | | *For >250 To 500, Deduct* | *-158.77* | |
| | | *For >500 To 1000, Deduct* | *-218.72* | |
| | | *For >1000, Deduct* | *-278.67* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0162 | EA | 80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) | 1,623.27 | 124.76 |
| | | *For Backlight Shielding, Add* | *19.93* | |
| | | *For Type II Medium Optic, Add* | *36.41* | |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-81.16* | |
| | | *For >100 To 250, Deduct* | *-121.75* | |
| | | *For >250 To 500, Deduct* | *-196.67* | |
| | | *For >500 To 1000, Deduct* | *-271.60* | |
| | | *For >1000, Deduct* | *-346.52* | |
| 26 56 19 00-0163 | EA | 100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) | 1,845.01 | 130.99 |
| | | *For Backlight Shielding, Add* | *19.93* | |
| | | *For Type II Medium Optic, Add* | *37.03* | |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-92.25* | |
| | | *For >100 To 250, Deduct* | *-138.38* | |
| | | *For >250 To 500, Deduct* | *-224.08* | |
| | | *For >500 To 1000, Deduct* | *-309.78* | |
| | | *For >1000, Deduct* | *-395.48* | |
| 26 56 19 00-0164 | EA | 120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) | 2,066.76 | 137.23 |
| | | *For Backlight Shielding, Add* | *19.93* | |
| | | *For Type II Medium Optic, Add* | *37.65* | |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-103.34* | |
| | | *For >100 To 250, Deduct* | *-155.01* | |
| | | *For >250 To 500, Deduct* | *-251.48* | |
| | | *For >500 To 1000, Deduct* | *-347.96* | |
| | | *For >1000, Deduct* | *-444.44* | |
| 26 56 19 00-0165 | EA | 140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) | 2,355.41 | 143.47 |
| | | *For Backlight Shielding, Add* | *19.93* | |
| | | *For Type II Medium Optic, Add* | *38.28* | |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-117.77* | |
| | | *For >100 To 250, Deduct* | *-176.66* | |
| | | *For >250 To 500, Deduct* | *-287.25* | |
| | | *For >500 To 1000, Deduct* | *-397.85* | |
| | | *For >1000, Deduct* | *-508.45* | |
| 26 56 19 00-0166 | EA | 160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) | 2,577.15 | 149.70 |
| | | *For Backlight Shielding, Add* | *19.93* | |
| | | *For Type II Medium Optic, Add* | *38.90* | |
| | | *For 480 Volt, Add* | *93.87* | |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-128.86* | |
| | | *For >100 To 250, Deduct* | *-193.29* | |
| | | *For >250 To 500, Deduct* | *-314.66* | |
| | | *For >500 To 1000, Deduct* | *-436.03* | |
| | | *For >1000, Deduct* | *-557.40* | |

## 26 56 19 00-0167 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 19 00-0153)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0168 | EA | 120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO) | 1,912.24 | 137.23 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For Bird Spikes, Add* | *40.17* | |
| | | *For 5,000K Color Temperature, Add* | *41.98* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For 480 Volt, Add* | *75.56* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For 1,000mA Driver, Add* | *141.05* | |
| | | *For >50 To 100, Deduct* | *-95.61* | |
| | | *For >100 To 250, Deduct* | *-143.42* | |
| | | *For >250 To 500, Deduct* | *-232.17* | |
| | | *For >500 To 1000, Deduct* | *-320.92* | |
| | | *For >1000, Deduct* | *-409.67* | |
| 26 56 19 00-0169 | EA | 240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO) | 3,208.71 | 168.41 |
| | | *For 3 Or 7-Pin NEMA Photocell Receptacle, Add* | *16.78* | |
| | | *For 5,000K Color Temperature, Add* | *41.98* | |
| | | *For Fuse, Add* | *50.37* | |
| | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | *For Bird Spikes, Add* | *59.16* | |
| | | *For Multi-Level, Add* | *109.13* | |
| | | *For 1,000mA Driver, Add* | *141.04* | |
| | | *For 480 Volt, Add* | *151.10* | |
| | | *For >50 To 100, Deduct* | *-160.44* | |
| | | *For >100 To 250, Deduct* | *-240.65* | |
| | | *For >250 To 500, Deduct* | *-392.67* | |
| | | *For >500 To 1000, Deduct* | *-544.68* | |
| | | *For >1000, Deduct* | *-696.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0170 | | Wall Mount, LED Area Fixtures *(26 56 19 00-0152)* | | |
| 26 56 19 00-0171 | | Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 19 00-0170)*<br>Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0172 | EA | 20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED) | 1,081.46 | 106.05 |
| | | *For >50 To 100, Deduct* | *-54.07* | |
| | | *For >100 To 250, Deduct* | *-81.11* | |
| | | *For >250 To 500, Deduct* | *-129.88* | |
| | | *For >500 To 1000, Deduct* | *-178.65* | |
| | | *For >1000, Deduct* | *-227.42* | |
| 26 56 19 00-0173 | EA | 30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED) | 1,106.42 | 118.52 |
| | | *For >50 To 100, Deduct* | *-55.32* | |
| | | *For >100 To 250, Deduct* | *-82.98* | |
| | | *For >250 To 500, Deduct* | *-132.38* | |
| | | *For >500 To 1000, Deduct* | *-181.77* | |
| | | *For >1000, Deduct* | *-231.17* | |
| 26 56 19 00-0174 | | Surface Mount, LED Parking Structure Fixtures *(26 56 19 00-0152)* | | |
| 26 56 19 00-0175 | | Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 19 00-0174)*<br>Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0176 | EA | 40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG) | 970.51 | 112.28 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-48.53* | |
| | | *For >100 To 250, Deduct* | *-72.79* | |
| | | *For >250 To 500, Deduct* | *-115.70* | |
| | | *For >500 To 1000, Deduct* | *-158.61* | |
| | | *For >1000, Deduct* | *-201.52* | |
| 26 56 19 00-0177 | EA | 60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG) | 1,192.27 | 118.52 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-59.61* | |
| | | *For >100 To 250, Deduct* | *-89.42* | |
| | | *For >250 To 500, Deduct* | *-143.11* | |
| | | *For >500 To 1000, Deduct* | *-196.80* | |
| | | *For >1000, Deduct* | *-250.48* | |
| 26 56 19 00-0178 | EA | 80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG) | 1,414.01 | 124.76 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-70.70* | |
| | | *For >100 To 250, Deduct* | *-106.05* | |
| | | *For >250 To 500, Deduct* | *-170.51* | |
| | | *For >500 To 1000, Deduct* | *-234.98* | |
| | | *For >1000, Deduct* | *-299.44* | |
| 26 56 19 00-0179 | EA | 100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG) | 1,635.74 | 130.99 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-81.79* | |
| | | *For >100 To 250, Deduct* | *-122.68* | |
| | | *For >250 To 500, Deduct* | *-197.92* | |
| | | *For >500 To 1000, Deduct* | *-273.16* | |
| | | *For >1000, Deduct* | *-348.39* | |
| 26 56 19 00-0180 | | Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 19 00-0174)*<br>Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |
| 26 56 19 00-0181 | EA | 40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304) | 936.35 | 112.28 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-46.82* | |
| | | *For >100 To 250, Deduct* | *-70.23* | |
| | | *For >250 To 500, Deduct* | *-111.43* | |
| | | *For >500 To 1000, Deduct* | *-152.63* | |
| | | *For >1000, Deduct* | *-193.84* | |
| 26 56 19 00-0182 | EA | 60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304) | 1,032.83 | 118.52 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-51.64* | |
| | | *For >100 To 250, Deduct* | *-77.46* | |
| | | *For >250 To 500, Deduct* | *-123.18* | |
| | | *For >500 To 1000, Deduct* | *-168.89* | |
| | | *For >1000, Deduct* | *-214.61* | |
| 26 56 19 00-0183 | | Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 19 00-0174)*<br>Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0184 | EA | 3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL) | 885.41 | 112.28 |
| | | *For >50 To 100, Deduct* | *-44.27* | |
| | | *For >100 To 250, Deduct* | *-66.41* | |
| | | *For >250 To 500, Deduct* | *-105.06* | |
| | | *For >500 To 1000, Deduct* | *-143.72* | |
| | | *For >1000, Deduct* | *-182.38* | |

### 26 56 19 00-0185 Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 19 00-0174)*

Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0186 | EA | 70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG) | 1,751.13 | 118.52 |
| | | *For >50 To 100, Deduct* | *-87.56* | |
| | | *For >100 To 250, Deduct* | *-131.33* | |
| | | *For >250 To 500, Deduct* | *-212.97* | |
| | | *For >500 To 1000, Deduct* | *-294.60* | |
| | | *For >1000, Deduct* | *-376.23* | |
| 26 56 19 00-0187 | EA | 110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG) | 1,776.07 | 130.99 |
| | | *For >50 To 100, Deduct* | *-88.80* | |
| | | *For >100 To 250, Deduct* | *-133.21* | |
| | | *For >250 To 500, Deduct* | *-215.46* | |
| | | *For >500 To 1000, Deduct* | *-297.71* | |
| | | *For >1000, Deduct* | *-379.97* | |

### 26 56 19 00-0188 Surface Mount, LED Canopy Fixtures *(26 56 19 00-0152)*

### 26 56 19 00-0189 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 19 00-0188)*

Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0190 | EA | 40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 1,121.41 | 112.28 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-56.07* | |
| | | *For >100 To 250, Deduct* | *-84.11* | |
| | | *For >250 To 500, Deduct* | *-134.56* | |
| | | *For >500 To 1000, Deduct* | *-185.02* | |
| | | *For >1000, Deduct* | *-235.48* | |
| 26 56 19 00-0191 | EA | 60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 1,343.17 | 118.52 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-67.16* | |
| | | *For >100 To 250, Deduct* | *-100.74* | |
| | | *For >250 To 500, Deduct* | *-161.97* | |
| | | *For >500 To 1000, Deduct* | *-223.20* | |
| | | *For >1000, Deduct* | *-284.44* | |
| 26 56 19 00-0192 | EA | 80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 1,564.91 | 124.76 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-78.25* | |
| | | *For >100 To 250, Deduct* | *-117.37* | |
| | | *For >250 To 500, Deduct* | *-189.38* | |
| | | *For >500 To 1000, Deduct* | *-261.38* | |
| | | *For >1000, Deduct* | *-333.39* | |
| 26 56 19 00-0193 | EA | 100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 1,786.64 | 130.99 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-89.33* | |
| | | *For >100 To 250, Deduct* | *-134.00* | |
| | | *For >250 To 500, Deduct* | *-216.78* | |
| | | *For >500 To 1000, Deduct* | *-299.56* | |
| | | *For >1000, Deduct* | *-382.35* | |
| 26 56 19 00-0194 | EA | 120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 2,008.39 | 137.23 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-100.42* | |
| | | *For >100 To 250, Deduct* | *-150.63* | |
| | | *For >250 To 500, Deduct* | *-244.19* | |
| | | *For >500 To 1000, Deduct* | *-337.75* | |
| | | *For >1000, Deduct* | *-431.30* | |
| 26 56 19 00-0195 | EA | 140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 2,314.12 | 143.47 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-115.71* | |
| | | *For >100 To 250, Deduct* | *-173.56* | |
| | | *For >250 To 500, Deduct* | *-282.09* | |
| | | *For >500 To 1000, Deduct* | *-390.62* | |
| | | *For >1000, Deduct* | *-499.16* | |
| 26 56 19 00-0196 | EA | 160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 2,535.87 | 149.70 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-126.79* | |
| | | *For >100 To 250, Deduct* | *-190.19* | |
| | | *For >250 To 500, Deduct* | *-309.50* | |
| | | *For >500 To 1000, Deduct* | *-428.81* | |
| | | *For >1000, Deduct* | *-548.12* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0197 | EA | 200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 2,979.36 | 162.18 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-148.97* | |
| | | *For >100 To 250, Deduct* | *-223.45* | |
| | | *For >250 To 500, Deduct* | *-364.31* | |
| | | *For >500 To 1000, Deduct* | *-505.17* | |
| | | *For >1000, Deduct* | *-646.03* | |
| 26 56 19 00-0198 | EA | 240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) | 3,410.37 | 168.41 |
| | | *For Multi-Level Drive Currents, Add* | *199.30* | |
| | | *For >50 To 100, Deduct* | *-170.52* | |
| | | *For >100 To 250, Deduct* | *-255.78* | |
| | | *For >250 To 500, Deduct* | *-417.88* | |
| | | *For >500 To 1000, Deduct* | *-579.97* | |
| | | *For >1000, Deduct* | *-742.07* | |

### 26 56 19 00-0199 Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) *(26 56 19 00-0188)*

Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0200 | EA | 8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250) | 786.20 | 124.76 |
| | | *For >50 To 100, Deduct* | *-39.31* | |
| | | *For >100 To 250, Deduct* | *-58.97* | |
| | | *For >250 To 500, Deduct* | *-92.04* | |
| | | *For >500 To 1000, Deduct* | *-125.11* | |
| | | *For >1000, Deduct* | *-158.18* | |

### 26 56 19 00-0201 Recessed Mount, LED Soffit Fixtures *(26 56 19 00-0152)*

### 26 56 19 00-0202 Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) *(26 56 19 00-0201)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0203 | EA | 40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304) | 953.43 | 112.28 |
| | | *For >50 To 100, Deduct* | *-47.67* | |
| | | *For >100 To 250, Deduct* | *-71.51* | |
| | | *For >250 To 500, Deduct* | *-113.57* | |
| | | *For >500 To 1000, Deduct* | *-155.62* | |
| | | *For >1000, Deduct* | *-197.68* | |
| 26 56 19 00-0204 | EA | 60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304) | 1,049.91 | 118.52 |
| | | *For >50 To 100, Deduct* | *-52.50* | |
| | | *For >100 To 250, Deduct* | *-78.74* | |
| | | *For >250 To 500, Deduct* | *-125.31* | |
| | | *For >500 To 1000, Deduct* | *-171.88* | |
| | | *For >1000, Deduct* | *-218.45* | |

### 26 56 19 00-0205 Surface Mount, LED Area Fixtures *(26 56 19 00-0152)*

### 26 56 19 00-0206 Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) *(26 56 19 00-0205)*

Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0207 | EA | 50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG) | 608.07 | 112.28 |
| | | *For >50 To 100, Deduct* | *-30.40* | |
| | | *For >100 To 250, Deduct* | *-45.61* | |
| | | *For >250 To 500, Deduct* | *-70.40* | |
| | | *For >500 To 1000, Deduct* | *-95.18* | |
| | | *For >1000, Deduct* | *-119.97* | |
| 26 56 19 00-0208 | EA | 50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG) | 1,277.90 | 112.28 |
| | | *For >50 To 100, Deduct* | *-63.90* | |
| | | *For >100 To 250, Deduct* | *-95.84* | |
| | | *For >250 To 500, Deduct* | *-154.12* | |
| | | *For >500 To 1000, Deduct* | *-212.41* | |
| | | *For >1000, Deduct* | *-270.69* | |
| 26 56 19 00-0209 | EA | 68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG) | 1,064.58 | 124.76 |
| | | *For >50 To 100, Deduct* | *-53.23* | |
| | | *For >100 To 250, Deduct* | *-79.84* | |
| | | *For >250 To 500, Deduct* | *-126.83* | |
| | | *For >500 To 1000, Deduct* | *-173.83* | |
| | | *For >1000, Deduct* | *-220.82* | |
| 26 56 19 00-0210 | EA | 68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG) | 1,316.10 | 124.76 |
| | | *For >50 To 100, Deduct* | *-65.81* | |
| | | *For >100 To 250, Deduct* | *-98.71* | |
| | | *For >250 To 500, Deduct* | *-158.27* | |
| | | *For >500 To 1000, Deduct* | *-217.84* | |
| | | *For >1000, Deduct* | *-277.41* | |

### 26 56 19 00-0211 Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) *(26 56 19 00-0205)*

Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0212 | EA | 13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A) | 195.37 | 39.60 |
| | | *For Knuckle Mount Or Trunnion Mount Base, Add* | *45.00* | |
| | | *For >50 To 100, Deduct* | *-9.77* | |
| | | *For >100 To 250, Deduct* | *-14.65* | |
| | | *For >250 To 500, Deduct* | *-22.77* | |
| | | *For >500 To 1000, Deduct* | *-30.89* | |
| | | *For >1000, Deduct* | *-39.01* | |
| 26 56 19 00-0213 | EA | 20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A) | 222.80 | 39.60 |
| | | *For Knuckle Mount Or Trunnion Mount Base, Add* | *45.00* | |
| | | *For >50 To 100, Deduct* | *-11.14* | |
| | | *For >100 To 250, Deduct* | *-16.71* | |
| | | *For >250 To 500, Deduct* | *-26.20* | |
| | | *For >500 To 1000, Deduct* | *-35.69* | |
| | | *For >1000, Deduct* | *-45.18* | |
| 26 56 19 00-0214 | EA | 30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A) | 275.07 | 39.60 |
| | | *For Knuckle Mount Or Trunnion Mount Base, Add* | *45.00* | |
| | | *For >50 To 100, Deduct* | *-13.75* | |
| | | *For >100 To 250, Deduct* | *-20.63* | |
| | | *For >250 To 500, Deduct* | *-32.73* | |
| | | *For >500 To 1000, Deduct* | *-44.84* | |
| | | *For >1000, Deduct* | *-56.94* | |

### 26 56 19 00-0215 Surface Mount, LED Facade Fixtures *(26 56 19 00-0152)*

### 26 56 19 00-0216 Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 19 00-0215)*

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0217 | EA | 12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™) | 663.95 | 46.22 |
| | | *For >50 To 100, Deduct* | *-33.20* | |
| | | *For >100 To 250, Deduct* | *-49.80* | |
| | | *For >250 To 500, Deduct* | *-81.24* | |
| | | *For >500 To 1000, Deduct* | *-112.67* | |
| | | *For >1000, Deduct* | *-144.11* | |
| 26 56 19 00-0218 | EA | 24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™) | 1,082.02 | 42.21 |
| | | *For >50 To 100, Deduct* | *-54.10* | |
| | | *For >100 To 250, Deduct* | *-81.15* | |
| | | *For >250 To 500, Deduct* | *-133.75* | |
| | | *For >500 To 1000, Deduct* | *-186.34* | |
| | | *For >1000, Deduct* | *-238.93* | |
| 26 56 19 00-0219 | EA | 36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™) | 1,381.92 | 35.17 |
| | | *For >50 To 100, Deduct* | *-69.10* | |
| | | *For >100 To 250, Deduct* | *-103.64* | |
| | | *For >250 To 500, Deduct* | *-171.48* | |
| | | *For >500 To 1000, Deduct* | *-239.32* | |
| | | *For >1000, Deduct* | *-307.16* | |
| 26 56 19 00-0220 | EA | 48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™) | 1,681.80 | 28.14 |
| | | *For >50 To 100, Deduct* | *-84.09* | |
| | | *For >100 To 250, Deduct* | *-126.14* | |
| | | *For >250 To 500, Deduct* | *-209.22* | |
| | | *For >500 To 1000, Deduct* | *-292.31* | |
| | | *For >1000, Deduct* | *-375.39* | |

### 26 56 19 00-0221 Post Top, LED Area Fixtures *(26 56 19 00-0152)*

### 26 56 19 00-0222 Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 19 00-0221)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0223 | EA | 1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1) | 1,866.48 | 171.54 |
| | | *For >50 To 100, Deduct* | *-93.32* | |
| | | *For >100 To 250, Deduct* | *-139.99* | |
| | | *For >250 To 500, Deduct* | *-224.73* | |
| | | *For >500 To 1000, Deduct* | *-309.48* | |
| | | *For >1000, Deduct* | *-394.23* | |
| 26 56 19 00-0224 | EA | 3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2) | 2,060.86 | 171.54 |
| | | *For >50 To 100, Deduct* | *-103.04* | |
| | | *For >100 To 250, Deduct* | *-154.56* | |
| | | *For >250 To 500, Deduct* | *-249.03* | |
| | | *For >500 To 1000, Deduct* | *-343.50* | |
| | | *For >1000, Deduct* | *-437.96* | |
| 26 56 19 00-0225 | EA | 77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3) | 2,214.51 | 171.54 |
| | | *For >50 To 100, Deduct* | *-110.73* | |
| | | *For >100 To 250, Deduct* | *-166.09* | |
| | | *For >250 To 500, Deduct* | *-268.24* | |
| | | *For >500 To 1000, Deduct* | *-370.39* | |
| | | *For >1000, Deduct* | *-472.53* | |

### 26 56 19 00-0226 Post Top, LED Area Fixtures (General Electric EPAS) *(26 56 19 00-0221)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.

| | | | | |
|---|---|---|---|---|
| 26 56 19 00-0227 | EA | 3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3) | 2,202.02 | 171.54 |
| | | *For >50 To 100, Deduct* | *-110.10* | |
| | | *For >100 To 250, Deduct* | *-165.15* | |
| | | *For >250 To 500, Deduct* | *-266.68* | |
| | | *For >500 To 1000, Deduct* | *-368.20* | |
| | | *For >1000, Deduct* | *-469.72* | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| | 26 56 19 00-0228 | EA | 6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3) | 2,252.02 | 171.54 |
| | | | *For >50 To 100, Deduct* | *-112.60* | |
| | | | *For >100 To 250, Deduct* | *-168.90* | |
| | | | *For >250 To 500, Deduct* | *-272.93* | |
| | | | *For >500 To 1000, Deduct* | *-376.95* | |
| | | | *For >1000, Deduct* | *-480.97* | |
| | 26 56 19 00-0229 | | Post Top, LED Area Fixtures (General Electric EPTC) *(26 56 19 00-0221)* | | |
| | | | Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor. | | |
| | 26 56 19 00-0230 | EA | 3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3) | 1,525.06 | 171.54 |
| | | | *For >50 To 100, Deduct* | *-76.25* | |
| | | | *For >100 To 250, Deduct* | *-114.38* | |
| | | | *For >250 To 500, Deduct* | *-182.06* | |
| | | | *For >500 To 1000, Deduct* | *-249.73* | |
| | | | *For >1000, Deduct* | *-317.41* | |
| | 26 56 19 00-0231 | EA | 6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3) | 1,599.89 | 171.54 |
| | | | *For >50 To 100, Deduct* | *-79.99* | |
| | | | *For >100 To 250, Deduct* | *-119.99* | |
| | | | *For >250 To 500, Deduct* | *-191.41* | |
| | | | *For >500 To 1000, Deduct* | *-262.83* | |
| | | | *For >1000, Deduct* | *-334.25* | |
| | 26 56 19 00-0232 | | Post Top, LED Area Fixtures (General Electric EPST) *(26 56 19 00-0221)* | | |
| | | | Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor. | | |
| | 26 56 19 00-0233 | EA | 3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3) | 1,184.92 | 171.54 |
| | | | *For >50 To 100, Deduct* | *-59.25* | |
| | | | *For >100 To 250, Deduct* | *-88.87* | |
| | | | *For >250 To 500, Deduct* | *-139.54* | |
| | | | *For >500 To 1000, Deduct* | *-190.21* | |
| | | | *For >1000, Deduct* | *-240.88* | |
| | 26 56 19 00-0234 | EA | 6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3) | 1,259.75 | 171.54 |
| | | | *For >50 To 100, Deduct* | *-62.99* | |
| | | | *For >100 To 250, Deduct* | *-94.48* | |
| | | | *For >250 To 500, Deduct* | *-148.89* | |
| | | | *For >500 To 1000, Deduct* | *-203.30* | |
| | | | *For >1000, Deduct* | *-257.71* | |
| | 26 56 19 00-0235 | | Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) *(26 56 19 00-0221)* | | |
| | | | Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors. | | |
| | 26 56 19 00-0236 | EA | 13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR) | 2,512.62 | 171.54 |
| | | | *For >50 To 100, Deduct* | *-125.63* | |
| | | | *For >100 To 250, Deduct* | *-188.45* | |
| | | | *For >250 To 500, Deduct* | *-305.50* | |
| | | | *For >500 To 1000, Deduct* | *-422.56* | |
| | | | *For >1000, Deduct* | *-539.61* | |
| | 26 56 19 00-0237 | | LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) *(26 56 19 00-0221)* | | |
| | | | Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps. | | |
| | 26 56 19 00-0238 | EA | LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53) | 707.21 | 93.56 |
| | | | *For 0 To 10 Volt Dimming, Add* | *50.37* | |
| | | | *For >50 To 100, Deduct* | *-35.36* | |
| | | | *For >100 To 250, Deduct* | *-53.04* | |
| | | | *For >250 To 500, Deduct* | *-83.72* | |
| | | | *For >500 To 1000, Deduct* | *-114.41* | |
| | | | *For >1000, Deduct* | *-145.09* | |
| | 26 56 19 00-0239 | | LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) *(26 56 19 00-0221)* | | |
| | | | Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0374 for disposal of hazardous lamps. | | |
| | 26 56 19 00-0240 | EA | LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) | 439.48 | 19.96 |
| | | | *For Backlight Control Shield, Add* | *33.96* | |
| | | | *For >50 To 100, Deduct* | *-21.97* | |
| | | | *For >100 To 250, Deduct* | *-32.96* | |
| | | | *For >250 To 500, Deduct* | *-52.94* | |
| | | | *For >500 To 1000, Deduct* | *-72.92* | |
| | | | *For >1000, Deduct* | *-92.90* | |
| | 26 56 19 00-0241 | | Surface Mount, LED Strip Fixtures (Sylvania) *(26 56 19 00-0152)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 19 00-0242 | EA | 4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D) | 459.20 | 36.77 |
| | | *For >50 To 100, Deduct* | *-22.96* | |
| | | *For >100 To 250, Deduct* | *-34.44* | |
| | | *For >250 To 500, Deduct* | *-56.02* | |
| | | *For >500 To 1000, Deduct* | *-77.60* | |
| | | *For >1000, Deduct* | *-99.18* | |

## 26 56 21 HID Exterior Lighting *(26 56)*

### 26 56 21 00-0001 High Mast Fixtures *(26 56 21)*

### 26 56 21 00-0002 Metal Halide, High Mast Fixtures *(26 56 21 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 56 21 00-0003 | EA | 400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux | 1,716.73 | 154.42 |
| 26 56 21 00-0004 | EA | 400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux | 1,834.26 | 154.42 |
| 26 56 21 00-0005 | EA | 750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux | 1,819.67 | 176.41 |
| 26 56 21 00-0006 | EA | 750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux | 1,890.19 | 176.41 |
| 26 56 21 00-0007 | EA | 1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux | 1,913.74 | 220.51 |
| 26 56 21 00-0008 | EA | 1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux | 1,984.25 | 220.51 |

### 26 56 21 00-0009 High Pressure Sodium, High Mast Fixtures *(26 56 21 00-0001)*

| | | | | |
|---|---|---|---|---|
| 26 56 21 00-0010 | EA | 400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux | 1,773.37 | 154.42 |
| 26 56 21 00-0011 | EA | 400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux | 1,843.88 | 154.42 |
| 26 56 21 00-0012 | EA | 600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux | 2,145.16 | 163.24 |
| 26 56 21 00-0013 | EA | 750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux | 2,198.06 | 176.41 |
| 26 56 21 00-0014 | EA | 1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux | 2,327.39 | 220.51 |

### 26 56 21 00-0015 HID, Pole Mounted *(26 56 21)*

### 26 56 21 00-0016 Metal Halide, Pole Mounted *(26 56 21 00-0015)*

| | | | | |
|---|---|---|---|---|
| 26 56 21 00-0017 | EA | 175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture | 593.55 | 251.79 |
| 26 56 21 00-0018 | EA | 250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture | 665.10 | 273.32 |
| 26 56 21 00-0019 | EA | 400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture | 770.23 | 294.02 |
| 26 56 21 00-0020 | EA | 1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture | 987.33 | 344.58 |

### 26 56 21 00-0021 High Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*

| | | | | |
|---|---|---|---|---|
| 26 56 21 00-0022 | EA | 100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture | 740.58 | 294.02 |
| 26 56 21 00-0023 | EA | 150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture | 762.53 | 294.02 |
| 26 56 21 00-0024 | EA | 175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture | 797.71 | 294.02 |
| 26 56 21 00-0025 | EA | 250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture | 890.38 | 294.02 |
| 26 56 21 00-0026 | EA | 400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture | 1,027.92 | 294.02 |
| 26 56 21 00-0027 | EA | 1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture | 956.88 | 294.02 |

### 26 56 21 00-0028 Low Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*

| | | | | |
|---|---|---|---|---|
| 26 56 21 00-0029 | EA | 135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed | 609.32 | 159.95 |
| 26 56 21 00-0030 | EA | 135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed | 680.25 | 235.21 |
| 26 56 21 00-0031 | EA | 180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed | 791.89 | 235.21 |

### 26 56 21 00-0032 Metal Halide, Area Fixtures *(26 56 21)*

### 26 56 21 00-0033 Metal Halide, Pole Mount, Area Fixtures *(26 56 21 00-0032)*

Note: Includes pulse start ballast.

| | | | | |
|---|---|---|---|---|
| 26 56 21 00-0034 | EA | 150 Watt, Metal Halide Area Fixture, Pole Mount | 1,017.71 | 156.52 |
| 26 56 21 00-0035 | EA | 175 Watt, Metal Halide Area Fixture, Pole Mount | 1,116.83 | 172.18 |
| 26 56 21 00-0036 | EA | 250 Watt, Metal Halide Area Fixture, Pole Mount | 1,235.11 | 187.83 |
| 26 56 21 00-0037 | EA | 400 Watt, Metal Halide Area Fixture, Pole Mount | 1,306.33 | 219.13 |

### 26 56 21 00-0038 High Pressure Sodium, Area Fixtures *(26 56 21)*

### 26 56 21 00-0039 Pole Mount, High Pressure Sodium Area Fixtures *(26 56 21 00-0038)*

| | | | | |
|---|---|---|---|---|
| 26 56 21 00-0040 | EA | 100 Watt, High Pressure Sodium Area Fixture, Pole Mount | 845.47 | 125.22 |
| 26 56 21 00-0041 | EA | 150 Watt, High Pressure Sodium Area Fixture, Pole Mount | 920.23 | 156.52 |
| 26 56 21 00-0042 | EA | 250 Watt, High Pressure Sodium Area Fixture, Pole Mount | 998.20 | 187.83 |
| 26 56 21 00-0043 | EA | 400 Watt, High Pressure Sodium Area Fixture, Pole Mount | 1,052.45 | 219.13 |

### 26 56 21 00-0044 Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21)*

### 26 56 21 00-0045 Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*

| | | | | |
|---|---|---|---|---|
| 26 56 21 00-0046 | EA | 175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture | 561.87 | 235.21 |
| 26 56 21 00-0047 | EA | 250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture | 635.64 | 264.61 |
| 26 56 21 00-0048 | EA | 400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture | 754.12 | 294.02 |
| 26 56 21 00-0049 | EA | 1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture | 972.35 | 344.58 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **26 56 21 00-0050** | | **High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture** *(26 56 21 00-0044)* | | |
| 26 56 21 00-0051 | EA | 70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro) | 532.85 | 201.11 |
| 26 56 21 00-0052 | EA | 100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro) | 577.27 | 214.04 |
| 26 56 21 00-0053 | EA | 150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro) | 620.59 | 225.80 |
| 26 56 21 00-0054 | EA | 175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture | 641.74 | 235.21 |
| 26 56 21 00-0055 | EA | 250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture | 710.29 | 264.61 |
| 26 56 21 00-0056 | EA | 400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture | 765.70 | 294.02 |
| 26 56 21 00-0057 | EA | 1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture | 1,063.73 | 344.58 |
| **26 56 21 00-0058** | | **Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 21)* | | |
| **26 56 21 00-0059** | | **High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 21 00-0058)* | | |
| | | Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws. | | |
| 26 56 21 00-0060 | EA | 35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 553.66 | 158.77 |
| 26 56 21 00-0061 | EA | 50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 579.94 | 176.41 |
| 26 56 21 00-0062 | EA | 70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 626.40 | 201.11 |
| 26 56 21 00-0063 | EA | 100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 647.05 | 214.04 |
| 26 56 21 00-0064 | EA | 150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 667.81 | 225.80 |
| 26 56 21 00-0065 | EA | 175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 698.70 | 235.21 |
| 26 56 21 00-0066 | EA | 250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 763.30 | 264.61 |
| 26 56 21 00-0067 | EA | 400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 907.24 | 294.02 |
| **26 56 21 00-0068** | | **Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 21 00-0058)* | | |
| | | Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws. | | |
| 26 56 21 00-0069 | EA | 50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 612.30 | 176.41 |
| 26 56 21 00-0070 | EA | 70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 653.30 | 201.11 |
| 26 56 21 00-0071 | EA | 100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 679.73 | 214.04 |
| 26 56 21 00-0072 | EA | 150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 709.58 | 225.80 |
| 26 56 21 00-0073 | EA | 175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 725.20 | 235.21 |
| 26 56 21 00-0074 | EA | 250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 790.78 | 264.61 |
| 26 56 21 00-0075 | EA | 400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture | 982.43 | 294.02 |
| **26 56 21 00-0076** | | **Wall Packs** *(26 56 21)* | | |
| **26 56 21 00-0077** | | **Non Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0076)* | | |
| | | Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS. | | |
| 26 56 21 00-0078 | EA | 13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack | 324.90 | 54.99 |
| 26 56 21 00-0079 | EA | 50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack | 348.39 | 54.99 |
| 26 56 21 00-0080 | EA | 35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack | 348.39 | 54.99 |
| 26 56 21 00-0081 | EA | 70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack | 462.29 | 54.99 |
| **26 56 21 00-0082** | | **Semi Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0076)* | | |
| | | Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA. | | |
| 26 56 21 00-0083 | EA | 42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack | 646.14 | 54.99 |
| 26 56 21 00-0084 | EA | 50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack | 654.59 | 54.99 |
| 26 56 21 00-0085 | EA | 70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack | 661.90 | 54.99 |
| 26 56 21 00-0086 | EA | 100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack | 648.57 | 54.99 |
| 26 56 21 00-0087 | EA | 70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack | 593.76 | 54.99 |
| 26 56 21 00-0088 | EA | 100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack | 563.65 | 54.99 |
| **26 56 21 00-0089** | | **Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0076)* | | |
| | | Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC. | | |
| 26 56 21 00-0090 | EA | 50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack | 680.82 | 54.99 |
| 26 56 21 00-0091 | EA | 70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack | 688.52 | 54.99 |
| 26 56 21 00-0092 | EA | 100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack | 675.21 | 54.99 |
| 26 56 21 00-0093 | EA | 70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack | 685.93 | 54.99 |
| 26 56 21 00-0094 | EA | 100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack | 685.93 | 54.99 |
| **26 56 21 00-0095** | | **Non Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0076)* | | |
| | | Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1. | | |
| 26 56 21 00-0096 | EA | 70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack | 647.26 | 73.26 |
| 26 56 21 00-0097 | EA | 100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack | 647.26 | 73.26 |
| 26 56 21 00-0098 | EA | 175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack | 606.00 | 73.26 |
| 26 56 21 00-0099 | EA | 70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack | 621.81 | 73.26 |
| 26 56 21 00-0100 | EA | 100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack | 621.81 | 73.26 |
| 26 56 21 00-0101 | EA | 150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack | 576.08 | 73.26 |
| **26 56 21 00-0102** | | **Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0076)* | | |
| | | Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 21 00-0103 | EA | 70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack | 671.70 | 73.26 |
| 26 56 21 00-0104 | EA | 100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack | 671.70 | 73.26 |
| 26 56 21 00-0105 | EA | 175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack | 671.70 | 73.26 |
| 26 56 21 00-0106 | EA | 70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack | 647.44 | 73.26 |
| 26 56 21 00-0107 | EA | 100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack | 647.44 | 73.26 |
| 26 56 21 00-0108 | EA | 150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack | 647.44 | 73.26 |
| 26 56 21 00-0109 | | Full Cutoff, Tempered Glass Lens, Small Wall Packs *(26 56 21 00-0076)* | | |
| | | Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S. | | |
| 26 56 21 00-0110 | EA | 175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack | 869.15 | 73.26 |
| 26 56 21 00-0111 | | Cutoff, Borosilicate Glass Lens, Medium Wall Packs *(26 56 21 00-0076)* | | |
| | | Note: Aluminum body and reflector. Lithonia TWR2. | | |
| 26 56 21 00-0112 | EA | 250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack<br>Note: 9-1/4" x 17-7/8" x 9-3/8". | 815.75 | 90.74 |
| 26 56 21 00-0113 | EA | 400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack<br>Note: 9-1/4" x 17-7/8" x 12-1/2". | 871.68 | 90.74 |
| 26 56 21 00-0114 | EA | 250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack<br>Note: 9-1/4" x 17-7/8" x 9-3/8". | 938.36 | 90.74 |
| 26 56 21 00-0115 | EA | 400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack<br>Note: 9-1/4" x 17-7/8" x 12-1/2". | 956.71 | 90.74 |
| 26 56 21 00-0116 | | Cutoff, Tempered Glass Lens, Medium Wall Packs *(26 56 21 00-0076)* | | |
| | | Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C. | | |
| 26 56 21 00-0117 | EA | 250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack | 887.69 | 90.74 |
| 26 56 21 00-0118 | EA | 400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack | 950.52 | 90.74 |
| 26 56 21 00-0119 | | Non Cutoff, Polycarbonate Lens, Large Wall Packs *(26 56 21 00-0076)* | | |
| | | Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP. | | |
| 26 56 21 00-0120 | EA | 100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack | 818.00 | 109.99 |
| 26 56 21 00-0121 | EA | 175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack | 751.45 | 109.99 |
| 26 56 21 00-0122 | EA | 70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack | 802.60 | 109.99 |
| 26 56 21 00-0123 | EA | 100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack | 807.69 | 109.99 |
| 26 56 21 00-0124 | EA | 150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack | 813.03 | 109.99 |
| 26 56 21 00-0125 | | Non Cutoff, Borosilicate Glass Lens, Large Wall Packs *(26 56 21 00-0076)* | | |
| | | Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH. | | |
| 26 56 21 00-0126 | EA | 175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack | 818.02 | 109.99 |
| 26 56 21 00-0127 | EA | 250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack | 840.23 | 109.99 |
| 26 56 21 00-0128 | EA | 400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack | 906.78 | 109.99 |
| 26 56 21 00-0129 | EA | 150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack | 862.42 | 109.99 |
| 26 56 21 00-0130 | EA | 250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack | 884.63 | 109.99 |
| 26 56 21 00-0131 | EA | 400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack | 928.95 | 109.99 |
| 26 56 21 00-0132 | | Semi Cutoff, Induction Wall Packs *(26 56 21 00-0076)* | | |
| 26 56 21 00-0133 | | Semi Cutoff, Induction Wall Packs (Everlast®) *(26 56 21 00-0132)* | | |
| | | Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors. | | |
| 26 56 21 00-0134 | EA | 70 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70) | 1,062.90 | 106.05 |
| 26 56 21 00-0135 | EA | 80 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80) | 1,084.85 | 112.28 |
| 26 56 21 00-0136 | EA | 100 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100) | 1,106.82 | 118.52 |
| 26 56 21 00-0137 | EA | 120 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120) | 1,233.05 | 124.76 |
| 26 56 21 00-0138 | | Non Cutoff, Polycarbonate Lens, Small Wall Packs *(26 56 21 00-0076)* | | |
| 26 56 21 00-0139 | EA | 15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P) | 335.42 | 54.99 |
| 26 56 21 00-0140 | | Induction, Roadway Lighting *(26 56 21)* | | |
| 26 56 21 00-0141 | | Induction Roadway Lighting (US Lighting Tech) *(26 56 21 00-0140)* | | |
| | | Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens. | | |
| 26 56 21 00-0142 | EA | 40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) | 612.97 | 187.13 |
| 26 56 21 00-0143 | EA | 70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) | 672.24 | 193.37 |
| 26 56 21 00-0144 | EA | 100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) | 697.19 | 205.84 |
| 26 56 21 00-0145 | EA | 150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) | 722.13 | 218.32 |
| 26 56 21 00-0146 | EA | 200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) | 842.27 | 224.55 |
| 26 56 21 00-0147 | EA | 250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) | 858.49 | 230.79 |
| 26 56 21 00-0148 | EA | 40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512) | 573.65 | 187.13 |
| 26 56 21 00-0149 | EA | 70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512) | 638.54 | 193.37 |
| 26 56 21 00-0150 | EA | 100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512) | 663.49 | 205.84 |
| 26 56 21 00-0151 | EA | 150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512) | 688.43 | 218.32 |
| 26 56 21 00-0152 | | Induction, Area Fixtures *(26 56 21)* | | |
| 26 56 21 00-0153 | | Post Top, Induction Area Fixtures *(26 56 21 00-0152)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 26 56 21 00-0154 | | Post Top, Induction Area Fixtures (US Lighting Tech) *(26 56 21 00-0153)* Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens. | | |
| 26 56 21 00-0155 | EA | 40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571) | 680.99 | 171.54 |
| 26 56 21 00-0156 | EA | 70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571) | 735.29 | 171.54 |
| 26 56 21 00-0157 | EA | 100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571) | 735.29 | 171.54 |
| 26 56 21 00-0158 | EA | 150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571) | 735.29 | 171.54 |
| 26 56 21 00-0159 | | Surface Mount, Induction Parking Structure Fixtures *(26 56 21 00-0152)* | | |
| 26 56 21 00-0160 | | Surface Mount, Induction Parking Structure Fixtures (Everlast®) *(26 56 21 00-0159)* | | |
| 26 56 21 00-0161 | EA | 40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 617.07 | 155.94 |
| 26 56 21 00-0162 | EA | 55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 655.14 | 159.06 |
| 26 56 21 00-0163 | EA | 70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 665.11 | 162.18 |
| 26 56 21 00-0164 | EA | 80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 675.10 | 165.29 |
| 26 56 21 00-0165 | EA | 100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 685.08 | 168.41 |
| 26 56 21 00-0166 | EA | 120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 698.80 | 171.54 |
| 26 56 21 00-0167 | EA | 70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 719.41 | 162.18 |
| 26 56 21 00-0168 | EA | 80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 729.39 | 165.29 |
| 26 56 21 00-0169 | EA | 100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 739.38 | 168.41 |
| 26 56 21 00-0170 | EA | 120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) | 769.01 | 171.54 |
| 26 56 21 00-0171 | | Pole Mount, Induction Area Fixtures *(26 56 21 00-0152)* | | |
| 26 56 21 00-0172 | | Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) *(26 56 21 00-0171)* Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors. | | |
| 26 56 21 00-0173 | EA | 70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70) | 1,110.30 | 106.05 |
| 26 56 21 00-0174 | EA | 80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80) | 1,141.73 | 112.28 |
| 26 56 21 00-0175 | EA | 100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100) | 1,173.18 | 118.52 |

**END OF SECTION 26**

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

## 27 05 Common Work Results for Communications *(27)*

### 27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

See CSI section 26 05 26 00-0000 for grounding.

| | | | | |
|---|---|---|---|---|
| 27 05 26 00-0001 | EA | 2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar | 177.14 | 29.76 |
| 27 05 26 00-0002 | EA | 4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar | 335.37 | 29.76 |
| 27 05 26 00-0003 | EA | #6 AWG, Cable Runway Ground Strap | 66.49 | 5.51 |
| 27 05 26 00-0004 | EA | 1/4" Screw Size, #6 AWG Compression Lug | 23.34 | 5.51 |
| 27 05 26 00-0005 | EA | 3/8" Screw Size, #6 AWG Compression Lug | 24.87 | 5.51 |
| 27 05 26 00-0006 | EA | Two Mounting Hole, Ground Terminal Block | 27.68 | 5.51 |
| 27 05 26 00-0007 | EA | 25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00)<br>Note: Excludes terminations. | 921.11 | 112.62 |
| 27 05 26 00-0008 | EA | 50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00)<br>Note: Excludes terminations. | 1,178.25 | 150.20 |
| 27 05 26 00-0009 | EA | 100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00)<br>Note: Excludes terminations. | 1,865.47 | 225.23 |
| 27 05 26 00-0010 | EA | Lucent 3B1-EW, Gas Tube Protector Unit | 11.13 | 1.66 |

### 27 05 29 Hangers and Supports for Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

#### 27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

#### 27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

| | | | | |
|---|---|---|---|---|
| 27 05 29 00-0003 | EA | 3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12) | 8.58 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.35* | |
| | | *For >100 To 250, Deduct* | *-0.70* | |
| | | *For >250 To 500, Deduct* | *-1.33* | |
| | | *For >500, Deduct* | *-1.96* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Painted Powder Coated Finish, Add* | *0.62* | |
| 27 05 29 00-0004 | EA | 1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21) | 9.05 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.36* | |
| | | *For >100 To 250, Deduct* | *-0.73* | |
| | | *For >250 To 500, Deduct* | *-1.37* | |
| | | *For >500, Deduct* | *-2.01* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Painted Powder Coated Finish, Add* | *2.18* | |
| | | *For Low Friction Xylan® Coated Finish, Add* | *7.78* | |
| 27 05 29 00-0005 | EA | 2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32) | 9.79 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.38* | |
| | | *For >100 To 250, Deduct* | *-0.77* | |
| | | *For >250 To 500, Deduct* | *-1.42* | |
| | | *For >500, Deduct* | *-2.08* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Painted Powder Coated Finish, Add* | *2.68* | |
| | | *For Low Friction Xylan® Coated Finish, Add* | *9.67* | |
| 27 05 29 00-0006 | EA | 4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64) | 16.16 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.54* | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 500, Deduct* | *-1.90* | |
| | | *For >500, Deduct* | *-2.72* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| | | *For Painted Powder Coated Finish, Add* | *1.43* | |
| | | *For Low Friction Xylan® Coated Finish, Add* | *8.57* | |

#### 27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

| | | | | |
|---|---|---|---|---|
| 27 05 29 00-0008 | EA | 3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB) | 9.70 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.38* | |
| | | *For >100 To 250, Deduct* | *-0.76* | |
| | | *For >250 To 500, Deduct* | *-1.42* | |
| | | *For >500, Deduct* | *-2.07* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 05 29 00-0009 | EA | 1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB) | 12.56 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.45* | |
| | | *For >100 To 250, Deduct* | *-0.90* | |
| | | *For >250 To 500, Deduct* | *-1.63* | |
| | | *For >500, Deduct* | *-2.36* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0010 | EA | 2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB) | 13.95 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.49* | |
| | | *For >100 To 250, Deduct* | *-0.97* | |
| | | *For >250 To 500, Deduct* | *-1.74* | |
| | | *For >500, Deduct* | *-2.50* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0011 | EA | 4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB) | 18.95 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.61* | |
| | | *For >100 To 250, Deduct* | *-1.22* | |
| | | *For >250 To 500, Deduct* | *-2.11* | |
| | | *For >500, Deduct* | *-3.00* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *1.48* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |

## 27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

| | | | | |
|---|---|---|---|---|
| 27 05 29 00-0013 | EA | 3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4) | 10.23 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.39* | |
| | | *For >100 To 250, Deduct* | *-0.79* | |
| | | *For >250 To 500, Deduct* | *-1.46* | |
| | | *For >500, Deduct* | *-2.13* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0014 | EA | 1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4) | 12.14 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.44* | |
| | | *For >100 To 250, Deduct* | *-0.88* | |
| | | *For >250 To 500, Deduct* | *-1.60* | |
| | | *For >500, Deduct* | *-2.32* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0015 | EA | 2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4) | 13.13 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.47* | |
| | | *For >100 To 250, Deduct* | *-0.93* | |
| | | *For >250 To 500, Deduct* | *-1.67* | |
| | | *For >500, Deduct* | *-2.42* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0016 | EA | 4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4) | 17.85 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.58* | |
| | | *For >100 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-2.03* | |
| | | *For >500, Deduct* | *-2.89* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |

## 27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

| | | | | |
|---|---|---|---|---|
| 27 05 29 00-0018 | EA | 3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28) | 12.32 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.45* | |
| | | *For >100 To 250, Deduct* | *-0.89* | |
| | | *For >250 To 500, Deduct* | *-1.61* | |
| | | *For >500, Deduct* | *-2.33* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0019 | EA | 1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28) | 15.55 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.53* | |
| | | *For >100 To 250, Deduct* | *-1.05* | |
| | | *For >250 To 500, Deduct* | *-1.86* | |
| | | *For >500, Deduct* | *-2.66* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0020 | EA | 2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28) | 16.40 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.55* | |
| | | *For >100 To 250, Deduct* | *-1.10* | |
| | | *For >250 To 500, Deduct* | *-1.92* | |
| | | *For >500, Deduct* | *-2.74* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 05 29 00-0021 | | **Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks)** *(27 05 29 00-0001)* | | |
| | | Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod. | | |
| 27 05 29 00-0022 | EA | 3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6) | 9.97 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.39* | |
| | | *For >100 To 250, Deduct* | *-0.77* | |
| | | *For >250 To 500, Deduct* | *-1.44* | |
| | | *For >500, Deduct* | *-2.10* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0023 | EA | 1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6) | 10.41 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.40* | |
| | | *For >100 To 250, Deduct* | *-0.80* | |
| | | *For >250 To 500, Deduct* | *-1.47* | |
| | | *For >500, Deduct* | *-2.14* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0024 | EA | 2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6) | 12.65 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.45* | |
| | | *For >100 To 250, Deduct* | *-0.91* | |
| | | *For >250 To 500, Deduct* | *-1.64* | |
| | | *For >500, Deduct* | *-2.37* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0025 | | **Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks)** *(27 05 29 00-0001)* | | |
| | | Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers. | | |
| 27 05 29 00-0026 | EA | 1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB) | 12.39 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.45* | |
| | | *For >100 To 250, Deduct* | *-0.90* | |
| | | *For >250 To 500, Deduct* | *-1.62* | |
| | | *For >500, Deduct* | *-2.34* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0027 | EA | 2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB) | 13.44 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.47* | |
| | | *For >100 To 250, Deduct* | *-0.95* | |
| | | *For >250 To 500, Deduct* | *-1.70* | |
| | | *For >500, Deduct* | *-2.45* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0028 | EA | 4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB) | 18.65 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.60* | |
| | | *For >100 To 250, Deduct* | *-1.21* | |
| | | *For >250 To 500, Deduct* | *-2.09* | |
| | | *For >500, Deduct* | *-2.97* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0029 | | **Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks)** *(27 05 29 00-0001)* | | |
| 27 05 29 00-0030 | EA | 3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A) | 12.25 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.44* | |
| | | *For >100 To 250, Deduct* | *-0.89* | |
| | | *For >250 To 500, Deduct* | *-1.61* | |
| | | *For >500, Deduct* | *-2.33* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0031 | EA | 1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A) | 14.12 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.49* | |
| | | *For >100 To 250, Deduct* | *-0.98* | |
| | | *For >250 To 500, Deduct* | *-1.75* | |
| | | *For >500, Deduct* | *-2.51* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0032 | EA | 2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A) | 15.11 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.52* | |
| | | *For >100 To 250, Deduct* | *-1.03* | |
| | | *For >250 To 500, Deduct* | *-1.82* | |
| | | *For >500, Deduct* | *-2.61* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0033 | EA | 4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A) | 20.54 | 2.75 |
| | | *For >50 To 100, Deduct* | *-0.65* | |
| | | *For >100 To 250, Deduct* | *-1.30* | |
| | | *For >250 To 500, Deduct* | *-2.23* | |
| | | *For >500, Deduct* | *-3.16* | |
| | | *For Work In Restricted Working Space, Add* | *1.65* | |
| 27 05 29 00-0034 | | **Adjustable Cable Supports (Caddy® CableCat CAT425)** *(27 05 29)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 05 29 00-0035 | EA | Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425) | 34.93 | 3.63 |
| | | *For >50 To 100, Deduct* | *-1.15* | |
| | | *For >100 To 250, Deduct* | *-2.30* | |
| | | *For >250 To 500, Deduct* | *-3.99* | |
| | | *For >500, Deduct* | *-5.69* | |
| | | *For Installation On Concrete (Includes Drilling And Fastener), Add* | *2.85* | |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| 27 05 29 00-0036 | EA | Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425) | 35.63 | 3.63 |
| | | *For >50 To 100, Deduct* | *-1.17* | |
| | | *For >100 To 250, Deduct* | *-2.33* | |
| | | *For >250 To 500, Deduct* | *-4.05* | |
| | | *For >500, Deduct* | *-5.76* | |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| 27 05 29 00-0037 | EA | Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425) | 39.27 | 3.63 |
| | | *For >50 To 100, Deduct* | *-1.26* | |
| | | *For >100 To 250, Deduct* | *-2.51* | |
| | | *For >250 To 500, Deduct* | *-4.32* | |
| | | *For >500, Deduct* | *-6.13* | |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| 27 05 29 00-0038 | EA | >1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425) | 34.81 | 3.63 |
| | | *For >50 To 100, Deduct* | *-1.15* | |
| | | *For >100 To 250, Deduct* | *-2.29* | |
| | | *For >250 To 500, Deduct* | *-3.99* | |
| | | *For >500, Deduct* | *-5.68* | |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| 27 05 29 00-0039 | EA | Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425) | 36.50 | 3.63 |
| | | *For >50 To 100, Deduct* | *-1.19* | |
| | | *For >100 To 250, Deduct* | *-2.38* | |
| | | *For >250 To 500, Deduct* | *-4.11* | |
| | | *For >500, Deduct* | *-5.85* | |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| 27 05 29 00-0040 | EA | >1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425) | 38.17 | 3.63 |
| | | *For >50 To 100, Deduct* | *-1.23* | |
| | | *For >100 To 250, Deduct* | *-2.46* | |
| | | *For >250 To 500, Deduct* | *-4.24* | |
| | | *For >500, Deduct* | *-6.02* | |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |
| 27 05 29 00-0041 | EA | Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425) | 35.93 | 3.63 |
| | | *For >50 To 100, Deduct* | *-1.17* | |
| | | *For >100 To 250, Deduct* | *-2.35* | |
| | | *For >250 To 500, Deduct* | *-4.07* | |
| | | *For >500, Deduct* | *-5.79* | |
| | | *For Work In Restricted Working Space, Add* | *3.30* | |

## 27 05 33 Conduits and Backboxes for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

## 27 05 36 Cable Trays for Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

## 27 05 39 Surface Raceways for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

## 27 05 43 Underground Ducts and Raceways for Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

## 27 05 46 Utility Poles for Communications Systems *(27 05)*

See CSI section 26 05 46 00-0000 for utility poles.

## 27 05 53 Identification for Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

# 27 10 Structured Cabling *(27)*

Note: Includes testing.

# 27 11 Communications Equipment Room Fittings *(27 10)*

## 27 11 16 Communications Cabinets, Racks, Frames, and Enclosures *(27 11)*

### 27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards *(27 11 16)*

| | | | | |
|---|---|---|---|---|
| 27 11 16 00-0002 | EA | 4' x 4' x 3/4" Fire Retardant Plywood Backboard | 139.87 | 28.60 |
| | | *For Two Coats Of Non-Conductive, Fire Retardant Paint, Add* | *36.29* | |
| 27 11 16 00-0003 | EA | 4' x 8' x 3/4" Fire Retardant Plywood Backboard | 279.73 | 57.20 |
| | | *For Two Coats Of Non-Conductive, Fire Retardant Paint, Add* | *72.58* | |

### 27 11 16 00-0004 Terminal Cabinets *(27 11 16)*

| | | | | |
|---|---|---|---|---|
| 27 11 16 00-0005 | EA | 12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard | 342.43 | 82.49 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 11 16 00-0006 | EA | 18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard | 434.99 | 90.74 |
| 27 11 16 00-0007 | EA | 24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard | 500.52 | 104.49 |
| 27 11 16 00-0008 | EA | 18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard | 519.62 | 107.24 |
| 27 11 16 00-0009 | EA | 24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard | 639.23 | 109.99 |
| 27 11 16 00-0010 | EA | 26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard | 793.61 | 123.74 |
| 27 11 16 00-0011 | EA | 24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard | 813.44 | 120.99 |
| 27 11 16 00-0012 | EA | 30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard | 1,042.24 | 172.36 |
| 27 11 16 00-0013 | EA | 36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard | 1,114.04 | 189.41 |
| 27 11 16 00-0014 | EA | 42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard | 1,350.97 | 200.08 |
| 27 11 16 00-0015 | EA | 30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard | 1,115.86 | 164.99 |
| 27 11 16 00-0016 | EA | 36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard | 1,206.73 | 178.74 |
| 27 11 16 00-0017 | EA | 48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard | 1,503.34 | 229.12 |
| 27 11 16 00-0018 | EA | 54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard | 1,803.18 | 286.42 |
| 27 11 16 00-0019 | EA | 48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard | 2,052.14 | 283.23 |
| 27 11 16 00-0020 | EA | 60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard | 2,353.70 | 344.61 |

## 27 11 16 00-0021 Equipment Racks And Cable Managers *(27 11 16)*

## 27 11 16 00-0022 Equipment Racks *(27 11 16 00-0021)*

Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.

## 27 11 16 00-0023 Standard Equipment Racks *(27 11 16 00-0022)*

## 27 11 16 00-0024 19" Width, Standard Equipment Racks *(27 11 16 00-0023)*

| | | | | |
|---|---|---|---|---|
| 27 11 16 00-0025 | EA | 84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03) | 538.60 | 175.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *9.33* | |
| 27 11 16 00-0026 | EA | 96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15) | 742.24 | 186.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *18.41* | |
| 27 11 16 00-0027 | EA | 108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08) | 801.44 | 197.98 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *20.27* | |

## 27 11 16 00-0028 Universal Equipment Racks *(27 11 16 00-0022)*

## 27 11 16 00-0029 Universal Equipment Racks *(27 11 16 00-0028)*

## 27 11 16 00-0030 19" Width, EIA Universal Equipment Racks *(27 11 16 00-0029)*

| | | | | |
|---|---|---|---|---|
| 27 11 16 00-0031 | EA | 36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31) | 693.90 | 153.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *19.30* | |
| 27 11 16 00-0032 | EA | 48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20) | 757.22 | 156.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *22.19* | |
| 27 11 16 00-0033 | EA | 60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19) | 756.50 | 159.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *21.88* | |
| 27 11 16 00-0034 | EA | 66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00) | 775.81 | 162.24 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *22.57* | |
| 27 11 16 00-0035 | EA | 72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01) | 794.90 | 164.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *23.25* | |
| 27 11 16 00-0036 | EA | 78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02) | 815.57 | 167.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *24.00* | |
| 27 11 16 00-0037 | EA | 84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03) | 697.38 | 170.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *17.82* | |
| 27 11 16 00-0038 | EA | 90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05) | 855.73 | 173.24 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *25.46* | |
| 27 11 16 00-0039 | EA | 96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15) | 885.72 | 175.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *26.69* | |
| 27 11 16 00-0040 | EA | 102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17) | 911.94 | 178.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *27.72* | |
| 27 11 16 00-0041 | EA | 108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08) | 918.47 | 181.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *27.78* | |

## 27 11 16 00-0042 23" Width, Universal Equipment Racks *(27 11 16 00-0029)*

| | | | | |
|---|---|---|---|---|
| 27 11 16 00-0043 | EA | 36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31) | 733.50 | 153.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *21.28* | |
| 27 11 16 00-0044 | EA | 48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20) | 758.69 | 156.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *22.26* | |
| 27 11 16 00-0045 | EA | 60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19) | 780.89 | 159.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *23.10* | |
| 27 11 16 00-0046 | EA | 66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00) | 822.19 | 162.24 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *24.89* | |
| 27 11 16 00-0047 | EA | 72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01) | 842.65 | 164.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *25.63* | |
| 27 11 16 00-0048 | EA | 78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02) | 864.90 | 167.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *26.47* | |
| 27 11 16 00-0049 | EA | 84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03) | 747.28 | 170.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *20.32* | |
| 27 11 16 00-0050 | EA | 90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05) | 908.08 | 173.24 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *28.08* | |
| 27 11 16 00-0051 | EA | 96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15) | 940.55 | 175.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *29.43* | |
| 27 11 16 00-0052 | EA | 102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17) | 968.93 | 178.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *30.57* | |
| 27 11 16 00-0053 | EA | 108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08) | 975.56 | 181.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *30.63* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 11 16 00-0054 | | 35" Width, Universal Equipment Racks *(27 11 16 00-0029)* | | |
| 27 11 16 00-0055 | EA | 72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01) | 909.78 | 164.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *28.99* | |
| 27 11 16 00-0056 | EA | 84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03) | 957.79 | 170.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *30.84* | |
| 27 11 16 00-0057 | | UL Listed Universal Equipment Racks *(27 11 16 00-0028)* | | |
| | | Note: UL listed as a communications circuit accessory. | | |
| 27 11 16 00-0058 | | 19" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)* | | |
| 27 11 16 00-0059 | EA | 36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31) | 732.50 | 153.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *21.23* | |
| 27 11 16 00-0060 | EA | 48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20) | 791.00 | 156.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *23.88* | |
| 27 11 16 00-0061 | EA | 60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19) | 803.15 | 159.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *24.21* | |
| 27 11 16 00-0062 | EA | 66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00) | 820.98 | 162.24 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *24.83* | |
| 27 11 16 00-0063 | EA | 72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01) | 841.39 | 164.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *25.57* | |
| 27 11 16 00-0064 | EA | 78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02) | 863.58 | 167.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *26.41* | |
| 27 11 16 00-0065 | EA | 84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03) | 884.90 | 170.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *27.20* | |
| 27 11 16 00-0066 | EA | 90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05) | 906.68 | 173.24 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *28.01* | |
| 27 11 16 00-0067 | EA | 96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15) | 939.11 | 175.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *29.36* | |
| 27 11 16 00-0068 | EA | 102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17) | 967.42 | 178.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *30.50* | |
| 27 11 16 00-0069 | EA | 108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08) | 973.98 | 181.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *30.55* | |
| 27 11 16 00-0070 | | 23" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)* | | |
| 27 11 16 00-0071 | EA | 36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31) | 776.10 | 153.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *23.41* | |
| 27 11 16 00-0072 | EA | 48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20) | 850.13 | 156.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *26.83* | |
| 27 11 16 00-0073 | EA | 60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19) | 861.03 | 159.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *27.10* | |
| 27 11 16 00-0074 | EA | 66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00) | 871.96 | 162.24 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *27.37* | |
| 27 11 16 00-0075 | EA | 72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01) | 893.91 | 164.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *28.20* | |
| 27 11 16 00-0076 | EA | 78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02) | 917.85 | 167.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *29.12* | |
| 27 11 16 00-0077 | EA | 84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03) | 940.77 | 170.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *29.99* | |
| 27 11 16 00-0078 | EA | 90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05) | 964.22 | 173.24 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *30.89* | |
| 27 11 16 00-0079 | EA | 96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15) | 999.40 | 175.99 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *32.37* | |
| 27 11 16 00-0080 | EA | 102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17) | 1,030.08 | 178.74 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *33.63* | |
| 27 11 16 00-0081 | EA | 108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08) | 1,036.91 | 181.49 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *33.70* | |
| 27 11 16 00-0082 | | 4-Post Equipment Racks And Server Frames *(27 11 16 00-0022)* | | |
| 27 11 16 00-0083 | | 4-Post Equipment Racks *(27 11 16 00-0082)* | | |
| 27 11 16 00-0084 | EA | 19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03) | 1,477.40 | 274.98 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *46.37* | |
| 27 11 16 00-0085 | EA | 19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15) | 1,611.96 | 285.98 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *52.00* | |
| 27 11 16 00-0086 | EA | 19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08) | 1,738.93 | 296.98 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *57.25* | |
| 27 11 16 00-0087 | | 4-Post Server Frame *(27 11 16 00-0082)* | | |
| 27 11 16 00-0088 | EA | 19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03) | 1,518.20 | 274.98 |
| | | *For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add* | *48.41* | |
| 27 11 16 00-0089 | | Cable Managers *(27 11 16 00-0021)* | | |
| 27 11 16 00-0090 | | Horizontal Cable Managers *(27 11 16 00-0089)* | | |
| 27 11 16 00-0091 | | Single-Sided, Horizontal Cable Managers *(27 11 16 00-0090)* | | |
| 27 11 16 00-0092 | EA | 1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719) | 85.11 | 11.00 |
| 27 11 16 00-0093 | EA | 1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723) | 94.68 | 11.00 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 11 16 00-0094 | EA | 1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701) | 71.19 | 11.00 |
| 27 11 16 00-0095 | EA | 2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719) | 86.55 | 11.00 |
| 27 11 16 00-0096 | EA | 2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723) | 101.37 | 11.00 |
| 27 11 16 00-0097 | EA | 2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702) | 78.75 | 11.00 |
| 27 11 16 00-0098 | EA | 3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719) | 116.41 | 11.00 |
| 27 11 16 00-0099 | EA | 3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723) | 132.40 | 11.00 |
| 27 11 16 00-0100 | EA | 3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703) | 93.89 | 11.00 |
| 27 11 16 00-0101 | | Double-Sided, Horizontal Cable Managers *(27 11 16 00-0090)* | | |
| 27 11 16 00-0102 | EA | 1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719) | 105.51 | 11.00 |
| 27 11 16 00-0103 | EA | 1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723) | 118.13 | 11.00 |
| 27 11 16 00-0104 | EA | 2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719) | 110.98 | 11.00 |
| 27 11 16 00-0105 | EA | 2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723) | 129.05 | 11.00 |
| 27 11 16 00-0106 | EA | 3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719) | 143.38 | 11.00 |
| 27 11 16 00-0107 | EA | 3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723) | 160.46 | 11.00 |
| 27 11 16 00-0108 | | Vertical Cable Managers *(27 11 16 00-0089)* | | |
| 27 11 16 00-0109 | | Single-Sided, Vertical Cable Managers *(27 11 16 00-0108)* | | |
| 27 11 16 00-0110 | EA | 3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701) | 190.05 | 16.50 |
| 27 11 16 00-0111 | EA | 6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701) | 267.63 | 16.50 |
| 27 11 16 00-0112 | EA | 10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701) | 430.35 | 16.50 |
| 27 11 16 00-0113 | EA | 12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701) | 487.12 | 16.50 |
| 27 11 16 00-0114 | EA | 3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703) | 203.29 | 16.50 |
| 27 11 16 00-0115 | EA | 6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703) | 288.44 | 16.50 |
| 27 11 16 00-0116 | EA | 10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703) | 468.19 | 16.50 |
| 27 11 16 00-0117 | EA | 12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703) | 524.96 | 16.50 |
| 27 11 16 00-0118 | EA | 3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715) | 229.78 | 16.50 |
| 27 11 16 00-0119 | EA | 6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715) | 316.82 | 16.50 |
| 27 11 16 00-0120 | EA | 10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715) | 524.96 | 16.50 |
| 27 11 16 00-0121 | EA | 12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715) | 581.72 | 16.50 |
| 27 11 16 00-0122 | | Double-Sided, Vertical Cable Managers *(27 11 16 00-0108)* | | |
| 27 11 16 00-0123 | EA | 3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701) | 275.20 | 16.50 |
| 27 11 16 00-0124 | EA | 6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701) | 324.39 | 16.50 |
| 27 11 16 00-0125 | EA | 10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701) | 524.96 | 16.50 |
| 27 11 16 00-0126 | EA | 12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701) | 619.57 | 16.50 |
| 27 11 16 00-0127 | EA | 3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703) | 297.90 | 16.50 |
| 27 11 16 00-0128 | EA | 6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703) | 347.10 | 16.50 |
| 27 11 16 00-0129 | EA | 10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703) | 562.80 | 16.50 |
| 27 11 16 00-0130 | EA | 12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703) | 657.41 | 16.50 |
| 27 11 16 00-0131 | EA | 3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715) | 328.18 | 16.50 |
| 27 11 16 00-0132 | EA | 6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715) | 377.37 | 16.50 |
| 27 11 16 00-0133 | EA | 10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715) | 619.57 | 16.50 |
| 27 11 16 00-0134 | EA | 12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715) | 714.17 | 16.50 |
| 27 11 16 00-0135 | | Accessories For Vertical Cable Managers *(27 11 16 00-0108)* | | |
| 27 11 16 00-0136 | EA | Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716) | 116.60 | 11.00 |
| 27 11 16 00-0137 | EA | Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717) | 124.17 | 11.00 |
| 27 11 16 00-0138 | EA | Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718) | 131.73 | 11.00 |
| 27 11 16 00-0139 | EA | Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726) | 120.38 | 11.00 |
| 27 11 16 00-0140 | EA | Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727) | 131.73 | 11.00 |
| 27 11 16 00-0141 | EA | Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728) | 143.09 | 11.00 |
| 27 11 16 00-0142 | EA | Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746) | 135.52 | 11.00 |
| 27 11 16 00-0143 | EA | Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747) | 146.87 | 11.00 |
| 27 11 16 00-0144 | EA | Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748) | 158.22 | 11.00 |
| 27 11 16 00-0145 | EA | Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756) | 143.09 | 11.00 |
| 27 11 16 00-0146 | EA | Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757) | 158.22 | 11.00 |
| 27 11 16 00-0147 | EA | Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758) | 169.58 | 11.00 |
| 27 11 16 00-0148 | EA | Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001) | 97.68 | 11.00 |
| 27 11 16 00-0149 | EA | Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701) | 112.81 | 11.00 |
| 27 11 16 00-0150 | EA | Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001) | 117.92 | 11.00 |
| 27 11 16 00-0151 | EA | Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001) | 74.97 | 11.00 |

## 27 11 19 Communications Termination Blocks and Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

| | | | | |
|---|---|---|---|---|
| 27 11 19 00-0001 | | Computer Network Components *(27 11 19)* | | |
| 27 11 19 00-0002 | | Ethernet Patch Panels *(27 11 19 00-0001)* | | |
| 27 11 19 00-0003 | EA | 12 Port, Category 5E Patch Panel | 267.81 | 54.99 |
| 27 11 19 00-0004 | EA | 24 Port, Category 5E Patch Panel | 402.46 | 54.99 |
| 27 11 19 00-0005 | EA | 32 Port, Category 5E Patch Panel | 529.87 | 54.99 |
| 27 11 19 00-0006 | EA | 48 Port, Category 5E Patch Panel | 648.60 | 54.99 |
| 27 11 19 00-0007 | EA | 64 Port, Category 5E Patch Panel | 803.37 | 68.75 |
| 27 11 19 00-0008 | EA | 96 Port, Category 5E Patch Panel | 1,201.67 | 82.49 |
| 27 11 19 00-0009 | EA | 12 Port, Category 6 Patch Panel | 332.97 | 54.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 11 19 00-0010 | EA | 24 Port, Category 6 Patch Panel | 411.15 | 54.99 |
| 27 11 19 00-0011 | EA | 48 Port, Category 6 Patch Panel | 712.31 | 54.99 |
| 27 11 19 00-0012 | EA | 96 Port, Category 6 Patch Panel | 1,323.29 | 82.49 |
| 27 11 19 00-0013 | EA | 16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP) | 680.69 | 82.49 |
| 27 11 19 00-0014 | EA | 16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP) | 715.81 | 82.49 |
| 27 11 19 00-0015 | EA | 12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289) | 280.81 | 54.99 |
| 27 11 19 00-0016 | EA | Terminate One End Of A 4 Pair Cable To Category "X" Specifications | 38.97 | |
| | | *For >5 To 10 Cables, Deduct* | *-7.01* | |
| | | *For >10 Cables, Deduct* | *-15.59* | |
| 27 11 19 00-0017 | EA | Terminate One End Of A Twisted Pair Of Wires<br>Note: Per each pair | 10.72 | |
| | | *For >20 To 40 Pairs, Deduct* | *-1.72* | |
| | | *For >40 Pairs, Deduct* | *-4.07* | |
| 27 11 19 00-0018 | | Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)* | | |
| 27 11 19 00-0019 | | Fiber Optic Cable Connector Housings *(27 11 19 00-0018)* | | |
| 27 11 19 00-0020 | | Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*<br>Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels. | | |
| 27 11 19 00-0021 | EA | 1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing | 146.25 | 24.75 |
| 27 11 19 00-0022 | EA | 2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing | 221.55 | 24.75 |
| 27 11 19 00-0023 | EA | 4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing | 332.96 | 24.75 |
| 27 11 19 00-0024 | EA | 6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing | 490.01 | 41.25 |
| 27 11 19 00-0025 | EA | 12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing | 688.36 | 41.25 |
| 27 11 19 00-0026 | | Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*<br>Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels. | | |
| 27 11 19 00-0027 | EA | 2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing | 510.34 | 41.25 |
| 27 11 19 00-0028 | EA | 4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing | 585.97 | 41.25 |
| 27 11 19 00-0029 | EA | 6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing | 632.23 | 41.25 |
| 27 11 19 00-0030 | EA | 12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing | 744.00 | 41.25 |
| 27 11 19 00-0031 | | Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0019)*<br>Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels. | | |
| 27 11 19 00-0032 | EA | 2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing | 639.96 | 41.25 |
| | | *For Splice Tray Bracket, Add* | *69.96* | |
| 27 11 19 00-0033 | EA | 4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing | 752.45 | 41.25 |
| | | *For Splice Tray Bracket, Add* | *76.51* | |
| 27 11 19 00-0034 | EA | 12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing | 942.03 | 41.25 |
| | | *For Splice Tray Bracket, Add* | *278.73* | |
| 27 11 19 00-0035 | | Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0019)*<br>Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels. | | |
| 27 11 19 00-0036 | EA | 8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing | 816.43 | 41.25 |
| 27 11 19 00-0037 | EA | 12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing | 1,048.37 | 41.25 |
| 27 11 19 00-0038 | EA | 24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing | 1,188.97 | 41.25 |
| 27 11 19 00-0039 | EA | 48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing | 1,547.57 | 41.25 |
| 27 11 19 00-0040 | | Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0019)*<br>Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels. | | |
| 27 11 19 00-0041 | EA | 2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing | 733.67 | 24.75 |
| 27 11 19 00-0042 | EA | 6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing | 1,012.12 | 41.25 |
| 27 11 19 00-0043 | EA | 12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing | 1,062.91 | 41.25 |
| 27 11 19 00-0044 | | Wall Mount, Fiber Optic Cable Environmental Connector Housings *(27 11 19 00-0019)*<br>Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels. | | |
| 27 11 19 00-0045 | EA | 2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing | 768.77 | 24.75 |
| 27 11 19 00-0046 | EA | 6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing | 1,011.51 | 41.25 |
| 27 11 19 00-0047 | EA | 12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing | 1,191.19 | 41.25 |
| 27 11 19 00-0048 | | Fiber Optic Cable Connector Panels *(27 11 19 00-0018)* | | |
| 27 11 19 00-0049 | | SC Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)* | | |
| 27 11 19 00-0050 | EA | 6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel | 100.16 | 5.50 |
| 27 11 19 00-0051 | EA | 6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel | 108.88 | 5.50 |
| 27 11 19 00-0052 | EA | 8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel | 122.41 | 5.50 |
| 27 11 19 00-0053 | EA | 8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel | 134.03 | 5.50 |
| 27 11 19 00-0054 | EA | 12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel | 166.94 | 5.50 |
| 27 11 19 00-0055 | EA | 12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel | 184.32 | 5.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **27 11 19 00-0056** | | **SC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)* | | |
| 27 11 19 00-0057 | EA | 6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel | 96.31 | 5.50 |
| 27 11 19 00-0058 | EA | 6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel | 98.36 | 5.50 |
| 27 11 19 00-0059 | EA | 8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel | 117.31 | 5.50 |
| 27 11 19 00-0060 | EA | 8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel | 120.03 | 5.50 |
| 27 11 19 00-0061 | EA | 12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel | 159.28 | 5.50 |
| 27 11 19 00-0062 | EA | 12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel | 163.33 | 5.50 |
| **27 11 19 00-0063** | | **LC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)* | | |
| 27 11 19 00-0064 | EA | 6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel | 104.18 | 5.50 |
| 27 11 19 00-0065 | EA | 6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel | 114.44 | 5.50 |
| 27 11 19 00-0066 | EA | 8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel | 127.75 | 5.50 |
| 27 11 19 00-0067 | EA | 8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel | 141.46 | 5.50 |
| 27 11 19 00-0068 | EA | 12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel | 174.97 | 5.50 |
| 27 11 19 00-0069 | EA | 12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel | 195.48 | 5.50 |
| 27 11 19 00-0070 | EA | 16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel | 222.16 | 5.50 |
| 27 11 19 00-0071 | EA | 16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel | 249.51 | 5.50 |
| 27 11 19 00-0072 | EA | 24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel | 316.53 | 5.50 |
| 27 11 19 00-0073 | EA | 24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel | 326.06 | 5.50 |
| **27 11 19 00-0074** | | **ST Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)* | | |
| 27 11 19 00-0075 | EA | 6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel | 82.90 | 5.50 |
| 27 11 19 00-0076 | EA | 6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel | 89.50 | 5.50 |
| 27 11 19 00-0077 | EA | 8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel | 99.41 | 5.50 |
| 27 11 19 00-0078 | EA | 8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel | 108.21 | 5.50 |
| 27 11 19 00-0079 | EA | 12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel | 132.40 | 5.50 |
| 27 11 19 00-0080 | EA | 12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel | 145.61 | 5.50 |
| **27 11 19 00-0081** | | **MT-RJ, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)* | | |
| 27 11 19 00-0082 | EA | 12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel | 103.56 | 5.50 |
| 27 11 19 00-0083 | EA | 12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel | 156.00 | 5.50 |
| **27 11 19 00-0084** | | **Fiber Optic Cable Pretium Edge® Modules** *(27 11 19 00-0048)* | | |
| 27 11 19 00-0085 | EA | 12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module | 907.65 | 5.50 |
| 27 11 19 00-0086 | EA | 12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module | 910.81 | 5.50 |
| **27 11 19 00-0087** | | **Fiber Optic Cable Splice Housings** *(27 11 19 00-0018)* | | |
| **27 11 19 00-0088** | | **Wall Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)*<br>Note: Includes mounting hardware. Excludes splice trays. | | |
| 27 11 19 00-0089 | EA | 12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door | 343.58 | 54.99 |
| **27 11 19 00-0090** | | **Rack Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)*<br>Note: Includes mounting hardware. Excludes splice trays. | | |
| 27 11 19 00-0091 | EA | 12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing | 529.98 | 41.25 |
| 27 11 19 00-0092 | EA | 22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing | 538.17 | 41.25 |
| **27 11 19 00-0093** | | **Fiber Optic Cable Splice Trays** *(27 11 19 00-0087)* | | |
| 27 11 19 00-0094 | EA | Fiber Optic Cable Splice Tray | 98.98 | 13.75 |
| **27 11 19 00-0095** | | **Fiber Optic Cable Jumper Management Panels** *(27 11 19 00-0018)*<br>Note: Includes mounting hardware. | | |
| 27 11 19 00-0096 | EA | Rack Mount, Fiber Optic Cable Jumper Management Panel | 186.93 | 41.25 |
| **27 11 19 00-0097** | | **Miscellaneous Accessories** *(27 11 19 00-0001)* | | |
| 27 11 19 00-0098 | EA | Wall Mount Bracket For 12 Or 24 Port Patch Panel | 69.86 | |
| 27 11 19 00-0099 | EA | Wall Mount Bracket For 32 Or 48 Port Patch Panel | 93.73 | |
| 27 11 19 00-0100 | EA | Wall Mount Bracket For 64 Or 72 Port Patch Panel | 101.88 | |
| 27 11 19 00-0101 | EA | Wall Mount Bracket For 96 Port Patch Panel | 113.33 | |
| 27 11 19 00-0102 | EA | Lightning Protection Plus Stainless Steel Modules, Siemon | 465.00 | 54.99 |
| **27 11 19 00-0103** | | **Telephone Components** *(27 11 19)* | | |
| **27 11 19 00-0104** | | **Terminal Blocks With Wide Range Of 22-8 AWG** *(27 11 19 00-0103)* | | |
| 27 11 19 00-0105 | EA | Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG | 32.33 | 11.02 |
| 27 11 19 00-0106 | EA | Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG | 61.46 | 11.02 |
| 27 11 19 00-0107 | EA | Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG | 49.54 | 11.02 |
| 27 11 19 00-0108 | EA | Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG | 24.95 | 11.02 |
| 27 11 19 00-0109 | EA | Flat Terminal Block Connection With Wire Range 22-8 AWG | 17.69 | 7.71 |
| 27 11 19 00-0110 | EA | Ground Terminal Block With Wire Range 22-8 AWG | 33.59 | 11.02 |
| 27 11 19 00-0111 | EA | Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG | 24.95 | 11.02 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 11 19 00-0112 | EA | Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG | 17.51 | 7.71 |
| 27 11 19 00-0113 | EA | Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG | 17.38 | 7.71 |
| 27 11 19 00-0114 | EA | Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG | 17.96 | 7.71 |
| **27 11 19 00-0115** | | **Terminal Block Mounting Channel** *(27 11 19 00-0103)* | | |
| 27 11 19 00-0116 | EA | Terminal Block Mounting Channel, .5 M Galvanized Steel | 17.08 | 5.51 |
| 27 11 19 00-0117 | EA | Terminal Block Mounting Channel, 1 M Galvanized Steel | 22.01 | 5.51 |
| 27 11 19 00-0118 | EA | Terminal Block Mounting Channel, 2 M Galvanized Steel | 30.65 | 5.51 |
| 27 11 19 00-0119 | EA | Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc | 21.86 | 6.61 |
| 27 11 19 00-0120 | EA | Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc | 30.04 | 6.61 |
| 27 11 19 00-0121 | EA | Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc | 43.52 | 6.61 |
| **27 11 19 00-0122** | | **Outlet Termination Hardware** *(27 11 19 00-0103)* | | |
| 27 11 19 00-0123 | EA | Telephone Outlet Blocks | 32.87 | 5.51 |
| 27 11 19 00-0124 | EA | Phone Outlet Block For Floor Box<br>Note: Excludes box. | 92.37 | 41.80 |
| 27 11 19 00-0125 | EA | Fiber Optic "SC" Type Modular Bulkhead | 81.08 | 24.75 |
| 27 11 19 00-0126 | EA | Fiber Optic "ST" Type Modular Bulkhead | 81.08 | 24.75 |
| 27 11 19 00-0127 | EA | Type "F" Coaxial Connector Male | 47.47 | 16.50 |
| 27 11 19 00-0128 | EA | Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector | 122.09 | 27.50 |
| 27 11 19 00-0129 | EA | Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector | 122.09 | 27.50 |
| 27 11 19 00-0130 | EA | Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector | 147.09 | 27.50 |
| 27 11 19 00-0131 | EA | Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector | 147.09 | 27.50 |
| 27 11 19 00-0132 | EA | Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector | 133.94 | 27.50 |
| 27 11 19 00-0133 | EA | Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5 | 1,159.16 | 137.49 |
| 27 11 19 00-0134 | EA | Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V<br>Note: Excludes cable terminations. | 57.18 | 11.00 |
| 27 11 19 00-0135 | EA | 5-Pair, Connecting Block | 3.43 | 1.10 |
| 27 11 19 00-0136 | EA | 4-Pair, Connecting Block | 3.71 | 1.10 |
| 27 11 19 00-0137 | EA | Plastic Label Holder, Transparent | 13.90 | 2.75 |
| 27 11 19 00-0138 | EA | Marked Label, White, 5-Pair | 3.77 | |
| 27 11 19 00-0139 | EA | Marked Label, Blue, 4-Pair | 3.77 | |
| **27 11 19 00-0140** | | **Terminations in Manhole or Junction Box** *(27 11 19 00-0103)* | | |
| 27 11 19 00-0141 | EA | 25 Pair Cable Termination In Manhole Or Junction Box | 175.99 | |
| 27 11 19 00-0142 | EA | 50 Pair Cable Termination In Manhole Or Junction Box | 351.98 | |
| 27 11 19 00-0143 | EA | 100 Pair Cable Termination In Manhole Or Junction Box | 703.95 | |
| 27 11 19 00-0144 | EA | 150 Pair Cable Termination In Manhole Or Junction Box | 1,055.93 | |
| 27 11 19 00-0145 | EA | 200 Pair Cable Termination In Manhole Or Junction Box | 1,235.22 | |
| 27 11 19 00-0146 | EA | 300 Pair Cable Termination In Manhole Or Junction Box | 1,852.28 | |
| 27 11 19 00-0147 | EA | 400 Pair Cable Termination In Manhole Or Junction Box | 2,329.64 | |
| 27 11 19 00-0148 | EA | 500 Pair Cable Termination In Manhole Or Junction Box | 2,912.60 | |
| 27 11 19 00-0149 | EA | 750 Pair Cable Termination In Manhole Or Junction Box | 4,368.88 | |
| 27 11 19 00-0150 | EA | 1,000 Pair Cable Termination In Manhole Or Junction Box | 5,298.31 | |
| 27 11 19 00-0151 | EA | 1,200 Pair Cable Termination In Manhole Or Junction Box | 6,038.65 | |
| **27 11 23** | | **Communications Cable Management and Ladder Rack** *(27 11)* | | |
| **27 11 23 00-0001** | | **Equipment Supports** *(27 11 23)* | | |
| 27 11 23 00-0002 | EA | 110 Jumper Trough (Commscope 107831133) | 34.71 | 5.50 |
| 27 11 23 00-0003 | LF | Velcro CMP | 2.70 | 1.10 |
| 27 11 23 00-0004 | EA | 12" x 5'-11" Tubular Runway | 109.87 | 26.39 |
| 27 11 23 00-0005 | EA | 12" x 9'-11" Tubular Runway | 189.40 | 44.00 |
| 27 11 23 00-0006 | EA | Shelf Bracket Support For Tubular Runway | 34.78 | 8.25 |
| 27 11 23 00-0007 | EA | Straight Clamp Hardware For Tubular Runway | 14.78 | 5.50 |
| 27 11 23 00-0008 | EA | Corner Clamp Hardware For Tubular Runway | 15.72 | 5.50 |
| 27 11 23 00-0009 | EA | 90 Degree Edge Clamp Hardware For Tubular Runway | 36.20 | 9.90 |
| 27 11 23 00-0010 | EA | Wall Angle Assembly Hardware For 12" Wide Tubular Runway | 77.32 | 16.50 |
| 27 11 23 00-0011 | EA | J-Bolt Hardware For Tubular Runway | 6.99 | 2.42 |
| 27 11 23 00-0012 | EA | T Bracket Hardware For Tubular Runway | 39.57 | 13.75 |

## 27 13 Communications Backbone Cabling *(27 10)*

### 27 13 13 Communications Copper Backbone Cabling *(27 13)*

#### 27 13 13 13 Communications Copper Cable Splicing and Terminations *(27 13 13)*

| | | | | |
|---|---|---|---|---|
| **27 13 13 13-0001** | | **Modular Plugs For Copper Communications Cable** *(27 13 13 13)* | | |
| 27 13 13 13-0002 | EA | Modular Plug For Non-Shielded Copper Communications Cable<br>Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination. | 26.18 | |
| | | *For >5 To 10, Deduct* | *-3.29* | |
| | | *For >10, Deduct* | *-6.58* | |
| 27 13 13 13-0003 | EA | Modular Plug For Shielded Copper Communications Cable<br>Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination. | 29.83 | |
| | | *For >5 To 10, Deduct* | *-3.70* | |
| | | *For >10, Deduct* | *-7.41* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 13 13 13-0004 | | Communications Termination Blocks *(27 13 13 13)* | | |
| 27 13 13 13-0005 | EA | 100-Pair, 110 Block With Legs | 54.66 | 13.75 |
| 27 13 13 13-0006 | EA | 300-Pair, 110 Block With Legs | 94.16 | 13.75 |
| 27 13 13 13-0007 | EA | Clear Label Holder For 110 Wiring Block | 11.77 | 5.50 |
| 27 13 13 13-0008 | EA | 4-Pair, 110C Connecting Block | 6.70 | 2.75 |
| 27 13 13 13-0009 | EA | 5-Pair, 110C Connecting Block | 6.84 | 2.75 |
| 27 13 13 13-0010 | EA | 100-Pair, 110 Jack Panel System<br>Note: Includes twelve 8-pin modular jacks and mounting legs. | 305.18 | 16.50 |
| 27 13 13 13-0011 | EA | 300-Pair, 110 Jack Panel System<br>Note: Includes twelve 8-pin modular jacks and mounting legs. | 724.60 | 16.50 |
| 27 13 13 13-0012 | | Testing And Certification Of Copper Communications Cable *(27 13 13 13)*<br>Note: Use for existing systems. | | |
| 27 13 13 13-0013 | EA | Test 1-Pair Of A Copper Communications Cable For Continuity | 5.50 | |
| | | *For >25-Pair, Deduct* | *-2.20* | |
| 27 13 13 13-0014 | EA | Certify 1-Pair Of A Copper Communications Cable | 8.25 | |
| | | *For >25-Pair, Deduct* | *-3.29* | |
| 27 13 13 13-0015 | EA | Certify And Document 1-Pair Of A Copper Communications Cable | 13.20 | |
| | | *For >25-Pair, Deduct* | *-5.27* | |
| 27 13 13 13-0016 | EA | Test 4-Pair Category 5-7 Telecommunications Cable For Continuity | 21.99 | |
| | | *For >25-Pair, Deduct* | *-8.78* | |
| 27 13 13 13-0017 | EA | Certify 4-Pair Category 5-7 Telecommunications Cable | 33.00 | |
| | | *For >25-Pair, Deduct* | *-13.17* | |
| 27 13 13 13-0018 | EA | Certify And Document 4-Pair Category 5-7 Telecommunications Cable | 52.80 | |
| | | *For >25-Pair, Deduct* | *-21.07* | |
| 27 13 13 13-0019 | | Building Entrance Terminals *(27 13 13 13)* | | |
| 27 13 13 13-0020 | EA | 25 Pair Gas Protective Unit Assembly Complete With Gas Protector | 1,662.75 | 241.16 |
| 27 13 13 13-0021 | EA | 50 Pair Gas Protective Unit Assembly Complete With Gas Protector | 2,289.05 | 401.93 |
| 27 13 13 13-0022 | EA | 100 Pair Gas Protective Unit Assembly Complete With Gas Protector | 3,310.70 | 643.60 |
| **27 13 23** | | **Communications Optical Fiber Backbone Cabling** *(27 13)* | | |
| **27 13 23 13** | | **Communications Optical Fiber Splicing and Terminations** *(27 13 23)* | | |
| 27 13 23 13-0001 | | Fiber Optic Cable Splice Closures *(27 13 23 13)*<br>Note: Includes mounting hardware. Excludes splicing and splice trays. | | |
| 27 13 23 13-0002 | EA | Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure | 863.30 | 109.99 |
| 27 13 23 13-0003 | EA | Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure | 1,083.28 | 219.99 |
| 27 13 23 13-0004 | EA | Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure | 1,083.28 | 219.99 |
| 27 13 23 13-0005 | EA | Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure | 1,445.38 | 109.99 |
| 27 13 23 13-0006 | EA | Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure | 1,665.36 | 219.99 |
| 27 13 23 13-0007 | EA | Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure | 1,665.36 | 219.99 |
| 27 13 23 13-0008 | EA | Splice Tray For Fiber Optic Cable Splice Closure<br>Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice. | 59.93 | 13.75 |
| 27 13 23 13-0009 | | Fiber Optic Cable Splicing *(27 13 23 13)* | | |
| 27 13 23 13-0010 | EA | Single Strand, Fusion Splice Of Fiber Optic Cable | 33.00 | |
| 27 13 23 13-0011 | EA | 12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable | 109.99 | |
| 27 13 23 13-0012 | | Fiber Optic Cable Testing *(27 13 23 13)*<br>Note: Price based on testing one wavelength. | | |
| 27 13 23 13-0013 | | Fiber Optic Cable Testing Using An OTDR *(27 13 23 13-0012)*<br>Note: Testing using an optical time domain reflectometer. | | |
| 27 13 23 13-0014 | EA | Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test | 21.99 | |
| | | *For >12 To 48 Strands, Deduct* | *-1.65* | |
| | | *For >48 Strands, Deduct* | *-2.20* | |
| 27 13 23 13-0015 | EA | Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test | 33.00 | |
| | | *For >12 To 48 Strands, Deduct* | *-2.48* | |
| | | *For >48 Strands, Deduct* | *-3.30* | |
| 27 13 23 13-0016 | EA | Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation | 54.99 | |
| | | *For >12 To 48 Strands, Deduct* | *-4.12* | |
| | | *For >48 Strands, Deduct* | *-5.50* | |
| 27 13 23 13-0017 | EA | Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation | 82.49 | |
| | | *For >12 To 48 Strands, Deduct* | *-6.19* | |
| | | *For >48 Strands, Deduct* | *-8.25* | |
| 27 13 23 13-0018 | | Fiber Optic Cable Testing Using A Power Meter *(27 13 23 13-0012)* | | |
| 27 13 23 13-0019 | EA | Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test | 21.99 | |
| | | *For >12 To 48 Strands, Deduct* | *-1.65* | |
| | | *For >48 Strands, Deduct* | *-2.20* | |
| 27 13 23 13-0020 | EA | Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test | 33.00 | |
| | | *For >12 To 48 Strands, Deduct* | *-2.48* | |
| | | *For >48 Strands, Deduct* | *-3.30* | |
| 27 13 23 13-0021 | | Fiber Optic Cable Light Source/Continuity Testing *(27 13 23 13-0012)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 13 23 13-0022 | EA | Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test | 21.99 | |
| | | *For >12 To 48 Strands, Deduct* | *-1.65* | |
| | | *For >48 Strands, Deduct* | *-2.20* | |

27 13 23 13-0023 Other Fiber Optic Cable Splicing *(27 13 23 13)*

| | | | | |
|---|---|---|---|---|
| 27 13 23 13-0024 | EA | Fiber Optic Finger Splice | 37.45 | 20.68 |
| 27 13 23 13-0025 | EA | Fiber Optic Splice Box - Manholes | 5,622.10 | |

27 13 23 13-0026 Fiber Optic Cable Fan Out Kits *(27 13 23 13)*

27 13 23 13-0027 Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0026)*

| | | | | |
|---|---|---|---|---|
| 27 13 23 13-0028 | EA | 6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable | 240.83 | |
| 27 13 23 13-0029 | EA | 12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable | 244.81 | |
| 27 13 23 13-0030 | EA | 6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable | 278.44 | |
| 27 13 23 13-0031 | EA | 12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable | 303.66 | |

27 13 23 13-0032 Spider Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0026)*

Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.

| | | | | |
|---|---|---|---|---|
| 27 13 23 13-0033 | EA | 6-Fiber, Spider Fan Out Kit For Fiber Optic Cable | 289.88 | |
| 27 13 23 13-0034 | EA | 12-Fiber, Spider Fan Out Kit For Fiber Optic Cable | 316.60 | |
| 27 13 23 13-0035 | EA | 18-Fiber, Spider Fan Out Kit For Fiber Optic Cable | 461.52 | |
| 27 13 23 13-0036 | EA | 24-Fiber, Spider Fan Out Kit For Fiber Optic Cable | 598.24 | |

## 27 15 Communications Horizontal Cabling *(27 10)*

### 27 15 01 Communications Horizontal Cabling Applications *(27 15)*

#### 27 15 01 13 Video Surveillance Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

#### 27 15 01 15 Access Control Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

#### 27 15 01 16 Voice Communications Horizontal Cabling *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

#### 27 15 01 17 Intrusion Detection Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.

#### 27 15 01 19 Fire Alarm Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 01 19-0001 Fire Alarm/Life Safety Cable *(27 15 01 19)*

27 15 01 19-0002 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*

27 15 01 19-0003 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0002)*

| | | | | |
|---|---|---|---|---|
| 27 15 01 19-0004 | MLF | 1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,825.21 | 748.39 |
| 27 15 01 19-0005 | MLF | 2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,253.49 | 775.45 |
| 27 15 01 19-0006 | MLF | 1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,081.48 | 850.68 |
| 27 15 01 19-0007 | MLF | 2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,765.29 | 881.05 |
| 27 15 01 19-0008 | MLF | 1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,393.50 | 952.32 |
| 27 15 01 19-0009 | MLF | 2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 3,368.20 | 986.63 |
| 27 15 01 19-0010 | MLF | 1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 3,077.16 | 1,088.93 |
| 27 15 01 19-0011 | MLF | 2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 4,592.75 | 1,127.76 |

27 15 01 19-0012 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0002)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 01 19-0013 | MLF | 1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,072.53 | 1,497.01 |
| 27 15 01 19-0014 | MLF | 2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,545.91 | 1,550.90 |
| 27 15 01 19-0015 | MLF | 1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,499.30 | 1,701.58 |
| 27 15 01 19-0016 | MLF | 2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,233.69 | 1,762.08 |
| 27 15 01 19-0017 | MLF | 1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,980.69 | 1,905.08 |
| 27 15 01 19-0018 | MLF | 2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 5,012.59 | 1,973.28 |
| 27 15 01 19-0019 | MLF | 1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,892.04 | 2,177.85 |
| 27 15 01 19-0020 | MLF | 2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 6,472.53 | 2,255.96 |
| **27 15 01 19-0021** | | **Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit** *(27 15 01 19-0001)* | | |
| 27 15 01 19-0022 | MLF | 2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,146.44 | 612.44 |
| 27 15 01 19-0023 | MLF | 4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,242.13 | 634.21 |
| 27 15 01 19-0024 | MLF | 2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,394.42 | 748.39 |
| 27 15 01 19-0025 | MLF | 3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,490.22 | 761.92 |
| 27 15 01 19-0026 | MLF | 4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,547.94 | 775.45 |
| 27 15 01 19-0027 | MLF | 6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,735.47 | 802.50 |
| 27 15 01 19-0028 | MLF | 8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,005.54 | 829.57 |
| 27 15 01 19-0029 | MLF | 2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,628.73 | 850.68 |
| 27 15 01 19-0030 | MLF | 4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,838.10 | 881.05 |
| 27 15 01 19-0031 | MLF | 2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,889.50 | 952.32 |
| 27 15 01 19-0032 | MLF | 4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,217.63 | 986.63 |
| 27 15 01 19-0033 | MLF | 2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,312.15 | 1,088.93 |
| 27 15 01 19-0034 | MLF | 4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,842.72 | 1,127.76 |
| **27 15 01 19-0035** | | **Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable** *(27 15 01 19-0001)* | | |
| **27 15 01 19-0036** | | **Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit** *(27 15 01 19-0035)* | | |
| 27 15 01 19-0037 | MLF | 2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,136.55 | 612.44 |
| 27 15 01 19-0038 | MLF | 2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,387.99 | 748.39 |
| 27 15 01 19-0039 | MLF | 3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,552.34 | 761.92 |
| 27 15 01 19-0040 | MLF | 4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,565.14 | 775.45 |
| 27 15 01 19-0041 | MLF | 6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,825.24 | 802.50 |
| 27 15 01 19-0042 | MLF | 2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,619.02 | 850.68 |
| 27 15 01 19-0043 | MLF | 4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,859.89 | 881.05 |
| 27 15 01 19-0044 | MLF | 2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,845.78 | 952.32 |
| 27 15 01 19-0045 | MLF | 4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,391.36 | 986.63 |
| 27 15 01 19-0046 | MLF | 2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,297.86 | 1,088.93 |
| 27 15 01 19-0047 | MLF | 4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 3,106.46 | 1,127.76 |
| **27 15 01 19-0048** | | **Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed** *(27 15 01 19-0035)* | | |
| 27 15 01 19-0049 | MLF | 2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,157.27 | 1,225.32 |
| 27 15 01 19-0050 | MLF | 2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,635.31 | 1,497.01 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 01 19-0051 | MLF | 3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,821.67 | 1,523.40 |
| 27 15 01 19-0052 | MLF | 4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,857.56 | 1,550.90 |
| 27 15 01 19-0053 | MLF | 6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,162.75 | 1,604.80 |
| 27 15 01 19-0054 | MLF | 2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,036.84 | 1,701.58 |
| 27 15 01 19-0055 | MLF | 4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,328.29 | 1,762.08 |
| 27 15 01 19-0056 | MLF | 2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,432.97 | 1,905.08 |
| 27 15 01 19-0057 | MLF | 4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,035.75 | 1,973.28 |
| 27 15 01 19-0058 | MLF | 2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,112.74 | 2,177.85 |
| 27 15 01 19-0059 | MLF | 4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,986.24 | 2,255.96 |
| 27 15 01 19-0060 | | Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)* | | |
| 27 15 01 19-0061 | | Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0060)* | | |
| 27 15 01 19-0062 | MLF | 2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,177.27 | 612.44 |
| 27 15 01 19-0063 | MLF | 2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,417.07 | 748.39 |
| 27 15 01 19-0064 | MLF | 3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,660.29 | 761.92 |
| 27 15 01 19-0065 | MLF | 4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,594.90 | 775.45 |
| 27 15 01 19-0066 | MLF | 6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,855.67 | 802.50 |
| 27 15 01 19-0067 | MLF | 2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,685.86 | 850.68 |
| 27 15 01 19-0068 | MLF | 4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,890.80 | 881.05 |
| 27 15 01 19-0069 | MLF | 2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,989.94 | 952.32 |
| 27 15 01 19-0070 | MLF | 4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,319.08 | 986.63 |
| 27 15 01 19-0071 | MLF | 2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,404.54 | 1,088.93 |
| 27 15 01 19-0072 | MLF | 4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,887.00 | 1,127.76 |
| 27 15 01 19-0073 | | Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0060)* | | |
| 27 15 01 19-0074 | MLF | 2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,197.99 | 1,225.32 |
| 27 15 01 19-0075 | MLF | 2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,664.39 | 1,497.01 |
| 27 15 01 19-0076 | MLF | 3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,929.62 | 1,523.40 |
| 27 15 01 19-0077 | MLF | 4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,887.32 | 1,550.90 |
| 27 15 01 19-0078 | MLF | 6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,193.18 | 1,604.80 |
| 27 15 01 19-0079 | MLF | 2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,103.68 | 1,701.58 |
| 27 15 01 19-0080 | MLF | 4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,359.20 | 1,762.08 |
| 27 15 01 19-0081 | MLF | 2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,577.13 | 1,905.08 |
| 27 15 01 19-0082 | MLF | 4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,963.47 | 1,973.28 |
| 27 15 01 19-0083 | MLF | 2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,219.42 | 2,177.85 |
| 27 15 01 19-0084 | MLF | 4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,766.78 | 2,255.96 |
| 27 15 01 19-0085 | | Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)* | | |
| 27 15 01 19-0086 | | Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0085)* | | |
| 27 15 01 19-0087 | MLF | 2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,150.00 | 612.44 |
| 27 15 01 19-0088 | MLF | 2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,451.75 | 748.39 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 01 19-0089 | MLF | 3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,575.41 | 761.92 |
| 27 15 01 19-0090 | MLF | 4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,679.12 | 775.45 |
| 27 15 01 19-0091 | MLF | 6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,906.50 | 802.50 |
| 27 15 01 19-0092 | MLF | 2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,677.05 | 850.68 |
| 27 15 01 19-0093 | MLF | 4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,989.10 | 881.05 |
| 27 15 01 19-0094 | MLF | 2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 1,971.90 | 952.32 |
| 27 15 01 19-0095 | MLF | 4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,536.36 | 986.63 |
| 27 15 01 19-0096 | MLF | 2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit | 2,381.86 | 1,088.93 |

### 27 15 01 19-0097 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0085)*

| | | | | |
|---|---|---|---|---|
| 27 15 01 19-0098 | MLF | 2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,170.72 | 1,225.32 |
| 27 15 01 19-0099 | MLF | 2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,699.07 | 1,497.01 |
| 27 15 01 19-0100 | MLF | 3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,844.74 | 1,523.40 |
| 27 15 01 19-0101 | MLF | 4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 2,971.54 | 1,550.90 |
| 27 15 01 19-0102 | MLF | 6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,244.01 | 1,604.80 |
| 27 15 01 19-0103 | MLF | 2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,094.87 | 1,701.58 |
| 27 15 01 19-0104 | MLF | 4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,457.50 | 1,762.08 |
| 27 15 01 19-0105 | MLF | 2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 3,559.09 | 1,905.08 |
| 27 15 01 19-0106 | MLF | 4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,180.75 | 1,973.28 |
| 27 15 01 19-0107 | MLF | 2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed | 4,196.74 | 2,177.85 |

## 27 15 13 Communications Copper Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

### 27 15 13 00-0001 Copper Telecommunications Cable *(27 15 13)*

### 27 15 13 00-0002 Indoor Telecommunications Cable *(27 15 13 00-0001)*

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

### 27 15 13 00-0003 Category 3, Indoor Telecommunications Cable *(27 15 13 00-0002)*

Note: Un-shielded twisted pair cables (UTP).

### 27 15 13 00-0004 Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0003)*

### 27 15 13 00-0005 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0004)*

### 27 15 13 00-0006 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0005)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0007 | MLF | 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 863.84 | 461.97 |
| 27 15 13 00-0008 | MLF | 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 903.90 | 461.97 |
| 27 15 13 00-0009 | MLF | 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 918.07 | 461.97 |
| 27 15 13 00-0010 | MLF | 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,107.78 | 527.97 |
| 27 15 13 00-0011 | MLF | 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,402.73 | 527.97 |
| 27 15 13 00-0012 | MLF | 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,871.07 | 527.97 |
| 27 15 13 00-0013 | MLF | 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 2,976.53 | 659.96 |
| 27 15 13 00-0014 | MLF | 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 5,378.05 | 1,055.93 |
| 27 15 13 00-0015 | MLF | 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 7,273.16 | 1,187.92 |
| 27 15 13 00-0016 | MLF | 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 9,654.01 | 1,319.92 |
| 27 15 13 00-0017 | MLF | 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 14,117.26 | 1,847.88 |
| 27 15 13 00-0018 | MLF | 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 18,498.41 | 2,283.45 |
| 27 15 13 00-0019 | MLF | 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 29,296.12 | 3,167.80 |
| 27 15 13 00-0020 | MLF | 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 47,628.15 | 6,335.59 |
| 27 15 13 00-0021 | MLF | 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 64,785.45 | 9,503.38 |

### 27 15 13 00-0022 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0005)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0023 | MLF | 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 1,633.79 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0024 | MLF | 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 1,673.85 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0025 | MLF | 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 1,688.02 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0026 | MLF | 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 1,767.74 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0027 | MLF | 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 2,062.69 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0028 | MLF | 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 2,751.02 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 13 00-0029 | MLF | 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 4,076.46 | 1,319.92 |
| | | *For Work In Restricted Working Space, Add* | *659.96* | |
| 27 15 13 00-0030 | MLF | 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 6,257.99 | 1,583.90 |
| | | *For Work In Restricted Working Space, Add* | *791.95* | |
| 27 15 13 00-0031 | MLF | 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 8,263.09 | 1,781.88 |
| | | *For Work In Restricted Working Space, Add* | *890.94* | |
| 27 15 13 00-0032 | MLF | 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 10,753.94 | 1,979.87 |
| | | *For Work In Restricted Working Space, Add* | *989.94* | |
| 27 15 13 00-0033 | MLF | 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 15,657.16 | 2,771.82 |
| | | *For Work In Restricted Working Space, Add* | *1,385.91* | |
| 27 15 13 00-0034 | MLF | 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 20,412.29 | 3,431.78 |
| | | *For Work In Restricted Working Space, Add* | *1,715.89* | |
| 27 15 13 00-0035 | MLF | 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 31,935.94 | 4,751.69 |
| | | *For Work In Restricted Working Space, Add* | *2,375.84* | |
| 27 15 13 00-0036 | MLF | 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 52,907.81 | 9,503.38 |
| | | *For Work In Restricted Working Space, Add* | *4,751.69* | |
| 27 15 13 00-0037 | MLF | 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 72,704.94 | 14,255.07 |
| | | *For Work In Restricted Working Space, Add* | *7,127.54* | |

### 27 15 13 00-0038 22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0004)*

### 27 15 13 00-0039 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0038)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0040 | MLF | 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 3,037.56 | 527.97 |
| 27 15 13 00-0041 | MLF | 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 4,524.87 | 659.96 |
| 27 15 13 00-0042 | MLF | 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 8,264.32 | 1,055.93 |
| 27 15 13 00-0043 | MLF | 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 14,681.33 | 1,319.92 |
| 27 15 13 00-0044 | MLF | 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 21,593.64 | 1,847.88 |
| 27 15 13 00-0045 | MLF | 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 28,127.80 | 2,283.45 |
| 27 15 13 00-0046 | MLF | 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit | 41,705.03 | 3,167.80 |

### 27 15 13 00-0047 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0038)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0048 | MLF | 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 3,917.51 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 13 00-0049 | MLF | 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 5,624.80 | 1,319.92 |
| | | *For Work In Restricted Working Space, Add* | *659.96* | |
| 27 15 13 00-0050 | MLF | 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 9,144.26 | 1,583.90 |
| | | *For Work In Restricted Working Space, Add* | *791.95* | |
| 27 15 13 00-0051 | MLF | 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 15,781.26 | 1,979.87 |
| | | *For Work In Restricted Working Space, Add* | *989.94* | |
| 27 15 13 00-0052 | MLF | 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 23,133.54 | 2,771.82 |
| | | *For Work In Restricted Working Space, Add* | *1,385.91* | |
| 27 15 13 00-0053 | MLF | 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 30,041.68 | 3,431.78 |
| | | *For Work In Restricted Working Space, Add* | *1,715.89* | |
| 27 15 13 00-0054 | MLF | 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed | 44,344.85 | 4,751.69 |
| | | *For Work In Restricted Working Space, Add* | *2,375.84* | |

### 27 15 13 00-0055 Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0003)*

### 27 15 13 00-0056 24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0055)*

### 27 15 13 00-0057 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0056)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0058 | MLF | 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 896.24 | 461.97 |
| 27 15 13 00-0059 | MLF | 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 936.15 | 461.97 |
| 27 15 13 00-0060 | MLF | 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 965.99 | 461.97 |
| 27 15 13 00-0061 | MLF | 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 1,161.60 | 527.97 |
| 27 15 13 00-0062 | MLF | 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 1,483.11 | 527.97 |
| 27 15 13 00-0063 | MLF | 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 2,354.64 | 527.97 |
| 27 15 13 00-0064 | MLF | 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 3,961.06 | 659.96 |
| 27 15 13 00-0065 | MLF | 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 7,440.90 | 1,055.93 |
| 27 15 13 00-0066 | MLF | 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 12,886.62 | 1,319.92 |
| 27 15 13 00-0067 | MLF | 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit | 19,312.53 | 1,847.88 |

### 27 15 13 00-0068 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0056)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0069 | MLF | 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 1,666.19 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0070 | MLF | 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 1,706.10 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0071 | MLF | 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 1,735.94 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0072 | MLF | 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 1,821.56 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0073 | MLF | 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 2,143.07 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0074 | MLF | 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 3,234.59 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 13 00-0075 | MLF | 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 5,060.99 | 1,319.92 |
| | | *For Work In Restricted Working Space, Add* | *659.96* | |
| 27 15 13 00-0076 | MLF | 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 8,320.84 | 1,583.90 |
| | | *For Work In Restricted Working Space, Add* | *791.95* | |
| 27 15 13 00-0077 | MLF | 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 13,986.55 | 1,979.87 |
| | | *For Work In Restricted Working Space, Add* | *989.94* | |
| 27 15 13 00-0078 | MLF | 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed | 20,852.43 | 2,771.82 |
| | | *For Work In Restricted Working Space, Add* | *1,385.91* | |
| 27 15 13 00-0079 | | Category 5E, Indoor Telecommunications Cable *(27 15 13 00-0002)* | | |
| 27 15 13 00-0080 | | Category 5E, Indoor Telecommunications Riser Cable *(27 15 13 00-0079)* | | |
| 27 15 13 00-0081 | | Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0080)* | | |
| 27 15 13 00-0082 | MLF | 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit | 989.96 | 461.97 |
| 27 15 13 00-0083 | MLF | 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,041.50 | 461.97 |
| 27 15 13 00-0084 | MLF | 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,152.48 | 527.97 |
| 27 15 13 00-0085 | MLF | 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,204.00 | 527.97 |
| 27 15 13 00-0086 | | Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0080)* | | |
| 27 15 13 00-0087 | MLF | 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed | 1,759.91 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0088 | MLF | 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed | 1,811.45 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0089 | MLF | 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed | 2,032.43 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 13 00-0090 | MLF | 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed | 2,083.95 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 13 00-0091 | | Category 5E, Indoor Telecommunications Plenum Cable *(27 15 13 00-0079)* | | |
| 27 15 13 00-0092 | | Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0091)* | | |
| 27 15 13 00-0093 | MLF | 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit | 1,179.48 | 461.97 |
| 27 15 13 00-0094 | MLF | 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit | 1,692.14 | 527.97 |
| 27 15 13 00-0095 | | Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0091)* | | |
| 27 15 13 00-0096 | MLF | 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed | 1,949.43 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0097 | MLF | 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed | 2,572.09 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 13 00-0098 | | Category 6, Indoor Telecommunications Cable *(27 15 13 00-0002)* | | |
| 27 15 13 00-0099 | | Category 6, Indoor Telecommunications Riser Cable *(27 15 13 00-0098)* | | |
| 27 15 13 00-0100 | | Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0099)* | | |
| 27 15 13 00-0101 | MLF | 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,380.51 | 461.97 |
| 27 15 13 00-0102 | MLF | 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,448.77 | 461.97 |
| 27 15 13 00-0103 | | Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0099)* | | |
| 27 15 13 00-0104 | MLF | 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed | 2,150.46 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0105 | MLF | 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed | 2,218.72 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0106 | | Category 6, Indoor Telecommunications Plenum Cable *(27 15 13 00-0098)* | | |
| 27 15 13 00-0107 | | Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0106)* | | |
| 27 15 13 00-0108 | MLF | 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit | 2,012.14 | 461.97 |
| 27 15 13 00-0109 | | Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0106)* | | |
| 27 15 13 00-0110 | MLF | 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed | 2,782.09 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0111 | | Category 6a, Indoor Telecommunications Cable *(27 15 13 00-0002)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0112 | | Category 6a, Indoor Telecommunications Riser Cable *(27 15 13 00-0111)* | | |
| 27 15 13 00-0113 | | Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0112)* | | |
| 27 15 13 00-0114 | MLF | 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit | 1,489.59 | 461.97 |
| 27 15 13 00-0115 | | Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0112)* | | |
| 27 15 13 00-0116 | MLF | 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed | 2,259.54 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0117 | | Category 6a, Indoor Telecommunications Plenum Cable *(27 15 13 00-0111)* | | |
| 27 15 13 00-0118 | | Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0117)* | | |
| 27 15 13 00-0119 | MLF | 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit | 2,334.99 | 461.97 |
| 27 15 13 00-0120 | | Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0117)* | | |
| 27 15 13 00-0121 | MLF | 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed | 3,104.94 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 13 00-0122 | | Category 7, Indoor Telecommunications Cable *(27 15 13 00-0002)* | | |
| 27 15 13 00-0123 | | Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0122)* | | |
| 27 15 13 00-0124 | MLF | 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit | 3,654.18 | 527.97 |
| 27 15 13 00-0125 | MLF | 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit | 7,652.03 | 527.97 |
| 27 15 13 00-0126 | | Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 15 13 00-0122)* | | |
| 27 15 13 00-0127 | MLF | 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed | 4,534.13 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 13 00-0128 | MLF | 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed | 8,531.98 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 13 00-0129 | | Outdoor Telecommunications Cable *(27 15 13 00-0001)*<br>Note: Cable buried in trench excludes excavation. | | |
| 27 15 13 00-0130 | | PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0129)*<br>Note: Includes foam-skin polyolefin insulated conductors. | | |
| 27 15 13 00-0131 | | 24 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0130)* | | |
| 27 15 13 00-0132 | | 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0131)* | | |
| 27 15 13 00-0133 | MLF | 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 1,530.92 | 527.97 |
| 27 15 13 00-0134 | MLF | 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 1,806.26 | 923.94 |
| 27 15 13 00-0135 | MLF | 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 2,509.39 | 593.96 |
| 27 15 13 00-0136 | MLF | 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 3,749.36 | 659.96 |
| 27 15 13 00-0137 | MLF | 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 5,312.45 | 923.94 |
| 27 15 13 00-0138 | MLF | 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 6,658.17 | 1,055.93 |
| 27 15 13 00-0139 | MLF | 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 11,274.68 | 1,187.92 |
| 27 15 13 00-0140 | MLF | 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 16,566.51 | 1,715.89 |
| 27 15 13 00-0141 | MLF | 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 21,943.90 | 2,243.86 |
| 27 15 13 00-0142 | MLF | 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 29,799.04 | 3,035.80 |
| 27 15 13 00-0143 | MLF | 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 47,382.54 | 6,071.60 |
| 27 15 13 00-0144 | MLF | 1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 64,934.33 | 8,975.41 |
| 27 15 13 00-0145 | | 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0131)* | | |
| 27 15 13 00-0146 | MLF | 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 1,365.93 | |
| 27 15 13 00-0147 | MLF | 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 1,641.27 | |
| 27 15 13 00-0148 | MLF | 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 2,289.41 | |
| 27 15 13 00-0149 | MLF | 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 3,529.37 | |
| 27 15 13 00-0150 | MLF | 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 4,982.47 | |
| 27 15 13 00-0151 | MLF | 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 6,108.20 | |
| 27 15 13 00-0152 | MLF | 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 11,054.70 | |
| 27 15 13 00-0153 | MLF | 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 15,906.55 | |
| 27 15 13 00-0154 | MLF | 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 20,568.99 | |
| 27 15 13 00-0155 | MLF | 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 27,379.20 | |
| 27 15 13 00-0156 | MLF | 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 40,782.97 | |
| 27 15 13 00-0157 | MLF | 1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 55,254.96 | |
| 27 15 13 00-0158 | | 22 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0130)* | | |
| 27 15 13 00-0159 | | 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0158)* | | |
| 27 15 13 00-0160 | MLF | 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 1,705.96 | 527.97 |
| 27 15 13 00-0161 | MLF | 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 2,133.29 | 527.97 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0162 | MLF | 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 3,178.80 | 593.96 |
| 27 15 13 00-0163 | MLF | 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 4,940.84 | 659.96 |
| 27 15 13 00-0164 | MLF | 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 7,174.40 | 923.94 |
| 27 15 13 00-0165 | MLF | 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 9,189.45 | 1,055.93 |
| 27 15 13 00-0166 | MLF | 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 16,157.88 | 1,187.92 |
| 27 15 13 00-0167 | MLF | 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 23,530.93 | 1,715.89 |
| 27 15 13 00-0168 | MLF | 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 31,332.54 | 2,243.86 |
| 27 15 13 00-0169 | MLF | 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 46,194.57 | 3,035.80 |
| 27 15 13 00-0170 | MLF | 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 68,088.73 | 6,071.60 |
| 27 15 13 00-0171 | MLF | 1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 95,912.69 | 8,975.41 |
| 27 15 13 00-0172 | | 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0158)* | | |
| 27 15 13 00-0173 | MLF | 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 1,540.97 | |
| 27 15 13 00-0174 | MLF | 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 1,968.30 | |
| 27 15 13 00-0175 | MLF | 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 2,958.82 | |
| 27 15 13 00-0176 | MLF | 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 4,720.85 | |
| 27 15 13 00-0177 | MLF | 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 6,844.42 | |
| 27 15 13 00-0178 | MLF | 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 8,859.46 | |
| 27 15 13 00-0179 | MLF | 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 15,937.90 | |
| 27 15 13 00-0180 | MLF | 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 22,870.97 | |
| 27 15 13 00-0181 | MLF | 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 29,957.63 | |
| 27 15 13 00-0182 | MLF | 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 43,774.73 | |
| 27 15 13 00-0183 | MLF | 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 61,489.16 | |
| 27 15 13 00-0184 | MLF | 1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 86,233.32 | |
| 27 15 13 00-0185 | | 19 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0130)* | | |
| 27 15 13 00-0186 | | 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0185)* | | |
| 27 15 13 00-0187 | MLF | 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 5,242.47 | 593.96 |
| 27 15 13 00-0188 | MLF | 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 8,974.64 | 659.96 |
| 27 15 13 00-0189 | MLF | 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 14,349.80 | 923.94 |
| 27 15 13 00-0190 | MLF | 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit | 17,179.25 | 1,055.93 |
| 27 15 13 00-0191 | | 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0185)* | | |
| 27 15 13 00-0192 | MLF | 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 5,022.49 | |
| 27 15 13 00-0193 | MLF | 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 8,754.65 | |
| 27 15 13 00-0194 | MLF | 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 14,019.82 | |
| 27 15 13 00-0195 | MLF | 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench | 16,849.26 | |
| 27 15 13 00-0196 | | PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0129)*<br>Note: Includes solid polyolefin insulated conductors. | | |
| 27 15 13 00-0197 | | 24 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0196)* | | |
| 27 15 13 00-0198 | | 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0197)* | | |
| 27 15 13 00-0199 | MLF | 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 2,215.49 | 923.94 |
| 27 15 13 00-0200 | MLF | 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 2,552.34 | 923.94 |
| 27 15 13 00-0201 | MLF | 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 3,231.93 | 923.94 |
| 27 15 13 00-0202 | MLF | 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 4,455.73 | 923.94 |
| 27 15 13 00-0203 | MLF | 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 6,937.79 | 923.94 |
| 27 15 13 00-0204 | MLF | 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 12,417.27 | 1,187.92 |
| 27 15 13 00-0205 | MLF | 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 18,125.05 | 1,715.89 |
| 27 15 13 00-0206 | MLF | 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 23,842.96 | 2,243.86 |
| 27 15 13 00-0207 | MLF | 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 32,571.82 | 3,035.80 |
| 27 15 13 00-0208 | MLF | 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 50,968.43 | 6,071.60 |
| 27 15 13 00-0209 | MLF | 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 74,234.67 | 8,975.41 |
| 27 15 13 00-0210 | | 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0197)* | | |
| 27 15 13 00-0211 | MLF | 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 1,885.51 | |
| 27 15 13 00-0212 | MLF | 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 2,222.36 | |
| 27 15 13 00-0213 | MLF | 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 2,901.95 | |
| 27 15 13 00-0214 | MLF | 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 4,125.75 | |
| 27 15 13 00-0215 | MLF | 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 6,607.81 | |
| 27 15 13 00-0216 | MLF | 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 12,197.29 | |
| 27 15 13 00-0217 | MLF | 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 17,465.09 | |
| 27 15 13 00-0218 | MLF | 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 22,468.05 | |
| 27 15 13 00-0219 | MLF | 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 30,151.98 | |
| 27 15 13 00-0220 | MLF | 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 44,368.86 | |
| 27 15 13 00-0221 | MLF | 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 64,555.30 | |
| 27 15 13 00-0222 | | 22 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0196)* | | |
| 27 15 13 00-0223 | | 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0222)* | | |
| 27 15 13 00-0224 | MLF | 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 2,410.23 | 923.94 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0225 | MLF | 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 2,905.22 | 923.94 |
| 27 15 13 00-0226 | MLF | 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 3,958.59 | 923.94 |
| 27 15 13 00-0227 | MLF | 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 5,896.41 | 923.94 |
| 27 15 13 00-0228 | MLF | 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 9,940.39 | 923.94 |
| 27 15 13 00-0229 | MLF | 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 18,195.70 | 1,187.92 |
| 27 15 13 00-0230 | MLF | 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 26,654.74 | 1,715.89 |
| 27 15 13 00-0231 | MLF | 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 34,159.45 | 2,243.86 |
| 27 15 13 00-0232 | MLF | 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 47,687.85 | 3,035.80 |
| 27 15 13 00-0233 | MLF | 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 75,444.78 | 6,071.60 |
| 27 15 13 00-0234 | | 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0222)* | | |
| 27 15 13 00-0235 | MLF | 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 2,080.25 | |
| 27 15 13 00-0236 | MLF | 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 2,575.24 | |
| 27 15 13 00-0237 | MLF | 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 3,628.61 | |
| 27 15 13 00-0238 | MLF | 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 5,566.43 | |
| 27 15 13 00-0239 | MLF | 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 9,610.41 | |
| 27 15 13 00-0240 | MLF | 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 17,975.72 | |
| 27 15 13 00-0241 | MLF | 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 25,994.78 | |
| 27 15 13 00-0242 | MLF | 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 32,784.54 | |
| 27 15 13 00-0243 | MLF | 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 45,268.01 | |
| 27 15 13 00-0244 | MLF | 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 68,845.21 | |
| 27 15 13 00-0245 | | 19 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0196)* | | |
| 27 15 13 00-0246 | | 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0245)* | | |
| 27 15 13 00-0247 | MLF | 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 6,292.04 | 923.94 |
| 27 15 13 00-0248 | MLF | 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 10,222.20 | 923.94 |
| 27 15 13 00-0249 | MLF | 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit | 18,371.95 | 923.94 |
| 27 15 13 00-0250 | | 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0245)* | | |
| 27 15 13 00-0251 | MLF | 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 5,962.06 | |
| 27 15 13 00-0252 | MLF | 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 9,892.22 | |
| 27 15 13 00-0253 | MLF | 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench | 18,041.97 | |
| 27 15 13 00-0254 | | (Aerial) Outdoor Telecommunications Cable *(27 15 13 00-0129)*<br>Note: Includes support wire. | | |
| 27 15 13 00-0255 | | 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0254)* | | |
| 27 15 13 00-0256 | MLF | 6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 6,606.22 | 1,881.70 |
| 27 15 13 00-0257 | MLF | 12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 6,886.50 | 1,881.70 |
| 27 15 13 00-0258 | MLF | 25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 7,582.38 | 1,881.70 |
| 27 15 13 00-0259 | MLF | 50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 8,870.78 | 1,881.70 |
| 27 15 13 00-0260 | MLF | 100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 11,359.30 | 1,881.70 |
| 27 15 13 00-0261 | MLF | 200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 16,755.42 | 2,069.87 |
| 27 15 13 00-0262 | MLF | 300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 22,182.32 | 2,258.04 |
| 27 15 13 00-0263 | | 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0254)* | | |
| 27 15 13 00-0264 | MLF | 6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 6,941.54 | 1,881.70 |
| 27 15 13 00-0265 | MLF | 12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 7,355.64 | 1,881.70 |
| 27 15 13 00-0266 | MLF | 25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 8,353.03 | 1,881.70 |
| 27 15 13 00-0267 | MLF | 50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 10,323.46 | 1,881.70 |
| 27 15 13 00-0268 | MLF | 100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 14,818.22 | 1,881.70 |
| 27 15 13 00-0269 | MLF | 200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 22,847.77 | 2,069.87 |
| 27 15 13 00-0270 | | 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0254)* | | |
| 27 15 13 00-0271 | MLF | 6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 7,384.87 | 1,881.70 |
| 27 15 13 00-0272 | MLF | 12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 8,321.33 | 1,881.70 |
| 27 15 13 00-0273 | MLF | 25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 10,162.56 | 1,881.70 |
| 27 15 13 00-0274 | MLF | 50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 13,845.04 | 1,881.70 |
| 27 15 13 00-0275 | MLF | 100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles | 21,402.68 | 1,881.70 |
| 27 15 13 00-0276 | | Solid Conductor Low Voltage Cable *(27 15 13)* | | |
| 27 15 13 00-0277 | | Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0276)* | | |
| 27 15 13 00-0278 | | #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0277)* | | |
| 27 15 13 00-0279 | MLF | 1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,142.64 | 994.79 |
| | | *For #10 AWG, Add* | *491.51* | |
| | | *For Work In Restricted Working Space, Add* | *497.44* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0280 | MLF | 2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,611.19 | 1,029.97 |
| | | *For #10 AWG, Add* | *638.47* | |
| | | *For Work In Restricted Working Space, Add* | *515.14* | |
| 27 15 13 00-0281 | MLF | 3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,022.03 | 1,066.14 |
| | | *For #10 AWG, Add* | *766.34* | |
| | | *For Work In Restricted Working Space, Add* | *532.92* | |
| 27 15 13 00-0282 | MLF | 4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,457.05 | 1,102.31 |
| | | *For #10 AWG, Add* | *901.92* | |
| | | *For Work In Restricted Working Space, Add* | *551.33* | |
| 27 15 13 00-0283 | MLF | 5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,932.54 | 1,176.67 |
| | | *For #10 AWG, Add* | *1,042.72* | |
| | | *For Work In Restricted Working Space, Add* | *588.51* | |
| 27 15 13 00-0284 | MLF | 6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,366.51 | 1,250.03 |
| | | *For #10 AWG, Add* | *1,170.04* | |
| | | *For Work In Restricted Working Space, Add* | *625.18* | |
| 27 15 13 00-0285 | MLF | 8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,734.49 | 1,398.74 |
| | | *For #10 AWG, Add* | *1,259.38* | |
| | | *For Work In Restricted Working Space, Add* | *699.24* | |
| 27 15 13 00-0286 | MLF | 12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,277.48 | 1,843.89 |
| | | *For #10 AWG, Add* | *1,672.14* | |
| | | *For Work In Restricted Working Space, Add* | *921.77* | |
| 27 15 13 00-0287 | MLF | 24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 9,344.76 | 2,723.13 |
| | | *For #10 AWG, Add* | *2,493.91* | |
| | | *For Work In Restricted Working Space, Add* | *1,361.22* | |

### 27 15 13 00-0288 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0277)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0289 | MLF | 1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,912.93 | 870.20 |
| | | *For Work In Restricted Working Space, Add* | *435.00* | |
| 27 15 13 00-0290 | MLF | 2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,356.50 | 901.34 |
| | | *For Work In Restricted Working Space, Add* | *450.67* | |
| 27 15 13 00-0291 | MLF | 3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,744.66 | 932.50 |
| | | *For Work In Restricted Working Space, Add* | *466.35* | |
| 27 15 13 00-0292 | MLF | 4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,154.94 | 964.65 |
| | | *For Work In Restricted Working Space, Add* | *482.33* | |
| 27 15 13 00-0293 | MLF | 5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,599.35 | 1,029.97 |
| | | *For Work In Restricted Working Space, Add* | *514.88* | |
| 27 15 13 00-0294 | MLF | 6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,003.72 | 1,094.28 |
| | | *For Work In Restricted Working Space, Add* | *546.84* | |
| 27 15 13 00-0295 | MLF | 8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,336.48 | 1,223.91 |
| | | *For Work In Restricted Working Space, Add* | *611.95* | |
| 27 15 13 00-0296 | MLF | 12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,750.15 | 1,612.78 |
| | | *For Work In Restricted Working Space, Add* | *806.39* | |
| 27 15 13 00-0297 | MLF | 24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 8,564.44 | 2,382.49 |
| | | *For Work In Restricted Working Space, Add* | *1,191.35* | |

### 27 15 13 00-0298 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0277)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0299 | MLF | 1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,702.89 | 776.74 |
| | | *For Work In Restricted Working Space, Add* | *388.57* | |
| 27 15 13 00-0300 | MLF | 2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,995.60 | 804.88 |
| | | *For Work In Restricted Working Space, Add* | *402.44* | |
| 27 15 13 00-0301 | MLF | 3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,435.74 | 833.02 |
| | | *For Work In Restricted Working Space, Add* | *416.31* | |
| 27 15 13 00-0302 | MLF | 4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,798.39 | 861.15 |
| | | *For Work In Restricted Working Space, Add* | *430.78* | |
| 27 15 13 00-0303 | MLF | 5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,190.63 | 919.43 |
| | | *For Work In Restricted Working Space, Add* | *459.72* | |
| 27 15 13 00-0304 | MLF | 6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,548.39 | 976.71 |
| | | *For Work In Restricted Working Space, Add* | *488.36* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0305 | MLF | 7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,695.80 | 1,035.00 |
| | | *For Work In Restricted Working Space, Add* | *517.30* | |
| 27 15 13 00-0306 | MLF | 8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,844.20 | 1,093.27 |
| | | *For Work In Restricted Working Space, Add* | *546.53* | |
| 27 15 13 00-0307 | MLF | 9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,296.84 | 1,162.60 |
| | | *For Work In Restricted Working Space, Add* | *581.20* | |
| 27 15 13 00-0308 | MLF | 12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,096.64 | 1,439.95 |
| | | *For Work In Restricted Working Space, Add* | *720.02* | |
| 27 15 13 00-0309 | MLF | 24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 7,590.45 | 2,127.26 |
| | | *For Work In Restricted Working Space, Add* | *1,063.68* | |

### 27 15 13 00-0310 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0277)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0311 | MLF | 1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,427.34 | 684.31 |
| | | *For Work In Restricted Working Space, Add* | *341.85* | |
| 27 15 13 00-0312 | MLF | 2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,711.85 | 708.41 |
| | | *For Work In Restricted Working Space, Add* | *354.21* | |
| 27 15 13 00-0313 | MLF | 3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,961.91 | 732.53 |
| | | *For Work In Restricted Working Space, Add* | *366.57* | |
| 27 15 13 00-0314 | MLF | 4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,225.12 | 757.65 |
| | | *For Work In Restricted Working Space, Add* | *378.93* | |
| 27 15 13 00-0315 | MLF | 5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,519.37 | 808.90 |
| | | *For Work In Restricted Working Space, Add* | *404.55* | |
| 27 15 13 00-0316 | MLF | 6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,788.98 | 859.14 |
| | | *For Work In Restricted Working Space, Add* | *429.87* | |
| 27 15 13 00-0317 | MLF | 8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,030.75 | 961.64 |
| | | *For Work In Restricted Working Space, Add* | *480.82* | |
| 27 15 13 00-0318 | MLF | 12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,016.20 | 1,267.12 |
| | | *For Work In Restricted Working Space, Add* | *633.65* | |
| 27 15 13 00-0319 | MLF | 24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,976.08 | 1,872.03 |
| | | *For Work In Restricted Working Space, Add* | *936.01* | |

### 27 15 13 00-0320 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0277)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0321 | MLF | 1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,257.20 | 622.00 |
| | | *For Work In Restricted Working Space, Add* | *310.80* | |
| 27 15 13 00-0322 | MLF | 2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,482.57 | 644.10 |
| | | *For Work In Restricted Working Space, Add* | *321.95* | |
| 27 15 13 00-0323 | MLF | 3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,679.05 | 666.72 |
| | | *For Work In Restricted Working Space, Add* | *333.11* | |
| 27 15 13 00-0324 | MLF | 4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,885.80 | 689.33 |
| | | *For Work In Restricted Working Space, Add* | *344.56* | |
| 27 15 13 00-0325 | MLF | 5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,125.20 | 735.55 |
| | | *For Work In Restricted Working Space, Add* | *367.62* | |
| 27 15 13 00-0326 | MLF | 6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,344.39 | 781.77 |
| | | *For Work In Restricted Working Space, Add* | *390.68* | |
| 27 15 13 00-0327 | MLF | 8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,570.40 | 874.22 |
| | | *For Work In Restricted Working Space, Add* | *437.11* | |
| 27 15 13 00-0328 | MLF | 12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,383.47 | 1,152.56 |
| | | *For Work In Restricted Working Space, Add* | *576.08* | |
| 27 15 13 00-0329 | MLF | 24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,031.49 | 1,702.21 |
| | | *For Work In Restricted Working Space, Add* | *851.00* | |
| 27 15 13 00-0330 | MLF | 25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,346.50 | 1,742.41 |
| | | *For Work In Restricted Working Space, Add* | *871.20* | |
| 27 15 13 00-0331 | MLF | 36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,374.24 | 2,028.79 |
| | | *For Work In Restricted Working Space, Add* | *1,014.40* | |
| 27 15 13 00-0332 | MLF | 40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,839.42 | 2,171.48 |
| | | *For Work In Restricted Working Space, Add* | *1,085.84* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0333 | MLF | 50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 8,169.35 | 2,714.09 |
| | | *For Work In Restricted Working Space, Add* | *1,356.84* | |
| 27 15 13 00-0334 | MLF | 100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 11,114.90 | 3,573.23 |
| | | *For Work In Restricted Working Space, Add* | *1,786.41* | |
| 27 15 13 00-0335 | | #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0277)* | | |
| 27 15 13 00-0336 | MLF | 1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,048.22 | 559.70 |
| | | *For Work In Restricted Working Space, Add* | *279.75* | |
| 27 15 13 00-0337 | MLF | 2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,124.01 | 579.79 |
| | | *For Work In Restricted Working Space, Add* | *289.70* | |
| 27 15 13 00-0338 | MLF | 3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,217.05 | 599.89 |
| | | *For Work In Restricted Working Space, Add* | *299.95* | |
| 27 15 13 00-0339 | MLF | 4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,318.19 | 620.00 |
| | | *For Work In Restricted Working Space, Add* | *310.19* | |
| 27 15 13 00-0340 | MLF | 5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,467.92 | 662.19 |
| | | *For Work In Restricted Working Space, Add* | *331.00* | |
| 27 15 13 00-0341 | MLF | 6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,619.41 | 701.38 |
| | | *For Work In Restricted Working Space, Add* | *350.89* | |
| 27 15 13 00-0342 | | Triad *(27 15 13 00-0277)* | | |
| 27 15 13 00-0343 | MLF | 1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit | 2,410.34 | 833.02 |
| 27 15 13 00-0344 | MLF | 4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit | 3,150.03 | 1,152.56 |
| 27 15 13 00-0345 | MLF | 8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit | 4,907.86 | 1,702.21 |
| 27 15 13 00-0346 | MLF | 12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit | 6,099.75 | 2,028.79 |
| 27 15 13 00-0347 | MLF | 24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit | 9,963.15 | 3,143.16 |
| 27 15 13 00-0348 | MLF | 36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit | 11,456.27 | 3,573.23 |
| 27 15 13 00-0349 | | Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0276)* | | |
| 27 15 13 00-0350 | | #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0349)* | | |
| 27 15 13 00-0351 | MLF | 1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,800.77 | 1,989.60 |
| | | *For #10 AWG, Add* | *823.14* | |
| | | *For Work In Restricted Working Space, Add* | *994.88* | |
| 27 15 13 00-0352 | MLF | 2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,328.31 | 2,059.94 |
| | | *For #10 AWG, Add* | *981.89* | |
| | | *For Work In Restricted Working Space, Add* | *1,030.27* | |
| 27 15 13 00-0353 | MLF | 3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,798.42 | 2,132.29 |
| | | *For #10 AWG, Add* | *1,121.62* | |
| | | *For Work In Restricted Working Space, Add* | *1,065.84* | |
| 27 15 13 00-0354 | MLF | 4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,294.81 | 2,204.63 |
| | | *For #10 AWG, Add* | *1,269.47* | |
| | | *For Work In Restricted Working Space, Add* | *1,102.65* | |
| 27 15 13 00-0355 | MLF | 5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,894.24 | 2,353.35 |
| | | *For #10 AWG, Add* | *1,435.06* | |
| | | *For Work In Restricted Working Space, Add* | *1,177.02* | |
| 27 15 13 00-0356 | MLF | 6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 6,450.44 | 2,500.06 |
| | | *For #10 AWG, Add* | *1,586.82* | |
| | | *For Work In Restricted Working Space, Add* | *1,250.36* | |
| 27 15 13 00-0357 | MLF | 8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 7,065.30 | 2,797.49 |
| | | *For #10 AWG, Add* | *1,725.54* | |
| | | *For Work In Restricted Working Space, Add* | *1,398.48* | |
| 27 15 13 00-0358 | MLF | 12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 9,350.04 | 3,687.79 |
| | | *For #10 AWG, Add* | *2,286.65* | |
| | | *For Work In Restricted Working Space, Add* | *1,843.54* | |
| 27 15 13 00-0359 | MLF | 24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 13,882.14 | 5,446.27 |
| | | *For #10 AWG, Add* | *3,401.39* | |
| | | *For Work In Restricted Working Space, Add* | *2,722.43* | |
| 27 15 13 00-0360 | | #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0349)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0361 | MLF | 1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,362.92 | 1,740.39 |
| | | *For Work In Restricted Working Space, Add* | *870.00* | |
| 27 15 13 00-0362 | MLF | 2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,858.75 | 1,802.70 |
| | | *For Work In Restricted Working Space, Add* | *901.35* | |
| 27 15 13 00-0363 | MLF | 3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,299.15 | 1,865.00 |
| | | *For Work In Restricted Working Space, Add* | *932.70* | |
| 27 15 13 00-0364 | MLF | 4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,762.70 | 1,929.31 |
| | | *For Work In Restricted Working Space, Add* | *964.65* | |
| 27 15 13 00-0365 | MLF | 5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,315.64 | 2,059.94 |
| | | *For Work In Restricted Working Space, Add* | *1,029.77* | |
| 27 15 13 00-0366 | MLF | 6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,826.51 | 2,188.55 |
| | | *For Work In Restricted Working Space, Add* | *1,093.67* | |
| 27 15 13 00-0367 | MLF | 8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 6,376.32 | 2,447.81 |
| | | *For Work In Restricted Working Space, Add* | *1,223.90* | |
| 27 15 13 00-0368 | MLF | 12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 8,438.10 | 3,225.56 |
| | | *For Work In Restricted Working Space, Add* | *1,612.77* | |
| 27 15 13 00-0369 | MLF | 24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 12,535.60 | 4,764.99 |
| | | *For Work In Restricted Working Space, Add* | *2,382.69* | |

### 27 15 13 00-0370 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0349)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0371 | MLF | 1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,998.14 | 1,553.50 |
| | | *For Work In Restricted Working Space, Add* | *777.15* | |
| 27 15 13 00-0372 | MLF | 2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,337.08 | 1,609.77 |
| | | *For Work In Restricted Working Space, Add* | *804.88* | |
| 27 15 13 00-0373 | MLF | 3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,823.44 | 1,666.03 |
| | | *For Work In Restricted Working Space, Add* | *832.62* | |
| 27 15 13 00-0374 | MLF | 4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,234.31 | 1,722.31 |
| | | *For Work In Restricted Working Space, Add* | *861.56* | |
| 27 15 13 00-0375 | MLF | 5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,723.02 | 1,838.87 |
| | | *For Work In Restricted Working Space, Add* | *919.43* | |
| 27 15 13 00-0376 | MLF | 6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,176.23 | 1,953.42 |
| | | *For Work In Restricted Working Space, Add* | *976.71* | |
| 27 15 13 00-0377 | MLF | 7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,420.11 | 2,069.98 |
| | | *For Work In Restricted Working Space, Add* | *1,034.59* | |
| 27 15 13 00-0378 | MLF | 8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,666.00 | 2,186.55 |
| | | *For Work In Restricted Working Space, Add* | *1,093.07* | |
| 27 15 13 00-0379 | MLF | 9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 6,234.18 | 2,325.22 |
| | | *For Work In Restricted Working Space, Add* | *1,162.40* | |
| 27 15 13 00-0380 | MLF | 12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 7,496.72 | 2,879.89 |
| | | *For Work In Restricted Working Space, Add* | *1,440.05* | |
| 27 15 13 00-0381 | MLF | 24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 11,136.06 | 4,254.52 |
| | | *For Work In Restricted Working Space, Add* | *2,127.36* | |

### 27 15 13 00-0382 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0349)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0383 | MLF | 1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,566.83 | 1,368.60 |
| | | *For Work In Restricted Working Space, Add* | *683.70* | |
| 27 15 13 00-0384 | MLF | 2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,892.55 | 1,416.84 |
| | | *For Work In Restricted Working Space, Add* | *708.42* | |
| 27 15 13 00-0385 | MLF | 3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,183.81 | 1,465.07 |
| | | *For Work In Restricted Working Space, Add* | *733.14* | |
| 27 15 13 00-0386 | MLF | 4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,488.20 | 1,515.31 |
| | | *For Work In Restricted Working Space, Add* | *757.85* | |
| 27 15 13 00-0387 | MLF | 5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,867.88 | 1,617.81 |
| | | *For Work In Restricted Working Space, Add* | *809.10* | |
| 27 15 13 00-0388 | MLF | 6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,221.89 | 1,718.29 |
| | | *For Work In Restricted Working Space, Add* | *859.75* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0389 | MLF | 8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,633.48 | 1,923.27 |
| | | *For Work In Restricted Working Space, Add* | *961.64* | |
| 27 15 13 00-0390 | MLF | 12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 6,128.39 | 2,534.22 |
| | | *For Work In Restricted Working Space, Add* | *1,267.31* | |
| 27 15 13 00-0391 | MLF | 24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 9,096.11 | 3,744.06 |
| | | *For Work In Restricted Working Space, Add* | *1,872.02* | |

### 27 15 13 00-0392 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0349)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0393 | MLF | 1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,293.19 | 1,244.00 |
| | | *For Work In Restricted Working Space, Add* | *621.60* | |
| 27 15 13 00-0394 | MLF | 2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,555.76 | 1,288.22 |
| | | *For Work In Restricted Working Space, Add* | *643.91* | |
| 27 15 13 00-0395 | MLF | 3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,789.41 | 1,333.43 |
| | | *For Work In Restricted Working Space, Add* | *666.22* | |
| 27 15 13 00-0396 | MLF | 4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,034.34 | 1,378.65 |
| | | *For Work In Restricted Working Space, Add* | *689.12* | |
| 27 15 13 00-0397 | MLF | 5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,350.61 | 1,471.10 |
| | | *For Work In Restricted Working Space, Add* | *735.25* | |
| 27 15 13 00-0398 | MLF | 6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,646.67 | 1,563.55 |
| | | *For Work In Restricted Working Space, Add* | *781.37* | |
| 27 15 13 00-0399 | MLF | 8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,027.43 | 1,748.43 |
| | | *For Work In Restricted Working Space, Add* | *874.22* | |
| 27 15 13 00-0400 | MLF | 12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,303.74 | 2,305.12 |
| | | *For Work In Restricted Working Space, Add* | *1,152.16* | |
| 27 15 13 00-0401 | MLF | 24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 7,868.16 | 3,404.42 |
| | | *For Work In Restricted Working Space, Add* | *1,702.01* | |
| 27 15 13 00-0402 | MLF | 25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 8,250.49 | 3,484.81 |
| | | *For Work In Restricted Working Space, Add* | *1,742.40* | |
| 27 15 13 00-0403 | MLF | 36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 9,755.56 | 4,057.57 |
| | | *For Work In Restricted Working Space, Add* | *2,028.79* | |
| 27 15 13 00-0404 | MLF | 40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 10,458.86 | 4,342.94 |
| | | *For Work In Restricted Working Space, Add* | *2,171.67* | |
| 27 15 13 00-0405 | MLF | 50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 12,692.14 | 5,428.18 |
| | | *For Work In Restricted Working Space, Add* | *2,713.68* | |
| 27 15 13 00-0406 | MLF | 100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 17,069.57 | 7,146.47 |
| | | *For Work In Restricted Working Space, Add* | *3,572.81* | |

### 27 15 13 00-0407 #22 AWG, Shielded, Low Voltage Cable, Installed Exposed *(27 15 13 00-0349)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0408 | MLF | 1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 1,980.72 | 1,119.40 |
| | | *For Work In Restricted Working Space, Add* | *559.50* | |
| 27 15 13 00-0409 | MLF | 2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,089.67 | 1,159.60 |
| | | *For Work In Restricted Working Space, Add* | *579.40* | |
| 27 15 13 00-0410 | MLF | 3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,216.88 | 1,199.79 |
| | | *For Work In Restricted Working Space, Add* | *599.90* | |
| 27 15 13 00-0411 | MLF | 4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,352.19 | 1,239.98 |
| | | *For Work In Restricted Working Space, Add* | *620.39* | |
| 27 15 13 00-0412 | MLF | 5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,571.25 | 1,324.39 |
| | | *For Work In Restricted Working Space, Add* | *662.00* | |
| 27 15 13 00-0413 | MLF | 6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,789.06 | 1,402.77 |
| | | *For Work In Restricted Working Space, Add* | *701.79* | |

### 27 15 13 00-0414 Triad, Installed Exposed *(27 15 13 00-0349)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0415 | MLF | 1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed | 2,410.34 | 833.02 |
| 27 15 13 00-0416 | MLF | 4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed | 3,150.03 | 1,152.56 |
| 27 15 13 00-0417 | MLF | 8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed | 4,907.86 | 1,702.21 |
| 27 15 13 00-0418 | MLF | 12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed | 6,099.75 | 2,028.79 |
| 27 15 13 00-0419 | MLF | 24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed | 9,963.15 | 3,143.16 |
| 27 15 13 00-0420 | MLF | 36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed | 11,456.27 | 3,573.23 |


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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 27 15 13 00-0421 | | Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0276)* | | | |
| 27 15 13 00-0422 | | #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0421)* | | | |
| 27 15 13 00-0423 | MLF | 1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 1,685.17 | 870.20 |
| | | *For Work In Restricted Working Space, Add* | | *435.00* | |
| 27 15 13 00-0424 | MLF | 2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 1,936.22 | 901.34 |
| | | *For Work In Restricted Working Space, Add* | | *450.67* | |
| 27 15 13 00-0425 | MLF | 3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,159.12 | 932.50 |
| | | *For Work In Restricted Working Space, Add* | | *466.35* | |
| 27 15 13 00-0426 | MLF | 4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,393.75 | 964.65 |
| | | *For Work In Restricted Working Space, Add* | | *482.33* | |
| 27 15 13 00-0427 | MLF | 5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,670.90 | 1,028.96 |
| | | *For Work In Restricted Working Space, Add* | | *514.28* | |
| 27 15 13 00-0428 | MLF | 6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,929.74 | 1,093.27 |
| | | *For Work In Restricted Working Space, Add* | | *546.54* | |
| 27 15 13 00-0429 | MLF | 8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 3,206.56 | 1,223.91 |
| | | *For Work In Restricted Working Space, Add* | | *611.95* | |
| 27 15 13 00-0430 | MLF | 12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 4,243.60 | 1,612.78 |
| | | *For Work In Restricted Working Space, Add* | | *806.39* | |
| 27 15 13 00-0431 | MLF | 24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 6,304.61 | 2,382.49 |
| | | *For Work In Restricted Working Space, Add* | | *1,191.35* | |
| 27 15 13 00-0432 | | #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0421)* | | | |
| 27 15 13 00-0433 | MLF | 1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 1,502.33 | 776.74 |
| | | *For Work In Restricted Working Space, Add* | | *388.57* | |
| 27 15 13 00-0434 | MLF | 2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 1,723.62 | 804.88 |
| | | *For Work In Restricted Working Space, Add* | | *402.44* | |
| 27 15 13 00-0435 | MLF | 3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 1,920.11 | 833.02 |
| | | *For Work In Restricted Working Space, Add* | | *416.31* | |
| 27 15 13 00-0436 | MLF | 4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,128.08 | 861.15 |
| | | *For Work In Restricted Working Space, Add* | | *430.78* | |
| 27 15 13 00-0437 | MLF | 5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,373.80 | 918.43 |
| | | *For Work In Restricted Working Space, Add* | | *459.42* | |
| 27 15 13 00-0438 | MLF | 6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,603.51 | 976.71 |
| | | *For Work In Restricted Working Space, Add* | | *488.36* | |
| 27 15 13 00-0439 | MLF | 7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,725.86 | 1,035.00 |
| | | *For Work In Restricted Working Space, Add* | | *517.30* | |
| 27 15 13 00-0440 | MLF | 8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 2,915.61 | 1,093.27 |
| | | *For Work In Restricted Working Space, Add* | | *546.53* | |
| 27 15 13 00-0441 | MLF | 9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 3,213.38 | 1,162.60 |
| | | *For Work In Restricted Working Space, Add* | | *581.17* | |
| 27 15 13 00-0442 | MLF | 12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 3,769.97 | 1,439.95 |
| | | *For Work In Restricted Working Space, Add* | | *720.02* | |
| 27 15 13 00-0443 | MLF | 24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 5,600.93 | 2,127.26 |
| | | *For Work In Restricted Working Space, Add* | | *1,063.83* | |
| 27 15 13 00-0444 | | #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0421)* | | | |
| 27 15 13 00-0445 | MLF | 1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 1,312.34 | 683.29 |
| | | *For Work In Restricted Working Space, Add* | | *341.85* | |
| 27 15 13 00-0446 | MLF | 2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 1,490.61 | 708.41 |
| | | *For Work In Restricted Working Space, Add* | | *354.21* | |
| 27 15 13 00-0447 | MLF | 3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | | 1,603.33 | 733.54 |
| | | *For Work In Restricted Working Space, Add* | | *366.57* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0448 | MLF | 4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,751.82 | 757.65 |
| | | *For Work In Restricted Working Space, Add* | *378.93* | |
| 27 15 13 00-0449 | MLF | 5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,932.58 | 808.90 |
| | | *For Work In Restricted Working Space, Add* | *404.55* | |
| 27 15 13 00-0450 | MLF | 6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,112.35 | 860.15 |
| | | *For Work In Restricted Working Space, Add* | *429.87* | |
| 27 15 13 00-0451 | MLF | 8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,532.49 | 961.64 |
| | | *For Work In Restricted Working Space, Add* | *480.82* | |
| 27 15 13 00-0452 | MLF | 12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,291.56 | 1,267.12 |
| | | *For Work In Restricted Working Space, Add* | *633.65* | |
| 27 15 13 00-0453 | MLF | 24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,408.17 | 1,872.03 |
| | | *For Work In Restricted Working Space, Add* | *936.01* | |

### 27 15 13 00-0454 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0421)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0455 | MLF | 1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,158.00 | 622.00 |
| | | *For Work In Restricted Working Space, Add* | *310.80* | |
| 27 15 13 00-0456 | MLF | 2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,281.15 | 644.10 |
| | | *For Work In Restricted Working Space, Add* | *321.95* | |
| 27 15 13 00-0457 | MLF | 3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,510.79 | 733.54 |
| | | *For Work In Restricted Working Space, Add* | *366.57* | |
| 27 15 13 00-0458 | MLF | 4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,659.73 | 771.12 |
| | | *For Work In Restricted Working Space, Add* | *385.56* | |
| 27 15 13 00-0459 | MLF | 5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,805.61 | 808.90 |
| | | *For Work In Restricted Working Space, Add* | *404.55* | |
| 27 15 13 00-0460 | MLF | 6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,962.32 | 860.15 |
| | | *For Work In Restricted Working Space, Add* | *429.87* | |
| 27 15 13 00-0461 | MLF | 8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,161.31 | 957.22 |
| | | *For Work In Restricted Working Space, Add* | *478.71* | |
| 27 15 13 00-0462 | MLF | 12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,663.59 | 1,152.56 |
| | | *For Work In Restricted Working Space, Add* | *576.08* | |
| 27 15 13 00-0463 | MLF | 24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,951.67 | 1,702.21 |
| | | *For Work In Restricted Working Space, Add* | *851.00* | |
| 27 15 13 00-0464 | MLF | 25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,144.82 | 1,742.41 |
| | | *For Work In Restricted Working Space, Add* | *871.20* | |
| 27 15 13 00-0465 | MLF | 36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,901.77 | 2,028.79 |
| | | *For Work In Restricted Working Space, Add* | *1,014.40* | |
| 27 15 13 00-0466 | MLF | 40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,255.24 | 2,171.48 |
| | | *For Work In Restricted Working Space, Add* | *1,085.84* | |
| 27 15 13 00-0467 | MLF | 50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,375.30 | 2,714.09 |
| | | *For Work In Restricted Working Space, Add* | *1,356.84* | |
| 27 15 13 00-0468 | MLF | 100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 8,576.15 | 3,573.23 |
| | | *For Work In Restricted Working Space, Add* | *1,786.41* | |

### 27 15 13 00-0469 #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0421)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0470 | MLF | 1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,013.39 | 559.70 |
| | | *For Work In Restricted Working Space, Add* | *279.75* | |
| 27 15 13 00-0471 | MLF | 2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,076.35 | 579.79 |
| | | *For Work In Restricted Working Space, Add* | *289.70* | |
| 27 15 13 00-0472 | MLF | 3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,157.20 | 599.89 |
| | | *For Work In Restricted Working Space, Add* | *299.95* | |
| 27 15 13 00-0473 | MLF | 4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,244.97 | 620.00 |
| | | *For Work In Restricted Working Space, Add* | *310.19* | |
| 27 15 13 00-0474 | MLF | 5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,364.46 | 662.19 |
| | | *For Work In Restricted Working Space, Add* | *331.00* | |
| 27 15 13 00-0475 | MLF | 6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,491.78 | 701.38 |
| | | *For Work In Restricted Working Space, Add* | *350.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0476 | | Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0276)* | | |
| 27 15 13 00-0477 | | #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0476)* | | |
| 27 15 13 00-0478 | MLF | 1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,135.16 | 1,740.39 |
| | | *For Work In Restricted Working Space, Add* | *870.00* | |
| 27 15 13 00-0479 | MLF | 2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,438.47 | 1,802.70 |
| | | *For Work In Restricted Working Space, Add* | *901.35* | |
| 27 15 13 00-0480 | MLF | 3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,713.61 | 1,865.00 |
| | | *For Work In Restricted Working Space, Add* | *932.70* | |
| 27 15 13 00-0481 | MLF | 4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,001.51 | 1,929.31 |
| | | *For Work In Restricted Working Space, Add* | *964.65* | |
| 27 15 13 00-0482 | MLF | 5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,385.17 | 2,057.93 |
| | | *For Work In Restricted Working Space, Add* | *1,028.56* | |
| 27 15 13 00-0483 | MLF | 6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,751.53 | 2,186.55 |
| | | *For Work In Restricted Working Space, Add* | *1,093.07* | |
| 27 15 13 00-0484 | MLF | 8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,246.40 | 2,447.81 |
| | | *For Work In Restricted Working Space, Add* | *1,223.90* | |
| 27 15 13 00-0485 | MLF | 12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 6,931.55 | 3,225.56 |
| | | *For Work In Restricted Working Space, Add* | *1,612.77* | |
| 27 15 13 00-0486 | MLF | 24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 10,275.77 | 4,764.99 |
| | | *For Work In Restricted Working Space, Add* | *2,382.69* | |
| 27 15 13 00-0487 | | #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0476)* | | |
| 27 15 13 00-0488 | MLF | 1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,797.58 | 1,553.50 |
| | | *For Work In Restricted Working Space, Add* | *777.15* | |
| 27 15 13 00-0489 | MLF | 2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,065.10 | 1,609.77 |
| | | *For Work In Restricted Working Space, Add* | *804.88* | |
| 27 15 13 00-0490 | MLF | 3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,307.81 | 1,666.03 |
| | | *For Work In Restricted Working Space, Add* | *832.62* | |
| 27 15 13 00-0491 | MLF | 4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,564.00 | 1,722.31 |
| | | *For Work In Restricted Working Space, Add* | *861.56* | |
| 27 15 13 00-0492 | MLF | 5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,905.18 | 1,836.86 |
| | | *For Work In Restricted Working Space, Add* | *918.83* | |
| 27 15 13 00-0493 | MLF | 6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,231.35 | 1,953.42 |
| | | *For Work In Restricted Working Space, Add* | *976.71* | |
| 27 15 13 00-0494 | MLF | 7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,450.17 | 2,069.98 |
| | | *For Work In Restricted Working Space, Add* | *1,034.59* | |
| 27 15 13 00-0495 | MLF | 8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,737.41 | 2,186.55 |
| | | *For Work In Restricted Working Space, Add* | *1,093.07* | |
| 27 15 13 00-0496 | MLF | 9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,150.62 | 2,325.22 |
| | | *For Work In Restricted Working Space, Add* | *1,162.34* | |
| 27 15 13 00-0497 | MLF | 12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 6,170.04 | 2,879.89 |
| | | *For Work In Restricted Working Space, Add* | *1,440.05* | |
| 27 15 13 00-0498 | MLF | 24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 9,147.03 | 4,254.52 |
| | | *For Work In Restricted Working Space, Add* | *2,127.66* | |
| 27 15 13 00-0499 | | #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0476)* | | |
| 27 15 13 00-0500 | MLF | 1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,451.83 | 1,366.59 |
| | | *For Work In Restricted Working Space, Add* | *683.70* | |
| 27 15 13 00-0501 | MLF | 2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,671.31 | 1,416.84 |
| | | *For Work In Restricted Working Space, Add* | *708.42* | |
| 27 15 13 00-0502 | MLF | 3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,825.23 | 1,467.08 |
| | | *For Work In Restricted Working Space, Add* | *733.14* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0503 | MLF | 4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,014.90 | 1,515.31 |
| | | *For Work In Restricted Working Space, Add* | *757.85* | |
| 27 15 13 00-0504 | MLF | 5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,281.09 | 1,617.81 |
| | | *For Work In Restricted Working Space, Add* | *809.10* | |
| 27 15 13 00-0505 | MLF | 6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,545.26 | 1,720.29 |
| | | *For Work In Restricted Working Space, Add* | *859.75* | |
| 27 15 13 00-0506 | MLF | 8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,135.22 | 1,923.27 |
| | | *For Work In Restricted Working Space, Add* | *961.64* | |
| 27 15 13 00-0507 | MLF | 12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 5,403.75 | 2,534.22 |
| | | *For Work In Restricted Working Space, Add* | *1,267.31* | |
| 27 15 13 00-0508 | MLF | 24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 7,528.20 | 3,744.06 |
| | | *For Work In Restricted Working Space, Add* | *1,872.02* | |
| **27 15 13 00-0509** | | **#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0476)* | | |
| 27 15 13 00-0510 | MLF | 1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,193.99 | 1,244.00 |
| | | *For Work In Restricted Working Space, Add* | *621.60* | |
| 27 15 13 00-0511 | MLF | 2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,354.34 | 1,288.22 |
| | | *For Work In Restricted Working Space, Add* | *643.91* | |
| 27 15 13 00-0512 | MLF | 3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,732.69 | 1,467.08 |
| | | *For Work In Restricted Working Space, Add* | *733.14* | |
| 27 15 13 00-0513 | MLF | 4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,944.92 | 1,542.24 |
| | | *For Work In Restricted Working Space, Add* | *771.12* | |
| 27 15 13 00-0514 | MLF | 5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,154.12 | 1,617.81 |
| | | *For Work In Restricted Working Space, Add* | *809.10* | |
| 27 15 13 00-0515 | MLF | 6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,395.23 | 1,720.29 |
| | | *For Work In Restricted Working Space, Add* | *859.75* | |
| 27 15 13 00-0516 | MLF | 8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 3,757.00 | 1,914.44 |
| | | *For Work In Restricted Working Space, Add* | *957.42* | |
| 27 15 13 00-0517 | MLF | 12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 4,583.86 | 2,305.12 |
| | | *For Work In Restricted Working Space, Add* | *1,152.16* | |
| 27 15 13 00-0518 | MLF | 24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 6,788.34 | 3,404.42 |
| | | *For Work In Restricted Working Space, Add* | *1,702.01* | |
| 27 15 13 00-0519 | MLF | 25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 7,048.81 | 3,484.81 |
| | | *For Work In Restricted Working Space, Add* | *1,742.40* | |
| 27 15 13 00-0520 | MLF | 36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 8,283.09 | 4,057.57 |
| | | *For Work In Restricted Working Space, Add* | *2,028.79* | |
| 27 15 13 00-0521 | MLF | 40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 8,874.68 | 4,342.94 |
| | | *For Work In Restricted Working Space, Add* | *2,171.67* | |
| 27 15 13 00-0522 | MLF | 50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 10,898.09 | 5,428.18 |
| | | *For Work In Restricted Working Space, Add* | *2,713.68* | |
| 27 15 13 00-0523 | MLF | 100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 14,530.82 | 7,146.47 |
| | | *For Work In Restricted Working Space, Add* | *3,572.81* | |
| **27 15 13 00-0524** | | **#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0476)* | | |
| 27 15 13 00-0525 | MLF | 1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 1,945.89 | 1,119.40 |
| | | *For Work In Restricted Working Space, Add* | *559.50* | |
| 27 15 13 00-0526 | MLF | 2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,042.01 | 1,159.60 |
| | | *For Work In Restricted Working Space, Add* | *579.40* | |
| 27 15 13 00-0527 | MLF | 3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,157.03 | 1,199.79 |
| | | *For Work In Restricted Working Space, Add* | *599.90* | |
| 27 15 13 00-0528 | MLF | 4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,278.97 | 1,239.98 |
| | | *For Work In Restricted Working Space, Add* | *620.39* | |
| 27 15 13 00-0529 | MLF | 5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,467.79 | 1,324.39 |
| | | *For Work In Restricted Working Space, Add* | *662.00* | |
| 27 15 13 00-0530 | MLF | 6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed | 2,661.43 | 1,402.77 |
| | | *For Work In Restricted Working Space, Add* | *701.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **27 15 13 00-0531** | | **Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench** *(27 15 13 00-0276)* Note: Excludes excavation. | | |
| 27 15 13 00-0532 | MLF | 1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench | 1,819.03 | |
| 27 15 13 00-0533 | MLF | 2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench | 2,257.94 | |
| 27 15 13 00-0534 | MLF | 3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench | 2,642.68 | |
| 27 15 13 00-0535 | MLF | 4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench | 3,050.20 | |
| 27 15 13 00-0536 | MLF | 5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench | 3,487.11 | |
| 27 15 13 00-0537 | MLF | 6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench | 3,885.13 | |
| **27 15 13 00-0538** | | **Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)** *(27 15 13 00-0276)* | | |
| 27 15 13 00-0539 | MLF | 1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) | 1,914.09 | 548.87 |
| 27 15 13 00-0540 | MLF | 2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) | 2,409.08 | 588.03 |
| 27 15 13 00-0541 | MLF | 3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) | 3,155.61 | 743.39 |
| 27 15 13 00-0542 | MLF | 4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) | 3,820.55 | 859.82 |
| 27 15 13 00-0543 | MLF | 5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) | 6,224.04 | 980.01 |
| 27 15 13 00-0544 | MLF | 6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) | 7,517.91 | 1,252.03 |
| **27 15 13 00-0545** | | **Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0276)* | | |
| 27 15 13 00-0546 | MLF | 1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,501.94 | 776.74 |
| 27 15 13 00-0547 | MLF | 2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,829.01 | 804.88 |
| 27 15 13 00-0548 | MLF | 3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,058.56 | 833.02 |
| 27 15 13 00-0549 | MLF | 4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,179.93 | 861.15 |
| 27 15 13 00-0550 | MLF | 5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,629.38 | 918.43 |
| 27 15 13 00-0551 | MLF | 6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,846.73 | 976.71 |
| 27 15 13 00-0552 | MLF | 8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,576.96 | 1,093.27 |
| 27 15 13 00-0553 | MLF | 12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,434.61 | 1,439.95 |
| 27 15 13 00-0554 | MLF | 24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,739.54 | 2,127.26 |
| 27 15 13 00-0555 | MLF | 1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,296.21 | 683.29 |
| 27 15 13 00-0556 | MLF | 2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,564.60 | 708.41 |
| 27 15 13 00-0557 | MLF | 3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,786.19 | 733.54 |
| 27 15 13 00-0558 | MLF | 4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,894.67 | 757.65 |
| 27 15 13 00-0559 | MLF | 5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,278.42 | 808.90 |
| 27 15 13 00-0560 | MLF | 6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,563.95 | 860.15 |
| 27 15 13 00-0561 | MLF | 8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,897.09 | 961.64 |
| 27 15 13 00-0562 | MLF | 12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,740.67 | 1,267.12 |
| 27 15 13 00-0563 | MLF | 24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,992.80 | 1,872.03 |
| 27 15 13 00-0564 | MLF | 1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,143.26 | 622.00 |
| 27 15 13 00-0565 | MLF | 2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,313.04 | 644.10 |
| 27 15 13 00-0566 | MLF | 3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,477.53 | 666.21 |
| 27 15 13 00-0567 | MLF | 4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,580.51 | 689.33 |
| 27 15 13 00-0568 | MLF | 5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,722.68 | 735.55 |
| 27 15 13 00-0569 | MLF | 6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,883.31 | 781.77 |
| 27 15 13 00-0570 | MLF | 8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,109.37 | 874.22 |
| 27 15 13 00-0571 | MLF | 12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,914.86 | 1,152.56 |
| 27 15 13 00-0572 | MLF | 24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,434.36 | 1,702.21 |
| 27 15 13 00-0573 | MLF | 25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,681.86 | 1,742.41 |
| 27 15 13 00-0574 | MLF | 36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,530.84 | 2,028.79 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0575 | MLF | 40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,963.40 | 2,171.48 |
| 27 15 13 00-0576 | MLF | 50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 7,177.26 | 2,714.09 |
| 27 15 13 00-0577 | MLF | 100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 9,711.01 | 3,573.23 |
| 27 15 13 00-0578 | MLF | 250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 18,809.46 | 6,581.74 |
| 27 15 13 00-0579 | MLF | 500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 28,516.06 | 8,710.01 |
| 27 15 13 00-0580 | MLF | 750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 38,251.63 | 10,975.94 |
| 27 15 13 00-0581 | MLF | 1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 53,910.27 | 15,055.62 |
| 27 15 13 00-0582 | MLF | 1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,104.62 | 622.00 |
| 27 15 13 00-0583 | MLF | 2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,226.61 | 644.10 |
| 27 15 13 00-0584 | MLF | 3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,345.24 | 666.21 |
| 27 15 13 00-0585 | MLF | 4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,424.86 | 689.33 |
| 27 15 13 00-0586 | MLF | 5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,543.68 | 735.55 |
| 27 15 13 00-0587 | MLF | 6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,673.95 | 781.77 |
| 27 15 13 00-0588 | MLF | 8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,874.31 | 874.22 |
| 27 15 13 00-0589 | MLF | 12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,556.49 | 1,152.56 |
| 27 15 13 00-0590 | MLF | 24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,858.68 | 1,702.21 |
| 27 15 13 00-0591 | MLF | 25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,041.26 | 1,742.41 |
| 27 15 13 00-0592 | MLF | 36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,774.96 | 2,028.79 |
| 27 15 13 00-0593 | MLF | 40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,118.82 | 2,171.48 |
| 27 15 13 00-0594 | MLF | 50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,220.79 | 2,714.09 |
| 27 15 13 00-0595 | MLF | 100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 8,357.53 | 3,573.23 |
| 27 15 13 00-0596 | MLF | 250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 15,945.13 | 6,581.74 |
| 27 15 13 00-0597 | MLF | 500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 23,459.04 | 8,710.01 |
| 27 15 13 00-0598 | MLF | 750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 31,043.40 | 10,975.94 |
| 27 15 13 00-0599 | MLF | 1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 43,503.86 | 15,055.62 |

## 27 15 13 00-0600 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0276)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0601 | MLF | 1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,576.14 | 776.74 |
| 27 15 13 00-0602 | MLF | 2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,845.15 | 804.88 |
| 27 15 13 00-0603 | MLF | 3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,007.62 | 833.02 |
| 27 15 13 00-0604 | MLF | 4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,229.20 | 861.15 |
| 27 15 13 00-0605 | MLF | 5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,481.65 | 918.43 |
| 27 15 13 00-0606 | MLF | 6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,732.10 | 976.71 |
| 27 15 13 00-0607 | MLF | 8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,332.85 | 1,093.27 |
| 27 15 13 00-0608 | MLF | 12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,318.47 | 1,439.95 |
| 27 15 13 00-0609 | MLF | 24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,451.99 | 2,127.26 |
| 27 15 13 00-0610 | MLF | 1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,378.27 | 683.29 |
| 27 15 13 00-0611 | MLF | 2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,608.83 | 708.41 |
| 27 15 13 00-0612 | MLF | 3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,748.83 | 733.54 |
| 27 15 13 00-0613 | MLF | 4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,938.25 | 757.65 |
| 27 15 13 00-0614 | MLF | 5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,155.38 | 808.90 |
| 27 15 13 00-0615 | MLF | 6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,371.52 | 860.15 |
| 27 15 13 00-0616 | MLF | 8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,887.14 | 961.64 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0617 | MLF | 12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,742.40 | 1,267.12 |
| 27 15 13 00-0618 | MLF | 24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,590.06 | 1,872.03 |
| 27 15 13 00-0619 | MLF | 1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,204.54 | 622.00 |
| 27 15 13 00-0620 | MLF | 2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,402.51 | 644.10 |
| 27 15 13 00-0621 | MLF | 3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,538.50 | 666.21 |
| 27 15 13 00-0622 | MLF | 4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,792.47 | 689.33 |
| 27 15 13 00-0623 | MLF | 5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,004.69 | 735.55 |
| 27 15 13 00-0624 | MLF | 6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,430.54 | 781.77 |
| 27 15 13 00-0625 | MLF | 8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,716.25 | 874.22 |
| 27 15 13 00-0626 | MLF | 12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 3,411.96 | 1,152.56 |
| 27 15 13 00-0627 | MLF | 24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,161.40 | 1,702.21 |
| 27 15 13 00-0628 | MLF | 25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,489.53 | 1,742.41 |
| 27 15 13 00-0629 | MLF | 36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,549.75 | 2,028.79 |
| 27 15 13 00-0630 | MLF | 40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 7,028.24 | 2,171.48 |
| 27 15 13 00-0631 | MLF | 50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 8,383.15 | 2,714.09 |
| 27 15 13 00-0632 | MLF | 100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 11,417.48 | 3,573.23 |
| 27 15 13 00-0633 | MLF | 250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 22,421.35 | 6,581.74 |
| 27 15 13 00-0634 | MLF | 500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 34,892.70 | 8,710.01 |
| 27 15 13 00-0635 | MLF | 750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 47,339.85 | 10,975.94 |
| 27 15 13 00-0636 | MLF | 1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 67,031.01 | 15,054.61 |
| 27 15 13 00-0637 | MLF | 1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,143.81 | 622.00 |
| 27 15 13 00-0638 | MLF | 2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,283.84 | 644.10 |
| 27 15 13 00-0639 | MLF | 3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,384.24 | 666.21 |
| 27 15 13 00-0640 | MLF | 4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 1,560.45 | 689.33 |
| 27 15 13 00-0641 | MLF | 5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit | 1,724.08 | 735.55 |
| 27 15 13 00-0642 | MLF | 6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,024.01 | 781.77 |
| 27 15 13 00-0643 | MLF | 8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,262.53 | 874.22 |
| 27 15 13 00-0644 | MLF | 12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 2,874.47 | 1,152.56 |
| 27 15 13 00-0645 | MLF | 24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,323.75 | 1,702.21 |
| 27 15 13 00-0646 | MLF | 25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 4,557.90 | 1,742.41 |
| 27 15 13 00-0647 | MLF | 36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,408.08 | 2,028.79 |
| 27 15 13 00-0648 | MLF | 40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 5,799.98 | 2,171.48 |
| 27 15 13 00-0649 | MLF | 50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 6,992.18 | 2,714.09 |
| 27 15 13 00-0650 | MLF | 100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 9,449.11 | 3,573.23 |
| 27 15 13 00-0651 | MLF | 250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 18,255.39 | 6,581.74 |
| 27 15 13 00-0652 | MLF | 500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 27,538.00 | 8,710.01 |
| 27 15 13 00-0653 | MLF | 750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 36,857.24 | 10,975.94 |
| 27 15 13 00-0654 | MLF | 1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit | 51,897.76 | 15,055.62 |

27 15 13 00-0655 Sound System Cables *(27 15 13)*
Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.

27 15 13 00-0656 Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0655)*

27 15 13 00-0657 Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0658 | MLF | 2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,727.25 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0659 | MLF | 2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,619.16 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0660 | MLF | 2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,535.79 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0661 | MLF | 4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,626.96 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0662 | MLF | 4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,920.00 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0663 | MLF | 6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 2,212.06 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0664 | MLF | 4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,921.23 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0665 | MLF | 4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,780.52 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |

### 27 15 13 00-0666 Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0667 | MLF | 2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,771.91 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0668 | MLF | 2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,647.57 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0669 | MLF | 2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,577.19 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0670 | MLF | 4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,694.62 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0671 | MLF | 8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,942.73 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0672 | MLF | 2 Conductors, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,915.36 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0673 | MLF | 2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,743.37 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0674 | MLF | 4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 2,035.72 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0675 | MLF | 6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 2,327.27 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0676 | MLF | 2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,612.48 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |
| 27 15 13 00-0677 | MLF | 2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed | 1,670.57 | 703.39 |
| | | *For Work In Restricted Working Space, Add* | *422.04* | |

### 27 15 13 00-0678 Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0655)*

### 27 15 13 00-0679 Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*

| | | | | |
|---|---|---|---|---|
| 27 15 13 00-0680 | MLF | 2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,023.85 | 351.69 |
| 27 15 13 00-0681 | MLF | 2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 915.76 | 351.69 |
| 27 15 13 00-0682 | MLF | 2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 832.39 | 351.69 |
| 27 15 13 00-0683 | MLF | 4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 923.56 | 351.69 |
| 27 15 13 00-0684 | MLF | 4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,216.60 | 351.69 |
| 27 15 13 00-0685 | MLF | 6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,508.66 | 351.69 |
| 27 15 13 00-0686 | MLF | 4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit | 1,217.83 | 351.69 |
| 27 15 13 00-0687 | MLF | 4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit | 1,077.12 | 351.69 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 13 00-0688 | | Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)* | | |
| 27 15 13 00-0689 | MLF | 2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,068.51 | 351.69 |
| 27 15 13 00-0690 | MLF | 2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 944.17 | 351.69 |
| 27 15 13 00-0691 | MLF | 2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 873.79 | 351.69 |
| 27 15 13 00-0692 | MLF | 4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 991.22 | 351.69 |
| 27 15 13 00-0693 | MLF | 8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,239.33 | 351.69 |
| 27 15 13 00-0694 | MLF | 2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,211.96 | 351.69 |
| 27 15 13 00-0695 | MLF | 2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,039.97 | 351.69 |
| 27 15 13 00-0696 | MLF | 4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,332.32 | 351.69 |
| 27 15 13 00-0697 | MLF | 6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit | 1,623.87 | 351.69 |
| 27 15 13 00-0698 | MLF | 2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit | 967.17 | 351.69 |
| 27 15 13 00-0699 | MLF | 2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit | 909.08 | 351.69 |
| **27 15 23** | | **Communications Optical Fiber Horizontal Cabling** *(27 15)* | | |
| | | Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. | | |
| 27 15 23 00-0001 | | Indoor Fiber Optic Cable *(27 15 23)* | | |
| | | Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together. | | |
| 27 15 23 00-0002 | | Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)* | | |
| | | Note: Excludes conduit or innerduct. | | |
| 27 15 23 00-0003 | | Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)* | | |
| 27 15 23 00-0004 | | Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)* | | |
| 27 15 23 00-0005 | | Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)* | | |
| 27 15 23 00-0006 | MLF | 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 973.10 | 395.97 |
| 27 15 23 00-0007 | MLF | 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,067.47 | 395.97 |
| 27 15 23 00-0008 | MLF | 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,098.98 | 395.97 |
| 27 15 23 00-0009 | MLF | 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,211.20 | 395.97 |
| | | *For Aluminum Armored Cable, Add* | *1,012.81* | |
| | | *For Steel Armored Cable, Add* | *3,123.02* | |
| 27 15 23 00-0010 | MLF | 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,243.37 | 395.97 |
| 27 15 23 00-0011 | MLF | 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,437.85 | 395.97 |
| | | *For Aluminum Armored Cable, Add* | *1,092.64* | |
| | | *For Steel Armored Cable, Add* | *3,412.91* | |
| 27 15 23 00-0012 | MLF | 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,489.15 | 461.97 |
| 27 15 23 00-0013 | MLF | 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,528.01 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *1,097.67* | |
| | | *For Steel Armored Cable, Add* | *5,773.15* | |
| 27 15 23 00-0014 | MLF | 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 4,317.56 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *1,060.56* | |
| | | *For Steel Armored Cable, Add* | *5,970.79* | |
| 27 15 23 00-0015 | MLF | 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 4,470.69 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *1,115.97* | |
| | | *For Steel Armored Cable, Add* | *6,243.21* | |
| 27 15 23 00-0016 | MLF | 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,436.35 | 461.97 |
| 27 15 23 00-0017 | MLF | 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,693.15 | 461.97 |
| 27 15 23 00-0018 | MLF | 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,043.92 | 461.97 |
| 27 15 23 00-0019 | MLF | 120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 9,475.94 | 527.97 |
| 27 15 23 00-0020 | MLF | 144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 11,317.94 | 527.97 |
| 27 15 23 00-0021 | | 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)* | | |
| 27 15 23 00-0022 | MLF | 1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,000.28 | 395.97 |
| 27 15 23 00-0023 | MLF | 2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,170.20 | 395.97 |
| 27 15 23 00-0024 | MLF | 4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,473.16 | 395.97 |
| 27 15 23 00-0025 | MLF | 6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,792.06 | 395.97 |
| | | *For Aluminum Armored Cable, Add* | *795.86* | |
| | | *For Steel Armored Cable, Add* | *1,090.93* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0026 | MLF | 8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,095.01 | 395.97 |
| 27 15 23 00-0027 | MLF | 12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,716.86 | 395.97 |
| | | *For Aluminum Armored Cable, Add* | *669.26* | |
| | | *For Steel Armored Cable, Add* | *1,053.72* | |
| 27 15 23 00-0028 | MLF | 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,986.31 | 461.97 |
| 27 15 23 00-0029 | MLF | 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,234.55 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-236.90* | |
| | | *For Steel Armored Cable, Add* | *-236.90* | |
| 27 15 23 00-0030 | MLF | 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,466.85 | 461.97 |
| 27 15 23 00-0031 | MLF | 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 9,699.15 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-643.88* | |
| 27 15 23 00-0032 | MLF | 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 11,931.45 | 461.97 |
| 27 15 23 00-0033 | MLF | 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 14,163.75 | 461.97 |
| 27 15 23 00-0034 | MLF | 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 18,644.29 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *1,957.86* | |
| 27 15 23 00-0035 | MLF | 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 23,218.88 | 527.97 |
| 27 15 23 00-0036 | MLF | 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 27,683.48 | 527.97 |

### 27 15 23 00-0037 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0038 | MLF | 1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,017.29 | 395.97 |
| 27 15 23 00-0039 | MLF | 2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,195.71 | 395.97 |
| 27 15 23 00-0040 | MLF | 4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,513.81 | 395.97 |
| 27 15 23 00-0041 | MLF | 6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,848.66 | 395.97 |
| 27 15 23 00-0042 | MLF | 8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,166.76 | 395.97 |
| 27 15 23 00-0043 | MLF | 12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,819.71 | 395.97 |
| 27 15 23 00-0044 | MLF | 18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,097.12 | 461.97 |
| 27 15 23 00-0045 | MLF | 24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,457.78 | 461.97 |
| 27 15 23 00-0046 | MLF | 36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,801.69 | 461.97 |
| 27 15 23 00-0047 | MLF | 48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 10,145.61 | 461.97 |
| 27 15 23 00-0048 | MLF | 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 12,489.53 | 461.97 |
| 27 15 23 00-0049 | MLF | 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 14,833.44 | 461.97 |
| 27 15 23 00-0050 | MLF | 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 19,538.01 | 461.97 |
| 27 15 23 00-0051 | MLF | 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 24,335.83 | 527.97 |
| 27 15 23 00-0052 | MLF | 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 29,023.66 | 527.97 |

### 27 15 23 00-0053 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*

### 27 15 23 00-0054 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0055 | MLF | 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,847.77 | 395.97 |
| 27 15 23 00-0056 | MLF | 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,199.72 | 395.97 |
| 27 15 23 00-0057 | MLF | 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,974.02 | 395.97 |
| 27 15 23 00-0058 | MLF | 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,343.53 | 395.97 |
| 27 15 23 00-0059 | MLF | 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,860.95 | 395.97 |
| 27 15 23 00-0060 | MLF | 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 6,181.13 | 461.97 |
| 27 15 23 00-0061 | MLF | 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,803.03 | 461.97 |
| 27 15 23 00-0062 | MLF | 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 11,020.39 | 461.97 |
| 27 15 23 00-0063 | MLF | 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 13,528.02 | 461.97 |

### 27 15 23 00-0064 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0065 | MLF | 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,387.27 | 395.97 |
| 27 15 23 00-0066 | MLF | 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,931.88 | 395.97 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0067 | MLF | 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,829.83 | 395.97 |
| 27 15 23 00-0068 | MLF | 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,164.42 | 395.97 |
| 27 15 23 00-0069 | MLF | 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 4,555.89 | 395.97 |
| 27 15 23 00-0070 | MLF | 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,667.76 | 461.97 |
| 27 15 23 00-0071 | MLF | 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,622.66 | 461.97 |
| 27 15 23 00-0072 | MLF | 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 11,035.34 | 461.97 |
| 27 15 23 00-0073 | MLF | 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 16,906.29 | 461.97 |

### 27 15 23 00-0074 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0075 | MLF | 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,473.63 | 395.97 |
| 27 15 23 00-0076 | MLF | 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,045.48 | 395.97 |
| 27 15 23 00-0077 | MLF | 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,988.32 | 395.97 |
| 27 15 23 00-0078 | MLF | 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,389.65 | 395.97 |
| 27 15 23 00-0079 | MLF | 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 4,750.68 | 395.97 |
| 27 15 23 00-0080 | MLF | 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 8,012.65 | 461.97 |
| 27 15 23 00-0081 | MLF | 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,965.29 | 461.97 |
| 27 15 23 00-0082 | MLF | 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 11,548.61 | 461.97 |
| 27 15 23 00-0083 | MLF | 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 17,713.11 | 461.97 |

### 27 15 23 00-0084 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*

### 27 15 23 00-0085 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*

### 27 15 23 00-0086 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0087 | MLF | 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,028.36 | 395.97 |
| 27 15 23 00-0088 | MLF | 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,033.92 | 395.97 |
| 27 15 23 00-0089 | MLF | 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,325.77 | 395.97 |
| 27 15 23 00-0090 | MLF | 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,359.92 | 395.97 |
| | | *For Aluminum Armored Cable, Add* | *1,059.41* | |
| | | *For Steel Armored Cable, Add* | *5,287.11* | |
| 27 15 23 00-0091 | MLF | 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,531.83 | 395.97 |
| 27 15 23 00-0092 | MLF | 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,564.00 | 395.97 |
| | | *For Aluminum Armored Cable, Add* | *1,100.38* | |
| | | *For Steel Armored Cable, Add* | *5,651.38* | |
| 27 15 23 00-0093 | MLF | 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,717.15 | 461.97 |
| 27 15 23 00-0094 | MLF | 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 4,822.35 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-77.00* | |
| | | *For Steel Armored Cable, Add* | *5,452.20* | |
| 27 15 23 00-0095 | MLF | 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,747.69 | 461.97 |
| 27 15 23 00-0096 | MLF | 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,953.75 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-340.17* | |
| | | *For Steel Armored Cable, Add* | *6,490.98* | |
| 27 15 23 00-0097 | MLF | 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 9,630.71 | 461.97 |
| 27 15 23 00-0098 | MLF | 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 11,421.17 | 461.97 |
| 27 15 23 00-0099 | MLF | 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 15,142.10 | 461.97 |

### 27 15 23 00-0100 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0101 | MLF | 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 998.45 | 395.97 |
| 27 15 23 00-0102 | MLF | 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,480.93 | 395.97 |
| 27 15 23 00-0103 | MLF | 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,983.86 | 395.97 |
| 27 15 23 00-0104 | MLF | 6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,496.87 | 395.97 |
| | | *For Aluminum Armored Cable, Add* | *93.85* | |
| | | *For Steel Armored Cable, Add* | *454.18* | |
| 27 15 23 00-0105 | MLF | 8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,988.44 | 395.97 |
| 27 15 23 00-0106 | MLF | 12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,415.54 | 395.97 |
| | | *For Aluminum Armored Cable, Add* | *-53.96* | |
| | | *For Steel Armored Cable, Add* | *355.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0107 | MLF | 18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 4,366.16 | 461.97 |
| 27 15 23 00-0108 | MLF | 24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 8,014.11 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-1,423.44* | |
| | | *For Steel Armored Cable, Add* | *-1,423.44* | |
| 27 15 23 00-0109 | MLF | 36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 11,636.19 | 461.97 |
| 27 15 23 00-0110 | MLF | 48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 15,258.27 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-4,578.36* | |
| 27 15 23 00-0111 | MLF | 60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 18,880.35 | 461.97 |
| 27 15 23 00-0112 | MLF | 72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 22,502.43 | 461.97 |
| 27 15 23 00-0113 | MLF | 96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 29,772.46 | 461.97 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-9,170.31* | |

### 27 15 23 00-0114 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0115 | MLF | 1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,015.37 | 395.97 |
| 27 15 23 00-0116 | MLF | 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 1,521.98 | 395.97 |
| 27 15 23 00-0117 | MLF | 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,050.05 | 395.97 |
| 27 15 23 00-0118 | MLF | 6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,588.72 | 395.97 |
| 27 15 23 00-0119 | MLF | 8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,104.86 | 395.97 |
| 27 15 23 00-0120 | MLF | 12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,553.31 | 395.97 |
| 27 15 23 00-0121 | MLF | 18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 4,545.97 | 461.97 |
| 27 15 23 00-0122 | MLF | 24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 8,376.32 | 461.97 |
| 27 15 23 00-0123 | MLF | 36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 12,179.50 | 461.97 |
| 27 15 23 00-0124 | MLF | 48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 15,982.69 | 461.97 |
| 27 15 23 00-0125 | MLF | 60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 19,785.87 | 461.97 |
| 27 15 23 00-0126 | MLF | 72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 23,589.05 | 461.97 |
| 27 15 23 00-0127 | MLF | 96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 31,222.59 | 461.97 |

### 27 15 23 00-0128 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*

### 27 15 23 00-0129 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0130 | MLF | 2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 2,924.13 | 395.97 |
| 27 15 23 00-0131 | MLF | 4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 3,352.35 | 395.97 |
| 27 15 23 00-0132 | MLF | 6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 4,381.79 | 395.97 |
| 27 15 23 00-0133 | MLF | 8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,390.68 | 395.97 |
| 27 15 23 00-0134 | MLF | 12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 7,000.85 | 395.97 |
| 27 15 23 00-0135 | MLF | 18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 9,990.94 | 461.97 |
| 27 15 23 00-0136 | MLF | 24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 14,424.92 | 461.97 |
| 27 15 23 00-0137 | MLF | 36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 17,458.10 | 461.97 |
| 27 15 23 00-0138 | MLF | 48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 21,792.92 | 461.97 |

### 27 15 23 00-0139 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0140 | MLF | 2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,300.59 | 395.97 |
| 27 15 23 00-0141 | MLF | 4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 6,655.80 | 395.97 |
| 27 15 23 00-0142 | MLF | 6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 9,074.78 | 395.97 |
| 27 15 23 00-0143 | MLF | 8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 10,307.63 | 395.97 |
| 27 15 23 00-0144 | MLF | 12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 6,146.95 | 395.97 |
| 27 15 23 00-0145 | MLF | 18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 16,758.85 | 461.97 |
| 27 15 23 00-0146 | MLF | 24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 9,763.10 | 461.97 |
| 27 15 23 00-0147 | MLF | 36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 21,771.00 | 461.97 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0148 | MLF | 48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 34,920.99 | 461.97 |

### 27 15 23 00-0149 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0150 | MLF | 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 5,532.63 | 395.97 |
| 27 15 23 00-0151 | MLF | 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 6,955.59 | 395.97 |
| 27 15 23 00-0152 | MLF | 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 9,495.52 | 395.97 |
| 27 15 23 00-0153 | MLF | 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 10,790.01 | 395.97 |
| 27 15 23 00-0154 | MLF | 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 6,421.30 | 395.97 |
| 27 15 23 00-0155 | MLF | 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 17,558.29 | 461.97 |
| 27 15 23 00-0156 | MLF | 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 10,212.75 | 461.97 |
| 27 15 23 00-0157 | MLF | 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 22,821.06 | 461.97 |
| 27 15 23 00-0158 | MLF | 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit | 36,628.54 | 461.97 |

### 27 15 23 00-0159 Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)*

Note: For non-conduit installations such as cable trays, surface runways, etc.

### 27 15 23 00-0160 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*

### 27 15 23 00-0161 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

### 27 15 23 00-0162 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0163 | MLF | 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,193.08 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0164 | MLF | 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,287.45 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0165 | MLF | 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,318.96 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0166 | MLF | 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,431.18 | 527.97 |
| | | *For Aluminum Armored Cable, Add* | *1,012.81* | |
| | | *For Steel Armored Cable, Add* | *3,123.02* | |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0167 | MLF | 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,463.35 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0168 | MLF | 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,657.83 | 527.97 |
| | | *For Aluminum Armored Cable, Add* | *1,092.64* | |
| | | *For Steel Armored Cable, Add* | *3,412.91* | |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0169 | MLF | 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,709.13 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0170 | MLF | 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,747.99 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *1,097.67* | |
| | | *For Steel Armored Cable, Add* | *5,773.15* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0171 | MLF | 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,537.54 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *1,060.56* | |
| | | *For Steel Armored Cable, Add* | *5,970.79* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0172 | MLF | 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,690.67 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *1,115.97* | |
| | | *For Steel Armored Cable, Add* | *6,243.21* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0173 | MLF | 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,656.33 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0174 | MLF | 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,913.13 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0175 | MLF | 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 7,263.90 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0176 | MLF | 120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 9,695.93 | 659.96 |
| | | *For Work In Restricted Working Space, Add* | *329.98* | |
| 27 15 23 00-0177 | MLF | 144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 11,537.93 | 659.96 |
| | | *For Work In Restricted Working Space, Add* | *329.98* | |

### 27 15 23 00-0178 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0179 | MLF | 1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,220.26 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0180 | MLF | 2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,390.18 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0181 | MLF | 4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,693.14 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0182 | MLF | 6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,012.04 | 527.97 |
| | | *For Aluminum Armored Cable, Add* | *795.86* | |
| | | *For Steel Armored Cable, Add* | *1,090.93* | |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0183 | MLF | 8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,314.99 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0184 | MLF | 12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,936.84 | 527.97 |
| | | *For Aluminum Armored Cable, Add* | *669.26* | |
| | | *For Steel Armored Cable, Add* | *1,053.72* | |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0185 | MLF | 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,206.29 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0186 | MLF | 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,454.53 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-236.90* | |
| | | *For Steel Armored Cable, Add* | *-236.90* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0187 | MLF | 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 7,686.83 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0188 | MLF | 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 9,919.13 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-643.88* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0189 | MLF | 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 12,151.43 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0190 | MLF | 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 14,383.73 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0191 | MLF | 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 18,864.27 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *1,957.86* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0192 | MLF | 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 23,438.87 | 659.96 |
| | | *For Work In Restricted Working Space, Add* | *329.98* | |
| 27 15 23 00-0193 | MLF | 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 27,903.47 | 659.96 |
| | | *For Work In Restricted Working Space, Add* | *329.98* | |

### 27 15 23 00-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0195 | MLF | 1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,237.27 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0196 | MLF | 2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,415.69 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0197 | MLF | 4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,733.79 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0198 | MLF | 6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,068.64 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0199 | MLF | 8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,386.74 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0200 | MLF | 12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,039.69 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0201 | MLF | 18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,317.10 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0202 | MLF | 24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,677.76 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0203 | MLF | 36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 8,021.67 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0204 | MLF | 48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 10,365.59 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0205 | MLF | 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 12,709.51 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0206 | MLF | 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 15,053.42 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0207 | MLF | 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 19,757.99 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0208 | MLF | 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 24,555.82 | 659.96 |
| | | *For Work In Restricted Working Space, Add* | *329.98* | |
| 27 15 23 00-0209 | MLF | 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 29,243.65 | 659.96 |
| | | *For Work In Restricted Working Space, Add* | *329.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0210 | | Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)* | | |
| 27 15 23 00-0211 | | Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)* | | |
| 27 15 23 00-0212 | MLF | 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,067.75 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0213 | MLF | 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,419.70 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0214 | MLF | 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,194.00 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0215 | MLF | 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,563.51 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0216 | MLF | 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 6,080.93 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0217 | MLF | 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 6,401.11 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0218 | MLF | 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 8,023.01 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0219 | MLF | 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 11,240.37 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0220 | MLF | 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 13,748.00 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0221 | | 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)* | | |
| 27 15 23 00-0222 | MLF | 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,607.25 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0223 | MLF | 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,151.86 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0224 | MLF | 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,049.81 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0225 | MLF | 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,384.40 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0226 | MLF | 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,775.87 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0227 | MLF | 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 7,887.74 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0228 | MLF | 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 7,842.64 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0229 | MLF | 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 11,255.32 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0230 | MLF | 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 17,126.27 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0231 | | 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)* | | |
| 27 15 23 00-0232 | MLF | 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,693.61 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0233 | MLF | 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,265.46 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0234 | MLF | 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,208.30 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0235 | MLF | 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,609.63 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0236 | MLF | 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,970.66 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0237 | MLF | 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 8,232.63 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0238 | MLF | 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 8,185.27 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0239 | MLF | 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 11,768.59 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0240 | MLF | 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 17,933.09 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0241 | | Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)* | | |
| 27 15 23 00-0242 | | Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)* | | |
| 27 15 23 00-0243 | | Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)* | | |
| 27 15 23 00-0244 | MLF | 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,248.34 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0245 | MLF | 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,253.90 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0246 | MLF | 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,545.75 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0247 | MLF | 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,579.90 | 527.97 |
| | | *For Aluminum Armored Cable, Add* | *1,059.41* | |
| | | *For Steel Armored Cable, Add* | *5,287.11* | |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0248 | MLF | 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,751.81 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0249 | MLF | 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,783.98 | 527.97 |
| | | *For Aluminum Armored Cable, Add* | *1,100.38* | |
| | | *For Steel Armored Cable, Add* | *5,651.38* | |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0250 | MLF | 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,937.13 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0251 | MLF | 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,042.33 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-77.00* | |
| | | *For Steel Armored Cable, Add* | *5,452.20* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0252 | MLF | 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 7,967.67 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0253 | MLF | 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 8,173.73 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-340.17* | |
| | | *For Steel Armored Cable, Add* | *6,490.98* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0254 | MLF | 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 9,850.69 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0255 | MLF | 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 11,641.15 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0256 | MLF | 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 15,362.08 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |

### 27 15 23 00-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0258 | MLF | 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,218.43 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0259 | MLF | 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,700.91 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0260 | MLF | 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,203.84 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0261 | MLF | 6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,716.85 | 527.97 |
| | | *For Aluminum Armored Cable, Add* | *93.85* | |
| | | *For Steel Armored Cable, Add* | *454.18* | |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0262 | MLF | 8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,208.42 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0263 | MLF | 12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,635.52 | 527.97 |
| | | *For Aluminum Armored Cable, Add* | *-53.96* | |
| | | *For Steel Armored Cable, Add* | *355.05* | |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0264 | MLF | 18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,586.14 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0265 | MLF | 24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 8,234.09 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-1,423.44* | |
| | | *For Steel Armored Cable, Add* | *-1,423.44* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0266 | MLF | 36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 11,856.17 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0267 | MLF | 48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 15,478.25 | 593.96 |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-4,578.36* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0268 | MLF | 60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 19,100.33 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0269 | MLF | 72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 22,722.41 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0270 | MLF | 96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 29,992.44 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| | | *For Aluminum Armored Cable With Sub-Units, Add* | *-9,170.31* | |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0271 | | 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)* | | |
| 27 15 23 00-0272 | MLF | 1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,235.35 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0273 | MLF | 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 1,741.96 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0274 | MLF | 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,270.03 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0275 | MLF | 6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 2,808.70 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0276 | MLF | 8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,324.84 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0277 | MLF | 12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,773.29 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0278 | MLF | 18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,765.95 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0279 | MLF | 24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 8,596.30 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0280 | MLF | 36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 12,399.48 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0281 | MLF | 48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 16,202.67 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0282 | MLF | 60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 20,005.85 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0283 | MLF | 72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 23,809.03 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0284 | MLF | 96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 31,442.57 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0285 | | Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)* | | |
| 27 15 23 00-0286 | | Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)* | | |
| 27 15 23 00-0287 | MLF | 2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,144.11 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0288 | MLF | 4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 3,572.33 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0289 | MLF | 6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 4,601.77 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0290 | MLF | 8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,610.66 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0291 | MLF | 12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 7,220.83 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0292 | MLF | 18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 10,210.92 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0293 | MLF | 24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 14,644.90 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0294 | MLF | 36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 17,678.08 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0295 | MLF | 48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 22,012.90 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0296 | | 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)* | | |
| 27 15 23 00-0297 | MLF | 2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,520.57 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0298 | MLF | 4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 6,875.78 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0299 | MLF | 6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 9,294.76 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0300 | MLF | 8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 10,527.61 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0301 | MLF | 12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 6,366.93 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0302 | MLF | 18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 16,978.83 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0303 | MLF | 24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 9,983.08 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0304 | MLF | 36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 21,990.98 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0305 | MLF | 48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 35,140.97 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0306 | | 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)* | | |
| 27 15 23 00-0307 | MLF | 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 5,752.61 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0308 | MLF | 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 7,175.57 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0309 | MLF | 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 9,715.50 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0310 | MLF | 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 11,009.99 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0311 | MLF | 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 6,641.28 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0312 | MLF | 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 17,778.27 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0313 | MLF | 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 10,432.73 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0314 | MLF | 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 23,041.04 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0315 | MLF | 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed | 36,848.52 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0316 | | Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)* Note: Singlemode and multimode combination cable. Excludes conduit or innerduct. | | |
| 27 15 23 00-0317 | | Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)* | | |
| 27 15 23 00-0318 | MLF | 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit | 1,426.92 | 395.97 |
| 27 15 23 00-0319 | MLF | 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit | 2,464.20 | 395.97 |
| 27 15 23 00-0320 | MLF | 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit | 5,768.11 | 461.97 |
| 27 15 23 00-0321 | MLF | 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit | 9,139.03 | 461.97 |
| 27 15 23 00-0322 | | Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)* | | |
| 27 15 23 00-0323 | MLF | 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit | 1,713.88 | 395.97 |
| 27 15 23 00-0324 | MLF | 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit | 2,504.58 | 395.97 |
| 27 15 23 00-0325 | MLF | 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit | 6,861.22 | 461.97 |
| 27 15 23 00-0326 | MLF | 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit | 11,893.53 | 461.97 |
| 27 15 23 00-0327 | | Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)* Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc. | | |
| 27 15 23 00-0328 | | Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)* | | |
| 27 15 23 00-0329 | MLF | 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed | 1,646.90 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0330 | MLF | 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed | 2,684.18 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0331 | MLF | 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed | 5,988.09 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0332 | MLF | 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed | 9,359.01 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |

## 27 15 23 00-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0334 | MLF | 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed | 1,933.86 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0335 | MLF | 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed | 2,724.56 | 527.97 |
| | | *For Work In Restricted Working Space, Add* | *263.98* | |
| 27 15 23 00-0336 | MLF | 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed | 7,081.20 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |
| 27 15 23 00-0337 | MLF | 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed | 12,113.51 | 593.96 |
| | | *For Work In Restricted Working Space, Add* | *296.98* | |

## 27 15 23 00-0338 Outdoor Fiber Optic Cable *(27 15 23)*

Note: Cable buried in trench excludes excavation.

## 27 15 23 00-0339 Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*

Note: Excludes conduit or innerduct.

## 27 15 23 00-0340 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

## 27 15 23 00-0341 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0342 | MLF | 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,881.93 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *274.52* | |
| 27 15 23 00-0343 | MLF | 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,916.10 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *276.79* | |
| 27 15 23 00-0344 | MLF | 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,950.33 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *278.99* | |
| 27 15 23 00-0345 | MLF | 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,984.53 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *281.67* | |
| 27 15 23 00-0346 | MLF | 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,052.48 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *254.87* | |
| 27 15 23 00-0347 | MLF | 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,191.49 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *283.96* | |
| 27 15 23 00-0348 | MLF | 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,262.95 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *223.55* | |
| 27 15 23 00-0349 | MLF | 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,284.99 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *261.29* | |
| 27 15 23 00-0350 | MLF | 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,693.94 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *287.46* | |
| 27 15 23 00-0351 | MLF | 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,919.40 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *287.44* | |
| 27 15 23 00-0352 | MLF | 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,211.92 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *339.73* | |
| 27 15 23 00-0353 | MLF | 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,726.90 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *326.17* | |
| 27 15 23 00-0354 | MLF | 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,289.58 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *396.07* | |
| 27 15 23 00-0355 | MLF | 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,878.48 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *265.13* | |

## 27 15 23 00-0356 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0357 | MLF | 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,281.48 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *43.24* | |
| 27 15 23 00-0358 | MLF | 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,336.05 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *78.84* | |
| 27 15 23 00-0359 | MLF | 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,450.40 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *131.96* | |
| 27 15 23 00-0360 | MLF | 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,606.33 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *14.68* | |
| 27 15 23 00-0361 | MLF | 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,671.30 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *39.88* | |
| 27 15 23 00-0362 | MLF | 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,892.19 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *63.74* | |
| 27 15 23 00-0363 | MLF | 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,359.98 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *33.94* | |
| 27 15 23 00-0364 | MLF | 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,048.66 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *131.06* | |
| 27 15 23 00-0365 | MLF | 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,815.31 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *21.40* | |
| 27 15 23 00-0366 | MLF | 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 5,348.06 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *119.86* | |
| 27 15 23 00-0367 | MLF | 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 6,036.74 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *564.80* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0368 | MLF | 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 7,635.00 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *151.68* | |
| 27 15 23 00-0369 | MLF | 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 9,220.27 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *176.66* | |
| 27 15 23 00-0370 | MLF | 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 10,805.54 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *214.53* | |

### 27 15 23 00-0371 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0372 | MLF | 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,644.79 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *117.40* | |
| 27 15 23 00-0373 | MLF | 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,757.65 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *125.89* | |
| 27 15 23 00-0374 | MLF | 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,870.35 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *134.18* | |
| 27 15 23 00-0375 | MLF | 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,009.56 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *152.76* | |
| 27 15 23 00-0376 | MLF | 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,208.94 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *159.30* | |
| 27 15 23 00-0377 | MLF | 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,561.44 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *169.77* | |
| 27 15 23 00-0378 | MLF | 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,895.35 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *195.24* | |
| 27 15 23 00-0379 | MLF | 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,534.40 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *216.96* | |
| 27 15 23 00-0380 | MLF | 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,281.87 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *249.46* | |
| 27 15 23 00-0381 | MLF | 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,972.25 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *268.43* | |
| 27 15 23 00-0382 | MLF | 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 5,700.92 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *303.82* | |
| 27 15 23 00-0383 | MLF | 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 7,174.67 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *341.60* | |
| 27 15 23 00-0384 | MLF | 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 8,672.08 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *387.68* | |
| 27 15 23 00-0385 | MLF | 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 10,192.60 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *356.11* | |

### 27 15 23 00-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

### 27 15 23 00-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0388 | MLF | 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,077.65 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *216.94* | |
| 27 15 23 00-0389 | MLF | 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,144.29 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *311.37* | |
| 27 15 23 00-0390 | MLF | 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,164.29 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *298.40* | |
| 27 15 23 00-0391 | MLF | 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,244.13 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *248.41* | |
| 27 15 23 00-0392 | MLF | 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,269.04 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *296.89* | |
| 27 15 23 00-0393 | MLF | 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,380.92 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *281.58* | |
| 27 15 23 00-0394 | MLF | 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,481.24 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *284.92* | |
| 27 15 23 00-0395 | MLF | 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,641.27 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *361.31* | |
| 27 15 23 00-0396 | MLF | 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,866.73 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *366.03* | |
| 27 15 23 00-0397 | MLF | 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,091.32 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *379.21* | |
| 27 15 23 00-0398 | MLF | 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,395.80 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *326.18* | |
| 27 15 23 00-0399 | MLF | 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,888.32 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *425.39* | |
| 27 15 23 00-0400 | MLF | 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,532.66 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *418.87* | |
| 27 15 23 00-0401 | MLF | 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 5,059.94 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *334.59* | |

### 27 15 23 00-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0403 | MLF | 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,302.32 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *307.00* | |
| 27 15 23 00-0404 | MLF | 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,535.64 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *171.92* | |
| 27 15 23 00-0405 | MLF | 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,842.64 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *36.84* | |
| 27 15 23 00-0406 | MLF | 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,990.00 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *61.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0407 | MLF | 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,137.36 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *61.40* | |
| 27 15 23 00-0408 | MLF | 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,481.20 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *73.68* | |
| 27 15 23 00-0409 | MLF | 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,788.20 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *282.44* | |
| 27 15 23 00-0410 | MLF | 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,451.32 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *552.60* | |
| 27 15 23 00-0411 | MLF | 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 5,114.44 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *921.00* | |
| 27 15 23 00-0412 | MLF | 60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 5,667.04 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *1,013.10* | |
| 27 15 23 00-0413 | MLF | 72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 6,391.56 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *1,289.40* | |
| 27 15 23 00-0414 | MLF | 96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 7,902.00 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *1,903.40* | |
| 27 15 23 00-0415 | MLF | 120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 8,663.36 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *1,436.76* | |
| 27 15 23 00-0416 | MLF | 144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 10,615.88 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *3,499.80* | |

### 27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0418 | MLF | 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,721.00 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *147.36* | |
| 27 15 23 00-0419 | MLF | 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,831.52 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *159.29* | |
| 27 15 23 00-0420 | MLF | 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 1,941.86 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *171.22* | |
| 27 15 23 00-0421 | MLF | 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,052.38 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *183.13* | |
| 27 15 23 00-0422 | MLF | 12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,338.67 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *196.97* | |
| 27 15 23 00-0423 | MLF | 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,619.40 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *230.82* | |
| 27 15 23 00-0424 | MLF | 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 2,963.40 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *250.71* | |
| 27 15 23 00-0425 | MLF | 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 3,629.24 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *309.76* | |
| 27 15 23 00-0426 | MLF | 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,307.52 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *354.90* | |
| 27 15 23 00-0427 | MLF | 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 4,988.14 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *395.21* | |
| 27 15 23 00-0428 | MLF | 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 5,703.80 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *440.71* | |
| 27 15 23 00-0429 | MLF | 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 7,156.07 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *519.66* | |
| 27 15 23 00-0430 | MLF | 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 9,030.53 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *537.20* | |
| 27 15 23 00-0431 | MLF | 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit | 10,129.04 | 791.95 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *554.56* | |

### 27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*

Note: Excludes trenching.

### 27 15 23 00-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

### 27 15 23 00-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0435 | MLF | 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,771.93 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *274.52* | |
| 27 15 23 00-0436 | MLF | 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,806.10 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *276.79* | |
| 27 15 23 00-0437 | MLF | 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,840.33 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *278.99* | |
| 27 15 23 00-0438 | MLF | 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,874.53 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *281.67* | |
| 27 15 23 00-0439 | MLF | 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,942.48 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *254.87* | |
| 27 15 23 00-0440 | MLF | 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,081.49 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *283.96* | |
| 27 15 23 00-0441 | MLF | 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,152.95 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *223.55* | |
| 27 15 23 00-0442 | MLF | 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,174.99 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *261.29* | |
| 27 15 23 00-0443 | MLF | 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,583.94 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *287.46* | |
| 27 15 23 00-0444 | MLF | 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,096.84 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *287.44* | |
| 27 15 23 00-0445 | MLF | 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,441.65 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *339.73* | |
| 27 15 23 00-0446 | MLF | 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,616.90 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *326.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0447 | MLF | 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,179.58 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *396.07* | |
| 27 15 23 00-0448 | MLF | 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,768.48 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *265.13* | |

### 27 15 23 00-0449 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0450 | MLF | 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,171.48 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *43.24* | |
| 27 15 23 00-0451 | MLF | 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,226.05 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *78.84* | |
| 27 15 23 00-0452 | MLF | 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,340.40 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *131.96* | |
| 27 15 23 00-0453 | MLF | 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,496.33 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *14.68* | |
| 27 15 23 00-0454 | MLF | 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,561.30 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *39.88* | |
| 27 15 23 00-0455 | MLF | 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,782.19 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *63.74* | |
| 27 15 23 00-0456 | MLF | 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,249.98 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *33.94* | |
| 27 15 23 00-0457 | MLF | 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,938.66 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *131.06* | |
| 27 15 23 00-0458 | MLF | 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,705.31 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *21.40* | |
| 27 15 23 00-0459 | MLF | 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 5,238.06 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *119.86* | |
| 27 15 23 00-0460 | MLF | 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 5,926.74 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *564.80* | |
| 27 15 23 00-0461 | MLF | 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 7,525.00 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *151.68* | |
| 27 15 23 00-0462 | MLF | 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 9,110.27 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *176.66* | |
| 27 15 23 00-0463 | MLF | 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 10,695.54 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *214.53* | |

### 27 15 23 00-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0465 | MLF | 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,534.79 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *117.40* | |
| 27 15 23 00-0466 | MLF | 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,647.65 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *125.89* | |
| 27 15 23 00-0467 | MLF | 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,760.35 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *134.18* | |
| 27 15 23 00-0468 | MLF | 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,899.56 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *152.76* | |
| 27 15 23 00-0469 | MLF | 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,098.94 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *159.30* | |
| 27 15 23 00-0470 | MLF | 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,451.44 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *169.77* | |
| 27 15 23 00-0471 | MLF | 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,785.35 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *195.24* | |
| 27 15 23 00-0472 | MLF | 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,424.40 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *216.96* | |
| 27 15 23 00-0473 | MLF | 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,171.87 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *249.46* | |
| 27 15 23 00-0474 | MLF | 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,862.25 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *268.43* | |
| 27 15 23 00-0475 | MLF | 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 5,590.92 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *303.82* | |
| 27 15 23 00-0476 | MLF | 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 7,064.67 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *341.60* | |
| 27 15 23 00-0477 | MLF | 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 8,562.08 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *387.68* | |
| 27 15 23 00-0478 | MLF | 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 10,082.60 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *356.11* | |

### 27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

### 27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0481 | MLF | 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,967.65 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *216.94* | |
| 27 15 23 00-0482 | MLF | 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,034.29 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *311.37* | |
| 27 15 23 00-0483 | MLF | 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,054.29 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *298.40* | |
| 27 15 23 00-0484 | MLF | 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,134.13 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *248.41* | |
| 27 15 23 00-0485 | MLF | 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,159.04 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *296.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0486 | MLF | 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,270.92 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *281.58* | |
| 27 15 23 00-0487 | MLF | 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,371.24 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *284.92* | |
| 27 15 23 00-0488 | MLF | 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,531.27 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *361.31* | |
| 27 15 23 00-0489 | MLF | 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,756.73 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *366.03* | |
| 27 15 23 00-0490 | MLF | 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,981.32 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *379.21* | |
| 27 15 23 00-0491 | MLF | 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,285.80 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *326.18* | |
| 27 15 23 00-0492 | MLF | 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,778.32 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *425.39* | |
| 27 15 23 00-0493 | MLF | 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,422.66 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *418.87* | |
| 27 15 23 00-0494 | MLF | 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,949.94 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *334.59* | |

### 27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0496 | MLF | 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,192.32 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *307.00* | |
| 27 15 23 00-0497 | MLF | 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,425.64 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *171.92* | |
| 27 15 23 00-0498 | MLF | 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,732.64 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *36.84* | |
| 27 15 23 00-0499 | MLF | 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,880.00 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *61.40* | |
| 27 15 23 00-0500 | MLF | 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,027.36 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *61.40* | |
| 27 15 23 00-0501 | MLF | 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,371.20 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *73.68* | |
| 27 15 23 00-0502 | MLF | 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,678.20 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *282.44* | |
| 27 15 23 00-0503 | MLF | 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,341.32 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *552.60* | |
| 27 15 23 00-0504 | MLF | 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 5,004.44 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *921.00* | |
| 27 15 23 00-0505 | MLF | 60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 5,557.04 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *1,013.10* | |
| 27 15 23 00-0506 | MLF | 72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 6,281.56 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *1,289.40* | |
| 27 15 23 00-0507 | MLF | 96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 7,792.00 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *1,903.40* | |
| 27 15 23 00-0508 | MLF | 120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 8,553.36 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *1,436.76* | |
| 27 15 23 00-0509 | MLF | 144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 10,505.88 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *3,499.80* | |

### 27 15 23 00-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

| | | | | |
|---|---|---|---|---|
| 27 15 23 00-0511 | MLF | 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,611.00 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *147.36* | |
| 27 15 23 00-0512 | MLF | 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,721.52 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *159.29* | |
| 27 15 23 00-0513 | MLF | 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,831.86 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *171.22* | |
| 27 15 23 00-0514 | MLF | 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 1,942.38 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *183.13* | |
| 27 15 23 00-0515 | MLF | 12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,228.67 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *196.97* | |
| 27 15 23 00-0516 | MLF | 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,509.40 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *230.82* | |
| 27 15 23 00-0517 | MLF | 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 2,853.40 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *250.71* | |
| 27 15 23 00-0518 | MLF | 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 3,519.24 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *309.76* | |
| 27 15 23 00-0519 | MLF | 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,197.52 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *354.90* | |
| 27 15 23 00-0520 | MLF | 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 4,878.14 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *395.21* | |
| 27 15 23 00-0521 | MLF | 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 5,593.80 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *440.71* | |
| 27 15 23 00-0522 | MLF | 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 7,046.07 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *519.66* | |
| 27 15 23 00-0523 | MLF | 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 8,593.32 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *537.20* | |
| 27 15 23 00-0524 | MLF | 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench | 10,019.04 | |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *554.56* | |

### 27 15 23 00-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0338)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 23 00-0526 | | Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0525)* | | |
| 27 15 23 00-0527 | | Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0526)* | | |
| 27 15 23 00-0528 | MLF | 2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 8,832.67 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *183.61* | |
| 27 15 23 00-0529 | MLF | 4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 8,866.62 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *188.36* | |
| 27 15 23 00-0530 | MLF | 6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 8,901.03 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *192.99* | |
| 27 15 23 00-0531 | MLF | 8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 8,934.99 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *189.30* | |
| 27 15 23 00-0532 | MLF | 12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 9,002.94 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *220.68* | |
| 27 15 23 00-0533 | MLF | 18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 9,137.11 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *229.43* | |
| 27 15 23 00-0534 | MLF | 24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 9,239.44 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *253.58* | |
| 27 15 23 00-0535 | MLF | 36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 9,482.73 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *243.14* | |
| 27 15 23 00-0536 | MLF | 48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 9,695.50 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *282.48* | |
| 27 15 23 00-0537 | MLF | 60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 9,871.38 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *270.87* | |
| 27 15 23 00-0538 | MLF | 72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 10,090.79 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *309.69* | |
| 27 15 23 00-0539 | MLF | 96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 10,666.63 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *314.54* | |
| 27 15 23 00-0540 | MLF | 120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 11,284.45 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *375.33* | |
| 27 15 23 00-0541 | MLF | 144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles | 11,432.56 | 3,005.21 |
| | | *For Corrugated Coated Steel Tape Armored Cable, Add* | *403.02* | |
| 27 15 23 00-0542 | | Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)* Note: Singlemode and multimode combination cable. Excludes conduit or innerduct. | | |
| 27 15 23 00-0543 | | Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)* | | |
| 27 15 23 00-0544 | MLF | 12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit | 3,692.10 | 659.96 |
| 27 15 23 00-0545 | MLF | 24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit | 4,686.30 | 659.96 |
| 27 15 23 00-0546 | MLF | 48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit | 6,901.03 | 659.96 |
| 27 15 23 00-0547 | | Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)* | | |
| 27 15 23 00-0548 | MLF | 12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit | 4,960.15 | 659.96 |
| 27 15 23 00-0549 | MLF | 24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit | 5,525.14 | 659.96 |
| 27 15 23 00-0550 | MLF | 48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit | 7,996.57 | 659.96 |
| 27 15 23 00-0551 | | Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)* Note: Singlemode and multimode combination cable. Excludes trenching. | | |
| 27 15 23 00-0552 | | Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)* | | |
| 27 15 23 00-0553 | MLF | 12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench | 3,582.10 | 604.96 |
| 27 15 23 00-0554 | MLF | 24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench | 4,576.30 | 604.96 |
| 27 15 23 00-0555 | MLF | 48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench | 6,791.03 | 604.96 |
| 27 15 23 00-0556 | | Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)* | | |
| 27 15 23 00-0557 | MLF | 12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench | 4,850.15 | 604.96 |
| 27 15 23 00-0558 | MLF | 24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench | 5,415.14 | 604.96 |
| 27 15 23 00-0559 | MLF | 48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench | 7,886.57 | 604.96 |
| **27 15 33** | | **Communications Coaxial Horizontal Cabling** *(27 15)* Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. | | |
| 27 15 33 00-0001 | | Indoor Coaxial Cable *(27 15 33)* | | |
| 27 15 33 00-0002 | | Coaxial Distribution Cable *(27 15 33 00-0001)* Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal. For tasks installed in conduit, tasks exclude conduit. | | |
| 27 15 33 00-0003 | MLF | RG-6/U Coaxial Distribution Cable, Installed In Conduit | 1,879.07 | 321.55 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 33 00-0004 | MLF | RG-6A/U Coaxial Distribution Cable, Installed In Conduit | 6,350.08 | 321.55 |
| 27 15 33 00-0005 | MLF | RG-8/U Coaxial Distribution Cable, Installed In Conduit | 3,463.71 | 339.64 |
| 27 15 33 00-0006 | MLF | RG-8A/U Coaxial Distribution Cable, Installed In Conduit | 4,303.56 | 339.64 |
| 27 15 33 00-0007 | MLF | RG-11/U Coaxial Distribution Cable, Installed In Conduit | 3,896.83 | 401.93 |
| 27 15 33 00-0008 | MLF | RG-11A/U Coaxial Distribution Cable, Installed In Conduit | 5,521.02 | 401.93 |
| 27 15 33 00-0009 | MLF | RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed | 11,729.76 | 562.71 |
| 27 15 33 00-0010 | MLF | RG-58/U Coaxial Distribution Cable, Installed In Conduit | 1,416.46 | 281.36 |
| 27 15 33 00-0011 | MLF | RG-58A/U Coaxial Distribution Cable, Installed In Conduit | 1,582.88 | 281.36 |
| 27 15 33 00-0012 | MLF | RG-58C/U Coaxial Distribution Cable, Installed In Conduit | 1,876.04 | 281.36 |
| 27 15 33 00-0013 | MLF | RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed | 4,494.33 | 562.71 |
| 27 15 33 00-0014 | MLF | RG-59/U Coaxial Distribution Cable, Installed In Conduit | 2,193.96 | 281.36 |
| 27 15 33 00-0015 | MLF | RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed | 5,366.60 | 562.71 |
| 27 15 33 00-0016 | MLF | 1/2" Hard Line Coaxial, Installed In Conduit | 1,952.56 | 401.93 |

27 15 33 00-0017 Coaxial, Indoor Telecommunications Cable *(27 15 33 00-0001)*

27 15 33 00-0018 Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 15 33 00-0017)*

| | | | | |
|---|---|---|---|---|
| 27 15 33 00-0019 | MLF | RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108) | 1,235.93 | 461.97 |
| 27 15 33 00-0020 | MLF | RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108) | 2,565.05 | 461.97 |
| 27 15 33 00-0021 | MLF | RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114) | 1,104.33 | 527.97 |
| 27 15 33 00-0022 | MLF | RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120) | 3,198.62 | 527.97 |

27 15 33 00-0023 Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 15 33 00-0017)*

| | | | | |
|---|---|---|---|---|
| 27 15 33 00-0024 | MLF | RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108) | 2,005.88 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 33 00-0025 | MLF | RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108) | 3,335.00 | 923.94 |
| | | *For Work In Restricted Working Space, Add* | *461.97* | |
| 27 15 33 00-0026 | MLF | RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114) | 1,984.28 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |
| 27 15 33 00-0027 | MLF | RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120) | 4,078.57 | 1,055.93 |
| | | *For Work In Restricted Working Space, Add* | *527.97* | |

27 15 33 00-0028 Outdoor Coaxial Cable *(27 15 33)*

27 15 33 00-0029 Coaxial Cables "Television" Copper Covered Aluminum Center Core *(27 15 33 00-0028)*

Note: Corrugated steel armor jacket.

| | | | | |
|---|---|---|---|---|
| 27 15 33 00-0030 | MLF | TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial | 5,611.64 | 1,504.46 |
| 27 15 33 00-0031 | MLF | TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial | 3,594.77 | 1,058.20 |
| 27 15 33 00-0032 | MLF | TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial | 2,897.69 | 624.31 |
| 27 15 33 00-0033 | MLF | TV Coaxial Cable Drop 1/4" Diameter, Direct Burial | 1,731.93 | 624.31 |
| 27 15 33 00-0034 | MLF | 1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit | 2,609.92 | 975.50 |

## 27 15 43 Communications Faceplates and Connectors *(27 15)*

27 15 43 00-0001 Plastic Communications Faceplates *(27 15 43)*

Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks.

| | | | | |
|---|---|---|---|---|
| 27 15 43 00-0002 | EA | One Port, Single Gang, Plastic Communication Faceplate With Station ID | 9.08 | 2.75 |
| 27 15 43 00-0003 | EA | Two Port, Single Gang, Plastic Communication Faceplate With Station ID | 9.08 | 2.75 |
| 27 15 43 00-0004 | EA | Three Port, Single Gang, Plastic Communication Faceplate With Station ID | 9.08 | 2.75 |
| 27 15 43 00-0005 | EA | Four Port, Single Gang, Plastic Communication Faceplate With Station ID | 9.08 | 2.75 |
| 27 15 43 00-0006 | EA | Six Port, Single Gang, Plastic Communication Faceplate With Station ID | 9.08 | 2.75 |
| 27 15 43 00-0007 | EA | Four Port, Double Gang, Plastic Communications Faceplate With Station ID | 15.07 | 2.75 |
| 27 15 43 00-0008 | EA | Six Port, Double Gang, Plastic Communication Faceplate With Station ID | 15.07 | 2.75 |
| 27 15 43 00-0009 | EA | Eight Port, Double Gang, Plastic Communication Faceplate With Station ID | 15.07 | 2.75 |
| 27 15 43 00-0010 | EA | Nine Port, Double Gang, Plastic Communication Faceplate With Station ID | 15.07 | 2.75 |
| 27 15 43 00-0011 | EA | Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID | 15.07 | 2.75 |

27 15 43 00-0012 Stainless Steel Communications Faceplates *(27 15 43)*

Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks.

27 15 43 00-0013 Stainless Steel Communications Faceplates *(27 15 43 00-0012)*

| | | | | |
|---|---|---|---|---|
| 27 15 43 00-0014 | EA | One Port, Single Gang, Stainless Steel Communications Faceplate | 17.72 | 2.75 |
| 27 15 43 00-0015 | EA | Two Port, Single Gang, Stainless Steel Communications Faceplate | 17.72 | 2.75 |
| 27 15 43 00-0016 | EA | Three Port, Single Gang, Stainless Steel Communications Faceplate | 17.72 | 2.75 |
| 27 15 43 00-0017 | EA | Four Port, Single Gang, Stainless Steel Communications Faceplate | 18.99 | 2.75 |
| 27 15 43 00-0018 | EA | Six Port, Single Gang, Stainless Steel Communications Faceplate | 18.99 | 2.75 |
| 27 15 43 00-0019 | EA | Four Port, Double Gang, Stainless Steel Communications Faceplate | 25.80 | 2.75 |
| 27 15 43 00-0020 | EA | Six Port, Double Gang, Stainless Steel Communications Faceplate | 26.60 | 2.75 |
| 27 15 43 00-0021 | EA | Eight Port, Double Gang, Stainless Steel Communications Faceplate | 30.88 | 2.75 |
| 27 15 43 00-0022 | EA | Nine Port, Double Gang, Stainless Steel Communication Faceplate | 30.88 | 2.75 |
| 27 15 43 00-0023 | EA | Twelve Port, Double Gang, Stainless Steel Communications Faceplate | 30.88 | 2.75 |

27 15 43 00-0024 Stainless Steel Communications Faceplates With Station ID *(27 15 43 00-0012)*

| | | | | |
|---|---|---|---|---|
| 27 15 43 00-0025 | EA | One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID | 25.65 | 2.75 |
| 27 15 43 00-0026 | EA | Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID | 25.65 | 2.75 |
| 27 15 43 00-0027 | EA | Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID | 25.65 | 2.75 |
| 27 15 43 00-0028 | EA | Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID | 25.65 | 2.75 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 43 00-0029 | EA | Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID | 25.65 | 2.75 |
| 27 15 43 00-0030 | EA | Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID | 55.93 | 2.75 |
| 27 15 43 00-0031 | EA | Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID | 55.93 | 2.75 |
| 27 15 43 00-0032 | EA | Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID | 55.93 | 2.75 |
| 27 15 43 00-0033 | EA | Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID | 55.93 | 2.75 |
| 27 15 43 00-0034 | EA | Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID | 55.93 | 2.75 |
| 27 15 43 00-0035 | | **Snap-In Modular Jacks** *(27 15 43)* | | |
| | | Note: Includes termination. | | |
| 27 15 43 00-0036 | EA | Cat 3, Snap-In Modular Jack | 31.07 | 11.02 |
| 27 15 43 00-0037 | EA | Category 5E, Snap-In Modular Jack | 32.81 | 11.02 |
| 27 15 43 00-0038 | EA | Category 5E Shielded, Snap-In Modular Jack | 38.04 | 11.02 |
| 27 15 43 00-0039 | EA | Cat 6, Snap-In Modular Jack | 38.04 | 11.02 |
| 27 15 43 00-0040 | EA | Cat 6 Shielded, Snap-In Modular Jack | 43.91 | 11.02 |
| 27 15 43 00-0041 | EA | Cat 6A, Snap-In Modular Jack | 44.80 | 11.02 |
| 27 15 43 00-0042 | EA | Voice, RJ-11, Snap-In Modular Jack | 21.98 | 5.51 |
| 27 15 43 00-0043 | EA | SC Type Fiber Optic, Snap-In Modular Jack | 35.03 | 11.02 |
| 27 15 43 00-0044 | EA | ST Type Fiber Optic, Snap-In Modular Jack | 39.47 | 11.02 |
| 27 15 43 00-0045 | EA | LC Type Fiber Optic, Snap-In Modular Jack | 48.19 | 11.02 |
| 27 15 43 00-0046 | EA | Blank Fill In, Snap-In Modular Jack | 6.33 | 2.75 |
| 27 15 43 00-0047 | EA | Open Cable Pass Through Insert, Snap-In Modular Jack | 7.44 | 2.75 |
| 27 15 43 00-0048 | EA | Coaxial F-Type Coupler, Snap-In Modular Jack | 26.20 | 8.26 |
| | | Note: Includes female to female connection. | | |
| | | *For Gold Bulkhead, Add* | *1.69* | |
| 27 15 43 00-0049 | EA | RCA Jack Pass-Through Coupler, Snap-In Modular Jack | 26.52 | 8.26 |
| | | Note: Includes female to female connection. | | |
| 27 15 43 00-0050 | EA | RCA Solder Coupler, Snap-In Modular Jack | 51.53 | 11.02 |
| 27 15 43 00-0051 | EA | RCA Jack With 110 Punch Down, Snap-In Modular Jack | 64.37 | 11.02 |
| 27 15 43 00-0052 | EA | 3.5 m Mini Stereo Jack, Snap-In Modular Jack | 32.34 | 11.02 |
| 27 15 43 00-0053 | EA | MT-RJ Pass-Through Coupler, Snap-In Modular Jack | 35.56 | 5.51 |
| 27 15 43 00-0054 | EA | BNC Connector, Snap-In Modular Jack | 37.57 | 11.02 |
| 27 15 43 00-0055 | EA | S-Video With 110 Punch Down, Snap-In Modular Jack | 42.32 | 11.02 |
| 27 15 43 00-0056 | PR | Speaker Connectors, Snap-In Modular Jack | 56.36 | 16.53 |
| | | Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports. | | |
| 27 15 43 00-0057 | EA | USB Audio Video Connector, Snap-In Modular Jack | 64.20 | 11.02 |
| 27 15 43 00-0058 | | **Surface Mount Plastic Communication Boxes** *(27 15 43)* | | |
| | | Note: Excludes modular jacks. See CSI section 27 15 43 00-0035 for modular jacks. | | |
| 27 15 43 00-0059 | EA | One Port, Surface Mount Plastic Communication Box With Station ID | 32.07 | 13.78 |
| 27 15 43 00-0060 | EA | Two Port, Surface Mount Plastic Communication Box With Station ID | 32.86 | 13.78 |
| 27 15 43 00-0061 | EA | Four Port, Surface Mount Plastic Communication Box With Station ID | 38.33 | 13.78 |
| 27 15 43 00-0062 | EA | Six Port, Surface Mount Plastic Communication Box With Station ID | 44.83 | 13.78 |
| 27 15 43 00-0063 | EA | Twelve Port, Surface Mount Plastic Communication Box With Station ID | 51.65 | 13.78 |
| 27 15 43 00-0064 | | **Wall Mounted Telephone Faceplates** *(27 15 43)* | | |
| | | Note: Includes standard telephone mounting studs. | | |
| 27 15 43 00-0065 | | **Plastic Faceplates For Wall Mounted Telephones** *(27 15 43 00-0064)* | | |
| 27 15 43 00-0066 | EA | Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones | 38.89 | 13.75 |
| 27 15 43 00-0067 | | **Stainless Steel Faceplates For Wall Mounted Telephones** *(27 15 43 00-0064)* | | |
| 27 15 43 00-0068 | EA | Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones | 33.20 | 5.50 |
| | | Note: Requires one snap-in modular jack. | | |
| 27 15 43 00-0069 | EA | Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones | 57.48 | 13.75 |
| 27 15 43 00-0070 | EA | Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones | 66.87 | 16.50 |
| 27 15 43 00-0071 | EA | Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones | 31.90 | 5.50 |
| | | Note: Requires one snap-in modular jack. | | |
| 27 15 43 00-0072 | EA | Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones | 52.00 | 13.75 |
| 27 15 43 00-0073 | EA | Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones | 61.54 | 16.50 |
| **27 15 53** | | **Communications Cable Innerduct** *(27 15)* | | |
| | | Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. | | |
| 27 15 53 00-0001 | | **Indoor Innerduct** *(27 15 53)* | | |
| 27 15 53 00-0002 | | **Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0001)* | | |
| 27 15 53 00-0003 | | **Riser Rated, Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0002)* | | |
| 27 15 53 00-0004 | MLF | 1" Riser Rated, Indoor Innerduct, Installed In Conduit | 4,343.23 | 1,649.89 |
| 27 15 53 00-0005 | MLF | 1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit | 5,620.76 | 2,199.86 |
| 27 15 53 00-0006 | MLF | 1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit | 7,475.52 | 2,749.82 |
| 27 15 53 00-0007 | MLF | 2" Riser Rated, Indoor Innerduct, Installed In Conduit | 8,730.84 | 3,299.79 |
| 27 15 53 00-0008 | | **Plenum Rated, Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0002)* | | |
| 27 15 53 00-0009 | MLF | 3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit | 6,428.48 | 1,099.93 |
| 27 15 53 00-0010 | MLF | 1" Plenum Rated, Indoor Innerduct, Installed In Conduit | 7,200.41 | 1,649.89 |
| 27 15 53 00-0011 | MLF | 1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit | 9,097.07 | 2,199.86 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 15 53 00-0012 | MLF | 1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit | 11,690.85 | 2,749.82 |
| 27 15 53 00-0013 | MLF | 2" Plenum Rated, Indoor Innerduct, Installed In Conduit | 14,068.85 | 3,299.79 |
| 27 15 53 00-0014 | | Indoor Innerduct, Installed Exposed *(27 15 53 00-0001)* | | |
| 27 15 53 00-0015 | | Riser Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)* | | |
| 27 15 53 00-0016 | MLF | 1" Riser Rated, Indoor Innerduct, Installed Exposed | 5,443.16 | 2,199.86 |
| | | *For Work In Restricted Working Space, Add* | *1,319.92* | |
| 27 15 53 00-0017 | MLF | 1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed | 6,720.69 | 2,749.82 |
| | | *For Work In Restricted Working Space, Add* | *1,649.90* | |
| 27 15 53 00-0018 | MLF | 1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed | 8,575.44 | 3,299.79 |
| | | *For Work In Restricted Working Space, Add* | *1,979.87* | |
| 27 15 53 00-0019 | MLF | 2" Riser Rated, Indoor Innerduct, Installed Exposed | 9,830.76 | 3,849.75 |
| | | *For Work In Restricted Working Space, Add* | *2,309.85* | |
| 27 15 53 00-0020 | | Plenum Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)* | | |
| 27 15 53 00-0021 | MLF | 3/4" Plenum Rated, Indoor Innerduct, Installed Exposed | 7,528.41 | 1,649.89 |
| 27 15 53 00-0022 | MLF | 1" Plenum Rated, Indoor Innerduct, Installed Exposed | 8,300.34 | 2,199.86 |
| | | *For Work In Restricted Working Space, Add* | *1,319.92* | |
| 27 15 53 00-0023 | MLF | 1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed | 10,197.00 | 2,749.82 |
| | | *For Work In Restricted Working Space, Add* | *1,649.90* | |
| 27 15 53 00-0024 | MLF | 1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed | 12,790.77 | 3,299.79 |
| | | *For Work In Restricted Working Space, Add* | *1,979.87* | |
| 27 15 53 00-0025 | MLF | 2" Plenum Rated, Indoor Innerduct, Installed Exposed | 15,168.77 | 3,849.75 |
| | | *For Work In Restricted Working Space, Add* | *2,309.85* | |
| 27 15 53 00-0026 | | Outdoor Innerduct *(27 15 53)* | | |
| 27 15 53 00-0027 | | Outdoor Innerduct, Installed In Conduit *(27 15 53 00-0026)* | | |
| 27 15 53 00-0028 | MLF | 1" Outdoor Innerduct, Installed In Conduit | 4,076.82 | 1,649.89 |
| 27 15 53 00-0029 | MLF | 1-1/4" Outdoor Innerduct, Installed In Conduit | 5,227.90 | 2,199.86 |
| 27 15 53 00-0030 | MLF | 1-1/2" Outdoor Innerduct, Installed In Conduit | 6,681.17 | 2,749.82 |
| 27 15 53 00-0031 | MLF | 2" Outdoor Innerduct, Installed In Conduit | 7,979.12 | 3,299.79 |
| 27 15 53 00-0032 | | Outdoor Innerduct, Buried In Trench *(27 15 53 00-0026)* | | |
| 27 15 53 00-0033 | MLF | 1" Outdoor Innerduct, Buried In Trench | 2,976.89 | |
| 27 15 53 00-0034 | MLF | 1-1/4" Outdoor Innerduct, Buried In Trench | 4,127.97 | |
| 27 15 53 00-0035 | MLF | 1-1/2" Outdoor Innerduct, Buried In Trench | 5,581.24 | |
| 27 15 53 00-0036 | MLF | 2" Outdoor Innerduct, Buried In Trench | 6,879.20 | |

## 27 16 Communications Connecting Cords, Devices, and Adapters *(27 10)*

### 27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*

| | | | | |
|---|---|---|---|---|
| 27 16 16 00-0001 | | Fiber Optic Receivers *(27 16 16)* | | |
| 27 16 16 00-0002 | EA | Fiber Optic Receiver, Range 6.2 Miles | 797.17 | 54.99 |
| 27 16 16 00-0003 | | Fiber Optic Transmitters *(27 16 16)* | | |
| 27 16 16 00-0004 | EA | Fiber Optic Transmitter, Range 6.2 Miles | 797.16 | 54.99 |
| 27 16 16 00-0005 | | Fiber Optic Repeaters *(27 16 16)* | | |
| | | Note: Consist of transmitter and receiver, back-to-back. Excludes power source. | | |
| 27 16 16 00-0006 | EA | Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power | 907.16 | 109.99 |
| 27 16 16 00-0007 | EA | Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power | 1,431.03 | 219.99 |
| 27 16 16 00-0008 | | Fiber Optic Transceivers *(27 16 16)* | | |
| 27 16 16 00-0009 | EA | Fiber Optic Transceivers, 3,000 Miles Range | 964.89 | 219.99 |
| 27 16 16 00-0010 | EA | Fiber Optic Transceivers, Digital 2,000 Miles Range | 964.89 | 219.99 |
| 27 16 16 00-0011 | EA | Fiber Optic Ethernet Transceiver | 1,264.53 | 329.97 |
| 27 16 16 00-0012 | EA | Transceiver (Low Cost Bi- Directional) | 452.56 | 82.49 |

### 27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire *(27 16)*

| | | | | |
|---|---|---|---|---|
| 27 16 19 00-0001 | | Fiber Optic Patch Cords *(27 16 19)* | | |
| 27 16 19 00-0002 | | Simplex Fiber Optic Patch Cables *(27 16 19 00-0001)* | | |
| 27 16 19 00-0003 | | Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0002)* | | |
| 27 16 19 00-0004 | EA | ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable | 49.08 | |
| | | *For Each Additional Meter In Length, Add* | *0.26* | |
| 27 16 19 00-0005 | EA | ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable | 39.88 | |
| | | *For Each Additional Meter In Length, Add* | *0.26* | |
| 27 16 19 00-0006 | EA | ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable | 51.84 | |
| | | *For Each Additional Meter In Length, Add* | *0.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 16 19 00-0007 | EA | SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable | 41.98 | |
| | | *For Each Additional Meter In Length, Add* | *0.26* | |
| 27 16 19 00-0008 | EA | SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable | 48.69 | |
| | | *For Each Additional Meter In Length, Add* | *0.26* | |
| 27 16 19 00-0009 | EA | LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable | 47.95 | |
| | | *For Each Additional Meter In Length, Add* | *0.26* | |

## 27 16 19 00-0010 Duplex Fiber Optic Patch Cables *(27 16 19 00-0001)*

## 27 16 19 00-0011 Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0010)*

| | | | | |
|---|---|---|---|---|
| 27 16 19 00-0012 | EA | ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable | 86.05 | |
| | | *For Each Additional Meter In Length, Add* | *0.51* | |
| 27 16 19 00-0013 | EA | ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable | 83.46 | |
| | | *For Each Additional Meter In Length, Add* | *0.51* | |
| 27 16 19 00-0014 | EA | ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable | 92.67 | |
| | | *For Each Additional Meter In Length, Add* | *0.51* | |
| 27 16 19 00-0015 | EA | SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable | 71.88 | |
| | | *For Each Additional Meter In Length, Add* | *0.51* | |
| 27 16 19 00-0016 | EA | SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable | 85.28 | |
| | | *For Each Additional Meter In Length, Add* | *0.51* | |
| 27 16 19 00-0017 | EA | LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable | 83.82 | |
| | | *For Each Additional Meter In Length, Add* | *0.51* | |

## 27 16 19 00-0018 Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0010)*

| | | | | |
|---|---|---|---|---|
| 27 16 19 00-0019 | EA | ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 64.79 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |
| 27 16 19 00-0020 | EA | ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 70.80 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |
| 27 16 19 00-0021 | EA | ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 71.42 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |
| 27 16 19 00-0022 | EA | ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 73.35 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |
| 27 16 19 00-0023 | EA | SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 65.04 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |
| 27 16 19 00-0024 | EA | SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 73.69 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |
| 27 16 19 00-0025 | EA | SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 86.73 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |
| 27 16 19 00-0026 | EA | MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 59.50 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |
| 27 16 19 00-0027 | EA | LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable | 72.56 | |
| | | *For Each Additional Meter In Length, Add* | *1.48* | |

## 27 16 19 00-0028 Fiber Optic Cable Pig Tail *(27 16 19)*

| | | | | |
|---|---|---|---|---|
| 27 16 19 00-0029 | EA | Simplex Fiber Optic Cable Pig Tail | 76.07 | 38.49 |
| 27 16 19 00-0030 | EA | Duplex Fiber Optic Cable Pig Tail | 97.89 | 38.49 |

## 27 16 19 00-0031 Ethernet Patch Cords *(27 16 19)*

| | | | |
|---|---|---|---|
| 27 16 19 00-0032 | EA | 3' Category 5E Patch Cables With Boots | 16.59 |
| 27 16 19 00-0033 | EA | 5' Category 5E Patch Cables With Boots | 18.23 |
| 27 16 19 00-0034 | EA | 7' Category 5E Patch Cables With Boots | 19.88 |
| 27 16 19 00-0035 | EA | 10' Category 5E Patch Cables With Boots | 28.87 |
| 27 16 19 00-0036 | EA | 15' Category 5E Patch Cables With Boots | 36.09 |
| 27 16 19 00-0037 | EA | 25' Category 5E Patch Cables With Boots | 48.59 |
| 27 16 19 00-0038 | EA | 3' Category 6 Patch Cables With Boots | 18.54 |
| 27 16 19 00-0039 | EA | 5' Category 6 Patch Cables With Boots | 22.71 |
| 27 16 19 00-0040 | EA | 7' Category 6 Patch Cables With Boots | 22.79 |
| 27 16 19 00-0041 | EA | 10' Category 6 Patch Cables With Boots | 26.88 |
| 27 16 19 00-0042 | EA | 15' Category 6 Patch Cables With Boots | 35.47 |
| 27 16 19 00-0043 | EA | 25' Category 6 Patch Cables With Boots | 45.21 |
| 27 16 19 00-0044 | EA | 50' Category 6 Patch Cables With Boots | 72.63 |
| 27 16 19 00-0045 | EA | 100' Category 6 Patch Cables With Boots | 127.37 |
| 27 16 19 00-0046 | EA | 3' Category 6A Patch Cables With Boots | 35.49 |
| 27 16 19 00-0047 | EA | 5' Category 6A Patch Cables With Boots | 37.97 |
| 27 16 19 00-0048 | EA | 7' Category 6A Patch Cables With Boots | 39.82 |
| 27 16 19 00-0049 | EA | 10' Category 6A Patch Cables With Boots | 45.34 |
| 27 16 19 00-0050 | EA | 15' Category 6A Patch Cables With Boots | 54.88 |
| 27 16 19 00-0051 | EA | 25' Category 6A Patch Cables With Boots | 70.84 |
| 27 16 19 00-0052 | EA | 50' Category 6A Patch Cables With Boots | 106.68 |
| 27 16 19 00-0053 | EA | 100' Category 6A Patch Cables With Boots | 189.31 |
| 27 16 19 00-0054 | EA | 3' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E03-06) | 16.59 |
| 27 16 19 00-0055 | EA | 5' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E05-06) | 18.23 |
| 27 16 19 00-0056 | EA | 7' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E07-06) | 19.88 |
| 27 16 19 00-0057 | EA | 10' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E10-06) | 28.87 |
| 27 16 19 00-0058 | EA | 15' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E15-06) | 36.09 |
| 27 16 19 00-0059 | EA | 25' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E25-06) | 48.59 |
| 27 16 19 00-0060 | EA | 3' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC603-06) | 18.54 |
| 27 16 19 00-0061 | EA | 5' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC605-06) | 22.71 |
| 27 16 19 00-0062 | EA | 7' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC607-06) | 22.79 |
| 27 16 19 00-0063 | EA | 10' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC610-06) | 26.88 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 16 19 00-0064 | EA | 15' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC615-06) | 35.47 | |
| 27 16 19 00-0065 | EA | 25' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC625-06) | 45.21 | |
| 27 16 19 00-0066 | EA | 3' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A03-09) | 35.49 | |
| 27 16 19 00-0067 | EA | 5' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A05-09) | 37.97 | |
| 27 16 19 00-0068 | EA | 7' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A07-09) | 39.82 | |
| 27 16 19 00-0069 | EA | 10' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A10-09) | 45.34 | |
| 27 16 19 00-0070 | EA | 15' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A15-09) | 54.88 | |
| 27 16 19 00-0071 | EA | 25' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A25-09) | 70.84 | |
| 27 16 19 00-0072 | | Cross Connect Wire *(27 16 19)* | | |
| | | Note: Up to 20' length. | | |
| 27 16 19 00-0073 | EA | 2-Pair Cross Connect Wire | 17.51 | |
| 27 16 19 00-0074 | EA | 3-Pair Cross Connect Wire | 23.44 | |
| 27 16 19 00-0075 | EA | 4-Pair Cross Connect Wire | 29.32 | |

# 27 20 Data Communications *(27)*

## 27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

### 27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

| | | | | |
|---|---|---|---|---|
| 27 21 16 00-0001 | | Fiber Optic Modems *(27 21 16)* | | |
| 27 21 16 00-0002 | EA | Fiber Optic Modems, Range 6.2 Miles | 1,585.26 | 219.99 |
| 27 21 16 00-0003 | EA | Fiber Optic Modem, Range 3.1 Miles, 12 Channel | 3,016.87 | 219.99 |
| 27 21 16 00-0004 | | Ethernet Hubs and Switches *(27 21 16)* | | |
| 27 21 16 00-0005 | EA | 16 Port Managed Hub With Fiberport And Standard Management | 3,592.55 | 165.29 |
| 27 21 16 00-0006 | EA | 12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E) | 4,970.72 | 110.19 |
| 27 21 16 00-0007 | EA | Power Supply (Cisco PWR-IE170W-PC-AC) | 1,471.80 | 55.09 |

### 27 21 26 Data Communications Network Management *(27 21)*

| | | | | |
|---|---|---|---|---|
| 27 21 26 00-0001 | | Data Communications Network Management *(27 21 26)* | | |
| 27 21 26 00-0002 | EA | 3 Port, Terminal/Serial Device Server (Comtrol 99560-9) | 605.21 | 27.50 |
| 27 21 26 00-0003 | EA | 2 Port, Terminal/Serial Device Server (Comtrol 99550-0) | 465.05 | 27.50 |
| 27 21 26 00-0004 | EA | 4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9) | 650.23 | 27.50 |
| 27 21 26 00-0005 | EA | 4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0) | 1,021.55 | 27.50 |
| 27 21 26 00-0006 | EA | 24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020) | 94.60 | |
| 27 21 26 00-0007 | EA | Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2) | 450.90 | 16.50 |
| 27 21 26 00-0008 | EA | Sennetech Code Translator (Pelco SCT_100_AD232) | 751.17 | 27.50 |
| 27 21 26 00-0009 | EA | VPN Router (Cisco 819HG) | 4,474.37 | 352.61 |
| 27 21 26 00-0010 | EA | Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC) | 3,203.25 | 352.61 |
| 27 21 26 00-0011 | EA | WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+) | 16,686.75 | 131.99 |
| 27 21 26 00-0012 | EA | SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis,2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV) | 523.83 | |
| 27 21 26 00-0013 | EA | Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8) | 11,356.56 | 131.99 |
| 27 21 26 00-0014 | EA | Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2) | 24,653.54 | 131.99 |
| 27 21 26 00-0015 | EA | Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E) | 580.89 | 11.02 |
| 27 21 26 00-0016 | EA | Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV) | 4,281.02 | 13.75 |
| 27 21 26 00-0017 | EA | Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2) | 3,694.30 | 13.75 |
| 27 21 26 00-0018 | EA | 13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US) | 66.16 | 5.51 |
| 27 21 26 00-0019 | EA | 1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=) | 213.38 | 54.99 |
| 27 21 26 00-0020 | EA | Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850--24TS) | 3,256.02 | 131.99 |
| 27 21 26 00-0021 | EA | SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS) | 689.24 | |
| 27 21 26 00-0022 | EA | North America AC Type A Power Cable (Cisco CAB-TA-NA) | 22.13 | 5.51 |
| 27 21 26 00-0023 | EA | 350 Watt AC Power Supply (Cisco PWR-C1-350WAC) | 288.04 | 13.75 |
| 27 21 26 00-0024 | EA | Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G) | 716.80 | 13.78 |
| 27 21 26 00-0025 | EA | 1' (30cm), Catalyst 3750X Stack Power Cable (Cisco CAB-SPWR-30CM) | 105.08 | 5.51 |
| 27 21 26 00-0026 | EA | Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC) | 3,850.61 | 131.99 |
| 27 21 26 00-0027 | EA | SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8) | 691.99 | |
| 27 21 26 00-0028 | EA | IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA) | 613.36 | 13.75 |
| 27 21 26 00-0029 | EA | IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IAR) | 623.01 | 13.75 |
| 27 21 26 00-0030 | EA | 4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC) | 1,330.14 | 131.99 |
| 27 21 26 00-0031 | EA | Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC) | 337.71 | 13.78 |
| 27 21 26 00-0032 | EA | 4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM) | 1,585.25 | 13.78 |
| 27 21 26 00-0033 | EA | Router (CISCO IR829) | 1,419.77 | 55.09 |

### 27 21 29 Data Communications Switches and Hubs *(27 21)*

| | | | | |
|---|---|---|---|---|
| 27 21 29 00-0001 | | Data Communications Multimedia Modular Patch Panels *(27 21 29)* | | |
| | | Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0035 for modular jacks. | | |
| 27 21 29 00-0002 | EA | 12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded | 123.62 | 5.50 |
| 27 21 29 00-0003 | EA | 16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded | 136.69 | 5.50 |
| 27 21 29 00-0004 | EA | 24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded | 161.98 | 5.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 21 29 00-0005 | EA | 36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded | 169.74 | 5.50 |
| 27 21 29 00-0006 | EA | 48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded | 185.28 | 6.88 |
| 27 21 29 00-0007 | EA | 24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded | 176.18 | 5.50 |
| 27 21 29 00-0008 | EA | 48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded | 221.12 | 6.88 |
| 27 21 29 00-0009 | EA | Rack Mount Rear Cable Management Bar | 58.86 | 6.88 |

### 27 21 33 Data Communications Wireless Access Points *(27 21)*

#### 27 21 33 00-0001 Data Communications Wireless Access Points *(27 21 33)*

| | | | | |
|---|---|---|---|---|
| 27 21 33 00-0002 | EA | Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU) | 4,357.05 | 164.99 |
| 27 21 33 00-0003 | EA | Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1) | 10,460.50 | 164.99 |
| 27 21 33 00-0004 | EA | Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9) | 10,460.50 | 164.99 |
| 27 21 33 00-0005 | EA | Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA) | 1,708.14 | 164.99 |
| 27 21 33 00-0006 | EA | Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR) | 2,008.79 | 187.13 |
| 27 21 33 00-0007 | EA | Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G) | 5,604.69 | 187.13 |
| 27 21 33 00-0008 | EA | Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G) | 8,511.11 | 187.13 |
| 27 21 33 00-0009 | EA | Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G) | 8,511.11 | 187.13 |
| 27 21 33 00-0010 | EA | 50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50) | 1,747.08 | 62.38 |
| 27 21 33 00-0011 | EA | 100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100) | 1,771.48 | 62.38 |
| 27 21 33 00-0012 | EA | Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G) | 166.15 | 31.18 |
| 27 21 33 00-0013 | EA | FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM) | 1,516.35 | |
| 27 21 33 00-0014 | EA | 1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR) | 542.84 | 54.99 |
| 27 21 33 00-0015 | EA | Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-WH) | 450.13 | 54.99 |
| 27 21 33 00-0016 | EA | Cell LTE MIMO Antenna (Sierra Wireless 1810075) | 80.11 | 21.99 |
| 27 21 33 00-0017 | EA | AirLink GX400 Power Adapter (Sierra Wireless 2700384) | 70.27 | |
| 27 21 33 00-0018 | EA | AirLink GX400 Power Cable (Sierra Wireless 2000380) | 41.06 | |
| 27 21 33 00-0019 | EA | Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL) | 289.11 | 54.99 |
| 27 21 33 00-0020 | EA | Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL) | 290.90 | 54.99 |
| 27 21 33 00-0021 | EA | 2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D) | 396.64 | 55.09 |
| 27 21 33 00-0022 | EA | Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS) | 1,000.95 | 82.64 |
| 27 21 33 00-0023 | EA | Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged) | 1,279.97 | 82.64 |
| 27 21 33 00-0024 | EA | Magnetic Mount Cellular Antenna (Wilson Electronics 301125) | 72.08 | 16.50 |
| 27 21 33 00-0025 | EA | Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K) | 274.28 | 62.38 |
| 27 21 33 00-0026 | EA | Andrew® Omni Antenna, 890–960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38–51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y) | 892.37 | 62.38 |
| 27 21 33 00-0027 | EA | Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC) | 4,376.65 | 55.09 |
| 27 21 33 00-0028 | EA | Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150) | 2,223.33 | 54.99 |

## 27 30 Voice Communications *(27)*

### 27 31 Voice Communications Switching and Routing Equipment *(27 30)*

Note: Includes testing of new devices and certification.

### 27 31 13 PBX/Key Systems *(27 31)*

#### 27 31 13 00-0001 Interior PBX Telephone System *(27 31 13)*

Note: Includes telephone instruments cabling and solid state switching.

#### 27 31 13 00-0002 Interior PBX Telephone System *(27 31 13 00-0001)*

Note: Cost is for each line up to 1000 lines.

| | | | | |
|---|---|---|---|---|
| 27 31 13 00-0003 | EA | 1 Line PBX Connection, Cost Per Each Line Up To 1,000 | 1,697.01 | 573.36 |

#### 27 31 13 00-0004 Additional Telephones Less Solid State Switching (PBX) *(27 31 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 27 31 13 00-0005 | EA | Add For Each Additional PBX Phone Line Less Solid State Switching | 570.98 | 45.10 |

#### 27 31 13 00-0006 Telephones *(27 31 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 27 31 13 00-0007 | EA | Telephones, Desk Type Intercommunication Equipment | 222.16 | 42.89 |
| 27 31 13 00-0008 | EA | Telephones, Wall Type Intercommunication Equipment | 251.07 | 57.20 |

### 27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

### 27 32 13 Telephone Sets *(27 32)*

#### 27 32 13 00-0001 Interior Telephone Components *(27 32 13)*

| | | | | |
|---|---|---|---|---|
| 27 32 13 00-0002 | EA | Solid State Exchange Unit With Power Supply | 6,755.79 | 1,005.12 |
| 27 32 13 00-0003 | EA | Dial Telephone - Handset In Cabinet | 811.36 | 82.16 |
| 27 32 13 00-0004 | EA | Elevator Cab Telephone With Trailer Cable | 411.59 | 88.10 |
| 27 32 13 00-0005 | EA | Loud Ring Bell, 6" | 322.92 | 81.73 |
| 27 32 13 00-0006 | EA | Audio/Visual Indicator | 411.56 | 77.00 |
| 27 32 13 00-0007 | EA | Administrative Telephone With Digital Display | 428.71 | 69.08 |
| 27 32 13 00-0008 | EA | Processing Unit For 16 Station System | 2,123.60 | 563.49 |
| 27 32 13 00-0009 | EA | Handset For 16 Station System | 302.26 | 56.10 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 32 13 00-0010 | EA | Handset In Cabinet, For 16 Station System | 409.43 | 75.67 |
| 27 32 13 00-0011 | MLF | 20 Conductor Unshielded Cable, #22 | 2,733.21 | 1,212.89 |
| 27 32 13 00-0012 | EA | Power Supply For 16 Station System | 379.79 | 149.70 |
| 27 32 13 00-0013 | EA | Intercom Terminal Board | 335.49 | 168.51 |
| 27 32 13 00-0014 | EA | Power Supply For Five Station System, 24 Volt DC | 394.82 | 149.70 |
| 27 32 13 00-0015 | EA | Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick | 192.58 | 61.49 |
| 27 32 13 00-0016 | EA | Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep | 602.63 | 135.35 |
| 27 32 13 00-0017 | EA | Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep | 711.71 | 153.84 |
| 27 32 13 00-0018 | EA | Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep | 863.20 | 182.08 |
| 27 32 13 00-0019 | EA | Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep | 1,018.88 | 196.85 |
| 27 32 13 00-0020 | EA | Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep | 1,589.40 | 223.98 |
| 27 32 13 00-0021 | EA | Ring Rung 3" | 11.87 | 6.13 |
| 27 32 13 00-0022 | EA | G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID | 29.71 | 10.89 |
| 27 32 13 00-0023 | EA | G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing | 53.95 | 22.32 |

### 27 32 13 00-0024 Interior Telephone Accessories *(27 32 13)*

| | | | | |
|---|---|---|---|---|
| 27 32 13 00-0025 | EA | Blank Telephone Receptacle, Exposed Devices - Complete | 12.42 | 5.94 |
| 27 32 13 00-0026 | EA | 4-Pin Telephone Receptacle, Exposed Devices - Complete | 27.69 | 22.88 |
| 27 32 13 00-0027 | EA | Dual Flush Mounted, Level 5, RJ-45 Jack, Complete | 70.01 | 25.12 |
| 27 32 13 00-0028 | EA | Wall Mount, Level 5, RJ-45 Jack, Complete | 65.62 | 25.12 |
| 27 32 13 00-0029 | EA | Terminating Strips, Inside | 133.43 | 50.24 |
| 27 32 13 00-0030 | EA | Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete | 56.77 | 25.85 |
| 27 32 13 00-0031 | EA | Ready Access Closure 3 To 25 Pair | 161.37 | 60.61 |
| 27 32 13 00-0032 | EA | Ready Access Closure 25 To 100 Pair | 190.25 | 67.75 |
| 27 32 13 00-0033 | EA | Termination Block With Bracket 25 Pair | 62.27 | 20.35 |
| 27 32 13 00-0034 | EA | RJ-11 Telephone Receptacle, Concealed Devices - Complete | 55.69 | 25.52 |
| 27 32 13 00-0035 | EA | Interior Protected Terminal 25 Pair | 751.26 | 146.95 |
| 27 32 13 00-0036 | EA | Interior Protected Terminal 50 Pair | 903.06 | 149.26 |
| 27 32 13 00-0037 | EA | Pedestal 6" x 6" x 50" 3 To 100 Pair | 297.86 | 61.16 |
| 27 32 13 00-0038 | EA | Pedestal 8" x 8" x 50" 100 To 300 Pair | 308.40 | 61.16 |
| 27 32 13 00-0039 | EA | Pedestal 10" x 10" x 43" 300 To 600 Pair | 408.51 | 78.20 |
| 27 32 13 00-0040 | EA | Pedestal 10" x 16" x 439 600 Pair | 858.26 | 140.90 |
| 27 32 13 00-0041 | EA | Entrance Protector Terminal 100 Pair | 1,204.62 | 160.81 |
| 27 32 13 00-0042 | EA | Gas Protection Module | 17.20 | 5.50 |
| 27 32 13 00-0043 | EA | Terminating Boxes, Outside With 3 Element Protectors, Per Pair | 32.02 | 5.02 |

## 27 32 26 Ring-Down Emergency Telephones *(27 32)*

### 27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Includes CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

| | | | | |
|---|---|---|---|---|
| 27 32 26 00-0002 | EA | Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s)<br>Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, hard wire phone line, passive vent at top, 24V AC, and standard color. | 10,129.35 | 461.42 |
| 27 32 26 00-0003 | EA | Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d)<br>Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color. | 10,651.42 | 461.42 |
| 27 32 26 00-0004 | EA | Analog Speakerphone With Black “Info” Button And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2) | 174.02 | |
| 27 32 26 00-0005 | EA | Analog Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2-K) | 261.03 | |
| 27 32 26 00-0006 | EA | IP Speakerphone With Single Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP1) | 652.58 | |
| 27 32 26 00-0007 | EA | IP Speakerphone With Back “Info” Button And Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP2) | 887.51 | |
| 27 32 26 00-0008 | EA | IP Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2-K) | 974.52 | |
| 27 32 26 00-0009 | EA | EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option | 17.40 | |
| 27 32 26 00-0010 | EA | EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option | 17.40 | |
| 27 32 26 00-0011 | EA | Directory, Second Opening Code Blue Option | 156.62 | |
| 27 32 26 00-0012 | EA | Camera Enclosure With Color IP Camera, Second Opening Code Blue Option | 1,653.21 | |
| 27 32 26 00-0013 | EA | HID Card Reader, Second Opening Code Blue Option | 765.70 | |
| 27 32 26 00-0014 | EA | HID Card Reader And Color IP Camera, Second Opening Code Blue Option | 2,479.81 | |
| 27 32 26 00-0015 | EA | IP Wireless Communication Code Blue Option<br>Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey. | 5,211.95 | |
| 27 32 26 00-0016 | EA | Active Venting Code Blue Option | 278.43 | |
| 27 32 26 00-0017 | EA | Night Charge Power Code Blue Option<br>Note: Requires 120V AC external power supplied to Code Blue unit. | 2,427.60 | |
| 27 32 26 00-0018 | EA | Power Transformer Kit, Alternate Incoming Power Code Blue Option | 609.08 | |
| 27 32 26 00-0019 | EA | Overhead Camera Mount Code Blue Option<br>Note: Excludes camera. | 1,383.47 | |
| 27 32 26 00-0020 | EA | Custom Color For Overhead Camera Mount Code Blue Option | 60.91 | |

### 27 32 26 00-0021 City Police Call System *(27 32 26)*

### 27 32 26 00-0022 Components *(27 32 26 00-0021)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 32 26 00-0023 | EA | City Police Call System | 785.82 | 128.25 |
| 27 32 26 00-0024 | EA | Concrete Foundation For Police Department Telephone Post | 702.13 | 185.78 |

# 27 40 Audio-Video Communications *(27)*

## 27 41 Audio-Video Systems *(27 40)*

### 27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

#### 27 41 16 00-0001 Television Distribution System *(27 41 16)*

See CSI section 26 05 13 16-0001 for basic wiring, 26 05 19 16-0012 for basic wiring.

#### 27 41 16 00-0002 Mounted Television Support *(27 41 16 00-0001)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0003 | EA | Ceiling Mounted Television Support, 19" To 20" | 435.29 | 123.41 |
| 27 41 16 00-0004 | EA | Ceiling Mounted Television Support, 19" To 20" With Rack | 562.61 | 137.74 |
| 27 41 16 00-0005 | EA | Ceiling Mounted Television Support, 25" To 27" | 454.60 | 123.41 |
| 27 41 16 00-0006 | EA | Ceiling Mounted Television Support, 25" To 27" With Rack | 581.93 | 137.74 |
| 27 41 16 00-0007 | EA | Wall Mounted Television Support, 13" | 344.94 | 99.17 |
| 27 41 16 00-0008 | EA | Wall Mounted Television Support, 13" With Rack | 472.25 | 110.19 |
| 27 41 16 00-0009 | EA | Wall Mounted Television Support, 19" To 20" | 370.29 | 99.17 |
| 27 41 16 00-0010 | EA | Wall Mounted Television Support, 19" To 20" With Rack | 497.60 | 110.19 |
| 27 41 16 00-0011 | EA | Wall Mounted Television Support, 25" To 27" | 395.65 | 99.17 |
| 27 41 16 00-0012 | EA | Wall Mounted Television Support, 25" To 27" With Rack | 522.96 | 110.19 |

#### 27 41 16 00-0013 Distribution System *(27 41 16 00-0001)*

See CSI section 26 05 13 16-0001 for wire and cabling.

#### 27 41 16 00-0014 TV Distribution Rack *(27 41 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0015 | EA | Steel Rack Cabinet With Shelves | 1,533.72 | 202.27 |
| 27 41 16 00-0016 | EA | Switch And Pilot Light | 237.02 | 89.87 |
| 27 41 16 00-0017 | LF | Surface Raceway With Outlets | 28.33 | 12.21 |
| 27 41 16 00-0018 | EA | Service Label | 33.54 | 16.83 |

#### 27 41 16 00-0019 Head End Amplifier *(27 41 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0020 | EA | Head End Amplifier | 1,023.26 | 134.63 |

#### 27 41 16 00-0021 UHF In-Line Booster Amplifier And Power Supply *(27 41 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0022 | EA | UHF In-Line Booster | 596.06 | 134.63 |

#### 27 41 16 00-0023 Preamplifiers *(27 41 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0024 | EA | VHF Preamplifier | 746.49 | 134.63 |
| 27 41 16 00-0025 | EA | UHF Preamplifier | 596.06 | 134.63 |

#### 27 41 16 00-0026 Power Supplies *(27 41 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0027 | EA | Common Power Supply | 1,066.41 | 192.38 |

#### 27 41 16 00-0028 Line Splitter And Mixer *(27 41 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0029 | EA | Line Splitter | 91.43 | 44.88 |
| 27 41 16 00-0030 | EA | Two-Way Splitter | 103.40 | 44.88 |
| 27 41 16 00-0031 | EA | Frequency Filter | 230.40 | 67.42 |
| 27 41 16 00-0032 | EA | Line Splitter And Mixer | 279.20 | 98.99 |

#### 27 41 16 00-0033 Power Line Filters *(27 41 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0034 | EA | 120-Volt Power Supply Line Filter | 447.61 | 89.87 |

#### 27 41 16 00-0035 Wall Box And Receiver Outlets *(27 41 16 00-0013)*

| | | | | |
|---|---|---|---|---|
| 27 41 16 00-0036 | EA | Wall Box With Lockable Cover, Excluding Outlet Plug | 230.40 | 67.42 |
| 27 41 16 00-0037 | EA | TV Receiver Outlet Plug | 103.40 | 44.88 |
| 27 41 16 00-0038 | EA | TV Camera Outlet Plug | 103.40 | 44.88 |
| 27 41 16 00-0039 | EA | Audio Outlet Plug | 88.40 | 44.88 |
| 27 41 16 00-0040 | EA | 12 Ft RG 6U Cable With G-59 And TV Set Fittings | 184.36 | 89.87 |
| 27 41 16 00-0041 | EA | Male Plug PL-259 | 103.40 | 44.88 |
| 27 41 16 00-0042 | EA | Wall Box And Receiver Outlet Television Outlets | 121.71 | 47.07 |

### 27 41 33 Master Antenna Television Systems *(27 41)*

#### 27 41 33 00-0001 Antenna Systems *(27 41 33)*

#### 27 41 33 00-0002 Antenna *(27 41 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 27 41 33 00-0003 | EA | Amateur Radio Antenna | 967.87 | 164.99 |
| 27 41 33 00-0004 | EA | Multi-Band Radio Antenna | 752.38 | 164.99 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 41 33 00-0005 | | Receptacles *(27 41 33 00-0001)* | | |
| 27 41 33 00-0006 | EA | Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter | 215.37 | 67.42 |
| 27 41 33 00-0007 | EA | Multi-Band Radio Antenna System Receptacle With Mating Plugs | 215.37 | 67.42 |

# 27 50 Distributed Communications and Monitoring Systems *(27)*

## 27 51 Distributed Audio-Video Communications Systems *(27 50)*

### 27 51 17 Video Intercom and Exterior Gate Control System *(27 51)*

| | | | | |
|---|---|---|---|---|
| 27 51 17 00-0001 | | Video Intercom And Exterior Gate Control System *(27 51 17)* | | |
| 27 51 17 00-0002 | EA | Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW) | 1,257.22 | 137.74 |
| 27 51 17 00-0003 | EA | Audio Video Master Control Station (Aiphone AX-8MV) | 1,016.25 | 137.74 |
| 27 51 17 00-0004 | EA | 16-call Add-on Selector For AX Masters (Aiphone AX-16SW) | 442.82 | 137.74 |
| 27 51 17 00-0005 | EA | Central Exchange Unit (Aiphone AX-084C) | 1,185.31 | 68.87 |
| 27 51 17 00-0006 | EA | Central Exchange Unit (Aiphone AX-248C) | 1,610.36 | 68.87 |
| 27 51 17 00-0007 | EA | Touch Tone Programmable Dialer (Viking K-1900-5) | 125.98 | 27.55 |
| 27 51 17 00-0008 | EA | Surface Mount Audio/Video Door Station (Aiphone IX-DV) | 849.94 | 27.55 |
| 27 51 17 00-0009 | EA | Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF) | 1,166.25 | 27.55 |
| 27 51 17 00-0010 | EA | Surface Mount Audio/Video Door Station (Aiphone AX-DV) | 381.97 | 27.55 |
| 27 51 17 00-0011 | EA | Flush Mount Audio/Video Door Station (Aiphone AX-DVF) | 429.94 | 27.55 |
| 27 51 17 00-0012 | EA | 12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL)<br>Note: UL Listed | 117.91 | 13.78 |
| 27 51 17 00-0013 | EA | 24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL)<br>Note: UL Listed | 127.96 | 13.78 |
| 27 51 17 00-0014 | EA | IP Video Master Station (Aiphone IX-MV) | 1,529.13 | 137.74 |
| 27 51 17 00-0015 | EA | Handset Only For IX-MV (Aiphone 285999) | 52.50 | 5.51 |
| 27 51 17 00-0016 | EA | Hands Free Sub Master Video Monitor (Aiphone JF-2HD) | 664.82 | 137.74 |
| 27 51 17 00-0017 | EA | Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P) | 609.55 | 27.55 |
| 27 51 17 00-0018 | EA | Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF) | 188.97 | 27.55 |
| 27 51 17 00-0019 | EA | Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF) | 210.16 | 27.55 |
| 27 51 17 00-0020 | EA | Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A) | 258.91 | 41.32 |
| 27 51 17 00-0021 | EA | Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880) | 58.58 | 13.78 |

### 27 51 43 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

| | | | | |
|---|---|---|---|---|
| 27 51 43 00-0001 | | Amplifiers *(27 51 43)* | | |
| 27 51 43 00-0002 | EA | 10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10) | 493.41 | 110.19 |
| 27 51 43 00-0003 | EA | 35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35) | 698.08 | 110.19 |
| 27 51 43 00-0004 | EA | 60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60) | 829.46 | 110.19 |
| 27 51 43 00-0005 | EA | 100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100) | 923.19 | 110.19 |
| 27 51 43 00-0006 | EA | 150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150) | 1,150.31 | 110.19 |
| 27 51 43 00-0007 | EA | 250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250) | 1,489.96 | 110.19 |
| 27 51 43 00-0008 | EA | Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK) | 59.10 | 5.51 |
| 27 51 43 00-0009 | | Splitters *(27 51 43)* | | |
| 27 51 43 00-0010 | EA | 24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE) | 2,975.65 | 82.49 |
| 27 51 43 00-0011 | EA | 1-in/11-out Splitter (Doug Fleenor DMX) | 2,684.26 | 82.49 |
| 27 51 43 00-0012 | | Speakers *(27 51 43)* | | |
| 27 51 43 00-0013 | EA | 8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W) | 192.94 | 29.48 |
| 27 51 43 00-0014 | EA | 8" Steel Baffle (Atlas Sound 51-8) | 61.67 | 5.50 |
| 27 51 43 00-0015 | EA | T-Bar Support (Atlas Sound EZ95-8) | 68.82 | 5.50 |
| 27 51 43 00-0016 | EA | 8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408) | 107.12 | 5.50 |
| 27 51 43 00-0017 | EA | Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA) | 99.47 | 9.90 |
| 27 51 43 00-0018 | | Accessories *(27 51 43)* | | |
| 27 51 43 00-0019 | EA | Microphone And Stand For Audio/Video System (Bogen MBS-1000A) | 287.45 | 13.78 |
| 27 51 43 00-0020 | EA | 5 Disk CD Player For Audio/Video System (Bogen DCM290-P) | 645.74 | 13.78 |
| 27 51 43 00-0021 | EA | Weather Proof Horn For Audio/Video System (Bogen SPT5A) | 163.83 | 27.55 |
| 27 51 43 00-0022 | EA | Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A) | 303.21 | 27.55 |
| 27 51 43 00-0023 | EA | Headset Microphone For Audio/Video System (Audio Technica Pro8Hex) | 221.71 | 27.50 |
| 27 51 43 00-0024 | EA | Microphone Jack For Audio/Video System | 102.75 | 27.55 |
| 27 51 43 00-0025 | EA | Terminal Cabinet For Audio/Video System (Atlas 121-18) | 867.64 | 110.19 |
| 27 51 43 00-0026 | EA | Volume Control For Audio/Video System (Bogen AT10A) | 98.24 | 27.55 |
| 27 51 43 00-0027 | EA | Round Bridge for 8" (S86/S810) Reccessed Speakers (Bogen Communications TB8) | 69.04 | 27.55 |
| 27 51 43 00-0028 | | Removal And Reinstallation Of Speakers *(27 51 43)*<br>Note: Includes storage, cleaning and supply materials. | | |
| 27 51 43 00-0029 | EA | Removal And Reinstallation Of Ceiling Mounted Speaker | 153.99 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **27 53 Distributed Systems** *(27 50)* | | | | |
| **27 53 13 Clock Systems** *(27 53)* | | | | |
| **27 53 13 13 Wireless Clock Systems** *(27 53 13)* | | | | |
| 27 53 13 13-0001 | | Wireless Synchronized GPS Clock System (Sapling) *(27 53 13 13)* | | |
| 27 53 13 13-0002 | | Master Clock (Sapling SMA 2000 Series) *(27 53 13 13-0001)*<br>Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. | | |
| 27 53 13 13-0003 | EA | Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1 | 7,046.79 | 82.49 |
| 27 53 13 13-0004 | EA | Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1) | 7,451.60 | 82.49 |
| 27 53 13 13-0005 | EA | Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1) | 4,010.70 | 82.49 |
| 27 53 13 13-0006 | EA | Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1) | 4,415.51 | 82.49 |
| 27 53 13 13-0007 | EA | NTP Server Upgrade (Sapling SMA-000-SERV-0) | 2,757.00 | |
| 27 53 13 13-0008 | | Wireless Repeaters (Sapling) *(27 53 13 13-0001)* | | |
| 27 53 13 13-0009 | EA | Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1) | 1,724.42 | 54.99 |
| 27 53 13 13-0010 | EA | Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1) | 1,931.64 | 54.99 |
| 27 53 13 13-0011 | | Wireless Round Analog Clocks (Sapling SAL-4 Series) *(27 53 13 13-0001)*<br>Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. | | |
| 27 53 13 13-0012 | EA | Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0) | 374.07 | 27.50 |
| 27 53 13 13-0013 | EA | Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0) | 236.74 | 27.50 |
| 27 53 13 13-0014 | EA | Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0) | 447.00 | 27.50 |
| 27 53 13 13-0015 | EA | Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0) | 267.03 | 27.50 |
| 27 53 13 13-0016 | | Wireless GPS Accesories (Sapling) *(27 53 13 13-0001)* | | |
| 27 53 13 13-0017 | EA | GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1) | 74.33 | 21.99 |
| 27 53 13 13-0018 | EA | Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1) | 104.65 | 21.99 |
| 27 53 13 13-0019 | EA | GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1) | 892.32 | 48.12 |
| 27 53 13 13-0020 | EA | GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1) | 1,584.91 | 68.75 |
| 27 53 13 13-0021 | EA | GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1) | 553.78 | 5.50 |
| 27 53 13 13-0022 | | 2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series) *(27 53 13 13)*<br>Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non Cancelable, Non Returnable (NCNR). (50) Clock Mininum Quantity Required Per System order for SDLG-32S-256-4R. (25) Clock Mininum Quantity Required Per System order for SDLG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break. | | |
| 27 53 13 13-0023 | EA | 3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SDLG-32S-256-4R)<br>Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor. | 1,178.04 | 82.49 |
| 27 53 13 13-0024 | EA | 3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SDLG-32S-256-1R)<br>Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor. | 1,204.82 | 82.49 |
| 27 53 13 13-0025 | EA | 3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-4R)<br>Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor. | 1,441.86 | 82.49 |
| 27 53 13 13-0026 | EA | 3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-1R)<br>Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor. | 1,468.64 | 82.49 |
| 27 53 13 13-0027 | EA | Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0) | 159.14 | 21.99 |
| 27 53 13 13-0028 | EA | Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0) | 159.14 | 21.99 |
| 27 53 13 13-0029 | EA | Clock Message Setup Fee, Per Clock (Sapling CLK-MSG-SETUP) | 27.57 | |
| 27 53 13 13-0030 | EA | USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1) | 222.61 | 2.75 |
| 27 53 13 13-0031 | EA | Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0) | 445.23 | 5.50 |
| 27 53 13 13-0032 | EA | Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0) | 81.32 | 2.75 |
| 27 53 13 13-0033 | EA | Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1) | 16.26 | 0.55 |
| 27 53 13 13-0034 | EA | Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0) | 101.98 | 5.50 |
| 27 53 13 13-0035 | | 2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series) *(27 53 13 13)*<br>Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. | | |
| 27 53 13 13-0036 | EA | Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1) | 5,821.53 | 82.49 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 53 13 13-0037 | EA | Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1) | 8,010.03 | 82.49 |
| 27 53 13 13-0038 | EA | Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0) | 2,570.61 | 54.99 |
| 27 53 13 13-0039 | EA | Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1 | 1,477.81 | 54.99 |
| 27 53 13 13-0040 | EA | NTP Server Upgrade (Sapling SMA-000-SERV-0) | 2,757.00 | |
| 27 53 13 13-0041 | EA | Countdown Feature Upgrade (Sapling SMA-000-CDOW-0) | 1,364.72 | |
| 27 53 13 13-0042 | | Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling) *(27 53 13 13)* | | |
| | | Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant betwen the cover and wall is recommended. | | |
| 27 53 13 13-0043 | EA | Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12) | 374.88 | 13.75 |
| 27 53 13 13-0044 | EA | Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25) | 374.88 | 13.75 |
| 27 53 13 13-0045 | | Wire Guards For Wireless Synchronized Clocks (Sapling) *(27 53 13 13)* | | |
| 27 53 13 13-0046 | EA | Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200) | 207.95 | 13.75 |
| 27 53 13 13-0047 | EA | Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017) | 289.31 | 13.75 |
| 27 53 13 13-0048 | | Wireless Synchronized Clock Transmitters *(27 53 13 13)* | | |
| 27 53 13 13-0049 | | Analog, Wireless Synchronized Clocks (Primex Traditional Series) *(27 53 13 13-0048)* | | |
| 27 53 13 13-0050 | EA | 12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock | 248.13 | 27.50 |
| | | *For >100 To 250, Deduct* | *-42.99* | |
| | | *For >250, Deduct* | *-50.72* | |
| 27 53 13 13-0051 | EA | 12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock | 441.27 | 27.50 |
| | | *For >100 To 250, Deduct* | *-29.47* | |
| | | *For >250, Deduct* | *-35.27* | |
| 27 53 13 13-0052 | EA | 16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock | 288.09 | 27.50 |
| | | *For >100 To 250, Deduct* | *-50.19* | |
| | | *For >250, Deduct* | *-59.51* | |
| 27 53 13 13-0053 | EA | 12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock | 281.43 | 27.50 |
| | | *For >100 To 250, Deduct* | *-48.99* | |
| | | *For >250, Deduct* | *-58.05* | |
| 27 53 13 13-0054 | EA | 12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock | 507.87 | 27.50 |
| | | *For >100 To 250, Deduct* | *-33.14* | |
| | | *For >250, Deduct* | *-39.93* | |
| 27 53 13 13-0055 | EA | 16", Electric, Single Sided, Analog, Wireless Synchronized Clock | 321.39 | 27.50 |
| | | *For >100 To 250, Deduct* | *-37.53* | |
| | | *For >250, Deduct* | *-48.19* | |
| 27 53 13 13-0056 | | Digital, Wireless Synchronized Clocks (Primex Digital Series) *(27 53 13 13-0048)* | | |
| 27 53 13 13-0057 | | 4-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)* | | |
| 27 53 13 13-0058 | EA | 2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock | 361.35 | 27.50 |
| | | *For Green LED, Add* | *30.64* | |
| | | *For >100 To 250, Deduct* | *-32.74* | |
| | | *For >250, Deduct* | *-48.06* | |
| 27 53 13 13-0059 | EA | 2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock | 667.71 | 27.50 |
| | | *For Green LED, Add* | *61.27* | |
| | | *For >100 To 250, Deduct* | *-69.50* | |
| | | *For >250, Deduct* | *-173.66* | |
| 27 53 13 13-0060 | EA | 4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock | 401.31 | 27.50 |
| | | *For Green LED, Add* | *34.63* | |
| | | *For >100 To 250, Deduct* | *-23.81* | |
| | | *For >250, Deduct* | *-34.20* | |
| 27 53 13 13-0061 | EA | 4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock | 747.62 | 27.50 |
| | | *For Green LED, Add* | *69.26* | |
| | | *For >100 To 250, Deduct* | *-63.64* | |
| | | *For >250, Deduct* | *-195.24* | |
| 27 53 13 13-0062 | | 6-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)* | | |
| 27 53 13 13-0063 | EA | 2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock | 401.31 | 27.50 |
| | | *For Green LED, Add* | *34.63* | |
| | | *For >100 To 250, Deduct* | *-27.28* | |
| | | *For >250, Deduct* | *-38.36* | |
| 27 53 13 13-0064 | EA | 2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock | 747.62 | 27.50 |
| | | *For Green LED, Add* | *69.26* | |
| | | *For >100 To 250, Deduct* | *-57.41* | |
| | | *For >250, Deduct* | *-132.90* | |
| 27 53 13 13-0065 | EA | 2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock | 467.91 | 27.50 |
| | | *For Green LED, Add* | *41.29* | |
| | | *For >100 To 250, Deduct* | *-22.68* | |
| | | *For >250, Deduct* | *-33.00* | |
| 27 53 13 13-0066 | | Wire Guards For Wireless Synchronized Clocks *(27 53 13 13-0048)* | | |
| 27 53 13 13-0067 | EA | 18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks | 127.40 | 13.75 |
| 27 53 13 13-0068 | EA | Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks | 60.80 | 13.75 |
| 27 53 13 13-0069 | EA | Digital Clock Wire Guard For 4" Wireless Synchronized Clocks | 67.46 | 13.75 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 53 13 13-0070 | | Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)* Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware. | | |
| 27 53 13 13-0071 | EA | Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000) | 2,689.11 | 82.49 |
| | | *For Roof Mounted GPS Receiver, Add* | *417.00* | |
| 27 53 13 13-0072 | EA | External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E) Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection. | 4,360.76 | 82.49 |
| | | *For Roof Mounted GPS Receiver, Add* | *584.17* | |
| 27 53 13 13-0073 | EA | Repeater, Satellite Transmitter (Primex 14006) Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection. | 2,634.11 | 54.99 |
| 27 53 13 13-0074 | | Accessories For Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)* | | |
| 27 53 13 13-0075 | EA | External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters | 243.80 | 21.99 |
| 27 53 13 13-0076 | EA | Transmitter Rack For Wireless Synchronized Clock Transmitters | 113.26 | 21.99 |
| 27 53 13 13-0077 | EA | Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters | 160.18 | 11.00 |
| 27 53 13 13-0078 | EA | 50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters | 144.23 | 27.50 |
| 27 53 13 13-0079 | EA | 100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters | 202.37 | 41.25 |
| 27 53 13 13-0080 | EA | 200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters | 296.47 | 54.99 |
| **27 53 13 16** | | **Wired Clock Systems** *(27 53 13)* | | |
| 27 53 13 16-0001 | | Wired Self-Corrective Clock Systems *(27 53 13 16)* | | |
| 27 53 13 16-0002 | | Wired Self-Corrective Clocks *(27 53 13 16-0001)* | | |
| 27 53 13 16-0003 | | Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)* | | |
| 27 53 13 16-0004 | | 24 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)* | | |
| 27 53 13 16-0005 | EA | 12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount | 212.83 | 27.50 |
| | | *For >50 To 100, Deduct* | *-14.54* | |
| | | *For >100, Deduct* | *-20.86* | |
| 27 53 13 16-0006 | EA | 12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount | 494.55 | 27.50 |
| | | *For >50 To 100, Deduct* | *-25.81* | |
| | | *For >100, Deduct* | *-43.39* | |
| 27 53 13 16-0007 | EA | 16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount | 264.78 | 27.50 |
| | | *For >50 To 100, Deduct* | *-18.72* | |
| | | *For >100, Deduct* | *-27.11* | |
| 27 53 13 16-0008 | EA | 16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount | 650.39 | 27.50 |
| | | *For >50 To 100, Deduct* | *-67.77* | |
| | | *For >100, Deduct* | *-91.59* | |
| 27 53 13 16-0009 | | 120 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)* | | |
| 27 53 13 16-0010 | EA | 12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount | 212.83 | 27.50 |
| | | *For >50 To 100, Deduct* | *-14.54* | |
| | | *For >100, Deduct* | *-20.86* | |
| 27 53 13 16-0011 | EA | 12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount | 494.55 | 27.50 |
| | | *For >50 To 100, Deduct* | *-25.81* | |
| | | *For >100, Deduct* | *-43.39* | |
| 27 53 13 16-0012 | EA | 16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount | 264.78 | 27.50 |
| | | *For >50 To 100, Deduct* | *-18.72* | |
| | | *For >100, Deduct* | *-27.11* | |
| 27 53 13 16-0013 | EA | 16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount | 650.39 | 27.50 |
| | | *For >50 To 100, Deduct* | *-67.77* | |
| | | *For >100, Deduct* | *-91.59* | |
| 27 53 13 16-0014 | | Accessories For Analog Wired Self-Corrective Clocks *(27 53 13 16-0003)* | | |
| 27 53 13 16-0015 | EA | Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks | 172.35 | 13.75 |
| 27 53 13 16-0016 | EA | Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks | 47.48 | 13.75 |
| 27 53 13 16-0017 | EA | Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks | 58.97 | 13.75 |
| 27 53 13 16-0018 | EA | Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks | 70.96 | 13.75 |
| 27 53 13 16-0019 | EA | Combination Back Box For Speaker And Clock | 139.42 | 21.99 |
| 27 53 13 16-0020 | | Digital, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)* | | |
| 27 53 13 16-0021 | | 24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)* | | |
| 27 53 13 16-0022 | EA | 2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount | 260.78 | 27.50 |
| | | *For Surface Mount, Add* | *41.16* | |
| | | *For >50 To 100, Deduct* | *-12.35* | |
| | | *For >100, Deduct* | *-20.58* | |
| 27 53 13 16-0023 | EA | 4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount | 396.65 | 27.50 |
| | | *For Surface Mount, Add* | *68.33* | |
| | | *For >50 To 100, Deduct* | *-20.50* | |
| | | *For >100, Deduct* | *-34.17* | |
| 27 53 13 16-0024 | | 120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 27 53 13 16-0025 | EA | 2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount | 260.78 | 27.50 |
| | | *For Surface Mount, Add* | *41.16* | |
| | | *For >50 To 100, Deduct* | *-12.35* | |
| | | *For >100, Deduct* | *-20.58* | |
| 27 53 13 16-0026 | EA | 4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount | 396.65 | 27.50 |
| | | *For Surface Mount, Add* | *68.33* | |
| | | *For >50 To 100, Deduct* | *-20.50* | |
| | | *For >100, Deduct* | *-34.17* | |
| 27 53 13 16-0027 | | Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)* | | |
| 27 53 13 16-0028 | EA | 2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks | 224.33 | 27.50 |
| | | *For >50 To 100, Deduct* | *-10.16* | |
| | | *For >100, Deduct* | *-16.93* | |
| 27 53 13 16-0029 | EA | 4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks | 363.68 | 27.50 |
| | | *For >50 To 100, Deduct* | *-18.52* | |
| | | *For >100, Deduct* | *-30.87* | |
| 27 53 13 16-0030 | | Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)* | | |
| 27 53 13 16-0031 | EA | 2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks | 224.33 | 27.50 |
| | | *For >50 To 100, Deduct* | *-10.16* | |
| | | *For >100, Deduct* | *-16.93* | |
| 27 53 13 16-0032 | EA | 4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks | 363.68 | 27.50 |
| | | *For >50 To 100, Deduct* | *-18.52* | |
| | | *For >100, Deduct* | *-30.87* | |
| 27 53 13 16-0033 | | Accessories For Digital Wired Self-Corrective Clocks *(27 53 13 16-0020)* | | |
| 27 53 13 16-0034 | EA | Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks | 233.29 | 13.75 |
| 27 53 13 16-0035 | EA | 2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks | 59.47 | 13.75 |
| 27 53 13 16-0036 | EA | 4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks | 80.45 | 13.75 |
| 27 53 13 16-0037 | EA | Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks | 204.32 | 13.75 |
| 27 53 13 16-0038 | EA | 4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks | 60.97 | 13.75 |
| 27 53 13 16-0039 | | Wired Self-Corrective Master Clocks *(27 53 13 16-0001)* | | |
| 27 53 13 16-0040 | | Wired Self-Corrective Master Clocks *(27 53 13 16-0039)* | | |
| 27 53 13 16-0041 | EA | 24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24) | 2,433.96 | 219.99 |
| 27 53 13 16-0042 | EA | 120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120) | 2,583.81 | 219.99 |
| 27 53 13 16-0043 | | Accessories For Wired Self-Corrective Master Clocks *(27 53 13 16-0039)* | | |
| 27 53 13 16-0044 | EA | 5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405) | 261.34 | 54.99 |
| 27 53 13 16-0045 | EA | 10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406) | 292.81 | 54.99 |
| 27 53 13 16-0046 | | Other Clock And Program Systems *(27 53 13 16)* | | |
| 27 53 13 16-0047 | EA | 4 Circuit Master Clock And Signal Control (Lathem LTR4-512) | 1,737.88 | 109.99 |
| 27 53 13 16-0048 | EA | 8 Circuit Master Clock And Signal Control (Lathem LTR8-512) | 2,101.78 | 219.99 |
| 27 53 13 16-0049 | EA | Program Bell (Lathem 906-6) | 256.16 | 54.99 |
| 27 53 13 16-0050 | EA | Combination Clock And Speaker | 581.62 | 137.49 |

**END OF SECTION 27**

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

## 28 05 Common Work Results for Electronic Safety and Security *(28)*

### 28 05 26 Grounding and Bonding for Electronic Safety and Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

### 28 05 53 Identification for Electronic Safety and Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

## 28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

### 28 15 Integrated Access Control Hardware Devices *(28 10)*

#### 28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

##### 28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001 Vindicator Security Alarm System *(28 15 11 13)*

| | | | | |
|---|---|---|---|---|
| 28 15 11 13-0002 | EA | Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00 | 1,462.58 | 229.34 |
| 28 15 11 13-0003 | EA | Detector, Passive Infrared (Security) Vindicator #316-30812-00 | 1,848.60 | 298.08 |
| 28 15 11 13-0004 | EA | Premise Control Unit (Security) Vindicator #548-32004-01 | 10,116.65 | 653.36 |
| 28 15 11 13-0005 | EA | Access Manager (Security Key Pad) Vindicator #548-31894-01 | 4,792.10 | 556.79 |
| 28 15 11 13-0006 | EA | ALS Duress Switch (Security) Vindicator #192-30810-00 | 1,174.57 | 304.57 |

### 28 16 Access Control Interfaces *(28 10)*

#### 28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand Alone Access Controls *(28 16 11)*

28 16 11 00-0002 Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

| | | | | |
|---|---|---|---|---|
| 28 16 11 00-0004 | EA | Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls<br>Note: Controls mount to a standard mullion. | 114.35 | 27.50 |
| 28 16 11 00-0005 | EA | Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls<br>Note: Controls mount into a single gang electrical box. Excludes electrical box. | 119.30 | 27.50 |
| 28 16 11 00-0006 | EA | Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators<br>Note: Controls mount into a single gang electrical box. Excludes electrical box. | 147.74 | 27.50 |

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

| | | | | |
|---|---|---|---|---|
| 28 16 11 00-0008 | EA | Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls<br>Note: Controls mount into a single gang electrical box. Excludes electrical box. | 140.73 | 27.50 |
| 28 16 11 00-0009 | EA | 42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls<br>Note: Includes post, mounting base and push button control. Excludes concrete foundation. | 658.01 | 82.49 |
| 28 16 11 00-0010 | EA | Three Button, Exterior Stand Alone Access Controls For Gate Operators<br>Note: Includes open, close and stop controls. | 221.94 | 27.50 |

28 16 11 00-0011 Key Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0012 Interior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

| | | | | |
|---|---|---|---|---|
| 28 16 11 00-0013 | EA | Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls<br>Note: Controls mount into a single gang electrical box. Excludes electrical box. | 157.02 | 27.50 |

28 16 11 00-0014 Exterior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

| | | | | |
|---|---|---|---|---|
| 28 16 11 00-0015 | EA | Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls<br>Note: Opens door or gate with a postal or fire department key. | 246.02 | 54.99 |
| 28 16 11 00-0016 | EA | Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls | 377.11 | 54.99 |
| 28 16 11 00-0017 | EA | Ace Key, Key Controls, Exterior Stand Alone Access Controls | 377.11 | 54.99 |
| 28 16 11 00-0018 | EA | Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls | 565.09 | 54.99 |

28 16 11 00-0019 Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*

| | | | | |
|---|---|---|---|---|
| 28 16 11 00-0021 | EA | One Code Memory, Keypad Control, Interior Stand Alone Access Controls<br>Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box. | 215.76 | 27.50 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 16 11 00-0022 | | Exterior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*<br>Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts. | | |
| 28 16 11 00-0023 | | Keypad Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0022)* | | |
| 28 16 11 00-0024 | EA | 1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls<br>Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. | 900.16 | 109.99 |
| | | *For Flush Mount, Add* | *153.04* | |
| 28 16 11 00-0025 | | Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*<br>Note: Includes intercom sub-station. Excludes additional receiving intercoms. | | |
| 28 16 11 00-0026 | EA | 1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls<br>Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. | 1,088.42 | 123.74 |
| | | *For Flush Mount, Add* | *189.21* | |
| 28 16 11 00-0027 | | RF Controls, Stand Alone Access Controls *(28 16 11 00-0001)* | | |
| 28 16 11 00-0028 | | Exterior Mount, RF Controls, Stand Alone Access Controls *(28 16 11 00-0027)*<br>Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters. | | |
| 28 16 11 00-0029 | | RF Receivers, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*<br>Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters. | | |
| 28 16 11 00-0030 | EA | 50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls | 553.89 | 109.99 |
| 28 16 11 00-0031 | EA | 100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls | 620.67 | 109.99 |
| 28 16 11 00-0032 | EA | 250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls | 684.98 | 109.99 |
| 28 16 11 00-0033 | EA | 500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls | 754.23 | 109.99 |
| 28 16 11 00-0034 | EA | 1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls | 818.54 | 109.99 |
| 28 16 11 00-0035 | EA | 5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls | 887.79 | 109.99 |
| 28 16 11 00-0036 | EA | 16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls | 952.10 | 109.99 |
| 28 16 11 00-0037 | | RF Transmitters, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)* | | |
| 28 16 11 00-0038 | EA | 1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls | 42.05 | |
| | | *For >40 To 110, Deduct* | *-2.10* | |
| | | *For >110, Deduct* | *-4.21* | |
| | | *For Built In Proximity Tags, Add* | *8.41* | |
| 28 16 11 00-0039 | EA | 2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls | 44.52 | |
| | | *For >40 To 110, Deduct* | *-2.23* | |
| | | *For >110, Deduct* | *-4.45* | |
| | | *For Built In Proximity Tags, Add* | *8.90* | |
| 28 16 11 00-0040 | EA | 3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls | 46.99 | |
| | | *For >40 To 110, Deduct* | *-2.35* | |
| | | *For >110, Deduct* | *-4.70* | |
| | | *For Built In Proximity Tags, Add* | *9.40* | |
| 28 16 11 00-0041 | | Accessories For RF Receivers, Exterior Stand Alone Access Controls *(28 16 11 00-0028)* | | |
| 28 16 11 00-0042 | EA | Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls<br>Note: Includes 15' of coax cable. | 224.35 | 82.49 |
| 28 16 11 00-0043 | EA | Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls<br>Note: Includes 20' of coax cable. | 412.33 | 82.49 |
| 28 16 11 00-0044 | EA | Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls<br>Note: Includes 15' of coax cable. | 377.70 | 82.49 |
| 28 16 11 00-0045 | | Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)* | | |
| 28 16 11 00-0046 | | Exterior Mount, Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0045)*<br>Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts. | | |
| 28 16 11 00-0047 | | DKS Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)* | | |
| 28 16 11 00-0048 | | DKS Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0047)* | | |
| 28 16 11 00-0049 | EA | DKS Proximity Card Reader, Exterior Stand Alone Access Controls | 1,023.83 | 109.99 |
| 28 16 11 00-0050 | | AWID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)* | | |
| 28 16 11 00-0051 | | AWID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0050)* | | |
| 28 16 11 00-0052 | EA | AWID Proximity Card Reader, Exterior Stand Alone Access Controls | 1,110.40 | 109.99 |
| 28 16 11 00-0053 | | HID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)* | | |
| 28 16 11 00-0054 | | HID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0053)* | | |
| 28 16 11 00-0055 | EA | HID Proximity Card Reader, Exterior Stand Alone Access Controls | 1,308.26 | 109.99 |
| 28 16 11 00-0056 | | Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 16 11 00-0057 | | Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)* | | |
| 28 16 11 00-0058 | EA | Magnetic Stripe Reader, Interior Stand Alone Access Controls | 628.09 | 109.99 |
| 28 16 11 00-0059 | | Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)* | | |
| | | Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts. | | |
| 28 16 11 00-0060 | EA | Magnetic Stripe Reader, Exterior Stand Alone Access Controls | 767.75 | 109.99 |
| 28 16 11 00-0061 | | Other Stand Alone Access Controls *(28 16 11 00-0001)* | | |
| 28 16 11 00-0062 | EA | Toggle Switch, Interior Access Controls For Gate Operators | 110.64 | 27.50 |
| | | Note: Controls mount into a single gang electrical box. Excludes electrical box. | | |
| 28 16 11 00-0063 | EA | Request To Exit Motion Detector (Bosch Security Systems DS160) | 131.94 | 21.99 |
| 28 16 11 00-0064 | | Wiegand Output Access Controls *(28 16 11)* | | |
| | | Note: Excludes controllers. | | |
| 28 16 11 00-0065 | | Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)* | | |
| 28 16 11 00-0066 | | DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)* | | |
| 28 16 11 00-0067 | | DKS, Proximity Cards *(28 16 11 00-0066)* | | |
| 28 16 11 00-0068 | EA | Clamshell Type, DKS Proximity Card (DKS 170) | 6.58 | |
| 28 16 11 00-0069 | EA | ISO Compliant Graphics Card, DKS Proximity Card (DKS 80) | 10.85 | |
| 28 16 11 00-0070 | EA | DKS Proximity Key Fob (DKS 50) | 11.43 | |
| 28 16 11 00-0071 | EA | Active Tag, DKS Proximity Tag (DKS 150) | 64.64 | |
| | | Note: Battery powered tag to boost signal. | | |
| 28 16 11 00-0072 | EA | Active Tag, DKS Proximity Tag (DKS 200) | 84.26 | |
| | | Note: Battery powered tag to boost signal. | | |
| 28 16 11 00-0073 | | DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0066)* | | |
| 28 16 11 00-0074 | EA | Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small) | 406.56 | 137.49 |
| 28 16 11 00-0075 | EA | Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion) | 406.56 | 137.49 |
| 28 16 11 00-0076 | EA | Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang) | 406.56 | 137.49 |
| 28 16 11 00-0077 | EA | Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS) | 1,022.92 | 137.49 |
| | | Note: Includes mounting bracket and 12 Volt DC regulated power supply. | | |
| 28 16 11 00-0078 | | AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)* | | |
| 28 16 11 00-0079 | | AWID, Proximity Cards *(28 16 11 00-0078)* | | |
| 28 16 11 00-0080 | EA | Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS) | 5.54 | |
| 28 16 11 00-0081 | EA | ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR) | 8.66 | |
| 28 16 11 00-0082 | EA | AWID Proximity Key Fob (AWID Prox-Linc KT) | 9.23 | |
| 28 16 11 00-0083 | EA | Windshield Tag For LR 2000 Readers, AWID Proximity Tag | 32.32 | |
| 28 16 11 00-0084 | EA | Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag | 32.32 | |
| 28 16 11 00-0085 | | AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0078)* | | |
| 28 16 11 00-0086 | EA | Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400) | 482.74 | 137.49 |
| | | Note: For mullion mounting. | | |
| 28 16 11 00-0087 | EA | Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800) | 648.95 | 137.49 |
| | | Note: For mullion mounting. | | |
| 28 16 11 00-0088 | EA | Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820) | 648.95 | 137.49 |
| | | Note: For single gang electrical box mounting. | | |
| 28 16 11 00-0089 | EA | Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824) | 1,025.23 | 137.49 |
| | | Note: Includes 12 Volt DC regulated power supply. | | |
| 28 16 11 00-0090 | EA | Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000) | 5,540.58 | 137.49 |
| | | Note: Includes mounting bracket and 12 Volt DC regulated power supply. | | |
| 28 16 11 00-0091 | | HID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)* | | |
| 28 16 11 00-0092 | | HID, Proximity Cards *(28 16 11 00-0091)* | | |
| 28 16 11 00-0093 | EA | Clamshell Type, HID Proximity Card (HID ProxCard II) | 14.94 | |
| 28 16 11 00-0094 | EA | ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II) | 19.10 | |
| 28 16 11 00-0095 | EA | HID Proximity Key Fob (HID ProxKey II) | 19.56 | |
| 28 16 11 00-0096 | | HID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0091)* | | |
| 28 16 11 00-0097 | EA | Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) | 489.56 | 137.49 |
| | | Note: For mullion mounting. (HID P/N 6005). | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 16 11 00-0098 | EA | Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II)<br>Note: For single gang electrical box mounting. (HID P/N 5395). | 576.26 | 137.49 |
| 28 16 11 00-0099 | EA | Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx)<br>Note: For mullion mounting. (HID P/N 5365). | 641.29 | 137.49 |
| 28 16 11 00-0100 | EA | EntryProx Single-Door Proximity Access Control<br>Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P. | 816.86 | 137.49 |
| **28 16 11 00-0101** | | **Contactless Smart Card Controls, Wiegand Output Access Controls** *(28 16 11 00-0064)* | | |
| **28 16 11 00-0102** | | **HID, Contactless Smart Cards** *(28 16 11 00-0101)* | | |
| 28 16 11 00-0103 | EA | 2K Bits, Clamshell Type, HID iClass, Contactless Smart Card | 10.16 | |
| 28 16 11 00-0104 | EA | 16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card | 11.09 | |
| 28 16 11 00-0105 | EA | 16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card | 14.51 | |
| 28 16 11 00-0106 | EA | 16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card<br>Note: Battery powered tag to boost signal. | 7.85 | |
| **28 16 11 00-0107** | | **HID, Contactless Smart Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0101)* | | |
| 28 16 11 00-0108 | EA | Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10)<br>Note: For mullion mounting. | 458.17 | 137.49 |
| 28 16 11 00-0109 | EA | Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40)<br>Note: For mullion mounting. | 610.53 | 137.49 |
| 28 16 11 00-0110 | EA | Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40)<br>Note: For mullion mounting. | 953.34 | 137.49 |
| **28 16 11 00-0111** | | **HID, Contactless Smart Card Programmer, Wiegand Output Access Controls** *(28 16 11 00-0101)* | | |
| 28 16 11 00-0112 | EA | HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400)<br>Note: For mullion mounting. | 2,881.40 | 137.49 |
| **28 16 11 00-0113** | | **Call Station Controls, Wiegand Output Access Controls** *(28 16 11 00-0064)*<br>Note: Includes intercom sub-station. Excludes additional receiving intercoms. | | |
| 28 16 11 00-0114 | EA | Call Station With Entry Keypad, Exterior Wiegand Output Access Controls<br>Note: For mullion mounting. | 1,165.39 | 137.49 |
| 28 16 11 00-0115 | EA | Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls<br>Note: For mullion mounting. | 979.88 | 137.49 |
| **28 16 11 00-0116** | | **Biometrics Readers, Wiegand Output Access Controls** *(28 16 11 00-0064)* | | |
| 28 16 11 00-0117 | EA | Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls | 5,958.94 | 109.99 |
| 28 16 11 00-0118 | EA | CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls | 7,277.71 | 109.99 |
| 28 16 11 00-0119 | EA | Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls | 2,870.77 | 109.99 |
| 28 16 11 00-0120 | EA | Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass) | 1,480.57 | 109.99 |
| 28 16 11 00-0121 | EA | Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox) | 1,643.82 | 109.99 |
| 28 16 11 00-0122 | EA | Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart) | 1,480.57 | 109.99 |
| **28 16 11 00-0123** | | **Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11)*<br>Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections. | | |
| **28 16 11 00-0124** | | **2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)* | | |
| 28 16 11 00-0125 | EA | 44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls<br>Note: Includes a 5" x 5" base plate. | 333.44 | 34.40 |
| 28 16 11 00-0126 | EA | 73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls<br>Note: Includes an 8" x 8" base plate. | 625.29 | 34.40 |
| 28 16 11 00-0127 | EA | Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls<br>Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware. | 303.76 | 34.40 |
| **28 16 11 00-0128** | | **4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)* | | |
| 28 16 11 00-0129 | EA | 59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls<br>Note: Includes an 8" x 8" base plate. | 592.07 | 41.28 |
| 28 16 11 00-0130 | EA | 49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls<br>Note: Includes an 8" x 8" base plate and a 14" offset from back of post. | 700.90 | 41.28 |
| 28 16 11 00-0131 | EA | Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls<br>Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware. | 441.20 | 41.28 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 16 11 00-0132 | | 4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)* | | |
| 28 16 11 00-0133 | EA | 59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls<br>Note: Includes a 11" x 13" base plate. | 1,871.64 | 51.60 |
| 28 16 11 00-0134 | EA | 50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls<br>Note: Includes a 10" x 14" base plate and a 14" offset from back of post. | 1,958.20 | 51.60 |
| 28 16 11 00-0135 | EA | Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls<br>Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware. | 832.83 | 17.20 |
| 28 16 11 00-0136 | EA | 48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls | 1,302.76 | 51.60 |
| 28 16 11 00-0137 | | Magnetic Locks *(28 16 11)*<br>Note: Excludes access controls. | | |
| 28 16 11 00-0138 | | Magnetic Door Locks *(28 16 11 00-0137)* | | |
| 28 16 11 00-0139 | | 300 LB Magnetic Door Locks *(28 16 11 00-0138)* | | |
| 28 16 11 00-0140 | EA | Single Door, Surface Mount, 300 LB Magnetic Door Lock | 514.32 | 109.99 |
| 28 16 11 00-0141 | | 600 LB Magnetic Door Locks *(28 16 11 00-0138)* | | |
| 28 16 11 00-0142 | EA | 600 LB, Single Door, Surface Mount, Magnetic Door Lock | 718.37 | 109.99 |
| | | *For LED Status Indicator And Signal Relay, Add* | *62.30* | |
| | | *For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add* | *124.60* | |
| | | *For Mortise Mount, Deduct* | *-99.68* | |
| 28 16 11 00-0143 | EA | 600 LB, Dual Doors, Surface Mount, Magnetic Door Lock | 1,053.51 | 109.99 |
| | | *For LED Status Indicator And Signal Relay, Add* | *104.19* | |
| | | *For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add* | *208.38* | |
| 28 16 11 00-0144 | | 1,200 LB Magnetic Door Locks *(28 16 11 00-0138)* | | |
| 28 16 11 00-0145 | EA | 1,200 LB, Single Door, Surface Mount, Magnetic Door Lock | 749.29 | 109.99 |
| | | *For LED Status Indicator And Signal Relay, Add* | *121.74* | |
| | | *For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add* | *158.79* | |
| 28 16 11 00-0146 | EA | Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock | 1,120.29 | 109.99 |
| | | *For LED Status Indicator And Signal Relay, Add* | *207.07* | |
| | | *For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add* | *270.09* | |
| 28 16 11 00-0147 | | 2,000 LB Shear Lock, Magnetic And Mechanical Locks *(28 16 11 00-0138)*<br>Note: Includes LED status indicator and built-in signal relay. | | |
| 28 16 11 00-0148 | EA | Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock | 782.68 | 109.99 |
| 28 16 11 00-0149 | | Magnetic Gate Locks *(28 16 11 00-0137)* | | |
| 28 16 11 00-0150 | | 600 LB Magnetic Gate Locks *(28 16 11 00-0149)* | | |
| 28 16 11 00-0151 | EA | 600 LB Magnetic Gate Lock | 595.94 | 109.99 |
| 28 16 11 00-0152 | | 1,200 LB Magnetic Gate Locks *(28 16 11 00-0149)* | | |
| 28 16 11 00-0153 | EA | 1,200 LB Magnetic Gate Lock | 708.48 | 109.99 |
| | | *For LED Status Indicator And Signal Relay, Add* | *61.06* | |
| | | *For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add* | *122.12* | |
| | | *For Mortise Mount, Deduct* | *-97.70* | |
| 28 16 11 00-0154 | | Magnetic Lock Power Supply And Chargers *(28 16 11 00-0137)*<br>Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs. | | |
| 28 16 11 00-0155 | EA | 12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger | 451.96 | 109.99 |
| 28 16 11 00-0156 | EA | 12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger | 564.09 | 109.99 |
| 28 16 11 00-0157 | EA | 12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger | 630.04 | 109.99 |
| 28 16 11 00-0158 | EA | 12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger | 781.74 | 109.99 |
| 28 16 11 00-0159 | | Access Control Accessories *(28 16 11)* | | |
| 28 16 11 00-0160 | EA | 6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5) | 569.96 | |
| 28 16 11 00-0161 | EA | 7 Amperes, 12 Volt, Battery | 74.93 | |
| 28 16 11 00-0162 | EA | 18 Amperes, 12 Volt, Battery | 167.01 | |
| 28 16 11 00-0163 | EA | Door Personality Module (Sensormatic RM-4) | 620.70 | 27.50 |
| 28 16 11 00-0164 | EA | Mini-Alert Door Ajar Sounder (System Sensor PA400) | 252.48 | 54.99 |
| 28 16 11 00-0165 | EA | Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C) | 77.12 | 33.00 |
| 28 16 11 00-0166 | EA | Access Control Systems Power Supply (Altronix AL400ULACMCB) | 683.22 | 21.99 |
| 28 16 11 00-0167 | EA | Surge Suppressor (Tripp-Lite IBAR4) | 103.11 | 5.51 |
| 28 16 11 00-0168 | EA | Door Strike Relay (Altronix RBSN-TTL) | 72.42 | 21.99 |
| 28 16 11 00-0169 | EA | 4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1)<br>Note: Set in concrete. | 434.21 | |
| 28 16 11 00-0170 | EA | 16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16) | 611.69 | 137.49 |
| 28 16 11 00-0171 | | Access Controllers *(28 16 11)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 16 11 00-0172** | | **Microterm Controller** *(28 16 11 00-0171)* | | |
| 28 16 11 00-0173 | EA | Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICP1100)<br>Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs. | 1,575.02 | 137.49 |
| 28 16 11 00-0174 | EA | Microterm PC Board (Continental Instruments CICP1100PCB) | 1,137.67 | 82.49 |
| 28 16 11 00-0175 | EA | Battery Standby For Microterm (Continental Instruments CICP1100BAT-2)<br>Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only. | 541.07 | |
| **28 16 11 00-0176** | | **Miniterm Controller** *(28 16 11 00-0171)* | | |
| 28 16 11 00-0177 | EA | Miniterm Two Reader Processing Panel (Continental Instrument CICP1200)<br>Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation. | 2,467.55 | 137.49 |
| 28 16 11 00-0178 | EA | Miniterm PC Board (Continental Instrument CICP1200PCB) | 1,867.17 | 82.49 |
| **28 16 11 00-0179** | | **Super-2 Controller** *(28 16 11 00-0171)* | | |
| 28 16 11 00-0180 | EA | Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300)<br>Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation. | 1,825.86 | 137.49 |
| 28 16 11 00-0181 | EA | Super-Two - PC Board (Continental Instruments CICP1300BD) | 1,253.88 | 82.49 |
| 28 16 11 00-0182 | EA | Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD)<br>Note: Optional on-board adapter allows for communication over TCP/IP. | 345.34 | 82.49 |
| **28 16 11 00-0183** | | **Smarterm Controller** *(28 16 11 00-0171)* | | |
| 28 16 11 00-0184 | EA | Smarterm Four Reader Processing Panel (Continental Instrument CICP1400)<br>Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation. | 5,185.26 | 164.99 |
| 28 16 11 00-0185 | EA | Smarterm PC Board (Continental Instrument CICP1400PCB) | 3,993.56 | 82.49 |
| 28 16 11 00-0186 | EA | Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1)<br>Note: Up to 10,000 cardholders. | 1,552.44 | 82.49 |
| 28 16 11 00-0187 | EA | Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1)<br>Note: Up to 50,000 cardholders. | 2,208.14 | 82.49 |
| 28 16 11 00-0188 | EA | Smarterm Relay Expander Board (Continental Instrument CICP1400RB)<br>Note: 16 Output relays, 8 alarm inputs. | 1,716.81 | 82.49 |
| 28 16 11 00-0189 | EA | Smarterm Alarm Expander Board (Continental Instrument CICP1400RB)<br>Note: (Supervised) 16 alarm inputs. | 1,716.81 | 82.49 |
| **28 16 11 00-0190** | | **Superterm-4 Controller** *(28 16 11 00-0171)* | | |
| 28 16 11 00-0191 | EA | Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL)<br>Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation. | 4,785.13 | 164.99 |
| 28 16 11 00-0192 | EA | Superterm-4 PC Board (Continental Instrument CICP1400ULPCB) | 3,926.31 | 82.49 |
| **28 16 11 00-0193** | | **Superterm-8 Controller** *(28 16 11 00-0171)* | | |
| 28 16 11 00-0194 | EA | Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800)<br>Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation. | 6,366.90 | 274.98 |
| 28 16 11 00-0195 | EA | Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP)<br>Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation. | 6,913.31 | 274.98 |
| 28 16 11 00-0196 | EA | Superterm-8 PC Board (Continental Instrument CICP1800PCB) | 5,288.09 | 82.49 |
| **28 16 11 00-0197** | | **Turbo Superterm-4 Controller** *(28 16 11 00-0171)* | | |
| 28 16 11 00-0198 | EA | Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT)<br>Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation. | 4,785.13 | 164.99 |
| 28 16 11 00-0199 | EA | Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB) | 3,926.31 | 82.49 |
| **28 16 11 00-0200** | | **Turbo Superterm-8 Controller** *(28 16 11 00-0171)* | | |
| 28 16 11 00-0201 | EA | Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T)<br>Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation. | 6,366.90 | 274.98 |
| 28 16 11 00-0202 | EA | Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP)<br>Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation. | 6,913.31 | 274.98 |
| 28 16 11 00-0203 | EA | Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB) | 5,288.09 | 82.49 |
| 28 16 11 00-0204 | EA | Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2)<br>Note: Up to 140,000 cardholders. | 2,208.14 | 82.49 |
| 28 16 11 00-0205 | EA | Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2)<br>Note: Up to 140,000 cardholders. | 1,858.42 | 82.49 |
| 28 16 11 00-0206 | EA | Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB)<br>Note: 16 Output relays, 8 alarm inputs. | 1,718.57 | 82.49 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 16 11 00-0207 | EA | Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB)<br>Note: (Supervised) 16 Alarm inputs. | 1,718.57 | 82.49 |
| 28 16 11 00-0208 | EA | Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS) | 700.87 | |
| 28 16 11 00-0209 | | Intelligent Controller *(28 16 11 00-0171)* | | |
| 28 16 11 00-0210 | EA | Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501) | 1,232.34 | 82.49 |
| 28 16 11 00-0211 | EA | Up To 64 Doors, Access Controller (Mercury Security EP-1502) | 2,127.66 | 137.49 |
| 28 16 11 00-0212 | | Access Control Bundled System *(28 16 11)* | | |
| 28 16 11 00-0213 | EA | CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0)<br>Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key. | 34,708.36 | |
| 28 16 11 00-0214 | | Master Door Buzzer Stations *(28 16 11)* | | |
| 28 16 11 00-0215 | | Master Stations *(28 16 11 00-0214)* | | |
| 28 16 11 00-0216 | EA | Master Stations, 5 Station Intercommunication Equipment | 1,035.90 | 171.59 |
| 28 16 11 00-0217 | EA | Master Stations, 10 Station Intercommunication Equipment | 1,556.49 | 332.18 |
| 28 16 11 00-0218 | EA | Master Station, Desk Style Remote Intercommunication Equipment | 445.23 | 85.80 |
| 28 16 11 00-0219 | EA | Master Station, Flush Wall Remote Intercommunication Equipment | 569.76 | 142.99 |
| 28 16 11 00-0220 | EA | Sound System Outlet, Protector | 146.24 | 55.99 |
| 28 16 11 00-0221 | EA | Sound System Microphone Outlet | 255.79 | 114.61 |
| 28 16 11 00-0222 | EA | Ceiling Or Wall, Sound System Speaker | 195.73 | 55.99 |
| 28 16 11 00-0223 | EA | Sound System Monitor Panel | 571.90 | 114.61 |
| 28 16 11 00-0224 | EA | Sound System Volume Control | 169.06 | 55.99 |
| 28 16 11 00-0225 | EA | 250 Watt, Sound System Amplifier | 2,645.91 | 458.34 |
| 28 16 11 00-0226 | EA | Sound System Cabinet | 1,544.96 | 458.34 |
| 28 16 11 00-0227 | | Master Door Stations *(28 16 11 00-0214)* | | |
| 28 16 11 00-0228 | EA | Master Door Stations, Button Buzzer Type, 25 Station | 2,280.40 | |
| | | *For Intercom Type Master Door Station, Add* | *190.14* | |
| 28 16 11 00-0229 | EA | Master Door Stations, Button Buzzer Type, 50 Station | 3,776.58 | |
| | | *For Intercom Type Master Door Station, Add* | *308.03* | |
| 28 16 11 00-0230 | EA | Master Door Stations, Button Buzzer Type, 75 Station | 5,182.27 | |
| | | *For Intercom Type Master Door Station, Add* | *399.29* | |
| 28 16 11 00-0231 | EA | Master Door Stations, Button Buzzer Type, 100 Station | 5,923.94 | |
| | | *For Intercom Type Master Door Station, Add* | *467.75* | |
| 28 16 11 00-0232 | EA | Master Door Stations, Button Buzzer Type, 150 Station | 7,192.07 | |
| | | *For Intercom Type Master Door Station, Add* | *684.50* | |
| 28 16 11 00-0233 | EA | Master Door Stations, Button Buzzer Type, 200 Station | 8,440.48 | |
| | | *For Intercom Type Master Door Station, Add* | *882.25* | |
| 28 16 11 00-0234 | EA | Master Door Stations, Button Buzzer Type, 250 Station | 10,626.18 | |
| | | *For Intercom Type Master Door Station, Add* | *1,140.84* | |
| 28 16 11 00-0235 | EA | Master Door Stations, Button Buzzer Type, 300 Station | 12,693.33 | |
| | | *For Intercom Type Master Door Station, Add* | *1,308.16* | |
| 28 16 11 00-0236 | EA | Transformer | 159.43 | |
| 28 16 11 00-0237 | EA | Door Opener | 235.94 | |
| 28 16 11 00-0238 | EA | Buzzer With Door Release And Plate | 290.98 | |
| 28 16 11 00-0239 | EA | Amplifier For Intercom Type Unit | 477.69 | |
| 28 16 11 00-0240 | EA | Speaker With Door Release | 200.62 | |

## 28 18 Security Access Detection Equipment *(28 10)*

### 28 18 11 Security Access Metal Detectors *(28 18)*

| | | | | |
|---|---|---|---|---|
| 28 18 11 00-0001 | EA | Handheld Scanner (Garrett Super Scanner V) | 245.30 | 27.50 |
| 28 18 11 00-0002 | EA | Single-Zone, Walk-Through Metal Detector, Complete Unit (Garrett CS 5000) | 3,959.39 | 329.97 |
| 28 18 11 00-0003 | EA | Multi-Zone, Walk-Through Metal Detector, Complete Unit (Garrett PD 6500I) | 6,112.51 | 439.97 |

## 28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

## 28 21 Surveillance Cameras *(28 20)*

### 28 21 31 Proprietary Surveillance Camera Systems *(28 21)*

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001 Closed Circuit Television And Surveillance Systems (Pelco) *(28 21 31)*

28 21 31 00-0002 Cameras And Accessories *(28 21 31 00-0001)*

28 21 31 00-0003 Cameras *(28 21 31 00-0002)*

28 21 31 00-0004 Compact, 1/3" Format Cameras *(28 21 31 00-0003)*

28 21 31 00-0005 High Resolution Color, Compact, 1/3" Format Cameras *(28 21 31 00-0004)*

| | | | | |
|---|---|---|---|---|
| 28 21 31 00-0006 | EA | High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6) | 552.48 | 27.55 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0007 | | Day/Night, Compact, 1/3" Format Cameras *(28 21 31 00-0004)* | | |
| 28 21 31 00-0008 | EA | High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6) | 326.89 | 27.55 |
| 28 21 31 00-0009 | | Camerapaks *(28 21 31 00-0002)*<br>Note: Includes camera and lens. | | |
| 28 21 31 00-0010 | | Camerapaks *(28 21 31 00-0009)* | | |
| 28 21 31 00-0011 | | High Resolution Color, Camerapaks *(28 21 31 00-0010)* | | |
| 28 21 31 00-0012 | | Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0011)* | | |
| 28 21 31 00-0013 | | Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0012)* | | |
| 28 21 31 00-0014 | EA | 2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3) | 424.74 | 27.55 |
| 28 21 31 00-0015 | EA | 2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8) | 399.37 | 27.55 |
| 28 21 31 00-0016 | EA | 4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4) | 387.59 | 27.55 |
| 28 21 31 00-0017 | EA | 8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8) | 384.87 | 27.55 |
| 28 21 31 00-0018 | | Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0012)* | | |
| 28 21 31 00-0019 | EA | 2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A) | 462.79 | 27.55 |
| 28 21 31 00-0020 | EA | 2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A) | 424.74 | 27.55 |
| 28 21 31 00-0021 | EA | 4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A) | 415.68 | 27.55 |
| 28 21 31 00-0022 | EA | 8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A) | 408.43 | 27.55 |
| 28 21 31 00-0023 | | Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0011)* | | |
| 28 21 31 00-0024 | | Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)* | | |
| 28 21 31 00-0025 | EA | 1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1) | 499.94 | 27.55 |
| 28 21 31 00-0026 | EA | 2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2) | 451.01 | 27.55 |
| 28 21 31 00-0027 | EA | 2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21) | 411.15 | 27.55 |
| 28 21 31 00-0028 | EA | 3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3) | 394.84 | 27.55 |
| 28 21 31 00-0029 | EA | 5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5) | 455.54 | 27.55 |
| 28 21 31 00-0030 | | Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)* | | |
| 28 21 31 00-0031 | EA | 1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A) | 539.80 | 27.55 |
| 28 21 31 00-0032 | EA | 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A) | 506.28 | 27.55 |
| 28 21 31 00-0033 | EA | 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A) | 449.20 | 27.55 |
| 28 21 31 00-0034 | EA | 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A) | 401.18 | 27.55 |
| 28 21 31 00-0035 | EA | 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A) | 474.57 | 27.55 |
| 28 21 31 00-0036 | EA | 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A) | 536.18 | 27.55 |
| 28 21 31 00-0037 | EA | 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A) | 615.00 | 27.55 |
| 28 21 31 00-0038 | | Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)* | | |
| 28 21 31 00-0039 | EA | 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A) | 422.02 | 27.55 |
| 28 21 31 00-0040 | EA | 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A) | 504.47 | 27.55 |
| 28 21 31 00-0041 | | High Resolution Day/Night, Camerapaks *(28 21 31 00-0010)* | | |
| 28 21 31 00-0042 | | Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0041)* | | |
| 28 21 31 00-0043 | | Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0042)* | | |
| 28 21 31 00-0044 | EA | 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A) | 852.37 | 27.55 |
| 28 21 31 00-0045 | EA | 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A) | 795.29 | 27.55 |
| 28 21 31 00-0046 | EA | 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A) | 747.27 | 27.55 |
| 28 21 31 00-0047 | EA | 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A) | 820.66 | 27.55 |
| 28 21 31 00-0048 | EA | 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A) | 882.27 | 27.55 |
| 28 21 31 00-0049 | EA | 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A) | 960.18 | 27.55 |
| 28 21 31 00-0050 | | Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0042)* | | |
| 28 21 31 00-0051 | EA | 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A) | 768.11 | 27.55 |
| 28 21 31 00-0052 | EA | 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A) | 850.56 | 27.55 |
| 28 21 31 00-0053 | | Compact Camerapaks *(28 21 31 00-0009)* | | |
| 28 21 31 00-0054 | | High Resolution Color, Compact Camerapaks *(28 21 31 00-0053)* | | |
| 28 21 31 00-0055 | | DSS, High Resolution Color, Compact Camerapaks *(28 21 31 00-0054)* | | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0056 | | Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0055)* | | |
| 28 21 31 00-0057 | | Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0056)* | | |
| 28 21 31 00-0058 | EA | 2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3) | 661.20 | 27.55 |
| 28 21 31 00-0059 | EA | 2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8) | 635.84 | 27.55 |
| 28 21 31 00-0060 | EA | 4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4) | 623.15 | 27.55 |
| 28 21 31 00-0061 | EA | 8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8) | 620.43 | 27.55 |
| 28 21 31 00-0062 | | Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0056)* | | |
| 28 21 31 00-0063 | EA | 2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A) | 698.35 | 27.55 |
| 28 21 31 00-0064 | EA | 2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A) | 661.20 | 27.55 |
| 28 21 31 00-0065 | EA | 4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A) | 652.14 | 27.55 |
| 28 21 31 00-0066 | EA | 8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A) | 644.90 | 27.55 |
| 28 21 31 00-0067 | | Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0055)* | | |
| 28 21 31 00-0068 | | Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)* | | |
| 28 21 31 00-0069 | EA | 1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1) | 736.40 | 27.55 |
| 28 21 31 00-0070 | EA | 2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2) | 686.57 | 27.55 |
| 28 21 31 00-0071 | EA | 2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21) | 647.61 | 27.55 |
| 28 21 31 00-0072 | EA | 3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3) | 631.31 | 27.55 |
| 28 21 31 00-0073 | EA | 5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5) | 691.10 | 27.55 |
| 28 21 31 00-0074 | EA | 5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50) | 730.06 | 27.55 |
| 28 21 31 00-0075 | EA | 5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55) | 822.47 | 27.55 |
| 28 21 31 00-0076 | | Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)* | | |
| 28 21 31 00-0077 | EA | 1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A) | 775.36 | 27.55 |
| 28 21 31 00-0078 | EA | 2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A) | 742.74 | 27.55 |
| 28 21 31 00-0079 | EA | 2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A) | 685.67 | 27.55 |
| 28 21 31 00-0080 | EA | 3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A) | 636.74 | 27.55 |
| 28 21 31 00-0081 | EA | 5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A) | 711.03 | 27.55 |
| 28 21 31 00-0082 | EA | 5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A) | 772.64 | 27.55 |
| 28 21 31 00-0083 | EA | 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A) | 850.56 | 27.55 |
| 28 21 31 00-0084 | | Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)* | | |
| 28 21 31 00-0085 | EA | 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A) | 658.49 | 27.55 |
| 28 21 31 00-0086 | EA | 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A) | 740.93 | 27.55 |
| 28 21 31 00-0087 | | EDR, High Resolution Color, Compact Camerapaks *(28 21 31 00-0054)* | | |
| 28 21 31 00-0088 | | Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0087)* | | |
| 28 21 31 00-0089 | | Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0088)* | | |
| 28 21 31 00-0090 | EA | 2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3) | 661.20 | 27.55 |
| 28 21 31 00-0091 | EA | 2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8) | 494.50 | 27.55 |
| 28 21 31 00-0092 | EA | 4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4) | 481.82 | 27.55 |
| 28 21 31 00-0093 | EA | 8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8) | 479.10 | 27.55 |
| 28 21 31 00-0094 | | Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0088)* | | |
| 28 21 31 00-0095 | EA | 2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A) | 557.01 | 27.55 |
| 28 21 31 00-0096 | EA | 2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A) | 519.87 | 27.55 |
| 28 21 31 00-0097 | EA | 4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A) | 510.81 | 27.55 |
| 28 21 31 00-0098 | EA | 8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A) | 510.81 | 27.55 |
| 28 21 31 00-0099 | | Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0087)* | | |
| 28 21 31 00-0100 | | Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)* | | |
| 28 21 31 00-0101 | EA | 1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1) | 595.07 | 27.55 |
| 28 21 31 00-0102 | EA | 2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2) | 545.24 | 27.55 |
| 28 21 31 00-0103 | EA | 2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21) | 506.28 | 27.55 |
| 28 21 31 00-0104 | EA | 3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3) | 489.97 | 27.55 |
| 28 21 31 00-0105 | EA | 5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5) | 549.77 | 27.55 |
| 28 21 31 00-0106 | EA | 5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50) | 588.72 | 27.55 |
| 28 21 31 00-0107 | EA | 5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55) | 681.14 | 27.55 |
| 28 21 31 00-0108 | | Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0109 | EA | 1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A) | 634.02 | 27.55 |
| 28 21 31 00-0110 | EA | 2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A) | 601.41 | 27.55 |
| 28 21 31 00-0111 | EA | 2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A) | 543.42 | 27.55 |
| 28 21 31 00-0112 | EA | 3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A) | 495.41 | 27.55 |
| 28 21 31 00-0113 | EA | 5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A) | 569.70 | 27.55 |
| 28 21 31 00-0114 | EA | 5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A) | 631.31 | 27.55 |
| 28 21 31 00-0115 | EA | 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A) | 709.22 | 27.55 |
| 28 21 31 00-0116 | | Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)* | | |
| 28 21 31 00-0117 | EA | 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A) | 517.15 | 27.55 |
| 28 21 31 00-0118 | EA | 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A) | 599.60 | 27.55 |
| 28 21 31 00-0119 | | High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0053)* | | |
| 28 21 31 00-0120 | | Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0119)* | | |
| 28 21 31 00-0121 | | Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0120)* | | |
| 28 21 31 00-0122 | EA | 8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8) | 610.47 | 27.55 |
| 28 21 31 00-0123 | | DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0120)* | | |
| 28 21 31 00-0124 | EA | 2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A) | 688.38 | 27.55 |
| 28 21 31 00-0125 | EA | 2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A) | 650.33 | 27.55 |
| 28 21 31 00-0126 | | Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0119)* | | |
| 28 21 31 00-0127 | | Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)* | | |
| 28 21 31 00-0128 | EA | 2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21) | 636.74 | 27.55 |
| 28 21 31 00-0129 | EA | 3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3) | 620.43 | 27.55 |
| 28 21 31 00-0130 | EA | 5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50) | 720.09 | 27.55 |
| 28 21 31 00-0131 | | Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)* | | |
| 28 21 31 00-0132 | EA | 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A) | 731.87 | 27.55 |
| 28 21 31 00-0133 | EA | 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A) | 674.79 | 27.55 |
| 28 21 31 00-0134 | EA | 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A) | 626.78 | 27.55 |
| 28 21 31 00-0135 | EA | 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A) | 700.16 | 27.55 |
| 28 21 31 00-0136 | EA | 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A) | 761.77 | 27.55 |
| 28 21 31 00-0137 | EA | 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A) | 840.59 | 27.55 |
| 28 21 31 00-0138 | | Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)* | | |
| 28 21 31 00-0139 | EA | 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A) | 647.61 | 27.55 |
| 28 21 31 00-0140 | EA | 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A) | 730.06 | 27.55 |
| 28 21 31 00-0141 | | Camera Systems *(28 21 31 00-0002)* | | |
| 28 21 31 00-0142 | | Camera Dome Systems *(28 21 31 00-0141)* | | |
| 28 21 31 00-0143 | | Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0142)* | | |
| 28 21 31 00-0144 | | Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware. | | |
| 28 21 31 00-0145 | | Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)* | | |
| 28 21 31 00-0146 | | Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)* | | |
| 28 21 31 00-0147 | EA | 22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB) | 2,711.54 | 165.29 |
| 28 21 31 00-0148 | EA | 22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F) | 3,083.00 | 165.29 |
| 28 21 31 00-0149 | EA | 22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB) | 3,249.70 | 165.29 |
| 28 21 31 00-0150 | EA | 22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E) | 4,496.36 | 165.29 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 21 31 00-0151** | | **Color, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0145)* | | |
| 28 21 31 00-0152 | EA | 16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB) | 2,290.25 | 165.29 |
| 28 21 31 00-0153 | EA | 16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F) | 2,477.79 | 165.29 |
| 28 21 31 00-0154 | EA | 16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB) | 2,645.40 | 165.29 |
| 28 21 31 00-0155 | EA | 16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E) | 2,741.44 | 165.29 |
| 28 21 31 00-0156 | EA | 16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E) | 2,741.44 | 165.29 |
| 28 21 31 00-0157 | EA | 22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB) | 2,870.99 | 165.29 |
| 28 21 31 00-0158 | EA | 22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F) | 3,243.36 | 165.29 |
| 28 21 31 00-0159 | EA | 22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB) | 3,410.97 | 165.29 |
| 28 21 31 00-0160 | EA | 22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E) | 3,507.01 | 165.29 |
| 28 21 31 00-0161 | EA | 22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E) | 3,507.01 | 165.29 |
| **28 21 31 00-0162** | | **Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0145)* | | |
| 28 21 31 00-0163 | EA | 23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB) | 3,335.77 | 165.29 |
| 28 21 31 00-0164 | EA | 23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F) | 3,708.14 | 165.29 |
| 28 21 31 00-0165 | EA | 23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB) | 3,875.75 | 165.29 |
| 28 21 31 00-0166 | EA | 23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E) | 3,971.78 | 165.29 |
| 28 21 31 00-0167 | EA | 23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E) | 3,971.78 | 165.29 |
| **28 21 31 00-0168** | | **Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0145)* | | |
| 28 21 31 00-0169 | EA | 18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB) | 3,031.36 | 165.29 |
| 28 21 31 00-0170 | EA | 18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F) | 3,219.80 | 165.29 |
| 28 21 31 00-0171 | EA | 18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB) | 3,386.51 | 165.29 |
| 28 21 31 00-0172 | EA | 18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E) | 3,482.54 | 165.29 |
| 28 21 31 00-0173 | EA | 18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E) | 3,482.54 | 165.29 |
| 28 21 31 00-0174 | EA | 35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB) | 3,641.09 | 165.29 |
| 28 21 31 00-0175 | EA | 35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F) | 3,937.36 | 165.29 |
| 28 21 31 00-0176 | EA | 35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB) | 4,104.06 | 165.29 |
| 28 21 31 00-0177 | EA | 35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E) | 4,200.10 | 165.29 |
| 28 21 31 00-0178 | EA | 35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E) | 4,200.10 | 165.29 |
| **28 21 31 00-0179** | | **Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0144)* | | |
| **28 21 31 00-0180** | | **Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0179)* | | |
| 28 21 31 00-0181 | EA | 16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF) | 2,967.03 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0182 | EA | 16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP) | 3,128.30 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0183 | EA | 16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE) | 3,256.95 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0184 | EA | 22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF) | 3,676.43 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0185 | EA | 22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP) | 3,837.70 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0186 | EA | 22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE) | 3,967.25 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| **28 21 31 00-0187** | | **Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0179)* | | |
| 28 21 31 00-0188 | EA | 18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF) | 3,708.14 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0189 | EA | 18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP) | 3,869.41 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0190 | EA | 18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE) | 3,998.96 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0191 | EA | 35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF) | 4,370.42 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0192 | EA | 35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP) | 4,530.79 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0193 | EA | 35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE) | 4,660.34 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| **28 21 31 00-0194** | | **Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0144)* | | |
| **28 21 31 00-0195** | | **Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0194)* | | |
| 28 21 31 00-0196 | EA | 18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE) | 4,897.72 | 165.29 |
| 28 21 31 00-0197 | EA | 35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE) | 5,560.00 | 165.29 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0198 | | Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)* | | |
| 28 21 31 00-0199 | | Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)* | | |
| 28 21 31 00-0200 | EA | 22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE) | 4,261.70 | 165.29 |
| 28 21 31 00-0201 | | Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)* | | |
| 28 21 31 00-0202 | EA | 16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE) | 3,712.67 | 165.29 |
| 28 21 31 00-0203 | EA | 22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE) | 4,422.97 | 165.29 |
| 28 21 31 00-0204 | | Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)* | | |
| 28 21 31 00-0205 | EA | 23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE) | 4,887.75 | 165.29 |
| 28 21 31 00-0206 | | Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)* | | |
| 28 21 31 00-0207 | EA | 18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE) | 4,454.68 | 165.29 |
| 28 21 31 00-0208 | EA | 35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE) | 5,116.06 | 165.29 |
| 28 21 31 00-0209 | | Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)* | | |
| 28 21 31 00-0210 | | Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0209)* | | |
| 28 21 31 00-0211 | EA | 10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B) | 1,723.09 | 165.29 |
| 28 21 31 00-0212 | | Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)*<br>Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware. | | |
| 28 21 31 00-0213 | | Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)* | | |
| 28 21 31 00-0214 | | Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)* | | |
| 28 21 31 00-0215 | EA | 16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F) | 3,154.57 | 165.29 |
| 28 21 31 00-0216 | EA | 16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB) | 3,322.18 | 165.29 |
| 28 21 31 00-0217 | EA | 16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E) | 3,418.22 | 165.29 |
| 28 21 31 00-0218 | EA | 16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E) | 3,418.22 | 165.29 |
| 28 21 31 00-0219 | EA | 22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1) | 3,920.14 | 165.29 |
| 28 21 31 00-0220 | EA | 22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1) | 4,087.75 | 165.29 |
| 28 21 31 00-0221 | EA | 22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1) | 4,183.79 | 165.29 |
| 28 21 31 00-0222 | EA | 22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1) | 4,183.79 | 165.29 |
| 28 21 31 00-0223 | | Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)* | | |
| 28 21 31 00-0224 | EA | 23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1) | 4,384.92 | 165.29 |
| 28 21 31 00-0225 | EA | 23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1) | 4,552.53 | 165.29 |
| 28 21 31 00-0226 | EA | 23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1) | 4,648.57 | 165.29 |
| 28 21 31 00-0227 | EA | 23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1) | 4,648.57 | 165.29 |
| 28 21 31 00-0228 | | Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)* | | |
| 28 21 31 00-0229 | | Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0228)* | | |
| 28 21 31 00-0230 | EA | 16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1) | 3,643.81 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0231 | EA | 16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1) | 3,805.08 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0232 | EA | 16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1) | 3,933.73 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0233 | EA | 22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1) | 4,353.21 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0234 | EA | 22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1) | 4,514.48 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0235 | EA | 22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1) | 4,644.04 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0236 | | **Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0228)* | | |
| 28 21 31 00-0237 | EA | 18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1) | 4,384.92 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0238 | EA | 18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1) | 4,546.19 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0239 | EA | 18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1) | 4,675.75 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0240 | EA | 35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1) | 5,047.21 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0241 | EA | 35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1) | 5,207.57 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0242 | EA | 35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1) | 5,337.13 | 165.29 |
| | | *For Protective Lower Dome Cage, Add* | *34.65* | |
| 28 21 31 00-0243 | | **Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0212)* | | |
| 28 21 31 00-0244 | | **Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0243)* | | |
| 28 21 31 00-0245 | EA | 16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1) | 4,389.45 | 165.29 |
| 28 21 31 00-0246 | EA | 22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1) | 5,099.75 | 165.29 |
| 28 21 31 00-0247 | | **Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0243)* | | |
| 28 21 31 00-0248 | EA | 23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1) | 5,564.53 | 165.29 |
| 28 21 31 00-0249 | | **Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0243)* | | |
| 28 21 31 00-0250 | EA | 18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1) | 5,131.46 | 165.29 |
| 28 21 31 00-0251 | EA | 35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1) | 5,792.84 | 165.29 |
| 28 21 31 00-0252 | | **Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems** *(28 21 31 00-0212)* | | |
| 28 21 31 00-0253 | | **Color, Miniature Spectra® IP Network, Mini Camera Dome Systems** *(28 21 31 00-0252)* | | |
| 28 21 31 00-0254 | EA | 10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1) | 2,159.78 | 165.29 |
| 28 21 31 00-0255 | | **Spectra®, Pan/Tilt Dome Drives** *(28 21 31 00-0143)*<br>Note: Includes dome drive, camera and lens. | | |
| 28 21 31 00-0256 | EA | 10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4) | 1,600.04 | 137.74 |
| 28 21 31 00-0257 | EA | 10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N) | 2,034.92 | 137.74 |
| 28 21 31 00-0258 | EA | 22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22) | 2,572.18 | 137.74 |
| 28 21 31 00-0259 | EA | 16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16) | 2,023.14 | 137.74 |
| 28 21 31 00-0260 | EA | 22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22) | 2,732.54 | 137.74 |
| 28 21 31 00-0261 | EA | 18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18) | 2,764.25 | 137.74 |
| 28 21 31 00-0262 | EA | 23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23) | 3,197.32 | 137.74 |
| 28 21 31 00-0263 | EA | 35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35) | 3,426.54 | 137.74 |
| 28 21 31 00-0264 | EA | 35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35) | 3,426.54 | 137.74 |
| 28 21 31 00-0265 | | **Accessories For Spectra® Pan/Tilt Camera Dome Systems** *(28 21 31 00-0143)* | | |
| 28 21 31 00-0266 | EA | Upgrade To Chrome Lower Dome (Pelco Spectra) | 127.75 | |
| 28 21 31 00-0267 | EA | Upgrade To Gold Lower Dome (Pelco Spectra) | 166.70 | |
| 28 21 31 00-0268 | EA | Wall Mount For Spectra® Systems (Pelco IWM-BK) | 139.89 | 13.78 |
| 28 21 31 00-0269 | EA | 24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK) | 350.99 | 13.78 |
| 28 21 31 00-0270 | EA | Wall Arm Mount For Spectra® Systems (Pelco IDM4018) | 136.27 | 13.78 |
| 28 21 31 00-0271 | EA | Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS) | 256.53 | 13.78 |
| 28 21 31 00-0272 | EA | Pole Mount Adapter For Spectra® Systems (Pelco PA402) | 72.26 | 8.19 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0273 | | Camclosure®, Camera Dome Systems *(28 21 31 00-0142)* | | |
| 28 21 31 00-0274 | | Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0273)* | | |
| 28 21 31 00-0275 | | Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0274)* | | |
| 28 21 31 00-0276 | | High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)* | | |
| 28 21 31 00-0277 | EA | 12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12) | 652.20 | 165.29 |
| 28 21 31 00-0278 | EA | 9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22) | 706.56 | 165.29 |
| 28 21 31 00-0279 | EA | 12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12) | 783.57 | 165.29 |
| 28 21 31 00-0280 | EA | 12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12) | 783.57 | 165.29 |
| 28 21 31 00-0281 | | Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)* | | |
| 28 21 31 00-0282 | EA | 9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22) | 793.54 | 165.29 |
| 28 21 31 00-0283 | EA | 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22) | 864.20 | 165.29 |
| 28 21 31 00-0284 | EA | 9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22) | 864.20 | 165.29 |
| 28 21 31 00-0285 | | Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)* | | |
| 28 21 31 00-0286 | EA | 9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22) | 907.69 | 165.29 |
| 28 21 31 00-0287 | EA | 9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22) | 1,082.55 | 165.29 |
| 28 21 31 00-0288 | EA | 9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22) | 1,082.55 | 165.29 |
| 28 21 31 00-0289 | | Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)* | | |
| 28 21 31 00-0290 | EA | 9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22) | 991.04 | 165.29 |
| 28 21 31 00-0291 | EA | 9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22) | 1,103.39 | 165.29 |
| 28 21 31 00-0292 | | Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0274)* | | |
| 28 21 31 00-0293 | | High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)* | | |
| 28 21 31 00-0294 | EA | 3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6) | 713.24 | 110.19 |
| 28 21 31 00-0295 | | Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)* | | |
| 28 21 31 00-0296 | EA | 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22) | 815.62 | 110.19 |
| 28 21 31 00-0297 | | Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)* | | |
| 28 21 31 00-0298 | EA | 9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22) | 897.16 | 110.19 |
| 28 21 31 00-0299 | | Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)* | | |
| 28 21 31 00-0300 | EA | 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22) | 937.93 | 110.19 |
| 28 21 31 00-0301 | | Camclosure® IS Integrated Cameras *(28 21 31 00-0274)* | | |
| 28 21 31 00-0302 | EA | 12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12) | 504.86 | 110.19 |
| 28 21 31 00-0303 | EA | 9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22) | 504.86 | 110.19 |
| 28 21 31 00-0304 | EA | 9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22) | 585.50 | 110.19 |
| 28 21 31 00-0305 | EA | 9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22) | 803.84 | 110.19 |
| 28 21 31 00-0306 | EA | 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22) | 824.68 | 110.19 |
| 28 21 31 00-0307 | | Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0273)* | | |
| 28 21 31 00-0308 | | Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0307)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0309 | | Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0308)* | | |
| 28 21 31 00-0310 | EA | 12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12) | 562.51 | 165.29 |
| 28 21 31 00-0311 | EA | 12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T) | 601.46 | 165.29 |
| 28 21 31 00-0312 | EA | 12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12) | 757.30 | 165.29 |
| 28 21 31 00-0313 | EA | 12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12) | 757.30 | 165.29 |
| 28 21 31 00-0314 | | High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0308)* | | |
| 28 21 31 00-0315 | EA | 3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A) | 932.15 | 165.29 |
| 28 21 31 00-0316 | | Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0307)* | | |
| 28 21 31 00-0317 | | Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0316)* | | |
| 28 21 31 00-0318 | EA | 12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12) | 647.11 | 110.19 |
| 28 21 31 00-0319 | | Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0307)* | | |
| 28 21 31 00-0320 | | High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)* | | |
| 28 21 31 00-0321 | EA | 9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22) | 864.20 | 165.29 |
| 28 21 31 00-0322 | | Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)* | | |
| 28 21 31 00-0323 | EA | 9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22) | 945.74 | 165.29 |
| 28 21 31 00-0324 | | Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)* | | |
| 28 21 31 00-0325 | EA | 9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22) | 1,048.12 | 165.29 |
| 28 21 31 00-0326 | | Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)* | | |
| 28 21 31 00-0327 | EA | 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22) | 1,088.89 | 165.29 |
| 28 21 31 00-0328 | | Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0273)* | | |
| 28 21 31 00-0329 | | Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0328)* | | |
| 28 21 31 00-0330 | | High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0329)* | | |
| 28 21 31 00-0331 | EA | 3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9) | 1,538.27 | 165.29 |
| 28 21 31 00-0332 | EA | 9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22) | 1,538.27 | 165.29 |
| 28 21 31 00-0333 | | Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0329)* | | |
| 28 21 31 00-0334 | EA | 3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9) | 1,650.61 | 165.29 |
| 28 21 31 00-0335 | EA | 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22) | 1,650.61 | 165.29 |
| 28 21 31 00-0336 | | Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0329)* | | |
| 28 21 31 00-0337 | EA | 3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9) | 1,823.66 | 165.29 |
| 28 21 31 00-0338 | EA | 9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22) | 1,823.66 | 165.29 |
| 28 21 31 00-0339 | | Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0329)* | | |
| 28 21 31 00-0340 | EA | 3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9) | 1,945.97 | 165.29 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0341 | EA | 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22) | 1,945.97 | 165.29 |
| **28 21 31 00-0342** | | **Accessories For Camclosure® Camera Dome Systems** *(28 21 31 00-0273)* | | |
| 28 21 31 00-0343 | EA | 4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP) | 32.84 | 8.26 |
| 28 21 31 00-0344 | EA | 4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP) | 32.84 | 8.26 |
| 28 21 31 00-0345 | EA | Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS) | 43.86 | 13.78 |
| 28 21 31 00-0346 | EA | Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND) | 69.23 | 13.78 |
| 28 21 31 00-0347 | EA | 2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P) | 70.89 | 8.26 |
| 28 21 31 00-0348 | EA | Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG) | 69.23 | 13.78 |
| 28 21 31 00-0349 | EA | Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM) | 87.35 | 13.78 |
| 28 21 31 00-0350 | EA | Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A) | 232.67 | 27.55 |
| 28 21 31 00-0351 | EA | Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A) | 232.67 | 27.55 |
| 28 21 31 00-0352 | EA | Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A) | 232.67 | 27.55 |
| 28 21 31 00-0353 | EA | Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A) | 232.67 | 27.55 |
| 28 21 31 00-0354 | EA | Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P) | 82.82 | 13.78 |
| 28 21 31 00-0355 | EA | Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD) | 95.86 | 27.55 |
| 28 21 31 00-0356 | EA | Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD) | 95.86 | 27.55 |
| 28 21 31 00-0357 | EA | Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD) | 95.86 | 27.55 |
| 28 21 31 00-0358 | EA | Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD) | 95.86 | 27.55 |
| 28 21 31 00-0359 | EA | Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD) | 95.86 | 27.55 |
| 28 21 31 00-0360 | EA | Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD) | 95.86 | 27.55 |
| 28 21 31 00-0361 | EA | Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC) | 278.25 | 37.63 |
| 28 21 31 00-0362 | EA | Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P) | 59.26 | 13.78 |
| 28 21 31 00-0363 | EA | Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW) | 100.03 | 13.78 |
| 28 21 31 00-0364 | EA | White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P) | 59.26 | 13.78 |
| 28 21 31 00-0365 | EA | White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW) | 100.03 | 13.78 |
| 28 21 31 00-0366 | EA | Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC) | 1,435.89 | 165.29 |
| **28 21 31 00-0367** | | **Pan/Tilt Camera Systems** *(28 21 31 00-0141)* | | |
| **28 21 31 00-0368** | | **Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0367)*<br>Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware. | | |
| **28 21 31 00-0369** | | **EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0368)* | | |
| **28 21 31 00-0370** | | **Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0369)* | | |
| 28 21 31 00-0371 | EA | 10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N) | 4,041.04 | 247.93 |
| 28 21 31 00-0372 | EA | 20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N) | 4,585.54 | 247.93 |
| 28 21 31 00-0373 | EA | 30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N) | 5,340.24 | 247.93 |
| 28 21 31 00-0374 | EA | 10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN) | 4,157.91 | 247.93 |
| 28 21 31 00-0375 | EA | 20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN) | 4,726.88 | 247.93 |
| 28 21 31 00-0376 | EA | 30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN) | 5,481.58 | 247.93 |
| **28 21 31 00-0377** | | **Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0369)* | | |
| 28 21 31 00-0378 | EA | 10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W) | 4,078.18 | 247.93 |
| 28 21 31 00-0379 | EA | 20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W) | 4,622.69 | 247.93 |
| 28 21 31 00-0380 | EA | 30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W) | 5,377.39 | 247.93 |
| 28 21 31 00-0381 | EA | 10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW) | 4,195.96 | 247.93 |
| 28 21 31 00-0382 | EA | 20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW) | 4,764.03 | 247.93 |
| 28 21 31 00-0383 | EA | 30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW) | 5,518.72 | 247.93 |
| **28 21 31 00-0384** | | **Esprit® CLZ, Pan/Tilt Camera Systems** *(28 21 31 00-0367)* | | |
| **28 21 31 00-0385** | | **DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems** *(28 21 31 00-0384)* | | |
| **28 21 31 00-0386** | | **Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems** *(28 21 31 00-0385)* | | |
| 28 21 31 00-0387 | EA | 10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N) | 4,182.37 | 247.93 |
| 28 21 31 00-0388 | EA | 20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N) | 4,726.88 | 247.93 |
| 28 21 31 00-0389 | EA | 30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N) | 5,481.58 | 247.93 |
| 28 21 31 00-0390 | EA | 10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN) | 4,299.25 | 247.93 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0391 | EA | 20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN) | 4,868.22 | 247.93 |
| 28 21 31 00-0392 | EA | 30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN) | 5,622.91 | 247.93 |
| 28 21 31 00-0393 | | Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0385)* | | |
| 28 21 31 00-0394 | EA | 10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W) | 4,219.52 | 247.93 |
| 28 21 31 00-0395 | EA | 20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W) | 4,764.03 | 247.93 |
| 28 21 31 00-0396 | EA | 30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W) | 5,518.72 | 247.93 |
| 28 21 31 00-0397 | EA | 10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW) | 4,337.30 | 247.93 |
| 28 21 31 00-0398 | EA | 20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW) | 4,905.36 | 247.93 |
| 28 21 31 00-0399 | EA | 30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW) | 5,660.06 | 247.93 |
| 28 21 31 00-0400 | | Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)* | | |
| 28 21 31 00-0401 | | High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0400)* | | |
| 28 21 31 00-0402 | | Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0401)* | | |
| 28 21 31 00-0403 | EA | 6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N) | 3,945.91 | 247.93 |
| 28 21 31 00-0404 | EA | 5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N) | 4,490.41 | 247.93 |
| 28 21 31 00-0405 | EA | 5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N) | 5,245.11 | 247.93 |
| 28 21 31 00-0406 | EA | 6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN) | 4,063.69 | 247.93 |
| 28 21 31 00-0407 | EA | 5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN) | 4,631.75 | 247.93 |
| 28 21 31 00-0408 | EA | 5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN) | 5,386.45 | 247.93 |
| 28 21 31 00-0409 | | Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0401)* | | |
| 28 21 31 00-0410 | EA | 6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W) | 3,983.96 | 247.93 |
| 28 21 31 00-0411 | EA | 5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W) | 4,527.56 | 247.93 |
| 28 21 31 00-0412 | EA | 5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W) | 5,283.16 | 247.93 |
| 28 21 31 00-0413 | EA | 6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW) | 4,010.23 | 247.93 |
| 28 21 31 00-0414 | EA | 6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W) | 4,100.83 | 247.93 |
| 28 21 31 00-0415 | EA | 5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW) | 4,668.90 | 247.93 |
| 28 21 31 00-0416 | EA | 5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW) | 5,424.50 | 247.93 |
| 28 21 31 00-0417 | | Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)* | | |
| 28 21 31 00-0418 | | Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0417)* | | |
| 28 21 31 00-0419 | | Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0418)* | | |
| 28 21 31 00-0420 | EA | 5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N) | 4,716.01 | 247.93 |
| 28 21 31 00-0421 | EA | 5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N) | 5,470.71 | 247.93 |
| 28 21 31 00-0422 | EA | 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN) | 4,289.28 | 247.93 |
| 28 21 31 00-0423 | EA | 5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN) | 4,857.34 | 247.93 |
| 28 21 31 00-0424 | EA | 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN) | 5,612.04 | 247.93 |
| 28 21 31 00-0425 | | Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0418)* | | |
| 28 21 31 00-0426 | EA | 6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W) | 4,209.55 | 247.93 |
| 28 21 31 00-0427 | EA | 5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W) | 4,753.15 | 247.93 |
| 28 21 31 00-0428 | EA | 5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W) | 5,508.76 | 247.93 |
| 28 21 31 00-0429 | EA | 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW) | 4,326.43 | 247.93 |
| 28 21 31 00-0430 | EA | 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW) | 4,894.49 | 247.93 |
| 28 21 31 00-0431 | EA | 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW) | 5,650.09 | 247.93 |
| 28 21 31 00-0432 | | Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)* | | |
| 28 21 31 00-0433 | | Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0432)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0434 | | Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0433)* | | |
| 28 21 31 00-0435 | EA | 5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N) | 5,591.20 | 247.93 |
| 28 21 31 00-0436 | EA | 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN) | 4,408.87 | 247.93 |
| 28 21 31 00-0437 | EA | 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN) | 5,732.54 | 247.93 |
| 28 21 31 00-0438 | | Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0433)* | | |
| 28 21 31 00-0439 | EA | 6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W) | 4,329.15 | 247.93 |
| 28 21 31 00-0440 | EA | 5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W) | 5,629.26 | 247.93 |
| 28 21 31 00-0441 | EA | 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW) | 4,446.93 | 247.93 |
| 28 21 31 00-0442 | EA | 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW) | 5,014.99 | 247.93 |
| 28 21 31 00-0443 | EA | 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW) | 5,770.59 | 247.93 |
| 28 21 31 00-0444 | | Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0367)* | | |
| 28 21 31 00-0445 | | Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0444)* | | |
| 28 21 31 00-0446 | | Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0445)* | | |
| 28 21 31 00-0447 | EA | 16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N) | 4,708.76 | 247.93 |
| 28 21 31 00-0448 | | Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0445)* | | |
| 28 21 31 00-0449 | EA | 16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W) | 4,745.91 | 247.93 |
| 28 21 31 00-0450 | | High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0444)* | | |
| 28 21 31 00-0451 | | Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0450)* | | |
| 28 21 31 00-0452 | EA | 22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N) | 5,591.20 | 247.93 |
| 28 21 31 00-0453 | EA | 24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N) | 5,406.38 | 247.93 |
| 28 21 31 00-0454 | EA | 35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N) | 6,144.77 | 247.93 |
| 28 21 31 00-0455 | | Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0450)* | | |
| 28 21 31 00-0456 | EA | 22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W) | 5,627.44 | 247.93 |
| 28 21 31 00-0457 | EA | 24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W) | 5,406.38 | 247.93 |
| 28 21 31 00-0458 | EA | 35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W) | 6,185.54 | 247.93 |
| 28 21 31 00-0459 | | Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0367)* | | |
| 28 21 31 00-0460 | | High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0459)* | | |
| 28 21 31 00-0461 | | Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0460)* | | |
| 28 21 31 00-0462 | EA | 16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N) | 3,622.47 | 247.93 |
| 28 21 31 00-0463 | EA | 22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N) | 4,505.82 | 247.93 |
| 28 21 31 00-0464 | EA | 24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N) | 4,323.71 | 247.93 |
| 28 21 31 00-0465 | EA | 35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N) | 4,899.02 | 247.93 |
| 28 21 31 00-0466 | | Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0460)* | | |
| 28 21 31 00-0467 | EA | 16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W) | 3,658.71 | 247.93 |
| 28 21 31 00-0468 | EA | 22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W) | 4,542.96 | 247.93 |
| 28 21 31 00-0469 | EA | 24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W) | 4,360.86 | 247.93 |
| 28 21 31 00-0470 | EA | 35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W) | 4,939.79 | 247.93 |
| 28 21 31 00-0471 | | Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0367)* | | |
| 28 21 31 00-0472 | | Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0471)* | | |
| 28 21 31 00-0473 | | Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0472)* | | |
| 28 21 31 00-0474 | EA | 14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N) | 23,242.80 | 247.93 |
| 28 21 31 00-0475 | EA | 35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N) | 24,994.10 | 247.93 |
| 28 21 31 00-0476 | EA | 50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N) | 25,582.09 | 247.93 |
| 28 21 31 00-0477 | | Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0472)* | | |
| 28 21 31 00-0478 | EA | 14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W) | 23,280.85 | 247.93 |
| 28 21 31 00-0479 | EA | 35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W) | 25,031.25 | 247.93 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0480 | EA | 50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W) | 25,619.24 | 247.93 |
| **28 21 31 00-0481** | | **Accessories For Esprit® Pan/Tilt Camera Systems** *(28 21 31 00-0367)* | | |
| 28 21 31 00-0482 | EA | Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE) | 10.31 | 2.75 |
| 28 21 31 00-0483 | EA | Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT) | 59.26 | 13.78 |
| 28 21 31 00-0484 | EA | Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM) | 91.88 | 13.78 |
| 28 21 31 00-0485 | EA | Wall Mount For High Security Enclosures (Pelco HSWM12) | 116.34 | 13.78 |
| 28 21 31 00-0486 | EA | Ground Isolation Transformer (Pelco GIT100) | 341.67 | 37.63 |
| 28 21 31 00-0487 | EA | High Security, Indoor Wedge Style Enclosure (Pelco HS2100) | 498.16 | 37.63 |
| 28 21 31 00-0488 | EA | High Security, Indoor 10" Length Enclosure (Pelco HS3000) | 407.80 | 37.63 |
| 28 21 31 00-0489 | EA | High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500) | 577.74 | 37.63 |
| 28 21 31 00-0490 | EA | High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080) | 317.20 | 37.63 |
| 28 21 31 00-0491 | EA | High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134) | 826.27 | 37.63 |
| 28 21 31 00-0492 | EA | Bullet-Resistant, Outdoor Enclosure (Pelco HS4514) | 1,260.35 | 37.63 |
| 28 21 31 00-0493 | EA | Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT) | 1,496.82 | 37.63 |
| 28 21 31 00-0494 | EA | 24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24) | 1,550.27 | 37.63 |
| 28 21 31 00-0495 | EA | 35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35) | 1,634.53 | 37.63 |
| 28 21 31 00-0496 | EA | 24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2) | 2,105.21 | 37.63 |
| 28 21 31 00-0497 | EA | 24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N) | 2,130.14 | 37.63 |
| 28 21 31 00-0498 | EA | 24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W) | 2,154.08 | 37.63 |
| 28 21 31 00-0499 | EA | 30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30) | 5,109.04 | 37.63 |
| 28 21 31 00-0500 | EA | 30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P) | 5,250.37 | 37.63 |
| 28 21 31 00-0501 | EA | Esprit® Camera Pole Mount Adapter (Pelco EPM) | 97.58 | 8.86 |
| 28 21 31 00-0502 | EA | Pole Mount Adapter For Esprit® Systems (Pelco EPM) | 97.58 | 8.86 |
| **28 21 31 00-0503** | | **Camera Lenses** *(28 21 31 00-0002)* | | |
| **28 21 31 00-0504** | | **Fixed Focus Camera Lenses** *(28 21 31 00-0503)*<br>Note: 1/3" format and manual focus. | | |
| **28 21 31 00-0505** | | **Manual Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0504)* | | |
| 28 21 31 00-0506 | EA | 2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3) | 149.57 | 12.92 |
| 28 21 31 00-0507 | EA | 2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8) | 124.20 | 12.92 |
| 28 21 31 00-0508 | EA | 4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4) | 111.52 | 12.92 |
| 28 21 31 00-0509 | EA | 8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8) | 108.80 | 12.92 |
| **28 21 31 00-0510** | | **Direct Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0504)*<br>Note: Includes spot filter. Excludes amplifier. | | |
| 28 21 31 00-0511 | EA | 2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3) | 186.71 | 12.92 |
| 28 21 31 00-0512 | EA | 2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8) | 149.57 | 12.92 |
| 28 21 31 00-0513 | EA | 4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4) | 140.51 | 12.92 |
| 28 21 31 00-0514 | EA | 8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8) | 100.64 | 12.92 |
| **28 21 31 00-0515** | | **Video Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0504)*<br>Note: Includes LDC100 adapter to convert DC auto iris to video drive. | | |
| 28 21 31 00-0516 | EA | 2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S) | 220.24 | 12.92 |
| 28 21 31 00-0517 | EA | 2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S) | 182.18 | 12.92 |
| 28 21 31 00-0518 | EA | 4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S) | 173.12 | 12.92 |
| 28 21 31 00-0519 | EA | 8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S) | 165.88 | 12.92 |
| **28 21 31 00-0520** | | **Varifocal Camera Lenses** *(28 21 31 00-0503)*<br>Note: 1/3" format and manual focus and zoom. | | |
| **28 21 31 00-0521** | | **Manual Iris, Varifocal Camera Lenses** *(28 21 31 00-0520)* | | |
| 28 21 31 00-0522 | EA | 1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3) | 208.10 | 12.92 |
| 28 21 31 00-0523 | EA | 2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6) | 174.94 | 12.92 |
| 28 21 31 00-0524 | EA | 2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12) | 135.98 | 12.92 |
| 28 21 31 00-0525 | EA | 3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8) | 119.67 | 12.92 |
| 28 21 31 00-0526 | EA | 5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5) | 310.84 | 12.92 |
| 28 21 31 00-0527 | EA | 5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40) | 162.02 | 12.92 |
| 28 21 31 00-0528 | EA | 5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50) | 172.49 | 12.92 |
| **28 21 31 00-0529** | | **Direct Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0520)*<br>Note: Includes spot filter. | | |
| 28 21 31 00-0530 | EA | 1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3) | 204.61 | 12.92 |
| 28 21 31 00-0531 | EA | 2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6) | 180.87 | 12.92 |
| 28 21 31 00-0532 | EA | 2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12) | 138.98 | 12.92 |
| 28 21 31 00-0533 | EA | 3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8) | 104.08 | 12.92 |
| 28 21 31 00-0534 | EA | 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5) | 338.92 | 12.92 |
| 28 21 31 00-0535 | EA | 5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50) | 202.51 | 12.92 |
| **28 21 31 00-0536** | | **Video Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0520)*<br>Note: Includes spot filter. | | |
| 28 21 31 00-0537 | EA | 1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S) | 297.25 | 12.92 |
| 28 21 31 00-0538 | EA | 2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S) | 263.72 | 12.92 |
| 28 21 31 00-0539 | EA | 3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S) | 158.63 | 12.92 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0540 | EA | 5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S) | 293.62 | 12.92 |
| 28 21 31 00-0541 | | Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0520)* | | |
| 28 21 31 00-0542 | EA | 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5) | 120.13 | 12.92 |
| 28 21 31 00-0543 | EA | 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50) | 179.47 | 12.92 |
| 28 21 31 00-0544 | | Motorized Zoom Camera Lenses *(28 21 31 00-0503)* Note: 1/3" format. | | |
| 28 21 31 00-0545 | | Manual Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)* | | |
| 28 21 31 00-0546 | EA | 8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8) | 539.15 | 12.92 |
| 28 21 31 00-0547 | EA | 10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10) | 673.24 | 12.92 |
| 28 21 31 00-0548 | EA | 15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15) | 717.63 | 12.92 |
| 28 21 31 00-0549 | | Direct Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)* Note: Includes spot filter. | | |
| 28 21 31 00-0550 | EA | 6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8) | 473.38 | 12.92 |
| 28 21 31 00-0551 | EA | 10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10) | 546.68 | 12.92 |
| 28 21 31 00-0552 | EA | 15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15) | 792.83 | 12.92 |
| 28 21 31 00-0553 | EA | 20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20) | 936.23 | 12.92 |
| 28 21 31 00-0554 | EA | 30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30) | 1,855.64 | 12.92 |
| 28 21 31 00-0555 | | Video Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)* Note: Includes spot filter. | | |
| 28 21 31 00-0556 | EA | 8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S) | 552.74 | 12.92 |
| 28 21 31 00-0557 | EA | 10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S) | 657.83 | 12.92 |
| 28 21 31 00-0558 | EA | 15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S) | 826.35 | 12.92 |
| 28 21 31 00-0559 | EA | 20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S) | 1,202.34 | 12.92 |
| 28 21 31 00-0560 | EA | 30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S) | 1,957.04 | 12.92 |
| 28 21 31 00-0561 | | Camera Power Supplies *(28 21 31 00-0002)* | | |
| 28 21 31 00-0562 | EA | 20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000) | 38.34 | 11.02 |
| 28 21 31 00-0563 | EA | 50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000) | 65.52 | 11.02 |
| 28 21 31 00-0564 | EA | 2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2) | 270.97 | 22.03 |
| 28 21 31 00-0565 | EA | 5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5) | 313.94 | 33.06 |
| 28 21 31 00-0566 | EA | 10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10) | 354.83 | 44.08 |
| | | *For Switchable Outputs, Add* | *160.01* | |
| 28 21 31 00-0567 | EA | 20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20) | 397.81 | 55.09 |
| | | *For Switchable Outputs, Add* | *172.57* | |
| 28 21 31 00-0568 | | Camera Illuminators *(28 21 31 00-0002)* | | |
| 28 21 31 00-0569 | | Camera Illuminators *(28 21 31 00-0568)* Note: Includes lamp and mounting bracket. | | |
| 28 21 31 00-0570 | EA | Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF) | 1,432.07 | 22.03 |
| 28 21 31 00-0571 | EA | Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS) | 1,432.07 | 22.03 |
| 28 21 31 00-0572 | EA | Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF) | 1,432.07 | 22.03 |
| 28 21 31 00-0573 | | Camera Illuminator Accessories *(28 21 31 00-0568)* | | |
| 28 21 31 00-0574 | EA | Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56) | 121.09 | 22.03 |
| 28 21 31 00-0575 | | Camera Receivers *(28 21 31 00-0002)* | | |
| 28 21 31 00-0576 | EA | 24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP) | 1,394.44 | 37.63 |
| 28 21 31 00-0577 | EA | 120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP) | 1,394.44 | 37.63 |
| 28 21 31 00-0578 | | Pan And Tilt Drives *(28 21 31 00-0002)* | | |
| 28 21 31 00-0579 | EA | 15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P) | 992.47 | 82.64 |
| 28 21 31 00-0580 | EA | 40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P) | 1,257.02 | 82.64 |
| | | *For Preset Positioning, Add* | *165.00* | |
| 28 21 31 00-0581 | EA | 100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P) | 2,645.01 | 82.64 |
| | | *For Preset Positioning, Add* | *165.00* | |
| 28 21 31 00-0582 | EA | 100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC) | 3,021.00 | 82.64 |
| | | *For Preset Positioning, Add* | *165.00* | |
| 28 21 31 00-0583 | EA | 100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL) | 3,493.93 | 82.64 |
| | | *For Preset Positioning, Add* | *165.00* | |
| 28 21 31 00-0584 | EA | 100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX) | 4,499.59 | 82.64 |
| | | *For Preset Positioning, Add* | *165.00* | |
| 28 21 31 00-0585 | | Scanners *(28 21 31 00-0002)* | | |
| 28 21 31 00-0586 | EA | 35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24) | 1,131.09 | 82.64 |
| | | *For Wall Mount, Add* | *39.05* | |
| | | *For Pressure Sensor Alarm, Add* | *51.15* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0587 | EA | 35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20) | 1,188.16 | 82.64 |
| | | *For Wall Mount, Add* | *39.05* | |
| | | *For Pressure Sensor Alarm, Add* | *51.15* | |
| 28 21 31 00-0588 | | Camera Monitors *(28 21 31 00-0001)* | | |
| 28 21 31 00-0589 | | Camera Monitors *(28 21 31 00-0588)* | | |
| 28 21 31 00-0590 | | Monochrome Camera Monitors *(28 21 31 00-0589)* | | |
| 28 21 31 00-0591 | EA | 9" Monochrome Camera Monitor (Pelco PMM9A) | 220.60 | 16.53 |
| 28 21 31 00-0592 | EA | 12" Monochrome Camera Monitor (Pelco PMM12A) | 252.31 | 16.53 |
| 28 21 31 00-0593 | EA | 15" Monochrome Camera Monitor (Pelco PMM15A) | 386.40 | 16.53 |
| 28 21 31 00-0594 | EA | 20" Monochrome Camera Monitor (Pelco PMM20A) | 621.05 | 16.53 |
| 28 21 31 00-0595 | | Color Camera Monitors *(28 21 31 00-0589)* | | |
| 28 21 31 00-0596 | EA | 9", High Resolution Color, Camera Monitor (Pelco PMC9A) | 700.78 | 16.53 |
| 28 21 31 00-0597 | EA | 15", High Resolution Color, Camera Monitor (Pelco PMCS15A) | 568.51 | 16.53 |
| 28 21 31 00-0598 | EA | 17", High Resolution Color, Camera Monitor (Pelco PMCS17A) | 825.81 | 16.53 |
| 28 21 31 00-0599 | EA | 19", High Resolution Color, Camera Monitor (Pelco PMCS19A) | 1,097.61 | 16.53 |
| 28 21 31 00-0600 | | LCD Camera Monitors *(28 21 31 00-0588)* | | |
| 28 21 31 00-0601 | | VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) *(28 21 31 00-0600)*<br>Note: Displays VGA computer signals. | | |
| 28 21 31 00-0602 | EA | 17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217) | 792.29 | 16.53 |
| 28 21 31 00-0603 | EA | 19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219) | 1,031.47 | 16.53 |
| 28 21 31 00-0604 | | Multimode, Color LCD Camera Monitors (Pelco 300 Series) *(28 21 31 00-0600)*<br>Note: Displays VGA computer signals and/or composite video signals. | | |
| 28 21 31 00-0605 | EA | 15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315) | 901.01 | 16.53 |
| 28 21 31 00-0606 | EA | 17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317) | 1,078.58 | 16.53 |
| 28 21 31 00-0607 | EA | 19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319) | 1,326.83 | 16.53 |
| 28 21 31 00-0608 | | Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) *(28 21 31 00-0600)*<br>Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option. | | |
| 28 21 31 00-0609 | EA | 15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415) | 1,156.50 | 16.53 |
| 28 21 31 00-0610 | EA | 17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417) | 1,341.32 | 16.53 |
| 28 21 31 00-0611 | EA | 19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419) | 1,682.89 | 16.53 |
| 28 21 31 00-0612 | | Camera Monitor Mounting Accessories *(28 21 31 00-0588)* | | |
| 28 21 31 00-0613 | | Camera Monitor Mounts *(28 21 31 00-0612)* | | |
| 28 21 31 00-0614 | EA | Up To 14", Camera Monitor Mount (Pelco) | 270.58 | 22.03 |
| 28 21 31 00-0615 | EA | >14" To 17", Camera Monitor Mount (Pelco) | 314.97 | 22.03 |
| 28 21 31 00-0616 | EA | >17" To 21", Camera Monitor Mount (Pelco) | 369.33 | 22.03 |
| 28 21 31 00-0617 | | Camera Monitor Rack Mount Kits *(28 21 31 00-0612)* | | |
| 28 21 31 00-0618 | EA | Camera Monitor Rack Mount Kit (Pelco PMCL-RM) | 164.58 | 22.03 |
| 28 21 31 00-0619 | | Video Transmission Equipment *(28 21 31 00-0001)* | | |
| 28 21 31 00-0620 | | UTP Cable, Video Transmission Equipment *(28 21 31 00-0619)* | | |
| 28 21 31 00-0621 | | UTP Cable, Active Video Receivers *(28 21 31 00-0620)* | | |
| 28 21 31 00-0622 | EA | Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR) | 340.48 | 27.55 |
| 28 21 31 00-0623 | EA | Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR) | 1,167.66 | 27.55 |
| 28 21 31 00-0624 | EA | Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US) | 2,295.63 | 27.55 |
| 28 21 31 00-0625 | EA | Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US) | 3,769.69 | 27.55 |
| 28 21 31 00-0626 | EA | Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US) | 4,401.17 | 27.55 |
| 28 21 31 00-0627 | | UTP Cable, Passive Video Transceivers *(28 21 31 00-0620)* | | |
| 28 21 31 00-0628 | EA | Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P) | 101.30 | 27.55 |
| 28 21 31 00-0629 | EA | Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P) | 340.48 | 27.55 |
| 28 21 31 00-0630 | EA | Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P) | 626.78 | 27.55 |
| 28 21 31 00-0631 | EA | Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P) | 1,190.31 | 27.55 |
| 28 21 31 00-0632 | EA | Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P) | 2,326.43 | 27.55 |
| 28 21 31 00-0633 | | UTP Cable, Active Video Transmitters *(28 21 31 00-0620)* | | |
| 28 21 31 00-0634 | EA | Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT) | 355.88 | 27.55 |
| 28 21 31 00-0635 | | Fiber Optics, Video Transmission Equipment *(28 21 31 00-0619)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 21 31 00-0636** | | **Data Only, Fiber Optics Transmission Equipment** *(28 21 31 00-0635)* | | |
| **28 21 31 00-0637** | | **Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0636)* | | |
| 28 21 31 00-0638 | EA | Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS) | 2,056.28 | 55.09 |
| 28 21 31 00-0639 | EA | Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM) | 844.05 | 55.09 |
| 28 21 31 00-0640 | EA | Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S) | 1,504.52 | 55.09 |
| 28 21 31 00-0641 | EA | Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M) | 1,039.75 | 55.09 |
| **28 21 31 00-0642** | | **Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0636)* | | |
| 28 21 31 00-0643 | EA | Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS) | 2,056.28 | 55.09 |
| 28 21 31 00-0644 | EA | Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM) | 844.05 | 55.09 |
| 28 21 31 00-0645 | EA | Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S) | 1,504.52 | 55.09 |
| 28 21 31 00-0646 | EA | Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M) | 1,039.75 | 55.09 |
| **28 21 31 00-0647** | | **Video Only, Fiber Optics Transmission Equipment** *(28 21 31 00-0635)* | | |
| **28 21 31 00-0648** | | **Digitally Encoded Video, Fiber Optics Transmitters** *(28 21 31 00-0647)* | | |
| 28 21 31 00-0649 | EA | Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS) | 916.53 | 55.09 |
| 28 21 31 00-0650 | EA | Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM) | 403.73 | 55.09 |
| 28 21 31 00-0651 | EA | Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S) | 2,528.30 | 55.09 |
| 28 21 31 00-0652 | EA | Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M) | 1,522.64 | 55.09 |
| 28 21 31 00-0653 | EA | Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S) | 4,137.36 | 55.09 |
| 28 21 31 00-0654 | EA | Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M) | 3,441.55 | 55.09 |
| 28 21 31 00-0655 | EA | Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S) | 10,261.92 | 55.09 |
| 28 21 31 00-0656 | EA | Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M) | 9,133.95 | 55.09 |
| **28 21 31 00-0657** | | **Digitally Encoded Video, Fiber Optics Receivers** *(28 21 31 00-0647)* | | |
| 28 21 31 00-0658 | EA | Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS) | 916.53 | 55.09 |
| 28 21 31 00-0659 | EA | Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM) | 403.73 | 55.09 |
| 28 21 31 00-0660 | EA | Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS) | 1,559.79 | 55.09 |
| 28 21 31 00-0661 | EA | Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM) | 636.58 | 55.09 |
| 28 21 31 00-0662 | EA | Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S) | 2,528.30 | 55.09 |
| 28 21 31 00-0663 | EA | Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M) | 1,522.64 | 55.09 |
| 28 21 31 00-0664 | EA | Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S) | 4,137.36 | 55.09 |
| 28 21 31 00-0665 | EA | Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M) | 3,441.55 | 55.09 |
| 28 21 31 00-0666 | EA | Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S) | 10,261.92 | 55.09 |
| 28 21 31 00-0667 | EA | Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M) | 9,133.95 | 55.09 |
| **28 21 31 00-0668** | | **Video And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0635)* | | |
| **28 21 31 00-0669** | | **Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0668)* | | |
| 28 21 31 00-0670 | EA | Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS) | 1,575.19 | 55.09 |
| 28 21 31 00-0671 | EA | Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM) | 941.90 | 55.09 |
| 28 21 31 00-0672 | EA | Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S) | 3,658.09 | 55.09 |
| 28 21 31 00-0673 | EA | Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M) | 3,167.94 | 55.09 |
| 28 21 31 00-0674 | EA | Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S) | 5,916.74 | 55.09 |
| 28 21 31 00-0675 | EA | Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M) | 4,291.38 | 55.09 |
| **28 21 31 00-0676** | | **Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0668)* | | |
| 28 21 31 00-0677 | EA | Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS) | 1,575.19 | 55.09 |
| 28 21 31 00-0678 | EA | Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM) | 941.90 | 55.09 |
| 28 21 31 00-0679 | EA | Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S) | 3,658.09 | 55.09 |
| 28 21 31 00-0680 | EA | Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M) | 3,167.94 | 55.09 |
| 28 21 31 00-0681 | EA | Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S) | 5,916.74 | 55.09 |
| 28 21 31 00-0682 | EA | Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M) | 4,291.38 | 55.09 |
| **28 21 31 00-0683** | | **Video, Audio And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0635)* | | |
| **28 21 31 00-0684** | | **Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters** *(28 21 31 00-0683)* | | |
| 28 21 31 00-0685 | EA | Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S) | 2,027.29 | 55.09 |
| 28 21 31 00-0686 | EA | Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M) | 1,614.15 | 55.09 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 21 31 00-0687** | | **Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers** *(28 21 31 00-0683)* | | |
| 28 21 31 00-0688 | EA | Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S) | 2,027.29 | 55.09 |
| 28 21 31 00-0689 | EA | Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M) | 1,614.15 | 55.09 |
| **28 21 31 00-0690** | | **Video Amplifiers** *(28 21 31 00-0619)* | | |
| **28 21 31 00-0691** | | **Video Distribution Amplifiers** *(28 21 31 00-0690)* | | |
| 28 21 31 00-0692 | EA | 1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT) | 251.33 | 13.78 |
| 28 21 31 00-0693 | EA | 16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA)<br>Note: Inserts time-date and title on up to 16 video inputs. | 2,030.72 | 13.78 |
| **28 21 31 00-0694** | | **Video Equalizing Amplifiers** *(28 21 31 00-0690)* | | |
| 28 21 31 00-0695 | EA | Video Equalizing Amplifier (Pelco EA2010) | 273.08 | 13.78 |
| 28 21 31 00-0696 | EA | Half-Duplex, Video Equalizing Amplifier (Pelco EA2000) | 428.00 | 13.78 |
| **28 21 31 00-0697** | | **Network Video Equipment** *(28 21 31 00-0001)* | | |
| **28 21 31 00-0698** | | **Video Encoders/Decoders** *(28 21 31 00-0697)* | | |
| 28 21 31 00-0699 | EA | MPEG4 IP Video Receiver (Pelco NET300R) | 1,012.57 | 27.55 |
| 28 21 31 00-0700 | EA | MPEG4 IP Video Transmitter (Pelco NET300T) | 1,012.57 | 27.55 |
| 28 21 31 00-0701 | EA | MPEG4 IP Video Receiver With Audio (Pelco NET350R) | 1,164.77 | 27.55 |
| 28 21 31 00-0702 | EA | MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T) | 1,164.77 | 27.55 |
| **28 21 31 00-0703** | | **Network Video Recorders** *(28 21 31 00-0697)* | | |
| 28 21 31 00-0704 | EA | 16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316) | 6,385.15 | 55.09 |
| 28 21 31 00-0705 | EA | 32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332) | 7,429.76 | 55.09 |
| 28 21 31 00-0706 | EA | 64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364) | 9,520.81 | 55.09 |
| 28 21 31 00-0707 | EA | 64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300) | 6,306.32 | 55.09 |
| **28 21 31 00-0708** | | **Network Video Recorder Software** *(28 21 31 00-0697)* | | |
| 28 21 31 00-0709 | EA | 10 User, License Pack (Pelco VMX300-LIC-10) | 630.58 | |
| 28 21 31 00-0710 | EA | 20 User, License Pack (Pelco VMX300-LIC-20) | 1,137.03 | |
| 28 21 31 00-0711 | EA | 50 User, License Pack (Pelco VMX300-LIC-50) | 2,525.02 | |
| 28 21 31 00-0712 | EA | 100 User, License Pack (Pelco VMX300-LIC-100) | 4,416.75 | |
| 28 21 31 00-0713 | EA | 10 User, Enterprise License Pack (Pelco VMX300-E-LIC10) | 1,052.77 | |
| 28 21 31 00-0714 | EA | 20 User, Enterprise License Pack (Pelco VMX300-E-LIC20) | 1,893.54 | |
| 28 21 31 00-0715 | EA | 50 User, Enterprise License Pack (Pelco VMX300-E-LIC50) | 4,208.37 | |
| 28 21 31 00-0716 | EA | 100 User, Enterprise License Pack (Pelco VMX300-E-LIC100) | 7,363.06 | |
| 28 21 31 00-0717 | EA | 200 User, Enterprise License Pack (Pelco VMX300-E-LIC200) | 12,621.49 | |
| 28 21 31 00-0718 | EA | 500 User, Enterprise License Pack (Pelco VMX300-E-LIC500) | 26,293.93 | |
| 28 21 31 00-0719 | EA | 0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0) | 5,683.43 | |
| 28 21 31 00-0720 | EA | 1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1) | 6,034.05 | |
| 28 21 31 00-0721 | EA | 4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4) | 9,541.18 | |
| 28 21 31 00-0722 | EA | 0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0) | 6,314.91 | |
| 28 21 31 00-0723 | EA | 1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1) | 6,665.54 | |
| 28 21 31 00-0724 | EA | 4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4) | 10,170.85 | |
| 28 21 31 00-0725 | EA | 0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0) | 6,104.72 | |
| 28 21 31 00-0726 | EA | 1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1) | 6,456.25 | |
| 28 21 31 00-0727 | EA | 4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4) | 9,962.47 | |
| 28 21 31 00-0728 | EA | 0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0) | 7,155.68 | |
| 28 21 31 00-0729 | EA | 1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1) | 7,506.30 | |
| 28 21 31 00-0730 | EA | 4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4) | 11,013.43 | |
| **28 21 31 00-0731** | | **Video Recording Equipment** *(28 21 31 00-0001)* | | |
| **28 21 31 00-0732** | | **Digital Video Recorders** *(28 21 31 00-0731)* | | |
| 28 21 31 00-0733 | EA | 8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A) | 9,995.56 | 55.09 |
| 28 21 31 00-0734 | EA | 8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A) | 13,704.72 | 55.09 |
| 28 21 31 00-0735 | EA | 8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A) | 17,414.79 | 55.09 |
| 28 21 31 00-0736 | EA | 16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A) | 12,033.15 | 55.09 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0737 | EA | 16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A) | 15,742.31 | 55.09 |
| 28 21 31 00-0738 | EA | 16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A) | 19,452.38 | 55.09 |
| 28 21 31 00-0739 | EA | 24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A) | 13,153.87 | 55.09 |
| 28 21 31 00-0740 | EA | 24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A) | 16,863.04 | 55.09 |
| 28 21 31 00-0741 | EA | 24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A) | 20,573.11 | 55.09 |
| 28 21 31 00-0742 | EA | 32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A) | 15,191.47 | 55.09 |
| 28 21 31 00-0743 | EA | 32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A) | 18,900.63 | 55.09 |
| 28 21 31 00-0744 | EA | 32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A) | 22,610.70 | 55.09 |
| 28 21 31 00-0745 | EA | 16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500) | 11,033.20 | 55.09 |
| 28 21 31 00-0746 | | **Digital Video Recorder Accessories** *(28 21 31 00-0731)* | | |
| 28 21 31 00-0747 | EA | 16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16) | 979.95 | 27.55 |
| 28 21 31 00-0748 | | **Matrix Systems And Controls** *(28 21 31 00-0001)* | | |
| 28 21 31 00-0749 | | **Video Multiplexers** *(28 21 31 00-0748)* | | |
| 28 21 31 00-0750 | | **Monochrome Duplex, Video Multiplexers** *(28 21 31 00-0749)* | | |
| 28 21 31 00-0751 | EA | 9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD) | 1,844.27 | 55.09 |
| 28 21 31 00-0752 | EA | 16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD) | 1,743.71 | 55.09 |
| 28 21 31 00-0753 | | **Color Duplex, Video Multiplexers** *(28 21 31 00-0749)* | | |
| 28 21 31 00-0754 | EA | 4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD) | 1,249.03 | 55.09 |
| 28 21 31 00-0755 | EA | 9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD) | 2,373.38 | 55.09 |
| 28 21 31 00-0756 | EA | 16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD) | 2,571.79 | 55.09 |
| 28 21 31 00-0757 | | **Color Simplex, Video Multiplexers** *(28 21 31 00-0749)* | | |
| 28 21 31 00-0758 | EA | 9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS) | 1,996.48 | 55.09 |
| 28 21 31 00-0759 | EA | 16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS) | 2,329.89 | 55.09 |
| 28 21 31 00-0760 | | **Video Multiplexer Accessories** *(28 21 31 00-0749)* | | |
| 28 21 31 00-0761 | EA | Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000) | 1,107.24 | 37.63 |
| 28 21 31 00-0762 | EA | Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002) | 656.05 | 37.63 |
| 28 21 31 00-0763 | EA | Video Multiplexer Server (Pelco MX4000SVR) | 1,844.27 | 55.09 |
| 28 21 31 00-0764 | | **Quad Video Processor** *(28 21 31 00-0748)* | | |
| 28 21 31 00-0765 | EA | Monochrome, Quad Video Processor (Pelco QD104M) | 572.42 | 27.55 |
| 28 21 31 00-0766 | EA | Color, Quad Video Processor (Pelco QD104C) | 934.82 | 27.55 |
| 28 21 31 00-0767 | | **Switcher** *(28 21 31 00-0748)* | | |
| 28 21 31 00-0768 | | **Terminating Manual Switchers** *(28 21 31 00-0767)* | | |
| 28 21 31 00-0769 | | **Terminating Manual Switchers** *(28 21 31 00-0768)* | | |
| 28 21 31 00-0770 | EA | 4 Inputs, Terminating Manual Switcher (Pelco MS504DT) | 200.82 | 22.03 |
| 28 21 31 00-0771 | EA | 8 Inputs, Terminating Manual Switcher (Pelco MS508DT) | 271.49 | 22.03 |
| 28 21 31 00-0772 | EA | 12 Inputs, Terminating Manual Switcher (Pelco MS512DT) | 329.47 | 22.03 |
| 28 21 31 00-0773 | EA | 18 Inputs, Terminating Manual Switcher (Pelco MS518DT) | 536.94 | 22.03 |
| 28 21 31 00-0774 | | **Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0768)* | | |
| 28 21 31 00-0775 | EA | 4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF) | 258.80 | 22.03 |
| 28 21 31 00-0776 | EA | 8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF) | 453.59 | 22.03 |
| 28 21 31 00-0777 | EA | 18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF) | 789.72 | 22.03 |
| 28 21 31 00-0778 | | **Balanced Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0768)* | | |
| 28 21 31 00-0779 | EA | 4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF) | 344.87 | 22.03 |
| 28 21 31 00-0780 | EA | 8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF) | 629.36 | 22.03 |
| 28 21 31 00-0781 | | **Looping Manual Switchers** *(28 21 31 00-0767)* | | |
| 28 21 31 00-0782 | | **Looping Manual Switchers** *(28 21 31 00-0781)* | | |
| 28 21 31 00-0783 | EA | 4 Inputs, Looping Manual Switcher (Pelco MS504LDT) | 224.37 | 22.03 |
| 28 21 31 00-0784 | EA | 8 Inputs, Looping Manual Switcher (Pelco MS508LDT) | 306.82 | 22.03 |
| 28 21 31 00-0785 | EA | 12 Inputs, Looping Manual Switcher (Pelco MS512LDT) | 390.17 | 22.03 |
| 28 21 31 00-0786 | EA | 18 Inputs, Looping Manual Switcher (Pelco MS518LDT) | 641.13 | 22.03 |
| 28 21 31 00-0787 | | **Audio Follow, Looping Manual Switchers** *(28 21 31 00-0781)* | | |
| 28 21 31 00-0788 | EA | 4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL) | 278.73 | 22.03 |
| 28 21 31 00-0789 | EA | 8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL) | 484.40 | 22.03 |
| 28 21 31 00-0790 | EA | 12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL) | 663.78 | 22.03 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 21 31 00-0791 | | Balanced Audio Follow, Looping Manual Switchers *(28 21 31 00-0781)* | | |
| 28 21 31 00-0792 | EA | 4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL) | 369.33 | 22.03 |
| 28 21 31 00-0793 | EA | 8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL) | 666.50 | 22.03 |
| 28 21 31 00-0794 | EA | 12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL) | 837.74 | 22.03 |
| 28 21 31 00-0795 | | Sequential Switchers *(28 21 31 00-0767)* | | |
| 28 21 31 00-0796 | | Single Output, Sequential Switchers *(28 21 31 00-0795)* | | |
| 28 21 31 00-0797 | EA | 4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104) | 391.08 | 22.03 |
| 28 21 31 00-0798 | EA | 8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108) | 581.34 | 22.03 |
| 28 21 31 00-0799 | | Dual Outputs, Sequential Switchers *(28 21 31 00-0795)* | | |
| 28 21 31 00-0800 | EA | 4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204) | 488.02 | 22.03 |
| 28 21 31 00-0801 | EA | 8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208) | 674.66 | 22.03 |
| 28 21 31 00-0802 | | Controls *(28 21 31 00-0748)* | | |
| 28 21 31 00-0803 | | Direct/Multi-Cable Controls *(28 21 31 00-0802)* | | |
| 28 21 31 00-0804 | EA | Scanner Control Module (Pelco MPS524DT) | 342.13 | 55.09 |
| 28 21 31 00-0805 | EA | 120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT) | 364.78 | 55.09 |
| 28 21 31 00-0806 | EA | 24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT) | 403.73 | 55.09 |
| 28 21 31 00-0807 | EA | Motorized Zoom Lens Control Module (Pelco MLZ6DT) | 421.85 | 55.09 |
| 28 21 31 00-0808 | EA | 120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT) | 661.04 | 55.09 |
| 28 21 31 00-0809 | EA | 24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT) | 727.18 | 55.09 |
| 28 21 31 00-0810 | | Coaxitron Controls *(28 21 31 00-0802)* | | |
| 28 21 31 00-0811 | EA | Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000) | 487.53 | 37.63 |
| 28 21 31 00-0812 | EA | 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000) | 914.26 | 37.63 |
| 28 21 31 00-0813 | EA | Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008) | 1,036.57 | 37.63 |
| 28 21 31 00-0814 | | Digital Controls *(28 21 31 00-0802)* | | |
| 28 21 31 00-0815 | EA | Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A) | 651.52 | 37.63 |
| 28 21 31 00-0816 | EA | Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A) | 1,098.18 | 37.63 |
| 28 21 31 00-0817 | | Lock Boxes *(28 21 31 00-0748)* | | |
| 28 21 31 00-0818 | EA | VCR Lock Box (Pelco LB1000) | 398.83 | 41.32 |
| | | *For Wall Mount, Add* | *165.00* | |
| 28 21 31 00-0819 | EA | Computer Disk Drive Lock Box (Pelco LB2000) | 407.89 | 41.32 |
| 28 21 31 00-0820 | EA | VCR And Multiplexer Lock Box (Pelco LB3000)<br>Note: Includes storage for 32 VCR tapes. | 743.11 | 41.32 |
| 28 21 31 00-0821 | | Test And Certification Of Surveillance Camera System *(28 21 31)* | | |
| 28 21 31 00-0822 | DAY | Test And Certification Of Surveillance Camera System To Tie Into Existing Systems | 873.80 | |
| 28 21 31 00-0823 | HR | Test And Certification Of Surveillance Camera System | 273.06 | |
| 28 21 31 00-0824 | | Programming Of Surveillance Camera System *(28 21 31)* | | |
| 28 21 31 00-0825 | HR | Programming Of Surveillance Camera System | 327.67 | |
| 28 21 31 00-0826 | | Removal And Reinstallation Of Cameras *(28 21 31)*<br>Note: Includes storage, cleaning and supply materials. | | |
| 28 21 31 00-0827 | EA | Removal And Reinstallation Of Camera System | 495.86 | |

## 28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

## 28 42 Gas Detection and Alarm *(28 40)*

### 28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems *(28 42)*

| | | | | |
|---|---|---|---|---|
| 28 42 11 00-0001 | | Monitoring System For Underground Tanks *(28 42 11)* | | |
| 28 42 11 00-0002 | | Continuous Leak Detection System *(28 42 11 00-0001)*<br>Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable. | | |
| 28 42 11 00-0003 | EA | Single Channel Underground Tank Monitoring System | 6,838.84 | 450.97 |
| 28 42 11 00-0004 | EA | 2 Channel Underground Tank Monitoring System | 9,225.23 | 601.67 |
| 28 42 11 00-0005 | EA | 3 Channel Underground Tank Monitoring System | 12,995.85 | 644.56 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 42 11 00-0006 | EA | 4 Channel Underground Tank Monitoring System | 13,998.01 | 901.94 |
| 28 42 11 00-0007 | EA | Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System | 9,682.63 | 77.00 |
| 28 42 11 00-0008 | EA | Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System | 8,731.58 | 68.75 |
| 28 42 11 00-0009 | EA | Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System | 11,478.06 | 77.00 |
| 28 42 11 00-0010 | EA | Tank Leak Detection Probe | 3,550.97 | 16.50 |
| 28 42 11 00-0011 | EA | Secondary Containment Collar Probe | 434.74 | 6.60 |
| 28 42 11 00-0012 | EA | Interstitial Leak Detection Probe | 797.30 | 13.75 |
| 28 42 11 00-0013 | EA | Liquid Phase Detection | 2,630.07 | 41.25 |
| 28 42 11 00-0014 | EA | Hydrocarbon Vapor, Fixed | 2,428.54 | 41.25 |
| 28 42 11 00-0015 | EA | Hydrocarbon Vapor, Float Mounted | 2,836.80 | 46.74 |
| 28 42 11 00-0016 | EA | Liquid And Vapor Hydrocarbon | 3,239.86 | 46.74 |

### 28 42 15 Gas Detection Sensors *(28 42)*

#### 28 42 15 00-0001 Hydrogen Gas Detection *(28 42 15)*

| | | | | |
|---|---|---|---|---|
| 28 42 15 00-0002 | EA | Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR) | 1,757.36 | 41.32 |
| 28 42 15 00-0003 | EA | Hydrogen Gas Detector Junction Box (SBS HGDI-JB) | 93.04 | 41.32 |
| 28 42 15 00-0004 | EA | Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM) | 447.52 | 41.32 |

## 28 43 Fuel Oil Detection and Alarm *(28 40)*

See CSI section 28 42 00 00-0000 for detection and alarms.

## 28 46 Fire Detection and Alarm *(28 40)*

### 28 46 13 Fire-Alarm Systems *(28 46)*

#### 28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems *(28 46 13)*

Note: Includes programming of equipment, testing and certification of new devices.

#### 28 46 13 31-0001 Edwards Fire Alarm *(28 46 13 31)*

#### 28 46 13 31-0002 EST3 Life Safety And Security Control *(28 46 13 31-0001)*

#### 28 46 13 31-0003 EST3 Network *(28 46 13 31-0002)*

#### 28 46 13 31-0004 Remote Annunciators *(28 46 13 31-0003)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-0005 | EA | Remote LCD Command Module Annunciator (EST3 3-LCDANN)<br>Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately. | 1,420.63 | 82.64 |
| 28 46 13 31-0006 | EA | Six Position Base Annunciator (EST3 3-6ANN)<br>Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module. | 1,158.02 | 82.64 |
| 28 46 13 31-0007 | EA | Ten Position Base Annunciator (EST3 3-10ANN)<br>Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module. | 1,464.24 | 82.64 |
| 28 46 13 31-0008 | EA | Annunciator CPU (EST3 3-ANNCPU3)<br>Note: One Required per graphic annunciator. | 933.87 | 82.64 |
| 28 46 13 31-0009 | EA | Annunciator Support Module (EST3 3-ANNSM)<br>Note: Takes one space in Annunciator box. Supports one Control/Display module. | 172.04 | 27.55 |
| 28 46 13 31-0010 | EA | Liquid Crystal Display Module (EST3 3-LCD)<br>Note: Mounts over 3-CPU(1). | 600.95 | 82.64 |
| 28 46 13 31-0011 | EA | Liquid Crystal Display Module (EST3 3-LCDXL)<br>Note: Mounts over 3-ANNCPU plus two spaces. | 743.25 | 82.64 |
| 28 46 13 31-0012 | EA | LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA)<br>Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX. | 677.71 | 82.64 |
| 28 46 13 31-0013 | EA | Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA)<br>Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics. | 789.12 | 55.09 |
| 28 46 13 31-0014 | EA | Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX)<br>Note: Mounts up to three 3-EVDVRA modules. | 119.91 | 27.55 |
| 28 46 13 31-0015 | EA | Central Processor Unit Module (EST3 3-CPU3)<br>Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately. | 1,682.12 | 82.64 |
| 28 46 13 31-0016 | EA | 120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3)<br>Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately. | 1,485.06 | 27.55 |

#### 28 46 13 31-0017 Remote Annunciators Cabinets *(28 46 13 31-0003)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-0018 | EA | Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B) | 129.24 | 27.55 |
| 28 46 13 31-0019 | EA | Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S) | 118.23 | 22.03 |
| 28 46 13 31-0020 | EA | Six Position LED/LCD Flush Wallbox (EST3 6ANN/B) | 145.69 | 27.55 |
| 28 46 13 31-0021 | EA | Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S) | 134.68 | 22.03 |
| 28 46 13 31-0022 | EA | Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B) | 161.13 | 27.55 |
| 28 46 13 31-0023 | EA | Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S) | 150.12 | 22.03 |

#### 28 46 13 31-0024 Audio And Telephone Masters *(28 46 13 31-0003)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-0025 | EA | Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT) | 4,626.83 | 110.19 |
| 28 46 13 31-0026 | EA | Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4) | 2,577.38 | 110.19 |
| 28 46 13 31-0027 | EA | Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU) | 2,116.75 | 110.19 |
| 28 46 13 31-0028 | EA | Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU) | 2,436.46 | 110.19 |
| 28 46 13 31-0029 | EA | Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100) | 2,782.26 | 110.19 |
| 28 46 13 31-0030 | EA | Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95) | 2,105.40 | 55.09 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-0031** | | **Battery Distribution Unit** *(28 46 13 31-0003)* | | |
| 28 46 13 31-0032 | EA | Battery Distribution Unit (EST3 3-BTSEN) | 512.45 | 402.26 |
| **28 46 13 31-0033** | | **Remote Booster Power Supply** *(28 46 13 31-0003)* | | |
| 28 46 13 31-0034 | EA | 6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A) | 805.83 | 82.64 |
| 28 46 13 31-0035 | EA | 10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10) | 919.80 | 82.64 |
| 28 46 13 31-0036 | EA | 10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220) | 1,003.78 | 82.64 |
| 28 46 13 31-0037 | EA | Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP) | 132.00 | 27.55 |
| **28 46 13 31-0038** | | **Batteries And Battery Cabinets** *(28 46 13 31-0003)* | | |
| 28 46 13 31-0039 | EA | 1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours)) | 100.70 | 27.55 |
| 28 46 13 31-0040 | EA | 4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours)) | 125.45 | 27.55 |
| 28 46 13 31-0041 | EA | 24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours)) | 296.28 | 27.55 |
| 28 46 13 31-0042 | EA | 6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours)) | 135.37 | 27.55 |
| 28 46 13 31-0043 | EA | 40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours)) | 375.57 | 27.55 |
| 28 46 13 31-0044 | EA | 10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours)) | 211.42 | 27.55 |
| 28 46 13 31-0045 | EA | 50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours)) | 761.93 | 27.55 |
| 28 46 13 31-0046 | EA | 17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours)) | 216.53 | 27.55 |
| 28 46 13 31-0047 | EA | 65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours)) | 917.27 | 27.55 |
| 28 46 13 31-0048 | EA | 8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours)) | 120.63 | 27.55 |
| 28 46 13 31-0049 | EA | 10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours)) | 108.26 | 27.55 |
| 28 46 13 31-0050 | EA | 14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1)<br>Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries. | 386.42 | 55.09 |
| 28 46 13 31-0051 | EA | 22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2)<br>Note: Holds up to two 12V17A batteries. | 319.73 | 55.09 |
| 28 46 13 31-0052 | EA | Remote Closet Enclosure (EST3 3-RCC7R) | 1,091.52 | 110.19 |
| 28 46 13 31-0053 | EA | Remote Closet Enclosure (EST3 3-RCC14R) | 1,354.05 | 110.19 |
| 28 46 13 31-0054 | EA | Remote Closet Enclosure (EST3 3-RCC21R) | 1,898.44 | 110.19 |
| **28 46 13 31-0055** | | **Serial Printer** *(28 46 13 31-0003)* | | |
| 28 46 13 31-0056 | EA | System Printer - Desk Top Style (EST3 PT-1S) | 1,100.92 | 27.55 |
| **28 46 13 31-0057** | | **Intelligent Analog Initiating Devices** *(28 46 13 31-0002)* | | |
| **28 46 13 31-0058** | | **Detectors, Signature** *(28 46 13 31-0057)* | | |
| 28 46 13 31-0059 | EA | Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS) | 231.98 | 41.32 |
| 28 46 13 31-0060 | EA | Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB) | 260.80 | 41.32 |
| 28 46 13 31-0061 | EA | Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS) | 223.39 | 41.32 |
| 28 46 13 31-0062 | EA | Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS) | 197.63 | 41.32 |
| 28 46 13 31-0063 | EA | Intelligent Ionization Smoke Detector (EST3 SIGA-IS) | 206.22 | 41.32 |
| 28 46 13 31-0064 | EA | 135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS) | 168.91 | 41.32 |
| 28 46 13 31-0065 | EA | 135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS) | 168.91 | 41.32 |
| 28 46 13 31-0066 | EA | Passive Infrared Motion Detector (EST3 SIGA-MD) | 268.47 | 41.32 |
| 28 46 13 31-0067 | EA | Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS) | 296.60 | 41.32 |
| 28 46 13 31-0068 | EA | Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS) | 250.21 | 41.32 |
| 28 46 13 31-0069 | EA | Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS) | 361.98 | 41.32 |
| 28 46 13 31-0070 | EA | 135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS) | 208.50 | 41.32 |
| 28 46 13 31-0071 | EA | 135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS) | 208.50 | 41.32 |
| 28 46 13 31-0072 | EA | Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS) | 287.77 | 41.32 |
| **28 46 13 31-0073** | | **Detectors, Duct Housings and Accessories, Signature** *(28 46 13 31-0057)* | | |
| 28 46 13 31-0074 | EA | Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD) | 469.53 | 68.87 |
| 28 46 13 31-0075 | EA | Superduct, Test Magnet Kit (EST3 SD-MAG) | 20.27 | |
| 28 46 13 31-0076 | EA | Superduct, 120" Air Sample Tube (EST3 SD-T120) | 61.64 | 16.53 |
| 28 46 13 31-0077 | EA | Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK) | 122.58 | 22.03 |
| 28 46 13 31-0078 | EA | Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS) | 166.17 | 22.03 |
| 28 46 13 31-0079 | EA | High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL) | 72.88 | 22.03 |
| **28 46 13 31-0080** | | **Detectors, Smoke, Beam** *(28 46 13 31-0057)* | | |
| 28 46 13 31-0081 | EA | Beam Alignment Aid, For Quick Alignment Of Beam Detector Transmitter And Receiver Heads (EST3 0201-01-A) | 163.86 | |
| 28 46 13 31-0082 | EA | Beam Smoke Detector (By Fire Fighting Enterprises) (EST3 22310-18-01)<br>Note: Includes controller and remote mount transmitter and receiver head. | 1,930.17 | 41.32 |
| 28 46 13 31-0083 | EA | Beam Detector Prism, Use To Reflect Beam When Mounting Transmitter And Receiver Heads On Same Wall (EST3 23901-00) | 116.01 | 13.78 |
| 28 46 13 31-0084 | EA | Reflector, For EC-50R/-100R Reflective Beam Detectors (EST3 23901-01) | 138.06 | 13.78 |
| 28 46 13 31-0085 | EA | 160 - 330' Reflective Beam Detector (EST3 EC-100R) | 1,997.68 | 41.32 |
| 28 46 13 31-0086 | EA | 15 - 160' Reflective Beam Detector (EST3 EC-50R) | 1,703.05 | 41.32 |
| 28 46 13 31-0087 | EA | Remote Test Station, For EC-50R/-100R Reflective Beam Detectors (EST3 EC-LLT) | 395.91 | 13.78 |
| 28 46 13 31-0088 | EA | 160 - 330' Self Adjusting Reflective Beam Detector (EST3 EC-5000R) | 2,106.34 | 41.32 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-0089** | | **Modules, Signature** *(28 46 13 31-0057)* | | |
| 28 46 13 31-0090 | EA | Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB) | 218.76 | 27.55 |
| 28 46 13 31-0091 | EA | Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1) | 118.75 | 27.55 |
| 28 46 13 31-0092 | EA | Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2) | 163.14 | 27.55 |
| 28 46 13 31-0093 | EA | Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2) | 195.78 | 27.55 |
| 28 46 13 31-0094 | EA | Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1) | 179.90 | 27.55 |
| 28 46 13 31-0095 | EA | Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2) | 189.11 | 27.55 |
| 28 46 13 31-0096 | EA | Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR)<br>Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC). | 142.20 | 27.55 |
| 28 46 13 31-0097 | EA | Control Relay UIO (Plug In) Module (EST3 SIGA-MCR) | 170.08 | 27.55 |
| 28 46 13 31-0098 | EA | Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S) | 227.49 | 27.55 |
| 28 46 13 31-0099 | EA | Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO) | 221.72 | 27.55 |
| 28 46 13 31-0100 | EA | Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO) | 213.13 | 27.55 |
| 28 46 13 31-0101 | EA | Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM) | 195.33 | 167.79 |
| 28 46 13 31-0102 | EA | Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1)<br>Note: Factory programmed for non-latching monitor operation. | 142.71 | 27.55 |
| 28 46 13 31-0103 | EA | Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S) | 228.60 | 27.55 |
| **28 46 13 31-0104** | | **Module Accessories, Signature** *(28 46 13 31-0057)*<br>Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules. | | |
| 28 46 13 31-0105 | EA | Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4) | 56.40 | 13.78 |
| 28 46 13 31-0106 | EA | Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6) | 193.00 | 27.55 |
| 28 46 13 31-0107 | EA | Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P) | 20.82 | 8.26 |
| 28 46 13 31-0108 | EA | Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1) | 66.33 | 13.78 |
| 28 46 13 31-0109 | EA | Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2) | 59.20 | 13.78 |
| 28 46 13 31-0110 | EA | Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L) | 62.02 | 13.78 |
| **28 46 13 31-0111** | | **Single Action Pull Stations, Signature** *(28 46 13 31-0057)* | | |
| 28 46 13 31-0112 | EA | One Stage Fire Alarm Station, English Markings (EST3 SIGA-270) | 239.51 | 57.30 |
| 28 46 13 31-0113 | EA | Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P) | 282.59 | 57.30 |
| 28 46 13 31-0114 | EA | GA Key - For Pre Signal Station (EST3 276-K2) | 32.89 | 27.38 |
| 28 46 13 31-0115 | EA | 20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR) | 41.19 | 35.68 |
| 28 46 13 31-0116 | EA | Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB) | 62.68 | 40.63 |
| **28 46 13 31-0117** | | **Double Action Pull Stations, Signature** *(28 46 13 31-0057)* | | |
| 28 46 13 31-0118 | EA | Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278) | 209.87 | 57.30 |
| 28 46 13 31-0119 | EA | 12 Glass Rods For SIGA-278 Series (EST3 276-GLR) | 41.81 | 5.51 |
| **28 46 13 31-0120** | | **Detector Bases and Accessories, Signature** *(28 46 13 31-0057)*<br>Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases. | | |
| 28 46 13 31-0121 | EA | Audible (Sounder) Base (EST3 SIGA-AB4G) | 120.12 | 13.78 |
| 28 46 13 31-0122 | EA | Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB) | 44.87 | 13.78 |
| 28 46 13 31-0123 | EA | Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4) | 150.00 | 13.78 |
| 28 46 13 31-0124 | EA | Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG) | 85.10 | 13.78 |
| 28 46 13 31-0125 | EA | Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB) | 99.45 | 13.78 |
| 28 46 13 31-0126 | EA | Detector Mounting Plate (EST3 SIGA-DMP)<br>Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute. | 156.87 | 13.78 |
| 28 46 13 31-0127 | EA | Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED) | 56.40 | 13.78 |
| 28 46 13 31-0128 | EA | Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS) | 20.95 | 8.26 |
| 28 46 13 31-0129 | EA | Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4) | 20.95 | 8.26 |
| 28 46 13 31-0130 | EA | Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF) | 59.73 | 8.26 |
| 28 46 13 31-0131 | EA | Detector Base With Isolator (EST3 SIGA-IB) | 98.00 | 13.78 |
| 28 46 13 31-0132 | EA | Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4) | 104.15 | 13.78 |
| 28 46 13 31-0133 | EA | Detector Base With Form 'C' Relay (EST3 SIGA-RB) | 71.11 | 13.78 |
| 28 46 13 31-0134 | EA | Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4) | 87.26 | 13.78 |
| 28 46 13 31-0135 | EA | Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4) | 41.79 | 13.78 |
| **28 46 13 31-0136** | | **Controllers, Signature** *(28 46 13 31-0057)* | | |
| 28 46 13 31-0137 | EA | Signature Dual Driver Controller (EST3 3-SDDC1) | 3,321.33 | 82.64 |
| 28 46 13 31-0138 | EA | Single Signature Loop Controller (EST3 3-SSDC1) | 1,904.50 | 82.64 |
| 28 46 13 31-0139 | EA | Signature Loop Controller (EST3 3-SDC1) | 1,711.11 | 82.64 |
| 28 46 13 31-0140 | EA | Analog Addressable Loop Controller (EST3 3-AADC1) | 2,741.66 | 82.64 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-0141** | | **Relays And Accessories** *(28 46 13 31-0057)* | | |
| 28 46 13 31-0142 | EA | Multi Voltage Relay (EST3 MR101) | 176.74 | 27.55 |
| 28 46 13 31-0143 | EA | Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T) | 52.76 | 13.78 |
| **28 46 13 31-0144** | | **Notification Appliances** *(28 46 13 31-0002)* | | |
| **28 46 13 31-0145** | | **Wall Strobes, Horns And Chimes** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0146 | EA | Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM) | 144.03 | 41.32 |
| 28 46 13 31-0147 | EA | Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM) | 144.03 | 41.32 |
| 28 46 13 31-0148 | EA | Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM) | 164.02 | 41.32 |
| 28 46 13 31-0149 | EA | Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD) | 121.50 | 41.32 |
| 28 46 13 31-0150 | EA | Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD) | 121.50 | 41.32 |
| 28 46 13 31-0151 | EA | Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD) | 121.50 | 41.32 |
| 28 46 13 31-0152 | EA | Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD) | 121.50 | 41.32 |
| 28 46 13 31-0153 | EA | Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P) | 102.57 | 41.32 |
| 28 46 13 31-0154 | EA | Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P) | 102.57 | 41.32 |
| 28 46 13 31-0155 | EA | Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P) | 102.57 | 41.32 |
| 28 46 13 31-0156 | EA | Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM) | 245.63 | 41.32 |
| 28 46 13 31-0157 | EA | Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM) | 245.63 | 41.32 |
| 28 46 13 31-0158 | EA | Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C) | 161.59 | 41.32 |
| 28 46 13 31-0159 | EA | Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C) | 161.59 | 41.32 |
| 28 46 13 31-0160 | EA | Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575) | 144.03 | 41.32 |
| 28 46 13 31-0161 | EA | Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM) | 144.03 | 41.32 |
| 28 46 13 31-0162 | EA | Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM) | 144.03 | 41.32 |
| 28 46 13 31-0163 | EA | Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575) | 144.03 | 41.32 |
| 28 46 13 31-0164 | EA | Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM) | 149.65 | 41.32 |
| 28 46 13 31-0165 | EA | Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM) | 149.65 | 41.32 |
| 28 46 13 31-0166 | EA | Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH) | 162.80 | 41.32 |
| 28 46 13 31-0167 | EA | Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM) | 149.65 | 41.32 |
| 28 46 13 31-0168 | EA | Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH) | 149.65 | 41.32 |
| 28 46 13 31-0169 | EA | Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE) | 90.27 | 41.32 |
| 28 46 13 31-0170 | EA | Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE) | 90.27 | 41.32 |
| **28 46 13 31-0171** | | **Wall Speakers And Speaker Strobes** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0172 | EA | Multi-Wattage 25 VRMS Speaker (EST3 G4-S2) | 119.81 | 41.32 |
| 28 46 13 31-0173 | EA | Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM) | 183.22 | 41.32 |
| 28 46 13 31-0174 | EA | Multi-Wattage 70 VRMS Speaker (EST3 G4-S7) | 119.81 | 41.32 |
| 28 46 13 31-0175 | EA | Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM) | 183.22 | 41.32 |
| 28 46 13 31-0176 | EA | Surface Box, White, For Genesis Speaker (EST3 G4B) | 59.53 | 22.03 |
| 28 46 13 31-0177 | EA | Surface Box, Red, For Genesis Speaker (EST3 G4RB) | 59.53 | 22.03 |
| **28 46 13 31-0178** | | **Ceiling Speakers And Speaker Strobes** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0179 | EA | Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7) | 142.80 | 41.32 |
| 28 46 13 31-0180 | EA | Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM) | 183.22 | 41.32 |
| 28 46 13 31-0181 | EA | Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH) | 196.02 | 41.32 |
| **28 46 13 31-0182** | | **Harsh Environment Signals** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0183 | EA | Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T) | 127.06 | 41.32 |
| 28 46 13 31-0184 | EA | 15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T) | 177.54 | 41.32 |
| 28 46 13 31-0185 | EA | 110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T) | 177.54 | 41.32 |
| 28 46 13 31-0186 | EA | 15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T) | 162.53 | 41.32 |
| 28 46 13 31-0187 | EA | 15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T) | 152.56 | 41.32 |
| 28 46 13 31-0188 | EA | 30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T) | 162.53 | 41.32 |
| 28 46 13 31-0189 | EA | 60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T) | 162.53 | 41.32 |
| 28 46 13 31-0190 | EA | 110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T) | 162.53 | 41.32 |
| 28 46 13 31-0191 | EA | 15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T) | 179.76 | 46.83 |
| 28 46 13 31-0192 | EA | 110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T) | 179.76 | 46.83 |
| 28 46 13 31-0193 | EA | 15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T) | 133.20 | 41.32 |
| 28 46 13 31-0194 | EA | 30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T) | 172.83 | 41.32 |
| **28 46 13 31-0195** | | **Fire Alarm Bells** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0196 | EA | 10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW) | 191.54 | 41.32 |
| 28 46 13 31-0197 | EA | 6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW) | 153.84 | 41.32 |
| 28 46 13 31-0198 | EA | 10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW) | 169.93 | 41.32 |
| **28 46 13 31-0199** | | **Multiple Tone Signal** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0200 | EA | 27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW) | 1,213.75 | 1,172.43 |
| **28 46 13 31-0201** | | **Multi-Purpose Loudspeaker** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0202 | EA | 15 Watt Loudspeaker, Gray (EST3 HPSA15G2570) | 251.66 | 41.32 |
| 28 46 13 31-0203 | EA | 15 Watt Loudspeaker, Red (EST3 HPSA15R2570) | 251.66 | 41.32 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-0204** | | **Bell/Strobe Plate** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0205 | EA | Bell/Strobe Plate - 15cd (EST3 403-5A-R) | 127.39 | 22.03 |
| **28 46 13 31-0206** | | **Mounting Accessories** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0207 | EA | Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11) | 60.70 | 22.03 |
| 28 46 13 31-0208 | EA | One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY) | 60.70 | 22.03 |
| 28 46 13 31-0209 | EA | Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16) | 60.70 | 22.03 |
| 28 46 13 31-0210 | EA | Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21) | 60.70 | 22.03 |
| 28 46 13 31-0211 | EA | Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26) | 60.70 | 22.03 |
| **28 46 13 31-0212** | | **Firefighters' Telephones** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0213 | EA | Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4) | 1,089.18 | 68.87 |
| 28 46 13 31-0214 | EA | Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4) | 613.47 | 68.87 |
| 28 46 13 31-0215 | EA | Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F) | 442.16 | 68.87 |
| 28 46 13 31-0216 | EA | Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1) | 322.73 | 68.87 |
| 28 46 13 31-0217 | EA | Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4) | 592.15 | 68.87 |
| 28 46 13 31-0218 | EA | Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A) | 365.35 | 68.87 |
| 28 46 13 31-0219 | EA | Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4) | 667.64 | 68.87 |
| 28 46 13 31-0220 | EA | Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A) | 379.56 | 68.87 |
| 28 46 13 31-0221 | EA | Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4) | 764.32 | 68.87 |
| 28 46 13 31-0222 | EA | Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1) | 83.94 | 22.03 |
| 28 46 13 31-0223 | EA | Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4) | 96.31 | 22.03 |
| 28 46 13 31-0224 | EA | Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3) | 134.05 | |
| 28 46 13 31-0225 | EA | Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061) | 134.05 | |
| 28 46 13 31-0226 | EA | Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1) | 203.51 | 27.55 |
| 28 46 13 31-0227 | EA | Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2) | 252.73 | 27.55 |
| 28 46 13 31-0228 | EA | Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3) | 178.89 | 27.55 |
| 28 46 13 31-0229 | EA | Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4) | 171.66 | 27.55 |
| 28 46 13 31-0230 | EA | Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1) | 127.61 | 41.32 |
| 28 46 13 31-0231 | EA | Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6) | 1,123.77 | 55.09 |
| **28 46 13 31-0232** | | **Mass Notification EC Appliances** *(28 46 13 31-0144)* | | |
| 28 46 13 31-0233 | EA | G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA) | 149.69 | 41.32 |
| 28 46 13 31-0234 | EA | G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC) | 144.58 | 41.32 |
| 28 46 13 31-0235 | EA | G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA) | 149.69 | 41.32 |
| 28 46 13 31-0236 | EA | G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC) | 144.58 | 41.32 |
| 28 46 13 31-0237 | EA | G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT) | 22.64 | 8.26 |
| **28 46 13 31-0238** | | **Hazardous Location Devices** *(28 46 13 31-0002)* | | |
| **28 46 13 31-0239** | | **Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location** *(28 46 13 31-0238)* | | |
| 28 46 13 31-0240 | EA | Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135) | 124.53 | 41.32 |
| 28 46 13 31-0241 | EA | Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194) | 124.53 | 41.32 |
| 28 46 13 31-0242 | EA | Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135) | 129.04 | 41.32 |
| 28 46 13 31-0243 | EA | Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194) | 129.04 | 41.32 |
| 28 46 13 31-0244 | EA | Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135) | 170.76 | 41.32 |
| 28 46 13 31-0245 | EA | Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194) | 170.76 | 41.32 |
| 28 46 13 31-0246 | EA | Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135) | 129.04 | 41.32 |
| 28 46 13 31-0247 | EA | Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194) | 129.04 | 41.32 |
| **28 46 13 31-0248** | | **Hazardous Locations Fire Alarm Station** *(28 46 13 31-0238)* | | |
| 28 46 13 31-0249 | EA | Hazardous Location Fire Alarm Station (EST3 XAL53) | 1,153.68 | 68.87 |
| 28 46 13 31-0250 | EA | Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE) | 1,098.48 | 68.87 |
| **28 46 13 31-0251** | | **Hazardous Location Strobes** *(28 46 13 31-0238)* | | |
| 28 46 13 31-0252 | EA | Explosion Proof Strobe (EST3 116DEXSTC-FJ) | 1,711.44 | 41.32 |
| 28 46 13 31-0253 | EA | Wall Bracket Mounting Elbow (EST3 116EX-B) | 319.74 | 13.78 |
| 28 46 13 31-0254 | EA | Ceiling / Wall Mounting Module (EST3 116EX-C) | 418.23 | 16.53 |
| 28 46 13 31-0255 | EA | Pendant Mounting Module (EST3 116EX-P) | 307.14 | 16.53 |
| **28 46 13 31-0256** | | **Hazardous Location Bells** *(28 46 13 31-0238)* | | |
| 28 46 13 31-0257 | EA | 6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW) | 1,235.63 | 41.32 |
| 28 46 13 31-0258 | EA | 8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW) | 1,267.58 | 41.32 |
| 28 46 13 31-0259 | EA | 10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW) | 1,279.09 | 41.32 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-0260** | | **Hazardous Location Horns** *(28 46 13 31-0238)* | | |
| 28 46 13 31-0261 | EA | Hazardous Location Horns (EST3 888D-N5) | 1,208.09 | 41.32 |
| 28 46 13 31-0262 | EA | Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW) | 986.98 | 41.32 |
| **28 46 13 31-0263** | | **Door Holders And Relays** *(28 46 13 31-0002)* | | |
| **28 46 13 31-0264** | | **Electromagnetic Door Holders** *(28 46 13 31-0263)* | | |
| 28 46 13 31-0265 | EA | 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5) | 217.87 | 41.32 |
| 28 46 13 31-0266 | EA | 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5) | 282.00 | 41.32 |
| 28 46 13 31-0267 | EA | 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5) | 185.12 | 41.32 |
| 28 46 13 31-0268 | EA | 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5) | 185.12 | 41.32 |
| 28 46 13 31-0269 | EA | 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5) | 188.08 | 41.32 |
| 28 46 13 31-0270 | EA | 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5) | 190.91 | 41.32 |
| **28 46 13 31-0271** | | **Control Relays, Multi-Voltage** *(28 46 13 31-0263)* | | |
| 28 46 13 31-0272 | EA | Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1) | 44.05 | 8.26 |
| **28 46 13 31-0273** | | **FireShield Plus** *(28 46 13 31-0002)* | | |
| **28 46 13 31-0274** | | **3 Zone System** *(28 46 13 31-0273)* | | |
| 28 46 13 31-0275 | EA | Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R) | 1,185.00 | 330.57 |
| 28 46 13 31-0276 | EA | Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD) | 1,724.80 | 440.76 |
| 28 46 13 31-0277 | EA | Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G) | 1,185.00 | 330.57 |
| 28 46 13 31-0278 | EA | Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD) | 1,724.80 | 440.76 |
| 28 46 13 31-0279 | EA | Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G) | 82.81 | 13.78 |
| 28 46 13 31-0280 | EA | Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R) | 82.81 | 13.78 |
| **28 46 13 31-0281** | | **5 Zone System** *(28 46 13 31-0273)* | | |
| 28 46 13 31-0282 | EA | Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R) | 1,274.44 | 330.57 |
| 28 46 13 31-0283 | EA | Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD) | 1,809.13 | 440.76 |
| 28 46 13 31-0284 | EA | Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G) | 1,274.44 | 330.57 |
| 28 46 13 31-0285 | EA | Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD) | 1,809.13 | 440.76 |
| 28 46 13 31-0286 | EA | Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G) | 82.81 | 13.78 |
| 28 46 13 31-0287 | EA | Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R) | 82.81 | 13.78 |
| **28 46 13 31-0288** | | **10 Zone System** *(28 46 13 31-0273)* | | |
| 28 46 13 31-0289 | EA | Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R) | 1,839.80 | 440.76 |
| 28 46 13 31-0290 | EA | Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD) | 2,379.60 | 550.95 |
| 28 46 13 31-0291 | EA | Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G) | 1,801.47 | 440.76 |
| 28 46 13 31-0292 | EA | Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD) | 2,379.60 | 550.95 |
| 28 46 13 31-0293 | EA | Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G) | 96.65 | 13.78 |
| 28 46 13 31-0294 | EA | NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120) | 176.77 | 27.55 |
| **28 46 13 31-0295** | | **FireShield Plus Off Premise Communication Options** *(28 46 13 31-0273)* | | |
| 28 46 13 31-0296 | EA | F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT) | 387.29 | 27.55 |
| **28 46 13 31-0297** | | **FireShield Plus Remote LED Annunciators** *(28 46 13 31-0273)* | | |
| 28 46 13 31-0298 | EA | Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI) | 165.56 | 41.32 |
| 28 46 13 31-0299 | EA | Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A) | 165.56 | 41.32 |
| 28 46 13 31-0300 | EA | Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA) | 172.08 | 41.32 |
| 28 46 13 31-0301 | EA | Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2) | 33.15 | 8.26 |
| 28 46 13 31-0302 | EA | Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3) | 41.49 | 8.26 |
| 28 46 13 31-0303 | EA | Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4) | 61.53 | 8.26 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-0304** | | **FireShield Plus Remote 10 Zone LED Annunciators** *(28 46 13 31-0273)* | | |
| 28 46 13 31-0305 | EA | Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10) | 517.05 | 41.32 |
| 28 46 13 31-0306 | EA | Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C) | 568.16 | 41.32 |
| 28 46 13 31-0307 | EA | Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1) | 182.86 | 27.55 |
| **28 46 13 31-0308** | | **FireShield Plus Remote Relays And Interfaces** *(28 46 13 31-0273)* | | |
| 28 46 13 31-0309 | EA | Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24) | 193.28 | 27.55 |
| 28 46 13 31-0310 | EA | 11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11) | 80.14 | 16.53 |
| 28 46 13 31-0311 | EA | Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM) | 308.07 | 27.55 |
| **28 46 13 31-0312** | | **FireShield Plus Accessories** *(28 46 13 31-0273)* | | |
| 28 46 13 31-0313 | EA | Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1) | 18.03 | |
| 28 46 13 31-0314 | EA | 4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7) | 11.04 | |
| **28 46 13 31-0315** | | **iO Series Fire Control Panels** *(28 46 13 31-0002)* | | |
| **28 46 13 31-0316** | | **Intelligent Analog Control Panels** *(28 46 13 31-0315)* | | |
| 28 46 13 31-0317 | EA | FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G) | 3,553.06 | 550.95 |
| 28 46 13 31-0318 | EA | FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD) | 3,800.93 | 550.95 |
| 28 46 13 31-0319 | EA | FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G) | 2,836.32 | 440.76 |
| 28 46 13 31-0320 | EA | FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD) | 2,951.31 | 440.76 |
| **28 46 13 31-0321** | | **Option Modules And Accessories For iO Series** *(28 46 13 31-0315)* | | |
| 28 46 13 31-0322 | EA | 16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1) | 338.18 | 41.32 |
| 28 46 13 31-0323 | EA | 16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2) | 210.41 | 41.32 |
| 28 46 13 31-0324 | EA | Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232) | 210.41 | 41.32 |
| 28 46 13 31-0325 | EA | Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA) | 182.86 | 27.55 |
| 28 46 13 31-0326 | EA | Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT) | 376.28 | 22.03 |
| 28 46 13 31-0327 | EA | Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH) | 682.92 | 22.03 |
| 28 46 13 31-0328 | EA | Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1) | 81.21 | 13.78 |
| 28 46 13 31-0329 | EA | Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2) | 93.99 | 13.78 |
| 28 46 13 31-0330 | EA | Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250) | 1,260.11 | 55.09 |
| **28 46 13 31-0331** | | **Remote Annunciators For iO Series** *(28 46 13 31-0315)* | | |
| 28 46 13 31-0332 | EA | Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD) | 689.53 | 41.32 |
| 28 46 13 31-0333 | EA | Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C) | 721.48 | 41.32 |
| **28 46 13 31-0334** | | **Remote Annunciator Accessories** *(28 46 13 31-0315)* | | |
| 28 46 13 31-0335 | EA | 24 Expander Cable Assembly, With Cable And Hardware (EST3 730073) | 78.66 | 13.78 |
| 28 46 13 31-0336 | EA | 12 Expander Cable (Cable Only) (EST3 7120313-01) | 53.10 | 13.78 |
| 28 46 13 31-0337 | EA | 24 Expander Cable (Cable Only) (EST3 7120313-02) | 72.26 | 13.78 |
| 28 46 13 31-0338 | EA | Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1) | 210.41 | 41.32 |
| 28 46 13 31-0339 | EA | Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2) | 242.34 | 41.32 |
| 28 46 13 31-0340 | EA | Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3) | 274.29 | 41.32 |
| 28 46 13 31-0341 | EA | Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC) | 53.10 | 13.78 |
| 28 46 13 31-0342 | EA | Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC) | 53.10 | 13.78 |
| 28 46 13 31-0343 | EA | Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY) | 108.93 | 13.78 |
| **28 46 13 31-0344** | | **System Accessories** *(28 46 13 31-0315)* | | |
| 28 46 13 31-0345 | EA | Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1) | 386.42 | 55.09 |
| 28 46 13 31-0346 | EA | Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A) | 1,753.42 | 440.76 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0347 | | Conventional Initiating Devices *(28 46 13 31-0002)* | | |
| 28 46 13 31-0348 | | Detectors, Heat, Double Pole *(28 46 13 31-0347)* | | |
| | | Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only. | | |
| 28 46 13 31-0349 | EA | Heat Detector, 135 Degree F Fixed Temperature (CF135-2) | 151.49 | 41.32 |
| 28 46 13 31-0350 | EA | Heat Detector, 200 Degree F Fixed Temperature (CF200-2) | 151.49 | 41.32 |
| 28 46 13 31-0351 | EA | Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2) | 151.49 | 41.32 |
| 28 46 13 31-0352 | EA | Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2) | 151.49 | 41.32 |
| 28 46 13 31-0353 | | Detectors, Rate Compensation Heat, Accessories *(28 46 13 31-0347)* | | |
| 28 46 13 31-0354 | EA | Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P) | 91.96 | 41.32 |
| 28 46 13 31-0355 | EA | Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11) | 252.95 | 22.03 |
| 28 46 13 31-0356 | EA | 4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27) | 79.99 | 27.55 |
| 28 46 13 31-0357 | | Detectors, Heat, Fire-Lite *(28 46 13 31-0347)* | | |
| | | Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only. | | |
| 28 46 13 31-0358 | EA | Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135) | 141.72 | 41.32 |
| 28 46 13 31-0359 | EA | Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194) | 141.72 | 41.32 |
| 28 46 13 31-0360 | | Audio Notification Systems (Standalone Voice Evacuation) *(28 46 13 31-0002)* | | |
| 28 46 13 31-0361 | | Audio Notification Panels *(28 46 13 31-0360)* | | |
| 28 46 13 31-0362 | EA | Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG) | 4,896.64 | 550.95 |
| 28 46 13 31-0363 | EA | Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR) | 4,896.64 | 550.95 |
| 28 46 13 31-0364 | EA | Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG) | 3,657.29 | 550.95 |
| 28 46 13 31-0365 | EA | Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR) | 3,657.29 | 550.95 |
| 28 46 13 31-0366 | EA | Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG) | 4,270.57 | 550.95 |
| 28 46 13 31-0367 | EA | Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR) | 4,270.57 | 550.95 |
| 28 46 13 31-0368 | | Audio Notification Expander Panels *(28 46 13 31-0360)* | | |
| 28 46 13 31-0369 | EA | Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG) | 3,759.50 | 550.95 |
| 28 46 13 31-0370 | EA | Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR) | 3,759.50 | 550.95 |
| 28 46 13 31-0371 | EA | Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG) | 2,558.47 | 550.95 |
| 28 46 13 31-0372 | EA | Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR) | 2,558.47 | 550.95 |
| 28 46 13 31-0373 | EA | Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG) | 3,261.20 | 550.95 |
| 28 46 13 31-0374 | EA | Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR) | 3,261.20 | 550.95 |
| 28 46 13 31-0375 | | Audio Notification Output Accessories *(28 46 13 31-0360)* | | |
| 28 46 13 31-0376 | EA | Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B) | 142.54 | 13.78 |
| 28 46 13 31-0377 | EA | Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A) | 630.05 | 27.55 |
| 28 46 13 31-0378 | EA | Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B) | 630.05 | 27.55 |
| 28 46 13 31-0379 | EA | Class A Converter (GE ANSZSC4A) | 451.17 | 27.55 |
| 28 46 13 31-0380 | | Audio Notification Remote Microphone *(28 46 13 31-0360)* | | |
| 28 46 13 31-0381 | EA | Microphone (GE ANSMIKE) | 170.08 | 27.55 |
| 28 46 13 31-0382 | EA | Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG) | 693.93 | 27.55 |
| 28 46 13 31-0383 | EA | Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR) | 693.93 | 27.55 |
| 28 46 13 31-0384 | EA | Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP) | 155.32 | 13.78 |
| 28 46 13 31-0385 | EA | Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR) | 85.04 | 13.78 |
| 28 46 13 31-0386 | | Audio Notification Accessories *(28 46 13 31-0360)* | | |
| 28 46 13 31-0387 | EA | Audio Matching - Line Input/Output Card (GE ANSAUX) | 285.07 | 27.55 |
| 28 46 13 31-0388 | EA | Class B Backup Amplifier Switching Module (GE ANSBKUP) | 285.07 | 27.55 |
| 28 46 13 31-0389 | EA | Class A Backup Amplifier Switching Module (GE ANSBKUPA) | 285.07 | 27.55 |
| 28 46 13 31-0390 | EA | Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8) | 630.05 | 27.55 |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0391 | | Audio Notification Modules, Without Cabinet And Transformer *(28 46 13 31-0360)* | | |
| 28 46 13 31-0392 | EA | 100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A)<br>Note: Excludes cabinet. | 2,295.04 | 55.09 |
| 28 46 13 31-0393 | EA | 100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM)<br>Note: Excludes cabinet. | 2,410.03 | 55.09 |
| 28 46 13 31-0394 | EA | 100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD)<br>Note: Excludes cabinet. | 3,329.96 | 55.09 |
| 28 46 13 31-0395 | EA | 25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A)<br>Note: Excludes cabinet. | 1,260.11 | 55.09 |
| 28 46 13 31-0396 | EA | 25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM)<br>Note: Excludes cabinet. | 1,260.11 | 55.09 |
| 28 46 13 31-0397 | EA | 25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD) | 2,295.04 | 55.09 |
| 28 46 13 31-0398 | EA | 50W Expander Module (No Microphone Or DMR) (GE ANS50A)<br>Note: Excludes cabinet. | 1,835.07 | 55.09 |
| 28 46 13 31-0399 | EA | 50W Expander Module With Microphone (No DMR) (GE ANS50AM)<br>Note: Excludes cabinet. | 1,950.06 | 55.09 |
| 28 46 13 31-0400 | EA | 50W Audio Notification Module With DMR And Microphone (GE ANS50AMD)<br>Note: Excludes cabinet. | 2,869.99 | 55.09 |
| 28 46 13 31-0401 | EA | Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180) | 142.54 | 13.78 |
| 28 46 13 31-0402 | EA | Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885) | 105.54 | 13.78 |
| 28 46 13 31-0403 | | Simplex Fire Alarm *(28 46 13 31)* | | |
| 28 46 13 31-0404 | | 4100 Fire Alarm Control Panel *(28 46 13 31-0403)* | | |
| 28 46 13 31-0405 | EA | 4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111) | 6,074.48 | 549.96 |
| 28 46 13 31-0406 | EA | 4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141) | 6,629.51 | 549.96 |
| 28 46 13 31-0407 | EA | 4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142) | 9,536.50 | 549.96 |
| 28 46 13 31-0408 | EA | Up To 127 Points, IDNet Module, (Simplex 4100-3104)<br>Note: Add-on module. | 3,893.31 | 549.96 |
| 28 46 13 31-0409 | EA | Up To 64 Points, IDNet Module, (Simplex 4100-3105)<br>Note: Add-on module. | 3,046.86 | 549.96 |
| 28 46 13 31-0410 | EA | Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101)<br>Note: Add-on module. | 1,936.08 | 137.49 |
| 28 46 13 31-0411 | EA | Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033)<br>Note: Add-on module. | 405.00 | 27.50 |
| 28 46 13 31-0412 | EA | Dual Port RS-232 Interface Card (Simplex 4100-6038)<br>Note: Add-on module. | 1,162.40 | 27.50 |
| 28 46 13 31-0413 | | 4100U Backbox *(28 46 13 31-0403)* | | |
| 28 46 13 31-0414 | EA | 2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425)<br>Note: 24" x 40" beige backbox. | 2,015.91 | 109.99 |
| 28 46 13 31-0415 | EA | 3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443)<br>Note: 24" x 56" beige backbox. | 2,839.41 | 109.99 |
| 28 46 13 31-0416 | | DACT (Digital Alarm Communicator Transmitter) *(28 46 13 31-0403)* | | |
| 28 46 13 31-0417 | EA | 6 Zone Fire Control Communicator (Silent Knight SK-5104) | 1,103.78 | 54.99 |
| 28 46 13 31-0418 | | 4010 Fire Alarm Control Panel *(28 46 13 31-0403)* | | |
| 28 46 13 31-0419 | EA | 120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101) | 5,734.19 | 549.96 |
| 28 46 13 31-0420 | EA | 240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201) | 5,565.51 | 549.96 |
| 28 46 13 31-0421 | EA | Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806) | 208.26 | 27.50 |
| 28 46 13 31-0422 | EA | Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811) | 905.42 | 27.50 |
| 28 46 13 31-0423 | EA | Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812) | 1,244.99 | 27.50 |
| 28 46 13 31-0424 | EA | 120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813) | 639.48 | 27.50 |
| 28 46 13 31-0425 | EA | 240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823) | 692.05 | 27.50 |
| 28 46 13 31-0426 | EA | Battery Meter Module Expansion Module (Simplex 4010-9820) | 259.33 | 27.50 |
| 28 46 13 31-0427 | | Printer *(28 46 13 31-0403)* | | |
| 28 46 13 31-0428 | EA | 24 Pin Dot Matrix Printer (Simplex 4190-9013) | 2,005.34 | 27.50 |
| 28 46 13 31-0429 | | NAC Panel / Power Booster *(28 46 13 31-0403)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0430 | EA | 120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201)<br>Note: Power supply for horns and strobes. | 1,294.80 | 137.49 |
| **28 46 13 31-0431** | | **Battery** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0432 | EA | 50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296)<br>Note: Two required for 24 volt DC. | 810.66 | 27.50 |
| 28 46 13 31-0433 | EA | 33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276)<br>Note: Two required for 24 volt DC. | 538.34 | 27.50 |
| 28 46 13 31-0434 | EA | 6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272)<br>Note: Two required for 24 volt DC. | 193.42 | 27.50 |
| **28 46 13 31-0435** | | **Interface Modules** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0436 | EA | Supervised Individual Addressable Modules (Simplex 4090-9001)<br>Note: Monitor modules for waterflow/tamper, etc. | 156.00 | 27.50 |
| 28 46 13 31-0437 | EA | Relay Individual Addressable Modules (Simplex 4090-9002)<br>Note: Control modules for gas shutdown, door holders, etc. | 324.09 | 27.50 |
| 28 46 13 31-0438 | EA | Relay SPDT With LED MR-801/T (Simplex 2088-9032)<br>Note: Interface relay for 120VAC | 76.81 | 27.50 |
| 28 46 13 31-0439 | EA | SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815) | 157.85 | 27.50 |
| 28 46 13 31-0440 | EA | Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817) | 70.20 | 13.75 |
| 28 46 13 31-0441 | EA | Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818) | 66.65 | 13.75 |
| **28 46 13 31-0442** | | **Pull Stations** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0443 | EA | Addressable Single Action Manual Pull Station (Simplex 4099-9001) | 192.06 | 27.50 |
| 28 46 13 31-0444 | EA | N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101) | 136.85 | 27.50 |
| 28 46 13 31-0445 | EA | N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102) | 147.52 | 27.50 |
| 28 46 13 31-0446 | EA | Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103) | 132.05 | 27.50 |
| 28 46 13 31-0447 | EA | N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104) | 154.65 | 27.50 |
| 28 46 13 31-0448 | EA | N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105) | 235.86 | 27.50 |
| 28 46 13 31-0449 | EA | Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107) | 197.35 | 27.50 |
| 28 46 13 31-0450 | EA | Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108) | 232.94 | 27.50 |
| 28 46 13 31-0451 | EA | Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754) | 107.20 | 27.50 |
| 28 46 13 31-0452 | EA | Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755) | 113.71 | 27.50 |
| 28 46 13 31-0453 | EA | Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756) | 134.68 | 27.50 |
| 28 46 13 31-0454 | EA | N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758) | 210.92 | 27.50 |
| 28 46 13 31-0455 | EA | Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759) | 366.83 | 27.50 |
| 28 46 13 31-0456 | EA | Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762) | 119.06 | 27.50 |
| 28 46 13 31-0457 | EA | Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178) | 73.77 | 13.75 |
| **28 46 13 31-0458** | | **Weatherproof Pull Stations** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0459 | EA | Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138) | 187.03 | 33.00 |
| 28 46 13 31-0460 | EA | Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211) | 121.06 | 13.75 |
| **28 46 13 31-0461** | | **Heat / Smoke Sensor** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0462 | EA | 32 To 122 Degree F Heat Sensor (Simplex 4098-9733) | 187.33 | 41.25 |
| 28 46 13 31-0463 | EA | Photoelectric Smoke Sensor (Simplex 4098-9714) | 274.70 | 41.25 |
| 28 46 13 31-0464 | EA | Sensor Base With Relay Driver (Simplex 4098-9791) | 541.72 | 13.75 |
| 28 46 13 31-0465 | EA | Standard Sensor Base (Simplex 4098-9792) | 274.65 | 13.75 |
| 28 46 13 31-0466 | EA | Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737)<br>Note: Relay for 4098-9791 | 156.65 | 27.50 |
| **28 46 13 31-0467** | | **Explosion Proof Heat Detector** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0468 | EA | 135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488) | 198.50 | 41.25 |
| 28 46 13 31-0469 | EA | Explosion Proof Backbox (Killark JLX-21) | 130.73 | 13.75 |
| 28 46 13 31-0470 | EA | Explosion Proof Backbox Plugs (Killark CUP-2) | 11.81 | 2.75 |
| **28 46 13 31-0471** | | **Weatherproof Heat Detector** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0472 | EA | 194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490) | 142.37 | 41.25 |
| **28 46 13 31-0473** | | **200 Degree F Heat Detector** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0474 | EA | 194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604)<br>Note: Used in kiln rooms and kitchens. | 117.28 | 41.25 |
| **28 46 13 31-0475** | | **Duct Smoke Sensor** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0476 | EA | Duct Sensor Housing (Simplex 4098-9755) | 436.99 | 21.99 |
| 28 46 13 31-0477 | EA | Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756)<br>Note: Relay output for AHU shutdown. | 587.45 | 49.50 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0478 | EA | 46" To 71" Duct Sampling Tube (Simplex 2098-9798)<br>Note: 25", 49", 73" or 97" sampling tube length. | 64.62 | 13.75 |
| 28 46 13 31-0479 | EA | Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806) | 152.96 | 41.25 |
| **28 46 13 31-0480** | | **Interior Horn** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0481 | EA | Red With White "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850) | 141.28 | 41.25 |
| 28 46 13 31-0482 | EA | White With Red "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853) | 141.28 | 41.25 |
| **28 46 13 31-0483** | | **Interior Horn Strobe** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0484 | EA | 75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426) | 196.80 | 41.25 |
| 28 46 13 31-0485 | EA | 110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427) | 196.80 | 41.25 |
| 28 46 13 31-0486 | EA | Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127) | 184.13 | 41.25 |
| 28 46 13 31-0487 | EA | Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128) | 184.13 | 41.25 |
| 28 46 13 31-0488 | EA | Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129) | 184.13 | 41.25 |
| 28 46 13 31-0489 | EA | Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130) | 184.13 | 41.25 |
| 28 46 13 31-0490 | EA | Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131) | 188.38 | 41.25 |
| 28 46 13 31-0491 | EA | Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132) | 188.38 | 41.25 |
| 28 46 13 31-0492 | EA | Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139) | 195.85 | 41.25 |
| 28 46 13 31-0493 | EA | Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140) | 192.40 | 41.25 |
| 28 46 13 31-0494 | EA | Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141) | 195.85 | 41.25 |
| 28 46 13 31-0495 | EA | Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142) | 192.40 | 41.25 |
| 28 46 13 31-0496 | EA | Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227) | 184.13 | 41.25 |
| 28 46 13 31-0497 | EA | Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228) | 184.13 | 41.25 |
| 28 46 13 31-0498 | EA | Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229) | 184.13 | 41.25 |
| 28 46 13 31-0499 | EA | Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230) | 184.13 | 41.25 |
| **28 46 13 31-0500** | | **Interior Strobe** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0501 | EA | Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101) | 157.23 | 41.25 |
| 28 46 13 31-0502 | EA | Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102) | 157.23 | 41.25 |
| 28 46 13 31-0503 | EA | Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103) | 157.17 | 41.25 |
| 28 46 13 31-0504 | EA | Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104) | 157.23 | 41.25 |
| 28 46 13 31-0505 | EA | Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105) | 173.32 | 41.25 |
| 28 46 13 31-0506 | EA | Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106) | 173.32 | 41.25 |
| 28 46 13 31-0507 | EA | Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109) | 174.35 | 41.25 |
| 28 46 13 31-0508 | EA | Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110) | 177.15 | 41.25 |
| 28 46 13 31-0509 | EA | Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111) | 177.15 | 41.25 |
| 28 46 13 31-0510 | EA | Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112) | 177.15 | 41.25 |
| 28 46 13 31-0511 | EA | Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201) | 157.23 | 41.25 |
| 28 46 13 31-0512 | EA | Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202) | 157.23 | 41.25 |
| 28 46 13 31-0513 | EA | Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203) | 157.23 | 41.25 |
| 28 46 13 31-0514 | EA | Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204) | 157.23 | 41.25 |
| **28 46 13 31-0515** | | **Interior Speakers** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0516 | EA | Red With White "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716) | 127.66 | 41.25 |
| 28 46 13 31-0517 | EA | White With Red "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717) | 127.66 | 41.25 |
| 28 46 13 31-0518 | EA | Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721) | 127.66 | 41.25 |
| **28 46 13 31-0519** | | **Interior Speaker Strobe** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0520 | EA | Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151) | 209.34 | 41.25 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0521 | EA | White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153) | 209.34 | 41.25 |
| **28 46 13 31-0522** | | **Surge Suppressors** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0523 | EA | Overvoltage Suppressor (Simplex 2081-9044) | 136.31 | 8.25 |
| 28 46 13 31-0524 | EA | Isolated Loop Circuit Protector (Simplex 2081-9028) | 87.01 | 8.25 |
| 28 46 13 31-0525 | EA | 120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A) | 292.48 | 8.25 |
| 28 46 13 31-0526 | EA | 24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B) | 99.71 | 8.25 |
| 28 46 13 31-0527 | EA | Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB) | 150.16 | 13.75 |
| 28 46 13 31-0528 | EA | 120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW) | 102.23 | 8.25 |
| 28 46 13 31-0529 | EA | <105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP) | 76.82 | 8.25 |
| **28 46 13 31-0530** | | **Boxes And Adapters** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0531 | EA | Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921) | 66.65 | 13.75 |
| 28 46 13 31-0532 | EA | Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925) | 63.09 | 13.75 |
| 28 46 13 31-0533 | EA | Red, Surface Mount Adapter Skirt (Simplex 4905-9937) | 56.11 | 13.75 |
| 28 46 13 31-0534 | EA | White, Surface Mount Adapter Skirt (Simplex 4905-9940) | 46.21 | 13.75 |
| **28 46 13 31-0535** | | **Accessories** *(28 46 13 31-0403)* | | |
| 28 46 13 31-0536 | EA | End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008) | 31.64 | 13.75 |
| **28 46 13 31-0537** | | **Siemens Fire Alarm** *(28 46 13 31)* | | |
| **28 46 13 31-0538** | | **Conventional Control Panels** *(28 46 13 31-0537)* | | |
| **28 46 13 31-0539** | | **SXL Batteries And Power Supplies** *(28 46 13 31-0538)* | | |
| 28 46 13 31-0540 | EA | 6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3) | 1,152.58 | 54.99 |
| 28 46 13 31-0541 | EA | Main Board Only For PAD-3 (Siemens PAD-3-MB) | 927.71 | 54.99 |
| **28 46 13 31-0542** | | **Digital Fire Communicators** *(28 46 13 31-0538)* | | |
| 28 46 13 31-0543 | EA | Four Channel Digital Slave Fire Communicator (Siemens 5129) | 898.07 | 54.99 |
| **28 46 13 31-0544** | | **Addressable Control Panels** *(28 46 13 31-0537)* | | |
| **28 46 13 31-0545** | | **Fireseeker Equipment** *(28 46 13 31-0544)* | | |
| **28 46 13 31-0546** | | **FS-250 System Panels** *(28 46 13 31-0545)* | | |
| 28 46 13 31-0547 | EA | FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT)<br>Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. | 2,751.72 | 549.96 |
| 28 46 13 31-0548 | EA | FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT)<br>Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module. | 3,438.61 | 549.96 |
| 28 46 13 31-0549 | EA | FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT)<br>Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module. | 2,045.19 | 439.97 |
| 28 46 13 31-0550 | EA | Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON) | 2,755.81 | 549.96 |
| **28 46 13 31-0551** | | **FS-250 Optional Modules** *(28 46 13 31-0545)* | | |
| 28 46 13 31-0552 | EA | Main Board Module (Siemens FS-MB2) | 1,160.76 | 54.99 |
| 28 46 13 31-0553 | EA | Display Board Module (Siemens FS-DB2) | 905.42 | 27.50 |
| 28 46 13 31-0554 | EA | Device Loop Card (Siemens FS-DLC) | 741.87 | 27.50 |
| 28 46 13 31-0555 | EA | Releasing Module (Siemens FS-REL) | 328.93 | 27.50 |
| 28 46 13 31-0556 | EA | Remote LCD Annunciator (Siemens FS-RD2) | 736.76 | 27.50 |
| 28 46 13 31-0557 | EA | Relay Processor Card (Siemens FS-RU2) | 639.66 | 27.50 |
| 28 46 13 31-0558 | EA | Relay Expander Board (Siemens FS-RE8) | 545.62 | 27.50 |
| 28 46 13 31-0559 | EA | Serial Annunciator Processor Card (Siemens FS-SAU2) | 736.76 | 27.50 |
| 28 46 13 31-0560 | EA | 16 Output Annunciator Extender (Siemens FS-SAE16) | 574.24 | 27.50 |
| 28 46 13 31-0561 | EA | Digital Alarm Communication Transmitter (Siemens FS-DACT) | 522.11 | 27.50 |
| 28 46 13 31-0562 | EA | Municipal Tie Module (Siemens FS-MT) | 443.41 | 27.50 |
| 28 46 13 31-0563 | EA | Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2) | 403.35 | |
| 28 46 13 31-0564 | EA | Programming Cable Kit (Siemens CBL-UD) | 106.21 | 13.75 |
| 28 46 13 31-0565 | EA | Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE) | 190.94 | 27.50 |
| 28 46 13 31-0566 | EA | Releasing Power Transformer (Siemens FS-RPT-A) | 194.00 | 27.50 |
| 28 46 13 31-0567 | EA | Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB) | 219.81 | 21.99 |
| 28 46 13 31-0568 | EA | Cabinet Trim Kit (Siemens RD-CAB-TK) | 358.68 | 13.75 |
| **28 46 13 31-0569** | | **Firefinder Systems** *(28 46 13 31-0544)* | | |
| **28 46 13 31-0570** | | **XLS Basic Fire System Packages Without Backbox** *(28 46 13 31-0569)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0571 | EA | 500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP)<br>Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate. | 9,715.73 | 549.96 |
| 28 46 13 31-0572 | EA | 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP)<br>Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate. | 8,548.43 | 549.96 |
| 28 46 13 31-0573 | EA | 250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP)<br>Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate. | 8,548.43 | 549.96 |
| 28 46 13 31-0574 | EA | 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD)<br>Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate. | 14,350.16 | 549.96 |
| 28 46 13 31-0575 | EA | 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD)<br>Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate. | 14,834.66 | 549.96 |
| 28 46 13 31-0576 | EA | 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP)<br>Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. | 8,430.89 | 549.96 |
| 28 46 13 31-0577 | EA | 250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP)<br>Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. | 8,430.89 | 549.96 |
| 28 46 13 31-0578 | EA | 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP)<br>Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. | 9,796.48 | 549.96 |
| **28 46 13 31-0579** | | **Firefinder - XLS Basic System Equipment** *(28 46 13 31-0569)* | | |
| 28 46 13 31-0580 | EA | Person Machine Interface With Central Processor (Siemens PMI)<br>Note: Includes inner door. | 4,506.76 | 549.96 |
| 28 46 13 31-0581 | EA | Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC)<br>Note: Includes inner door. | 7,523.12 | 549.96 |
| 28 46 13 31-0582 | EA | Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT)<br>Note: Includes inner door. | 4,506.76 | 549.96 |
| 28 46 13 31-0583 | EA | Two Slot Card Cage (Siemens CC-2) | 561.98 | 27.50 |
| 28 46 13 31-0584 | EA | Five Slot Card Cage (Siemens CC-5) | 951.42 | 27.50 |
| 28 46 13 31-0585 | EA | Four Circuit Zone Indicating Card (Siemens ZIC-4A) | 1,360.28 | 27.50 |
| 28 46 13 31-0586 | EA | Eight Circuit Zone Indicating Card (Siemens ZIC-8B) | 1,420.58 | 27.50 |
| 28 46 13 31-0587 | EA | Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C) | 447.50 | 27.50 |
| 28 46 13 31-0588 | EA | Device Loop Card (Siemens DLC)<br>Note: Interfaces with up to 252 detectors and devices. | 1,612.75 | 27.50 |
| 28 46 13 31-0589 | EA | Controllable Relay Card (Siemens CRC-6)<br>Note: Provides six programmable relays. | 912.57 | 27.50 |
| 28 46 13 31-0590 | EA | 12 Amperes Power Supply Charger Module (Siemens PSC-12) | 3,461.82 | 27.50 |
| 28 46 13 31-0591 | EA | Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI)<br>Note: Software kit provides interface with multiple FireFinder XLS and MXL systems. | 5,870.30 | 549.96 |
| 28 46 13 31-0592 | EA | Network Interface Card (Siemens NIC-C)<br>Note: Provides HNET Or XNET communication between enclosures. | 1,067.94 | 27.50 |
| 28 46 13 31-0593 | EA | 12 Amperes Power Supply Extender (Siemens PSX-12)<br>Note: Extends PSC-12 with an additional 24 volt DC. | 2,879.19 | 27.50 |
| 28 46 13 31-0594 | EA | Power Termination Board (Siemens PTB)<br>Note: Used with systems requiring more than one PSX-12. | 484.29 | 27.50 |
| 28 46 13 31-0595 | EA | Conventional Detector Card (Siemens CDC-4) | 1,029.10 | 27.50 |
| 28 46 13 31-0596 | EA | Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS) | 2,017.52 | 27.50 |
| 28 46 13 31-0597 | EA | Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS) | 7,259.10 | 27.50 |
| **28 46 13 31-0598** | | **Remote Lobby Enclosure** *(28 46 13 31-0569)* | | |
| 28 46 13 31-0599 | EA | 14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2)<br>Note: Flush mounted. Includes clear lens plate on cover. | 1,331.07 | 109.99 |
| 28 46 13 31-0600 | EA | 24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4)<br>Note: Flush mounted. Includes clear lens plate on cover. | 1,719.48 | 109.99 |
| 28 46 13 31-0601 | EA | Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP)<br>Note: Required to mount up to four SIM-16 or OCM-16 modules. | 211.38 | 27.50 |
| 28 46 13 31-0602 | EA | Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP)<br>Note: Required to mount up to eight SIM-16 or OCM-16 modules. | 230.80 | 27.50 |
| **28 46 13 31-0603** | | **Battery Enclosures** *(28 46 13 31-0569)* | | |
| 28 46 13 31-0604 | EA | Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT) | 824.08 | 109.99 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-0605** | | **Graphic Annunciator Output Drivers And Inputs** *(28 46 13 31-0569)* | | |
| 28 46 13 31-0606 | EA | Output Control Module (Siemens OCM-16) | 659.08 | 27.50 |
| 28 46 13 31-0607 | EA | Supervised Input Module (Siemens SIM-16) | 659.08 | 27.50 |
| **28 46 13 31-0608** | | **Remote LCD Displays** *(28 46 13 31-0569)* | | |
| 28 46 13 31-0609 | EA | Remote LED/LCD System Status Display (Siemens SSD)<br>Note: No control or menu capability. | 1,527.52 | 82.49 |
| 28 46 13 31-0610 | EA | Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C) | 1,722.75 | 82.49 |
| **28 46 13 31-0611** | | **Voice Equipment** *(28 46 13 31-0569)* | | |
| 28 46 13 31-0612 | EA | 40 Watts Zone Amplifier Card (Siemens ZAC-40) | 1,518.71 | 27.50 |
| 28 46 13 31-0613 | EA | 180 Watts Zone Amplifier Module (Siemens ZAM-180) | 3,365.73 | 27.50 |
| 28 46 13 31-0614 | EA | Live Voice Module (Siemens LVM)<br>Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals. | 1,417.52 | 27.50 |
| **28 46 13 31-0615** | | **MXL Series Equipment** *(28 46 13 31-0544)* | | |
| **28 46 13 31-0616** | | **MXL Optional Equipment** *(28 46 13 31-0615)* | | |
| 28 46 13 31-0617 | EA | Two Circuit Analog Loop Driver (Siemens ALD-2I) | 1,635.04 | 54.99 |
| 28 46 13 31-0618 | EA | CXL/MXL Interface Module (Siemens CMI-300) | 4,225.36 | 27.50 |
| 28 46 13 31-0619 | EA | Four Relay Programmable Relay Module (Siemens CRM-4) | 725.52 | 27.50 |
| 28 46 13 31-0620 | EA | Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4) | 875.78 | 27.50 |
| 28 46 13 31-0621 | EA | Remote Conventional Zone Module (Siemens CZM-1B6) | 329.95 | 27.50 |
| 28 46 13 31-0622 | EA | Short Circuit Line Isolator Module (Siemens Model LIM-1) | 204.22 | 27.50 |
| 28 46 13 31-0623 | EA | Four Circuit Conventional Zone Module (Siemens CZM-4) | 852.27 | 27.50 |
| 28 46 13 31-0624 | EA | 12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD) | 307.36 | 41.25 |
| 28 46 13 31-0625 | EA | Lexan Window For RCC (Siemens GENBOX-WD) | 208.57 | 21.99 |
| 28 46 13 31-0626 | EA | Input Driver Module (Siemens MID-16) | 558.91 | 27.50 |
| 28 46 13 31-0627 | EA | Programmable Output Driver Module (Siemens MOD-16) | 558.91 | 27.50 |
| 28 46 13 31-0628 | EA | MXL Output/Input Module (Siemens MOI-7) | 894.18 | 27.50 |
| 28 46 13 31-0629 | EA | Two Slot Network Option Module Card Cage (Siemens MOM-2) | 476.12 | 27.50 |
| 28 46 13 31-0630 | EA | Four Slot Network Option Module Card Cage (Siemens MOM-4) | 749.03 | 27.50 |
| 28 46 13 31-0631 | EA | 12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220) | 1,842.34 | 82.49 |
| 28 46 13 31-0632 | EA | 12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240) | 1,842.34 | 82.49 |
| 28 46 13 31-0633 | EA | Network Interface Module (Siemens NIM-1W) | 1,333.70 | 27.50 |
| 28 46 13 31-0634 | EA | U.L. Listed Parallel Printer (Siemens PAL-1) | 3,490.87 | 109.99 |
| 28 46 13 31-0635 | EA | Peripheral Interface Module, Model PIM-1 (Siemens 500-691324) | 391.28 | 27.50 |
| 28 46 13 31-0636 | EA | Surface Mounted Remote Command Center (Siemens RCC-1) | 3,823.96 | 549.96 |
| 28 46 13 31-0637 | EA | Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL) | 470.81 | 54.99 |
| 28 46 13 31-0638 | EA | Flush Mounted Remote Command Center (Siemens RCC-1F) | 3,823.96 | 549.96 |
| 28 46 13 31-0639 | EA | Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL) | 483.07 | 54.99 |
| 28 46 13 31-0640 | EA | Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2) | 2,939.80 | 549.96 |
| 28 46 13 31-0641 | EA | MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3) | 4,400.45 | 549.96 |
| 28 46 13 31-0642 | EA | RCC-2/RSE-1 Trim Ring (Siemens RCF-1) | 73.50 | 13.75 |
| 28 46 13 31-0643 | EA | Remote Diagnostics Module For MXL (Siemens RDM-MXL) | 5,425.17 | 54.99 |
| 28 46 13 31-0644 | EA | Remote Diagnostics Module For PC (Siemens RDM-PC) | 11,555.00 | 54.99 |
| 28 46 13 31-0645 | EA | Releasing End Of Line Module (Siemens REL-EOL) | 166.40 | 27.50 |
| 28 46 13 31-0646 | EA | 36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC) | 3,459.58 | 54.99 |
| 28 46 13 31-0647 | EA | 36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL) | 3,303.19 | 54.99 |
| 28 46 13 31-0648 | EA | 8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1) | 1,754.24 | 109.99 |
| **28 46 13 31-0649** | | **Complete MXL And MXLV System Packages Without Enclosure** *(28 46 13 31-0615)* | | |
| 28 46 13 31-0650 | EA | MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP)<br>Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module. | 12,674.85 | 549.96 |
| 28 46 13 31-0651 | EA | MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP)<br>Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay. | 16,505.87 | 549.96 |
| 28 46 13 31-0652 | EA | MXLV Demonstration Panel (Siemens MXLV DEMO) | 34,397.58 | 549.96 |
| **28 46 13 31-0653** | | **MXL Basic System** *(28 46 13 31-0615)* | | |
| 28 46 13 31-0654 | EA | MXL/MXLV Main Control Board (Siemens MMB-3) | 7,854.39 | 549.96 |
| 28 46 13 31-0655 | EA | MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL)<br>Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit. | 10,142.99 | 549.96 |
| 28 46 13 31-0656 | EA | MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2) | 2,917.84 | 54.99 |
| 28 46 13 31-0657 | EA | MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5) | 3,655.83 | 54.99 |
| 28 46 13 31-0658 | EA | 6 Amperes Power Supply For MXL (Siemens MPS-6) | 1,268.91 | 82.49 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0659 | EA | 220/240 Volt AC Adapter Cable (Siemens CIA-12) | 93.94 | 13.75 |
| **28 46 13 31-0660** | | **MXL/MXLR System Expansion Accessories** *(28 46 13 31-0615)* | | |
| 28 46 13 31-0661 | EA | MXL Remote Power Supply Module (Siemens PSR-1) | 1,558.18 | 82.49 |
| 28 46 13 31-0662 | EA | Style 4 Communication Module (Siemens NET-4) | 319.73 | 27.50 |
| 28 46 13 31-0663 | EA | Style 7 Communication Module (Siemens NET-7) | 582.42 | 27.50 |
| 28 46 13 31-0664 | EA | MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6) | 349.37 | 27.50 |
| **28 46 13 31-0665** | | **Peripheral Devices** *(28 46 13 31-0544)* | | |
| **28 46 13 31-0666** | | **Thermal Detectors** *(28 46 13 31-0665)* | | |
| 28 46 13 31-0667 | EA | Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R) | 132.58 | 41.25 |
| 28 46 13 31-0668 | EA | Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R) | 132.58 | 41.25 |
| 28 46 13 31-0669 | EA | 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F) | 132.58 | 41.25 |
| 28 46 13 31-0670 | EA | 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F) | 132.58 | 41.25 |
| 28 46 13 31-0671 | EA | Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP) | 209.24 | 41.25 |
| 28 46 13 31-0672 | EA | Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP) | 209.24 | 41.25 |
| 28 46 13 31-0673 | EA | Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP) | 518.95 | 41.25 |
| **28 46 13 31-0674** | | **Beam Smoke Detector** *(28 46 13 31-0665)* | | |
| 28 46 13 31-0675 | EA | Linear Beam Smoke Detector (Siemens PBA-1191) | 2,460.20 | 41.25 |
| 28 46 13 31-0676 | EA | Base For Linear Beam Smoke Detector (Siemens PBB-1191) | 280.99 | 13.75 |
| 28 46 13 31-0677 | EA | 20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192) | 284.06 | 13.75 |
| 28 46 13 31-0678 | EA | 10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193) | 145.05 | 13.75 |
| **28 46 13 31-0679** | | **Bases For Detectors** *(28 46 13 31-0665)* | | |
| 28 46 13 31-0680 | EA | Detector Base (Siemens DB-11) | 42.83 | 13.75 |
| 28 46 13 31-0681 | EA | Universal Base (Siemens DB-3S) | 39.77 | 13.75 |
| **28 46 13 31-0682** | | **Manual Stations** *(28 46 13 31-0665)* | | |
| 28 46 13 31-0683 | EA | Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP) | 310.29 | 33.00 |
| **28 46 13 31-0684** | | **Addressable Devices** *(28 46 13 31-0544)* | | |
| **28 46 13 31-0685** | | **Intelligent Detectors And Devices For Firefinder XLS And FS-250** *(28 46 13 31-0684)* | | |
| 28 46 13 31-0686 | EA | Addressable Fireprint Fire Detector (Siemens HFP-11) | 258.30 | 41.25 |
| 28 46 13 31-0687 | EA | Addressable Thermal Fire Detector (Siemens HFPT-11) | 222.52 | 41.25 |
| 28 46 13 31-0688 | EA | Relay Base For H-Series Intelligent Detectors (Siemens DB-HR) | 180.62 | 41.25 |
| 28 46 13 31-0689 | EA | Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC) | 120.31 | 41.25 |
| 28 46 13 31-0690 | EA | Wall Mounted Remote Alarm Indicator (Siemens RL-HW) | 120.31 | 41.25 |
| 28 46 13 31-0691 | EA | Addressable Single Action Manual Pull Station (Siemens HMS-S) | 270.66 | 27.50 |
| 28 46 13 31-0692 | EA | Addressable Double Action Manual Pull Station (Siemens HMS-D) | 258.40 | 27.50 |
| 28 46 13 31-0693 | EA | Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S) | 204.22 | 27.50 |
| 28 46 13 31-0694 | EA | Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D) | 250.22 | 27.50 |
| 28 46 13 31-0695 | EA | Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R) | 250.22 | 27.50 |
| 28 46 13 31-0696 | EA | Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M) | 188.89 | 27.50 |
| 28 46 13 31-0697 | EA | Line Isolator Module (Siemens HLIM) | 195.02 | 27.50 |
| 28 46 13 31-0698 | EA | Remote Convention Zone Module (Siemens HZM) | 289.06 | 27.50 |
| 28 46 13 31-0699 | EA | Intelligent Control Point Module (Siemens HCP) | 366.75 | 27.50 |
| 28 46 13 31-0700 | EA | Handheld Programming And Testing Unit (Siemens DPU) | 1,622.05 | |
| 28 46 13 31-0701 | EA | DPU Carrying Case (Siemens DPU-C1) | 249.55 | |
| 28 46 13 31-0702 | EA | Label Printer And Carrying Case (Siemens DPU-PRT) | 2,778.00 | 27.50 |
| **28 46 13 31-0703** | | **Air Duct Housings And Detectors** *(28 46 13 31-0684)* | | |
| 28 46 13 31-0704 | EA | Air-Duct Housing (Siemens AD2-P) | 296.47 | 21.99 |
| 28 46 13 31-0705 | EA | Air-Duct Housing With Relay (Siemens AD2-XHR) | 335.31 | 21.99 |
| 28 46 13 31-0706 | EA | Weatherproof Enclosure For Duct Housing (Siemens WP-2000) | 268.62 | 27.50 |
| 28 46 13 31-0707 | EA | 6" To 1' Duct Sampling Tube (Siemens ST-10) | 36.94 | 8.25 |
| 28 46 13 31-0708 | EA | >1' To 3' Duct Sampling Tube (Siemens ST-25) | 45.50 | 11.00 |
| 28 46 13 31-0709 | EA | >3' To 5' Duct Sampling Tube (Siemens ST-50) | 57.14 | 13.75 |
| 28 46 13 31-0710 | EA | >5' To 10' Duct Sampling Tube (Siemens ST-100) | 66.73 | 16.50 |
| **28 46 13 31-0711** | | **Intelligent Initiating Devices For MXL, MXL-LQ And MXLV** *(28 46 13 31-0684)* | | |
| 28 46 13 31-0712 | EA | Addressable Fireprint Fire Detector (Siemens FP-11) | 269.54 | 41.25 |
| 28 46 13 31-0713 | EA | Addressable Thermal Fire Detector (Siemens FPT-11) | 231.72 | 41.25 |
| 28 46 13 31-0714 | EA | Intelligent Ionization Smoke Detector (Siemens ILI-1) | 298.16 | 41.25 |
| 28 46 13 31-0715 | EA | Addressable Single Action Manual Pull Station (Siemens MSI-10B) | 263.51 | 27.50 |
| 28 46 13 31-0716 | EA | Addressable Double Action Manual Pull Station (Siemens MSI-20B) | 291.11 | 27.50 |
| 28 46 13 31-0717 | EA | Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S) | 266.57 | 27.50 |
| 28 46 13 31-0718 | EA | Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D) | 295.20 | 27.50 |
| 28 46 13 31-0719 | EA | Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R) | 295.20 | 27.50 |
| **28 46 13 31-0720** | | **Detector Universal Bases** *(28 46 13 31-0684)* | | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0721 | EA | Detector Base With Relay (Siemens DB-X11RS) | 124.60 | 13.75 |
| 28 46 13 31-0722 | EA | PE-11 To DB-3 Base Adapter (Siemens DB-ADPT) | 63.28 | 13.75 |
| 28 46 13 31-0723 | EA | Locking Kit (Siemens LK-11) | 11.82 | |
| 28 46 13 31-0724 | EA | Detector Base With Relay (Siemens DB-X3RS) | 124.60 | 13.75 |
| 28 46 13 31-0725 | EA | Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11) | 145.05 | 13.75 |
| 28 46 13 31-0726 | EA | Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX) | 60.21 | 13.75 |
| 28 46 13 31-0727 | EA | Flush Trim Ring For Bases (Siemens RA-ADB) | 28.77 | 8.25 |
| 28 46 13 31-0728 | EA | Seal For DB-11 (Siemens DB11-SEAL) | 14.28 | |
| 28 46 13 31-0729 | EA | Gasket For DB-11 (Siemens DB-SEAL) | 15.63 | |
| 28 46 13 31-0730 | EA | Detector Guard Housing (Siemens DGH-11) | 182.87 | 13.75 |
| 28 46 13 31-0731 | EA | Small Detector Base (Siemens DB-11E) | 46.92 | 13.75 |
| 28 46 13 31-0732 | EA | Audible Base For Series 3 (Siemens ADBI-60A) | 163.45 | 13.75 |
| 28 46 13 31-0733 | EA | Base Plug (Siemens DB-11-DP) | 11.78 | |
| 28 46 13 31-0734 | | Air Duct Smoke Detectors *(28 46 13 31-0684)* | | |
| 28 46 13 31-0735 | EA | Intelligent Remote Duct Relay Module (Siemens DA-X3SR) | 137.78 | 27.50 |
| 28 46 13 31-0736 | EA | Weatherproof Enclosure For Duct Housing (Siemens EAD-3) | 716.32 | 27.50 |
| 28 46 13 31-0737 | | Notification Devices *(28 46 13 31-0544)* | | |
| 28 46 13 31-0738 | | Synchronization Control Devices *(28 46 13 31-0737)* | | |
| 28 46 13 31-0739 | EA | Dual Synchronization Control Module (Siemens DSC) | 204.22 | 27.50 |
| 28 46 13 31-0740 | | Stand Alone Strobes *(28 46 13 31-0737)* | | |
| 28 46 13 31-0741 | EA | Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R) | 169.37 | 41.25 |
| 28 46 13 31-0742 | EA | Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R) | 184.71 | 41.25 |
| 28 46 13 31-0743 | EA | Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR) | 169.37 | 41.25 |
| 28 46 13 31-0744 | EA | Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR) | 184.71 | 41.25 |
| 28 46 13 31-0745 | EA | Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW) | 184.71 | 41.25 |
| 28 46 13 31-0746 | EA | Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW) | 169.37 | 41.25 |
| 28 46 13 31-0747 | EA | Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R) | 195.95 | 41.25 |
| 28 46 13 31-0748 | EA | Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP) | 187.77 | 41.25 |
| 28 46 13 31-0749 | EA | Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP) | 187.77 | 41.25 |
| 28 46 13 31-0750 | EA | Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP) | 201.06 | 41.25 |
| 28 46 13 31-0751 | EA | Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP) | 201.06 | 41.25 |
| 28 46 13 31-0752 | | Horns And Strobes *(28 46 13 31-0737)* | | |
| 28 46 13 31-0753 | EA | Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R) | 229.68 | 41.25 |
| 28 46 13 31-0754 | EA | Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R) | 242.97 | 41.25 |
| 28 46 13 31-0755 | EA | Wall Mounted Horn (Siemens SE-R) | 132.58 | 41.25 |
| 28 46 13 31-0756 | EA | Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR) | 229.68 | 41.25 |
| 28 46 13 31-0757 | EA | Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR) | 242.97 | 41.25 |
| 28 46 13 31-0758 | EA | Ceiling Mounted Horn (Siemens SEC-R) | 138.71 | 41.25 |
| 28 46 13 31-0759 | EA | Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R) | 229.68 | 41.25 |
| 28 46 13 31-0760 | EA | Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R) | 242.97 | 41.25 |
| 28 46 13 31-0761 | EA | Wall Mounted Low Profile Horn (Siemens SEF-R) | 132.58 | 41.25 |
| 28 46 13 31-0762 | EA | Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW) | 229.68 | 41.25 |
| 28 46 13 31-0763 | EA | Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW) | 242.97 | 41.25 |
| 28 46 13 31-0764 | EA | Ceiling Mounted Low Profile Horn (Siemens SEF-CR) | 138.71 | 41.25 |
| 28 46 13 31-0765 | EA | Mini Horn (Siemens MH-R) | 110.09 | 41.25 |
| 28 46 13 31-0766 | EA | Indoor/Outdoor Multi Tone Horn (Siemens MTH-R) | 140.75 | 41.25 |
| 28 46 13 31-0767 | EA | Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R) | 216.39 | 41.25 |
| 28 46 13 31-0768 | EA | Industrial Tri-Tone Horn (Siemens ASR) | 619.12 | 41.25 |
| 28 46 13 31-0769 | EA | Wall Mounted Horn (Siemens HS-R) | 140.75 | 41.25 |
| 28 46 13 31-0770 | EA | Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R) | 217.41 | 41.25 |
| 28 46 13 31-0771 | EA | Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R) | 233.77 | 41.25 |
| 28 46 13 31-0772 | EA | 6" Motor Bell (Siemens MBDC-6) | 161.20 | 41.25 |
| 28 46 13 31-0773 | EA | 10" Motor Bell (Siemens MBDC-10) | 176.53 | 41.25 |
| 28 46 13 31-0774 | | Mounting Accessories *(28 46 13 31-0737)* | | |
| 28 46 13 31-0775 | EA | Concealed Conduit Adapter Plate (Siemens APS-R) | 39.77 | 13.75 |
| 28 46 13 31-0776 | EA | 4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R) | 39.77 | 13.75 |
| 28 46 13 31-0777 | EA | 4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R) | 40.79 | 13.75 |
| 28 46 13 31-0778 | EA | Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX) | 65.32 | 13.75 |
| 28 46 13 31-0779 | EA | White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W) | 52.03 | 13.75 |
| 28 46 13 31-0780 | EA | Surface Mounted Speaker Backbox (Siemens SBBS-R) | 55.10 | 13.75 |
| 28 46 13 31-0781 | EA | Surface Mounted Speaker Backbox (Siemens SBL2S-R) | 59.19 | 13.75 |
| 28 46 13 31-0782 | EA | Square Semi-Flush Extension Ring (Siemens SERS-R) | 46.92 | 13.75 |
| 28 46 13 31-0783 | EA | Semi-Flush Plate (Siemens SFPS-R) | 38.74 | 13.75 |
| 28 46 13 31-0784 | EA | Square Surface Backbox (Siemens SHBBS-R) | 46.92 | 13.75 |
| 28 46 13 31-0785 | EA | Horn Adapter Plate (Siemens SHMPS-R) | 44.88 | 13.75 |
| 28 46 13 31-0786 | EA | Ceiling Speaker Extension Ring (Siemens SPEXT-R) | 39.77 | 13.75 |
| 28 46 13 31-0787 | EA | Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R) | 52.03 | 13.75 |
| 28 46 13 31-0788 | EA | Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R) | 55.10 | 13.75 |
| 28 46 13 31-0789 | EA | Weatherproof Speaker Backbox (Siemens WBBS-R) | 53.05 | 13.75 |
| 28 46 13 31-0790 | EA | Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B) | 59.19 | 13.75 |
| 28 46 13 31-0791 | EA | Weatherproof Flush Plate (Siemens WFPAS-R) | 59.19 | 13.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0792 | EA | Weatherproof Horn Flush Plate (Siemens WFPS-R) | 59.19 | 13.75 |
| 28 46 13 31-0793 | EA | Weatherproof Horn Backbox (Siemens WPBBS-R) | 55.10 | 13.75 |
| 28 46 13 31-0794 | EA | Weatherproof Strobe Backbox (Siemens WPSBBS-R) | 55.10 | 13.75 |
| 28 46 13 31-0795 | EA | Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT) | 39.77 | 13.75 |
| 28 46 13 31-0796 | EA | Z Series Backbox (Siemens ZBB-R) | 44.88 | 13.75 |
| **28 46 13 31-0797** | | **Door Holders** *(28 46 13 31-0737)* | | |
| 28 46 13 31-0798 | EA | 120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A) | 346.20 | 41.25 |
| 28 46 13 31-0799 | EA | 24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D) | 346.20 | 41.25 |
| **28 46 13 31-0800** | | **Voice Equipment** *(28 46 13 31-0544)* | | |
| **28 46 13 31-0801** | | **Voicecom** *(28 46 13 31-0800)* | | |
| 28 46 13 31-0802 | EA | Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM) | 5,306.08 | 549.96 |
| 28 46 13 31-0803 | EA | Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L) | 8,423.63 | 549.96 |
| **28 46 13 31-0804** | | **Honeywell Fire Alarm** *(28 46 13 31)* | | |
| **28 46 13 31-0805** | | **Notifier Fire Alarm** *(28 46 13 31-0804)* | | |
| **28 46 13 31-0806** | | **Fire Alarm Control Panel And Accessories** *(28 46 13 31-0805)* | | |
| 28 46 13 31-0807 | EA | NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D) | 4,467.92 | 549.96 |
| 28 46 13 31-0808 | EA | NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640) | 3,810.45 | 549.96 |
| 28 46 13 31-0809 | EA | Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320) | 4,460.19 | 549.96 |
| 28 46 13 31-0810 | EA | Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C) | 4,822.20 | 549.96 |
| 28 46 13 31-0811 | EA | Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E) | 4,708.97 | 549.96 |
| 28 46 13 31-0812 | EA | Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R) | 4,600.84 | 549.96 |
| 28 46 13 31-0813 | EA | Two-Tone Sequential Module (Notifier 2TTM) | 292.53 | 27.50 |
| 28 46 13 31-0814 | EA | 5', Not Low Loss, Antenna Cable (Notifier 7626-5C) | 73.15 | 5.50 |
| 28 46 13 31-0815 | EA | 25', Low Loss, Antenna Cable (Notifier 7626-25HC) | 140.34 | 11.00 |
| 28 46 13 31-0816 | EA | 50', Low Loss, Antenna Cable (Notifier 7626-50HC) | 213.07 | 16.50 |
| 28 46 13 31-0817 | EA | IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P) | 330.35 | |
| 28 46 13 31-0818 | EA | RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119) | 67.70 | |
| 28 46 13 31-0819 | EA | 120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS) | 4,515.70 | 549.96 |
| 28 46 13 31-0820 | EA | 240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE) | 4,557.41 | 549.96 |
| 28 46 13 31-0821 | EA | 3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB) | 178.73 | 5.50 |
| 28 46 13 31-0822 | EA | Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER) | 56.12 | 5.50 |
| 28 46 13 31-0823 | EA | Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT) | 80.52 | 11.00 |
| 28 46 13 31-0824 | EA | Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT) | 80.29 | 13.75 |
| 28 46 13 31-0825 | EA | IP Communicator (Notifier IPDACT-2) | 582.86 | 27.50 |
| 28 46 13 31-0826 | EA | IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD) | 674.82 | 27.50 |
| 28 46 13 31-0827 | EA | Red, IP Communicator External Mounting Enclosure (Notifier IPENC)<br>Note: Includes IPBRKT. | 163.97 | 27.50 |
| 28 46 13 31-0828 | EA | Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B)<br>Note: Includes IPBRKT | 163.54 | 27.50 |
| 28 46 13 31-0829 | EA | Dual 8TPC To Single 8TPC "Y" Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT) | 43.02 | 11.00 |
| 28 46 13 31-0830 | EA | Loop Control Module (Notifier LCM-320) | 1,406.89 | 54.99 |
| 28 46 13 31-0831 | EA | Loop Expander Module (Notifier LEM-320) | 1,334.32 | 54.99 |
| 28 46 13 31-0832 | EA | Keyboard Display Module For CPU2-640 (Notifier KDM-R2) | 1,076.00 | 54.99 |
| 28 46 13 31-0833 | EA | 7' DACT Phone Cord (Notifier MCBL-7) | 20.96 | |
| 28 46 13 31-0834 | EA | Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1) | 169.26 | 13.75 |
| 28 46 13 31-0835 | EA | Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R) | 196.75 | 27.50 |
| 28 46 13 31-0836 | EA | Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B) | 196.75 | 27.50 |
| 28 46 13 31-0837 | EA | Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2) | 484.53 | 27.50 |
| 28 46 13 31-0838 | EA | Universal Zone Coder (Notifier UZC-256) | 666.53 | 27.50 |
| 28 46 13 31-0839 | EA | Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI)<br>Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter. | 205.75 | |
| 28 46 13 31-0840 | EA | Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD) | 806.72 | |
| 28 46 13 31-0841 | EA | ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD) | 513.35 | |
| 28 46 13 31-0842 | EA | Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS) | 2,878.38 | 16.50 |
| **28 46 13 31-0843** | | **ONYX Cabinets** *(28 46 13 31-0805)* | | |
| 28 46 13 31-0844 | EA | Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R) | 545.12 | 13.75 |
| 28 46 13 31-0845 | EA | Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R) | 731.29 | 13.75 |
| 28 46 13 31-0846 | EA | Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R) | 903.36 | 13.75 |
| 28 46 13 31-0847 | EA | Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4) | 103.67 | 16.50 |
| 28 46 13 31-0848 | EA | Chassis Bridge (Notifier CB-1) | 93.70 | 13.75 |
| 28 46 13 31-0849 | EA | Four Position Chassis (Notifier CHS-4) | 153.93 | 13.75 |
| 28 46 13 31-0850 | EA | Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2) | 156.40 | 27.50 |
| 28 46 13 31-0851 | EA | Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B) | 92.17 | 16.50 |
| 28 46 13 31-0852 | EA | Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP) | 115.37 | 16.50 |
| 28 46 13 31-0853 | EA | One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4) | 275.01 | 27.50 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0854 | EA | One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B) | 181.33 | 27.50 |
| 28 46 13 31-0855 | EA | Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4) | 352.35 | 41.25 |
| 28 46 13 31-0856 | EA | Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B) | 227.74 | 41.25 |
| 28 46 13 31-0857 | EA | Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4) | 521.66 | 54.99 |
| 28 46 13 31-0858 | EA | Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B) | 331.73 | 54.99 |
| 28 46 13 31-0859 | EA | Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4) | 634.25 | 68.75 |
| 28 46 13 31-0860 | EA | Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B) | 388.45 | 68.75 |
| 28 46 13 31-0861 | EA | Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4) | 240.35 | 13.75 |
| 28 46 13 31-0862 | EA | Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B) | 167.13 | 13.75 |
| 28 46 13 31-0863 | EA | Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR) | 167.13 | 13.75 |
| 28 46 13 31-0864 | EA | Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R) | 244.61 | 13.75 |
| 28 46 13 31-0865 | EA | Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR) | 187.57 | 13.75 |
| 28 46 13 31-0866 | EA | Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R) | 308.47 | 13.75 |
| 28 46 13 31-0867 | EA | Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR) | 212.68 | 13.75 |
| 28 46 13 31-0868 | EA | Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R) | 366.36 | 13.75 |
| 28 46 13 31-0869 | EA | Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR) | 303.36 | 13.75 |
| 28 46 13 31-0870 | EA | Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R) | 540.90 | 13.75 |
| 28 46 13 31-0871 | EA | Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR) | 339.12 | 13.75 |
| 28 46 13 31-0872 | EA | Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R) | 646.48 | 13.75 |
| 28 46 13 31-0873 | EA | Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4) | 319.78 | 27.50 |
| 28 46 13 31-0874 | EA | Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4) | 466.22 | 27.50 |
| 28 46 13 31-0875 | EA | Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4) | 544.55 | 27.50 |
| 28 46 13 31-0876 | EA | Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4) | 334.25 | 27.50 |
| 28 46 13 31-0877 | EA | Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4) | 498.57 | 27.50 |
| 28 46 13 31-0878 | EA | Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4) | 580.31 | 27.50 |
| 28 46 13 31-0879 | EA | Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R) | 322.33 | 27.50 |
| 28 46 13 31-0880 | EA | Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R) | 466.22 | 27.50 |
| 28 46 13 31-0881 | EA | Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R) | 551.36 | 27.50 |
| 28 46 13 31-0882 | EA | Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R) | 349.58 | 27.50 |
| 28 46 13 31-0883 | EA | Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R) | 498.57 | 27.50 |
| 28 46 13 31-0884 | EA | Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R) | 580.31 | 27.50 |
| 28 46 13 31-0885 | EA | Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC) | 2,157.69 | 137.49 |
| 28 46 13 31-0886 | EA | CAB-4 Series Mounting Kit (Notifier P40-KITB)<br>Note: Includes chassis, hinged dress plate, and mounting hardware. | 301.05 | 27.50 |
| 28 46 13 31-0887 | EA | Black, One Tier Backbox Assembly (Notifier SBB-A4) | 311.09 | 82.49 |
| 28 46 13 31-0888 | EA | Black, Two Tier Backbox Assembly (Notifier SBB-B4) | 435.71 | 109.99 |
| 28 46 13 31-0889 | EA | Black, Three Tier Backbox Assembly (Notifier SBB-C4) | 551.73 | 109.99 |
| 28 46 13 31-0890 | EA | Black, Four Tier Backbox Assembly (Notifier SBB-D4) | 673.76 | 137.49 |
| 28 46 13 31-0891 | EA | Black, Mini, One Tier, Backbox (Notifier SBB-AA4) | 193.77 | 27.50 |
| 28 46 13 31-0892 | EA | Red, Mini, One Tier, Backbox (Notifier SBB-AA4R) | 193.77 | 27.50 |
| 28 46 13 31-0893 | EA | Red, One Tier Backbox Assembly (Notifier SBB-A4R) | 232.93 | 27.50 |
| 28 46 13 31-0894 | EA | Red, Two Tier Backbox Assembly (Notifier SBB-B4R) | 318.93 | 27.50 |
| 28 46 13 31-0895 | EA | Red, Three Tier Backbox Assembly (Notifier SBB-C4R) | 461.11 | 27.50 |
| 28 46 13 31-0896 | EA | Red, Four Tier Backbox Assembly (Notifier SBB-D4R) | 542.85 | 27.50 |
| 28 46 13 31-0897 | EA | Trim Ring For NFS-320 Cabinet (Notifier TR-320) | 182.42 | 16.50 |
| 28 46 13 31-0898 | EA | Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R) | 182.42 | 16.50 |
| 28 46 13 31-0899 | EA | Black, “AA” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4) | 243.30 | 16.50 |
| 28 46 13 31-0900 | EA | Black, “A” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4) | 193.92 | 16.50 |
| 28 46 13 31-0901 | EA | Black, “B” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4) | 195.19 | 16.50 |
| 28 46 13 31-0902 | EA | Black, “C” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4) | 193.07 | 16.50 |
| 28 46 13 31-0903 | EA | Black, “D” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4) | 197.75 | 16.50 |
| 28 46 13 31-0904 | EA | 2” Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B) | 75.06 | 16.50 |
| 28 46 13 31-0905 | EA | Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2) | 49.48 | 5.50 |
| **28 46 13 31-0906** | | **NFS2-3030/640 Cabinet Mechanicals** *(28 46 13 31-0805)* | | |
| 28 46 13 31-0907 | EA | Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640) | 95.74 | 16.50 |
| 28 46 13 31-0908 | EA | Blank Module Dress Plate (Notifier BM-1B) | 81.13 | 16.50 |
| 28 46 13 31-0909 | EA | Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4) | 90.58 | 16.50 |
| 28 46 13 31-0910 | EA | Four Position Expansion Chassis (Notifier CHS-4MB) | 236.10 | 13.75 |
| 28 46 13 31-0911 | EA | Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3) | 206.25 | 41.25 |
| 28 46 13 31-0912 | EA | Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2) | 99.18 | 16.50 |
| **28 46 13 31-0913** | | **NFS-3030/640 Cabinet Mechanicals** *(28 46 13 31-0805)* | | |
| 28 46 13 31-0914 | EA | Annunciator Dress Plate (Notifier ADP-4B) | 91.44 | 16.50 |
| 28 46 13 31-0915 | EA | Blank Module Dress Plate (Notifier BMP-1) | 61.36 | 16.50 |
| 28 46 13 31-0916 | EA | Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L) | 131.91 | 27.50 |
| 28 46 13 31-0917 | EA | Module Dress Plate (Notifier MP-1B) | 92.30 | 16.50 |
| **28 46 13 31-0918** | | **Battery Cabinets** *(28 46 13 31-0805)* | | |
| 28 46 13 31-0919 | EA | Six Position Chassis (Notifier CHS-6) | 91.34 | 27.50 |
| 28 46 13 31-0920 | EA | Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB) | 417.67 | 82.49 |
| **28 46 13 31-0921** | | **Digital Voice** *(28 46 13 31-0805)* | | |
| 28 46 13 31-0922 | EA | Chassis Used With BB-XP (Notifier 18439) | 49.21 | 13.75 |
| 28 46 13 31-0923 | EA | 220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E) | 1,349.87 | 41.25 |
| 28 46 13 31-0924 | EA | 220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E) | 1,312.86 | 41.25 |
| 28 46 13 31-0925 | EA | 220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E) | 676.44 | 41.25 |
| 28 46 13 31-0926 | EA | Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4) | 397.90 | 41.25 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-0927 | EA | Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4) | 538.85 | 54.99 |
| 28 46 13 31-0928 | EA | Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4) | 671.20 | 68.75 |
| 28 46 13 31-0929 | EA | Multimode Audio Fiber Link Receiver (Notifier AFL-RM) | 580.99 | 27.50 |
| 28 46 13 31-0930 | EA | Multimode Audio Fiber Link Transmitter (Notifier AFL-TM) | 580.99 | 27.50 |
| 28 46 13 31-0931 | EA | Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS) | 1,220.44 | 27.50 |
| 28 46 13 31-0932 | EA | 15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX) | 97.10 | 13.75 |
| 28 46 13 31-0933 | EA | Flush Mounted, Key Lock, Door (Notifier AFAWS-KR) | 160.32 | 13.75 |
| 28 46 13 31-0934 | EA | Surface Mounted, Key Lock, Door (Notifier AFAWS-KS) | 161.17 | 13.75 |
| 28 46 13 31-0935 | EA | Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR) | 156.06 | 13.75 |
| 28 46 13 31-0936 | EA | Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS) | 157.77 | 13.75 |
| 28 46 13 31-0937 | EA | Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA) | 316.13 | 13.75 |
| 28 46 13 31-0938 | EA | Coil Cord, Telephone Chassis (Notifier AFAWS-TELC) | 242.91 | 13.75 |
| 28 46 13 31-0939 | EA | Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B) | 99.55 | |
| 28 46 13 31-0940 | EA | For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V) | 355.30 | 27.50 |
| 28 46 13 31-0941 | EA | For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V) | 358.33 | 27.50 |
| 28 46 13 31-0942 | EA | Blank Dress Plate For CA-2 (Notifier BP-CA2) | 95.83 | 13.75 |
| 28 46 13 31-0943 | EA | One Tier Chassis For Digital Voice Command Panel (Notifier CA-1) | 116.87 | 27.50 |
| 28 46 13 31-0944 | EA | Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2) | 335.17 | 41.25 |
| 28 46 13 31-0945 | EA | Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM) | 192.49 | 27.50 |
| 28 46 13 31-0946 | EA | Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR) | 192.49 | 27.50 |
| 28 46 13 31-0947 | EA | Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1) | 240.35 | 13.75 |
| 28 46 13 31-0948 | EA | Chassis With Paging Microphone With Well (Notifier CMIC-1) | 237.80 | 13.75 |
| 28 46 13 31-0949 | EA | 120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025) | 1,290.86 | 27.50 |
| 28 46 13 31-0950 | EA | Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F) | 1,674.08 | 27.50 |
| 28 46 13 31-0951 | EA | Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF) | 1,674.08 | 27.50 |
| 28 46 13 31-0952 | EA | 120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070) | 1,332.12 | 27.50 |
| 28 46 13 31-0953 | EA | Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F) | 1,821.27 | 27.50 |
| 28 46 13 31-0954 | EA | 120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525) | 1,382.82 | 27.50 |
| 28 46 13 31-0955 | EA | Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF) | 2,189.24 | 27.50 |
| 28 46 13 31-0956 | EA | Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF) | 2,189.24 | 27.50 |
| 28 46 13 31-0957 | EA | 220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E) | 1,093.04 | 27.50 |
| 28 46 13 31-0958 | EA | 220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E) | 1,123.37 | 27.50 |
| 28 46 13 31-0959 | EA | 220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E) | 1,170.69 | 27.50 |
| 28 46 13 31-0960 | EA | 120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525) | 749.04 | 27.50 |
| 28 46 13 31-0961 | EA | 220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E) | 768.46 | 27.50 |
| 28 46 13 31-0962 | EA | 120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570) | 786.05 | 27.50 |
| 28 46 13 31-0963 | EA | 220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E) | 811.53 | 27.50 |
| 28 46 13 31-0964 | EA | 120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025) | 816.99 | 27.50 |
| 28 46 13 31-0965 | EA | 220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E) | 840.65 | 27.50 |
| 28 46 13 31-0966 | EA | 120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070) | 864.31 | 27.50 |
| 28 46 13 31-0967 | EA | 220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E) | 906.78 | 27.50 |
| 28 46 13 31-0968 | EA | Dress Plate For CFFT-1 (Notifier DP-CFFT) | 110.30 | 13.75 |
| 28 46 13 31-0969 | EA | Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1) | 87.14 | 16.50 |
| 28 46 13 31-0970 | EA | Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4) | 99.18 | 16.50 |
| 28 46 13 31-0971 | EA | Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B) | 163.63 | 16.50 |
| 28 46 13 31-0972 | EA | WPS Power Amplifier (Notifier DPA3204P) | 417.79 | 27.50 |
| 28 46 13 31-0973 | EA | WPS Power Amplifier (Notifier DPA4001P) | 355.30 | 27.50 |
| 28 46 13 31-0974 | EA | Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232) | 777.56 | 27.50 |
| 28 46 13 31-0975 | EA | 120 Volt AC,125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP)<br>Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V | 586.45 | 27.50 |
| 28 46 13 31-0976 | EA | 220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE)<br>Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V | 593.12 | 27.50 |
| 28 46 13 31-0977 | EA | Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB) | 975.34 | 27.50 |
| 28 46 13 31-0978 | EA | 125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA) | 391.70 | 27.50 |
| 28 46 13 31-0979 | EA | Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM) | 283.17 | 27.50 |
| 28 46 13 31-0980 | EA | Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM) | 283.17 | 27.50 |
| 28 46 13 31-0981 | EA | Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM) | 283.17 | 27.50 |
| 28 46 13 31-0982 | EA | Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V) | 125.87 | 27.50 |
| 28 46 13 31-0983 | EA | Analog Output Board For Digital Voice Command (Notifier DVC-AO) | 239.77 | 27.50 |
| 28 46 13 31-0984 | EA | Extended Memory For Digital Voice Command (Notifier DVC-EM) | 1,301.18 | 27.50 |
| 28 46 13 31-0985 | EA | Keypad For Digital Voice Command (Notifier DVC-KD) | 406.50 | 54.99 |
| 28 46 13 31-0986 | EA | Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE) | 219.60 | |
| 28 46 13 31-0987 | EA | Portable Fireman's Telephone Handset (Notifier FHS) | 132.33 | |
| 28 46 13 31-0988 | EA | Red, Fireman's Telephone Handset (Notifier FHS-F) | 153.19 | |
| 28 46 13 31-0989 | EA | Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R) | 387.04 | 27.50 |
| 28 46 13 31-0990 | EA | Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S) | 387.04 | 27.50 |
| 28 46 13 31-0991 | EA | Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ) | 64.35 | 8.25 |
| 28 46 13 31-0992 | EA | Paging Microphone Only (Notifier MIC-1) | 167.58 | 27.50 |
| 28 46 13 31-0993 | EA | Firefighter's Telephone Handset (Notifier TELH-1) | 151.06 | |
| 28 46 13 31-0994 | EA | Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1) | 389.31 | 27.50 |
| 28 46 13 31-0995 | EA | Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA) | 389.31 | 27.50 |

### 28 46 13 31-0996 Amplifiers *(28 46 13 31-0805)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-0997 | EA | 30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30) | 733.09 | 27.50 |
| 28 46 13 31-0998 | EA | 100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100) | 1,579.64 | 27.50 |
| 28 46 13 31-0999 | EA | 120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120) | 1,534.95 | 27.50 |
| 28 46 13 31-1000 | EA | Audio Coupling Transformer (Notifier ACT-1) | 126.32 | 27.50 |
| 28 46 13 31-1001 | EA | Audio Coupling Transformer For DVC-AO (Notifier ACT-4) | 145.23 | 27.50 |
| 28 46 13 31-1002 | EA | Audio Coupling Transformer For DAA-5025 (Notifier ACT-25) | 145.23 | 27.50 |
| 28 46 13 31-1003 | EA | Audio Coupling Transformer For DAA-5070 (Notifier ACT-70) | 145.23 | 27.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-1004** | | **FireVoice-25/50 Emergency Voice Evacuation Control Panels** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1005 | EA | 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50) | 4,492.65 | 549.96 |
| 28 46 13 31-1006 | EA | Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA) | 3,160.58 | 549.96 |
| 28 46 13 31-1007 | EA | Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS) | 4,117.32 | 549.96 |
| 28 46 13 31-1008 | EA | Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS) | 5,368.43 | 549.96 |
| 28 46 13 31-1009 | EA | Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST) | 5,942.47 | 549.96 |
| **28 46 13 31-1010** | | **System Printer** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1011 | EA | 80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6) | 1,569.32 | 27.50 |
| **28 46 13 31-1012** | | **Batteries** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1013 | EA | 5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP) | 498.57 | 27.50 |
| 28 46 13 31-1014 | EA | 7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP) | 348.92 | 27.50 |
| 28 46 13 31-1015 | EA | 12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP) | 453.77 | 27.50 |
| 28 46 13 31-1016 | EA | 18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP) | 271.57 | 27.50 |
| 28 46 13 31-1017 | EA | 26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP) | 372.98 | 27.50 |
| 28 46 13 31-1018 | EA | 55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550) | 372.12 | 27.50 |
| 28 46 13 31-1019 | EA | 100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000) | 582.51 | 27.50 |
| **28 46 13 31-1020** | | **Battery Backboxes And Miscellaneous Mechanicals** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1021 | EA | 14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17) | 141.49 | 21.99 |
| 28 46 13 31-1022 | EA | 24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25)<br>Note: XP6 modules require a CHS-6. | 233.01 | 21.99 |
| 28 46 13 31-1023 | EA | 15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Backbox (Notifier BB-26) | 355.78 | 109.99 |
| 28 46 13 31-1024 | EA | Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH) | 188.75 | 54.99 |
| 28 46 13 31-1025 | EA | Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1) | 101.15 | 13.75 |
| 28 46 13 31-1026 | EA | Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25) | 296.46 | 21.99 |
| 28 46 13 31-1027 | EA | Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB) | 187.04 | 21.99 |
| 28 46 13 31-1028 | EA | Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA) | 207.04 | 21.99 |
| 28 46 13 31-1029 | EA | Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB) | 220.24 | 21.99 |
| **28 46 13 31-1030** | | **Power Supplies And Chargers** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1031 | EA | 120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610) | 918.51 | 41.25 |
| 28 46 13 31-1032 | EA | 220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E) | 962.19 | 41.25 |
| 28 46 13 31-1033 | EA | Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24) | 1,111.24 | 27.50 |
| 28 46 13 31-1034 | EA | 6A Auxiliary Power Supply (Notifier APS-6R) | 898.39 | 27.50 |
| 28 46 13 31-1035 | EA | 10 Amperes Battery Charger (Notifier BC10A) | 894.74 | 41.25 |
| 28 46 13 31-1036 | EA | 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100)<br>Note: Holds four 55 ampere hour or two 100 ampere hour batteries | 494.26 | 33.00 |
| 28 46 13 31-1037 | EA | Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R)<br>Note: Holds four 55 ampere hour or two 100 ampere hour batteries | 500.22 | 33.00 |
| 28 46 13 31-1038 | EA | 30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200)<br>Note: Holds four 55 ampere hour or four 100 ampere hour batteries | 548.32 | 33.00 |
| 28 46 13 31-1039 | EA | 30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R) | 548.32 | 33.00 |
| 28 46 13 31-1040 | EA | 15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1) | 177.59 | 27.50 |
| 28 46 13 31-1041 | EA | 25 To 120 Ampere Hours Battery Charger (Notifier CHG-120) | 860.29 | 27.50 |
| 28 46 13 31-1042 | EA | Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS) | 80.29 | 13.75 |
| 28 46 13 31-1043 | EA | Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1) | 124.14 | 13.75 |
| 28 46 13 31-1044 | EA | 8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8) | 575.81 | 27.50 |
| 28 46 13 31-1045 | EA | 8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E) | 584.82 | 82.49 |
| 28 46 13 31-1046 | EA | Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R) | 562.37 | 82.49 |
| 28 46 13 31-1047 | EA | 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8) | 640.63 | 82.49 |
| 28 46 13 31-1048 | EA | 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E) | 635.78 | 82.49 |
| 28 46 13 31-1049 | EA | Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM) | 589.68 | 41.25 |
| 28 46 13 31-1050 | EA | Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME) | 589.68 | 41.25 |
| 28 46 13 31-1051 | EA | 12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12) | 723.76 | 41.25 |
| 28 46 13 31-1052 | EA | 12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E) | 692.82 | 41.25 |
| 28 46 13 31-1053 | EA | 12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM) | 734.08 | 82.49 |
| 28 46 13 31-1054 | EA | 12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME) | 734.08 | 82.49 |
| 28 46 13 31-1055 | EA | 6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6) | 551.45 | 82.49 |
| 28 46 13 31-1056 | EA | 6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E) | 551.45 | 82.49 |
| 28 46 13 31-1057 | EA | 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8) | 590.28 | 82.49 |
| 28 46 13 31-1058 | EA | 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E) | 590.28 | 82.49 |
| 28 46 13 31-1059 | EA | 6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA) | 486.54 | 82.49 |
| 28 46 13 31-1060 | EA | 9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA) | 562.37 | 82.49 |
| 28 46 13 31-1061 | EA | Class A Adapter HPFF8/HPFF12 (Notifier HPP31076) | 117.90 | 13.75 |
| 28 46 13 31-1062 | EA | Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A) | 1,306.10 | 27.50 |
| 28 46 13 31-1063 | EA | Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4) | 175.89 | 27.50 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-1064** | | **Network Control Annunciators** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1065 | EA | Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2) | 1,583.07 | 82.49 |
| 28 46 13 31-1066 | EA | Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO) | 68.24 | 16.50 |
| 28 46 13 31-1067 | EA | Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit) | 51.91 | 16.50 |
| **28 46 13 31-1068** | | **FIRSTVISION Firefighter's Display** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1069 | EA | ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD) | 12,513.14 | 549.96 |
| **28 46 13 31-1070** | | **FlashScan Addressable Modules** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1071 | EA | Intelligent Addressable Control Module (Notifier FCM-1) | 148.67 | 27.50 |
| 28 46 13 31-1072 | EA | Addressable Dual Monitor Module (Notifier FDM-1) | 164.14 | 27.50 |
| 28 46 13 31-1073 | EA | Intelligent Addressable Monitor Module (Notifier FMM-1) | 126.32 | 27.50 |
| 28 46 13 31-1074 | EA | Intelligent Addressable Miniature Monitor Module (Notifier FMM-101) | 114.29 | 27.50 |
| 28 46 13 31-1075 | EA | Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20) | 218.28 | 27.50 |
| 28 46 13 31-1076 | EA | Intelligent Addressable Relay Module (Notifier FRM-1) | 149.71 | 27.50 |
| 28 46 13 31-1077 | EA | Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1) | 183.05 | 27.50 |
| 28 46 13 31-1078 | EA | SLC Loop Powered Fault Isolator Module (Notifier ISO-X) | 124.60 | 27.50 |
| **28 46 13 31-1079** | | **Addressable Device Bases And Accessories** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1080 | EA | Intelligent Detector Base With Flange (Notifier B710LP) | 55.47 | 13.75 |
| 28 46 13 31-1081 | EA | Weatherproof Device Housing (Notifier DH400OE-1) | 356.65 | 27.50 |
| **28 46 13 31-1082** | | **XP6/XP10 Transponder** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1083 | EA | Synchronization Daughter Module For XP6-C (Notifier SYNC-1) | 113.86 | 27.50 |
| 28 46 13 31-1084 | EA | Six Circuit Supervised Control Module (Notifier XP6-C) | 505.34 | 27.50 |
| 28 46 13 31-1085 | EA | Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA) | 608.47 | 27.50 |
| 28 46 13 31-1086 | EA | Six Relay Control Module (Notifier XP6-R) | 486.43 | 27.50 |
| 28 46 13 31-1087 | EA | Ten Input Monitor Module (Notifier XP10-M) | 582.69 | 27.50 |
| **28 46 13 31-1088** | | **LCD Display Annunciators** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1089 | EA | 80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80) | 676.36 | 82.49 |
| 28 46 13 31-1090 | EA | 80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80) | 929.89 | 82.49 |
| 28 46 13 31-1091 | EA | 640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160) | 960.83 | 82.49 |
| 28 46 13 31-1092 | EA | 8 To 16 Switch Smoke Control Expander (Notifier SCE-8) | 705.47 | 27.50 |
| 28 46 13 31-1093 | EA | 8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L) | 377.67 | 27.50 |
| 28 46 13 31-1094 | EA | Eight Switch Smoke Control Master Module (Notifier SCS-8) | 911.51 | 27.50 |
| **28 46 13 31-1095** | | **ONYX ACM And AEM Series LED Annunciators** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1096 | EA | Remote, Eight Form C Relay Module (Notifier ACM-8R) | 407.47 | 27.50 |
| 28 46 13 31-1097 | EA | 16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT) | 664.33 | 27.50 |
| 28 46 13 31-1098 | EA | 16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT) | 512.21 | 27.50 |
| 28 46 13 31-1099 | EA | 24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT) | 664.33 | 27.50 |
| 28 46 13 31-1100 | EA | 24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT) | 512.21 | 27.50 |
| 28 46 13 31-1101 | EA | 32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A) | 512.21 | 27.50 |
| 28 46 13 31-1102 | EA | 32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A) | 460.65 | 27.50 |
| 28 46 13 31-1103 | EA | 48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A) | 512.21 | 27.50 |
| 28 46 13 31-1104 | EA | 48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A) | 460.65 | 27.50 |
| **28 46 13 31-1105** | | **Graphic Annunciator - Lamp Driver Modules** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1106 | EA | Single Annunciator Flush Mounted Backbox (Notifier ABF-1B) | 235.47 | 54.99 |
| 28 46 13 31-1107 | EA | Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB) | 253.52 | 54.99 |
| 28 46 13 31-1108 | EA | Two Annunciator Flush Mounted Backbox (Notifier ABF-2B) | 294.77 | 68.75 |
| 28 46 13 31-1109 | EA | Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB) | 317.97 | 68.75 |
| 28 46 13 31-1110 | EA | Four Annunciator Flush Mounted Backbox (Notifier ABF-4B) | 503.61 | 96.24 |
| 28 46 13 31-1111 | EA | Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1) | 89.29 | 16.50 |
| 28 46 13 31-1112 | EA | Single Annunciator Surface Mounted Backbox (Notifier ABS-1B) | 161.99 | 54.99 |
| 28 46 13 31-1113 | EA | Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB) | 181.23 | 13.75 |
| 28 46 13 31-1114 | EA | Two Annunciator Surface Mounted Backbox (Notifier ABS-2B) | 195.07 | 54.99 |
| 28 46 13 31-1115 | EA | 12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D) | 330.00 | 68.75 |
| 28 46 13 31-1116 | EA | Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR) | 343.43 | 13.75 |
| 28 46 13 31-1117 | EA | Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D) | 526.81 | 96.24 |
| 28 46 13 31-1118 | EA | Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR) | 581.65 | 16.50 |
| 28 46 13 31-1119 | EA | Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB) | 217.48 | 21.99 |
| 28 46 13 31-1120 | EA | Annunciator Key Switch (Notifier AKS-1B) | 89.08 | 8.25 |
| 28 46 13 31-1121 | EA | Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D) | 91.52 | 27.50 |
| 28 46 13 31-1122 | EA | 32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32) | 460.65 | 27.50 |
| 28 46 13 31-1123 | EA | 24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24) | 153.61 | 5.50 |
| 28 46 13 31-1124 | EA | 48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48) | 191.92 | 5.50 |
| 28 46 13 31-1125 | EA | 32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32) | 382.44 | 27.50 |
| 28 46 13 31-1126 | EA | Lamp Driver Module (Notifier LDM-R32) | 748.89 | 27.50 |
| 28 46 13 31-1127 | EA | Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L) | 695.25 | 27.50 |
| 28 46 13 31-1128 | EA | 48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48) | 197.03 | 5.50 |
| 28 46 13 31-1129 | EA | Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D) | 180.72 | 16.50 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1130 | EA | Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D) | 130.32 | 16.50 |
| 28 46 13 31-1131 | EA | Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR) | 130.32 | 16.50 |
| **28 46 13 31-1132** | | **Network Gateways** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1133 | EA | Common Alerting Protocol Gateway (Notifier CAP-GW) | 1,935.73 | 27.50 |
| 28 46 13 31-1134 | EA | Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF) | 1,445.52 | 27.50 |
| 28 46 13 31-1135 | EA | Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF) | 1,626.32 | 27.50 |
| 28 46 13 31-1136 | EA | Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF) | 1,790.12 | 27.50 |
| 28 46 13 31-1137 | EA | Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W) | 1,458.26 | 27.50 |
| 28 46 13 31-1138 | EA | Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF) | 1,419.44 | 27.50 |
| 28 46 13 31-1139 | EA | Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF) | 1,595.98 | 27.50 |
| 28 46 13 31-1140 | EA | Modbus Gateway (Notifier MODBUS-GW) | 1,589.92 | 27.50 |
| 28 46 13 31-1141 | EA | 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW) | 1,844.13 | 18.14 |
| 28 46 13 31-1142 | EA | Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS) | 2,729.90 | 18.14 |
| 28 46 13 31-1143 | EA | 1920x1080P Wide Screen (Notifier MON-42LCDW) | 8,596.59 | 18.14 |
| 28 46 13 31-1144 | EA | Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD) | 703.07 | 41.25 |
| 28 46 13 31-1145 | EA | Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD) | 1,302.49 | 41.25 |
| 28 46 13 31-1146 | EA | Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD) | 1,908.96 | 41.25 |
| 28 46 13 31-1147 | EA | Mass Notification Voice Paging (Notifier NOTIFY-IP) | 718.32 | |
| 28 46 13 31-1148 | EA | Embedded NFN Gateway (Notifier NFN-GW-EM) | 1,894.19 | 27.50 |
| 28 46 13 31-1149 | EA | NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F) | 1,894.19 | 27.50 |
| 28 46 13 31-1150 | EA | High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF) | 2,196.61 | 27.50 |
| 28 46 13 31-1151 | EA | High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF) | 2,554.55 | 27.50 |
| 28 46 13 31-1152 | EA | High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW) | 2,196.61 | 27.50 |
| 28 46 13 31-1153 | EA | NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W) | 1,894.19 | 27.50 |
| 28 46 13 31-1154 | EA | Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER) | 1,480.92 | |
| 28 46 13 31-1155 | EA | ONYXWorks Workstation (Notifier ONYXWORKS-WS) | 17,091.19 | 659.96 |
| 28 46 13 31-1156 | EA | Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW)<br>Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation. | 5,861.59 | |
| 28 46 13 31-1157 | EA | Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF)<br>Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation. | 5,861.59 | |
| 28 46 13 31-1158 | EA | Fiber Optics, Standard Network Repeater Board (Notifier RPT-F) | 685.95 | 27.50 |
| 28 46 13 31-1159 | EA | Wire, Standard Network Repeater Board (Notifier RPT-W) | 562.79 | 27.50 |
| 28 46 13 31-1160 | EA | Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF) | 665.32 | 27.50 |
| 28 46 13 31-1161 | EA | Signaling Line Circuit Integration Module (Notifier SLC-IM) | 739.94 | 27.50 |
| 28 46 13 31-1162 | EA | VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW) | 1,517.11 | 27.50 |
| 28 46 13 31-1163 | EA | Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS) | 2,537.29 | 27.50 |
| 28 46 13 31-1164 | EA | Windows 7 Hard Drive Upgrade (Notifier WIN7-UG-US-3) | 2,820.80 | |
| **28 46 13 31-1165** | | **NOTI-FIRE-NET Network Components** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1166 | EA | Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3) | 1,894.19 | 27.50 |
| 28 46 13 31-1167 | EA | Fiber Optic Network Communications Module (Notifier NCM-F) | 851.69 | 27.50 |
| 28 46 13 31-1168 | EA | NOTI-FIRE-NET Web Server (Notifier NWS) | 1,894.19 | 27.50 |
| 28 46 13 31-1169 | EA | Wired Network Communications Module (Notifier NCM-W) | 812.16 | 27.50 |
| 28 46 13 31-1170 | EA | Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit) | 118.76 | 13.75 |
| **28 46 13 31-1171** | | **FireWarden Addressable Fire Panels** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1172 | EA | 50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50) | 1,920.70 | 549.96 |
| 28 46 13 31-1173 | EA | Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100) | 2,225.80 | 549.96 |
| 28 46 13 31-1174 | EA | Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C) | 2,134.94 | 274.98 |
| 28 46 13 31-1175 | EA | Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E) | 2,134.94 | 274.98 |
| 28 46 13 31-1176 | EA | Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R) | 2,127.66 | 274.98 |
| **28 46 13 31-1177** | | **FireWarden Accessories** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1178 | EA | Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100) | 182.96 | 41.25 |
| 28 46 13 31-1179 | EA | Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T) | 174.44 | 41.25 |
| **28 46 13 31-1180** | | **FireWarden Devices** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1181 | EA | SLC Loop Powered Fault Isolator Module (Notifier N100-ISO) | 123.75 | 27.50 |
| 28 46 13 31-1182 | EA | Intelligent Addressable Control Module (Notifier NC-100) | 144.37 | 27.50 |
| 28 46 13 31-1183 | EA | Intelligent Addressable Relay Module (Notifier NC-100R) | 139.22 | 27.50 |
| 28 46 13 31-1184 | EA | Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100) | 419.55 | 41.25 |
| 28 46 13 31-1185 | EA | Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R) | 507.87 | 41.25 |
| 28 46 13 31-1186 | EA | Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100) | 139.22 | 27.50 |
| 28 46 13 31-1187 | EA | Intelligent Addressable Thermal Detector With Base (Notifier NH-100) | 149.53 | 41.25 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1188 | EA | Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H) | 149.53 | 41.25 |
| 28 46 13 31-1189 | EA | Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R) | 149.53 | 41.25 |
| 28 46 13 31-1190 | EA | Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100) | 194.22 | 41.25 |
| 28 46 13 31-1191 | EA | Intelligent Addressable Monitor Module (Notifier NMM-100) | 122.03 | 27.50 |
| 28 46 13 31-1192 | EA | Intelligent Addressable Mini Monitor Module (Notifier NMM-100P) | 112.14 | 27.50 |
| 28 46 13 31-1193 | EA | Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX) | 160.27 | 27.50 |
| 28 46 13 31-1194 | EA | Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100) | 155.54 | 41.25 |
| 28 46 13 31-1195 | EA | Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100) | 177.89 | 27.50 |
| 28 46 13 31-1196 | EA | Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6) | 594.72 | 27.50 |
| **28 46 13 31-1197** | | **SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1198 | EA | 120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402) | 1,309.66 | 439.97 |
| 28 46 13 31-1199 | EA | 120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404) | 1,420.53 | 439.97 |
| 28 46 13 31-1200 | EA | 240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E) | 922.47 | 137.49 |
| 28 46 13 31-1201 | EA | 240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E) | 1,018.93 | 137.49 |
| 28 46 13 31-1202 | EA | Class A Converter Module (Notifier CAC-4) | 338.51 | 27.50 |
| 28 46 13 31-1203 | EA | Internal Dress Plate, Required For FM And ULC (Notifier DP-4X) | 125.17 | 16.50 |
| 28 46 13 31-1204 | EA | Remote Zone Annunciator (Notifier RZA-4X) | 187.21 | 41.25 |
| **28 46 13 31-1205** | | **SFP-5UD 5 Zone Control Panels And Accessories** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1206 | EA | 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD) | 1,955.07 | 549.96 |
| 28 46 13 31-1207 | EA | 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC) | 3,793.70 | 412.47 |
| 28 46 13 31-1208 | EA | 240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE) | 2,503.28 | 274.98 |
| 28 46 13 31-1209 | EA | Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR) | 2,503.28 | 274.98 |
| 28 46 13 31-1210 | EA | Class A Converter Module (Notifier N-CAC-5X) | 350.43 | 27.50 |
| 28 46 13 31-1211 | EA | Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE) | 135.17 | 16.50 |
| **28 46 13 31-1212** | | **SFP-10UD 10 Zone Control Panels And Accessories** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1213 | EA | 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC) | 4,618.70 | 549.96 |
| 28 46 13 31-1214 | EA | 240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE) | 3,453.79 | 412.47 |
| 28 46 13 31-1215 | EA | 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD) | 2,195.72 | 549.96 |
| 28 46 13 31-1216 | EA | Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR) | 4,003.76 | 549.96 |
| 28 46 13 31-1217 | EA | Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC) | 532.83 | 82.49 |
| **28 46 13 31-1218** | | **Smoke Detectors** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1219 | EA | Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851) | 206.25 | 41.25 |
| 28 46 13 31-1220 | EA | Intelligent Addressable Laser Smoke Detector (Notifier FSL-751) | 331.73 | 41.25 |
| 28 46 13 31-1221 | EA | Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D) | 1,260.01 | 41.25 |
| 28 46 13 31-1222 | EA | Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing. | 165.08 | 41.25 |
| 28 46 13 31-1223 | EA | Filters For Harsh Detector (Notifier RF-FTX) | 20.22 | |
| 28 46 13 31-1224 | EA | Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY) | 126.11 | 27.50 |
| **28 46 13 31-1225** | | **Pull Stations** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1226 | EA | Trim Ring For NBG12 Series Pull Station (Notifier BG12TR) | 28.71 | 5.50 |
| 28 46 13 31-1227 | EA | One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2) | 78.27 | 13.75 |
| 28 46 13 31-1228 | EA | Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R) | 62.92 | 13.75 |
| 28 46 13 31-1229 | EA | Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1) | 103.65 | 27.50 |
| 28 46 13 31-1230 | EA | DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F) | 114.23 | 27.50 |
| 28 46 13 31-1231 | EA | Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS) | 155.83 | 27.50 |
| 28 46 13 31-1232 | EA | Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R) | 103.65 | 27.50 |
| 28 46 13 31-1233 | EA | Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS) | 119.16 | 27.50 |
| 28 46 13 31-1234 | EA | Standard "Local" Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL) | 119.16 | 27.50 |
| 28 46 13 31-1235 | EA | Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR) | 119.16 | 27.50 |
| 28 46 13 31-1236 | EA | Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1) | 112.82 | 27.50 |
| 28 46 13 31-1237 | EA | Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R) | 121.98 | 27.50 |
| 28 46 13 31-1238 | EA | Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL) | 561.06 | 33.00 |
| 28 46 13 31-1239 | EA | Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S) | 86.58 | 27.50 |
| 28 46 13 31-1240 | EA | Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12) | 90.24 | 27.50 |
| 28 46 13 31-1241 | EA | Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L) | 90.44 | 27.50 |
| 28 46 13 31-1242 | EA | Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB) | 190.62 | 33.00 |
| 28 46 13 31-1243 | EA | Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS) | 130.55 | 27.50 |
| 28 46 13 31-1244 | EA | Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR) | 111.18 | 27.50 |
| 28 46 13 31-1245 | EA | Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX) | 161.13 | 27.50 |
| 28 46 13 31-1246 | EA | Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE) | 57.54 | 5.50 |
| **28 46 13 31-1247** | | **Rate Compensation Heat Detectors** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1248 | EA | 135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135) | 158.12 | 41.25 |
| 28 46 13 31-1249 | EA | 194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194) | 158.12 | 41.25 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-1250** | | **FM Series Door Releases** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1251 | EA | 1/2" Door Holder Spacer (Notifier FM900-50) | 26.81 | 8.25 |
| 28 46 13 31-1252 | EA | 3/4" Door Holder Spacer (Notifier FM900-75) | 26.81 | 8.25 |
| 28 46 13 31-1253 | EA | 1" Door Holder Spacer (Notifier FM900-100) | 26.81 | 8.25 |
| 28 46 13 31-1254 | EA | Door Holder Extension Kit (Notifier FM900) | 28.10 | 8.25 |
| 28 46 13 31-1255 | EA | 90 Degree Door Holder Extension Kit (Notifier FM900-Z) | 28.53 | 8.25 |
| 28 46 13 31-1256 | EA | 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980) | 186.48 | 41.25 |
| 28 46 13 31-1257 | EA | 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996) | 165.00 | 41.25 |
| 28 46 13 31-1258 | EA | 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998) | 165.00 | 41.25 |
| **28 46 13 31-1259** | | **Multicriteria Fire Detector** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1260 | EA | Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851) | 274.06 | 41.25 |
| 28 46 13 31-1261 | EA | Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851)<br>Note: Detects fire, thermal, photo, CO and IR, with Flashscan. | 273.21 | 41.25 |
| **28 46 13 31-1262** | | **Modules** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1263 | EA | Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1) | 319.78 | 27.50 |
| 28 46 13 31-1264 | EA | Addressable Firephone Control Module (Notifier FTM-1) | 201.43 | 27.50 |
| **28 46 13 31-1265** | | **DH Series Door Releases** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1266 | EA | Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC) | 174.23 | 41.25 |
| 28 46 13 31-1267 | EA | Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB) | 184.66 | 41.25 |
| 28 46 13 31-1268 | EA | Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD) | 194.45 | 41.25 |
| 28 46 13 31-1269 | EA | Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC) | 191.90 | 41.25 |
| 28 46 13 31-1270 | EA | Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB) | 200.41 | 41.25 |
| 28 46 13 31-1271 | EA | Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD) | 207.65 | 41.25 |
| 28 46 13 31-1272 | EA | Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC) | 174.23 | 41.25 |
| 28 46 13 31-1273 | EA | Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB) | 183.38 | 41.25 |
| 28 46 13 31-1274 | EA | Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD) | 194.45 | 41.25 |
| 28 46 13 31-1275 | EA | Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1) | 217.86 | 41.25 |
| 28 46 13 31-1276 | EA | Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1) | 231.49 | 41.25 |
| 28 46 13 31-1277 | EA | Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1) | 247.24 | 41.25 |
| 28 46 13 31-1278 | EA | Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2) | 251.07 | 41.25 |
| 28 46 13 31-1279 | EA | Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2) | 267.25 | 41.25 |
| 28 46 13 31-1280 | EA | Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2) | 286.83 | 41.25 |
| 28 46 13 31-1281 | EA | .5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC) | 20.32 | 5.50 |
| 28 46 13 31-1282 | EA | .5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B) | 20.32 | 5.50 |
| 28 46 13 31-1283 | EA | .5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D) | 22.07 | 5.50 |
| 28 46 13 31-1284 | EA | 1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC) | 20.32 | 5.50 |
| 28 46 13 31-1285 | EA | 1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B) | 20.32 | 5.50 |
| 28 46 13 31-1286 | EA | 1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D) | 22.07 | 5.50 |
| 28 46 13 31-1287 | EA | 1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC) | 21.22 | 5.50 |
| 28 46 13 31-1288 | EA | 1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC) | 21.22 | 5.50 |
| 28 46 13 31-1289 | EA | 1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B) | 22.07 | 5.50 |
| 28 46 13 31-1290 | EA | 1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D) | 23.05 | 5.50 |
| 28 46 13 31-1291 | EA | 2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC) | 23.05 | 5.50 |
| 28 46 13 31-1292 | EA | 2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC) | 23.05 | 5.50 |
| 28 46 13 31-1293 | EA | 2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B) | 23.94 | 5.50 |
| 28 46 13 31-1294 | EA | 2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D) | 23.94 | 5.50 |
| 28 46 13 31-1295 | EA | 3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC) | 23.94 | 5.50 |
| 28 46 13 31-1296 | EA | 3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B) | 24.92 | 5.50 |
| 28 46 13 31-1297 | EA | 3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D) | 24.92 | 5.50 |
| 28 46 13 31-1298 | EA | 4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC) | 25.81 | 5.50 |
| 28 46 13 31-1299 | EA | 4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC) | 25.81 | 5.50 |
| 28 46 13 31-1300 | EA | 4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB) | 26.79 | 5.50 |
| 28 46 13 31-1301 | EA | 4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD) | 29.56 | 5.50 |
| 28 46 13 31-1302 | EA | 5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC) | 28.62 | 5.50 |
| 28 46 13 31-1303 | EA | 5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B) | 27.69 | 5.50 |
| 28 46 13 31-1304 | EA | 5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D) | 29.56 | 5.50 |
| 28 46 13 31-1305 | EA | Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC) | 28.55 | 8.25 |
| 28 46 13 31-1306 | EA | Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB) | 29.44 | 8.25 |
| 28 46 13 31-1307 | EA | Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD) | 32.29 | 8.25 |
| 28 46 13 31-1308 | EA | Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC) | 50.81 | 8.25 |
| 28 46 13 31-1309 | EA | Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB) | 53.54 | 8.25 |
| 28 46 13 31-1310 | EA | Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD) | 56.26 | 8.25 |
| 28 46 13 31-1311 | EA | Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC) | 48.79 | 13.75 |
| 28 46 13 31-1312 | EA | Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB) | 50.66 | 13.75 |
| 28 46 13 31-1313 | EA | Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD) | 54.40 | 13.75 |
| 28 46 13 31-1314 | EA | Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF) | 263.09 | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-1315** | | **First Command** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1316 | EA | Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100) | 4,733.70 | 687.45 |
| 28 46 13 31-1317 | EA | Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E) | 4,770.10 | 687.45 |
| 28 46 13 31-1318 | EA | Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA) | 1,105.15 | 54.99 |
| 28 46 13 31-1319 | EA | Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE) | 1,132.45 | 54.99 |
| 28 46 13 31-1320 | EA | Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA) | 1,955.12 | 54.99 |
| 28 46 13 31-1321 | EA | Black, , 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE) | 2,015.79 | 54.99 |
| 28 46 13 31-1322 | EA | 50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt) | 795.45 | 27.50 |
| 28 46 13 31-1323 | EA | 50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt) | 795.45 | 27.50 |
| 28 46 13 31-1324 | EA | Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4) | 398.96 | 27.50 |
| 28 46 13 31-1325 | EA | Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6) | 412.33 | 27.50 |
| 28 46 13 31-1326 | EA | Standalone Firefighter Telephone System (Notifier NFC-FFT)<br>Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black. | 1,466.74 | 54.99 |
| 28 46 13 31-1327 | EA | Local Operator Console (Notifier NFC-LOC)<br>Note: Includes built-in microphone, message and zone control switches, black. | 1,437.62 | 54.99 |
| 28 46 13 31-1328 | EA | Black, Remote Microphone (Notifier NFC-RM) | 399.28 | |
| 28 46 13 31-1329 | EA | Remote Page Unit (Notifier NFC-RPU)<br>Note: Includes built-in microphone, message control switches, black. | 1,228.31 | 54.99 |
| 28 46 13 31-1330 | EA | 70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V) | 304.45 | 27.50 |
| 28 46 13 31-1331 | EA | Firefighters Phone Jack (Notifier N-FPJ) | 137.83 | 8.25 |
| 28 46 13 31-1332 | EA | Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH) | 40.00 | 8.25 |
| 28 46 13 31-1333 | EA | Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B) | 126.02 | 16.50 |
| **28 46 13 31-1334** | | **LED Displays** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1335 | EA | 2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215) | 1,104.65 | 33.00 |
| 28 46 13 31-1336 | EA | Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW) | 1,550.72 | 44.00 |
| 28 46 13 31-1337 | EA | 4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT) | 1,568.31 | 44.00 |
| 28 46 13 31-1338 | EA | 8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8) | 1,507.64 | 44.00 |
| 28 46 13 31-1339 | EA | 16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16) | 2,096.13 | 44.00 |
| 28 46 13 31-1340 | EA | LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V) | 1,598.65 | 44.00 |
| **28 46 13 31-1341** | | **Control Relays** *(28 46 13 31-0805)* | | |
| 28 46 13 31-1342 | EA | Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR) | 63.86 | 13.75 |
| 28 46 13 31-1343 | EA | Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T) | 49.47 | 13.75 |
| 28 46 13 31-1344 | EA | Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR) | 172.06 | 27.50 |
| 28 46 13 31-1345 | EA | Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T) | 95.83 | 13.75 |
| 28 46 13 31-1346 | EA | Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T) | 113.49 | 13.75 |
| 28 46 13 31-1347 | EA | 24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C) | 176.74 | 27.50 |
| 28 46 13 31-1348 | EA | 120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C) | 176.74 | 27.50 |
| 28 46 13 31-1349 | EA | Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR) | 94.15 | 27.50 |
| 28 46 13 31-1350 | EA | Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T) | 53.21 | 13.75 |
| 28 46 13 31-1351 | EA | Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR) | 187.38 | 27.50 |
| 28 46 13 31-1352 | EA | 24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1) | 70.49 | 27.50 |
| 28 46 13 31-1353 | EA | 12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2) | 70.49 | 27.50 |
| 28 46 13 31-1354 | EA | 9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4) | 70.49 | 27.50 |
| **28 46 13 31-1355** | | **Gamewell-FCI Fire Control Instruments** *(28 46 13 31-0805)* | | |
| **28 46 13 31-1356** | | **7100 Series And NetSOLO®** *(28 46 13 31-1355)* | | |
| **28 46 13 31-1357** | | **7100 Compact Analog Addressable Fire Alarm Control Panels** *(28 46 13 31-1356)* | | |
| 28 46 13 31-1358 | EA | Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M) | 1,009.13 | 329.97 |
| 28 46 13 31-1359 | EA | Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2) | 4,340.65 | 549.96 |
| 28 46 13 31-1360 | EA | Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D) | 4,747.06 | 549.96 |
| 28 46 13 31-1361 | EA | Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E) | 4,340.65 | 549.96 |
| 28 46 13 31-1362 | EA | Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E) | 4,747.06 | 549.96 |
| 28 46 13 31-1363 | EA | Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1) | 1,362.12 | |
| 28 46 13 31-1364 | EA | Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D) | 1,634.02 | |
| 28 46 13 31-1365 | EA | Analog Loop Unit (Gamewell-FCI ALU) | 1,634.02 | 54.99 |
| **28 46 13 31-1366** | | **NetSOLO® Intelligent Network** *(28 46 13 31-1356)* | | |
| 28 46 13 31-1367 | EA | Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO)<br>Note: Mounted in 7100 panel. | 1,812.89 | 54.99 |
| 28 46 13 31-1368 | EA | Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP)<br>Note: Mounted in 7100 panel. | 1,439.40 | 54.99 |
| **28 46 13 31-1369** | | **Components And Accessories** *(28 46 13 31-1356)* | | |
| 28 46 13 31-1370 | EA | Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100) | 892.44 | 41.25 |
| 28 46 13 31-1371 | EA | Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100) | 676.67 | 54.99 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1372 | EA | Fiber Optic Line Driver Module (Gamewell-FCI FLD-1) | 1,244.78 | 54.99 |
| 28 46 13 31-1373 | EA | Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM) | 499.22 | 54.99 |
| 28 46 13 31-1374 | EA | Enclosure Box (Gamewell-FCI EN-7100) | 401.73 | 109.99 |
| 28 46 13 31-1375 | EA | Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2) | 1,302.83 | 27.50 |
| 28 46 13 31-1376 | | E3 Series® Basic System *(28 46 13 31-1355)* | | |
| 28 46 13 31-1377 | EA | Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3) | 1,193.69 | 54.99 |
| 28 46 13 31-1378 | EA | Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3) | 1,025.37 | 54.99 |
| 28 46 13 31-1379 | EA | Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3 ) | 1,193.69 | 54.99 |
| 28 46 13 31-1380 | EA | Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3) | 1,025.37 | 54.99 |
| 28 46 13 31-1381 | EA | LCD Keypad Display (Gamewell-FCI LCD-E3) | 759.90 | 54.99 |
| 28 46 13 31-1382 | EA | Power Supply Module (Gamewell-FCI PM-9) | 997.04 | 54.99 |
| 28 46 13 31-1383 | EA | Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX) | 838.22 | 54.99 |
| 28 46 13 31-1384 | EA | Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A) | 831.15 | 27.50 |
| 28 46 13 31-1385 | EA | Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3) | 474.69 | 54.99 |
| 28 46 13 31-1386 | EA | Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO) | 1,278.91 | 54.99 |
| 28 46 13 31-1387 | EA | Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP) | 1,070.83 | 54.99 |
| 28 46 13 31-1388 | EA | Local Operating Console (Gamewell-FCI 1100-0455) | 714.94 | 41.25 |
| 28 46 13 31-1389 | EA | Network Graphic Annunciator (Gamewell-FCI 1100-0505) | 2,311.63 | 41.25 |
| 28 46 13 31-1390 | EA | 70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70) | 914.43 | 54.99 |
| 28 46 13 31-1391 | EA | INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326) | 2,795.52 | 54.99 |
| 28 46 13 31-1392 | EA | 8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1) | 638.46 | 109.99 |
| 28 46 13 31-1393 | EA | C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC) | 467.82 | 109.99 |
| 28 46 13 31-1394 | EA | Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP) | 102.39 | 27.50 |
| 28 46 13 31-1395 | EA | Programmable Switch Module (Gamewell-FCI ASM-16) | 639.50 | 54.99 |
| 28 46 13 31-1396 | EA | LED Driver module (Gamewell-FCI ANU-48) | 639.50 | 54.99 |
| 28 46 13 31-1397 | EA | Network Graphic Annunciator (Gamewell-FCI NGA) | 1,936.38 | 41.25 |
| 28 46 13 31-1398 | | Addressable Devices, Module, Pulls And Accessories *(28 46 13 31-1355)* | | |
| 28 46 13 31-1399 | | Velociti® Series Sensors And Bases *(28 46 13 31-1398)* | | |
| 28 46 13 31-1400 | EA | Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F) | 199.83 | 41.25 |
| 28 46 13 31-1401 | EA | Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F) | 204.13 | 41.25 |
| 28 46 13 31-1402 | EA | Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F) | 217.00 | 41.25 |
| 28 46 13 31-1403 | EA | Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F) | 165.49 | 41.25 |
| 28 46 13 31-1404 | EA | Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F) | 172.64 | 41.25 |
| 28 46 13 31-1405 | EA | Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F) | 165.49 | 41.25 |
| 28 46 13 31-1406 | EA | Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F) | 247.06 | 41.25 |
| 28 46 13 31-1407 | EA | Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS) | 547.57 | 41.25 |
| 28 46 13 31-1408 | EA | Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF) | 459.47 | 68.75 |
| 28 46 13 31-1409 | EA | Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF) | 516.71 | 68.75 |
| 28 46 13 31-1410 | EA | Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB) | 247.68 | |
| 28 46 13 31-1411 | EA | Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF) | 50.40 | 13.75 |
| 28 46 13 31-1412 | EA | Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F) | 590.50 | 41.25 |
| 28 46 13 31-1413 | EA | Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF) | 116.94 | 13.75 |
| 28 46 13 31-1414 | EA | Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F) | 2,096.85 | 82.49 |
| 28 46 13 31-1415 | | Velociti® Series Modules And Pull Station *(28 46 13 31-1398)* | | |
| 28 46 13 31-1416 | EA | Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2F) | 145.86 | 27.50 |
| 28 46 13 31-1417 | EA | Dual Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2IF) | 236.73 | 27.50 |
| 28 46 13 31-1418 | EA | Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4F) | 160.17 | 27.50 |
| 28 46 13 31-1419 | EA | Subloop Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4SF) | 226.71 | 27.50 |
| 28 46 13 31-1420 | EA | Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF) | 188.79 | 27.50 |
| 28 46 13 31-1421 | EA | Addressable Output Supervised Module (Gamewell-FCI AOM-2SF) | 195.94 | 27.50 |
| 28 46 13 31-1422 | EA | Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF) | 272.41 | 54.99 |
| 28 46 13 31-1423 | EA | Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF) | 202.38 | 27.50 |
| 28 46 13 31-1424 | EA | Telephone Filters (Gamewell-FCI AOM-TEL-FL) | 32.47 | 5.50 |
| 28 46 13 31-1425 | | Components And Accessories *(28 46 13 31-1398)* | | |
| 28 46 13 31-1426 | EA | Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box. | 79.78 | 21.99 |
| 28 46 13 31-1427 | EA | Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5) | 39.88 | 11.00 |
| 28 46 13 31-1428 | EA | >2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3) | 42.74 | 11.00 |
| 28 46 13 31-1429 | EA | >4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5) | 51.11 | 13.75 |
| 28 46 13 31-1430 | EA | >8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10) | 83.09 | 16.50 |
| 28 46 13 31-1431 | EA | Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box. | 124.14 | 21.99 |
| 28 46 13 31-1432 | | Fixed And Rate of Rise Heat Detectors *(28 46 13 31-1398)* | | |
| 28 46 13 31-1433 | EA | 135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P) | 106.82 | 41.25 |
| 28 46 13 31-1434 | EA | 194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602) | 106.82 | 41.25 |
| 28 46 13 31-1435 | EA | 135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603) | 102.67 | 41.25 |
| 28 46 13 31-1436 | EA | 194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604) | 102.67 | 41.25 |
| 28 46 13 31-1437 | | NAC Expander/Power Supply *(28 46 13 31-1398)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1438 | EA | FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8) | 1,910.27 | 439.97 |
| 28 46 13 31-1439 | EA | 6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6) | 1,638.38 | 439.97 |
| 28 46 13 31-1440 | EA | 9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9) | 1,774.32 | 439.97 |
| **28 46 13 31-1441** | | **Batteries And Accessories** *(28 46 13 31-1355)* | | |
| 28 46 13 31-1442 | EA | B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A) | 301.12 | 27.50 |
| 28 46 13 31-1443 | EA | B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A) | 767.63 | 27.50 |
| 28 46 13 31-1444 | EA | B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A) | 158.02 | 27.50 |
| 28 46 13 31-1445 | EA | BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653) | 369.00 | 54.99 |
| 28 46 13 31-1446 | EA | BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654) | 369.00 | 54.99 |
| 28 46 13 31-1447 | EA | 12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970) | 327.50 | 54.99 |
| **28 46 13 31-1448** | | **Electronic Door Holders** *(28 46 13 31-1355)*<br>Note: Rixson products. | | |
| 28 46 13 31-1449 | EA | XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000) | 53.07 | 5.50 |
| 28 46 13 31-1450 | EA | FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000) | 425.93 | 41.25 |
| 28 46 13 31-1451 | EA | FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001) | 581.91 | 41.25 |
| 28 46 13 31-1452 | EA | FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002) | 270.52 | 41.25 |
| 28 46 13 31-1453 | EA | FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003) | 257.65 | 41.25 |
| 28 46 13 31-1454 | EA | FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004) | 270.52 | 41.25 |
| 28 46 13 31-1455 | EA | FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005) | 269.95 | 41.25 |
| **28 46 13 31-1456** | | **SpectrAlert® Advance Wall Mount 2-Wire Horn/Strobes** *(28 46 13 31-1355)*<br>See CSI section 28 46 13 31-1644 for devices. | | |
| **28 46 13 31-1457** | | **SpectrAlert® Advance Accessories** *(28 46 13 31-1355)*<br>See CSI section 28 46 13 31-1644 for backboxes, 28 46 13 31-1899 for backboxes. | | |
| **28 46 13 31-1458** | | **Fire Alarm Programming** *(28 46 13 31-1355)*<br>Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced. | | |
| 28 46 13 31-1459 | EA | Program And Test Up To 5 Fire Alarm Devices | 500.00 | |
| 28 46 13 31-1460 | EA | Program And Test >5 To 20 Fire Alarm Devices | 1,000.00 | |
| 28 46 13 31-1461 | EA | Program And Test >20 To 50 Fire Alarm Devices | 2,000.00 | |
| **28 46 13 31-1462** | | **Fire-Lite Fire Alarm** *(28 46 13 31-0804)* | | |
| **28 46 13 31-1463** | | **Addressable Control Panels** *(28 46 13 31-1462)* | | |
| 28 46 13 31-1464 | EA | 25 Point Intelligent Control (Fire Lite MS-25) | 1,923.62 | 549.96 |
| 28 46 13 31-1465 | EA | 50 Point Intelligent Control (Fire Lite MS-9050UD) | 2,124.03 | 549.96 |
| 28 46 13 31-1466 | EA | 198-Point Intelligent Control (Fire Lite MS-9200UDLS) | 2,982.87 | 549.96 |
| 28 46 13 31-1467 | EA | 636-Point Intelligent Control (Fire Lite MS-9600LS) | 4,411.70 | 549.96 |
| 28 46 13 31-1468 | EA | 636-Point Intelligent Control (Fire Lite MS-9600UDLS) | 4,220.48 | 549.96 |
| 28 46 13 31-1469 | EA | IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G) | 588.46 | |
| **28 46 13 31-1470** | | **Silent Knight Fire Alarm** *(28 46 13 31-0804)* | | |
| 28 46 13 31-1471 | EA | Supervised Control Module (Silent Knight SK-CONTROL) | 192.54 | 41.25 |
| 28 46 13 31-1472 | EA | Detector (Silent Knight IDP-PhotoR) | 257.16 | 41.25 |
| 28 46 13 31-1473 | EA | SLC Annunciator Driver Module (Silent Knight SD500-LED) | 770.60 | 82.49 |
| 28 46 13 31-1474 | EA | Monitoring Module (Silent Knight IDP) | 257.31 | 41.25 |
| 28 46 13 31-1475 | EA | Cabinet (Silent Knight SK-5207) | 348.85 | 82.49 |
| 28 46 13 31-1476 | EA | Innovair IDP-Product (Silent Knight Innovair IDP-Pduct) | 514.64 | 27.50 |
| 28 46 13 31-1477 | EA | I/O Input-Output Module (Silent Knight SK-2880) | 698.50 | 27.50 |
| 28 46 13 31-1478 | EA | Remote Annunciator (Silent Knight RA-2000) | 2,003.59 | 82.49 |
| 28 46 13 31-1479 | EA | Remote LCD Annunciator (Silent Knight SK-5860) | 651.97 | 82.49 |
| 28 46 13 31-1480 | EA | Power Supply (Silent Knight 5195/96) | 1,250.08 | 27.50 |
| 28 46 13 31-1481 | EA | 8 Zone Expander (Silent Knight SK-5210) | 974.29 | 27.50 |
| 28 46 13 31-1482 | EA | 10 Zone Expander (Silent Knight SK-5217) | 413.04 | 27.50 |
| 28 46 13 31-1483 | EA | Remote Annunciator (Silent Knight SK-5235) | 409.05 | 54.99 |
| 28 46 13 31-1484 | EA | LCD Remote Annunciator (Silent Knight SK-5230) | 387.99 | 54.99 |
| 28 46 13 31-1485 | EA | Digital Fire Communicator with Cabinet (Silent Knight SK-5104) | 622.83 | 82.49 |
| 28 46 13 31-1486 | EA | Ionization Smoke Detector (Silent Knight SK-ION) | 191.19 | 41.25 |
| 28 46 13 31-1487 | EA | Addressable Relay Module (Silent Knight SD500-ARM) | 192.54 | 41.25 |
| 28 46 13 31-1488 | EA | Addressable Relay Module (Silent Knight IDP-Relay) | 220.39 | 41.25 |
| 28 46 13 31-1489 | EA | Telephone Line Monitor (Silent Knight SK-7150) | 137.73 | 27.50 |
| 28 46 13 31-1490 | EA | Serial Driver Board (Silent Knight SK-2884) | 259.07 | 27.50 |
| 28 46 13 31-1491 | EA | Addressable Duct Detector Test Switch (Silent Knight SD505-DTS) | 178.85 | 41.25 |
| 28 46 13 31-1492 | EA | Smoke Detector Base (Silent Knight IDP-6AB) | 73.46 | 13.75 |
| 28 46 13 31-1493 | EA | Mini Input Module (Silent Knight IDP-MINIMON) | 192.89 | 27.50 |
| 28 46 13 31-1494 | EA | Status Display Module (Silent Knight SK-4180) | 716.89 | 27.50 |
| 28 46 13 31-1495 | EA | 8-Channel Digital Communicator (Silent Knight SK-1420) | 422.71 | 27.50 |
| 28 46 13 31-1496 | EA | Serial Parallel Module (Silent Knight SK-4824) | 385.94 | 27.50 |
| 28 46 13 31-1497 | EA | Addressable Heat Sensor (Silent Knight SD505-AHS) | 171.02 | 41.25 |
| 28 46 13 31-1498 | EA | Addressable Input Module (Silent Knight SD500-AIM) | 173.26 | 41.25 |
| 28 46 13 31-1499 | EA | Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS) | 174.36 | 41.25 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1500 | EA | Power Supply (Silent Knight SK-5197 / SK-5198) | 1,433.94 | 27.50 |
| 28 46 13 31-1501 | EA | 4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204) | 2,426.31 | 109.99 |
| 28 46 13 31-1502 | EA | LED Input/Output Module (Silent Knight / IntelliKnight 5880) | 500.78 | 41.25 |
| 28 46 13 31-1503 | EA | Intelligent Ionization Smoke Detector (Silent Knight IDP-ION) | 266.35 | 41.25 |
| 28 46 13 31-1504 | EA | Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo) | 220.39 | 41.25 |
| 28 46 13 31-1505 | EA | Analog Ionization Smoke Detector (Silent Knight SD505-AIS) | 186.89 | 41.25 |
| 28 46 13 31-1506 | EA | Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB) | 47.99 | 13.75 |
| 28 46 13 31-1507 | EA | Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB) | 47.99 | 13.75 |
| 28 46 13 31-1508 | EA | Addressable Mini Input Module (Silent Knight SD500-MIM) | 143.52 | 27.50 |
| 28 46 13 31-1509 | EA | Fire Slave Communicator Dialer (Silent Knight SK-5128) | 455.92 | 27.50 |
| 28 46 13 31-1510 | EA | 6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495) | 726.90 | 82.49 |
| 28 46 13 31-1511 | EA | Intelligent Power Module (with cabinet) (Silent Knight SK-5496) | 774.76 | 82.49 |
| 28 46 13 31-1512 | EA | Manual Pull Station (single action) (Silent Knight PS-SATK) | 96.77 | 27.50 |
| 28 46 13 31-1513 | EA | Manual Pull Station (dual action) (Silent Knight PS-DATK) | 105.11 | 27.50 |
| 28 46 13 31-1514 | EA | Manual Pull Station (dual action) (Silent Knight PS-DA) | 102.77 | 27.50 |
| 28 46 13 31-1515 | EA | Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808) | 1,569.16 | 109.99 |
| 28 46 13 31-1516 | EA | Remote LED Annunciator (Silent Knight 5865-3) | 611.53 | 54.99 |
| 28 46 13 31-1517 | EA | Remote LED Annunciator (Silent Knight 5865-4) | 694.39 | 54.99 |
| 28 46 13 31-1518 | EA | Serial/Parallel Printer Interface (Silent Knight 5824) | 427.78 | 27.50 |
| 28 46 13 31-1519 | EA | Relay Interface Board (Silent Knight 5883) | 297.19 | 27.50 |
| 28 46 13 31-1520 | EA | Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS) | 5,033.55 | 274.98 |
| 28 46 13 31-1521 | EA | Supervised Remote Command Unit (Silent Knight EVS-RCU) | 2,074.04 | 164.99 |
| 28 46 13 31-1522 | EA | 50 Watt Amplifier (Silent Knight EVS-50W) | 1,456.05 | 109.99 |
| 28 46 13 31-1523 | EA | 125 Watt Amplifier (Silent Knight EVS-125W) | 2,618.08 | 109.99 |
| 28 46 13 31-1524 | EA | Voice Evacuation System (Silent Knight SKE-450) | 2,502.91 | 109.99 |
| 28 46 13 31-1525 | EA | Fire Fighters Telephone (Silent Knight SK-FFT) | 2,071.00 | 109.99 |
| 28 46 13 31-1526 | EA | Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL) | 2,104.88 | 164.99 |
| 28 46 13 31-1527 | EA | Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700) | 1,191.88 | 109.99 |
| 28 46 13 31-1528 | EA | Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600) | 1,023.31 | 109.99 |
| 28 46 13 31-1529 | EA | Combination Fire And CO Detector (Silent Knight SK-FIRE-CO) | 324.69 | 41.25 |
| 28 46 13 31-1530 | EA | Photoelectric Detector (Silent Knight SK-PHOTO) | 179.99 | 41.25 |
| 28 46 13 31-1531 | EA | Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T) | 190.06 | 41.25 |
| 28 46 13 31-1532 | EA | Ionization Smoke Detector (Silent Knight SK-ION) | 191.19 | 41.25 |
| 28 46 13 31-1533 | EA | 135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT) | 165.16 | 41.25 |
| 28 46 13 31-1534 | EA | 190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT) | 174.36 | 41.25 |
| 28 46 13 31-1535 | EA | 135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR) | 177.75 | 41.25 |
| 28 46 13 31-1536 | EA | Sounder Base (Silent Knight B200SR) | 110.40 | 13.75 |
| 28 46 13 31-1537 | EA | Intelligent Sounder Base (Silent Knight B200S) | 117.13 | 13.75 |
| 28 46 13 31-1538 | EA | Isolator Base (Silent Knight B224BI) | 91.38 | 13.75 |
| 28 46 13 31-1539 | EA | Relay Base (Silent Knight B224RB) | 92.48 | 13.75 |
| 28 46 13 31-1540 | EA | Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE) | 194.71 | 41.25 |
| 28 46 13 31-1541 | EA | Photoelectric Duct Detector (Silent Knight SK-DUCT) | 320.47 | 41.25 |
| 28 46 13 31-1542 | EA | Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM) | 1,160.19 | 41.25 |
| 28 46 13 31-1543 | EA | Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T) | 1,326.77 | 41.25 |
| 28 46 13 31-1544 | EA | Dual Monitor Module (Silent Knight SK-MONITOR-2) | 233.55 | 41.25 |
| 28 46 13 31-1545 | EA | Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6) | 671.90 | 54.99 |
| 28 46 13 31-1546 | EA | Relay Control Module (Silent Knight SK-RELAY) | 167.21 | 27.50 |
| 28 46 13 31-1547 | EA | Six Relay Control Module (Silent Knight SK-RELAY-6) | 648.99 | 54.99 |
| 28 46 13 31-1548 | EA | Zone Interface Module (Silent Knight SK-ZONE) | 196.86 | 41.25 |
| 28 46 13 31-1549 | EA | Six Zone Interface Module (Silent Knight SK-ZONE-6) | 780.11 | 54.99 |
| 28 46 13 31-1550 | EA | Monitor Module (Silent Knight SK-MONITOR) | 167.64 | 41.25 |
| 28 46 13 31-1551 | EA | 10 Input Monitor Module (Silent Knight SK-MON-10) | 755.15 | 54.99 |
| 28 46 13 31-1552 | EA | Monitor Module (Silent Knight SK-MINIMON) | 155.34 | 41.25 |
| 28 46 13 31-1553 | EA | Fault Isolator Module (Silent Knight SK-ISO) | 174.36 | 41.25 |
| 28 46 13 31-1554 | EA | 6" Addressable Sounder Base (Silent Knight SD505-6SB) | 136.20 | 13.75 |
| 28 46 13 31-1555 | EA | 6" Addressable Relay Base (Silent Knight SD505-6RB) | 128.34 | 13.75 |
| 28 46 13 31-1556 | EA | 6" Isolator Base (Silent Knight SD505-6IB) | 116.03 | 13.75 |
| 28 46 13 31-1557 | EA | Addressable Notification Module (Silent Knight SD500-ANM) | 216.28 | 41.25 |
| 28 46 13 31-1558 | EA | Loop Isolation Module (Silent Knight SD500-LIM) | 181.09 | 41.25 |
| 28 46 13 31-1559 | EA | Single Action Addressable Pull Station (Silent Knight SD500-PS) | 186.63 | 27.50 |
| 28 46 13 31-1560 | EA | Dual Action Addressable Pull Station (Silent Knight SD500-PSDA) | 177.99 | 27.50 |
| 28 46 13 31-1561 | EA | Back Box (Silent Knight SK-PSSMBB) | 80.14 | 21.99 |
| 28 46 13 31-1562 | EA | Smoke Detector Module (Silent Knight SD500-SDM) | 203.33 | 41.25 |
| 28 46 13 31-1563 | EA | Addressable Duct Housing (Silent Knight SD505-DUCT) | 335.23 | 41.25 |
| 28 46 13 31-1564 | EA | Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR) | 438.42 | 41.25 |
| 28 46 13 31-1565 | EA | Intelligent Power Module (Silent Knight 5895XL) | 1,112.80 | 109.99 |
| 28 46 13 31-1566 | EA | Addressable Power Supply (Silent Knight 5496) | 774.76 | 82.49 |
| 28 46 13 31-1567 | EA | Addressable Pull Station (Silent Knight SK-Pull-DA/SA) | 177.99 | 27.50 |
| 28 46 13 31-1568 | EA | Communicator (Silent Knight IPGSM-4G) | 934.27 | 54.99 |
| 28 46 13 31-1569 | EA | Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208) | 1,472.51 | 109.99 |
| 28 46 13 31-1570 | EA | Status Display Module (Silent Knight 5280) | 116.63 | 27.50 |
| 28 46 13 31-1571 | EA | Serial/Parallel Module (Silent Knight 5824) | 482.78 | 54.99 |
| 28 46 13 31-1572 | EA | Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4) | 829.76 | 109.99 |
| 28 46 13 31-1573 | EA | Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E) | 846.41 | 109.99 |
| 28 46 13 31-1574 | EA | Dress Panel (Silent Knight SK-DP2/4) | 155.83 | 27.50 |
| 28 46 13 31-1575 | EA | Class A Convertor (Silent Knight SK-CAC4) | 411.05 | 41.25 |
| 28 46 13 31-1576 | EA | Transmitter Module (Silent Knight SK-4XTM | 214.13 | 41.25 |
| 28 46 13 31-1577 | EA | LED Interface Module (Silent Knight SK-4XLM | 196.86 | 41.25 |
| 28 46 13 31-1578 | EA | 110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24) | 203.88 | 27.50 |
| 28 46 13 31-1579 | EA | Remote Annunciator (Silent Knight SK-RZA4) | 196.86 | 41.25 |
| 28 46 13 31-1580 | EA | Zone Relay Module (Silent Knight SK-4XZM) | 211.96 | 41.25 |
| 28 46 13 31-1581 | EA | Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2) | 715.29 | 109.99 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1582 | EA | Remote Battery Box Accessory Cabinet (Silent Knight RBB) | 177.99 | 27.50 |
| 28 46 13 31-1583 | EA | Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH) | 91.34 | 27.50 |
| 28 46 13 31-1584 | EA | Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB) | 208.43 | 33.00 |
| 28 46 13 31-1585 | EA | 9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499) | 818.47 | 82.49 |
| **28 46 13 31-1586** | | **Alerton** *(28 46 13 31)* | | |
| 28 46 13 31-1587 | EA | UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100) | 460.94 | 8.25 |
| **28 46 13 31-1588** | | **Cooper Fire Alarm** *(28 46 13 31)* | | |
| 28 46 13 31-1589 | EA | Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R) | 159.71 | 27.50 |
| 28 46 13 31-1590 | EA | Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001) | 3,976.33 | 46.74 |
| 28 46 13 31-1591 | EA | Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002) | 5,245.69 | 46.74 |
| 28 46 13 31-1592 | EA | Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001) | 1,911.07 | 54.99 |
| 28 46 13 31-1593 | EA | Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002) | 1,922.35 | 54.99 |
| 28 46 13 31-1594 | EA | Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007) | 1,922.35 | 54.99 |
| 28 46 13 31-1595 | EA | Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001) | 1,423.07 | 54.99 |
| 28 46 13 31-1596 | EA | Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003) | 1,423.07 | 54.99 |
| 28 46 13 31-1597 | EA | Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004) | 1,423.07 | 54.99 |
| 28 46 13 31-1598 | EA | Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005) | 1,922.35 | 54.99 |
| 28 46 13 31-1599 | EA | Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006) | 1,922.35 | 54.99 |
| 28 46 13 31-1600 | EA | Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007) | 1,922.35 | 54.99 |
| 28 46 13 31-1601 | EA | Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008) | 1,922.35 | 54.99 |
| 28 46 13 31-1602 | EA | Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002) | 1,922.35 | 54.99 |
| 28 46 13 31-1603 | EA | Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001) | 2,214.31 | 54.99 |
| 28 46 13 31-1604 | EA | Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003) | 2,056.34 | 54.99 |
| 28 46 13 31-1605 | EA | Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005) | 2,056.34 | 54.99 |
| 28 46 13 31-1606 | EA | Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006) | 2,056.34 | 54.99 |
| **28 46 13 31-1607** | | **Light Engineered Displays Message Boards** *(28 46 13 31)* | | |
| 28 46 13 31-1608 | EA | Two Message Sign, “Announcement” And “Evacuate” (LED SP-2/MNS) | 823.15 | 33.00 |
| 28 46 13 31-1609 | EA | Four Message Sign, “Fire”, “Weather”, “Announcement”, “E Voltuate” (LED SP-4) | 725.69 | 33.00 |
| **28 46 13 31-1610** | | **STI Fire Alarm** *(28 46 13 31)* | | |
| 28 46 13 31-1611 | EA | Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100)<br>Note: Includes 9 Volt DC self contained battery. | 135.09 | 16.50 |
| 28 46 13 31-1612 | EA | Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130) | 147.00 | 16.50 |
| 28 46 13 31-1613 | EA | Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200) | 88.74 | 16.50 |
| 28 46 13 31-1614 | EA | Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D)<br>Note: For surface mounted horn strobes. | 89.46 | 16.50 |
| 28 46 13 31-1615 | EA | Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E) | 80.08 | 16.50 |
| 28 46 13 31-1616 | EA | Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D)<br>Note: For surface mounted strobe. | 89.46 | 16.50 |
| 28 46 13 31-1617 | EA | Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E) | 73.04 | 16.50 |
| 28 46 13 31-1618 | EA | NEMA 4X Rated Polycarbonate Dome Cover (STI-1229) | 165.03 | 16.50 |
| 28 46 13 31-1619 | EA | Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230)<br>Note: For surface mounted pull stations. | 111.64 | 16.50 |
| 28 46 13 31-1620 | EA | Backplate For Polycarbonate Cover (STI-1280) | 55.80 | 16.50 |
| 28 46 13 31-1621 | EA | Conduit Gasket For Polycarbonate Cover (STI-3003) | 41.66 | 16.50 |
| 28 46 13 31-1622 | EA | Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100) | 56.59 | 16.50 |
| 28 46 13 31-1623 | EA | Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150) | 124.27 | 16.50 |
| 28 46 13 31-1624 | EA | 8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A) | 103.71 | 16.50 |
| 28 46 13 31-1625 | EA | Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100) | 77.73 | 16.50 |
| 28 46 13 31-1626 | EA | Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601) | 73.76 | 16.50 |
| 28 46 13 31-1627 | EA | Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602) | 71.42 | 16.50 |
| 28 46 13 31-1628 | EA | Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604) | 73.76 | 16.50 |
| 28 46 13 31-1629 | EA | Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605) | 71.42 | 16.50 |
| 28 46 13 31-1630 | EA | Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609) | 73.76 | 16.50 |
| 28 46 13 31-1631 | EA | Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610) | 71.42 | 16.50 |
| 28 46 13 31-1632 | EA | Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625) | 135.81 | 16.50 |
| 28 46 13 31-1633 | EA | White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705) | 66.69 | 16.50 |
| 28 46 13 31-1634 | EA | Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R) | 93.65 | 16.50 |
| 28 46 13 31-1635 | EA | Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706) | 99.02 | 16.50 |
| 28 46 13 31-1636 | EA | Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707) | 99.02 | 16.50 |
| 28 46 13 31-1637 | EA | White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708) | 73.04 | 16.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1638 | EA | Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R) | 73.04 | 16.50 |
| 28 46 13 31-1639 | EA | White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711) | 66.69 | 16.50 |
| 28 46 13 31-1640 | EA | Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713) | 73.04 | 16.50 |
| 28 46 13 31-1641 | EA | White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714) | 73.04 | 16.50 |
| 28 46 13 31-1642 | EA | Yellow, “High Threat”, Push Button Station (STI SS-2201) | 113.46 | 8.25 |
| 28 46 13 31-1643 | EA | Gasket Kit For STI Covers (STI SUB-121) | 47.16 | |
| **28 46 13 31-1644** | | **System Sensor Fire Alarm** *(28 46 13 31)* | | |
| **28 46 13 31-1645** | | **Smoke Detectors** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1646 | EA | Beam Detector Heater Kit (System Sensor BEAMHK) | 48.89 | 5.50 |
| 28 46 13 31-1647 | EA | Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit. | 200.86 | 5.50 |
| 28 46 13 31-1648 | EA | Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK) | 258.14 | 54.99 |
| 28 46 13 31-1649 | EA | Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK) | 193.00 | 54.99 |
| 28 46 13 31-1650 | EA | Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK) | 159.80 | 54.99 |
| 28 46 13 31-1651 | EA | Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B) | 138.35 | 41.25 |
| 28 46 13 31-1652 | EA | Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B) | 144.43 | 41.25 |
| 28 46 13 31-1653 | EA | Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B) | 144.37 | 41.25 |
| 28 46 13 31-1654 | EA | Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B) | 140.29 | 41.25 |
| 28 46 13 31-1655 | EA | Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B) | 152.94 | 41.25 |
| 28 46 13 31-1656 | EA | Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B) | 147.38 | 41.25 |
| 28 46 13 31-1657 | EA | Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B) | 234.81 | 41.25 |
| 28 46 13 31-1658 | EA | Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151) | 136.79 | 27.50 |
| 28 46 13 31-1659 | EA | Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base. | 156.54 | 27.50 |
| 28 46 13 31-1660 | EA | Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK) | 233.54 | 13.75 |
| 28 46 13 31-1661 | EA | Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK) | 82.20 | 13.75 |
| **28 46 13 31-1662** | | **Duct Smoke Detectors** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1663 | EA | Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2) | 305.56 | 41.25 |
| 28 46 13 31-1664 | EA | Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120) | 303.01 | 41.25 |
| 28 46 13 31-1665 | EA | Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W) | 395.75 | 46.74 |
| 28 46 13 31-1666 | EA | Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S) | 199.73 | 27.50 |
| 28 46 13 31-1667 | EA | Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL) | 54.39 | 8.25 |
| 28 46 13 31-1668 | EA | Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR) | 170.86 | 21.99 |
| 28 46 13 31-1669 | EA | Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW) | 275.51 | 27.50 |
| 28 46 13 31-1670 | EA | 1’ Steel Sampling Tube (System Sensor DST1) | 32.97 | 11.00 |
| 28 46 13 31-1671 | EA | 1.5’ Steel Sampling Tube (System Sensor DST1.5) | 35.87 | 11.00 |
| 28 46 13 31-1672 | EA | 3’ Steel Sampling Tube (System Sensor DST3) | 40.25 | 11.00 |
| 28 46 13 31-1673 | EA | 5’ Steel Sampling Tube (System Sensor DST5) | 45.12 | 13.75 |
| 28 46 13 31-1674 | EA | 10’ Steel Sampling Tube (System Sensor DST10) | 75.49 | 16.50 |
| 28 46 13 31-1675 | EA | 1’, Steel, Exhaust Tube Duct (System Sensor ETX) | 37.06 | 11.00 |
| 28 46 13 31-1676 | EA | Remote Test Station For Duct Smoke Detector (System Sensor RTS151) | 81.99 | 13.75 |
| 28 46 13 31-1677 | EA | Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2) | 170.71 | |
| 28 46 13 31-1678 | EA | Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B) | 183.48 | |
| **28 46 13 31-1679** | | **Heat Detectors** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1680 | EA | Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P) | 100.54 | 41.25 |
| 28 46 13 31-1681 | EA | Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602) | 102.67 | 41.25 |
| 28 46 13 31-1682 | EA | Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621) | 117.82 | 41.25 |
| 28 46 13 31-1683 | EA | Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622) | 117.82 | 41.25 |
| **28 46 13 31-1684** | | **Horns** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1685 | EA | Red, Mini Horn (System Sensor MHR) | 109.52 | 41.25 |
| 28 46 13 31-1686 | EA | White, Mini Horn (System Sensor MHW) | 109.52 | 41.25 |
| 28 46 13 31-1687 | EA | White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL) | 110.84 | 41.25 |
| 28 46 13 31-1688 | EA | Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R) | 138.03 | 46.74 |
| 28 46 13 31-1689 | EA | Red, Interior, Wall Mounted, Horn (System Sensor HRL) | 110.84 | 41.25 |
| 28 46 13 31-1690 | EA | Red, Outdoor, Wall Mounted, Horn (System Sensor HRK) | 138.35 | 41.25 |
| **28 46 13 31-1691** | | **Wall Mounted Horns/Strobes** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1692 | EA | Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL) | 146.35 | 41.25 |
| 28 46 13 31-1693 | EA | Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH) | 198.14 | 41.25 |
| 28 46 13 31-1694 | EA | Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK) | 212.70 | 46.74 |
| 28 46 13 31-1695 | EA | Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P) | 208.01 | 46.74 |
| 28 46 13 31-1696 | EA | Outdoor Backbox, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120) | 217.17 | 46.74 |
| 28 46 13 31-1697 | EA | Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK) | 212.06 | 46.74 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1698 | EA | Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P) | 202.05 | 46.74 |
| 28 46 13 31-1699 | EA | Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R) | 175.93 | 41.25 |
| 28 46 13 31-1700 | EA | Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P) | 143.37 | 41.25 |
| 28 46 13 31-1701 | EA | White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL) | 146.35 | 41.25 |
| 28 46 13 31-1702 | EA | White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH) | 199.55 | 41.25 |
| 28 46 13 31-1703 | EA | Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK) | 206.31 | 46.74 |
| 28 46 13 31-1704 | EA | Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P) | 208.01 | 46.74 |
| 28 46 13 31-1705 | EA | Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P) | 198.14 | 41.25 |
| 28 46 13 31-1706 | EA | Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK) | 218.44 | 46.74 |
| 28 46 13 31-1707 | EA | Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P) | 202.05 | 46.74 |
| 28 46 13 31-1708 | EA | Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P) | 142.73 | 41.25 |
| 28 46 13 31-1709 | EA | Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL) | 173.17 | 41.25 |
| 28 46 13 31-1710 | EA | Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH) | 169.29 | 41.25 |
| 28 46 13 31-1711 | EA | Outdoor Backbox, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK) | 194.91 | 46.74 |
| 28 46 13 31-1712 | EA | Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R) | 197.80 | 46.74 |
| 28 46 13 31-1713 | EA | White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL) | 173.17 | 41.25 |
| 28 46 13 31-1714 | EA | Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK) | 251.46 | 46.74 |
| 28 46 13 31-1715 | EA | Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK) | 208.44 | 46.74 |

### 28 46 13 31-1716 Ceiling Mounted Horns/Strobes *(28 46 13 31-1644)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1717 | EA | Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL) | 148.47 | 41.25 |
| 28 46 13 31-1718 | EA | Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH) | 200.96 | 41.25 |
| 28 46 13 31-1719 | EA | Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK) | 206.31 | 46.74 |
| 28 46 13 31-1720 | EA | Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK) | 200.78 | 46.74 |
| 28 46 13 31-1721 | EA | Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P) | 191.09 | 41.25 |
| 28 46 13 31-1722 | EA | White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL) | 148.47 | 41.25 |
| 28 46 13 31-1723 | EA | White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH) | 200.96 | 41.25 |
| 28 46 13 31-1724 | EA | Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK) | 206.31 | 46.74 |
| 28 46 13 31-1725 | EA | Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P) | 200.96 | 41.25 |
| 28 46 13 31-1726 | EA | Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK) | 200.78 | 46.74 |
| 28 46 13 31-1727 | EA | Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P) | 189.68 | 41.25 |
| 28 46 13 31-1728 | EA | Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL) | 174.23 | 41.25 |
| 28 46 13 31-1729 | EA | Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH) | 169.29 | 41.25 |
| 28 46 13 31-1730 | EA | White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL) | 174.23 | 41.25 |

### 28 46 13 31-1731 Wall Mounted Strobes *(28 46 13 31-1644)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1732 | EA | White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW) | 65.73 | 13.75 |
| 28 46 13 31-1733 | EA | White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW) | 123.07 | 13.75 |
| 28 46 13 31-1734 | EA | Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL) | 133.36 | 41.25 |
| 28 46 13 31-1735 | EA | Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH) | 146.95 | 41.25 |
| 28 46 13 31-1736 | EA | Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK) | 176.87 | 46.74 |
| 28 46 13 31-1737 | EA | Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK) | 175.15 | 46.74 |
| 28 46 13 31-1738 | EA | Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P) | 186.73 | 46.74 |
| 28 46 13 31-1739 | EA | Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R) | 165.87 | 46.74 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1740 | EA | Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P) | 132.30 | 41.25 |
| 28 46 13 31-1741 | EA | White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL) | 132.94 | 41.25 |
| 28 46 13 31-1742 | EA | White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT) | 142.94 | 41.25 |
| 28 46 13 31-1743 | EA | White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT) | 179.81 | 41.25 |
| 28 46 13 31-1744 | EA | White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH) | 188.27 | 41.25 |
| 28 46 13 31-1745 | EA | White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT) | 186.86 | 41.25 |
| 28 46 13 31-1746 | EA | White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P) | 186.86 | 41.25 |
| 28 46 13 31-1747 | EA | Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P) | 189.28 | 46.74 |
| 28 46 13 31-1748 | EA | White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK) | 187.37 | 46.74 |
| 28 46 13 31-1749 | EA | White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P) | 188.86 | 46.74 |
| 28 46 13 31-1750 | EA | Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R) | 202.10 | 46.74 |
| 28 46 13 31-1751 | EA | White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK) | 185.67 | 46.74 |
| 28 46 13 31-1752 | EA | White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P) | 186.52 | 46.74 |
| 28 46 13 31-1753 | EA | White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P) | 132.08 | 41.25 |
| 28 46 13 31-1754 | EA | Amber, Wall Strobe Lens Attachment (System Sensor LENS-A) | 22.71 | 5.50 |
| 28 46 13 31-1755 | EA | Blue, Wall Strobe Lens Attachment (System Sensor LENS-B) | 22.71 | 5.50 |
| 28 46 13 31-1756 | EA | Green, Wall Strobe Lens Attachment (System Sensor LENS-G) | 22.71 | 5.50 |
| 28 46 13 31-1757 | EA | Red, Wall Strobe Lens Attachment (System Sensor LENS-R) | 22.71 | 5.50 |
| **28 46 13 31-1758** | | **Ceiling Mounted Strobes** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1759 | EA | Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL) | 135.70 | 41.25 |
| 28 46 13 31-1760 | EA | Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH) | 148.67 | 41.25 |
| 28 46 13 31-1761 | EA | Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK) | 176.87 | 46.74 |
| 28 46 13 31-1762 | EA | Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK) | 176.87 | 46.74 |
| 28 46 13 31-1763 | EA | White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL) | 135.70 | 41.25 |
| 28 46 13 31-1764 | EA | Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT) | 144.22 | 41.25 |
| 28 46 13 31-1765 | EA | White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH) | 191.09 | 41.25 |
| 28 46 13 31-1766 | EA | Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK) | 187.37 | 46.74 |
| 28 46 13 31-1767 | EA | Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK) | 185.67 | 46.74 |
| 28 46 13 31-1768 | EA | Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P) | 169.93 | 41.25 |
| 28 46 13 31-1769 | EA | Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC) | 22.71 | 5.50 |
| 28 46 13 31-1770 | EA | Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC) | 22.71 | 5.50 |
| 28 46 13 31-1771 | EA | Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC) | 22.71 | 5.50 |
| 28 46 13 31-1772 | EA | Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC) | 22.71 | 5.50 |
| **28 46 13 31-1773** | | **Wall Mounted Speakers** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1774 | EA | 24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V) | 330.25 | 41.25 |
| 28 46 13 31-1775 | EA | Red, Wall Mounted Speaker (System Sensor SPRL) | 116.12 | 41.25 |
| 28 46 13 31-1776 | EA | Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK) | 178.27 | 41.25 |
| 28 46 13 31-1777 | EA | Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R) | 152.25 | 46.74 |
| 28 46 13 31-1778 | EA | Red, High dB, Wall Mounted Speaker (System Sensor SPRV) | 125.46 | 41.25 |
| 28 46 13 31-1779 | EA | White, Wall Mounted Speaker (System Sensor SPWL) | 116.12 | 41.25 |
| 28 46 13 31-1780 | EA | White, Outdoor, Wall Mounted Speaker (System Sensor SPWK) | 188.43 | 46.74 |
| 28 46 13 31-1781 | EA | White, High dB, Wall Mounted Speaker (System Sensor SPWV) | 129.23 | 41.25 |
| **28 46 13 31-1782** | | **Ceiling Mounted Speakers** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1783 | EA | Red, Ceiling Mounted Speaker (System Sensor SPCRL) | 113.78 | 41.25 |
| 28 46 13 31-1784 | EA | Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK) | 160.27 | 41.25 |
| 28 46 13 31-1785 | EA | Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV) | 125.46 | 41.25 |
| 28 46 13 31-1786 | EA | White, Ceiling Mounted Speaker (System Sensor SPCWL) | 115.70 | 41.25 |
| 28 46 13 31-1787 | EA | White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV) | 153.01 | 41.25 |
| 28 46 13 31-1788 | EA | White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK) | 189.28 | 46.74 |
| **28 46 13 31-1789** | | **Wall Mounted Speakers/Strobes** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1790 | EA | White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL) | 121.58 | 13.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1791 | EA | White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSWL) | 63.17 | 13.75 |
| 28 46 13 31-1792 | EA | Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL) | 180.40 | 41.25 |
| 28 46 13 31-1793 | EA | Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH) | 179.61 | 41.25 |
| 28 46 13 31-1794 | EA | Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK) | 234.45 | 46.74 |
| 28 46 13 31-1795 | EA | Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P) | 254.84 | 46.74 |
| 28 46 13 31-1796 | EA | Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R) | 219.51 | 46.74 |
| 28 46 13 31-1797 | EA | Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P) | 178.49 | 41.25 |
| 28 46 13 31-1798 | EA | Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV) | 174.45 | 41.25 |
| 28 46 13 31-1799 | EA | White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT) | 181.25 | 41.25 |
| 28 46 13 31-1800 | EA | White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT) | 257.82 | 46.74 |
| 28 46 13 31-1801 | EA | White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL) | 180.40 | 41.25 |
| 28 46 13 31-1802 | EA | White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH) | 241.87 | 41.25 |
| 28 46 13 31-1803 | EA | White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P) | 241.87 | 41.25 |
| 28 46 13 31-1804 | EA | White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK) | 266.34 | 46.74 |
| 28 46 13 31-1805 | EA | White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P) | 253.99 | 46.74 |
| 28 46 13 31-1806 | EA | White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P) | 177.64 | 41.25 |
| 28 46 13 31-1807 | EA | White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV) | 233.40 | 41.25 |
| 28 46 13 31-1808 | EA | White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P) | 233.40 | 41.25 |

### 28 46 13 31-1809 Ceiling Mounted Speakers/Strobes *(28 46 13 31-1644)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1810 | EA | Red, Selectable Candela ( 15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL) | 168.91 | 41.25 |
| 28 46 13 31-1811 | EA | Red, Selectable Candela ( 135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH) | 181.33 | 41.25 |
| 28 46 13 31-1812 | EA | Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV) | 174.45 | 41.25 |
| 28 46 13 31-1813 | EA | White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL) | 168.91 | 41.25 |
| 28 46 13 31-1814 | EA | White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT) | 179.55 | 41.25 |
| 28 46 13 31-1815 | EA | White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH) | 241.87 | 41.25 |
| 28 46 13 31-1816 | EA | White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK) | 267.61 | 46.74 |
| 28 46 13 31-1817 | EA | White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P) | 241.87 | 41.25 |
| 28 46 13 31-1818 | EA | White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT) | 258.25 | 46.74 |
| 28 46 13 31-1819 | EA | White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK) | 266.34 | 46.74 |
| 28 46 13 31-1820 | EA | White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P) | 168.91 | 41.25 |
| 28 46 13 31-1821 | EA | White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV) | 233.40 | 41.25 |
| 28 46 13 31-1822 | EA | White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH) | 241.87 | 41.25 |
| 28 46 13 31-1823 | EA | White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P) | 233.40 | 41.25 |
| 28 46 13 31-1824 | EA | High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH) | 241.45 | 41.25 |

### 28 46 13 31-1825 Electric Alarm Bells *(28 46 13 31-1644)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1826 | EA | 6" 24 Volt DC Alarm Bell (System Sensor SSM24-6) | 141.02 | 41.25 |
| 28 46 13 31-1827 | EA | 8" 24 Volt DC Alarm Bell (System Sensor SSM24-8) | 151.45 | 41.25 |
| 28 46 13 31-1828 | EA | 10" 24 Volt DC Alarm Bell (System Sensor SSM24-10) | 162.95 | 41.25 |

### 28 46 13 31-1829 Device Bases *(28 46 13 31-1644)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1830 | EA | High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S) | 104.34 | 13.75 |
| 28 46 13 31-1831 | EA | Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR) | 101.15 | 13.75 |
| 28 46 13 31-1832 | EA | Intelligent Isolator Base (System Sensor B224BI) | 83.91 | 13.75 |
| 28 46 13 31-1833 | EA | Intelligent Relay Base (System Sensor B224RB) | 84.76 | 13.75 |
| 28 46 13 31-1834 | EA | Flangeless, Intelligent Detector Base (System Sensor B501) | 54.06 | 13.75 |

### 28 46 13 31-1835 Boxes, Plates And Decals *(28 46 13 31-1644)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1836 | EA | Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP) | 50.77 | 13.75 |
| 28 46 13 31-1837 | EA | Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP) | 101.40 | 16.50 |
| 28 46 13 31-1838 | EA | 120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K) | 48.96 | 13.75 |
| 28 46 13 31-1839 | EA | Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB) | 72.03 | 13.75 |
| 28 46 13 31-1840 | EA | White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW) | 78.16 | 13.75 |
| 28 46 13 31-1841 | EA | White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW) | 72.03 | 13.75 |
| 28 46 13 31-1842 | EA | Red Retrofit Plate (System Sensor RFP) | 33.70 | 8.25 |
| 28 46 13 31-1843 | EA | White Retrofit Plate (System Sensor RFPW) | 33.44 | 8.25 |
| 28 46 13 31-1844 | EA | Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB) | 61.39 | 13.75 |
| 28 46 13 31-1845 | EA | Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC) | 68.71 | 13.75 |
| 28 46 13 31-1846 | EA | Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCRL) | 49.47 | 13.75 |
| 28 46 13 31-1847 | EA | White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCWL) | 49.47 | 13.75 |
| 28 46 13 31-1848 | EA | Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBRL) | 43.25 | 13.75 |
| 28 46 13 31-1849 | EA | Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPRL) | 47.93 | 13.75 |
| 28 46 13 31-1850 | EA | White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPWL) | 47.93 | 13.75 |
| 28 46 13 31-1851 | EA | White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBWL) | 43.25 | 13.75 |
| 28 46 13 31-1852 | EA | Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500) | 50.07 | 13.75 |
| 28 46 13 31-1853 | EA | Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600) | 43.46 | 13.75 |
| 28 46 13 31-1854 | EA | Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS) | 15.87 | 5.50 |
| 28 46 13 31-1855 | EA | Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R) | 22.88 | |
| 28 46 13 31-1856 | EA | Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC) | 31.63 | |
| 28 46 13 31-1857 | EA | White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W) | 22.88 | |
| 28 46 13 31-1858 | EA | White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC) | 31.63 | |
| **28 46 13 31-1859** | | **Chimes** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1860 | EA | Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL) | 121.01 | 41.25 |
| 28 46 13 31-1861 | EA | White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL) | 136.55 | 41.25 |
| **28 46 13 31-1862** | | **Chime/Strobes** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1863 | EA | Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL) | 193.17 | 41.25 |
| 28 46 13 31-1864 | EA | White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL) | 193.17 | 41.25 |
| **28 46 13 31-1865** | | **Carbon Monoxide Detectors** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1866 | EA | Conventional Carbon Monoxide Detector (System Sensor CO1224) | 218.71 | 54.99 |
| 28 46 13 31-1867 | EA | Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR) | 191.47 | 41.25 |
| 28 46 13 31-1868 | EA | CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE) | 16.14 | 5.50 |
| **28 46 13 31-1869** | | **Switches** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1870 | EA | SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1) | 170.01 | 21.99 |
| 28 46 13 31-1871 | EA | Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2) | 189.17 | 21.99 |
| 28 46 13 31-1872 | EA | SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1) | 170.01 | 21.99 |
| 28 46 13 31-1873 | EA | Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2) | 189.17 | 21.99 |
| 28 46 13 31-1874 | EA | Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2) | 176.82 | 21.99 |
| 28 46 13 31-1875 | EA | Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2) | 165.75 | 21.99 |
| **28 46 13 31-1876** | | **Low Frequency Sounders** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1877 | EA | Red, Low Frequency Sounder (System Sensor HR-LF) | 192.50 | 41.25 |
| 28 46 13 31-1878 | EA | White, Low Frequency Sounder (System Sensor HW-LF) | 192.50 | 41.25 |
| **28 46 13 31-1879** | | **Sync Modules** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1880 | EA | Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R) | 138.00 | 27.50 |
| 28 46 13 31-1881 | EA | White, 12/24 Volt DC, Sync Module (System Sensor MDL3W) | 135.87 | 27.50 |
| **28 46 13 31-1882** | | **Relays** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1883 | EA | Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E) | 79.93 | 21.99 |
| 28 46 13 31-1884 | EA | SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T) | 51.42 | 13.75 |
| 28 46 13 31-1885 | EA | 4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E) | 142.44 | 13.75 |
| 28 46 13 31-1886 | EA | 4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T) | 105.83 | 13.75 |
| 28 46 13 31-1887 | EA | Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E) | 85.63 | 21.99 |
| 28 46 13 31-1888 | EA | DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T) | 52.96 | 13.75 |
| 28 46 13 31-1889 | EA | 4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E) | 159.89 | 13.75 |
| 28 46 13 31-1890 | EA | 4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T) | 120.52 | 13.75 |
| 28 46 13 31-1891 | EA | 18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1) | 45.21 | 13.75 |
| 28 46 13 31-1892 | EA | 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2) | 45.21 | 13.75 |
| 28 46 13 31-1893 | EA | Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3) | 45.21 | 13.75 |
| **28 46 13 31-1894** | | **Remote Annunciator** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1895 | EA | Remote Annunciator (System Sensor RA100Z) | 109.31 | 41.25 |
| 28 46 13 31-1896 | EA | Remote LED Annunciator (System Sensor RA100ZA) | 109.84 | 41.25 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **28 46 13 31-1897** | | **Remote Test Station** *(28 46 13 31-1644)* | | |
| 28 46 13 31-1898 | EA | Remote Test Station With Key (System Sensor RTS151KEY) | 164.65 | 41.25 |
| **28 46 13 31-1899** | | **Wheelock Fire Alarm** *(28 46 13 31)* | | |
| **28 46 13 31-1900** | | **Ceiling Mounted Chimes/Strobes** *(28 46 13 31-1899)* | | |
| 28 46 13 31-1901 | EA | White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW) | 235.40 | 41.25 |
| **28 46 13 31-1902** | | **Wall Mounted Chimes/Strobes** *(28 46 13 31-1899)* | | |
| 28 46 13 31-1903 | EA | Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR) | 235.40 | 41.25 |
| 28 46 13 31-1904 | EA | White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW) | 235.40 | 41.25 |
| **28 46 13 31-1905** | | **Ceiling Mounted Horns/Strobes** *(28 46 13 31-1899)* | | |
| 28 46 13 31-1906 | EA | Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC) | 152.80 | 41.25 |
| 28 46 13 31-1907 | EA | White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC) | 160.39 | 41.25 |
| **28 46 13 31-1908** | | **Wall Mounted Horns/Strobes** *(28 46 13 31-1899)* | | |
| 28 46 13 31-1909 | EA | Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR) | 156.06 | 41.25 |
| 28 46 13 31-1910 | EA | Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR) | 243.28 | 41.25 |
| 28 46 13 31-1911 | EA | Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR) | 190.19 | 41.25 |
| 28 46 13 31-1912 | EA | White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW) | 190.19 | 41.25 |
| 28 46 13 31-1913 | EA | Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR) | 230.58 | 41.25 |
| 28 46 13 31-1914 | EA | Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR) | 174.70 | 41.25 |
| 28 46 13 31-1915 | EA | Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR) | 172.78 | 41.25 |
| 28 46 13 31-1916 | EA | Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR) | 190.70 | 46.74 |
| 28 46 13 31-1917 | EA | Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR) | 155.29 | 41.25 |
| 28 46 13 31-1918 | EA | White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW) | 155.29 | 41.25 |
| **28 46 13 31-1919** | | **Ceiling Mounted Strobes** *(28 46 13 31-1899)* | | |
| 28 46 13 31-1920 | EA | Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR) | 145.88 | 41.25 |
| 28 46 13 31-1921 | EA | White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW) | 145.88 | 41.25 |
| 28 46 13 31-1922 | EA | Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC) | 146.35 | 41.25 |
| 28 46 13 31-1923 | EA | White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC) | 140.12 | 41.25 |
| **28 46 13 31-1924** | | **Wall Mounted Strobes** *(28 46 13 31-1899)* | | |
| 28 46 13 31-1925 | EA | Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR) | 221.18 | 41.25 |
| 28 46 13 31-1926 | EA | Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR) | 177.77 | 41.25 |
| 28 46 13 31-1927 | EA | Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR) | 193.91 | 41.25 |
| 28 46 13 31-1928 | EA | Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR) | 144.35 | 41.25 |
| 28 46 13 31-1929 | EA | White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW) | 144.35 | 41.25 |
| 28 46 13 31-1930 | EA | Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR) | 154.33 | 41.25 |
| 28 46 13 31-1931 | EA | Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R. | 161.12 | 46.74 |
| 28 46 13 31-1932 | EA | Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR) | 141.08 | 41.25 |
| 28 46 13 31-1933 | EA | White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW) | 141.08 | 41.25 |
| **28 46 13 31-1934** | | **Ceiling Mounted Speakers/Strobes** *(28 46 13 31-1899)* | | |
| 28 46 13 31-1935 | EA | Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR) | 177.77 | 41.25 |
| 28 46 13 31-1936 | EA | White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW) | 177.77 | 41.25 |
| 28 46 13 31-1937 | EA | White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW) | 177.77 | 41.25 |
| 28 46 13 31-1938 | EA | White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW) | 179.69 | 41.25 |
| 28 46 13 31-1939 | EA | White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW) | 190.45 | 41.25 |
| 28 46 13 31-1940 | EA | White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW) | 205.43 | 41.25 |
| **28 46 13 31-1941** | | **Wall Mounted Speakers/Strobes** *(28 46 13 31-1899)* | | |
| 28 46 13 31-1942 | EA | Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR) | 267.25 | 41.25 |
| 28 46 13 31-1943 | EA | White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW) | 267.25 | 41.25 |
| 28 46 13 31-1944 | EA | Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR) | 190.45 | 41.25 |
| 28 46 13 31-1945 | EA | White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW) | 190.45 | 41.25 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-1946 | EA | Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR) | 177.77 | 41.25 |
| 28 46 13 31-1947 | EA | White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW) | 174.70 | 41.25 |
| 28 46 13 31-1948 | EA | Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR) | 190.45 | 41.25 |
| 28 46 13 31-1949 | EA | White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW) | 190.45 | 41.25 |
| 28 46 13 31-1950 | EA | Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR) | 264.43 | 41.25 |
| 28 46 13 31-1951 | EA | Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR) | 179.69 | 41.25 |
| 28 46 13 31-1952 | EA | White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW) | 178.15 | 41.25 |
| 28 46 13 31-1953 | EA | Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR) | 258.08 | 41.25 |
| 28 46 13 31-1954 | EA | White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW) | 264.43 | 41.25 |
| 28 46 13 31-1955 | EA | Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR) | 205.43 | 41.25 |
| 28 46 13 31-1956 | EA | White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW) | 205.43 | 41.25 |
| 28 46 13 31-1957 | EA | Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR)<br>Note: Requires weatherproof backbox (IOB). | 287.43 | 46.74 |

## 28 46 13 31-1958 Electric Alarm Bells *(28 46 13 31-1899)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1959 | EA | 6", 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R) | 173.16 | 41.25 |
| 28 46 13 31-1960 | EA | 6", 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R) | 167.01 | 41.25 |
| 28 46 13 31-1961 | EA | 10", 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R) | 208.12 | 41.25 |
| 28 46 13 31-1962 | EA | 115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSX10-115-R) | 1,627.21 | 46.74 |
| 28 46 13 31-1963 | EA | Outdoor, 115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSXG10-115-R) | 2,629.19 | 46.74 |
| 28 46 13 31-1964 | EA | Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CVXG10-115-R) | 2,879.04 | 46.74 |
| 28 46 13 31-1965 | EA | 6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R) | 138.39 | 41.25 |
| 28 46 13 31-1966 | EA | 10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R) | 171.04 | 41.25 |

## 28 46 13 31-1967 Horns *(28 46 13 31-1899)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1968 | EA | Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R) | 138.91 | 41.25 |
| 28 46 13 31-1969 | EA | Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR) | 116.76 | 41.25 |
| 28 46 13 31-1970 | EA | White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW) | 116.76 | 41.25 |
| 28 46 13 31-1971 | EA | Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC) | 117.61 | 41.25 |
| 28 46 13 31-1972 | EA | White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC) | 117.61 | 41.25 |
| 28 46 13 31-1973 | EA | Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R) | 103.39 | 41.25 |
| 28 46 13 31-1974 | EA | White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W) | 103.39 | 41.25 |
| 28 46 13 31-1975 | EA | Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R) | 117.61 | 41.25 |

## 28 46 13 31-1976 Speakers *(28 46 13 31-1899)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1977 | EA | Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R) | 120.06 | 41.25 |
| 28 46 13 31-1978 | EA | White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W) | 120.06 | 41.25 |
| 28 46 13 31-1979 | EA | Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R) | 120.06 | 41.25 |
| 28 46 13 31-1980 | EA | White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W) | 118.37 | 41.25 |
| 28 46 13 31-1981 | EA | Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R) | 120.06 | 41.25 |
| 28 46 13 31-1982 | EA | White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W) | 120.06 | 41.25 |
| 28 46 13 31-1983 | EA | Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R) | 120.06 | 41.25 |
| 28 46 13 31-1984 | EA | White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W) | 120.06 | 41.25 |
| 28 46 13 31-1985 | EA | Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R) | 138.58 | 41.25 |
| 28 46 13 31-1986 | EA | White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W) | 138.58 | 41.25 |
| 28 46 13 31-1987 | EA | White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W) | 140.12 | 41.25 |
| 28 46 13 31-1988 | EA | Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R) | 170.61 | 41.25 |
| 28 46 13 31-1989 | EA | Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R) | 155.71 | 41.25 |
| 28 46 13 31-1990 | EA | Grey, 1 To 15 Watt, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15S) | 259.22 | 41.25 |
| 28 46 13 31-1991 | EA | Red, 1 To 15 Watt, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15SR) | 259.22 | 41.25 |

## 28 46 13 31-1992 Sync Modules *(28 46 13 31-1899)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1993 | EA | 12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R) | 165.00 | 27.50 |

## 28 46 13 31-1994 Boxes, Plates And Rings *(28 46 13 31-1899)*

| | | | | |
|---|---|---|---|---|
| 28 46 13 31-1995 | EA | 4" Square, Red, Surface Backbox (Wheelock BB-R) | 35.91 | 13.75 |
| 28 46 13 31-1996 | EA | Standard 4" Square Box (Wheelock BB-STD) | 34.14 | 13.75 |
| 28 46 13 31-1997 | EA | Black, Backbox For UZC-256 (Wheelock BB-UZC) | 192.49 | 27.50 |
| 28 46 13 31-1998 | EA | Red, Backbox For UZC-256 (Wheelock BB-UZC-R) | 192.49 | 27.50 |
| 28 46 13 31-1999 | EA | 9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP) | 148.72 | 21.99 |
| 28 46 13 31-2000 | EA | Red, Extender Ring For E60 Series (Wheelock E60EXT-R) | 18.53 | 5.50 |
| 28 46 13 31-2001 | EA | White, Extender Ring For E60 Series (Wheelock E60EXT-W) | 18.53 | 5.50 |
| 28 46 13 31-2002 | EA | Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R) | 45.02 | 13.75 |
| 28 46 13 31-2003 | EA | White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W) | 42.56 | 13.75 |
| 28 46 13 31-2004 | EA | Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R) | 45.02 | 13.75 |
| 28 46 13 31-2005 | EA | White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W) | 45.02 | 13.75 |
| 28 46 13 31-2006 | EA | 4" Square Backbox (Wheelock DBB-R) | 37.49 | 13.75 |
| 28 46 13 31-2007 | EA | Red, Surface Backbox (Wheelock IOB-R) | 43.41 | 13.75 |
| 28 46 13 31-2008 | EA | White, Surface, Backbox (Wheelock IOB-W) | 43.41 | 13.75 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-2009 | EA | White, Indoor, Surface Extender (Wheelock ISP2-W) | 17.72 | 5.50 |
| 28 46 13 31-2010 | EA | Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R) | 22.99 | 5.50 |
| 28 46 13 31-2011 | EA | White, RS/RSS Strobe Trim Plate (Wheelock NATP-W) | 22.99 | 5.50 |
| 28 46 13 31-2012 | EA | Red Retrofit Plate (Wheelock RP-R) | 20.99 | 5.50 |
| 28 46 13 31-2013 | EA | 4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4) | 32.54 | 5.50 |
| 28 46 13 31-2014 | EA | Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R) | 45.40 | 13.75 |
| 28 46 13 31-2015 | EA | White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W) | 45.94 | 13.75 |
| 28 46 13 31-2016 | EA | Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R) | 48.78 | 13.75 |
| 28 46 13 31-2017 | EA | Red, Semi-Flush Plate (Wheelock SFB-R) | 24.05 | 5.50 |
| 28 46 13 31-2018 | EA | White, Semi-Flush Plate (Wheelock SFB-W) | 24.05 | 5.50 |
| 28 46 13 31-2019 | EA | Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R) | 40.06 | 13.75 |
| 28 46 13 31-2020 | EA | White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W) | 40.06 | 13.75 |
| 28 46 13 31-2021 | EA | Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R) | 26.06 | 5.50 |
| 28 46 13 31-2022 | EA | Red, Weather Resistant Backbox (Wheelock WBB-R) | 44.71 | 13.75 |
| 28 46 13 31-2023 | EA | Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R) | 31.90 | 5.50 |
| 28 46 13 31-2024 | EA | White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W) | 31.90 | 5.50 |
| 28 46 13 31-2025 | EA | Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R) | 31.90 | 5.50 |
| 28 46 13 31-2026 | EA | White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W) | 31.90 | 5.50 |
| 28 46 13 31-2027 | EA | Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT) | 20.32 | 5.50 |
| 28 46 13 31-2028 | EA | Weather Resistant Backbox For ASWP (Wheelock WPBB-R) | 50.66 | 13.75 |
| 28 46 13 31-2029 | EA | Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R) | 46.91 | 13.75 |
| **28 46 13 31-2030** | | **Manual Pull Station** *(28 46 13 31-1899)* | | |
| 28 46 13 31-2031 | EA | SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100) | 120.47 | 27.50 |
| 28 46 13 31-2032 | EA | SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200) | 120.47 | 27.50 |
| 28 46 13 31-2033 | EA | Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X) | 1,043.69 | 27.50 |
| **28 46 13 31-2034** | | **Fire Alarm Terminal Cabinets** *(28 46 13 31)* | | |
| 28 46 13 31-2035 | EA | 18 Point Lockable Fire Alarm Terminal Cabinet | 224.40 | 55.09 |
| 28 46 13 31-2036 | EA | 32 Point Lockable Fire Alarm Terminal Cabinet | 292.95 | 55.09 |
| 28 46 13 31-2037 | EA | 64 Point Lockable Fire Alarm Terminal Cabinet | 430.04 | 55.09 |
| 28 46 13 31-2038 | EA | 128 Point Lockable Fire Alarm Terminal Cabinet | 567.08 | 55.09 |
| **28 46 13 31-2039** | | **Test And Certification Of Fire Alarm System** *(28 46 13 31)* | | |
| 28 46 13 31-2040 | HR | Test And Certification Of Fire Alarm System | 273.06 | |
| **28 46 13 31-2041** | | **Programming Of Fire Alarm System** *(28 46 13 31)* | | |
| 28 46 13 31-2042 | HR | Programming Of Fire Alarm System | 327.67 | |
| **28 46 13 31-2043** | | **Removal And Reinstallation Of Smoke Detector** *(28 46 13 31)* | | |
| | | Note: Includes storage, cleaning and supply materials. | | |
| 28 46 13 31-2044 | EA | Removal And Reinstallation Of Ceiling Mounted Smoke Detector | 153.99 | |
| 28 46 13 31-2045 | EA | Removal And Reinstallation Of Wall Mounted Smoke Detector | 123.74 | |
| **28 46 13 31-2046** | | **Fire Alarm Digital Cellular Communicator** *(28 46 13 31)* | | |
| 28 46 13 31-2047 | EA | Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS) | 663.27 | 54.99 |
| **28 46 13 31-2048** | | **Kidde Fire Safety Equipment** *(28 46 13 31)* | | |
| **28 46 13 31-2049** | | **Smoke Detectors** *(28 46 13 31-2048)* | | |
| 28 46 13 31-2050 | EA | Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With Battery Back-up (Kidde i12010SCO) | 144.56 | 41.25 |
| 28 46 13 31-2051 | EA | Combination Smoke And Carbon Monoxide Detector, With Battery Back-up (Kidde P3010K-CO) | 118.65 | 41.25 |
| **28 46 13 31-2052** | | **Potter Fire Alarm** *(28 46 13 31)* | | |
| **28 46 13 31-2053** | | **Electric Alarm Bells** *(28 46 13 31-2052)* | | |
| 28 46 13 31-2054 | EA | 6" Alarm Bell, 12 Volt DC (Potter MBA-6-12) | 116.42 | 41.25 |
| 28 46 13 31-2055 | EA | 8" Alarm Bell, 12 Volt DC (Potter MBA-8-12) | 127.13 | 41.25 |
| 28 46 13 31-2056 | EA | 10" Alarm Bell, 12 Volt DC (Potter MBA-10-12) | 132.49 | 41.25 |
| 28 46 13 31-2057 | EA | 6" Alarm Bell, 24 Volt DC (Potter MBA-6-24) | 116.42 | 41.25 |
| 28 46 13 31-2058 | EA | 8" Alarm Bell, 24 Volt DC (Potter MBA-8-24) | 127.13 | 41.25 |
| 28 46 13 31-2059 | EA | 10" Alarm Bell, 24 Volt DC (Potter MBA-10-24) | 132.49 | 41.25 |
| 28 46 13 31-2060 | EA | 6" Alarm Bell, 24 Volt AC (Potter PBA246) | 125.51 | 41.25 |
| 28 46 13 31-2061 | EA | 8" Alarm Bell, 24 Volt AC (Potter PBA248) | 130.65 | 41.25 |
| 28 46 13 31-2062 | EA | 10" Alarm Bell, 24 Volt AC (Potter PBA2410) | 160.95 | 41.25 |
| 28 46 13 31-2063 | EA | 6" Alarm Bell, 120 Volt AC (Potter PBA1206) | 117.96 | 41.25 |
| 28 46 13 31-2064 | EA | 8" Alarm Bell, 120 Volt AC (Potter PBA1208) | 130.65 | 41.25 |
| 28 46 13 31-2065 | EA | 10" Alarm Bell, 120 Volt AC (Potter PBA12010) | 141.27 | 41.25 |
| **28 46 13 31-2066** | | **Manual Pull Station** *(28 46 13 31-2052)* | | |
| 28 46 13 31-2067 | EA | SPST, Single Action, Manual Pull Station (Potter P32-1T) | 85.36 | 27.50 |
| 28 46 13 31-2068 | EA | DPST, Single Action, Manual Pull Station (Potter RMS-2T) | 90.23 | 27.50 |
| 28 46 13 31-2069 | EA | DPST, Single Action, Manual Pull Station (Potter RMS-6T) | 144.99 | 27.50 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 46 13 31-2070 | EA | DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL) | 93.26 | 27.50 |
| 28 46 13 31-2071 | EA | SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP) | 88.12 | 27.50 |
| 28 46 13 31-2072 | EA | SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP) | 162.12 | 27.50 |
| 28 46 13 31-2073 | EA | SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP) | 202.97 | 27.50 |

### 28 46 31 Fire-Alarm Initiating Devices *(28 46)*

#### 28 46 31 11 Heat-Sensing Fire Detectors *(28 46 31)*

28 46 31 11-0001 Protectowire Fire Alarm *(28 46 31 11)*

28 46 31 11-0002 Linear Heat Detector Cable *(28 46 31 11-0001)*

| | | | | |
|---|---|---|---|---|
| 28 46 31 11-0003 | LF | Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC) | 5.07 | |
| 28 46 31 11-0004 | LF | Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M | 5.49 | |
| 28 46 31 11-0005 | LF | High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR) | 5.49 | |
| 28 46 31 11-0006 | LF | High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M | 5.91 | |
| 28 46 31 11-0007 | LF | Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT) | 6.45 | |
| 28 46 31 11-0008 | LF | Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M) | 6.87 | |
| 28 46 31 11-0009 | EA | Flexible Lead Connector For Linear Heat Detector (Protectowire PFL) | 63.88 | |
| 28 46 31 11-0010 | EA | Splicing Connector For Linear Heat Detector (Protectowire PWSC) | 25.17 | |
| 28 46 31 11-0011 | EA | Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W) | 8.46 | |
| 28 46 31 11-0012 | EA | Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2) | 8.46 | |
| 28 46 31 11-0013 | EA | Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO) | 9.41 | |
| 28 46 31 11-0014 | EA | Beam Clamp For Linear Heat Detector (Protectowire BC-2) | 14.67 | |
| 28 46 31 11-0015 | EA | Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P) | 15.23 | |
| 28 46 31 11-0016 | EA | Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A) | 1.44 | |
| 28 46 31 11-0017 | EA | Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B) | 1.96 | |
| 28 46 31 11-0018 | EA | Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C) | 8.61 | |

### 28 46 41 Fire-Alarm Notification Appliances *(28 46)*

#### 28 46 41 11 Audible Fire-Alarm Notification Appliances *(28 46 41)*

See CSI section 28 46 13 31-0000 for fire alarm speakers.

#### 28 46 41 31 Combination Fire-Alarm Notification Appliances *(28 46 41)*

See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.

## 28 49 Electronic Personal Protection Systems *(28 40)*

### 28 49 11 Electronic Personal Safety Detection Systems *(28 49)*

28 49 11 00-0001 Personnel Alarm Locating System *(28 49 11)*

Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.

| | | | | |
|---|---|---|---|---|
| 28 49 11 00-0002 | EA | Personnel Alarm Locating System<br>Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels. | 20,779.88 | 882.96 |
| 28 49 11 00-0003 | EA | Personnel Alarm Transmitters With Lithium Batteries | 164.79 | |
| 28 49 11 00-0004 | EA | Lapel Reader | 63.38 | |
| 28 49 11 00-0005 | EA | IR Locator | 230.88 | 33.06 |
| 28 49 11 00-0006 | EA | Repeaters And Receivers | 562.63 | 110.19 |

### 28 49 17 Electronic Personal Safety Emergency Aid Devices *(28 49)*

28 49 17 00-0001 Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*

28 49 17 00-0002 Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

| | | | | |
|---|---|---|---|---|
| 28 49 17 00-0003 | EA | Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5)<br>Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537). | 299.96 | 66.11 |
| 28 49 17 00-0004 | EA | Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5)<br>Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592. | 355.94 | 77.14 |
| 28 49 17 00-0005 | EA | Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5)<br>Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592. | 358.60 | 77.14 |

28 49 17 00-0006 Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

| | | | | |
|---|---|---|---|---|
| 28 49 17 00-0007 | EA | High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5) | 220.90 | 41.32 |
| 28 49 17 00-0008 | EA | High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5) | 215.27 | 33.06 |
| 28 49 17 00-0009 | EA | Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592) | 99.57 | 33.06 |
| 28 49 17 00-0010 | EA | 1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5) | 174.19 | 33.06 |
| 28 49 17 00-0011 | EA | 2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5) | 200.87 | 33.06 |
| 28 49 17 00-0012 | EA | 4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5) | 228.56 | 33.06 |
| 28 49 17 00-0013 | EA | 2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2) | 317.56 | 33.06 |
| 28 49 17 00-0014 | EA | 4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4) | 355.85 | 33.06 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 28 49 17 00-0015 | | Call Activation Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)* | | |
| 28 49 17 00-0016 | EA | Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537) | 133.05 | 33.06 |
| 28 49 17 00-0017 | EA | Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E) | 196.65 | 33.06 |
| 28 49 17 00-0018 | EA | Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E) | 258.05 | 33.06 |
| 28 49 17 00-0019 | EA | 3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302) | 277.06 | 11.02 |
| 28 49 17 00-0020 | EA | Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930) | 202.33 | 33.06 |
| 28 49 17 00-0021 | EA | Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L) | 239.05 | 33.06 |
| 28 49 17 00-0022 | EA | Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L) | 406.39 | 33.06 |
| 28 49 17 00-0023 | EA | Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620) | 192.23 | 33.06 |
| 28 49 17 00-0024 | EA | Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675) | 234.15 | 11.02 |
| 28 49 17 00-0025 | EA | Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676) | 362.31 | 11.02 |
| 28 49 17 00-0026 | EA | Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685) | 370.19 | 11.02 |
| 28 49 17 00-0027 | EA | Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686) | 487.87 | 11.02 |

**END OF SECTION 28**

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 31 Earthwork

## 31 01 Maintenance of Earthwork *(31)*

### 31 01 20 Maintenance of Earth Moving *(31 01)*

#### 31 01 20 00-0001 Rip Settling Basins *(31 01 20)*

Note: Rip through light soil and sand in settling basin. 8' on center (machine width).

| | | | | |
|---|---|---|---|---|
| 31 01 20 00-0002 | ACR | Rip Light Soil And Sand, By Dozer | 611.00 | |
| 31 01 20 00-0003 | ACR | Rip Light Soil And Sand, By Grader With Rear Ripper | 917.02 | |
| 31 01 20 00-0004 | ACR | Rip Light Soil And Sand, By Rubber Tire Front End Loader | 782.60 | |

## 31 05 Common Work Results for Earthwork *(31)*

### 31 05 16 Aggregates for Earthwork *(31 05)*

See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

#### 31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

| | | | | |
|---|---|---|---|---|
| 31 05 16 00-0002 | CY | Washed Sand, Snohomish County Sand | 29.82 | |
| | | *For Up To 8, Add* | *5.96* | |
| | | *For >8 To 16, Add* | *2.98* | |
| | | *For >48 To 64, Deduct* | *-2.33* | |
| | | *For >64 To 96, Deduct* | *-3.82* | |
| | | *For >96, Deduct* | *-5.31* | |
| 31 05 16 00-0003 | CY | Washed Sandy Gravel, Seattle Type 26 | 36.08 | |
| | | *For Up To 8, Add* | *7.22* | |
| | | *For >8 To 16, Add* | *3.61* | |
| | | *For >48 To 64, Deduct* | *-2.64* | |
| | | *For >64 To 96, Deduct* | *-4.44* | |
| | | *For >96, Deduct* | *-6.25* | |
| 31 05 16 00-0004 | CY | Pea Gravel | 37.04 | |
| | | *For Up To 8, Add* | *7.41* | |
| | | *For >8 To 16, Add* | *3.70* | |
| | | *For >48 To 64, Deduct* | *-2.69* | |
| | | *For >64 To 96, Deduct* | *-4.54* | |
| | | *For >96, Deduct* | *-6.39* | |
| 31 05 16 00-0005 | CY | 3/4" Drain Rock | 31.08 | |
| | | *For Up To 8, Add* | *6.22* | |
| | | *For >8 To 16, Add* | *3.11* | |
| | | *For >48 To 64, Deduct* | *-2.39* | |
| | | *For >64 To 96, Deduct* | *-3.94* | |
| | | *For >96, Deduct* | *-5.50* | |
| 31 05 16 00-0006 | CY | 1-1/2" Drain Rock | 31.65 | |
| | | *For Up To 8, Add* | *6.33* | |
| | | *For >8 To 16, Add* | *3.17* | |
| | | *For >48 To 64, Deduct* | *-2.42* | |
| | | *For >64 To 96, Deduct* | *-4.00* | |
| | | *For >96, Deduct* | *-5.58* | |
| 31 05 16 00-0007 | CY | 3/4" Clear Crushed | 35.10 | |
| | | *For Up To 8, Add* | *7.02* | |
| | | *For >8 To 16, Add* | *3.51* | |
| | | *For >48 To 64, Deduct* | *-2.59* | |
| | | *For >64 To 96, Deduct* | *-4.35* | |
| | | *For >96, Deduct* | *-6.10* | |
| 31 05 16 00-0008 | CY | 1-1/4" Clear Crushed (Permeable Ballast) | 35.10 | |
| | | *For Up To 8, Add* | *7.02* | |
| | | *For >8 To 16, Add* | *3.51* | |
| | | *For >48 To 64, Deduct* | *-2.59* | |
| | | *For >64 To 96, Deduct* | *-4.35* | |
| | | *For >96, Deduct* | *-6.10* | |
| 31 05 16 00-0009 | CY | 5/8" Crushed (90% Fracture With Crushed Fines) | 33.34 | |
| | | *For Up To 8, Add* | *6.67* | |
| | | *For >8 To 16, Add* | *3.33* | |
| | | *For >48 To 64, Deduct* | *-2.50* | |
| | | *For >64 To 96, Deduct* | *-4.17* | |
| | | *For >96, Deduct* | *-5.84* | |
| 31 05 16 00-0010 | CY | 5/8" Minus Crushed Surfacing Top Course (WSDOT Specification) | 32.10 | |
| | | *For Up To 8, Add* | *6.42* | |
| | | *For >8 To 16, Add* | *3.21* | |
| | | *For >48 To 64, Deduct* | *-2.44* | |
| | | *For >64 To 96, Deduct* | *-4.05* | |
| | | *For >96, Deduct* | *-5.65* | |
| 31 05 16 00-0011 | CY | 1-1/4" Minus Crushed Surfacing Base Course (WSDOT Specification) | 31.75 | |
| | | *For Up To 8, Add* | *6.35* | |
| | | *For >8 To 16, Add* | *3.18* | |
| | | *For >48 To 64, Deduct* | *-2.42* | |
| | | *For >64 To 96, Deduct* | *-4.01* | |
| | | *For >96, Deduct* | *-5.60* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 05 16 00-0012 | CY | 1-1/2" Screened Borrow | 29.65 | |
| | | *For Up To 8, Add* | *5.93* | |
| | | *For >8 To 16, Add* | *2.97* | |
| | | *For >48 To 64, Deduct* | *-2.32* | |
| | | *For >64 To 96, Deduct* | *-3.80* | |
| | | *For >96, Deduct* | *-5.28* | |
| 31 05 16 00-0013 | CY | Pipe Zone Bedding | 29.65 | |
| | | *For Up To 8, Add* | *5.93* | |
| | | *For >8 To 16, Add* | *2.97* | |
| | | *For >48 To 64, Deduct* | *-2.32* | |
| | | *For >64 To 96, Deduct* | *-3.80* | |
| | | *For >96, Deduct* | *-5.28* | |
| 31 05 16 00-0014 | CY | Gravel Borrow, Seattle Type 17 | 31.40 | |
| | | *For Up To 8, Add* | *6.28* | |
| | | *For >8 To 16, Add* | *3.14* | |
| | | *For >48 To 64, Deduct* | *-2.41* | |
| | | *For >64 To 96, Deduct* | *-3.98* | |
| | | *For >96, Deduct* | *-5.55* | |
| 31 05 16 00-0015 | CY | Trench Backfill | 31.40 | |
| | | *For Up To 8, Add* | *6.28* | |
| | | *For >8 To 16, Add* | *3.14* | |
| | | *For >48 To 64, Deduct* | *-2.41* | |
| | | *For >64 To 96, Deduct* | *-3.98* | |
| | | *For >96, Deduct* | *-5.55* | |
| 31 05 16 00-0016 | CY | Gravel Backfill For Walls | 31.40 | |
| | | *For Up To 8, Add* | *6.28* | |
| | | *For >8 To 16, Add* | *3.14* | |
| | | *For >48 To 64, Deduct* | *-2.41* | |
| | | *For >64 To 96, Deduct* | *-3.98* | |
| | | *For >96, Deduct* | *-5.55* | |
| 31 05 16 00-0017 | CY | Gravel Borrow | 31.05 | |
| | | *For Up To 8, Add* | *6.21* | |
| | | *For >8 To 16, Add* | *3.11* | |
| | | *For >48 To 64, Deduct* | *-2.39* | |
| | | *For >64 To 96, Deduct* | *-3.94* | |
| | | *For >96, Deduct* | *-5.49* | |
| 31 05 16 00-0018 | CY | Pit Run | 28.70 | |
| | | *For Up To 8, Add* | *5.74* | |
| | | *For >8 To 16, Add* | *2.87* | |
| | | *For >48 To 64, Deduct* | *-2.27* | |
| | | *For >64 To 96, Deduct* | *-3.71* | |
| | | *For >96, Deduct* | *-5.14* | |

### 31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

## 31 08 Commissioning of Earthwork *(31)*

### 31 08 13 Pile Load Testing *(31 08)*

#### 31 08 13 00-0001 Pile Test By Load Ranges *(31 08 13)*

| | | | |
|---|---|---|---|
| 31 08 13 00-0002 | EA | Pile Load Test, 50 To 100 Ton Design Load | 39,310.11 |
| | | *For Barge Mounted Testing, Add* | *15,724.04* |
| | | *For Testing In Wet/Soft Soil Condition, Add* | *11,793.03* |
| | | *For >3 To 9, Deduct* | *-1,026.74* |
| | | *For >9, Deduct* | *-2,121.92* |
| 31 08 13 00-0003 | EA | Pile Load Test, 101 To 200 Ton Design Load | 46,248.80 |
| | | *For Barge Mounted Testing, Add* | *18,499.52* |
| | | *For Testing In Wet/Soft Soil Condition, Add* | *13,874.64* |
| | | *For >3 To 9, Deduct* | *-1,216.88* |
| | | *For >9, Deduct* | *-2,514.88* |
| 31 08 13 00-0004 | EA | Pile Load Test, 201 To 300 Ton Design Load | 55,492.78 |
| | | *For Barge Mounted Testing, Add* | *22,197.11* |
| | | *For Testing In Wet/Soft Soil Condition, Add* | *16,647.83* |
| | | *For >3 To 9, Deduct* | *-1,622.50* |
| | | *For >9, Deduct* | *-3,353.17* |
| 31 08 13 00-0005 | EA | Pile Load Test, 301 To 400 Ton Design Load | 67,050.33 |
| | | *For Barge Mounted Testing, Add* | *26,820.13* |
| | | *For Testing In Wet/Soft Soil Condition, Add* | *20,115.10* |
| | | *For >3 To 9, Deduct* | *-2,146.49* |
| | | *For >9, Deduct* | *-4,436.08* |

## 31 10 Site Clearing *(31)*

### 31 11 Clearing and Grubbing *(31 10)*

#### 31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

| | | | |
|---|---|---|---|
| 31 11 00 00-0002 | ACR | Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip<br>Note: Includes grub and removal of stump | 7,189.39 |
| 31 11 00 00-0003 | ACR | Clear And Grub Light Stumps Only Up To 6" Diameter | 2,125.03 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 11 00 00-0004 | ACR | Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip<br>Note: Includes grub and removal of stump | 8,387.63 | |
| 31 11 00 00-0005 | ACR | Clear And Grub Medium Stumps Only Up To 10" Diameter | 3,541.73 | |
| 31 11 00 00-0006 | ACR | Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip<br>Note: Includes grub and removal of stump | 9,531.40 | |
| 31 11 00 00-0007 | ACR | Clear And Grub Heavy Stumps Only Up To 16" Diameter | 4,025.17 | |
| 31 11 00 00-0008 | ACR | Clearing By Machine - Light Brush Without Grub | 277.60 | |
| 31 11 00 00-0009 | ACR | Clearing By Machine - Medium Brush Without Grub | 596.02 | |
| 31 11 00 00-0010 | ACR | Clearing By Machine - Heavy Brush Without Grub | 844.45 | |
| 31 11 00 00-0011 | ACR | Chipping - Light Brush | 2,237.10 | |
| 31 11 00 00-0012 | ACR | Chipping - Medium Brush | 2,876.42 | |
| 31 11 00 00-0013 | ACR | Chipping - Heavy Brush | 4,027.35 | |

### 31 11 00 00-0014 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0037 for hauling.

| | | | | |
|---|---|---|---|---|
| 31 11 00 00-0015 | CY | Machine Loading Of Cleared And Grubbed Material | 9.93 | |
| 31 11 00 00-0016 | CY | Chute Loading Of Cleared And Grubbed Material | 11.91 | |
| 31 11 00 00-0017 | CY | Hand Loading Of Cleared And Grubbed Material | 31.27 | |
| 31 11 00 00-0018 | CY | Wheel And Ramp Loading Of Cleared And Grubbed Material | 24.57 | |

## 31 13 Selective Tree and Shrub Removal and Trimming *(31 10)*

### 31 13 13 Selective Tree and Shrub Removal *(31 13)*

#### 31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

| | | | | |
|---|---|---|---|---|
| 31 13 13 00-0002 | EA | Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal<br>Note: Includes cutting up tree, chipping and loading. | 524.23 | |
| 31 13 13 00-0003 | EA | >6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal<br>Note: Includes cutting up tree, chipping and loading. | 786.34 | |
| 31 13 13 00-0004 | EA | >12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal<br>Note: Includes cutting up tree, chipping and loading. | 1,048.45 | |
| 31 13 13 00-0005 | EA | >24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal<br>Note: Includes cutting up tree, chipping and loading. | 1,572.68 | |
| 31 13 13 00-0006 | EA | >36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal<br>Note: Includes cutting up tree, chipping and loading. | 2,096.90 | |

#### 31 13 13 00-0007 Stump Removal *(31 13 13)*

Note: Measured by diameter of stump.

#### 31 13 13 00-0008 Stump Removal By Machine *(31 13 13 00-0007)*

| | | | | |
|---|---|---|---|---|
| 31 13 13 00-0009 | EA | Up To 6" Diameter Stump Removal<br>Note: Includes excavation necessary to remove stump and loading. | 106.26 | |
| 31 13 13 00-0010 | EA | >6" To 12" Diameter Stump Removal<br>Note: Includes excavation necessary to remove stump and loading. | 203.65 | |
| 31 13 13 00-0011 | EA | >12" To 24" Diameter Stump Removal<br>Note: Includes excavation necessary to remove stump and loading. | 265.63 | |
| 31 13 13 00-0012 | EA | >24" To 36" Diameter Stump Removal<br>Note: Includes excavation necessary to remove stump and loading. | 398.46 | |
| 31 13 13 00-0013 | EA | >36" To 48" Diameter Stump Removal<br>Note: Includes excavation necessary to remove stump and loading. | 469.31 | |

#### 31 13 13 00-0014 Stump Removal By Hand *(31 13 13 00-0007)*

| | | | | |
|---|---|---|---|---|
| 31 13 13 00-0015 | EA | Up To 6" Diameter Stump Removal By Hand<br>Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading. | 561.79 | |
| 31 13 13 00-0016 | EA | >6" To 12" Diameter Stump Removal By Hand<br>Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading. | 702.24 | |
| 31 13 13 00-0017 | EA | >12" To 24" Diameter Stump Removal By Hand<br>Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading. | 1,029.95 | |
| 31 13 13 00-0018 | EA | >24" To 36" Diameter Stump Removal By Hand<br>Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading. | 1,404.48 | |
| 31 13 13 00-0019 | EA | >36" To 48" Diameter Stump Removal By Hand<br>Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading. | 1,872.64 | |

#### 31 13 13 00-0020 Stump Grinding *(31 13 13)*

Note: Measured by diameter of stump.

#### 31 13 13 00-0021 Stump Grinding, 18" Deep Below Surface Of Soil *(31 13 13 00-0020)*

Note: Level soil to match existing surface area.

| | | | | |
|---|---|---|---|---|
| 31 13 13 00-0022 | EA | Stump Grinding Up To 6" Tree | 98.49 | |
| | | *For 24" Depth, Add* | | *19.70* |
| 31 13 13 00-0023 | EA | Stump Grinding >6" To 12" Tree | 131.32 | |
| | | *For 24" Depth, Add* | | *26.26* |
| 31 13 13 00-0024 | EA | Stump Grinding >12" To 15" Tree | 147.74 | |
| | | *For 24" Depth, Add* | | *29.55* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 13 13 00-0025 | EA | Stump Grinding >15" To 18" Tree | 164.15 | |
| | | *For 24" Depth, Add* | *32.83* | |
| 31 13 13 00-0026 | EA | Stump Grinding >18" To 21" Tree | 176.47 | |
| | | *For 24" Depth, Add* | *35.29* | |
| 31 13 13 00-0027 | EA | Stump Grinding >21" To 24" Tree | 188.78 | |
| | | *For 24" Depth, Add* | *37.76* | |
| 31 13 13 00-0028 | EA | Stump Grinding >24" To 27" Tree | 205.19 | |
| | | *For 24" Depth, Add* | *41.04* | |
| 31 13 13 00-0029 | EA | Stump Grinding >27" To 30" Tree | 224.51 | |
| | | *For 24" Depth, Add* | *44.90* | |
| 31 13 13 00-0030 | EA | Stump Grinding >30" To 33" Tree | 249.45 | |
| | | *For 24" Depth, Add* | *49.89* | |
| 31 13 13 00-0031 | EA | Stump Grinding >33" To 36" Tree | 266.08 | |
| | | *For 24" Depth, Add* | *53.22* | |
| 31 13 13 00-0032 | EA | Stump Grinding >36" To 42" Tree | 299.34 | |
| | | *For 24" Depth, Add* | *59.87* | |
| 31 13 13 00-0033 | EA | Stump Grinding >42" To 48" Tree | 332.61 | |
| | | *For 24" Depth, Add* | *66.52* | |

### 31 13 13 00-0034 Shrub Removal *(31 13 13)*

| | | | | |
|---|---|---|---|---|
| 31 13 13 00-0035 | EA | Removal Of 18" To 24" Shrub, Broadleaf Evergreen | 38.16 | |
| 31 13 13 00-0036 | EA | Removal Of 2' To 3' Shrub, Broadleaf Evergreen | 59.84 | |
| 31 13 13 00-0037 | EA | Removal Of 3' To 4' Shrub, Broadleaf Evergreen | 69.39 | |
| 31 13 13 00-0038 | EA | Removal Of 4' To 5' Shrub, Broadleaf Evergreen | 104.07 | |
| 31 13 13 00-0039 | EA | Removal Of 12" To 15" Shrub, Deciduous | 19.08 | |
| 31 13 13 00-0040 | EA | Removal Of 18" To 24" Shrub, Deciduous | 29.49 | |
| 31 13 13 00-0041 | EA | Removal Of 2' To 3' Shrub, Deciduous | 38.16 | |
| 31 13 13 00-0042 | EA | Removal Of 3' To 4' Shrub, Deciduous | 41.63 | |
| 31 13 13 00-0043 | EA | Removal Of 18" To 24" Shrub, Evergreen | 38.16 | |
| 31 13 13 00-0044 | EA | Removal Of 24" To 30" Shrub, Evergreen | 41.63 | |
| 31 13 13 00-0045 | EA | Removal Of 30" To 36" Shrub, Evergreen | 59.84 | |
| 31 13 13 00-0046 | EA | Removal Of 36" To 42" Shrub, Evergreen | 104.07 | |

## 31 13 16 Selective Tree and Shrub Trimming *(31 13)*

### 31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance *(31 13 16)*

Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

| | | | |
|---|---|---|---|
| 31 13 16 00-0002 | LF | Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction | 1.70 |
| 31 13 16 00-0003 | LF | Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction | 2.55 |
| 31 13 16 00-0004 | LF | Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction | 2.99 |

# 31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less that 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

## 31 23 Excavation and Fill *(31 20)*

### 31 23 16 Excavation *(31 23)*

#### 31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

### 31 23 16 13-0001 Excavation For Trenching By Machine *(31 23 16 13)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

| | | | | |
|---|---|---|---|---|
| 31 23 16 13-0002 | CY | 12" Wide or Less, Excavation for Trenching by Machine in Soil | 9.64 | |
| | | *For Excavation In Light Material (Class A), Deduct* | *-1.21* | |
| | | *For Excavation In Heavy/Wet Material (Class C), Add* | *3.86* | |
| | | *For Up To 20, Add* | *7.71* | |
| | | *For >20 To 50, Add* | *4.82* | |
| | | *For >50 To 250, Add* | *2.41* | |
| | | *For >500 To 1,000, Deduct* | *-1.45* | |
| | | *For >1,000, Deduct* | *-2.89* | |
| 31 23 16 13-0003 | CY | Over 12" Wide, Excavation for Trenching by Machine in Soil | 6.56 | |
| | | *For Excavation In Light Material (Class A), Deduct* | *-0.82* | |
| | | *For Excavation In Heavy/Wet Material (Class C), Add* | *2.62* | |
| | | *For Up To 20, Add* | *5.25* | |
| | | *For >20 To 50, Add* | *3.28* | |
| | | *For >50 To 250, Add* | *1.64* | |
| | | *For >500 To 1,000, Deduct* | *-0.98* | |
| | | *For >1,000, Deduct* | *-1.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 23 16 13-0004 | CY | 12" Wide or Less, Excavation for Trenching by Machine in Loose Rock<br>Note: Includes compacted aggregate | 15.95 | |
| | | *For Up To 20, Add* | *12.76* | |
| | | *For >20 To 50, Add* | *7.98* | |
| | | *For >50 To 250, Add* | *3.99* | |
| | | *For >500 To 1,000, Deduct* | *-2.39* | |
| | | *For >1,000, Deduct* | *-4.79* | |
| 31 23 16 13-0005 | CY | Over 12" Wide, Excavation for Trenching by Machine in Loose Rock<br>Note: Includes compacted aggregate | 11.65 | |
| | | *For Up To 20, Add* | *9.32* | |
| | | *For >20 To 50, Add* | *5.83* | |
| | | *For >50 To 250, Add* | *2.91* | |
| | | *For >500 To 1,000, Deduct* | *-1.75* | |
| | | *For >1,000, Deduct* | *-3.50* | |

### 31 23 16 13-0006 Excavation For Trenching By Hand *(31 23 16 13)*

| | | | | |
|---|---|---|---|---|
| 31 23 16 13-0007 | CY | Excavation For Trenching By Hand In Soil<br>Note: Includes stockpiling excess materials and trimming sides and bottom of trench. | 103.18 | |
| 31 23 16 13-0008 | CY | Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate<br>Note: Includes stockpiling excess materials and trimming sides and bottom of trench. | 176.99 | |

### 31 23 16 13-0009 Backfilling Or Placing Subbase For Trenches *(31 23 16 13)*

Note: With imported or stockpiled materials.

| | | | | |
|---|---|---|---|---|
| 31 23 16 13-0010 | CY | Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine | 3.45 | |
| | | *For Up To 20, Add* | *2.76* | |
| | | *For >20 To 50, Add* | *1.73* | |
| | | *For >50 To 250, Add* | *0.86* | |
| | | *For >500 To 1,000, Deduct* | *-0.52* | |
| | | *For >1,000, Deduct* | *-1.04* | |
| 31 23 16 13-0011 | CY | Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand | 28.66 | |

### 31 23 16 13-0012 Compaction Of Fill Or Subbase For Trenches *(31 23 16 13)*

Note: Includes restoration of final grade.

| | | | | |
|---|---|---|---|---|
| 31 23 16 13-0013 | CY | Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera | 6.02 | |
| | | *For Up To 20, Add* | *4.82* | |
| | | *For >20 To 50, Add* | *3.01* | |
| | | *For >50 To 250, Add* | *1.51* | |
| | | *For >500 To 1,000, Deduct* | *-0.90* | |
| | | *For >1,000, Deduct* | *-1.81* | |
| 31 23 16 13-0014 | CY | Compaction of Fill or Subbase for Trenches by Hand | 32.33 | |

### 31 23 16 13-0015 Loading Excess Material For Removal From Excavation For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0037 for hauling.

| | | | | |
|---|---|---|---|---|
| 31 23 16 13-0016 | CY | Load Excess Material by Machine for Removal from Excavation for Trenching | 6.01 | |
| | | *For Up To 20, Add* | *4.81* | |
| | | *For >20 To 50, Add* | *3.01* | |
| | | *For >50 To 250, Add* | *1.50* | |
| | | *For >500 To 1,000, Deduct* | *-0.90* | |
| | | *For >1,000, Deduct* | *-1.80* | |
| 31 23 16 13-0017 | CY | Load Excess Material by Hand for Removal from Excavation for Trenching | 75.66 | |

### 31 23 16 13-0018 Spread Excess Or Imported Material For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up.

| | | | | |
|---|---|---|---|---|
| 31 23 16 13-0019 | CY | Spread Excess Or Imported Material On Site With Machine | 2.83 | |
| | | *For Up To 20, Add* | *2.26* | |
| | | *For >20 To 50, Add* | *1.42* | |
| | | *For >50 To 250, Add* | *0.71* | |
| | | *For >500 To 1,000, Deduct* | *-0.42* | |
| | | *For >1,000, Deduct* | *-0.85* | |

### 31 23 16 13-0020 Direct Burial (Plowed-in) Cable Or Piping By Machine *(31 23 16 13)*

Note: Includes trench, backfill, compaction and restoration of final grade.

| | | | | |
|---|---|---|---|---|
| 31 23 16 13-0021 | LF | Direct Burial of Cable or Piping up to 12" Deep | 2.28 | |
| 31 23 16 13-0022 | LF | Direct Burial of Cable or Piping >12" to 24" Deep | 2.50 | |
| 31 23 16 13-0023 | LF | Direct Burial of Cable or Piping >24" to 36" Deep | 3.58 | |
| 31 23 16 13-0024 | LF | Direct Burial of Cable or Piping >36" to 48" Deep | 4.03 | |

### 31 23 16 13-0025 Direct Burial (Trenching) Of Wire Or Cable *(31 23 16 13)*

Note: Includes excavation, compaction and backfill, trenching only. Excludes any material or labor cost for conduit or cable. See CSI section 26 05 19 16-0012 for wire data, 26 05 33 13-0057 for conduit data.

## 31 23 16 26 Rock Removal *(31 23 16)*

### 31 23 16 26-0001 Rock Breaking By Machine *(31 23 16 26)*

Note: Excludes excavation of broken-up rock.

| | | | | |
|---|---|---|---|---|
| 31 23 16 26-0002 | CY | Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone) | 27.48 | |
| 31 23 16 26-0003 | CY | Rock Breaking By Machine, Medium Metamorphic Rock (Slate) | 29.32 | |
| 31 23 16 26-0004 | CY | Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt) | 34.81 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 31 23 16 33 Bulk Excavation *(31 23 16)*

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for For less than 500 CY excavation.

### 31 23 16 33-0001 Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.

| | | | | |
|---|---|---|---|---|
| 31 23 16 33-0002 | CY | Bulk Excavation by Dozer in Soil | 8.86 | |
| | | *For Excavation In Light Material (Class A), Deduct* | *-1.11* | |
| | | *For Excavation In Heavy/Wet Material (Class C), Add* | *3.54* | |
| | | *For >1,000, Deduct* | *-1.33* | |
| 31 23 16 33-0003 | CY | Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil | 5.29 | |
| | | *For Excavation In Light Material (Class A), Deduct* | *-0.66* | |
| | | *For Excavation In Heavy/Wet Material (Class C), Add* | *2.12* | |
| | | *For >1,000, Deduct* | *-0.79* | |
| 31 23 16 33-0004 | CY | Bulk Excavation by Dozer in Loose Rock<br>Note: Includes compacted aggregate | 10.91 | |
| | | *For >1,000, Deduct* | *-1.64* | |
| 31 23 16 33-0005 | CY | Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock<br>Note: Includes compacted aggregate | 6.51 | |
| | | *For >1,000, Deduct* | *-0.98* | |

### 31 23 16 33-0006 Spreading, Shaping And Rough Grading *(31 23 16 33)*

Note: Imported or stockpiled material for bulk excavation.

| | | | | |
|---|---|---|---|---|
| 31 23 16 33-0007 | CY | Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine | 5.47 | |
| | | *For >1,000, Deduct* | *-0.82* | |

### 31 23 16 33-0008 Cutting, Shaping and Rough Grading Of Existing Elevations *(31 23 16 33)*

Note: For bulk excavation.

| | | | | |
|---|---|---|---|---|
| 31 23 16 33-0009 | CY | Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine | 6.08 | |
| | | *For >1,000, Deduct* | *-0.91* | |

### 31 23 16 33-0010 Relocating On Site Excavated Material From Excavation *(31 23 16 33)*

Note: For bulk excavation.

| | | | | |
|---|---|---|---|---|
| 31 23 16 33-0011 | CY | Relocating On Site Excavated Material From Bulk Excavation >100' to 300' | 4.87 | |
| | | *For >1,000, Deduct* | *-0.73* | |
| 31 23 16 33-0012 | CY | Relocating On Site Excavated Material From Bulk Excavation >300' to 500' | 7.30 | |
| | | *For >1,000, Deduct* | *-1.10* | |
| 31 23 16 33-0013 | CY | Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000' | 10.95 | |
| | | *For >1,000, Deduct* | *-1.64* | |
| 31 23 16 33-0014 | CY | Relocating On Site Excavated Material From Bulk Excavation >1,000' | 14.59 | |
| | | *For >1,000, Deduct* | *-2.19* | |

### 31 23 16 33-0015 Finish Grading *(31 23 16 33)*

Note: For bulk excavation.

| | | | | |
|---|---|---|---|---|
| 31 23 16 33-0016 | SY | Finish Grading for Bulk Excavation by Machine | 0.60 | |

### 31 23 16 33-0017 Compaction Of Fill Or Subbase, Per Lift *(31 23 16 33)*

Note: For bulk excavation. See CSI section 31 23 23 23-0001 for compaction water.

| | | | | |
|---|---|---|---|---|
| 31 23 16 33-0018 | SY | Compaction of Fill or Subbase for Bulk Excavation by Machine<br>Note: Per Lift | 0.60 | |

### 31 23 16 33-0019 Loading Excess Material For Removal From Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0037 for hauling.

| | | | | |
|---|---|---|---|---|
| 31 23 16 33-0020 | CY | Loading Excess Material For Removal From Bulk Excavation | 5.38 | |
| | | *For >1,000, Deduct* | *-0.81* | |

## 31 23 16 36 Excavation for Building Foundations and Other Structures *(31 23 16)*

Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.

### 31 23 16 36-0001 Excavation *(31 23 16 36)*

Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.

### 31 23 16 36-0002 Excavation For Building Foundations And Other Structures By Skid-Steer Loader *(31 23 16 36-0001)*

| | | | | |
|---|---|---|---|---|
| 31 23 16 36-0003 | CY | Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil | 7.93 | |
| | | *For Excavation In Light Material (Class A), Deduct* | *-0.99* | |
| | | *For Excavation In Heavy/Wet Material (Class C), Add* | *3.17* | |
| | | *For Up To 20, Add* | *7.93* | |
| | | *For >20 To 50, Add* | *5.95* | |
| | | *For >50 To 250, Add* | *3.17* | |
| | | *For >250 To 500, Add* | *1.19* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 23 16 36-0004 | CY | Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock<br>Note: Includes compacted aggregate | 9.89 | |
| | | *For Up To 20, Add* | *9.89* | |
| | | *For >20 To 50, Add* | *7.42* | |
| | | *For >50 To 250, Add* | *3.96* | |
| | | *For >250 To 500, Add* | *1.48* | |

## 31 23 16 36-0005 Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader *(31 23 16 36-0001)*

| | | | | |
|---|---|---|---|---|
| 31 23 16 36-0006 | CY | Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil | 6.35 | |
| | | *For Excavation In Light Material (Class A), Deduct* | *-0.79* | |
| | | *For Excavation In Heavy/Wet Material (Class C), Add* | *2.54* | |
| | | *For Up To 20, Add* | *6.35* | |
| | | *For >20 To 50, Add* | *4.76* | |
| | | *For >50 To 250, Add* | *2.54* | |
| | | *For >250 To 500, Add* | *0.95* | |
| 31 23 16 36-0007 | CY | Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock<br>Note: Includes compacted aggregate | 7.56 | |
| | | *For Up To 20, Add* | *7.56* | |
| | | *For >20 To 50, Add* | *5.67* | |
| | | *For >50 To 250, Add* | *3.02* | |
| | | *For >250 To 500, Add* | *1.13* | |

## 31 23 16 36-0008 Excavation For Building Foundations And Other Structures By Hand *(31 23 16 36-0001)*

Note: For areas not accessible by machine and only with owner's approval.

| | | | | |
|---|---|---|---|---|
| 31 23 16 36-0009 | CY | Excavation For Building Foundations And Other Structures By Hand in Soil | 103.18 | |
| | | *For Excavation In Light Material (Class A), Deduct* | *-12.90* | |
| | | *For Excavation In Heavy/Wet Material (Class C), Add* | *41.27* | |
| 31 23 16 36-0010 | CY | Excavation For Building Foundations And Other Structures By Hand in Loose Rock<br>Note: Includes compacted aggregate | 176.99 | |

## 31 23 16 36-0011 Relocating On Site Excavated Material From Excavation *(31 23 16 36)*

Note: For building foundations and other structures over 100'.

| | | | | |
|---|---|---|---|---|
| 31 23 16 36-0012 | CY | Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >100' to 300' | 4.87 | |
| | | *For Up To 20, Add* | *4.87* | |
| | | *For >20 To 50, Add* | *3.65* | |
| | | *For >50 To 250, Add* | *1.95* | |
| | | *For >250 To 500, Add* | *0.73* | |
| 31 23 16 36-0013 | CY | Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >300' to 500' | 7.30 | |
| | | *For Up To 20, Add* | *7.30* | |
| | | *For >20 To 50, Add* | *5.48* | |
| | | *For >50 To 250, Add* | *2.92* | |
| | | *For >250 To 500, Add* | *1.10* | |
| 31 23 16 36-0014 | CY | Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >500' to 1,000' | 10.95 | |
| | | *For Up To 20, Add* | *10.95* | |
| | | *For >20 To 50, Add* | *8.21* | |
| | | *For >50 To 250, Add* | *4.38* | |
| | | *For >250 To 500, Add* | *1.64* | |
| 31 23 16 36-0015 | CY | Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >1,000' | 14.59 | |
| | | *For Up To 20, Add* | *14.59* | |
| | | *For >20 To 50, Add* | *10.94* | |
| | | *For >50 To 250, Add* | *5.84* | |
| | | *For >250 To 500, Add* | *2.19* | |

## 31 23 16 36-0016 Backfilling *(31 23 16 36)*

Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.

| | | | | |
|---|---|---|---|---|
| 31 23 16 36-0017 | CY | Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader | 3.93 | |
| | | *For Up To 20, Add* | *3.93* | |
| | | *For >20 To 50, Add* | *2.95* | |
| | | *For >50 To 250, Add* | *1.57* | |
| | | *For >250 To 500, Add* | *0.59* | |
| 31 23 16 36-0018 | CY | Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader | 4.92 | |
| | | *For Up To 20, Add* | *4.92* | |
| | | *For >20 To 50, Add* | *3.69* | |
| | | *For >50 To 250, Add* | *1.97* | |
| | | *For >250 To 500, Add* | *0.74* | |
| 31 23 16 36-0019 | CY | Backfilling Around Building Foundations And Other Structures By Hand | 49.14 | |

## 31 23 16 36-0020 Compaction Of Fill Or Subbase *(31 23 16 36)*

Note: For building foundations and other structures. See CSI section 31 23 23 23-0001 for compaction water.

| | | | | |
|---|---|---|---|---|
| 31 23 16 36-0021 | CY | Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera | 9.55 | |
| | | *For Up To 20, Add* | *9.55* | |
| | | *For >20 To 50, Add* | *7.16* | |
| | | *For >50 To 250, Add* | *3.82* | |
| | | *For >250 To 500, Add* | *1.43* | |
| 31 23 16 36-0022 | CY | Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand | 32.33 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 23 16 36-0023 | | **Grading** *(31 23 16 36)*<br>Note: For building foundations and other structures. | | |
| 31 23 16 36-0024 | SY | Rough Grading For Building Foundations And Other Structures by Machine | 1.05 | |
| 31 23 16 36-0025 | SY | Finish Grading For Building Foundations And Other Structures by Machine | 1.69 | |
| 31 23 16 36-0026 | SY | Finish Grading For Building Foundations And Other Structures by Hand | 9.55 | |
| 31 23 16 36-0027 | | **Loading Excess Material For Removal From Excavation** *(31 23 16 36)*<br>Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0037 for hauling. | | |
| 31 23 16 36-0028 | CY | Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine | 5.61 | |
| | | *For Up To 20, Add* | *5.61* | |
| | | *For >20 To 50, Add* | *4.21* | |
| | | *For >50 To 250, Add* | *2.24* | |
| | | *For >250 To 500, Add* | *0.84* | |
| 31 23 16 36-0029 | CY | Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand | 75.66 | |
| 31 23 16 36-0030 | | **Spread Material** *(31 23 16 36)*<br>Note: For building foundations and other structures. | | |
| 31 23 16 36-0031 | CY | Spread Excess Or Imported Material On Site By Machine | 2.83 | |
| | | *For Up To 20, Add* | *2.83* | |
| | | *For >20 To 50, Add* | *2.12* | |
| | | *For >50 To 250, Add* | *1.13* | |
| | | *For >250 To 500, Add* | *0.42* | |
| 31 23 16 36-0032 | CY | Spread Excess Or Imported Material On Site By Hand | 41.75 | |
| **31 23 19** | | **Dewatering** *(31 23)* | | |
| 31 23 19 00-0001 | | **Well Point Dewatering System** *(31 23 19)* | | |
| 31 23 19 00-0002 | | **Delivery, Installation And Removal Cost** *(31 23 19 00-0001)*<br>Note: Priced by linear foot of header used. | | |
| 31 23 19 00-0003 | LF | Up To 100' In Length Well Point System Delivery, Installation And Removal | 108.42 | |
| 31 23 19 00-0004 | LF | >100' To 250' In Length Well Point System Delivery, Installation And Removal | 59.63 | |
| 31 23 19 00-0005 | LF | >250' To 500' In Length Well Point System Delivery, Installation And Removal | 54.21 | |
| 31 23 19 00-0006 | LF | >250' To 500' In Length Well Point System Delivery, Installation And Removal | 48.79 | |
| 31 23 19 00-0007 | LF | >500' To 1,000' In Length Well Point System Delivery, Installation And Removal | 43.36 | |
| 31 23 19 00-0008 | LF | >1,000' In Length Well Point System Delivery, Installation And Removal | 37.94 | |
| 31 23 19 00-0009 | | **Well Point Dewatering System Rental** *(31 23 19 00-0001)*<br>Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs. | | |
| 31 23 19 00-0010 | LFD | Up To 100' In Length Well Point System Rental (LF x Days = Quantity) | 1.85 | |
| | | *For >5 Days And <1 Month, Deduct* | *-0.41* | |
| | | *For >1 Month, Deduct* | *-0.52* | |
| 31 23 19 00-0011 | LFD | >100' To 250' In Length Well Point System Rental (LF x Days = Quantity) | 1.08 | |
| | | *For >5 Days And <1 Month, Deduct* | *-0.24* | |
| | | *For >1 Month, Deduct* | *-0.30* | |
| 31 23 19 00-0012 | LFD | >250' To 500' In Length Well Point System Rental (LF x Days = Quantity) | 0.77 | |
| | | *For >5 Days And <1 Month, Deduct* | *-0.17* | |
| | | *For >1 Month, Deduct* | *-0.22* | |
| 31 23 19 00-0013 | LFD | >500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity) | 0.57 | |
| | | *For >5 Days And <1 Month, Deduct* | *-0.13* | |
| | | *For >1 Month, Deduct* | *-0.16* | |
| 31 23 19 00-0014 | LFD | >1,000' In Length Well Point System Rental (LF x Days = Quantity) | 0.52 | |
| | | *For >5 Days And <1 Month, Deduct* | *-0.11* | |
| | | *For >1 Month, Deduct* | *-0.15* | |
| 31 23 19 00-0015 | | **Well Point Dewatering System Operation Costs** *(31 23 19 00-0001)*<br>Note: The quantity for operation shall be the total number of hours the well point system is operational. | | |
| 31 23 19 00-0016 | HR | Operation Costs | 117.63 | |
| **31 23 23** | | **Fill** *(31 23)* | | |
| **31 23 23 23** | | **Compaction** *(31 23 23)* | | |
| 31 23 23 23-0001 | | **Compaction Water, Water Truck And Operator** *(31 23 23 23)* | | |
| 31 23 23 23-0002 | MGL | Compaction Water, Water Truck And Operator<br>Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01 22 23 00-1208 for water truck when water is available on site. | 195.93 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

**31 23 23 33 Flowable Fill** *(31 23 23)*

31 23 23 33-0001 Flowable Cement Backfill For Trenches *(31 23 23 33)*
Note: Includes compaction and restoration of final grade.

| | | | | |
|---|---|---|---|---|
| 31 23 23 33-0002 | CY | Flowable Cement Backfill for Trenches | 205.51 | |
| | | *For Up To 20, Add* | *74.54* | |
| | | *For >20 To 50, Add* | *48.83* | |
| | | *For >50 To 250, Add* | *24.42* | |
| | | *For >500 To 1,000, Deduct* | *-12.85* | |
| | | *For >1,000, Deduct* | *-25.71* | |

## 31 24 Embankments *(31 20)*

**31 24 13 Roadway Embankments** *(31 24)*

31 24 13 00-0001 Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations *(31 24 13)*
Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY. See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.

31 24 13 00-0002 Cutting, Shaping And Rough Grading *(31 24 13 00-0001)*
Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.

31 24 13 00-0003 Cutting, Shaping, And Rough Grading *(31 24 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 31 24 13 00-0004 | CY | Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil | 6.08 | |
| | | *For Up To 20, Add* | *6.08* | |
| | | *For >20 To 50, Add* | *4.56* | |
| | | *For >50 To 250, Add* | *2.43* | |
| | | *For >250 To 500, Add* | *0.91* | |
| | | *For >1,000, Deduct* | *-0.91* | |
| 31 24 13 00-0005 | CY | Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock | 7.54 | |
| | | Note: Includes compacted aggregate | | |
| | | *For Up To 20, Add* | *7.54* | |
| | | *For >20 To 50, Add* | *5.66* | |
| | | *For >50 To 250, Add* | *3.02* | |
| | | *For >250 To 500, Add* | *1.13* | |
| | | *For >1,000, Deduct* | *-1.13* | |

31 24 13 00-0006 Cutting, Shaping, And Rough Grading By Hand *(31 24 13 00-0002)*

| | | | |
|---|---|---|---|
| 31 24 13 00-0007 | SY | Shape Embankment/Slope By Hand Up To 1 On 4 Slope | 5.29 |
| 31 24 13 00-0008 | SY | Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope | 6.88 |

31 24 13 00-0009 Scarify Soil *(31 24 13 00-0001)*
Note: For roadways, parking areas, landscaping and embankments by machine.

| | | | | |
|---|---|---|---|---|
| 31 24 13 00-0010 | CSF | Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine | 5.63 | |
| | | *For Up To 20, Add* | *2.82* | |
| | | *For >20 To 50, Add* | *1.41* | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500, Deduct* | *-1.13* | |

31 24 13 00-0011 Relocating On Site Excavated Material *(31 24 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 31 24 13 00-0012 | CY | >500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine | 10.95 | |
| | | *For Up To 20, Add* | *10.95* | |
| | | *For >20 To 50, Add* | *8.21* | |
| | | *For >50 To 250, Add* | *4.38* | |
| | | *For >250 To 500, Add* | *1.64* | |
| | | *For >1,000, Deduct* | *-1.64* | |
| 31 24 13 00-0013 | CY | >1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine | 14.59 | |
| | | *For Up To 20, Add* | *14.59* | |
| | | *For >20 To 50, Add* | *10.94* | |
| | | *For >50 To 250, Add* | *5.84* | |
| | | *For >250 To 500, Add* | *2.19* | |
| | | *For >1,000, Deduct* | *-2.19* | |

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*
Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreadding material by hand.

| | | | | |
|---|---|---|---|---|
| 31 24 13 00-0015 | CY | Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine | 6.69 | |
| | | *For Up To 20, Add* | *6.69* | |
| | | *For >20 To 50, Add* | *5.02* | |
| | | *For >50 To 250, Add* | *2.68* | |
| | | *For >250 To 500, Add* | *1.00* | |
| | | *For >1,000, Deduct* | *-1.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

| | | | |
|---|---|---|---|
| 31 24 13 00-0017 | SY | Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine | 0.67 |
| 31 24 13 00-0018 | SY | Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine | 0.91 |
| 31 24 13 00-0019 | LF | Finish Grade For Curb | 1.02 |
| 31 24 13 00-0020 | LF | Finish Grade For Curb And Gutter | 1.25 |

### 31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

| | | | |
|---|---|---|---|
| 31 24 13 00-0022 | SY | Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift | 0.60 |
| | | *For Up To 250, Add* | *0.60* |
| | | *For >250 To 500, Add* | *0.45* |
| | | *For >500 To 1,000, Add* | *0.24* |
| | | *For >5,000, Deduct* | *-0.09* |

### 31 24 13 00-0023 Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.

| | | | |
|---|---|---|---|
| 31 24 13 00-0024 | CY | Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine | 5.38 |
| | | *For Up To 20, Add* | *5.38* |
| | | *For >20 To 50, Add* | *4.04* |
| | | *For >50 To 250, Add* | *2.15* |
| | | *For >250 To 500, Add* | *0.81* |
| | | *For >1,000, Deduct* | *-0.81* |

## 31 25 Erosion and Sedimentation Controls *(31 20)*

### 31 25 14 Stabilization Measures for Erosion and Sedimentation Control *(31 25)*

### 31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

#### 31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

| | | | |
|---|---|---|---|
| 31 25 14 13-0002 | MSF | Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied | 53.11 |
| 31 25 14 13-0003 | MSF | >25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied | 48.88 |
| 31 25 14 13-0004 | MSF | >50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied | 45.29 |
| 31 25 14 13-0005 | MSF | >100,000 Bonded Fiber Matrix, Hydraulically Applied | 43.25 |

### 31 25 14 16 Rolled Erosion Control Mats and Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

#### 31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

#### 31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

| | | | |
|---|---|---|---|
| 31 25 14 16-0003 | SY | S75 Single Net Erosion Control Blanket<br>Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green. | 2.67 |
| 31 25 14 16-0004 | SY | S75BN Single Net Erosion Control Blanket<br>Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green. | 3.49 |
| 31 25 14 16-0005 | SY | Curlex 1, Single Net Erosion Control Blanket<br>Note: As manufactured by American Excelsior | 2.53 |
| 31 25 14 16-0006 | SY | Curlex 1, Single Net Erosion Control Blanket<br>Note: As manufactured by American Green. | 2.67 |
| 31 25 14 16-0007 | SY | Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting | 2.35 |

#### 31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

| | | | |
|---|---|---|---|
| 31 25 14 16-0009 | SY | S150 Double Net Erosion Control Blanket<br>Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green. | 3.45 |
| 31 25 14 16-0010 | SY | S150 BN Double Net Erosion Control Blanket<br>Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green. | 4.73 |
| 31 25 14 16-0011 | SY | Curlex II, Double Net Erosion Control Blanket, Natural<br>Note: As manufactured by American Excelsior. | 2.85 |
| 31 25 14 16-0012 | SY | Curlex II, Double Net Erosion Control Blanket, Green<br>Note: As manufactured by American Excelsior. | 2.99 |
| 31 25 14 16-0013 | SY | Enforcer Double Net Erosion Control Blanket<br>Note: As manufactured by American Excelsior. | 3.20 |

#### 31 25 14 16-0014 Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)*

Note: Permanent, UV stabilized.

| | | | |
|---|---|---|---|
| 31 25 14 16-0015 | SY | P300 Permanent Polypropylene Turf Reinforcement Mat<br>Note: 100% synthetic, UV stabilized, two layer netting. | 12.28 |
| 31 25 14 16-0016 | SY | C350 Permanent Turf Reinforcement Mat<br>Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green. | 11.25 |
| 31 25 14 16-0017 | SY | Recyclex TRM, Permanent Turf Reinforcement Mat<br>Note: As manufactured by American Excelsior, 100% recycled | 14.43 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 25 14 16-0018 | | Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)* | | |
| 31 25 14 16-0019 | SY | Jute Mesh, Open Uniform Weave | 3.67 | |
| 31 25 14 16-0020 | | Revegetation Mat *(31 25 14 16-0001)* | | |
| 31 25 14 16-0021 | SY | 3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber<br>Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal. | 9.84 | |
| 31 25 14 16-0022 | SY | Webbed Revegetation Mat, Polypropylene Fiber<br>Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal. | 14.12 | |
| **31 25 14 23** | | **Stabilization Measures for Erosion Control** *(31 25 14)*<br>See CSI section 01 74 19 00-0037 for hauling greater than 15 miles. | | |
| 31 25 14 23-0001 | | Sand Bags *(31 25 14 23)*<br>Note: Bags filled on site with delivered material. Includes material and placement of bags. | | |
| 31 25 14 23-0002 | BAG | 50 LB Capacity Sand Bag With Sand | 5.43 | 2.17 |
| | | *For >2,500 To 5,000, Deduct* | *-0.43* | |
| | | *For >5,000, Deduct* | *-0.98* | |
| 31 25 14 23-0003 | BAG | 75 LB Capacity Sand Bag With Sand | 7.07 | 2.70 |
| | | *For >2,500 To 5,000, Deduct* | *-0.54* | |
| | | *For >5,000, Deduct* | *-1.25* | |
| 31 25 14 23-0004 | BAG | 100 LB Capacity Sand Bag With Sand | 8.99 | 3.23 |
| | | *For >2,500 To 5,000, Deduct* | *-0.65* | |
| | | *For >5,000, Deduct* | *-1.55* | |
| 31 25 14 23-0005 | BAG | 125 LB Capacity Sand Bag With Sand | 11.04 | 4.04 |
| | | *For >2,500 To 5,000, Deduct* | *-0.81* | |
| | | *For >5,000, Deduct* | *-1.91* | |
| 31 25 14 23-0006 | BAG | 150 LB Capacity Sand Bag With Sand | 13.46 | 4.84 |
| | | *For >2,500 To 5,000, Deduct* | *-0.97* | |
| | | *For >5,000, Deduct* | *-2.32* | |
| 31 25 14 23-0007 | BAG | 175 LB Capacity Sand Bag With Sand | 15.74 | 5.51 |
| | | *For >2,500 To 5,000, Deduct* | *-1.10* | |
| | | *For >5,000, Deduct* | *-2.68* | |
| 31 25 14 23-0008 | BAG | 2,000 LB Capacity Sand Bag With Sand | 138.29 | 40.44 |
| | | *For >2,500 To 5,000, Deduct* | *-7.92* | |
| | | *For >5,000, Deduct* | *-21.75* | |
| 31 25 14 23-0009 | BAG | 3,000 LB Capacity Sand Bag With Sand | 181.30 | 44.48 |
| | | *For >2,500 To 5,000, Deduct* | *-8.71* | |
| | | *For >5,000, Deduct* | *-26.84* | |
| 31 25 14 23-0010 | | Gravel Bags *(31 25 14 23)*<br>Note: Bags filled on site with delivered material. Includes material and placement of bags. | | |
| 31 25 14 23-0011 | BAG | 30 LB Capacity Gravel Bag With Gravel | 4.79 | 1.45 |
| | | *For >2,500 To 5,000, Deduct* | *-0.29* | |
| | | *For >5,000, Deduct* | *-0.77* | |
| 31 25 14 23-0012 | BAG | 50 LB Capacity Gravel Bag With Gravel | 8.87 | 2.17 |
| | | *For >2,500 To 5,000, Deduct* | *-0.43* | |
| | | *For >5,000, Deduct* | *-1.32* | |
| 31 25 14 23-0013 | | Floating Turbidity Curtain *(31 25 14 23)*<br>Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft buoyancy in saltwater. | | |
| 31 25 14 23-0014 | LF | 3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 24.88 | |
| | | *For Type 1, Deduct* | *-4.04* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-2.46* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *2.99* | |
| 31 25 14 23-0015 | LF | 4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 27.01 | |
| | | *For Type 1, Deduct* | *-4.45* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-2.71* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *3.29* | |
| 31 25 14 23-0016 | LF | 5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 29.96 | |
| | | *For Type 1, Deduct* | *-5.04* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-3.07* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *3.72* | |
| 31 25 14 23-0017 | LF | 6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 32.48 | |
| | | *For Type 1, Deduct* | *-5.52* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-3.36* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *4.08* | |
| 31 25 14 23-0018 | LF | 7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 34.07 | |
| | | *For Type 1, Deduct* | *-5.79* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-3.53* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *4.28* | |
| 31 25 14 23-0019 | LF | 8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 35.68 | |
| | | *For Type 1, Deduct* | *-6.06* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-3.69* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *4.48* | |
| 31 25 14 23-0020 | LF | 9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 37.56 | |
| | | *For Type 1, Deduct* | *-6.39* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-3.89* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *4.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 25 14 23-0021 | LF | 10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 40.16 | |
| | | *For Type 1, Deduct* | *-6.87* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-4.18* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *5.08* | |
| 31 25 14 23-0022 | LF | 12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 42.20 | |
| | | *For Type 1, Deduct* | *-7.22* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-4.40* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *5.34* | |
| 31 25 14 23-0023 | LF | 13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 44.95 | |
| | | *For Type 1, Deduct* | *-7.73* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-4.71* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *5.72* | |
| 31 25 14 23-0024 | LF | 14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 47.52 | |
| | | *For Type 1, Deduct* | *-8.19* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-4.99* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *6.06* | |
| 31 25 14 23-0025 | LF | 15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 49.99 | |
| | | *For Type 1, Deduct* | *-8.62* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-5.25* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *6.37* | |
| 31 25 14 23-0026 | LF | 16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 54.48 | |
| | | *For Type 1, Deduct* | *-9.51* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-5.79* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *7.03* | |
| 31 25 14 23-0027 | LF | 17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 57.13 | |
| | | *For Type 1, Deduct* | *-9.97* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-6.07* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *7.37* | |
| 31 25 14 23-0028 | LF | 18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 59.70 | |
| | | *For Type 1, Deduct* | *-10.40* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-6.33* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *7.69* | |
| 31 25 14 23-0029 | LF | 19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 62.40 | |
| | | *For Type 1, Deduct* | *-10.86* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-6.61* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *8.03* | |
| 31 25 14 23-0030 | LF | 20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain | 65.04 | |
| | | *For Type 1, Deduct* | *-11.29* | |
| | | *For 13 Oz PVC Fabric, Type 2, Deduct* | *-6.87* | |
| | | *For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add* | *8.35* | |

### 31 25 14 23-0031 Turbidity Curtain Anchors *(31 25 14 23)*

| | | | |
|---|---|---|---|
| 31 25 14 23-0032 | EA | 14 LB, Turbidity Curtain Anchor System<br>Note: Includes anchor, anchor chain, and marker buoy and rope. | 693.11 |
| 31 25 14 23-0033 | EA | 25 LB, Turbidity Curtain Anchor System<br>Note: Includes anchor, anchor chain, and marker buoy and rope. | 952.83 |
| 31 25 14 23-0034 | EA | 40 LB, Turbidity Curtain Anchor System<br>Note: Includes anchor, anchor chain, and marker buoy and rope. | 1,213.67 |
| 31 25 14 23-0035 | EA | 65 LB, Turbidity Curtain Anchor System<br>Note: Includes anchor, anchor chain, and marker buoy and rope. | 1,589.50 |

### 31 25 14 23-0036 Filter Bags *(31 25 14 23)*

### 31 25 14 23-0037 Non-Woven Filter Bags *(31 25 14 23-0036)*

| | | | |
|---|---|---|---|
| 31 25 14 23-0038 | EA | 6' x 15' Non-Woven Filter Bag | 215.35 |
| 31 25 14 23-0039 | EA | 13' x 15' Non-Woven Filter Bag | 311.90 |
| 31 25 14 23-0040 | EA | 15' x 15' Non-Woven Filter Bag | 358.25 |

### 31 25 14 23-0041 Monofilament Filter Bags *(31 25 14 23-0036)*

| | | | |
|---|---|---|---|
| 31 25 14 23-0042 | EA | 5' x 15' Monofilament Filter Bag | 224.00 |
| 31 25 14 23-0043 | EA | 10' x 15' Monofilament Filter Bag | 310.47 |

### 31 25 14 23-0044 Cable Articulating Concrete Block *(31 25 14 23)*

Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.

| | | | | |
|---|---|---|---|---|
| 31 25 14 23-0045 | SF | 4.75" Open Cell Articulated Concrete Block With Earth Backfill | 33.44 | |
| | | *For Up To 500, Add* | *7.57* | |
| | | *For >500 To 1,000, Add* | *4.23* | |
| 31 25 14 23-0046 | SF | 6" Open Cell Articulated Concrete Block With Earth Backfill | 38.18 | |
| | | *For Up To 500, Add* | *8.60* | |
| | | *For >500 To 1,000, Add* | *4.79* | |
| 31 25 14 23-0047 | SF | 7.5" Open Cell Articulated Concrete Block With Earth Backfill | 43.62 | |
| | | *For Up To 500, Add* | *9.79* | |
| | | *For >500 To 1,000, Add* | *5.43* | |
| 31 25 14 23-0048 | SF | 9" Open Cell Articulated Concrete Block With Earth Backfill | 49.16 | |
| | | *For Up To 500, Add* | *11.01* | |
| | | *For >500 To 1,000, Add* | *6.10* | |
| 31 25 14 23-0049 | SF | 4.75" Closed Cell Articulated Concrete Block | 35.81 | |
| | | *For Up To 500, Add* | *8.05* | |
| | | *For >500 To 1,000, Add* | *4.47* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 25 14 23-0050 | SF | 6" Closed Cell Articulated Concrete Block | 41.01 | |
| | | *For Up To 500, Add* | *9.17* | |
| | | *For >500 To 1,000, Add* | *5.07* | |
| 31 25 14 23-0051 | SF | 7.5" Closed Cell Articulated Concrete Block | 46.97 | |
| | | *For Up To 500, Add* | *10.46* | |
| | | *For >500 To 1,000, Add* | *5.76* | |
| 31 25 14 23-0052 | SF | 9" Closed Cell Articulated Concrete Block | 53.00 | |
| | | *For Up To 500, Add* | *11.78* | |
| | | *For >500 To 1,000, Add* | *6.48* | |

### 31 25 14 26 Stabilization Measures for Sedimentation Control *(31 25 14)*

31 25 14 26-0001 Silt Fences And Dike Barriers *(31 25 14 26)*
Note: Includes stakes and embedding.

31 25 14 26-0002 Silt Fences 2' High *(31 25 14 26-0001)*
See CSI section 31 25 14 26-0014 for removal of silt fence.

| | | | |
|---|---|---|---|
| 31 25 14 26-0003 | LF | 2' High Silt Fence with Stakes at 4' On Center | 2.55 |
| 31 25 14 26-0004 | LF | 2' High Silt Fence with Stakes at 6' On Center | 1.99 |
| 31 25 14 26-0005 | LF | 2' High Silt Fence with Stakes at 8' On Center | 1.44 |
| 31 25 14 26-0006 | LF | 2' High Silt Fence with Stakes at 10' On Center | 1.25 |

31 25 14 26-0007 Silt Fences 3' High *(31 25 14 26-0001)*
See CSI section 31 25 14 26-0014 for removal of silt fence.

| | | | |
|---|---|---|---|
| 31 25 14 26-0008 | LF | 3' High Silt Fence with Stakes at 4' On Center | 2.64 |
| 31 25 14 26-0009 | LF | 3' High Silt Fence with Stakes at 6' On Center | 2.17 |
| 31 25 14 26-0010 | LF | 3' High Silt Fence with Stakes at 8' On Center | 1.93 |
| 31 25 14 26-0011 | LF | 3' High Silt Fence with Stakes at 10' On Center | 1.31 |

31 25 14 26-0012 Silt Dike Barrier *(31 25 14 26-0001)*

| | | | |
|---|---|---|---|
| 31 25 14 26-0013 | LF | Silt Dike Barrier With Stakes | 3.09 |

31 25 14 26-0014 Silt Fences Removal *(31 25 14 26-0001)*

| | | | |
|---|---|---|---|
| 31 25 14 26-0015 | LF | Removal Of Silt Fence And Stakes | 0.68 |

31 25 14 26-0016 Hay And Straw Bales *(31 25 14 26)*
Note: Includes trench for placement, and stakes.

| | | | |
|---|---|---|---|
| 31 25 14 26-0017 | LF | Place Sterlized Straw Bales | 4.55 |
| | | Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale. | |
| 31 25 14 26-0018 | LF | Place Hay Bales | 4.13 |
| | | Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale. | |
| 31 25 14 26-0019 | LF | Removal Of Hay Or Straw Bales | 1.23 |
| | | Note: Includes removal of stakes. | |

31 25 14 26-0020 Sediment Logs (Degradable) *(31 25 14 26)*

31 25 14 26-0021 Sediment Logs (Degradable) *(31 25 14 26-0020)*
Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.

| | | | |
|---|---|---|---|
| 31 25 14 26-0022 | LF | 12" Sediment Log | 7.00 |
| 31 25 14 26-0023 | LF | 20" Sediment Log | 9.45 |

31 25 14 26-0024 Wattles (Degradable) With UV Stabilizied Synthetic Netting *(31 25 14 26-0020)*
Note: Includes trench for placement, 24" wood staking at 4' on-center

| | | | |
|---|---|---|---|
| 31 25 14 26-0025 | EA | Wattles (Sterile Straw Filled Rolls), 9" x 25' | 154.49 |
| 31 25 14 26-0026 | EA | Wattles (Sterile Straw Filled Rolls), 12" x 20' | 151.25 |

31 25 14 26-0027 Inlet Protection Sediment Bags *(31 25 14 26)*
Note: Includes removal, cleaning, and replacement per each location.

| | | | |
|---|---|---|---|
| 31 25 14 26-0028 | EA | 2' x 2' x 3' Inlet Protection Sediment Bag | 51.93 |
| 31 25 14 26-0029 | EA | 2' x 3' x 3' Inlet Protection Sediment Bag | 66.22 |
| 31 25 14 26-0030 | EA | 2' x 4' x 3' Inlet Protection Sediment Bag | 82.97 |

## 31 30 Earthwork Methods *(31)*

## 31 31 Soil Treatment *(31 30)*

### 31 31 16 Termite Control *(31 31)*

### 31 31 16 13 Chemical Termite Control *(31 31 16)*

31 31 16 13-0001 Commercial Use *(31 31 16 13)*

| | | | |
|---|---|---|---|
| 31 31 16 13-0002 | SF | Termite Pretreatment, Commercial Soil Poisoning Under Slab | 1.07 |
| 31 31 16 13-0003 | SF | Termite Pretreatment, Commercial Slab And Walls | 1.07 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 31 16 13-0004 | | Residential Use *(31 31 16 13)* | | |
| 31 31 16 13-0005 | SF | Termite Pretreatment, Residential General Spraying Walls And Slab | 0.83 | |
| 31 31 16 13-0006 | SF | Termite Treatment, Existing Residential Structure | 1.12 | |
| **31 31 19** | | **Vegetation Control** *(31 31)* | | |
| **31 31 19 13** | | **Chemical Vegetation Control** *(31 31 19)* | | |
| 31 31 19 13-0001 | | Soil Sterilants *(31 31 19 13)* | | |
| 31 31 19 13-0002 | MSF | Soil Sterilant | 28.17 | |
| | | Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more. | | |
| | | *For >45 To 90, Deduct* | *-0.40* | |
| | | *For >90 To 225, Deduct* | *-2.20* | |
| | | *For >225, Deduct* | *-2.99* | |
| 31 32 | | Soil Stabilization *(31 30)* | | |
| **31 32 13** | | **Soil Mixing Stabilization** *(31 32)* | | |
| **31 32 13 16** | | **Cement Soil Stabilization** *(31 32 13)* | | |
| 31 32 13 16-0001 | | Cementitious Soil Binder *(31 32 13 16)* | | |
| 31 32 13 16-0002 | CY | Cementitious Soil Binder, 4% Cement Mix By Volume | 33.69 | |
| 31 32 13 16-0003 | CY | Cementitious Soil Binder, 6% Cement Mix By Volume | 38.89 | |
| 31 32 13 16-0004 | CY | Cementitious Soil Binder, 9% Cement Mix By Volume | 47.45 | |
| 31 32 13 16-0005 | CY | Cementitious Soil Binder, 12% Cement Mix By Volume | 55.89 | |
| **31 32 13 19** | | **Lime Soil Stabilization** *(31 32 13)* | | |
| | | Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles. | | |
| 31 32 13 19-0001 | | Lime Slurry *(31 32 13 19)* | | |
| 31 32 13 19-0002 | LCY | Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume | 28.01 | |
| 31 32 13 19-0003 | TON | Cement Stabilized Base Material | 58.99 | |
| 31 32 13 19-0004 | CWT | Lime For Soil Stabilization | 8.50 | |
| | | Note: Excludes the cost for spreading or backfilling | | |
| 31 32 13 19-0005 | LCY | Roller, Grader - Lime Stabilization | 17.57 | |
| 31 32 13 19-0006 | LCY | Roller, Grader - Cement Stabilization | 3.88 | |
| 31 32 13 19-0007 | | Lime Stabilized Subgrade *(31 32 13 19)* | | |
| | | Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%). | | |
| 31 32 13 19-0008 | SY | 6" Thick Lime Stabilized Subgrade, 25 LB | 7.40 | |
| | | *For 4% Lime Instead Of 5%, Deduct* | *-0.15* | |
| | | *For 6% Lime Instead Of 5%, Add* | *0.15* | |
| 31 32 13 19-0009 | SY | 7" Thick Lime Stabilized Subgrade, 29 LB | 8.60 | |
| | | *For 4% Lime Instead Of 5%, Deduct* | *-0.17* | |
| | | *For 6% Lime Instead Of 5%, Add* | *0.17* | |
| 31 32 13 19-0010 | SY | 8" Thick Lime Stabilized Subgrade, 33 LB | 9.82 | |
| | | *For 4% Lime Instead Of 5%, Deduct* | *-0.20* | |
| | | *For 6% Lime Instead Of 5%, Add* | *0.20* | |
| **31 32 13 29** | | **Liquid Soil Stabilization** *(31 32 13)* | | |
| 31 32 13 29-0001 | GAL | Polyacrylamide And Calcium Solution | 2.48 | |
| **31 32 19** | | **Geosynthetic Soil Stabilization and Layer Separation** *(31 32)* | | |
| **31 32 19 13** | | **Geogrid Soil Stabilization** *(31 32 19)* | | |
| 31 32 19 13-0001 | | Geogrid Fabrics *(31 32 19 13)* | | |
| | | Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications. | | |
| 31 32 19 13-0002 | SY | 5.3 Ounce/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150) | 5.10 | |
| | | *For Up To 50, Add* | *1.10* | |
| | | *For >50 To 150, Add* | *0.82* | |
| | | *For >150 To 250, Add* | *0.54* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 31 32 19 13-0003 | SY | 6.9 Ounce/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300) | 5.84 | |
| | | *For Up To 50, Add* | *1.26* | |
| | | *For >50 To 150, Add* | *0.94* | |
| | | *For >150 To 250, Add* | *0.61* | |
| | | *For >250 To 500, Add* | *0.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 32 19 13-0004 | SY | 8.7 Ounce/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500) | 6.37 | |
| | | *For Up To 50, Add* | *1.37* | |
| | | *For >50 To 150, Add* | *1.02* | |
| | | *For >150 To 250, Add* | *0.67* | |
| | | *For >250 To 500, Add* | *0.33* | |
| 31 32 19 13-0005 | SY | 12.6 Ounce/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800) | 9.21 | |
| | | *For Up To 50, Add* | *1.94* | |
| | | *For >50 To 150, Add* | *1.45* | |
| | | *For >150 To 250, Add* | *0.95* | |
| | | *For >250 To 500, Add* | *0.48* | |
| 31 32 19 13-0006 | SY | 14.1 Ounce/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000) | 10.55 | |
| | | *For Up To 50, Add* | *2.21* | |
| | | *For >50 To 150, Add* | *1.65* | |
| | | *For >150 To 250, Add* | *1.09* | |
| | | *For >250 To 500, Add* | *0.54* | |
| 31 32 19 13-0007 | SY | 4.3 Ounce/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20) | 5.18 | |
| | | *For Up To 50, Add* | *1.12* | |
| | | *For >50 To 150, Add* | *0.83* | |
| | | *For >150 To 250, Add* | *0.55* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 31 32 19 13-0008 | SY | 5.9 Ounce/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30) | 7.68 | |
| | | *For Up To 50, Add* | *1.63* | |
| | | *For >50 To 150, Add* | *1.21* | |
| | | *For >150 To 250, Add* | *0.80* | |
| | | *For >250 To 500, Add* | *0.40* | |

## 31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

### 31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation.

| | | | | |
|---|---|---|---|---|
| 31 32 19 16-0002 | SY | 3.0 Ounce/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS) | 1.58 | |
| | | *For Up To 50, Add* | *0.35* | |
| | | *For >50 To 150, Add* | *0.26* | |
| | | *For >150 To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.08* | |
| 31 32 19 16-0003 | SY | 3.5 Ounce/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS) | 1.70 | |
| | | *For Up To 50, Add* | *0.37* | |
| | | *For >50 To 150, Add* | *0.28* | |
| | | *For >150 To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.09* | |
| 31 32 19 16-0004 | SY | 4.0 Ounce/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS) | 1.84 | |
| | | *For Up To 50, Add* | *0.40* | |
| | | *For >50 To 150, Add* | *0.30* | |
| | | *For >150 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 31 32 19 16-0005 | SY | 4.5 Ounce/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS) | 1.99 | |
| | | *For Up To 50, Add* | *0.43* | |
| | | *For >50 To 150, Add* | *0.32* | |
| | | *For >150 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.11* | |
| 31 32 19 16-0006 | SY | 6.0 Ounce/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS) | 2.36 | |
| | | *For Up To 50, Add* | *0.51* | |
| | | *For >50 To 150, Add* | *0.38* | |
| | | *For >150 To 250, Add* | *0.25* | |
| | | *For >250 To 500, Add* | *0.12* | |
| 31 32 19 16-0007 | SY | 7.0 Ounce/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS) | 2.76 | |
| | | *For Up To 50, Add* | *0.59* | |
| | | *For >50 To 150, Add* | *0.44* | |
| | | *For >150 To 250, Add* | *0.29* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 31 32 19 16-0008 | SY | 8.0 Ounce/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS) | 3.05 | |
| | | *For Up To 50, Add* | *0.65* | |
| | | *For >50 To 150, Add* | *0.49* | |
| | | *For >150 To 250, Add* | *0.32* | |
| | | *For >250 To 500, Add* | *0.16* | |
| 31 32 19 16-0009 | SY | 10 Ounce/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS) | 3.77 | |
| | | *For Up To 50, Add* | *0.80* | |
| | | *For >50 To 150, Add* | *0.59* | |
| | | *For >150 To 250, Add* | *0.39* | |
| | | *For >250 To 500, Add* | *0.20* | |

### 31 32 19 16-0010 Woven Geotextiles Fabric *(31 32 19 16)*

| | | | | |
|---|---|---|---|---|
| 31 32 19 16-0011 | SY | 200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55) | 2.30 | |
| | | *For Up To 50, Add* | *0.49* | |
| | | *For >50 To 150, Add* | *0.37* | |
| | | *For >150 To 250, Add* | *0.24* | |
| | | *For >250 To 500, Add* | *0.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 32 19 16-0012 | SY | 315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66) | 3.25 | |
| | | *For Up To 50, Add* | *0.68* | |
| | | *For >50 To 150, Add* | *0.51* | |
| | | *For >150 To 250, Add* | *0.34* | |
| | | *For >250 To 500, Add* | *0.17* | |
| 31 32 19 16-0013 | SY | 4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%) | 5.76 | |
| | | *For Up To 50, Add* | *1.19* | |
| | | *For >50 To 150, Add* | *0.89* | |
| | | *For >150 To 250, Add* | *0.59* | |
| | | *For >250 To 500, Add* | *0.30* | |
| 31 32 19 16-0014 | SY | 11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%) | 5.62 | |
| | | *For Up To 50, Add* | *1.17* | |
| | | *For >50 To 150, Add* | *0.87* | |
| | | *For >150 To 250, Add* | *0.58* | |
| | | *For >250 To 500, Add* | *0.29* | |
| 31 32 19 16-0015 | SY | 6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF) | 4.90 | |
| | | *For Up To 50, Add* | *1.02* | |
| | | *For >50 To 150, Add* | *0.76* | |
| | | *For >150 To 250, Add* | *0.50* | |
| | | *For >250 To 500, Add* | *0.25* | |
| 31 32 19 16-0016 | SY | 9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF) | 5.25 | |
| | | *For Up To 50, Add* | *1.09* | |
| | | *For >50 To 150, Add* | *0.82* | |
| | | *For >150 To 250, Add* | *0.54* | |
| | | *For >250 To 500, Add* | *0.27* | |
| 31 32 19 16-0017 | SY | 12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF) | 6.72 | |
| | | *For Up To 50, Add* | *1.39* | |
| | | *For >50 To 150, Add* | *1.04* | |
| | | *For >150 To 250, Add* | *0.69* | |
| | | *For >250 To 500, Add* | *0.34* | |
| 31 32 19 16-0018 | SY | 12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF) | 9.60 | |
| | | *For Up To 50, Add* | *1.96* | |
| | | *For >50 To 150, Add* | *1.47* | |
| | | *For >150 To 250, Add* | *0.97* | |
| | | *For >250 To 500, Add* | *0.49* | |

### 31 32 19 16-0019 Geomembranes *(31 32 19 16)*

### 31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane *(31 32 19 16-0019)*

| | | | |
|---|---|---|---|
| 31 32 19 16-0021 | SF | 20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 1.23 |
| 31 32 19 16-0022 | SF | 30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 1.42 |
| 31 32 19 16-0023 | SF | 40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 1.73 |
| 31 32 19 16-0024 | SF | 50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 2.08 |
| 31 32 19 16-0025 | SF | 60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 2.38 |
| 31 32 19 16-0026 | SF | 70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 2.61 |
| 31 32 19 16-0027 | SF | 80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 2.83 |
| 31 32 19 16-0028 | SF | 90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 3.13 |
| 31 32 19 16-0029 | SF | 100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics) | 3.42 |

### 31 32 19 16-0030 High Density Polyethylene (HDPE) Geomembrane *(31 32 19 16-0019)*

| | | | |
|---|---|---|---|
| 31 32 19 16-0031 | SF | 20 Mil High Density Polyethylene Membrane (US Fabrics) | 0.82 |
| 31 32 19 16-0032 | SF | 30 Mil High Density Polyethylene Membrane (US Fabrics) | 0.85 |
| 31 32 19 16-0033 | SF | 40 Mil High Density Polyethylene Membrane (US Fabrics) | 0.98 |
| 31 32 19 16-0034 | SF | 50 Mil High Density Polyethylene Membrane (US Fabrics) | 1.54 |
| 31 32 19 16-0035 | SF | 60 Mil High Density Polyethylene Membrane (US Fabrics) | 1.21 |
| 31 32 19 16-0036 | SF | 80 Mil High Density Polyethylene Membrane (US Fabrics) | 1.47 |
| 31 32 19 16-0037 | SF | 100 Mil High Density Polyethylene Membrane (US Fabrics) | 1.73 |
| 31 32 19 16-0038 | SF | 120 Mil High Density Polyethylene Membrane (US Fabrics) | 3.04 |
| 31 32 19 16-0039 | SF | 140 Mil High Density Polyethylene Membrane (US Fabrics) | 3.15 |

## 31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

### 31 32 19 26-0001 Geoweb Cellular Confinement System *(31 32 19 26)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

| | | | |
|---|---|---|---|
| 31 32 19 26-0002 | SF | 4" Geoweb Cellular Confinement System (Presto Geosystems) | 6.69 |
| | | *For >20,000, Deduct* | *-0.18* |
| | | *For >2:1 Slope, Add* | *1.00* |
| 31 32 19 26-0003 | SF | 6" Geoweb Cellular Confinement System (Presto Geosystems) | 8.34 |
| | | *For >20,000, Deduct* | *-0.27* |
| | | *For >2:1 Slope, Add* | *1.00* |
| 31 32 19 26-0004 | SF | 8" Geoweb Cellular Confinement System (Presto Geosystems) | 10.29 |
| | | *For >20,000, Deduct* | *-0.36* |
| | | *For >2:1 Slope, Add* | *1.00* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 31 35 Slope Protection *(31 30)*

### 31 35 19 Geosynthetic Slope Protection *(31 35)*

#### 31 35 19 19 Slope Protection with Mulch Control Netting *(31 35 19)*

31 35 19 19-0001 Erosion Control Fabric *(31 35 19 19)*

| | | | |
|---|---|---|---|
| 31 35 19 19-0002 | SY | 26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocoir 900) | 4.54 |

## 31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

### 31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

| | | | |
|---|---|---|---|
| 31 36 13 00-0002 | SY | 6" Deep Stone Filled Gabion Slope Protection | 61.22 |
| 31 36 13 00-0003 | SY | 9" Deep Stone Filled Gabion Slope Protection | 72.51 |
| 31 36 13 00-0004 | SY | 12" Deep Stone Filled Gabion Slope Protection | 88.05 |
| 31 36 13 00-0005 | SY | 15" Deep Stone Filled Gabion Slope Protection | 103.79 |
| 31 36 13 00-0006 | SY | 18" Deep Stone Filled Gabion Slope Protection | 121.78 |
| 31 36 13 00-0007 | SY | 24" Deep Stone Filled Gabion Slope Protection | 166.88 |
| 31 36 13 00-0008 | SY | 36" Deep Stone Filled Gabion Slope Protection | 211.12 |

## 31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

### 31 37 13 Machined Riprap *(31 37)*

31 37 13 00-0001 Random - Filter Stone *(31 37 13)*

| | | | |
|---|---|---|---|
| 31 37 13 00-0002 | CY | 10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap | 60.11 |
| | | *For Chinking Material, Add* | *14.18* |
| 31 37 13 00-0003 | CY | >50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap | 69.33 |
| | | *For Chinking Material, Add* | *14.18* |
| 31 37 13 00-0004 | CY | >100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap | 73.67 |
| | | *For Chinking Material, Add* | *14.18* |
| 31 37 13 00-0005 | CY | >200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap | 78.61 |
| | | *For Chinking Material, Add* | *14.18* |
| 31 37 13 00-0006 | CY | >300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap | 82.59 |
| | | *For Chinking Material, Add* | *14.18* |
| 31 37 13 00-0007 | CY | >600 LB Average Pieces Random, Dumped From Truck, Rip Rap | 89.10 |
| 31 37 13 00-0008 | CY | 3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap | 103.60 |
| 31 37 13 00-0009 | TON | 10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap | 40.09 |
| 31 37 13 00-0010 | TON | >50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap | 45.94 |
| 31 37 13 00-0011 | TON | >100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap | 48.70 |
| 31 37 13 00-0012 | TON | >200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap | 51.83 |
| 31 37 13 00-0013 | TON | >300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap | 54.36 |
| 31 37 13 00-0014 | TON | >600 LB Average Pieces Random, Dumped From Truck, Rip Rap | 58.55 |
| 31 37 13 00-0015 | TON | 3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap | 70.12 |

# 31 40 Shoring and Underpinning *(31)*

## 31 41 Shoring *(31 40)*

### 31 41 13 Timber Shoring *(31 41)*

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

31 41 13 00-0002 Pull And Salvage *(31 41 13 00-0001)*

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

| | | | |
|---|---|---|---|
| 31 41 13 00-0003 | SF | 8' Deep Excavation, Wood Shoring, Pull And Salvage | 13.28 |
| | | *For Wood Sheeting Left In Place* | *1.61* |
| 31 41 13 00-0004 | SF | 10' Deep Excavation, Wood Shoring, Pull And Salvage | 14.24 |
| | | *For Wood Sheeting Left In Place* | *1.52* |
| 31 41 13 00-0005 | SF | 12' Deep Excavation, Wood Shoring, Pull And Salvage | 15.29 |
| | | *For Wood Sheeting Left In Place* | *1.43* |
| 31 41 13 00-0006 | SF | 14' Deep Excavation, Wood Shoring, Pull And Salvage | 16.41 |
| | | *For Wood Sheeting Left In Place* | *1.29* |
| 31 41 13 00-0007 | SF | 16' Deep Excavation, Wood Shoring, Pull And Salvage | 17.63 |
| | | *For Wood Sheeting Left In Place* | *1.16* |
| 31 41 13 00-0008 | SF | 18' Deep Excavation, Wood Shoring, Pull And Salvage | 18.92 |
| | | *For Wood Sheeting Left In Place* | *0.97* |
| 31 41 13 00-0009 | SF | 20' Deep Excavation, Wood Shoring, Pull And Salvage | 20.36 |
| | | *For Wood Sheeting Left In Place* | *0.79* |

### 31 41 16 Sheet Piling *(31 41)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

### 31 41 16 13 Steel Sheet Piling *(31 41 16)*

#### 31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage *(31 41 16 13)*

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

| | | | | |
|---|---|---|---|---|
| 31 41 16 13-0002 | TON | Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage | 1,810.19 | |
| | | *For Standard Sheeting Left In Place, Add* | *1,281.74* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add* | *1,238.87* | |
| | | *For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add* | *96.48* | |
| | | *For High Strength Sheeting 55,000 PSI Grade, Add* | *107.20* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add* | *332.31* | |
| | | *For Each Additional Month >3 Months, Add* | *53.60* | |
| 31 41 16 13-0003 | TON | Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage | 1,878.84 | |
| | | *For Standard Sheeting Left In Place, Add* | *1,247.42* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add* | *1,204.54* | |
| | | *For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add* | *96.48* | |
| | | *For High Strength Sheeting 55,000 PSI Grade, Add* | *107.20* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add* | *332.31* | |
| | | *For Each Additional Month >3 Months, Add* | *53.60* | |
| 31 41 16 13-0004 | TON | Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage | 2,197.99 | |
| | | *For Standard Sheeting Left In Place, Add* | *1,087.84* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add* | *1,044.97* | |
| | | *For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add* | *96.48* | |
| | | *For High Strength Sheeting 55,000 PSI Grade, Add* | *107.20* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add* | *332.31* | |
| | | *For Each Additional Month >3 Months, Add* | *53.60* | |
| 31 41 16 13-0005 | TON | Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage | 2,505.09 | |
| | | *For Standard Sheeting Left In Place, Add* | *934.29* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add* | *891.42* | |
| | | *For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add* | *96.48* | |
| | | *For High Strength Sheeting 55,000 PSI Grade, Add* | *107.20* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add* | *332.31* | |
| | | *For Each Additional Month >3 Months, Add* | *53.60* | |
| 31 41 16 13-0006 | TON | Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage | 2,685.75 | |
| | | *For Standard Sheeting Left In Place, Add* | *843.96* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add* | *801.09* | |
| | | *For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add* | *96.48* | |
| | | *For High Strength Sheeting 55,000 PSI Grade, Add* | *107.20* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add* | *332.31* | |
| | | *For Each Additional Month >3 Months, Add* | *53.60* | |
| 31 41 16 13-0007 | TON | Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage | 2,870.01 | |
| | | *For Standard Sheeting Left In Place, Add* | *751.83* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add* | *708.96* | |
| | | *For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add* | *96.48* | |
| | | *For High Strength Sheeting 55,000 PSI Grade, Add* | *107.20* | |
| | | *For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add* | *332.31* | |
| | | *For Each Additional Month >3 Months, Add* | *53.60* | |

## 31 45 Vibroflotation and Densification *(31 40)*

### 31 45 13 Vibroflotation *(31 45)*

| | | | |
|---|---|---|---|
| 31 45 13 00-0001 | LCY | Soil Stabilization, Vibroflotation | 14.07 |

# 31 60 Special Foundations and Load-bearing Elements *(31)*

## 31 62 Driven Piles *(31 60)*

### 31 62 13 Concrete Piles *(31 62)*

### 31 62 13 23 Prestressed Concrete Piles *(31 62 13)*

#### 31 62 13 23-0001 Square Prestressed Driven Concrete Piles *(31 62 13 23)*

| | | | | |
|---|---|---|---|---|
| 31 62 13 23-0002 | VLF | 10" Square Prestressed Driven Concrete Pile | 30.37 | |
| | | *For Piles Driven In Water, Add* | *13.41* | |
| | | *For >3 To 9, Deduct* | *-1.41* | |
| | | *For >9, Deduct* | *-2.92* | |
| 31 62 13 23-0003 | VLF | 12" Square Prestressed Driven Concrete Pile | 38.52 | |
| | | *For Piles Driven In Water, Add* | *15.19* | |
| | | *For >3 To 9, Deduct* | *-1.94* | |
| | | *For >9, Deduct* | *-4.02* | |
| 31 62 13 23-0004 | VLF | 14" Square Prestressed Driven Concrete Pile | 47.11 | |
| | | *For Piles Driven In Water, Add* | *16.82* | |
| | | *For >3 To 9, Deduct* | *-2.52* | |
| | | *For >9, Deduct* | *-5.22* | |
| 31 62 13 23-0005 | VLF | 16" Square Prestressed Driven Concrete Pile | 58.17 | |
| | | *For Piles Driven In Water, Add* | *18.79* | |
| | | *For >3 To 9, Deduct* | *-3.28* | |
| | | *For >9, Deduct* | *-6.78* | |
| 31 62 13 23-0006 | VLF | 18" Square Prestressed Driven Concrete Pile | 71.05 | |
| | | *For Piles Driven In Water, Add* | *21.06* | |
| | | *For >3 To 9, Deduct* | *-4.17* | |
| | | *For >9, Deduct* | *-8.61* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 62 13 23-0007 | VLF | 20" Square Prestressed Driven Concrete Pile | 82.44 | |
| | | *For Piles Driven In Water, Add* | *23.36* | |
| | | *For >3 To 9, Deduct* | *-4.92* | |
| | | *For >9, Deduct* | *-10.17* | |
| 31 62 13 23-0008 | VLF | 24" Square Prestressed Driven Concrete Pile | 105.85 | |
| | | *For Piles Driven In Water, Add* | *27.08* | |
| | | *For >3 To 9, Deduct* | *-6.56* | |
| | | *For >9, Deduct* | *-13.57* | |

### 31 62 13 23-0009 Octagonal Prestressed Driven Concrete Piles *(31 62 13 23)*

| | | | | |
|---|---|---|---|---|
| 31 62 13 23-0010 | VLF | 12" Octagonal Prestressed Driven Concrete Pile | 34.36 | |
| | | *For Piles Driven In Water, Add* | *14.11* | |
| | | *For >3 To 9, Deduct* | *-1.69* | |
| | | *For >9, Deduct* | *-3.49* | |
| 31 62 13 23-0011 | VLF | 14" Octagonal Prestressed Driven Concrete Pile | 42.60 | |
| | | *For Piles Driven In Water, Add* | *15.60* | |
| | | *For >3 To 9, Deduct* | *-2.25* | |
| | | *For >9, Deduct* | *-4.65* | |
| 31 62 13 23-0012 | VLF | 16" Octagonal Prestressed Driven Concrete Pile | 50.95 | |
| | | *For Piles Driven In Water, Add* | *17.20* | |
| | | *For >3 To 9, Deduct* | *-2.81* | |
| | | *For >9, Deduct* | *-5.81* | |
| 31 62 13 23-0013 | VLF | 18" Octagonal Prestressed Driven Concrete Pile | 61.28 | |
| | | *For Piles Driven In Water, Add* | *19.10* | |
| | | *For >3 To 9, Deduct* | *-3.52* | |
| | | *For >9, Deduct* | *-7.26* | |
| 31 62 13 23-0014 | VLF | 20" Octagonal Prestressed Driven Concrete Pile | 65.18 | |
| | | *For Piles Driven In Water, Add* | *20.48* | |
| | | *For >3 To 9, Deduct* | *-3.73* | |
| | | *For >9, Deduct* | *-7.70* | |
| 31 62 13 23-0015 | VLF | 24" Octagonal Prestressed Driven Concrete Pile | 69.29 | |
| | | *For Piles Driven In Water, Add* | *22.05* | |
| | | *For >3 To 9, Deduct* | *-3.94* | |
| | | *For >9, Deduct* | *-8.14* | |

### 31 62 13 23-0016 Straight Cylinder Prestressed Driven Concrete Piles *(31 62 13 23)*

| | | | | |
|---|---|---|---|---|
| 31 62 13 23-0017 | VLF | 12" Diameter, 2-3/8" Wall, Straight Cylinder Prestressed Driven Concrete Pile | 50.63 | |
| | | *For Piles Driven In Water, Add* | *15.15* | |
| | | *For >3 To 9, Deduct* | *-2.96* | |
| | | *For >9, Deduct* | *-6.11* | |
| 31 62 13 23-0018 | VLF | 14" Diameter, 2-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile | 60.29 | |
| | | *For Piles Driven In Water, Add* | *16.70* | |
| | | *For >3 To 9, Deduct* | *-3.63* | |
| | | *For >9, Deduct* | *-7.51* | |
| 31 62 13 23-0019 | VLF | 16" Diameter, 3" Wall, Straight Cylinder Prestressed Driven Concrete Pile | 71.73 | |
| | | *For Piles Driven In Water, Add* | *18.51* | |
| | | *For >3 To 9, Deduct* | *-4.43* | |
| | | *For >9, Deduct* | *-9.17* | |
| 31 62 13 23-0020 | VLF | 18" Diameter, 3-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile | 81.34 | |
| | | *For Piles Driven In Water, Add* | *20.24* | |
| | | *For >3 To 9, Deduct* | *-5.09* | |
| | | *For >9, Deduct* | *-10.52* | |
| 31 62 13 23-0021 | VLF | 20" Diameter, 4" Wall, Straight Cylinder Prestressed Driven Concrete Pile | 102.74 | |
| | | *For Piles Driven In Water, Add* | *23.24* | |
| | | *For >3 To 9, Deduct* | *-6.62* | |
| | | *For >9, Deduct* | *-13.69* | |
| 31 62 13 23-0022 | VLF | 24" Diameter, 5" Wall, Straight Cylinder Prestressed Driven Concrete Pile | 127.45 | |
| | | *For Piles Driven In Water, Add* | *26.70* | |
| | | *For >3 To 9, Deduct* | *-8.40* | |
| | | *For >9, Deduct* | *-17.35* | |

## 31 62 16 Steel Piles *(31 62)*

### 31 62 16 16 Steel H Piles *(31 62 16)*

### 31 62 16 16-0001 Rolled, Driven Steel H Piles *(31 62 16 16)*

| | | | | |
|---|---|---|---|---|
| 31 62 16 16-0002 | VLF | 8" x 8" x 36 LB/FT, Rolled, Driven Steel H Pile | 31.05 | |
| | | *For Piles Driven In Water, Add* | *14.45* | |
| | | *For >3 To 9, Deduct* | *-1.38* | |
| | | *For >9, Deduct* | *-2.86* | |
| 31 62 16 16-0003 | VLF | 10" x 10" x 42 LB/FT, Rolled, Driven Steel H Pile | 34.76 | |
| | | *For Piles Driven In Water, Add* | *15.38* | |
| | | *For >3 To 9, Deduct* | *-1.61* | |
| | | *For >9, Deduct* | *-3.34* | |
| 31 62 16 16-0004 | VLF | 10" x 10" x 57 LB/FT, Rolled, Driven Steel H Pile | 42.44 | |
| | | *For Piles Driven In Water, Add* | *16.15* | |
| | | *For >3 To 9, Deduct* | *-2.19* | |
| | | *For >9, Deduct* | *-4.53* | |
| 31 62 16 16-0005 | VLF | 12" x 12" x 53 LB/FT, Rolled, Driven Steel H Pile | 40.78 | |
| | | *For Piles Driven In Water, Add* | *16.34* | |
| | | *For >3 To 9, Deduct* | *-2.04* | |
| | | *For >9, Deduct* | *-4.21* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 62 16 16-0006 | VLF | 12" x 12" x 63 LB/FT, Rolled, Driven Steel H Pile | 45.91 | |
| | | *For Piles Driven In Water, Add* | *16.85* | |
| | | *For >3 To 9, Deduct* | *-2.42* | |
| | | *For >9, Deduct* | *-5.00* | |
| 31 62 16 16-0007 | VLF | 12" x 12" x 74 LB/FT, Rolled, Driven Steel H Pile | 52.69 | |
| | | *For Piles Driven In Water, Add* | *18.55* | |
| | | *For >3 To 9, Deduct* | *-2.84* | |
| | | *For >9, Deduct* | *-5.88* | |
| 31 62 16 16-0008 | VLF | 12" x 12" x 84 LB/FT, Rolled, Driven Steel H Pile | 57.81 | |
| | | *For Piles Driven In Water, Add* | *19.07* | |
| | | *For >3 To 9, Deduct* | *-3.23* | |
| | | *For >9, Deduct* | *-6.67* | |
| 31 62 16 16-0009 | VLF | 14" x 14" x 73 LB/FT, Rolled, Driven Steel H Pile | 52.53 | |
| | | *For Piles Driven In Water, Add* | *18.86* | |
| | | *For >3 To 9, Deduct* | *-2.81* | |
| | | *For >9, Deduct* | *-5.80* | |
| 31 62 16 16-0010 | VLF | 14" x 14" x 89 LB/FT, Rolled, Driven Steel H Pile | 61.25 | |
| | | *For Piles Driven In Water, Add* | *19.73* | |
| | | *For >3 To 9, Deduct* | *-3.46* | |
| | | *For >9, Deduct* | *-7.15* | |
| 31 62 16 16-0011 | VLF | 14" x 14" x 102 LB/FT, Rolled, Driven Steel H Pile | 68.67 | |
| | | *For Piles Driven In Water, Add* | *21.62* | |
| | | *For >3 To 9, Deduct* | *-3.92* | |
| | | *For >9, Deduct* | *-8.10* | |
| 31 62 16 16-0012 | VLF | 14" x 14" x 117 LB/FT, Rolled, Driven Steel H Pile | 76.87 | |
| | | *For Piles Driven In Water, Add* | *22.44* | |
| | | *For >3 To 9, Deduct* | *-4.54* | |
| | | *For >9, Deduct* | *-9.37* | |

### 31 62 16 16-0013 Splices, Caps, And Points For H-Piles *(31 62 16 16)*

### 31 62 16 16-0014 Rolled Steel H Pile Splices *(31 62 16 16-0013)*

| | | | | |
|---|---|---|---|---|
| 31 62 16 16-0015 | EA | 8" Rolled Steel H Pile Splice | 294.21 | |
| | | *For >3 To 9, Deduct* | *-5.46* | |
| | | *For >9, Deduct* | *-11.29* | |
| 31 62 16 16-0016 | EA | 10" Rolled Steel H Pile Splice | 330.61 | |
| | | *For >3 To 9, Deduct* | *-8.19* | |
| | | *For >9, Deduct* | *-16.93* | |
| 31 62 16 16-0017 | EA | 12" Rolled Steel H Pile Splice | 452.60 | |
| | | *For >3 To 9, Deduct* | *-9.56* | |
| | | *For >9, Deduct* | *-19.75* | |
| 31 62 16 16-0018 | EA | 14" Rolled Steel H Pile Splice | 470.80 | |
| | | *For >3 To 9, Deduct* | *-10.92* | |
| | | *For >9, Deduct* | *-22.57* | |

### 31 62 16 16-0019 Rolled Steel H Driving Caps *(31 62 16 16-0013)*

| | | | | |
|---|---|---|---|---|
| 31 62 16 16-0020 | EA | 8" Rolled Steel H Driving Cap | 3,022.98 | |
| | | *For >3 To 9, Deduct* | *-218.42* | |
| | | *For >9, Deduct* | *-451.40* | |
| 31 62 16 16-0021 | EA | 10" Rolled Steel H Driving Cap | 3,022.98 | |
| | | *For >3 To 9, Deduct* | *-218.42* | |
| | | *For >9, Deduct* | *-451.40* | |
| 31 62 16 16-0022 | EA | 12" Rolled Steel H Driving Cap | 3,077.44 | |
| | | *For >3 To 9, Deduct* | *-218.42* | |
| | | *For >9, Deduct* | *-451.40* | |
| 31 62 16 16-0023 | EA | 14" Rolled Steel H Driving Cap | 4,624.59 | |
| | | *For >3 To 9, Deduct* | *-334.46* | |
| | | *For >9, Deduct* | *-691.21* | |

### 31 62 16 16-0024 Rolled Steel H Standard Pile Points *(31 62 16 16-0013)*

| | | | | |
|---|---|---|---|---|
| 31 62 16 16-0025 | EA | 8" Rolled Steel H Standard Pile Point | 312.41 | |
| | | *For >3 To 9, Deduct* | *-6.83* | |
| | | *For >9, Deduct* | *-14.11* | |
| 31 62 16 16-0026 | EA | 10" Rolled Steel H Standard Pile Point | 330.61 | |
| | | *For >3 To 9, Deduct* | *-8.19* | |
| | | *For >9, Deduct* | *-16.93* | |
| 31 62 16 16-0027 | EA | 12" Rolled Steel H Standard Pile Point | 452.60 | |
| | | *For >3 To 9, Deduct* | *-9.56* | |
| | | *For >9, Deduct* | *-19.75* | |
| 31 62 16 16-0028 | EA | 14" Rolled Steel H Standard Pile Point | 507.21 | |
| | | *For >3 To 9, Deduct* | *-13.65* | |
| | | *For >9, Deduct* | *-28.21* | |
| 31 62 16 16-0029 | EA | 10" Rolled Steel H Standard Pile Point | 452.60 | |
| | | *For >3 To 9, Deduct* | *-9.56* | |
| | | *For >9, Deduct* | *-19.75* | |
| 31 62 16 16-0030 | EA | 14" Rolled Steel H Standard Pile Point | 542.46 | |
| | | *For >3 To 9, Deduct* | *-16.30* | |
| | | *For >9, Deduct* | *-33.68* | |

## 31 62 16 19 Unfilled Tubular Steel Piles *(31 62 16)*

### 31 62 16 19-0001 Unfilled Tubular Driven Steel Piles *(31 62 16 19)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 62 16 19-0002 | VLF | 8" Diameter x 29 LB/FT, Unfilled Tubular Driven Steel Pile | 45.66 | |
| | | *For Piles Driven In Water, Add* | *19.08* | |
| | | *For >3 To 9, Deduct* | *-2.21* | |
| | | *For >9, Deduct* | *-4.58* | |
| 31 62 16 19-0003 | VLF | 8" Diameter x 36 LB/FT, Unfilled Tubular Driven Steel Pile | 53.04 | |
| | | *For Piles Driven In Water, Add* | *19.82* | |
| | | *For >3 To 9, Deduct* | *-2.77* | |
| | | *For >9, Deduct* | *-5.72* | |
| 31 62 16 19-0004 | VLF | 8" Diameter x 43 LB/FT, Unfilled Tubular Driven Steel Pile | 61.01 | |
| | | *For Piles Driven In Water, Add* | *20.62* | |
| | | *For >3 To 9, Deduct* | *-3.37* | |
| | | *For >9, Deduct* | *-6.96* | |
| 31 62 16 19-0005 | VLF | 10" Diameter x 34 LB/FT, Unfilled Tubular Driven Steel Pile | 53.04 | |
| | | *For Piles Driven In Water, Add* | *19.82* | |
| | | *For >3 To 9, Deduct* | *-2.77* | |
| | | *For >9, Deduct* | *-5.72* | |
| 31 62 16 19-0006 | VLF | 10" Diameter x 41 LB/FT, Unfilled Tubular Driven Steel Pile | 60.05 | |
| | | *For Piles Driven In Water, Add* | *20.52* | |
| | | *For >3 To 9, Deduct* | *-3.29* | |
| | | *For >9, Deduct* | *-6.81* | |
| 31 62 16 19-0007 | VLF | 10" Diameter x 55 LB/FT, Unfilled Tubular Driven Steel Pile | 75.55 | |
| | | *For Piles Driven In Water, Add* | *22.07* | |
| | | *For >3 To 9, Deduct* | *-4.46* | |
| | | *For >9, Deduct* | *-9.21* | |
| 31 62 16 19-0008 | VLF | 12" Diameter x 42 LB/FT, Unfilled Tubular Driven Steel Pile | 62.58 | |
| | | *For Piles Driven In Water, Add* | *21.54* | |
| | | *For >3 To 9, Deduct* | *-3.42* | |
| | | *For >9, Deduct* | *-7.07* | |
| 31 62 16 19-0009 | VLF | 12" Diameter x 50 LB/FT, Unfilled Tubular Driven Steel Pile | 70.79 | |
| | | *For Piles Driven In Water, Add* | *22.36* | |
| | | *For >3 To 9, Deduct* | *-4.04* | |
| | | *For >9, Deduct* | *-8.34* | |
| 31 62 16 19-0010 | VLF | 12" Diameter x 54 LB/FT, Unfilled Tubular Driven Steel Pile | 75.35 | |
| | | *For Piles Driven In Water, Add* | *22.82* | |
| | | *For >3 To 9, Deduct* | *-4.38* | |
| | | *For >9, Deduct* | *-9.05* | |
| 31 62 16 19-0011 | VLF | 12" Diameter x 65 LB/FT, Unfilled Tubular Driven Steel Pile | 88.12 | |
| | | *For Piles Driven In Water, Add* | *24.09* | |
| | | *For >3 To 9, Deduct* | *-5.34* | |
| | | *For >9, Deduct* | *-11.03* | |
| 31 62 16 19-0012 | VLF | 14" Diameter x 46 LB/FT, Unfilled Tubular Driven Steel Pile | 67.64 | |
| | | *For Piles Driven In Water, Add* | *23.65* | |
| | | *For >3 To 9, Deduct* | *-3.67* | |
| | | *For >9, Deduct* | *-7.58* | |
| 31 62 16 19-0013 | VLF | 14" Diameter x 55 LB/FT, Unfilled Tubular Driven Steel Pile | 76.93 | |
| | | *For Piles Driven In Water, Add* | *24.58* | |
| | | *For >3 To 9, Deduct* | *-4.36* | |
| | | *For >9, Deduct* | *-9.02* | |
| 31 62 16 19-0014 | VLF | 14" Diameter x 64 LB/FT, Unfilled Tubular Driven Steel Pile | 86.22 | |
| | | *For Piles Driven In Water, Add* | *25.51* | |
| | | *For >3 To 9, Deduct* | *-5.06* | |
| | | *For >9, Deduct* | *-10.46* | |
| 31 62 16 19-0015 | VLF | 14" Diameter x 72 LB/FT, Unfilled Tubular Driven Steel Pile | 95.51 | |
| | | *For Piles Driven In Water, Add* | *26.44* | |
| | | *For >3 To 9, Deduct* | *-5.76* | |
| | | *For >9, Deduct* | *-11.90* | |
| 31 62 16 19-0016 | VLF | 16" Diameter x 52 LB/FT, Unfilled Tubular Driven Steel Pile | 75.26 | |
| | | *For Piles Driven In Water, Add* | *26.39* | |
| | | *For >3 To 9, Deduct* | *-4.07* | |
| | | *For >9, Deduct* | *-8.42* | |
| 31 62 16 19-0017 | VLF | 16" Diameter x 63 LB/FT, Unfilled Tubular Driven Steel Pile | 86.11 | |
| | | *For Piles Driven In Water, Add* | *27.48* | |
| | | *For >3 To 9, Deduct* | *-4.89* | |
| | | *For >9, Deduct* | *-10.10* | |
| 31 62 16 19-0018 | VLF | 16" Diameter x 83 LB/FT, Unfilled Tubular Driven Steel Pile | 107.29 | |
| | | *For Piles Driven In Water, Add* | *29.59* | |
| | | *For >3 To 9, Deduct* | *-6.47* | |
| | | *For >9, Deduct* | *-13.38* | |
| 31 62 16 19-0019 | VLF | 18" Diameter x 59 LB/FT, Unfilled Tubular Driven Steel Pile | 93.26 | |
| | | *For Piles Driven In Water, Add* | *29.77* | |
| | | *For >3 To 9, Deduct* | *-5.29* | |
| | | *For >9, Deduct* | *-10.93* | |
| 31 62 16 19-0020 | VLF | 18" Diameter x 71 LB/FT, Unfilled Tubular Driven Steel Pile | 107.36 | |
| | | *For Piles Driven In Water, Add* | *31.18* | |
| | | *For >3 To 9, Deduct* | *-6.35* | |
| | | *For >9, Deduct* | *-13.12* | |
| 31 62 16 19-0021 | VLF | 18" Diameter x 93 LB/FT, Unfilled Tubular Driven Steel Pile | 134.17 | |
| | | *For Piles Driven In Water, Add* | *33.87* | |
| | | *For >3 To 9, Deduct* | *-8.36* | |
| | | *For >9, Deduct* | *-17.27* | |

31 62 16 19-0022 Splices And Points For Pipe Piles *(31 62 16 19)*

31 62 16 19-0023 Steel Pipe Pile Splices *(31 62 16 19-0022)*

| | | | | |
|---|---|---|---|---|
| 31 62 16 19-0024 | EA | 8" Diameter, Steel Pipe Pile Splice | 292.34 | |
| | | *For >3 To 9, Deduct* | *-8.70* | |
| | | *For >9, Deduct* | *-17.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 62 16 19-0025 | EA | 10" Diameter, Steel Pipe Pile Splice | 318.07 | |
| | | *For >3 To 9, Deduct* | *-10.63* | |
| | | *For >9, Deduct* | *-21.96* | |
| 31 62 16 19-0026 | EA | 12" Diameter, Steel Pipe Pile Splice | 409.85 | |
| | | *For >3 To 9, Deduct* | *-12.59* | |
| | | *For >9, Deduct* | *-26.02* | |
| 31 62 16 19-0027 | EA | 14" Diameter, Steel Pipe Pile Splice | 435.23 | |
| | | *For >3 To 9, Deduct* | *-14.49* | |
| | | *For >9, Deduct* | *-29.95* | |
| 31 62 16 19-0028 | EA | 16" Diameter, Steel Pipe Pile Splice | 531.50 | |
| | | *For >3 To 9, Deduct* | *-19.32* | |
| | | *For >9, Deduct* | *-39.94* | |
| 31 62 16 19-0029 | EA | 18" Diameter, Steel Pipe Pile Splice | 647.08 | |
| | | *For >3 To 9, Deduct* | *-25.12* | |
| | | *For >9, Deduct* | *-51.91* | |

### 31 62 16 19-0030 Steel Pipe Standard Pile Points *(31 62 16 19-0022)*

| | | | | |
|---|---|---|---|---|
| 31 62 16 19-0031 | EA | 8" Diameter, Steel Pipe Standard Pile Point | 282.56 | |
| | | *For >3 To 9, Deduct* | *-6.18* | |
| | | *For >9, Deduct* | *-12.78* | |
| 31 62 16 19-0032 | EA | 10" Diameter, Steel Pipe Standard Pile Point | 303.18 | |
| | | *For >3 To 9, Deduct* | *-7.73* | |
| | | *For >9, Deduct* | *-15.97* | |
| 31 62 16 19-0033 | EA | 12" Diameter, Steel Pipe Standard Pile Point | 345.07 | |
| | | *For >3 To 9, Deduct* | *-9.28* | |
| | | *For >9, Deduct* | *-19.17* | |
| 31 62 16 19-0034 | EA | 14" Diameter, Steel Pipe Standard Pile Point | 401.75 | |
| | | *For >3 To 9, Deduct* | *-13.53* | |
| | | *For >9, Deduct* | *-27.95* | |
| 31 62 16 19-0035 | EA | 16" Diameter, Steel Pipe Standard Pile Point | 453.27 | |
| | | *For >3 To 9, Deduct* | *-17.39* | |
| | | *For >9, Deduct* | *-35.94* | |
| 31 62 16 19-0036 | EA | 18" Diameter, Steel Pipe Standard Pile Point | 521.38 | |
| | | *For >3 To 9, Deduct* | *-19.59* | |
| | | *For >9, Deduct* | *-40.49* | |

### 31 62 16 19-0037 Steel Pipe Heavy Duty Pile Points *(31 62 16 19-0022)*

| | | | | |
|---|---|---|---|---|
| 31 62 16 19-0038 | EA | 10" Diameter, Steel Pipe Heavy Duty Pile Point | 409.12 | |
| | | *For >3 To 9, Deduct* | *-7.73* | |
| | | *For >9, Deduct* | *-15.97* | |
| 31 62 16 19-0039 | EA | 12" Diameter, Steel Pipe Heavy Duty Pile Point | 434.88 | |
| | | *For >3 To 9, Deduct* | *-9.66* | |
| | | *For >9, Deduct* | *-19.97* | |
| 31 62 16 19-0040 | EA | 14" Diameter, Steel Pipe Heavy Duty Pile Point | 490.26 | |
| | | *For >3 To 9, Deduct* | *-11.59* | |
| | | *For >9, Deduct* | *-23.96* | |
| 31 62 16 19-0041 | EA | 16" Diameter, Steel Pipe Heavy Duty Pile Point | 593.32 | |
| | | *For >3 To 9, Deduct* | *-19.32* | |
| | | *For >9, Deduct* | *-39.93* | |
| 31 62 16 19-0042 | EA | 18" Diameter, Steel Pipe Heavy Duty Pile Point | 678.51 | |
| | | *For >3 To 9, Deduct* | *-24.36* | |
| | | *For >9, Deduct* | *-50.34* | |

## 31 62 19 Timber Piles *(31 62)*

### 31 62 19 00-0001 Friction Or End Bearing, Driven Treated Wood Piles *(31 62 19)*

Note: 12 LB Penta-treated/CF.

| | | | | |
|---|---|---|---|---|
| 31 62 19 00-0002 | LF | Up To 30', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile | 55.40 | |
| | | *For Piles Driven In Water, Add* | *15.63* | |
| | | *For Untreated Pile, Deduct* | *-16.35* | |
| | | *For Each Pile Tip Point, Add* | *12.50* | |
| | | *For Each Pile Butt, Driving Cap, Add* | *20.10* | |
| | | *For Each Splice For Pile >50', Add* | *139.40* | |
| | | *For >3 To 9, Deduct* | *-3.31* | |
| | | *For >9, Deduct* | *-6.85* | |
| 31 62 19 00-0003 | LF | >30' To 39', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile | 57.28 | |
| | | *For Piles Driven In Water, Add* | *17.07* | |
| | | *For Untreated Pile, Deduct* | *-16.53* | |
| | | *For Each Pile Tip Point, Add* | *12.50* | |
| | | *For Each Pile Butt, Driving Cap, Add* | *20.10* | |
| | | *For Each Splice For Pile >50', Add* | *139.40* | |
| | | *For >3 To 9, Deduct* | *-3.35* | |
| | | *For >9, Deduct* | *-6.93* | |
| 31 62 19 00-0004 | LF | 39' To 49', 12" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile | 60.17 | |
| | | *For Piles Driven In Water, Add* | *18.12* | |
| | | *For Untreated Pile, Deduct* | *-17.29* | |
| | | *For Each Pile Tip Point, Add* | *12.50* | |
| | | *For Each Pile Butt, Driving Cap, Add* | *20.10* | |
| | | *For Each Splice For Pile >50', Add* | *139.40* | |
| | | *For >3 To 9, Deduct* | *-3.50* | |
| | | *For >9, Deduct* | *-7.24* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 62 19 00-0005 | LF | >49' To 59', 13" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile | 63.93 | |
| | | *For Piles Driven In Water, Add* | *20.00* | |
| | | *For Untreated Pile, Deduct* | *-18.06* | |
| | | *For Each Pile Tip Point, Add* | *12.50* | |
| | | *For Each Pile Butt, Driving Cap, Add* | *20.10* | |
| | | *For Each Splice For Pile >50', Add* | *139.40* | |
| | | *For >3 To 9, Deduct* | *-3.66* | |
| | | *For >9, Deduct* | *-7.57* | |
| 31 62 19 00-0006 | LF | >59' To 69', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile | 82.12 | |
| | | *For Piles Driven In Water, Add* | *23.33* | |
| | | *For Untreated Pile, Deduct* | *-24.17* | |
| | | *For Each Pile Tip Point, Add* | *12.50* | |
| | | *For Each Pile Butt, Driving Cap, Add* | *20.10* | |
| | | *For Each Splice For Pile >50', Add* | *139.40* | |
| | | *For >3 To 9, Deduct* | *-4.90* | |
| | | *For >9, Deduct* | *-10.12* | |
| 31 62 19 00-0007 | LF | >69' To 79', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile | 103.70 | |
| | | *For Piles Driven In Water, Add* | *28.52* | |
| | | *For Untreated Pile, Deduct* | *-30.91* | |
| | | *For Each Pile Tip Point, Add* | *12.50* | |
| | | *For Each Pile Butt, Driving Cap, Add* | *20.10* | |
| | | *For Each Splice For Pile >50', Add* | *139.40* | |
| | | *For >3 To 9, Deduct* | *-6.26* | |
| | | *For >9, Deduct* | *-12.95* | |

## 31 62 23 Composite Piles *(31 62)*

### 31 62 23 13 Concrete-Filled Steel Piles *(31 62 23)*

#### 31 62 23 13-0001 Concrete-Filled Driven Steel Pipe Piles *(31 62 23 13)*

Note: Includes 4,000 PSI concrete grout. Excludes reinforcing.

| | | | | |
|---|---|---|---|---|
| 31 62 23 13-0002 | VLF | 8" Diameter x 29 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 48.99 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *5.73* | |
| | | *For Piles Driven In Water, Add* | *20.69* | |
| | | *For >3 To 9, Deduct* | *-2.36* | |
| | | *For >9, Deduct* | *-4.87* | |
| 31 62 23 13-0003 | VLF | 8" Diameter x 36 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 56.37 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *6.46* | |
| | | *For Piles Driven In Water, Add* | *21.42* | |
| | | *For >3 To 9, Deduct* | *-2.91* | |
| | | *For >9, Deduct* | *-6.02* | |
| 31 62 23 13-0004 | VLF | 8" Diameter x 43 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 64.34 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *7.26* | |
| | | *For Piles Driven In Water, Add* | *22.22* | |
| | | *For >3 To 9, Deduct* | *-3.51* | |
| | | *For >9, Deduct* | *-7.25* | |
| 31 62 23 13-0005 | VLF | 10" Diameter x 34 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 57.89 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *8.03* | |
| | | *For Piles Driven In Water, Add* | *21.93* | |
| | | *For >3 To 9, Deduct* | *-3.00* | |
| | | *For >9, Deduct* | *-6.19* | |
| 31 62 23 13-0006 | VLF | 10" Diameter x 41 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 64.90 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *8.73* | |
| | | *For Piles Driven In Water, Add* | *22.63* | |
| | | *For >3 To 9, Deduct* | *-3.52* | |
| | | *For >9, Deduct* | *-7.28* | |
| 31 62 23 13-0007 | VLF | 10" Diameter x 55 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 80.41 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *10.28* | |
| | | *For Piles Driven In Water, Add* | *24.18* | |
| | | *For >3 To 9, Deduct* | *-4.69* | |
| | | *For >9, Deduct* | *-9.68* | |
| 31 62 23 13-0008 | VLF | 12" Diameter x 42 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 69.40 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *10.81* | |
| | | *For Piles Driven In Water, Add* | *24.44* | |
| | | *For >3 To 9, Deduct* | *-3.75* | |
| | | *For >9, Deduct* | *-7.74* | |
| 31 62 23 13-0009 | VLF | 12" Diameter x 50 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 77.61 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *11.63* | |
| | | *For Piles Driven In Water, Add* | *25.26* | |
| | | *For >3 To 9, Deduct* | *-4.36* | |
| | | *For >9, Deduct* | *-9.02* | |
| 31 62 23 13-0010 | VLF | 12" Diameter x 54 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 82.17 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *12.08* | |
| | | *For Piles Driven In Water, Add* | *25.71* | |
| | | *For >3 To 9, Deduct* | *-4.70* | |
| | | *For >9, Deduct* | *-9.72* | |
| 31 62 23 13-0011 | VLF | 12" Diameter x 65 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 94.94 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *13.36* | |
| | | *For Piles Driven In Water, Add* | *26.99* | |
| | | *For >3 To 9, Deduct* | *-5.66* | |
| | | *For >9, Deduct* | *-11.70* | |
| 31 62 23 13-0012 | VLF | 14" Diameter x 46 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 76.80 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *13.30* | |
| | | *For Piles Driven In Water, Add* | *28.13* | |
| | | *For >3 To 9, Deduct* | *-4.06* | |
| | | *For >9, Deduct* | *-8.38* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 62 23 13-0013 | VLF | 14" Diameter x 55 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 86.09 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *14.23* | |
| | | *For Piles Driven In Water, Add* | *29.06* | |
| | | *For >3 To 9, Deduct* | *-4.75* | |
| | | *For >9, Deduct* | *-9.82* | |
| 31 62 23 13-0014 | VLF | 14" Diameter x 64 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 95.38 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *15.16* | |
| | | *For Piles Driven In Water, Add* | *29.99* | |
| | | *For >3 To 9, Deduct* | *-5.45* | |
| | | *For >9, Deduct* | *-11.26* | |
| 31 62 23 13-0015 | VLF | 14" Diameter x 72 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 104.67 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *16.09* | |
| | | *For Piles Driven In Water, Add* | *30.92* | |
| | | *For >3 To 9, Deduct* | *-6.15* | |
| | | *For >9, Deduct* | *-12.70* | |
| 31 62 23 13-0016 | VLF | 16" Diameter x 52 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 85.25 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *16.44* | |
| | | *For Piles Driven In Water, Add* | *30.20* | |
| | | *For >3 To 9, Deduct* | *-4.59* | |
| | | *For >9, Deduct* | *-9.48* | |
| 31 62 23 13-0017 | VLF | 16" Diameter x 63 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 96.11 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *17.52* | |
| | | *For Piles Driven In Water, Add* | *31.28* | |
| | | *For >3 To 9, Deduct* | *-5.40* | |
| | | *For >9, Deduct* | *-11.16* | |
| 31 62 23 13-0018 | VLF | 16" Diameter x 83 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 117.28 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *19.64* | |
| | | *For Piles Driven In Water, Add* | *33.40* | |
| | | *For >3 To 9, Deduct* | *-6.99* | |
| | | *For >9, Deduct* | *-14.45* | |
| 31 62 23 13-0019 | VLF | 18" Diameter x 59 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 105.33 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *21.01* | |
| | | *For Piles Driven In Water, Add* | *33.95* | |
| | | *For >3 To 9, Deduct* | *-5.95* | |
| | | *For >9, Deduct* | *-12.29* | |
| 31 62 23 13-0020 | VLF | 18" Diameter x 71 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 119.44 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *22.42* | |
| | | *For Piles Driven In Water, Add* | *35.36* | |
| | | *For >3 To 9, Deduct* | *-7.01* | |
| | | *For >9, Deduct* | *-14.48* | |
| 31 62 23 13-0021 | VLF | 18" Diameter x 93 LB/FT, Concrete-Filled Driven Steel Pipe Pile | 146.24 | |
| | | *For 5,000 PSI Concrete Grout Fill, Add* | *25.10* | |
| | | *For Piles Driven In Water, Add* | *38.04* | |
| | | *For >3 To 9, Deduct* | *-9.02* | |
| | | *For >9, Deduct* | *-18.63* | |

### 31 62 23 13-0022 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: End bearing, with fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

| | | | | |
|---|---|---|---|---|
| 31 62 23 13-0023 | VLF | 12" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile | 64.28 | |
| | | *For Piles Driven In Water, Add* | *18.53* | |
| | | *For >3 To 9, Deduct* | *-3.81* | |
| | | *For >9, Deduct* | *-7.88* | |
| 31 62 23 13-0024 | VLF | 14" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile | 78.24 | |
| | | *For Piles Driven In Water, Add* | *20.79* | |
| | | *For >3 To 9, Deduct* | *-4.79* | |
| | | *For >9, Deduct* | *-9.89* | |
| 31 62 23 13-0025 | VLF | 16" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile | 88.66 | |
| | | *For Piles Driven In Water, Add* | *22.83* | |
| | | *For >3 To 9, Deduct* | *-5.49* | |
| | | *For >9, Deduct* | *-11.34* | |
| 31 62 23 13-0026 | VLF | 18" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile | 96.46 | |
| | | *For Piles Driven In Water, Add* | *24.77* | |
| | | *For >3 To 9, Deduct* | *-5.97* | |
| | | *For >9, Deduct* | *-12.35* | |

### 31 62 23 13-0027 Tapered Friction Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: With fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

| | | | | |
|---|---|---|---|---|
| 31 62 23 13-0028 | VLF | 12" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile | 63.03 | |
| | | *For Piles Driven In Water, Add* | *18.41* | |
| | | *For >3 To 9, Deduct* | *-3.72* | |
| | | *For >9, Deduct* | *-7.68* | |
| 31 62 23 13-0029 | VLF | 14" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile | 64.62 | |
| | | *For Piles Driven In Water, Add* | *19.43* | |
| | | *For >3 To 9, Deduct* | *-3.77* | |
| | | *For >9, Deduct* | *-7.78* | |
| 31 62 23 13-0030 | VLF | 16" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile | 79.11 | |
| | | *For Piles Driven In Water, Add* | *21.87* | |
| | | *For >3 To 9, Deduct* | *-4.77* | |
| | | *For >9, Deduct* | *-9.86* | |
| 31 62 23 13-0031 | VLF | 18" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile | 91.40 | |
| | | *For Piles Driven In Water, Add* | *24.26* | |
| | | *For >3 To 9, Deduct* | *-5.60* | |
| | | *For >9, Deduct* | *-11.56* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 62 23 13-0032 | | Thin Wall Shell Straight Sided Driven Steel Piles *(31 62 23 13)* | | |
| 31 62 23 13-0033 | VLF | 8" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile | 37.46 | |
| | | *For Piles Driven In Water, Add* | *13.95* | |
| | | *For Thick Wall Shell, Add* | *0.07* | |
| | | *For >3 To 9, Deduct* | *-1.96* | |
| | | *For >9, Deduct* | *-4.05* | |
| 31 62 23 13-0034 | VLF | 10" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile | 41.34 | |
| | | *For Piles Driven In Water, Add* | *15.47* | |
| | | *For Thick Wall Shell, Add* | *0.07* | |
| | | *For >3 To 9, Deduct* | *-2.16* | |
| | | *For >9, Deduct* | *-4.45* | |
| 31 62 23 13-0035 | VLF | 12" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile | 45.19 | |
| | | *For Piles Driven In Water, Add* | *16.99* | |
| | | *For Thick Wall Shell, Add* | *0.08* | |
| | | *For >3 To 9, Deduct* | *-2.35* | |
| | | *For >9, Deduct* | *-4.86* | |
| 31 62 23 13-0036 | VLF | 14" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile | 49.07 | |
| | | *For Piles Driven In Water, Add* | *18.52* | |
| | | *For Thick Wall Shell, Add* | *0.08* | |
| | | *For >3 To 9, Deduct* | *-2.55* | |
| | | *For >9, Deduct* | *-5.26* | |
| 31 62 23 13-0037 | VLF | 16" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile | 52.97 | |
| | | *For Piles Driven In Water, Add* | *20.05* | |
| | | *For Thick Wall Shell, Add* | *0.09* | |
| | | *For >3 To 9, Deduct* | *-2.74* | |
| | | *For >9, Deduct* | *-5.67* | |

## 31 63 Bored Piles *(31 60)*

### 31 63 36 Drilled Steel Piles *(31 63)*

31 63 36 00-0001 Drill Hole *(31 63 36)*

Note: Excludes removal of excess material.

31 63 36 00-0002 Drilling Mobilization *(31 63 36 00-0001)*

| | | | |
|---|---|---|---|
| 31 63 36 00-0003 | EA | >12" To 24" Diameter Hole, Drilling Mobilization | 831.15 |
| 31 63 36 00-0004 | EA | >24" Diameter Hole, Drilling Mobilization | 1,108.20 |

31 63 36 00-0005 Drill Hole In Soil *(31 63 36 00-0001)*

| | | | |
|---|---|---|---|
| 31 63 36 00-0006 | LF | 18" Diameter, Up To 24' Depth, Drilled/Augered Hole | 44.46 |
| 31 63 36 00-0007 | LF | 20" Diameter, Up To 24' Depth, Drilled/Augered Hole | 51.70 |
| 31 63 36 00-0008 | LF | 22" Diameter, Up To 24' Depth, Drilled/Augered Hole | 60.75 |
| 31 63 36 00-0009 | LF | 24" Diameter, Up To 24' Depth, Drilled/Augered Hole | 71.61 |
| 31 63 36 00-0010 | LF | 26" Diameter, Up To 24' Depth, Drilled/Augered Hole | 77.40 |
| 31 63 36 00-0011 | LF | 28" Diameter, Up To 24' Depth, Drilled/Augered Hole | 85.15 |
| 31 63 36 00-0012 | LF | 30" Diameter, Up To 24' Depth, Drilled/Augered Hole | 93.27 |

31 63 36 00-0013 Steel H Piles *(31 63 36)*

31 63 36 00-0014 Placed In Drilled Hole, Rolled Steel H-Section Piles *(31 63 36 00-0013)*

Note: Includes guides, bracing and alignment.

| | | | |
|---|---|---|---|
| 31 63 36 00-0015 | VLF | 8" x 8" x 36 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 29.82 |
| | | *For >2,400 To 3,600, Deduct* | *-1.03* |
| | | *For >3,600 To 4,800, Deduct* | *-2.06* |
| | | *For >4,800 To 6,000, Deduct* | *-3.55* |
| | | *For >6,000, Deduct* | *-5.04* |
| | | *For >3 To 9, Deduct* | *-1.38* |
| | | *For >9, Deduct* | *-2.86* |
| 31 63 36 00-0016 | VLF | 10" x 10" x 42 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 33.48 |
| | | *For >2,400 To 3,600, Deduct* | *-1.14* |
| | | *For >3,600 To 4,800, Deduct* | *-2.27* |
| | | *For >4,800 To 6,000, Deduct* | *-3.95* |
| | | *For >6,000, Deduct* | *-5.62* |
| | | *For >3 To 9, Deduct* | *-1.61* |
| | | *For >9, Deduct* | *-3.34* |
| 31 63 36 00-0017 | VLF | 10" x 10" x 57 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 41.16 |
| | | *For >2,400 To 3,600, Deduct* | *-1.33* |
| | | *For >3,600 To 4,800, Deduct* | *-2.66* |
| | | *For >4,800 To 6,000, Deduct* | *-4.71* |
| | | *For >6,000, Deduct* | *-6.77* |
| | | *For >3 To 9, Deduct* | *-2.19* |
| | | *For >9, Deduct* | *-4.53* |
| 31 63 36 00-0018 | VLF | 12" x 12" x 53 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 39.46 |
| | | *For >2,400 To 3,600, Deduct* | *-1.29* |
| | | *For >3,600 To 4,800, Deduct* | *-2.59* |
| | | *For >4,800 To 6,000, Deduct* | *-4.56* |
| | | *For >6,000, Deduct* | *-6.53* |
| | | *For >3 To 9, Deduct* | *-2.04* |
| | | *For >9, Deduct* | *-4.21* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 63 36 00-0019 | VLF | 12" x 12" x 63 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 44.59 | |
| | | *For >2,400 To 3,600, Deduct* | *-1.42* | |
| | | *For >3,600 To 4,800, Deduct* | *-2.84* | |
| | | *For >4,800 To 6,000, Deduct* | *-5.07* | |
| | | *For >6,000, Deduct* | *-7.30* | |
| | | *For >3 To 9, Deduct* | *-2.42* | |
| | | *For >9, Deduct* | *-5.00* | |
| 31 63 36 00-0020 | VLF | 12" x 12" x 74 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 51.26 | |
| | | *For >2,400 To 3,600, Deduct* | *-1.61* | |
| | | *For >3,600 To 4,800, Deduct* | *-3.23* | |
| | | *For >4,800 To 6,000, Deduct* | *-5.79* | |
| | | *For >6,000, Deduct* | *-8.36* | |
| | | *For >3 To 9, Deduct* | *-2.84* | |
| | | *For >9, Deduct* | *-5.88* | |
| 31 63 36 00-0021 | VLF | 12" x 12" x 84 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 56.38 | |
| | | *For >2,400 To 3,600, Deduct* | *-1.74* | |
| | | *For >3,600 To 4,800, Deduct* | *-3.49* | |
| | | *For >4,800 To 6,000, Deduct* | *-6.30* | |
| | | *For >6,000, Deduct* | *-9.12* | |
| | | *For >3 To 9, Deduct* | *-3.23* | |
| | | *For >9, Deduct* | *-6.67* | |
| 31 63 36 00-0022 | VLF | 14" x 14" x 73 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 51.07 | |
| | | *For >2,400 To 3,600, Deduct* | *-1.62* | |
| | | *For >3,600 To 4,800, Deduct* | *-3.24* | |
| | | *For >4,800 To 6,000, Deduct* | *-5.79* | |
| | | *For >6,000, Deduct* | *-8.34* | |
| | | *For >3 To 9, Deduct* | *-2.81* | |
| | | *For >9, Deduct* | *-5.80* | |
| 31 63 36 00-0023 | VLF | 14" x 14" x 89 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 59.79 | |
| | | *For >2,400 To 3,600, Deduct* | *-1.84* | |
| | | *For >3,600 To 4,800, Deduct* | *-3.67* | |
| | | *For >4,800 To 6,000, Deduct* | *-6.66* | |
| | | *For >6,000, Deduct* | *-9.65* | |
| | | *For >3 To 9, Deduct* | *-3.46* | |
| | | *For >9, Deduct* | *-7.15* | |
| 31 63 36 00-0024 | VLF | 14" x 14" x 102 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 67.08 | |
| | | *For >2,400 To 3,600, Deduct* | *-2.05* | |
| | | *For >3,600 To 4,800, Deduct* | *-4.09* | |
| | | *For >4,800 To 6,000, Deduct* | *-7.45* | |
| | | *For >6,000, Deduct* | *-10.80* | |
| | | *For >3 To 9, Deduct* | *-3.92* | |
| | | *For >9, Deduct* | *-8.10* | |
| 31 63 36 00-0025 | VLF | 14" x 14" x 117 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile | 75.28 | |
| | | *For >2,400 To 3,600, Deduct* | *-2.25* | |
| | | *For >3,600 To 4,800, Deduct* | *-4.50* | |
| | | *For >4,800 To 6,000, Deduct* | *-8.27* | |
| | | *For >6,000, Deduct* | *-12.03* | |
| | | *For >3 To 9, Deduct* | *-4.54* | |
| | | *For >9, Deduct* | *-9.37* | |

## 31 63 36 00-0026 Welded Steel Stud Pins *(31 63 36 00-0013)*

Note: Includes welding to steel piles.

| | | | | |
|---|---|---|---|---|
| 31 63 36 00-0027 | EA | 5/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins | 11.90 | |
| | | *For >50 To 150, Deduct* | *-0.54* | |
| | | *For >150 To 250, Deduct* | *-1.10* | |
| | | *For >250 To 500, Deduct* | *-1.67* | |
| | | *For >500, Deduct* | *-2.23* | |
| | | *For >3 To 9, Deduct* | *-0.09* | |
| | | *For >9, Deduct* | *-0.18* | |
| 31 63 36 00-0028 | EA | 5/8" Diameter x 5" Long, Welded Steel Stud Pins | 13.13 | |
| | | *For >50 To 150, Deduct* | *-0.54* | |
| | | *For >150 To 250, Deduct* | *-1.13* | |
| | | *For >250 To 500, Deduct* | *-1.73* | |
| | | *For >500, Deduct* | *-2.32* | |
| | | *For >3 To 9, Deduct* | *-0.18* | |
| | | *For >9, Deduct* | *-0.38* | |
| 31 63 36 00-0029 | EA | 5/8" Diameter x 7" Long, Welded Steel Stud Pins | 14.31 | |
| | | *For >50 To 150, Deduct* | *-0.54* | |
| | | *For >150 To 250, Deduct* | *-1.16* | |
| | | *For >250 To 500, Deduct* | *-1.79* | |
| | | *For >500, Deduct* | *-2.41* | |
| | | *For >3 To 9, Deduct* | *-0.27* | |
| | | *For >9, Deduct* | *-0.56* | |
| 31 63 36 00-0030 | EA | 3/4" Diameter x 2-1/2" Long, Welded Steel Stud Pins | 13.18 | |
| | | *For >50 To 150, Deduct* | *-0.56* | |
| | | *For >150 To 250, Deduct* | *-1.17* | |
| | | *For >250 To 500, Deduct* | *-1.78* | |
| | | *For >500, Deduct* | *-2.39* | |
| | | *For >3 To 9, Deduct* | *-0.14* | |
| | | *For >9, Deduct* | *-0.30* | |
| 31 63 36 00-0031 | EA | 3/4" Diameter x 5" Long, Welded Steel Stud Pins | 15.03 | |
| | | *For >50 To 150, Deduct* | *-0.56* | |
| | | *For >150 To 250, Deduct* | *-1.22* | |
| | | *For >250 To 500, Deduct* | *-1.88* | |
| | | *For >500, Deduct* | *-2.53* | |
| | | *For >3 To 9, Deduct* | *-0.28* | |
| | | *For >9, Deduct* | *-0.59* | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 63 36 00-0032 | EA | 3/4" Diameter x 7" Long, Welded Steel Stud Pins | 16.32 | |
| | | *For >50 To 150, Deduct* | *-0.56* | |
| | | *For >150 To 250, Deduct* | *-1.25* | |
| | | *For >250 To 500, Deduct* | *-1.94* | |
| | | *For >500, Deduct* | *-2.63* | |
| | | *For >3 To 9, Deduct* | *-0.38* | |
| | | *For >9, Deduct* | *-0.79* | |
| 31 63 36 00-0033 | EA | 7/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins | 14.72 | |
| | | *For >50 To 150, Deduct* | *-0.59* | |
| | | *For >150 To 250, Deduct* | *-1.25* | |
| | | *For >250 To 500, Deduct* | *-1.91* | |
| | | *For >500, Deduct* | *-2.57* | |
| | | *For >3 To 9, Deduct* | *-0.23* | |
| | | *For >9, Deduct* | *-0.47* | |
| 31 63 36 00-0034 | EA | 7/8" Diameter x 5" Long, Welded Steel Stud Pins | 17.74 | |
| | | *For >50 To 150, Deduct* | *-0.59* | |
| | | *For >150 To 250, Deduct* | *-1.32* | |
| | | *For >250 To 500, Deduct* | *-2.06* | |
| | | *For >500, Deduct* | *-2.79* | |
| | | *For >3 To 9, Deduct* | *-0.45* | |
| | | *For >9, Deduct* | *-0.93* | |
| 31 63 36 00-0035 | EA | 7/8" Diameter x 7" Long, Welded Steel Stud Pins | 19.22 | |
| | | *For >50 To 150, Deduct* | *-0.59* | |
| | | *For >150 To 250, Deduct* | *-1.36* | |
| | | *For >250 To 500, Deduct* | *-2.13* | |
| | | *For >500, Deduct* | *-2.91* | |
| | | *For >3 To 9, Deduct* | *-0.56* | |
| | | *For >9, Deduct* | *-1.16* | |

### 31 63 36 00-0036 Concrete Fill *(31 63 36)*

See CSI section 03 37 16 00-0001 for pumping equipment.

| | | | | |
|---|---|---|---|---|
| 31 63 36 00-0037 | VLF | 18" Diameter Hole Pumped Concrete Fill For Drilled Pile | 38.23 | |
| | | *For >3 To 9, Deduct* | *-2.16* | |
| | | *For >9, Deduct* | *-4.46* | |
| 31 63 36 00-0038 | VLF | 20" Diameter Hole Pumped Concrete Fill For Drilled Pile | 42.47 | |
| | | *For >3 To 9, Deduct* | *-2.40* | |
| | | *For >9, Deduct* | *-4.96* | |
| 31 63 36 00-0039 | VLF | 22" Diameter Hole Pumped Concrete Fill For Drilled Pile | 46.72 | |
| | | *For >3 To 9, Deduct* | *-2.64* | |
| | | *For >9, Deduct* | *-5.45* | |
| 31 63 36 00-0040 | VLF | 24" Diameter Hole Pumped Concrete Fill For Drilled Pile | 50.97 | |
| | | *For >3 To 9, Deduct* | *-2.88* | |
| | | *For >9, Deduct* | *-5.95* | |
| 31 63 36 00-0041 | VLF | 26" Diameter Hole Pumped Concrete Fill For Drilled Pile | 55.21 | |
| | | *For >3 To 9, Deduct* | *-3.12* | |
| | | *For >9, Deduct* | *-6.44* | |
| 31 63 36 00-0042 | VLF | 28" Diameter Hole Pumped Concrete Fill For Drilled Pile | 59.46 | |
| | | *For >3 To 9, Deduct* | *-3.36* | |
| | | *For >9, Deduct* | *-6.94* | |
| 31 63 36 00-0043 | VLF | 30" Diameter Hole Pumped Concrete Fill For Drilled Pile | 69.35 | |
| | | *For >3 To 9, Deduct* | *-3.60* | |
| | | *For >9, Deduct* | *-7.44* | |

## 31 64 Caissons *(31 60)*

### 31 64 13 Box Caissons *(31 64)*

### 31 64 13 00-0001 Caisson In Stable Ground No Casing Or Ground Water *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

### 31 64 13 00-0002 Caisson In Stable Ground *(31 64 13 00-0001)*

Note: Includes 3000 PSI concrete and reinforcing.

| | | | | |
|---|---|---|---|---|
| 31 64 13 00-0003 | VLF | 18" Diameter Caisson, No Casing Stable Ground, No Ground Water<br>Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF. | 51.20 | |
| | | *For >50' To 100' Deep, Add* | *5.06* | |
| | | *For >100' To 150' Deep, Add* | *12.80* | |
| | | *For >150' To 200' Deep, Add* | *17.21* | |
| | | *For Right Angle Drilling, Add* | *13.30* | |
| | | *For >3 To 9, Deduct* | *-1.39* | |
| | | *For >9, Deduct* | *-2.87* | |
| 31 64 13 00-0004 | VLF | 24" Diameter Caisson, No Casing Stable Ground, No Ground Water<br>Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF. | 64.84 | |
| | | *For >50' To 100' Deep, Add* | *7.01* | |
| | | *For >100' To 150' Deep, Add* | *16.21* | |
| | | *For >150' To 200' Deep, Add* | *22.54* | |
| | | *For Right Angle Drilling, Add* | *14.98* | |
| | | *For >3 To 9, Deduct* | *-2.31* | |
| | | *For >9, Deduct* | *-4.78* | |
| 31 64 13 00-0005 | VLF | 30" Diameter Caisson, No Casing Stable Ground, No Ground Water<br>Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF. | 92.24 | |
| | | *For >50' To 100' Deep, Add* | *10.40* | |
| | | *For >100' To 150' Deep, Add* | *23.06* | |
| | | *For >150' To 200' Deep, Add* | *32.60* | |
| | | *For Right Angle Drilling, Add* | *19.97* | |
| | | *For >3 To 9, Deduct* | *-3.69* | |
| | | *For >9, Deduct* | *-7.63* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 64 13 00-0006 | VLF | 36" Diameter Caisson, No Casing Stable Ground, No Ground Water | 122.44 | |
| | | Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *14.24* | |
| | | *For >100' To 150' Deep, Add* | *30.61* | |
| | | *For >150' To 200' Deep, Add* | *43.81* | |
| | | *For Right Angle Drilling, Add* | *25.15* | |
| | | *For >3 To 9, Deduct* | *-5.31* | |
| | | *For >9, Deduct* | *-10.98* | |
| 31 64 13 00-0007 | VLF | 42" Diameter Caisson, No Casing Stable Ground, No Ground Water | 157.67 | |
| | | Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *18.98* | |
| | | *For >100' To 150' Deep, Add* | *39.42* | |
| | | *For >150' To 200' Deep, Add* | *57.23* | |
| | | *For Right Angle Drilling, Add* | *30.37* | |
| | | *For >3 To 9, Deduct* | *-7.44* | |
| | | *For >9, Deduct* | *-15.39* | |
| 31 64 13 00-0008 | VLF | 48" Diameter Caisson No Casing Stable Ground, No Ground Water | 189.73 | |
| | | Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *23.23* | |
| | | *For >100' To 150' Deep, Add* | *47.43* | |
| | | *For >150' To 200' Deep, Add* | *69.35* | |
| | | *For Right Angle Drilling, Add* | *35.33* | |
| | | *For >3 To 9, Deduct* | *-9.32* | |
| | | *For >9, Deduct* | *-19.27* | |
| 31 64 13 00-0009 | VLF | 54" Diameter Caisson No Casing Stable Ground, No Ground Water | 229.99 | |
| | | Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *28.98* | |
| | | *For >100' To 150' Deep, Add* | *57.50* | |
| | | *For >150' To 200' Deep, Add* | *85.09* | |
| | | *For Right Angle Drilling, Add* | *40.26* | |
| | | *For >3 To 9, Deduct* | *-12.07* | |
| | | *For >9, Deduct* | *-24.95* | |
| 31 64 13 00-0010 | VLF | 60" Diameter Caisson No Casing Stable Ground, No Ground Water | 270.76 | |
| | | Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *34.80* | |
| | | *For >100' To 150' Deep, Add* | *67.69* | |
| | | *For >150' To 200' Deep, Add* | *101.04* | |
| | | *For Right Angle Drilling, Add* | *45.25* | |
| | | *For >3 To 9, Deduct* | *-14.86* | |
| | | *For >9, Deduct* | *-30.70* | |
| 31 64 13 00-0011 | VLF | 66" Diameter Caisson No Casing Stable Ground, No Ground Water | 316.88 | |
| | | Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *41.35* | |
| | | *For >100' To 150' Deep, Add* | *79.22* | |
| | | *For >150' To 200' Deep, Add* | *119.03* | |
| | | *For Right Angle Drilling, Add* | *50.99* | |
| | | *For >3 To 9, Deduct* | *-17.97* | |
| | | *For >9, Deduct* | *-37.15* | |
| 31 64 13 00-0012 | VLF | 72" Diameter Caisson No Casing Stable Ground, No Ground Water | 370.08 | |
| | | Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *48.97* | |
| | | *For >100' To 150' Deep, Add* | *92.52* | |
| | | *For >150' To 200' Deep, Add* | *139.86* | |
| | | *For Right Angle Drilling, Add* | *57.45* | |
| | | *For >3 To 9, Deduct* | *-21.62* | |
| | | *For >9, Deduct* | *-44.69* | |
| 31 64 13 00-0013 | VLF | 78" Diameter Caisson No Casing Stable Ground, No Ground Water | 423.07 | |
| | | Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *56.69* | |
| | | *For >100' To 150' Deep, Add* | *105.77* | |
| | | *For >150' To 200' Deep, Add* | *160.76* | |
| | | *For Right Angle Drilling, Add* | *63.48* | |
| | | *For >3 To 9, Deduct* | *-25.38* | |
| | | *For >9, Deduct* | *-52.45* | |
| 31 64 13 00-0014 | VLF | 84" Diameter Caisson No Casing Stable Ground, No Ground Water | 479.66 | |
| | | Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *64.97* | |
| | | *For >100' To 150' Deep, Add* | *119.92* | |
| | | *For >150' To 200' Deep, Add* | *183.14* | |
| | | *For Right Angle Drilling, Add* | *69.77* | |
| | | *For >3 To 9, Deduct* | *-29.43* | |
| | | *For >9, Deduct* | *-60.83* | |

### 31 64 13 00-0015 For Bell Excavation And Concrete, Add *(31 64 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 31 64 13 00-0016 | EA | Bell Excavation And Concrete, 4' Bell Diameter Stable Ground, 24" Shaft, 0.44 CY | 382.91 | |
| | | *For >50' To 100' Deep, Add* | *31.27* | |
| | | *For >100' To 150' Deep, Add* | *95.73* | |
| | | *For >150' To 200' Deep, Add* | *120.45* | |
| | | *For >3 To 9, Deduct* | *-4.19* | |
| | | *For >9, Deduct* | *-8.65* | |
| 31 64 13 00-0017 | EA | Bell Excavation And Concrete, 6' Bell Diameter Stable Ground, 30" Shaft, 1.57 CY | 1,346.13 | |
| | | *For >50' To 100' Deep, Add* | *110.10* | |
| | | *For >100' To 150' Deep, Add* | *336.53* | |
| | | *For >150' To 200' Deep, Add* | *423.68* | |
| | | *For >3 To 9, Deduct* | *-14.88* | |
| | | *For >9, Deduct* | *-30.76* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 64 13 00-0018 | EA | Bell Excavation And Concrete, 7' Bell Diameter Stable Ground, 36" Shaft, 2.33 CY | 2,037.05 | |
| | | *For >50' To 100' Deep, Add* | *169.30* | |
| | | *For >100' To 150' Deep, Add* | *509.26* | |
| | | *For >150' To 200' Deep, Add* | *644.50* | |
| | | *For >3 To 9, Deduct* | *-25.04* | |
| | | *For >9, Deduct* | *-51.74* | |
| 31 64 13 00-0019 | EA | Bell Excavation And Concrete, 8' Bell Diameter Stable Ground, 42" Shaft, 3.30 CY | 2,827.80 | |
| | | *For >50' To 100' Deep, Add* | *235.48* | |
| | | *For >100' To 150' Deep, Add* | *706.95* | |
| | | *For >150' To 200' Deep, Add* | *895.26* | |
| | | *For >3 To 9, Deduct* | *-35.19* | |
| | | *For >9, Deduct* | *-72.73* | |
| 31 64 13 00-0020 | EA | Bell Excavation And Concrete, 9' Bell Diameter Stable Ground, 48" Shaft, 4.48 CY | 3,835.25 | |
| | | *For >50' To 100' Deep, Add* | *313.61* | |
| | | *For >100' To 150' Deep, Add* | *958.81* | |
| | | *For >150' To 200' Deep, Add* | *1,207.01* | |
| | | *For >3 To 9, Deduct* | *-42.32* | |
| | | *For >9, Deduct* | *-87.47* | |
| 31 64 13 00-0021 | EA | Bell Excavation And Concrete, 10' Bell Diameter Stable Ground, 60" Shaft, 5.24 CY | 4,509.62 | |
| | | *For >50' To 100' Deep, Add* | *368.59* | |
| | | *For >100' To 150' Deep, Add* | *1,127.41* | |
| | | *For >150' To 200' Deep, Add* | *1,419.03* | |
| | | *For >3 To 9, Deduct* | *-49.61* | |
| | | *For >9, Deduct* | *-102.52* | |
| 31 64 13 00-0022 | EA | Bell Excavation And Concrete, 12' Bell Diameter Stable Ground, 72" Shaft, 8.74 CY | 7,647.76 | |
| | | *For >50' To 100' Deep, Add* | *623.81* | |
| | | *For >100' To 150' Deep, Add* | *1,911.94* | |
| | | *For >150' To 200' Deep, Add* | *2,404.91* | |
| | | *For >3 To 9, Deduct* | *-82.94* | |
| | | *For >9, Deduct* | *-171.41* | |
| 31 64 13 00-0023 | EA | Bell Excavation And Concrete, 14' Bell Diameter Stable Ground, 84" Shaft, 13.6 CY | 11,061.20 | |
| | | *For >50' To 100' Deep, Add* | *911.53* | |
| | | *For >100' To 150' Deep, Add* | *2,765.30* | |
| | | *For >150' To 200' Deep, Add* | *3,489.92* | |
| | | *For >3 To 9, Deduct* | *-128.67* | |
| | | *For >9, Deduct* | *-265.92* | |

## 31 64 13 00-0024 Caisson In Wet Ground, Casing Pulled *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

## 31 64 13 00-0025 Caisson In Wet Ground *(31 64 13 00-0024)*

Note: Includes 3000 PSI concrete and reinforcing.

| | | | | |
|---|---|---|---|---|
| 31 64 13 00-0026 | VLF | 18" Diameter Caisson Wet Ground, Casing Pulled | 56.57 | |
| | | Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *5.43* | |
| | | *For >100' To 150' Deep, Add* | *14.14* | |
| | | *For >150' To 200' Deep, Add* | *18.81* | |
| | | *For Right Angle Drilling, Add* | *15.20* | |
| | | *For >3 To 9, Deduct* | *-1.38* | |
| | | *For >9, Deduct* | *-2.85* | |
| 31 64 13 00-0027 | VLF | 24" Diameter Caisson Wet Ground, Casing Pulled | 94.45 | |
| | | Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *9.08* | |
| | | *For >100' To 150' Deep, Add* | *23.61* | |
| | | *For >150' To 200' Deep, Add* | *31.42* | |
| | | *For Right Angle Drilling, Add* | *25.35* | |
| | | *For >3 To 9, Deduct* | *-2.31* | |
| | | *For >9, Deduct* | *-4.78* | |
| 31 64 13 00-0028 | VLF | 30" Diameter Caisson Wet Ground, Casing Pulled | 125.57 | |
| | | Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *12.73* | |
| | | *For >100' To 150' Deep, Add* | *31.39* | |
| | | *For >150' To 200' Deep, Add* | *42.60* | |
| | | *For Right Angle Drilling, Add* | *31.64* | |
| | | *For >3 To 9, Deduct* | *-3.69* | |
| | | *For >9, Deduct* | *-7.63* | |
| 31 64 13 00-0029 | VLF | 36" Diameter Caisson Wet Ground, Casing Pulled | 172.58 | |
| | | Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *17.75* | |
| | | *For >100' To 150' Deep, Add* | *43.15* | |
| | | *For >150' To 200' Deep, Add* | *58.86* | |
| | | *For Right Angle Drilling, Add* | *42.70* | |
| | | *For >3 To 9, Deduct* | *-5.31* | |
| | | *For >9, Deduct* | *-10.98* | |
| 31 64 13 00-0030 | VLF | 42" Diameter Caisson Wet Ground, Casing Pulled | 219.53 | |
| | | Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *23.31* | |
| | | *For >100' To 150' Deep, Add* | *54.88* | |
| | | *For >150' To 200' Deep, Add* | *75.79* | |
| | | *For Right Angle Drilling, Add* | *52.02* | |
| | | *For >3 To 9, Deduct* | *-7.44* | |
| | | *For >9, Deduct* | *-15.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 64 13 00-0031 | VLF | 48" Diameter Caisson Wet Ground, Casing Pulled | 263.08 | |
| | | Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *28.36* | |
| | | *For >100' To 150' Deep, Add* | *65.77* | |
| | | *For >150' To 200' Deep, Add* | *91.36* | |
| | | *For Right Angle Drilling, Add* | *61.00* | |
| | | *For >3 To 9, Deduct* | *-9.32* | |
| | | *For >9, Deduct* | *-19.27* | |
| 31 64 13 00-0032 | VLF | 54" Diameter Caisson Wet Ground, Casing Pulled | 339.83 | |
| | | Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *36.66* | |
| | | *For >100' To 150' Deep, Add* | *84.96* | |
| | | *For >150' To 200' Deep, Add* | *118.04* | |
| | | *For Right Angle Drilling, Add* | *78.70* | |
| | | *For >3 To 9, Deduct* | *-12.07* | |
| | | *For >9, Deduct* | *-24.95* | |
| 31 64 13 00-0033 | VLF | 60" Diameter Caisson Wet Ground, Casing Pulled | 416.14 | |
| | | Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *44.98* | |
| | | *For >100' To 150' Deep, Add* | *104.04* | |
| | | *For >150' To 200' Deep, Add* | *144.65* | |
| | | *For Right Angle Drilling, Add* | *96.13* | |
| | | *For >3 To 9, Deduct* | *-14.86* | |
| | | *For >9, Deduct* | *-30.70* | |
| 31 64 13 00-0034 | VLF | 66" Diameter Caisson Wet Ground, Casing Pulled | 475.91 | |
| | | Note: 0.87 CY Concrete per VLF, 113 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *52.49* | |
| | | *For >100' To 150' Deep, Add* | *118.98* | |
| | | *For >150' To 200' Deep, Add* | *166.74* | |
| | | *For Right Angle Drilling, Add* | *106.65* | |
| | | *For >3 To 9, Deduct* | *-17.97* | |
| | | *For >9, Deduct* | *-37.15* | |
| 31 64 13 00-0035 | VLF | 72" Diameter Caisson Wet Ground, Casing Pulled | 542.72 | |
| | | Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *61.06* | |
| | | *For >100' To 150' Deep, Add* | *135.68* | |
| | | *For >150' To 200' Deep, Add* | *191.65* | |
| | | *For Right Angle Drilling, Add* | *117.87* | |
| | | *For >3 To 9, Deduct* | *-21.62* | |
| | | *For >9, Deduct* | *-44.69* | |
| 31 64 13 00-0036 | VLF | 78" Diameter Caisson Wet Ground, Casing Pulled | 618.23 | |
| | | Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *70.35* | |
| | | *For >100' To 150' Deep, Add* | *154.56* | |
| | | *For >150' To 200' Deep, Add* | *219.31* | |
| | | *For Right Angle Drilling, Add* | *131.79* | |
| | | *For >3 To 9, Deduct* | *-25.38* | |
| | | *For >9, Deduct* | *-52.45* | |
| 31 64 13 00-0037 | VLF | 84" Diameter Caisson Wet Ground, Casing Pulled | 697.73 | |
| | | Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF. | | |
| | | *For >50' To 100' Deep, Add* | *80.24* | |
| | | *For >100' To 150' Deep, Add* | *174.43* | |
| | | *For >150' To 200' Deep, Add* | *248.56* | |
| | | *For Right Angle Drilling, Add* | *146.10* | |
| | | *For >3 To 9, Deduct* | *-29.43* | |
| | | *For >9, Deduct* | *-60.83* | |

## 31 64 13 00-0038 For Bell Excavation And Concrete, Add *(31 64 13 00-0024)*

| | | | | |
|---|---|---|---|---|
| 31 64 13 00-0039 | EA | Bell Excavation And Concrete, 4' Bell Diameter Wet Ground 24" Shaft, 0.44 CY | 441.28 | |
| | | *For >50' To 100' Deep, Add* | *35.35* | |
| | | *For >100' To 150' Deep, Add* | *110.32* | |
| | | *For >150' To 200' Deep, Add* | *137.97* | |
| | | *For >3 To 9, Deduct* | *-4.19* | |
| | | *For >9, Deduct* | *-8.65* | |
| 31 64 13 00-0040 | EA | Bell Excavation And Concrete, 6' Bell Diameter Wet Ground, 30" Shaft, 1.57 CY | 1,537.42 | |
| | | *For >50' To 100' Deep, Add* | *123.49* | |
| | | *For >100' To 150' Deep, Add* | *384.36* | |
| | | *For >150' To 200' Deep, Add* | *481.07* | |
| | | *For >3 To 9, Deduct* | *-14.88* | |
| | | *For >9, Deduct* | *-30.76* | |
| 31 64 13 00-0041 | EA | Bell Excavation And Concrete, 7' Bell Diameter Wet Ground, 36" Shaft, 2.33 CY | 2,109.32 | |
| | | *For >50' To 100' Deep, Add* | *157.82* | |
| | | *For >100' To 150' Deep, Add* | *527.33* | |
| | | *For >150' To 200' Deep, Add* | *645.51* | |
| | | *For >3 To 9, Deduct* | *-9.53* | |
| | | *For >9, Deduct* | *-19.70* | |
| 31 64 13 00-0042 | EA | Bell Excavation And Concrete, 8' Bell Diameter Wet Ground, 42" Shaft, 3.3 CY | 3,378.46 | |
| | | *For >50' To 100' Deep, Add* | *274.03* | |
| | | *For >100' To 150' Deep, Add* | *844.62* | |
| | | *For >150' To 200' Deep, Add* | *1,060.46* | |
| | | *For >3 To 9, Deduct* | *-35.19* | |
| | | *For >9, Deduct* | *-72.73* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 64 13 00-0043 | EA | Bell Excavation And Concrete, 9' Bell Diameter Wet Ground, 48" Shaft, 4.48 CY | 4,380.42 | |
| | | *For >50' To 100' Deep, Add* | *351.77* | |
| | | *For >100' To 150' Deep, Add* | *1,095.11* | |
| | | *For >150' To 200' Deep, Add* | *1,370.56* | |
| | | *For >3 To 9, Deduct* | *-42.32* | |
| | | *For >9, Deduct* | *-87.47* | |
| 31 64 13 00-0044 | EA | Bell Excavation And Concrete, 10' Bell Diameter Wet Ground, 60" Shaft, 5.24 CY | 5,151.00 | |
| | | *For >50' To 100' Deep, Add* | *413.49* | |
| | | *For >100' To 150' Deep, Add* | *1,287.75* | |
| | | *For >150' To 200' Deep, Add* | *1,611.45* | |
| | | *For >3 To 9, Deduct* | *-49.61* | |
| | | *For >9, Deduct* | *-102.52* | |
| 31 64 13 00-0045 | EA | Bell Excavation And Concrete, 12' Bell Diameter Wet Ground, 72" Shaft, 8.74 CY | 8,738.09 | |
| | | *For >50' To 100' Deep, Add* | *700.14* | |
| | | *For >100' To 150' Deep, Add* | *2,184.52* | |
| | | *For >150' To 200' Deep, Add* | *2,732.01* | |
| | | *For >3 To 9, Deduct* | *-82.94* | |
| | | *For >9, Deduct* | *-171.41* | |
| 31 64 13 00-0046 | EA | Bell Excavation And Concrete, 14' Bell Diameter Wet Ground, 84" Shaft, 13.6 CY | 12,618.83 | |
| | | *For >50' To 100' Deep, Add* | *1,020.57* | |
| | | *For >100' To 150' Deep, Add* | *3,154.71* | |
| | | *For >150' To 200' Deep, Add* | *3,957.21* | |
| | | *For >3 To 9, Deduct* | *-128.67* | |
| | | *For >9, Deduct* | *-265.92* | |

## 31 64 13 00-0047 Caisson In Soft Rock And Medium Hard Shale *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

## 31 64 13 00-0048 Caisson In Soft Rock *(31 64 13 00-0047)*

Note: Includes 3000 PSI concrete and reinforcing.

| | | | | |
|---|---|---|---|---|
| 31 64 13 00-0049 | VLF | 18" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF. | 213.72 | |
| | | *For Right Angle Drilling, Add* | *70.20* | |
| | | *For >3 To 9, Deduct* | *-1.38* | |
| | | *For >9, Deduct* | *-2.85* | |
| 31 64 13 00-0050 | VLF | 24" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF. | 356.43 | |
| | | *For Right Angle Drilling, Add* | *117.04* | |
| | | *For >3 To 9, Deduct* | *-2.31* | |
| | | *For >9, Deduct* | *-4.78* | |
| 31 64 13 00-0051 | VLF | 30" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF. | 537.56 | |
| | | *For Right Angle Drilling, Add* | *175.83* | |
| | | *For >3 To 9, Deduct* | *-3.69* | |
| | | *For >9, Deduct* | *-7.63* | |
| 31 64 13 00-0052 | VLF | 36" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF. | 687.62 | |
| | | *For Right Angle Drilling, Add* | *222.96* | |
| | | *For >3 To 9, Deduct* | *-5.31* | |
| | | *For >9, Deduct* | *-10.98* | |
| 31 64 13 00-0053 | VLF | 42" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF. | 886.33 | |
| | | *For >50' To 100' Deep, Add* | *69.98* | |
| | | *For >100' To 150' Deep, Add* | *221.58* | |
| | | *For >150' To 200' Deep, Add* | *275.83* | |
| | | *For Right Angle Drilling, Add* | *285.40* | |
| | | *For >3 To 9, Deduct* | *-7.44* | |
| | | *For >9, Deduct* | *-15.39* | |
| 31 64 13 00-0054 | VLF | 48" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF. | 1,068.80 | |
| | | *For Right Angle Drilling, Add* | *343.00* | |
| | | *For >3 To 9, Deduct* | *-9.32* | |
| | | *For >9, Deduct* | *-19.27* | |
| 31 64 13 00-0055 | VLF | 54" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF. | 1,308.17 | |
| | | *For >50' To 100' Deep, Add* | *104.45* | |
| | | *For >100' To 150' Deep, Add* | *327.04* | |
| | | *For >150' To 200' Deep, Add* | *408.55* | |
| | | *For Right Angle Drilling, Add* | *417.62* | |
| | | *For >3 To 9, Deduct* | *-12.07* | |
| | | *For >9, Deduct* | *-24.95* | |
| 31 64 13 00-0056 | VLF | 60" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF. | 1,547.31 | |
| | | *For Right Angle Drilling, Add* | *492.04* | |
| | | *For >3 To 9, Deduct* | *-14.86* | |
| | | *For >9, Deduct* | *-30.70* | |
| 31 64 13 00-0057 | VLF | 66" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF. | 1,701.73 | |
| | | *For >50' To 100' Deep, Add* | *138.30* | |
| | | *For >100' To 150' Deep, Add* | *425.43* | |
| | | *For >150' To 200' Deep, Add* | *534.49* | |
| | | *For Right Angle Drilling, Add* | *535.69* | |
| | | *For >3 To 9, Deduct* | *-17.98* | |
| | | *For >9, Deduct* | *-37.15* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 64 13 00-0058 | VLF | 72" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF. | 1,862.46 | |
| | | *For Right Angle Drilling, Add* | *579.78* | |
| | | *For >3 To 9, Deduct* | *-21.62* | |
| | | *For >9, Deduct* | *-44.69* | |
| 31 64 13 00-0059 | VLF | 78" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF. | 1,912.53 | |
| | | *For >50' To 100' Deep, Add* | *160.95* | |
| | | *For >100' To 150' Deep, Add* | *478.13* | |
| | | *For >150' To 200' Deep, Add* | *607.60* | |
| | | *For Right Angle Drilling, Add* | *584.79* | |
| | | *For >3 To 9, Deduct* | *-25.38* | |
| | | *For >9, Deduct* | *-52.45* | |
| 31 64 13 00-0060 | VLF | 84" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water<br>Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF. | 2,282.61 | |
| | | *For Right Angle Drilling, Add* | *700.80* | |
| | | *For >3 To 9, Deduct* | *-29.43* | |
| | | *For >9, Deduct* | *-60.83* | |

### 31 64 13 00-0061 For Bell Excavation And Concrete, Add *(31 64 13 00-0047)*

| | | | | |
|---|---|---|---|---|
| 31 64 13 00-0062 | EA | Bell Excavation And Concrete, 4' Bell Diameter Soft Rock/Shale 24" Shaft 0.44 CY | 756.02 | |
| | | *For >3 To 9, Deduct* | *-4.19* | |
| | | *For >9, Deduct* | *-8.65* | |
| 31 64 13 00-0063 | EA | Bell Excavation And Concrete, 6' Bell Diameter Soft Rock/Shale 30" Shaft 1.57 CY | 2,660.44 | |
| | | *For >3 To 9, Deduct* | *-14.88* | |
| | | *For >9, Deduct* | *-30.76* | |
| 31 64 13 00-0064 | EA | Bell Excavation And Concrete, 7' Bell Diameter Soft Rock/Shale 36" Shaft 2.33 CY | 3,987.63 | |
| | | *For >3 To 9, Deduct* | *-25.04* | |
| | | *For >9, Deduct* | *-51.74* | |
| 31 64 13 00-0065 | EA | Bell Excavation And Concrete, 8' Bell Diameter Soft Rock/Shale 42" Shaft 3.3 CY | 5,677.32 | |
| | | *For >3 To 9, Deduct* | *-35.19* | |
| | | *For >9, Deduct* | *-72.73* | |
| 31 64 13 00-0066 | EA | Bell Excavation And Concrete, 9' Bell Diameter Soft Rock/Shale 48" Shaft 4.48 CY | 7,502.69 | |
| | | *For >3 To 9, Deduct* | *-42.32* | |
| | | *For >9, Deduct* | *-87.47* | |
| 31 64 13 00-0067 | EA | Bell Excavation And Concrete, 10" Bell Diameter Soft Rock/Shale 60" Shaft 5.24 CY | 9,141.71 | |
| | | *For >3 To 9, Deduct* | *-49.61* | |
| | | *For >9, Deduct* | *-102.52* | |
| 31 64 13 00-0068 | EA | Bell Excavation And Concrete, 12' Bell Diameter Soft Rock/Shale 72" Shaft 8.74 CY | 13,826.25 | |
| | | *For >3 To 9, Deduct* | *-82.94* | |
| | | *For >9, Deduct* | *-171.41* | |
| 31 64 13 00-0069 | EA | Bell Excavation And Concrete, 14' Bell Diameter Soft Rock/Shale 84" Shaft 13.6 CY | 20,796.22 | |
| | | *For >3 To 9, Deduct* | *-128.67* | |
| | | *For >9, Deduct* | *-265.92* | |

### 31 64 13 00-0070 Caisson Setup And Removal *(31 64 13)*

Note: Includes mobilization of equipment, erection, dismantling of equipment, move off of site.

| | | | | |
|---|---|---|---|---|
| 31 64 13 00-0071 | EA | Erect, Set Up, Dismantle And Removal Of Caisson 18" To 36" Diameter, Complete | 3,214.47 | |
| | | *For >3 To 9, Deduct* | *-14.20* | |
| | | *For >9, Deduct* | *-29.35* | |
| 31 64 13 00-0072 | EA | Erect, Set Up, Dismantle And Removal Of Caisson 48" To 84" Diameter, Complete | 4,538.40 | |
| | | *For >3 To 9, Deduct* | *-37.87* | |
| | | *For >9, Deduct* | *-78.25* | |
| 31 64 13 00-0073 | EA | Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 18" To 36" Diameter | 1,512.57 | |
| 31 64 13 00-0074 | EA | Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 48" To 84" Diameter | 2,016.76 | |
| 31 64 13 00-0075 | EA | Relocate Caisson Equipment To Different Hole On-Site Without Dismantling | 126.04 | |

## 31 66 Special Foundation *(31 60)*

### 31 66 15 Helical Foundation Piles *(31 66)*

### 31 66 15 00-0001 Helical Pier Restoration (Atlas) *(31 66 15)*

| | | | | |
|---|---|---|---|---|
| 31 66 15 00-0002 | EA | Structural Steel Piers (Atlas Pier System Or Equal)<br>Note: Includes heavy duty bracket, pier platform, and 14' of 3.5" diameter pier sections, non-corrosive coating, hydraulic lifting, fasteners, and other related activities and materials. Excludes excavation and core drilling | 3,936.84 | |
| | | *For >3 To 9, Deduct* | *-295.26* | |
| | | *For >9, Deduct* | *-610.21* | |
| 31 66 15 00-0003 | EA | Pressure Injecting Grout For Slab Repairs, Per Location<br>Note: Includes preparation, installing and removing grout injection pipes, and finishing. Excludes grout and core drilling. | 507.04 | |
| | | *For >3 To 9, Deduct* | *-38.03* | |
| | | *For >9, Deduct* | *-78.59* | |
| 31 66 15 00-0004 | CY | Pressure Injected Non-Shrink Grout | 507.04 | |
| | | *For >3 To 9, Deduct* | *-38.03* | |
| | | *For >9, Deduct* | *-78.59* | |

## 31 68 Foundation Anchors *(31 60)*

### 31 68 13 Rock Foundation Anchors *(31 68)*

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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 31 68 13 00-0001 | | Materials And Placement *(31 68 13)* | | | |
| 31 68 13 00-0002 | | Hollow Core Prestressable Anchor, ASTM A615 *(31 68 13 00-0001)* Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing. | | | |
| 31 68 13 00-0003 | | 3/4" Diameter *(31 68 13 00-0002)* | | | |
| 31 68 13 00-0004 | EA | 3/4" Rock Bolt, 5' Hollow Core Prestressable Anchor | | 168.34 | |
| | | *For >3 To 9, Deduct* | | *-8.62* | |
| | | *For >9, Deduct* | | *-17.82* | |
| 31 68 13 00-0005 | EA | 3/4" Rock Bolt, 10' Hollow Core Prestressable Anchor | | 243.15 | |
| | | *For >3 To 9, Deduct* | | *-12.90* | |
| | | *For >9, Deduct* | | *-26.66* | |
| 31 68 13 00-0006 | EA | 3/4" Rock Bolt, 15' Hollow Core Prestressable Anchor | | 300.18 | |
| | | *For >3 To 9, Deduct* | | *-17.18* | |
| | | *For >9, Deduct* | | *-35.50* | |
| 31 68 13 00-0007 | EA | 3/4" Rock Bolt, 20' Hollow Core Prestressable Anchor | | 392.79 | |
| | | *For >3 To 9, Deduct* | | *-21.45* | |
| | | *For >9, Deduct* | | *-44.34* | |
| 31 68 13 00-0008 | | 1" Diameter *(31 68 13 00-0002)* | | | |
| 31 68 13 00-0009 | EA | 1" Rock Bolt, 5' Hollow Core Prestressable Anchor | | 216.00 | |
| | | *For >3 To 9, Deduct* | | *-12.20* | |
| | | *For >9, Deduct* | | *-25.21* | |
| 31 68 13 00-0010 | EA | 1" Rock Bolt, 10' Hollow Core Prestressable Anchor | | 334.80 | |
| | | *For >3 To 9, Deduct* | | *-19.77* | |
| | | *For >9, Deduct* | | *-40.87* | |
| 31 68 13 00-0011 | EA | 1" Rock Bolt, 15' Hollow Core Prestressable Anchor | | 435.82 | |
| | | *For >3 To 9, Deduct* | | *-27.35* | |
| | | *For >9, Deduct* | | *-56.52* | |
| 31 68 13 00-0012 | EA | 1" Rock Bolt, 20' Hollow Core Prestressable Anchor | | 572.45 | |
| | | *For >3 To 9, Deduct* | | *-34.93* | |
| | | *For >9, Deduct* | | *-72.19* | |
| 31 68 13 00-0013 | | 1-3/8" Diameter *(31 68 13 00-0002)* | | | |
| 31 68 13 00-0014 | EA | 1-3/8" Rock Bolt, 5' Hollow Core Prestressable Anchor | | 362.98 | |
| | | *For >3 To 9, Deduct* | | *-23.22* | |
| | | *For >9, Deduct* | | *-47.99* | |
| 31 68 13 00-0015 | EA | 1-3/8" Rock Bolt, 10' Hollow Core Prestressable Anchor | | 566.06 | |
| | | *For >3 To 9, Deduct* | | *-37.12* | |
| | | *For >9, Deduct* | | *-76.71* | |
| 31 68 13 00-0016 | EA | 1-3/8" Rock Bolt, 15' Hollow Core Prestressable Anchor | | 751.38 | |
| | | *For >3 To 9, Deduct* | | *-51.02* | |
| | | *For >9, Deduct* | | *-105.44* | |
| 31 68 13 00-0017 | EA | 1-3/8" Rock Bolt, 20' Hollow Core Prestressable Anchor | | 972.26 | |
| | | *For >3 To 9, Deduct* | | *-64.91* | |
| | | *For >9, Deduct* | | *-134.16* | |
| 31 68 13 00-0018 | | 2" Diameter *(31 68 13 00-0002)* | | | |
| 31 68 13 00-0019 | EA | 2" Rock Bolt, 5' Hollow Core Prestressable Anchor | | 809.97 | |
| | | *For >3 To 9, Deduct* | | *-56.75* | |
| | | *For >9, Deduct* | | *-117.27* | |
| 31 68 13 00-0020 | EA | 2" Rock Bolt, 10' Hollow Core Prestressable Anchor | | 1,205.55 | |
| | | *For >3 To 9, Deduct* | | *-85.08* | |
| | | *For >9, Deduct* | | *-175.83* | |
| 31 68 13 00-0021 | EA | 2" Rock Bolt, 15' Hollow Core Prestressable Anchor | | 1,583.29 | |
| | | *For >3 To 9, Deduct* | | *-113.41* | |
| | | *For >9, Deduct* | | *-234.38* | |
| 31 68 13 00-0022 | EA | 2" Rock Bolt, 20' Hollow Core Prestressable Anchor | | 1,996.67 | |
| | | *For >3 To 9, Deduct* | | *-141.75* | |
| | | *For >9, Deduct* | | *-292.94* | |
| 31 68 13 00-0023 | | Super High-Tensile Anchors, ASTM A-108 *(31 68 13 00-0001)* Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing. | | | |
| 31 68 13 00-0024 | | 3/4" Diameter *(31 68 13 00-0023)* | | | |
| 31 68 13 00-0025 | EA | 3/4" Rock Bolt, 5' Super High-Tensile Anchor | | 120.11 | |
| | | *For >3 To 9, Deduct* | | *-5.01* | |
| | | *For >9, Deduct* | | *-10.34* | |
| 31 68 13 00-0026 | EA | 3/4" Rock Bolt, 10' Super High-Tensile Anchor | | 160.24 | |
| | | *For >3 To 9, Deduct* | | *-6.68* | |
| | | *For >9, Deduct* | | *-13.81* | |
| 31 68 13 00-0027 | EA | 3/4" Rock Bolt, 15' Super High-Tensile Anchor | | 182.51 | |
| | | *For >3 To 9, Deduct* | | *-8.35* | |
| | | *For >9, Deduct* | | *-17.26* | |
| 31 68 13 00-0028 | EA | 3/4" Rock Bolt, 20' Super High-Tensile Anchor | | 238.76 | |
| | | *For >3 To 9, Deduct* | | *-9.90* | |
| | | *For >9, Deduct* | | *-20.46* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **31 68 13 00-0029** | | **1" Diameter** *(31 68 13 00-0023)* | | |
| 31 68 13 00-0030 | EA | 1" Rock Bolt, 5' Super High-Tensile Anchor | 144.85 | |
| | | *For >3 To 9, Deduct* | *-6.86* | |
| | | *For >9, Deduct* | *-14.18* | |
| 31 68 13 00-0031 | EA | 1" Rock Bolt, 10' Super High-Tensile Anchor | 201.92 | |
| | | *For >3 To 9, Deduct* | *-9.81* | |
| | | *For >9, Deduct* | *-20.27* | |
| 31 68 13 00-0032 | EA | 1" Rock Bolt, 15' Super High-Tensile Anchor | 239.22 | |
| | | *For >3 To 9, Deduct* | *-12.61* | |
| | | *For >9, Deduct* | *-26.05* | |
| 31 68 13 00-0033 | EA | 1" Rock Bolt, 20' Super High-Tensile Anchor | 312.10 | |
| | | *For >3 To 9, Deduct* | *-15.40* | |
| | | *For >9, Deduct* | *-31.83* | |
| **31 68 13 00-0034** | | **1-1/4" Diameter** *(31 68 13 00-0023)* | | |
| 31 68 13 00-0035 | EA | 1-1/4" Rock Bolt, 5' Super High-Tensile Anchor | 217.51 | |
| | | *For >3 To 9, Deduct* | *-12.31* | |
| | | *For >9, Deduct* | *-25.44* | |
| 31 68 13 00-0036 | EA | 1-1/4" Rock Bolt, 10' Super High-Tensile Anchor | 306.08 | |
| | | *For >3 To 9, Deduct* | *-17.62* | |
| | | *For >9, Deduct* | *-36.41* | |
| 31 68 13 00-0037 | EA | 1-1/4" Rock Bolt, 15' Super High-Tensile Anchor | 376.40 | |
| | | *For >3 To 9, Deduct* | *-22.89* | |
| | | *For >9, Deduct* | *-47.31* | |
| 31 68 13 00-0038 | EA | 1-1/4" Rock Bolt, 20' Super High-Tensile Anchor | 479.38 | |
| | | *For >3 To 9, Deduct* | *-27.95* | |
| | | *For >9, Deduct* | *-57.76* | |
| **31 68 13 00-0039** | | **2" Diameter** *(31 68 13 00-0023)* | | |
| 31 68 13 00-0040 | EA | 2" Rock Bolt, 5' Super High-Tensile Anchor | 587.37 | |
| | | *For >3 To 9, Deduct* | *-40.05* | |
| | | *For >9, Deduct* | *-82.77* | |
| 31 68 13 00-0041 | EA | 2" Rock Bolt, 10' Super High-Tensile Anchor | 835.83 | |
| | | *For >3 To 9, Deduct* | *-57.35* | |
| | | *For >9, Deduct* | *-118.53* | |
| 31 68 13 00-0042 | EA | 2" Rock Bolt, 15' Super High-Tensile Anchor | 1,023.41 | |
| | | *For >3 To 9, Deduct* | *-71.42* | |
| | | *For >9, Deduct* | *-147.60* | |
| 31 68 13 00-0043 | EA | 2" Rock Bolt, 20' Super High-Tensile Anchor | 1,257.92 | |
| | | *For >3 To 9, Deduct* | *-86.34* | |
| | | *For >9, Deduct* | *-178.43* | |
| **31 68 13 00-0044** | | **Solid Rebar Anchors, ASTM A615** *(31 68 13 00-0001)* | | |
| | | Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing. | | |
| **31 68 13 00-0045** | | **3/4" Diameter** *(31 68 13 00-0044)* | | |
| 31 68 13 00-0046 | EA | 3/4" Rock Bolt, 5' Solid Rebar Anchor | 112.17 | |
| | | *For >3 To 9, Deduct* | *-4.41* | |
| | | *For >9, Deduct* | *-9.11* | |
| 31 68 13 00-0047 | EA | 3/4" Rock Bolt, 10' Solid Rebar Anchor | 143.44 | |
| | | *For >3 To 9, Deduct* | *-5.42* | |
| | | *For >9, Deduct* | *-11.20* | |
| 31 68 13 00-0048 | EA | 3/4" Rock Bolt, 15' Solid Rebar Anchor | 156.91 | |
| | | *For >3 To 9, Deduct* | *-6.43* | |
| | | *For >9, Deduct* | *-13.29* | |
| 31 68 13 00-0049 | EA | 3/4" Rock Bolt, 20' Solid Rebar Anchor | 205.98 | |
| | | *For >3 To 9, Deduct* | *-7.44* | |
| | | *For >9, Deduct* | *-15.38* | |
| **31 68 13 00-0050** | | **1" Diameter** *(31 68 13 00-0044)* | | |
| 31 68 13 00-0051 | EA | 1" Rock Bolt, 5' Solid Rebar Anchor | 127.46 | |
| | | *For >3 To 9, Deduct* | *-5.56* | |
| | | *For >9, Deduct* | *-11.48* | |
| 31 68 13 00-0052 | EA | 1" Rock Bolt, 10' Solid Rebar Anchor | 168.72 | |
| | | *For >3 To 9, Deduct* | *-7.32* | |
| | | *For >9, Deduct* | *-15.12* | |
| 31 68 13 00-0053 | EA | 1" Rock Bolt, 15' Solid Rebar Anchor | 192.24 | |
| | | *For >3 To 9, Deduct* | *-9.08* | |
| | | *For >9, Deduct* | *-18.77* | |
| 31 68 13 00-0054 | EA | 1" Rock Bolt, 20' Solid Rebar Anchor | 251.28 | |
| | | *For >3 To 9, Deduct* | *-10.84* | |
| | | *For >9, Deduct* | *-22.41* | |
| **31 68 13 00-0055** | | **1-1/4" Diameter** *(31 68 13 00-0044)* | | |
| 31 68 13 00-0056 | EA | 1-1/4" Rock Bolt, 5' Solid Rebar Anchor | 188.61 | |
| | | *For >3 To 9, Deduct* | *-10.14* | |
| | | *For >9, Deduct* | *-20.96* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 68 13 00-0057 | EA | 1-1/4" Rock Bolt, 10' Solid Rebar Anchor | 243.09 | |
| | | *For >3 To 9, Deduct* | *-12.90* | |
| | | *For >9, Deduct* | *-26.65* | |
| 31 68 13 00-0058 | EA | 1-1/4" Rock Bolt, 15' Solid Rebar Anchor | 279.88 | |
| | | *For >3 To 9, Deduct* | *-15.65* | |
| | | *For >9, Deduct* | *-32.35* | |
| 31 68 13 00-0059 | EA | 1-1/4" Rock Bolt, 20' Solid Rebar Anchor | 352.22 | |
| | | *For >3 To 9, Deduct* | *-18.41* | |
| | | *For >9, Deduct* | *-38.05* | |

### 31 68 13 00-0060 Resin Anchoring With Grade 60 Rebar *(31 68 13 00-0001)*

Note: Pricing includes only material and labor to install anchors.. See CSI section 31 68 13 00-0081 for rebar collars, 31 68 13 00-0083 for resin cartridges, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0207 for rock bolt testing.

### 31 68 13 00-0061 Rebar #6 *(31 68 13 00-0060)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0062 | EA | #6 Rebar Rock Anchor, 5' Resin Anchor With Grade 60 Rebar | 58.49 | |
| | | *For >3 To 9, Deduct* | *-0.38* | |
| | | *For >9, Deduct* | *-0.79* | |
| 31 68 13 00-0063 | EA | #6 Rebar Rock Anchor, 10' Resin Anchor With Grade 60 Rebar | 81.40 | |
| | | *For >3 To 9, Deduct* | *-0.77* | |
| | | *For >9, Deduct* | *-1.59* | |
| 31 68 13 00-0064 | EA | #6 Rebar Rock Anchor, 15' Resin Anchor With Grade 60 Rebar | 86.53 | |
| | | *For >3 To 9, Deduct* | *-1.15* | |
| | | *For >9, Deduct* | *-2.38* | |
| 31 68 13 00-0065 | EA | #6 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar | 116.98 | |
| | | *For >3 To 9, Deduct* | *-0.77* | |
| | | *For >9, Deduct* | *-1.59* | |

### 31 68 13 00-0066 Rebar #8 *(31 68 13 00-0060)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0067 | EA | #8 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar | 62.48 | |
| | | *For >3 To 9, Deduct* | *-0.68* | |
| | | *For >9, Deduct* | *-1.41* | |
| 31 68 13 00-0068 | EA | #8 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar | 89.37 | |
| | | *For >3 To 9, Deduct* | *-1.37* | |
| | | *For >9, Deduct* | *-2.82* | |
| 31 68 13 00-0069 | EA | #8 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar | 98.48 | |
| | | *For >3 To 9, Deduct* | *-2.05* | |
| | | *For >9, Deduct* | *-4.24* | |
| 31 68 13 00-0070 | EA | #8 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar | 143.17 | |
| | | *For >3 To 9, Deduct* | *-2.73* | |
| | | *For >9, Deduct* | *-5.65* | |

### 31 68 13 00-0071 Rebar #10 *(31 68 13 00-0060)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0072 | EA | #10 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar | 68.18 | |
| | | *For >3 To 9, Deduct* | *-1.11* | |
| | | *For >9, Deduct* | *-2.30* | |
| 31 68 13 00-0073 | EA | #10 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar | 100.76 | |
| | | *For >3 To 9, Deduct* | *-2.22* | |
| | | *For >9, Deduct* | *-4.59* | |
| 31 68 13 00-0074 | EA | #10 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar | 115.57 | |
| | | *For >3 To 9, Deduct* | *-3.33* | |
| | | *For >9, Deduct* | *-6.89* | |
| 31 68 13 00-0075 | EA | #10 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar | 165.95 | |
| | | *For >3 To 9, Deduct* | *-4.44* | |
| | | *For >9, Deduct* | *-9.18* | |

### 31 68 13 00-0076 Rebar #14 *(31 68 13 00-0060)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0077 | EA | #14 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar | 81.84 | |
| | | *For >3 To 9, Deduct* | *-2.14* | |
| | | *For >9, Deduct* | *-4.41* | |
| 31 68 13 00-0078 | EA | #14 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar | 128.09 | |
| | | *For >3 To 9, Deduct* | *-4.27* | |
| | | *For >9, Deduct* | *-8.83* | |
| 31 68 13 00-0079 | EA | #14 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar | 156.57 | |
| | | *For >3 To 9, Deduct* | *-6.41* | |
| | | *For >9, Deduct* | *-13.24* | |
| 31 68 13 00-0080 | EA | #14 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar | 220.62 | |
| | | *For >3 To 9, Deduct* | *-8.54* | |
| | | *For >9, Deduct* | *-17.65* | |

### 31 68 13 00-0081 Plastic Rebar Collars, Sizes #6-#14 *(31 68 13 00-0060)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0082 | EA | Plastic Rebar Collars For Rebar #4 To #14 | 2.14 | |
| | | *For >3 To 9, Deduct* | *-0.16* | |
| | | *For >9, Deduct* | *-0.33* | |

### 31 68 13 00-0083 12" Long Resin Cartridges *(31 68 13 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 68 13 00-0084 | EA | 7/8" Resin Cartridge 12" Long | 1.57 | |
| | | *For >3 To 9, Deduct* | *-0.12* | |
| | | *For >9, Deduct* | *-0.24* | |
| 31 68 13 00-0085 | EA | 1" Resin Cartridge 12" Long | 2.15 | |
| | | *For >3 To 9, Deduct* | *-0.16* | |
| | | *For >9, Deduct* | *-0.33* | |
| 31 68 13 00-0086 | EA | 1-1/16" Resin Cartridge 12" Long | 2.31 | |
| | | *For >3 To 9, Deduct* | *-0.17* | |
| | | *For >9, Deduct* | *-0.36* | |
| 31 68 13 00-0087 | EA | 1-1/4" Resin Cartridge 12" Long | 2.49 | |
| | | *For >3 To 9, Deduct* | *-0.19* | |
| | | *For >9, Deduct* | *-0.39* | |
| 31 68 13 00-0088 | EA | 1-3/8" Resin Cartridge 12" Long | 2.86 | |
| | | *For >3 To 9, Deduct* | *-0.21* | |
| | | *For >9, Deduct* | *-0.44* | |
| 31 68 13 00-0089 | EA | 1-9/16" Resin Cartridge 12" Long | 3.58 | |
| | | *For >3 To 9, Deduct* | *-0.27* | |
| | | *For >9, Deduct* | *-0.55* | |
| 31 68 13 00-0090 | EA | 1-3/4" Resin Cartridge 12" Long | 4.92 | |
| | | *For >3 To 9, Deduct* | *-0.37* | |
| | | *For >9, Deduct* | *-0.76* | |

### 31 68 13 00-0091 Head Assembly *(31 68 13 00-0001)*

### 31 68 13 00-0092 3/4" Rod Diameter *(31 68 13 00-0091)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0093 | EA | 3/4" Rod Head Assembly 1-5/8" Short Cone and Shell | 24.91 | |
| | | *For >3 To 9, Deduct* | *-1.87* | |
| | | *For >9, Deduct* | *-3.86* | |
| 31 68 13 00-0094 | EA | 3/4" Rod Head Assembly 1-3/4" Short Cone and Shell | 20.98 | |
| | | *For >3 To 9, Deduct* | *-1.57* | |
| | | *For >9, Deduct* | *-3.25* | |
| 31 68 13 00-0095 | EA | 3/4" Rod Head Assembly 1-7/8" Short Cone and Shell | 22.01 | |
| | | *For >3 To 9, Deduct* | *-1.65* | |
| | | *For >9, Deduct* | *-3.41* | |
| 31 68 13 00-0096 | EA | 3/4" Rod Head Assembly 1-3/4" Long Cone and Shell | 39.52 | |
| | | *For >3 To 9, Deduct* | *-2.96* | |
| | | *For >9, Deduct* | *-6.13* | |
| 31 68 13 00-0097 | EA | 3/4" Rod Head Assembly 1-7/8" Long Cone and Shell | 39.52 | |
| | | *For >3 To 9, Deduct* | *-2.96* | |
| | | *For >9, Deduct* | *-6.13* | |
| 31 68 13 00-0098 | EA | 3/4" Rod Head Assembly 1-3/4" Long Cone and Shell | 37.44 | |
| | | *For >3 To 9, Deduct* | *-2.81* | |
| | | *For >9, Deduct* | *-5.80* | |

### 31 68 13 00-0099 1" Rod Diameter *(31 68 13 00-0091)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0100 | EA | 1" Rod Head Assembly 1-5/8" Short Cone and Shell | 26.85 | |
| | | *For >3 To 9, Deduct* | *-2.01* | |
| | | *For >9, Deduct* | *-4.16* | |
| 31 68 13 00-0101 | EA | 1" Rod Head Assembly 1-3/4" Short Cone and Shell | 22.98 | |
| | | *For >3 To 9, Deduct* | *-1.72* | |
| | | *For >9, Deduct* | *-3.56* | |
| 31 68 13 00-0102 | EA | 1" Rod Head Assembly 1-7/8" Short Cone and Shell | 24.00 | |
| | | *For >3 To 9, Deduct* | *-1.80* | |
| | | *For >9, Deduct* | *-3.72* | |
| 31 68 13 00-0103 | EA | 1" Rod Head Assembly 1-3/4" Long Cone and Shell | 41.57 | |
| | | *For >3 To 9, Deduct* | *-3.12* | |
| | | *For >9, Deduct* | *-6.44* | |
| 31 68 13 00-0104 | EA | 1" Rod Head Assembly 1-7/8" Long Cone and Shell | 41.57 | |
| | | *For >3 To 9, Deduct* | *-3.12* | |
| | | *For >9, Deduct* | *-6.44* | |
| 31 68 13 00-0105 | EA | 1" Rod Head Assembly 1-3/4" Long Cone and Shell | 39.63 | |
| | | *For >3 To 9, Deduct* | *-2.97* | |
| | | *For >9, Deduct* | *-6.14* | |

### 31 68 13 00-0106 1-1/4" Rod Diameter *(31 68 13 00-0091)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0107 | EA | 1-1/4" Rod Head Assembly 2" Short Cone and Shell | 59.91 | |
| | | *For >3 To 9, Deduct* | *-4.49* | |
| | | *For >9, Deduct* | *-9.29* | |
| 31 68 13 00-0108 | EA | 1-1/4" Rod Head Assembly 2-1/4" Short Cone and Shell | 69.98 | |
| | | *For >3 To 9, Deduct* | *-5.25* | |
| | | *For >9, Deduct* | *-10.85* | |
| 31 68 13 00-0109 | EA | 1-1/4" Rod Head Assembly 2-1/2" Short Cone and Shell | 70.98 | |
| | | *For >3 To 9, Deduct* | *-5.32* | |
| | | *For >9, Deduct* | *-11.00* | |
| 31 68 13 00-0110 | EA | 1-1/4" Rod Head Assembly 2-1/4" Long Cone and Shell | 62.95 | |
| | | *For >3 To 9, Deduct* | *-4.72* | |
| | | *For >9, Deduct* | *-9.76* | |
| 31 68 13 00-0111 | EA | 1-1/4" Rod Head Assembly 2-1/2" Long Cone and Shell | 73.40 | |
| | | *For >3 To 9, Deduct* | *-5.51* | |
| | | *For >9, Deduct* | *-11.38* | |

### 31 68 13 00-0112 1-7/8" Rod Diameter *(31 68 13 00-0091)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 68 13 00-0113 | EA | 1-7/8" Rod Head Assembly 3-1/2" Long Cone/Shell/Fl | 235.78 | |
| | | *For >3 To 9, Deduct* | *-17.68* | |
| | | *For >9, Deduct* | *-36.55* | |
| 31 68 13 00-0114 | EA | 1/7/8" Rod Head Assembly 3" Long Cone and Shell | 162.55 | |
| | | *For >3 To 9, Deduct* | *-12.19* | |
| | | *For >9, Deduct* | *-25.20* | |

## 31 68 13 00-0115 2" Rod Diameter *(31 68 13 00-0091)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0116 | EA | 2" Rod Head Assembly 3-1/2" Long Cone/Shell/Fl | 235.78 | |
| | | *For >3 To 9, Deduct* | *-17.68* | |
| | | *For >9, Deduct* | *-36.55* | |
| 31 68 13 00-0117 | EA | 2" Rod Head Assembly 3" Long Cone and Shell | 162.55 | |
| | | *For >3 To 9, Deduct* | *-12.19* | |
| | | *For >9, Deduct* | *-25.20* | |

## 31 68 13 00-0118 Steel Plates With Standard Hole And Washers *(31 68 13 00-0001)*

## 31 68 13 00-0119 Steel Plates *(31 68 13 00-0118)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0120 | EA | 1/4" x 4" x 4" Steel Plate For Rock Bolt With Washer | 3.65 | |
| | | *For >3 To 9, Deduct* | *-0.27* | |
| | | *For >9, Deduct* | *-0.57* | |
| 31 68 13 00-0121 | EA | 1/4" x 6" x 6" Steel Plate For Rock Bolt With Washer | 6.75 | |
| | | *For >3 To 9, Deduct* | *-0.51* | |
| | | *For >9, Deduct* | *-1.05* | |
| 31 68 13 00-0122 | EA | 3/8" x 6" x 6" Steel Plate For Rock Bolt With Washer | 9.39 | |
| | | *For >3 To 9, Deduct* | *-0.70* | |
| | | *For >9, Deduct* | *-1.46* | |
| 31 68 13 00-0123 | EA | 3/8" x 8" x 8" Steel Plate For Rock Bolt With Washer | 16.47 | |
| | | *For >3 To 9, Deduct* | *-1.24* | |
| | | *For >9, Deduct* | *-2.55* | |
| 31 68 13 00-0124 | EA | 1/2" x 5" x 5" Steel Plate For Rock Bolt With Washer | 6.40 | |
| | | *For >3 To 9, Deduct* | *-0.48* | |
| | | *For >9, Deduct* | *-0.99* | |
| 31 68 13 00-0125 | EA | 1/2" x 8" x 8" Steel Plate For Rock Bolt With Washer | 16.80 | |
| | | *For >3 To 9, Deduct* | *-1.26* | |
| | | *For >9, Deduct* | *-2.60* | |
| 31 68 13 00-0126 | EA | 3/4" x 7" x 7" Steel Plate For Rock Bolt With Washer | 27.88 | |
| | | *For >3 To 9, Deduct* | *-2.09* | |
| | | *For >9, Deduct* | *-4.32* | |
| 31 68 13 00-0127 | EA | 3/4" x 8" x 8" Steel Plate For Rock Bolt With Washer | 39.50 | |
| | | *For >3 To 9, Deduct* | *-2.96* | |
| | | *For >9, Deduct* | *-6.12* | |
| 31 68 13 00-0128 | EA | 1" x 4" x 7" Steel Plate For Rock Bolt With Washer | 23.71 | |
| | | *For >3 To 9, Deduct* | *-1.78* | |
| | | *For >9, Deduct* | *-3.68* | |
| 31 68 13 00-0129 | EA | 1" x 9" x 9" Steel Plate For Rock Bolt With Washer | 67.07 | |
| | | *For >3 To 9, Deduct* | *-5.03* | |
| | | *For >9, Deduct* | *-10.40* | |
| 31 68 13 00-0130 | EA | 1" x 12" x 12" Steel Plate For Rock Bolt With Washer | 98.84 | |
| | | *For >3 To 9, Deduct* | *-7.41* | |
| | | *For >9, Deduct* | *-15.32* | |
| 31 68 13 00-0131 | EA | 1-1/4" x 5" x 8" Steel Plate For Rock Bolt With Washer | 43.39 | |
| | | *For >3 To 9, Deduct* | *-3.25* | |
| | | *For >9, Deduct* | *-6.73* | |
| 31 68 13 00-0132 | EA | 1-1/4" x 11" x 11" Steel Plate For Rock Bolt With Washer | 117.34 | |
| | | *For >3 To 9, Deduct* | *-8.80* | |
| | | *For >9, Deduct* | *-18.19* | |
| 31 68 13 00-0133 | EA | 1-1/2" x 5" x 10" Steel Plate For Rock Bolt With Washer | 58.68 | |
| | | *For >3 To 9, Deduct* | *-4.40* | |
| | | *For >9, Deduct* | *-9.10* | |
| 31 68 13 00-0134 | EA | 1-1/2" x 12" x 12" Steel Plate For Rock Bolt With Washer | 141.15 | |
| | | *For >3 To 9, Deduct* | *-10.59* | |
| | | *For >9, Deduct* | *-21.88* | |
| 31 68 13 00-0135 | EA | 1-3/4" x 5" x 10" Steel Plate For Rock Bolt With Washer | 64.77 | |
| | | *For >3 To 9, Deduct* | *-4.86* | |
| | | *For >9, Deduct* | *-10.04* | |
| 31 68 13 00-0136 | EA | 1-3/4" x 12" x 12" Steel Plate For Rock Bolt With Washer | 156.54 | |
| | | *For >3 To 9, Deduct* | *-11.74* | |
| | | *For >9, Deduct* | *-24.26* | |

## 31 68 13 00-0137 Hardened Washers *(31 68 13 00-0118)*

| | | | | |
|---|---|---|---|---|
| 31 68 13 00-0138 | EA | Hardened Washer For 3/4" Diameter Rock Bolt | 0.83 | |
| | | *For >3 To 9, Deduct* | *-0.06* | |
| | | *For >9, Deduct* | *-0.13* | |
| 31 68 13 00-0139 | EA | Hardened Washer For 1" Diameter Rock Bolt | 1.14 | |
| | | *For >3 To 9, Deduct* | *-0.09* | |
| | | *For >9, Deduct* | *-0.18* | |
| 31 68 13 00-0140 | EA | Hardened Washer For 1-1/4" Diameter Rock Bolt | 3.19 | |
| | | *For >3 To 9, Deduct* | *-0.24* | |
| | | *For >9, Deduct* | *-0.49* | |
| 31 68 13 00-0141 | EA | Hardened Washer For 2" Diameter Rock Bolt | 7.94 | |
| | | *For >3 To 9, Deduct* | *-0.60* | |
| | | *For >9, Deduct* | *-1.23* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **31 68 13 00-0142** | | **Beveled Washers** *(31 68 13 00-0118)* | | |
| 31 68 13 00-0143 | EA | Beveled Washer For 3/4" Diameter Rock Bolt | 2.08 | |
| | | *For >3 To 9, Deduct* | *-0.16* | |
| | | *For >9, Deduct* | *-0.32* | |
| 31 68 13 00-0144 | EA | Beveled Washer For 7/8" To 1-1/8" Diameter Rock Bolt | 2.05 | |
| | | *For >3 To 9, Deduct* | *-0.15* | |
| | | *For >9, Deduct* | *-0.32* | |
| 31 68 13 00-0145 | EA | Beveled Wash For 1-1/4" To 1-3/8" Diameter Rock Bolt | 3.10 | |
| | | *For >3 To 9, Deduct* | *-0.23* | |
| | | *For >9, Deduct* | *-0.48* | |
| 31 68 13 00-0146 | EA | Beveled Washer For 1-1/2" Diameter Rock Bolt | 13.27 | |
| | | *For >3 To 9, Deduct* | *-1.00* | |
| | | *For >9, Deduct* | *-2.06* | |
| 31 68 13 00-0147 | EA | Beveled Washer For 2" Diameter Rock Bolt | 9.17 | |
| | | *For >3 To 9, Deduct* | *-0.69* | |
| | | *For >9, Deduct* | *-1.42* | |
| **31 68 13 00-0148** | | **Hex Nuts** *(31 68 13 00-0118)* | | |
| 31 68 13 00-0149 | EA | Hex Nut For 3/4" Diameter Rock Bolt | 1.62 | |
| | | *For >3 To 9, Deduct* | *-0.12* | |
| | | *For >9, Deduct* | *-0.25* | |
| 31 68 13 00-0150 | EA | Hex Nut For 1" Diameter Rock Bolt | 2.65 | |
| | | *For >3 To 9, Deduct* | *-0.20* | |
| | | *For >9, Deduct* | *-0.41* | |
| 31 68 13 00-0151 | EA | Hex Nut For 1-1/4" Diameter Rock Bolt | 10.85 | |
| | | *For >3 To 9, Deduct* | *-0.81* | |
| | | *For >9, Deduct* | *-1.68* | |
| 31 68 13 00-0152 | EA | Hex Nut For 1-1/2" Diameter Rock Bolt | 6.83 | |
| | | *For >3 To 9, Deduct* | *-0.51* | |
| | | *For >9, Deduct* | *-1.06* | |
| 31 68 13 00-0153 | EA | Hex Nut For 2" Diameter Rock Bolt | 43.59 | |
| | | *For >3 To 9, Deduct* | *-3.27* | |
| | | *For >9, Deduct* | *-6.76* | |
| **31 68 13 00-0154** | | **Drilling Operation For Rockbolts** *(31 68 13)* | | |
| **31 68 13 00-0155** | | **Drill Holes For Rock Bolts** *(31 68 13 00-0154)* | | |
| **31 68 13 00-0156** | | **3/4" Diameter Bolt, 1-3/4" Hole** *(31 68 13 00-0155)* | | |
| 31 68 13 00-0157 | EA | Drill 1-3/4" Diameter Hole x 5' Long For 3/4" Diameter Rock Bolts | 159.39 | |
| 31 68 13 00-0158 | EA | Drill 1-3/4" Diameter Hole x 10' Long For 3/4" Diameter Rock Bolts | 301.07 | |
| 31 68 13 00-0159 | EA | Drill 1-3/4" Diameter Hole x 15' Long For 3/4" Diameter Rock Bolts | 451.61 | |
| 31 68 13 00-0160 | EA | Drill 1-3/4" Diameter Hole x 20' Long For 3/4" Diameter Rock Bolts | 541.94 | |
| **31 68 13 00-0161** | | **1" Diameter Bolt, 2" Hole** *(31 68 13 00-0155)* | | |
| 31 68 13 00-0162 | EA | Drill 2" Diameter Hole x 5' Long For 1" Diameter Rock Bolt | 208.44 | |
| 31 68 13 00-0163 | EA | Drill 2" Diameter Hole x 10' Long For 1" Diameter Rock Bolt | 387.09 | |
| 31 68 13 00-0164 | EA | Drill 2" Diameter Hole x 15' Long For 1" Diameter Rock Bolt | 541.94 | |
| 31 68 13 00-0165 | EA | Drill 2" Diameter Hole x 20' Long For 1" Diameter Rock Bolt | 677.43 | |
| **31 68 13 00-0166** | | **1-1/4" Diameter Bolt, 2-1/4" Hole** *(31 68 13 00-0155)* | | |
| 31 68 13 00-0167 | EA | Drill 2-1/4" Diameter Hole x 5' Long For 1-1/4" Diameter Rock Bolt | 225.81 | |
| 31 68 13 00-0168 | EA | Drill 2-1/4" Diameter Hole x 10' Long For 1-1/4" Diameter Rock Bolt | 451.61 | |
| 31 68 13 00-0169 | EA | Drill 2-1/4" Diameter Hole x 15' long For 1-1/4" Diameter Rock Bolt | 677.43 | |
| 31 68 13 00-0170 | EA | Drill 2-1/4" Diameter Hole x 20' Long For 1-1/4" Diameter Rock Bolt | 903.23 | |
| **31 68 13 00-0171** | | **2" Diameter Bolt, 3-1/2" Hole** *(31 68 13 00-0155)* | | |
| 31 68 13 00-0172 | EA | Drill 3-1/2" Diameter Hole x 5 Long For 2" Diameter Rock Bolt | 270.97 | |
| 31 68 13 00-0173 | EA | Drill 3-1/2" Diameter Hole x 10' Long For 2" Diameter Rock Bolt | 541.94 | |
| 31 68 13 00-0174 | EA | Drill 3-1/2" Diameter Hole x 15' Long For 2" Diameter Rock Bolts | 903.23 | |
| 31 68 13 00-0175 | EA | Drill 3-1/2" Diameter Hole x 20' Long For 2" Diameter Rock Bolt | 1,354.85 | |
| **31 68 13 00-0176** | | **Tools** *(31 68 13)* | | |
| **31 68 13 00-0177** | | **Hydraulic Jacks, Monthly Rental** *(31 68 13 00-0176)* | | |
| 31 68 13 00-0178 | EA | 1/2" To 1", 30 Ton Hydraulic Jack For Rock Bolt, 2" Stroke | 637.52 | |
| | | *For >3 To 9, Deduct* | *-47.81* | |
| | | *For >9, Deduct* | *-98.82* | |
| 31 68 13 00-0179 | EA | 1-1/8" To 1-3/8", 60 Ton Hydraulic Jack For Rock Bolt, 3" Stroke | 939.50 | |
| | | *For >3 To 9, Deduct* | *-70.46* | |
| | | *For >9, Deduct* | *-145.62* | |
| 31 68 13 00-0180 | EA | 1-1/8" To 1-3/8", 60 Ton Hydraulic Jack For Rock Bolt, 10" Stroke | 1,576.12 | |
| | | *For >3 To 9, Deduct* | *-118.21* | |
| | | *For >9, Deduct* | *-244.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 31 68 13 00-0181 | EA | 1-7/8" To 2", 100 Ton Hydraulic Jack For Rock Bolt, 10" Stroke | 2,359.66 | |
| | | *For >3 To 9, Deduct* | *-176.97* | |
| | | *For >9, Deduct* | *-365.75* | |
| 31 68 13 00-0182 | EA | 1-7/8" To 2", 150 Ton Hydraulic Jack For Rock Bolt, 12" Stroke | 3,527.26 | |
| | | *For >3 To 9, Deduct* | *-264.54* | |
| | | *For >9, Deduct* | *-546.73* | |
| 31 68 13 00-0183 | | Torque Wrenches And Ratchet Adapter, Monthly Rental *(31 68 13 00-0176)* | | |
| 31 68 13 00-0184 | | 0-500 Foot Pounds (0-678J) *(31 68 13 00-0183)* | | |
| 31 68 13 00-0185 | EA | 1/2" To 1" Bolt Diameter Torque Wrench 0 To 500 Foot Pounds, Monthly Rental | 223.09 | |
| | | *For >3 To 9, Deduct* | *-16.73* | |
| | | *For >9, Deduct* | *-34.58* | |
| 31 68 13 00-0186 | EA | Torque Wrench Ratchet Adapter Monthly Rental, 0 To 500 Foot Pounds | 139.84 | |
| | | *For >3 To 9, Deduct* | *-10.49* | |
| | | *For >9, Deduct* | *-21.68* | |
| 31 68 13 00-0187 | EA | Torque Wrench With Adapter 0 To 500 Foot Pounds, Monthly Rental | 363.20 | |
| | | *For >3 To 9, Deduct* | *-27.24* | |
| | | *For >9, Deduct* | *-56.30* | |
| 31 68 13 00-0188 | | 0-600 Foot Pounds (0-814J) *(31 68 13 00-0183)* | | |
| 31 68 13 00-0189 | EA | 0 To 600 Foot Pounds Torque Wrench Self-Ratcheting, Monthly Rental | 253.29 | |
| | | *For >3 To 9, Deduct* | *-19.00* | |
| | | *For >9, Deduct* | *-39.26* | |
| 31 68 13 00-0190 | | Up To 1,000 Foot Pounds (0-1356J) *(31 68 13 00-0183)* | | |
| 31 68 13 00-0191 | EA | 1-1/8" To 2" Bolt Diameter Torque Wrench 0 To 1,000 Foot Pounds, Monthly Rental | 486.44 | |
| | | *For >3 To 9, Deduct* | *-36.48* | |
| | | *For >9, Deduct* | *-75.40* | |
| 31 68 13 00-0192 | EA | Torque Wrench Ratchet Adapter 0 To 1,000 Foot Pounds, Monthly Rental | 119.98 | |
| | | *For >3 To 9, Deduct* | *-9.00* | |
| | | *For >9, Deduct* | *-18.60* | |
| 31 68 13 00-0193 | EA | Torque Wrench With Ratchet 0 To 1,000 Foot Pounds, Monthly Rental | 606.42 | |
| | | *For >3 To 9, Deduct* | *-45.48* | |
| | | *For >9, Deduct* | *-94.00* | |
| 31 68 13 00-0194 | | Torque Multiplier, 4:1 Multiplier *(31 68 13 00-0176)* | | |
| 31 68 13 00-0195 | EA | Torque Multiplier, 4 To 1 Ratio | 623.02 | |
| | | *For >3 To 9, Deduct* | *-46.73* | |
| | | *For >9, Deduct* | *-96.57* | |
| 31 68 13 00-0196 | | Pneumatic Drive Torque Wrench *(31 68 13 00-0176)* | | |
| 31 68 13 00-0197 | EA | Pneumatic Drive Torque Wrench 250 To 900 Foot Pounds (339J - 1220J) | 1,333.09 | |
| | | *For >3 To 9, Deduct* | *-99.98* | |
| | | *For >9, Deduct* | *-206.63* | |
| 31 68 13 00-0198 | | Grouting *(31 68 13)* | | |
| 31 68 13 00-0199 | | Grouting With Pumps *(31 68 13 00-0198)* | | |
| | | Note: Grout material and labor only. | | |
| 31 68 13 00-0200 | GAL | Rock Bolt Grouting, Hand Pump 1 To 2 GPM Delivery | 17.98 | |
| | | *For >3 To 9, Deduct* | *-0.84* | |
| | | *For >9, Deduct* | *-1.73* | |
| 31 68 13 00-0201 | GAL | Rock Bolt Grouting, Air Pump 3 To 4 GPM Continuous Delivery | 26.68 | |
| | | *For >3 To 9, Deduct* | *-0.84* | |
| | | *For >9, Deduct* | *-1.73* | |
| 31 68 13 00-0202 | GAL | Rock Bolt Grout, Air/Piston Pump 2 To 4 GPM Delivery | 24.81 | |
| | | *For >3 To 9, Deduct* | *-0.84* | |
| | | *For >9, Deduct* | *-1.73* | |
| 31 68 13 00-0203 | | Grout Pumps, Monthly Rental *(31 68 13 00-0198)* | | |
| 31 68 13 00-0204 | EA | Hand Grout Pump, Monthly Rental | 134.87 | |
| | | *For >3 To 9, Deduct* | *-10.12* | |
| | | *For >9, Deduct* | *-20.90* | |
| 31 68 13 00-0205 | EA | Air Powered Programmable Feed Grout Pump Monthly Rental | 1,134.57 | |
| | | *For >3 To 9, Deduct* | *-85.09* | |
| | | *For >9, Deduct* | *-175.86* | |
| 31 68 13 00-0206 | EA | Air Powered, Piston Drive Grout Pump Monthly Rental | 1,980.85 | |
| | | *For >3 To 9, Deduct* | *-148.56* | |
| | | *For >9, Deduct* | *-307.03* | |
| 31 68 13 00-0207 | | Rock Bolt Testing *(31 68 13)* | | |
| 31 68 13 00-0208 | EA | Rock Bolt Test, Low To Medium Capacity LF >100 Bolts Need Testing | 526.31 | |
| | | *For >3 To 9, Deduct* | *-39.47* | |
| | | *For >9, Deduct* | *-81.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

**END OF SECTION 31**

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 32 Exterior Improvements

## 32 01 Operation and Maintenance of Exterior Improvements *(32)*

### 32 01 11 Paving Cleaning *(32 01)*

**32 01 11 53 Paint Removal from Paving** *(32 01 11)*

32 01 11 53-0001 Remove Pavement Markings *(32 01 11 53)*

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

| | | | | |
|---|---|---|---|---|
| 32 01 11 53-0002 | LF | Removal Of 4" Wide Painted Or Epoxy Pavement Striping | 1.75 | |
| | | *For Up To 250, Add* | *0.88* | |
| | | *For >250 To 1,000, Add* | *0.44* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.26* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.44* | |
| | | *For >25,000 To 50,000, Deduct* | *-0.61* | |
| | | *For >50,000, Deduct* | *-0.70* | |
| 32 01 11 53-0003 | LF | Removal Of 6" Wide Painted Or Epoxy Pavement Striping | 2.10 | |
| | | *For Up To 250, Add* | *1.05* | |
| | | *For >250 To 1,000, Add* | *0.53* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.32* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.53* | |
| | | *For >25,000 To 50,000, Deduct* | *-0.74* | |
| | | *For >50,000, Deduct* | *-0.84* | |
| 32 01 11 53-0004 | LF | Removal Of 8" Wide Painted Or Epoxy Pavement Striping | 2.52 | |
| | | *For Up To 250, Add* | *1.26* | |
| | | *For >250 To 1,000, Add* | *0.63* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.38* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.63* | |
| | | *For >25,000 To 50,000, Deduct* | *-0.88* | |
| | | *For >50,000, Deduct* | *-1.01* | |
| 32 01 11 53-0005 | LF | Removal Of 12" Wide Painted Or Epoxy Pavement Striping | 3.02 | |
| | | *For Up To 250, Add* | *1.51* | |
| | | *For >250 To 1,000, Add* | *0.76* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.45* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.76* | |
| | | *For >25,000 To 50,000, Deduct* | *-1.06* | |
| | | *For >50,000, Deduct* | *-1.21* | |
| 32 01 11 53-0006 | SF | Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols | 3.02 | |
| | | *For Up To 250, Add* | *1.51* | |
| | | *For >250 To 1,000, Add* | *0.76* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.45* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.76* | |
| | | *For >25,000 To 50,000, Deduct* | *-1.06* | |
| | | *For >50,000, Deduct* | *-1.21* | |
| 32 01 11 53-0007 | LF | Removal Of 4" Wide Thermoplastic Pavement Striping | 2.25 | |
| | | *For Up To 250, Add* | *1.13* | |
| | | *For >250 To 1,000, Add* | *0.56* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.34* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.56* | |
| | | *For >25,000 To 50,000, Deduct* | *-0.79* | |
| | | *For >50,000, Deduct* | *-0.90* | |
| 32 01 11 53-0008 | LF | Removal Of 6" Wide Thermoplastic Pavement Striping | 2.66 | |
| | | *For Up To 250, Add* | *1.33* | |
| | | *For >250 To 1,000, Add* | *0.67* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.40* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.67* | |
| | | *For >25,000 To 50,000, Deduct* | *-0.93* | |
| | | *For >50,000, Deduct* | *-1.06* | |
| 32 01 11 53-0009 | LF | Removal Of 8" Wide Thermoplastic Pavement Striping | 3.21 | |
| | | *For Up To 250, Add* | *1.61* | |
| | | *For >250 To 1,000, Add* | *0.80* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.48* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.80* | |
| | | *For >25,000 To 50,000, Deduct* | *-1.12* | |
| | | *For >50,000, Deduct* | *-1.28* | |
| 32 01 11 53-0010 | LF | Removal Of 12" Wide Thermoplastic Pavement Striping | 3.85 | |
| | | *For Up To 250, Add* | *1.93* | |
| | | *For >250 To 1,000, Add* | *0.96* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.58* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.96* | |
| | | *For >25,000 To 50,000, Deduct* | *-1.35* | |
| | | *For >50,000, Deduct* | *-1.54* | |
| 32 01 11 53-0011 | SF | Removal Of Thermoplastic Pavement Marking, Letters Or Symbols | 3.85 | |
| | | *For Up To 250, Add* | *1.93* | |
| | | *For >250 To 1,000, Add* | *0.96* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.58* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.96* | |
| | | *For >25,000 To 50,000, Deduct* | *-1.35* | |
| | | *For >50,000, Deduct* | *-1.54* | |

### 32 01 13 Flexible Paving Surface Treatment *(32 01)*

**32 01 13 61 Slurry Seal (Latex Modified)** *(32 01 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 13 61-0001 | | Asphalt Seal Coating, For Roads And Parking Lot *(32 01 13 61)*<br>Note: Includes sweeping and cleaning of area. | | |
| 32 01 13 61-0002 | EA | Asphalt Seal Coating Minimum Charge<br>Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 721.40 | |
| 32 01 13 61-0003 | SY | Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat<br>Note: 1/4" thick, 14 to 18 Lbs/SY. | 3.89 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.33* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.39* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.49* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.36* | |
| 32 01 13 61-0004 | SY | >500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat<br>Note: 1/4" thick, 14 to 18 Lbs/SY. | 3.60 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.31* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.37* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.47* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.36* | |
| 32 01 13 61-0005 | SY | >1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat<br>Note: 1/4" thick, 14 to 18 Lbs/SY. | 3.38 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.30* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.36* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.46* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.36* | |
| 32 01 13 61-0006 | SY | >5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat<br>Note: 1/4" thick, 14 to 18 Lbs/SY. | 3.17 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.29* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.35* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.45* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.36* | |
| 32 01 13 61-0007 | SY | >20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat<br>Note: 1/4" thick, 14 to 18 Lbs/SY. | 2.97 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.28* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.34* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.44* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.36* | |
| 32 01 13 61-0008 | SY | >50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat<br>Note: 1/4" thick, 14 to 18 Lbs/SY. | 2.79 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.27* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.33* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.43* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.36* | |
| 32 01 13 61-0009 | SY | Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat<br>Note: 3/8" thick, 25 to 30 Lbs/SY. | 4.85 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.34* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.40* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.50* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.58* | |
| 32 01 13 61-0010 | SY | >500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat<br>Note: 3/8" thick, 25 to 30 Lbs/SY. | 4.54 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.32* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.38* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.48* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.58* | |
| 32 01 13 61-0011 | SY | >1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat<br>Note: 3/8" thick, 25 to 30 Lbs/SY. | 4.30 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.31* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.37* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.47* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.58* | |
| 32 01 13 61-0012 | SY | >5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat<br>Note: 3/8" thick, 25 to 30 Lbs/SY. | 4.08 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.30* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.36* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.46* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.58* | |
| 32 01 13 61-0013 | SY | >20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat<br>Note: 3/8" thick, 25 to 30 Lbs/SY. | 3.86 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.29* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.35* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.45* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.58* | |
| 32 01 13 61-0014 | SY | >50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat<br>Note: 3/8" thick, 25 to 30 Lbs/SY. | 3.68 | |
| | | *For Tire Rubber Modified Slurry Seal (TRMSS), Add* | *0.28* | |
| | | *For Rubberized Emulsion Aggregate Slurry (REAS), Add* | *0.34* | |
| | | *For Rubberized Polymer Modified Emulsion (RPME), Add* | *0.44* | |
| | | *For Each 0.5% Of Latex Addition, Add* | *0.58* | |
| **32 01 13 62** | | **Asphalt Surface Treatment** *(32 01 13)* | | |
| 32 01 13 62-0001 | | Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) *(32 01 13 62)*<br>Note: Use a blend of emulsified quick-set polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area. | | |
| 32 01 13 62-0002 | SY | Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE) | 8.67 | |
| 32 01 13 62-0003 | SY | Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE) | 8.18 | |
| 32 01 13 62-0004 | SY | >500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE) | 7.76 | |
| 32 01 13 62-0005 | SY | >1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE) | 7.40 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 13 62-0006 | SY | >5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE) | 7.07 | |
| 32 01 13 62-0007 | SY | >10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE) | 6.79 | |
| 32 01 13 62-0008 | SY | >20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE) | 6.58 | |
| 32 01 13 62-0009 | SY | >50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE) | 6.47 | |

## 32 01 16 Flexible Paving Rehabilitation *(32 01)*

### 32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*
Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*
Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.

| | | | | |
|---|---|---|---|---|
| 32 01 16 71-0003 | SY | Up To 3" Depth, Production Cold Milling Of Asphalt | 4.15 | |
| | | *For Up To 2,500, Add* | *3.11* | |
| | | *For >2,500 To 5,000, Add* | *1.04* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.42* | |
| | | *For >25,000, Deduct* | *-0.62* | |
| 32 01 16 71-0004 | SY | >3" To 6" Depth, Production Cold Milling Of Asphalt | 5.53 | |
| | | *For Up To 2,500, Add* | *4.15* | |
| | | *For >2,500 To 5,000, Add* | *1.38* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.55* | |
| | | *For >25,000, Deduct* | *-0.83* | |
| 32 01 16 71-0005 | SY | >6" To 12" Depth, Production Cold Milling Of Asphalt | 7.36 | |
| | | *For Up To 2,500, Add* | *5.52* | |
| | | *For >2,500 To 5,000, Add* | *1.84* | |
| | | *For >10,000 To 25,000, Deduct* | *-0.74* | |
| | | *For >25,000, Deduct* | *-1.10* | |

32 01 16 71-0006 Limited Production Cold Milling *(32 01 16 71-0001)*
Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.

| | | | | |
|---|---|---|---|---|
| 32 01 16 71-0007 | SY | Up To 3" Depth, Limited Cold Milling Of Asphalt | 26.23 | |
| | | *For >100 To 1,000, Deduct* | *-13.12* | |
| | | *For >1,000, Deduct* | *-19.67* | |
| 32 01 16 71-0008 | SY | >3" To 6" Depth, Limited Cold Milling Of Asphalt | 34.74 | |
| | | *For >100 To 1,000, Deduct* | *-17.37* | |
| | | *For >1,000, Deduct* | *-26.06* | |
| 32 01 16 71-0009 | SY | >6" To 12" Depth, Limited Cold Milling Of Asphalt | 46.26 | |
| | | *For >100 To 1,000, Deduct* | *-23.13* | |
| | | *For >1,000, Deduct* | *-34.70* | |

32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*
Note: For use as subbase material, includes spreading and rolling.

| | | | | |
|---|---|---|---|---|
| 32 01 16 71-0011 | SY | Grind, Leave In-Place As Subbase Course, 6-9" Depth | 6.68 | |

### 32 01 16 74 In Place Hot Reused Asphalt Paving *(32 01 16)*

32 01 16 74-0001 Rejuvenate, Respread Asphalt Pavement *(32 01 16 74)*
Note: Includes direct loading into truck.

| | | | | |
|---|---|---|---|---|
| 32 01 16 74-0002 | SY | Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep | 11.26 | |
| 32 01 16 74-0003 | SY | Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar | 13.12 | |
| 32 01 16 74-0004 | TON | Removal, Rejuvenation, And Respreading Of Asphalt Grindings | 178.96 | |

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing *(32 01 16 74)*
Note: Includes direct loading into truck.

| | | | | |
|---|---|---|---|---|
| 32 01 16 74-0006 | SY | Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 14.13 | |
| 32 01 16 74-0007 | SY | Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 7.07 | |
| 32 01 16 74-0008 | SY | Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 3.54 | |
| 32 01 16 74-0009 | SY | Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 3.35 | |
| 32 01 16 74-0010 | SY | >2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 3.85 | |
| 32 01 16 74-0011 | SY | >2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 15.41 | |
| 32 01 16 74-0012 | SY | >2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 7.71 | |
| 32 01 16 74-0013 | SY | >2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 3.63 | |
| 32 01 16 74-0014 | SY | >3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 16.96 | |
| 32 01 16 74-0015 | SY | >3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 8.47 | |
| 32 01 16 74-0016 | SY | >3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 4.24 | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 16 74-0017 | SY | >3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 3.91 | |
| 32 01 16 74-0018 | SY | >4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 18.50 | |
| 32 01 16 74-0019 | SY | >4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 9.25 | |
| 32 01 16 74-0020 | SY | >4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 4.62 | |
| 32 01 16 74-0021 | SY | >4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base | 4.32 | |
| 32 01 16 74-0022 | EA | Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew | 1,589.76 | |

## 32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

### 32 01 17 61 Sealing Cracks in Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

#### 32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair *(32 01 17 61)*

Note: Includes removing loose materials and cleaning.

| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 17 61-0002 | LF | Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler | 1.70 | |
| | | Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack. | | |
| | | *For 3/4" x 1/2" Fill, Add* | *0.48* | |
| | | *For 1" x 1/2" Fill, Add* | *0.91* | |
| | | *For Backer Rod, Add* | *0.94* | |
| 32 01 17 61-0003 | LF | >200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler | 1.38 | |
| | | Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack. | | |
| | | *For 3/4" x 1/2" Fill, Add* | *0.40* | |
| | | *For 1" x 1/2" Fill, Add* | *0.76* | |
| | | *For Backer Rod, Add* | *0.84* | |
| 32 01 17 61-0004 | LF | >500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler | 1.10 | |
| | | Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack. | | |
| | | *For 3/4" x 1/2" Fill, Add* | *0.32* | |
| | | *For 1" x 1/2" Fill, Add* | *0.61* | |
| | | *For Backer Rod, Add* | *0.74* | |
| 32 01 17 61-0005 | LF | >2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler | 0.95 | |
| | | Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack. | | |
| | | *For 3/4" x 1/2" Fill, Add* | *0.28* | |
| | | *For 1" x 1/2" Fill, Add* | *0.54* | |
| | | *For Backer Rod, Add* | *0.69* | |
| 32 01 17 61-0006 | LF | >5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler | 0.85 | |
| | | Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack. | | |
| | | *For 3/4" x 1/2" Fill, Add* | *0.25* | |
| | | *For 1" x 1/2" Fill, Add* | *0.48* | |
| | | *For Backer Rod, Add* | *0.65* | |
| 32 01 17 61-0007 | LF | >10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler | 0.78 | |
| | | Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack. | | |
| | | *For 3/4" x 1/2" Fill, Add* | *0.23* | |
| | | *For 1" x 1/2" Fill, Add* | *0.44* | |
| | | *For Backer Rod, Add* | *0.61* | |
| 32 01 17 61-0008 | LF | Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler | 2.59 | |
| 32 01 17 61-0009 | LF | >200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler | 2.09 | |
| 32 01 17 61-0010 | LF | >500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler | 1.62 | |
| 32 01 17 61-0011 | LF | >2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler | 1.43 | |
| 32 01 17 61-0012 | LF | >5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler | 1.29 | |
| 32 01 17 61-0013 | LF | >10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler | 1.19 | |
| 32 01 17 61-0014 | LF | For Routing And Cleaning Of Crack, Add Per 1/2" Depth | 0.42 | |

### 32 01 17 63 Flexible Pavement Repair *(32 01 17)*

#### 32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 17 63-0002 | EA | Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons | 1,501.34 | |
| 32 01 17 63-0003 | TON | Temporary Pot Hole Repairs With Cold Mix Modified | 455.07 | |
| | | Note: Use for each ton over 3 tons. | | |
| 32 01 17 63-0004 | EA | Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons | 1,430.96 | |
| 32 01 17 63-0005 | TON | Temporary Pot Hole Repairs With Cold Mix | 431.61 | |
| | | Note: Use for each ton over 3 tons. | | |
| 32 01 17 63-0006 | EA | Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons | 1,395.77 | |
| 32 01 17 63-0007 | TON | Temporary Pot Hole Repairs With Hot Mix Modified | 419.88 | |
| | | Note: Use for each ton over 3 tons. | | |
| 32 01 17 63-0008 | EA | Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons | 1,360.58 | |
| 32 01 17 63-0009 | TON | Temporary Pot Hole Repairs With Hot Mix | 408.15 | |
| | | Note: Use for each ton over 3 tons. | | |

#### 32 01 17 63-0010 Permanent Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 17 63-0011 | EA | Permanent Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons | 1,754.43 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 17 63-0012 | TON | Permanent Pot Hole Repairs With Cold Mix Modified<br>Note: Use for each ton over 3 tons. | 570.86 | |
| 32 01 17 63-0013 | EA | Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons | 1,684.05 | |
| 32 01 17 63-0014 | TON | Permanent Pot Hole Repairs With Cold Mix<br>Note: Use for each ton over 3 tons. | 547.40 | |
| 32 01 17 63-0015 | EA | Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons | 1,648.86 | |
| 32 01 17 63-0016 | TON | Permanent Pot Hole Repairs With Hot Mix Modified<br>Note: Use for each ton over 3 tons. | 535.67 | |
| 32 01 17 63-0017 | EA | Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons | 1,613.67 | |
| 32 01 17 63-0018 | TON | Permanent Pot Hole Repairs With Hot Mix<br>Note: Use for each ton over 3 tons. | 523.94 | |

### 32 01 17 63-0019 Asphalt Placement For Small Repairs *(32 01 17 63)*

Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0001 for saw cutting, 32 12 00 00-0000 for areas requiring more than 100 tons, 32 12 16 00-0000 for areas requiring more than 100 tons.

| | | | | |
|---|---|---|---|---|
| 32 01 17 63-0020 | TON | Asphalt Placement For Small Repair Areas, Cold Mix Modified<br>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. | 275.71 | |
| 32 01 17 63-0021 | EA | Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons<br>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. | 2,030.10 | |
| 32 01 17 63-0022 | TON | Asphalt Placement For Small Repair Areas, Cold Mix<br>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. | 252.25 | |
| 32 01 17 63-0023 | EA | Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons<br>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. | 1,994.91 | |
| 32 01 17 63-0024 | TON | Asphalt Placement For Small Repair Areas, Hot Mix Modified<br>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. | 240.52 | |
| 32 01 17 63-0025 | EA | Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons<br>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. | 1,959.72 | |
| 32 01 17 63-0026 | TON | Asphalt Placement For Small Repair Areas, Hot Mix<br>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. | 228.79 | |

### 32 01 17 63-0027 Grind Asphalt *(32 01 17 63)*

| | | | | |
|---|---|---|---|---|
| 32 01 17 63-0028 | SY | Grinding Asphalt To Level Bump Or Raised Area | 17.59 | |

### 32 01 17 63-0029 Utility Potholing *(32 01 17 63)*

| | | | | |
|---|---|---|---|---|
| 32 01 17 63-0030 | DAY | Utility Potholing<br>Note: Includes laborer, equipment operator, loader/backhoe, compaction water and equipment mob/demob. Excludes imported materials and asphalt. | 1,423.29 | |

## 32 01 26 Rigid Paving Rehabilitation *(32 01)*

### 32 01 26 71 Grooving of Concrete Paving *(32 01 26)*

#### 32 01 26 71-0001 Roadway Grooving *(32 01 26 71)*

| | | | | |
|---|---|---|---|---|
| 32 01 26 71-0002 | EA | First 500 SY Of Pavement Grooving, Concrete, Longitudinal | 3,624.65 | |
| 32 01 26 71-0003 | SY | Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal | 3.35 | |
| 32 01 26 71-0004 | EA | First 500 SY Of Pavement Grooving, Concrete, Traverse | 4,037.98 | |
| 32 01 26 71-0005 | SY | Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse | 4.37 | |

#### 32 01 26 71-0006 Rumble Strips *(32 01 26 71)*

| | | | | |
|---|---|---|---|---|
| 32 01 26 71-0007 | EA | First 5280 LF Of MIARDS, Rumble Strips, Asphalt | 3,697.81 | |
| 32 01 26 71-0008 | LF | Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt | 0.68 | |
| 32 01 26 71-0009 | EA | First 2000 LF Of MIARDS, Rumble Strips, Concrete | 4,120.88 | |
| 32 01 26 71-0010 | LF | Each LF Over First 2000 LF Of MIARDS, Rumble Strips, Concrete | 0.75 | |

### 32 01 26 73 Milling Of Concrete Paving *(32 01 26)*

#### 32 01 26 73-0001 Removal Of Concrete *(32 01 26 73)*

Note: Includes direct loading into truck.

#### 32 01 26 73-0002 Production Milling Of Roads And Parking Areas *(32 01 26 73-0001)*

Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.

| | | | | |
|---|---|---|---|---|
| 32 01 26 73-0003 | SY | Production Milling Of Concrete Per Inch | 6.28 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 26 73-0004 | | **Limited Production Milling** *(32 01 26 73-0001)*<br>Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling. | | |
| 32 01 26 73-0005 | SY | Limited Production Milling Of Concrete Per Inch | 39.43 | |

## 32 01 90 Operation and Maintenance of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

### 32 01 90 13 Fertilizing *(32 01 90)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 13-0001 | MSF | Fertilizer - 2 LB Of Nitrogen/MSF (Granular) | 12.66 | |
| 32 01 90 13-0002 | MSF | Fertilizer - 2 LB Of Nitrogen/MSF (Liquid) | 8.80 | |
| 32 01 90 13-0003 | MSF | Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular) | 9.73 | |
| 32 01 90 13-0004 | MSF | Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid) | 7.84 | |

### 32 01 90 19 Mowing *(32 01 90)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 19-0001 | ACR | Vegetation Cutting By Bush Hog.<br>Note: Includes normal debris removal, cutting, and trimming. | 171.19 | |
| | | *For <1 Acre, Add* | *42.80* | |

### 32 01 90 23 Pruning *(32 01 90)*

32 01 90 23-0001 **Tree Pruning** *(32 01 90 23)*

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumspter.

32 01 90 23-0002 **Tree Pruning; Crown Cleaning** *(32 01 90 23-0001)*

Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.

| | | | |
|---|---|---|---|
| 32 01 90 23-0003 | EA | 1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand | 25.20 |
| 32 01 90 23-0004 | EA | 2" Caliper, Tree Pruning (Crown Cleaning), By Hand | 28.79 |
| 32 01 90 23-0005 | EA | 2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand | 32.40 |
| 32 01 90 23-0006 | EA | 3" Caliper, Tree Pruning (Crown Cleaning), By Hand | 35.99 |
| 32 01 90 23-0007 | EA | 4" Caliper, Tree Pruning (Crown Cleaning), By Hand | 54.70 |
| 32 01 90 23-0008 | EA | 4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 95.39 |
| 32 01 90 23-0009 | EA | 6" Caliper, Tree Pruning (Crown Cleaning), By Hand | 95.73 |
| 32 01 90 23-0010 | EA | 6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 181.69 |
| 32 01 90 23-0011 | EA | 9" Caliper, Tree Pruning (Crown Cleaning), By Hand | 153.29 |
| 32 01 90 23-0012 | EA | 9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 290.64 |
| 32 01 90 23-0013 | EA | 12" Caliper, Tree Pruning (Crown Cleaning), By Hand | 177.13 |
| 32 01 90 23-0014 | EA | 12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 336.11 |
| 32 01 90 23-0015 | EA | 18" Caliper, Tree Pruning (Crown Cleaning), By Hand | 205.91 |
| 32 01 90 23-0016 | EA | 18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 390.61 |
| 32 01 90 23-0017 | EA | 24" Caliper, Tree Pruning (Crown Cleaning), By Hand | 250.65 |
| 32 01 90 23-0018 | EA | 24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 472.45 |
| 32 01 90 23-0019 | EA | 30" Caliper, Tree Pruning (Crown Cleaning), By Hand | 311.35 |
| 32 01 90 23-0020 | EA | 30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 595.43 |
| 32 01 90 23-0021 | EA | 36" Caliper, Tree Pruning (Crown Cleaning), By Hand | 426.45 |
| 32 01 90 23-0022 | EA | 36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 807.01 |
| 32 01 90 23-0023 | EA | 48" Caliper, Tree Pruning (Crown Cleaning), By Hand | 676.54 |
| 32 01 90 23-0024 | EA | 48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment | 1,297.79 |

32 01 90 23-0025 **Tree Pruning; Crown Thinning** *(32 01 90 23-0001)*

Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.

| | | | |
|---|---|---|---|
| 32 01 90 23-0026 | EA | 1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand | 30.88 |
| 32 01 90 23-0027 | EA | 2" Caliper, Tree Pruning (Crown Thinning), By Hand | 35.28 |
| 32 01 90 23-0028 | EA | 2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand | 39.66 |
| 32 01 90 23-0029 | EA | 3" Caliper, Tree Pruning (Crown Thinning), By Hand | 44.13 |
| 32 01 90 23-0030 | EA | 4" Caliper, Tree Pruning (Crown Thinning), By Hand | 67.02 |
| 32 01 90 23-0031 | EA | 4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 116.83 |
| 32 01 90 23-0032 | EA | 6" Caliper, Tree Pruning (Crown Thinning), By Hand | 117.27 |
| 32 01 90 23-0033 | EA | 6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 222.57 |
| 32 01 90 23-0034 | EA | 9" Caliper, Tree Pruning (Crown Thinning), By Hand | 187.81 |
| 32 01 90 23-0035 | EA | 9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 356.02 |
| 32 01 90 23-0036 | EA | 12" Caliper, Tree Pruning (Crown Thinning), By Hand | 216.96 |
| 32 01 90 23-0037 | EA | 12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 411.71 |
| 32 01 90 23-0038 | EA | 18" Caliper, Tree Pruning (Crown Thinning), By Hand | 252.23 |
| 32 01 90 23-0039 | EA | 18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 478.48 |
| 32 01 90 23-0040 | EA | 24" Caliper, Tree Pruning (Crown Thinning), By Hand | 307.01 |
| 32 01 90 23-0041 | EA | 24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 578.78 |
| 32 01 90 23-0042 | EA | 30" Caliper, Tree Pruning (Crown Thinning), By Hand | 381.37 |
| 32 01 90 23-0043 | EA | 30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 729.40 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 90 23-0044 | EA | 36" Caliper, Tree Pruning (Crown Thinning), By Hand | 522.39 | |
| 32 01 90 23-0045 | EA | 36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 988.58 | |
| 32 01 90 23-0046 | EA | 48" Caliper, Tree Pruning (Crown Thinning), By Hand | 828.76 | |
| 32 01 90 23-0047 | EA | 48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment | 1,589.79 | |

### 32 01 90 23-0048 Tree Pruning; Crown Raising *(32 01 90 23-0001)*

Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.

| | | | | |
|---|---|---|---|---|
| 32 01 90 23-0049 | EA | 1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand | 34.05 | |
| 32 01 90 23-0050 | EA | 2" Caliper, Tree Pruning (Crown Raising), By Hand | 38.87 | |
| 32 01 90 23-0051 | EA | 2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand | 43.77 | |
| 32 01 90 23-0052 | EA | 3" Caliper, Tree Pruning (Crown Raising), By Hand | 48.58 | |
| 32 01 90 23-0053 | EA | 4" Caliper, Tree Pruning (Crown Raising), By Hand | 73.85 | |
| 32 01 90 23-0054 | EA | 4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 128.82 | |
| 32 01 90 23-0055 | EA | 6" Caliper, Tree Pruning (Crown Raising), By Hand | 129.21 | |
| 32 01 90 23-0056 | EA | 6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 245.28 | |
| 32 01 90 23-0057 | EA | 9" Caliper, Tree Pruning (Crown Raising), By Hand | 206.95 | |
| 32 01 90 23-0058 | EA | 9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 392.36 | |
| 32 01 90 23-0059 | EA | 12" Caliper, Tree Pruning (Crown Raising), By Hand | 239.14 | |
| 32 01 90 23-0060 | EA | 12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 453.78 | |
| 32 01 90 23-0061 | EA | 18" Caliper, Tree Pruning (Crown Raising), By Hand | 278.01 | |
| 32 01 90 23-0062 | EA | 18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 527.36 | |
| 32 01 90 23-0063 | EA | 24" Caliper, Tree Pruning (Crown Raising), By Hand | 338.40 | |
| 32 01 90 23-0064 | EA | 24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 637.83 | |
| 32 01 90 23-0065 | EA | 30" Caliper, Tree Pruning (Crown Raising), By Hand | 420.31 | |
| 32 01 90 23-0066 | EA | 30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 803.80 | |
| 32 01 90 23-0067 | EA | 36" Caliper, Tree Pruning (Crown Raising), By Hand | 575.73 | |
| 32 01 90 23-0068 | EA | 36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 1,089.42 | |
| 32 01 90 23-0069 | EA | 48" Caliper, Tree Pruning (Crown Raising), By Hand | 913.34 | |
| 32 01 90 23-0070 | EA | 48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment | 1,752.05 | |

### 32 01 90 23-0071 Tree Pruning; Crown Reduction *(32 01 90 23-0001)*

Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.

| | | | | |
|---|---|---|---|---|
| 32 01 90 23-0072 | EA | 1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand | 36.57 | |
| 32 01 90 23-0073 | EA | 2" Caliper, Tree Pruning (Crown Reduction), By Hand | 41.75 | |
| 32 01 90 23-0074 | EA | 2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand | 47.01 | |
| 32 01 90 23-0075 | EA | 3" Caliper, Tree Pruning (Crown Reduction), By Hand | 52.19 | |
| 32 01 90 23-0076 | EA | 4" Caliper, Tree Pruning (Crown Reduction), By Hand | 79.33 | |
| 32 01 90 23-0077 | EA | 4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 138.36 | |
| 32 01 90 23-0078 | EA | 6" Caliper, Tree Pruning (Crown Reduction), By Hand | 138.78 | |
| 32 01 90 23-0079 | EA | 6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 263.45 | |
| 32 01 90 23-0080 | EA | 9" Caliper, Tree Pruning (Crown Reduction), By Hand | 222.29 | |
| 32 01 90 23-0081 | EA | 9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 421.43 | |
| 32 01 90 23-0082 | EA | 12" Caliper, Tree Pruning (Crown Reduction), By Hand | 256.84 | |
| 32 01 90 23-0083 | EA | 12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 487.38 | |
| 32 01 90 23-0084 | EA | 18" Caliper, Tree Pruning (Crown Reduction), By Hand | 298.59 | |
| 32 01 90 23-0085 | EA | 18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 566.42 | |
| 32 01 90 23-0086 | EA | 24" Caliper, Tree Pruning (Crown Reduction), By Hand | 363.45 | |
| 32 01 90 23-0087 | EA | 24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 685.06 | |
| 32 01 90 23-0088 | EA | 30" Caliper, Tree Pruning (Crown Reduction), By Hand | 451.49 | |
| 32 01 90 23-0089 | EA | 30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 863.39 | |
| 32 01 90 23-0090 | EA | 36" Caliper, Tree Pruning (Crown Reduction), By Hand | 618.35 | |
| 32 01 90 23-0091 | EA | 36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 1,170.17 | |
| 32 01 90 23-0092 | EA | 48" Caliper, Tree Pruning (Crown Reduction), By Hand | 981.01 | |
| 32 01 90 23-0093 | EA | 48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment | 1,881.77 | |

### 32 01 90 23-0094 Tree Pruning; Crown Restoration *(32 01 90 23-0001)*

Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

| | | | | |
|---|---|---|---|---|
| 32 01 90 23-0095 | EA | 1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand | 41.96 | |
| 32 01 90 23-0096 | EA | 2" Caliper, Tree Pruning (Crown Restoration), By Hand | 48.02 | |
| 32 01 90 23-0097 | EA | 2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand | 53.99 | |
| 32 01 90 23-0098 | EA | 3" Caliper, Tree Pruning (Crown Restoration), By Hand | 59.96 | |
| 32 01 90 23-0099 | EA | 4" Caliper, Tree Pruning (Crown Restoration), By Hand | 91.13 | |
| 32 01 90 23-0100 | EA | 4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 158.98 | |
| 32 01 90 23-0101 | EA | 6" Caliper, Tree Pruning (Crown Restoration), By Hand | 159.51 | |
| 32 01 90 23-0102 | EA | 6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 302.78 | |
| 32 01 90 23-0103 | EA | 9" Caliper, Tree Pruning (Crown Restoration), By Hand | 255.47 | |
| 32 01 90 23-0104 | EA | 9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 484.39 | |
| 32 01 90 23-0105 | EA | 12" Caliper, Tree Pruning (Crown Restoration), By Hand | 295.21 | |
| 32 01 90 23-0106 | EA | 12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 560.15 | |
| 32 01 90 23-0107 | EA | 18" Caliper, Tree Pruning (Crown Restoration), By Hand | 343.15 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 01 90 23-0108 | EA | 18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 650.99 | |
| 32 01 90 23-0109 | EA | 24" Caliper, Tree Pruning (Crown Restoration), By Hand | 417.73 | |
| 32 01 90 23-0110 | EA | 24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 787.44 | |
| 32 01 90 23-0111 | EA | 30" Caliper, Tree Pruning (Crown Restoration), By Hand | 518.93 | |
| 32 01 90 23-0112 | EA | 30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 992.39 | |
| 32 01 90 23-0113 | EA | 36" Caliper, Tree Pruning (Crown Restoration), By Hand | 710.78 | |
| 32 01 90 23-0114 | EA | 36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 1,345.06 | |
| 32 01 90 23-0115 | EA | 48" Caliper, Tree Pruning (Crown Restoration), By Hand | 1,127.56 | |
| 32 01 90 23-0116 | EA | 48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment | 2,163.03 | |

### 32 01 90 23-0117 Palm Tree Pruning *(32 01 90 23)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 23-0118 | EA | Trim Mexican Palm Tree | 76.32 | |
| 32 01 90 23-0119 | EA | Trim Date Palm Tree | 172.21 | |
| 32 01 90 23-0120 | LF | Skin Palm Tree | 19.57 | |
| 32 01 90 23-0121 | EA | Trim And Skin Palm Tree, Up To 30' Height | 77.22 | |
| 32 01 90 23-0122 | EA | Trim And Skin Palm Tree, >30' To 60' Height | 95.39 | |
| 32 01 90 23-0123 | EA | Trim And Skin Palm Tree, >60' To 80' Height | 106.74 | |

### 32 01 90 23-0125 Shrub Pruning *(32 01 90 23)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 23-0126 | MSF | Shrub Pruning, Prune, Shrub Bed | 82.02 | |
| 32 01 90 23-0127 | EA | Shrub Pruning, Prune, Shrub Under 3' Height | 2.88 | |
| 32 01 90 23-0128 | EA | Shrub Pruning, Prune, Shrub 4' Height | 6.48 | |
| 32 01 90 23-0129 | EA | Shrub Pruning, Prune, Shrub Over 6' | 11.52 | |
| 32 01 90 23-0130 | EA | Shrub Pruning, Prune Trees From Ground | 28.79 | |
| 32 01 90 23-0131 | EA | Shrub Pruning, Prune Trees From Ground, High Work | 71.98 | |

## 32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

### 32 01 90 26-0001 Watering Lawns, Plants And Trees *(32 01 90 26)*

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.

| | | | | |
|---|---|---|---|---|
| 32 01 90 26-0002 | MSF | Watering Sod/Grass, Per Inch Of Water | 46.25 | |
| 32 01 90 26-0003 | CSF | Watering Groundcover | 7.18 | |
| 32 01 90 26-0004 | CSF | Watering Annuals And Perennials | 12.78 | |
| 32 01 90 26-0005 | EA | Watering Trees, 1-1/2" To 5" Diameter By Hand | 24.80 | |
| 32 01 90 26-0006 | EA | Watering Trees, 6" To 12" Diameter By Hand | 32.61 | |
| 32 01 90 26-0007 | EA | Watering Trees, 13" To 18" Diameter By Hand | 40.40 | |
| 32 01 90 26-0008 | EA | Watering Trees, >18" Diameter By Hand | 49.74 | |
| 32 01 90 26-0009 | EA | Watering Shrub Or Bush By Hand | 12.46 | |

## 32 01 90 36 Weed and Brush Control *(32 01 90)*

### 32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied *(32 01 90 36)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 36-0002 | MSF | Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF) | 6.63 | |
| | | *For >45 To 90, Deduct* | | *-0.37* |
| | | *For >90 To 225, Deduct* | | *-1.03* |
| | | *For >225 To 870, Deduct* | | *-1.69* |
| | | *For >870, Deduct* | | *-2.06* |
| 32 01 90 36-0003 | MSF | Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF) | 7.20 | |
| | | *For >45 To 90, Deduct* | | *-0.42* |
| | | *For >90 To 225, Deduct* | | *-1.14* |
| | | *For >225 To 870, Deduct* | | *-1.86* |
| | | *For >870, Deduct* | | *-2.29* |
| 32 01 90 36-0004 | MSF | Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF)<br>Note: Includes pre and post emergent. | 7.17 | |
| | | *For >45 To 90, Deduct* | | *-0.42* |
| | | *For >90 To 225, Deduct* | | *-1.14* |
| | | *For >225 To 870, Deduct* | | *-1.86* |
| | | *For >870, Deduct* | | *-2.28* |
| 32 01 90 36-0005 | MSF | Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF)<br>Note: Includes pre and post emergents. | 7.53 | |
| | | *For >45 To 90, Deduct* | | *-0.46* |
| | | *For >90 To 225, Deduct* | | *-1.21* |
| | | *For >225 To 870, Deduct* | | *-1.96* |
| | | *For >870, Deduct* | | *-2.42* |

## 32 01 90 39 Pesticides *(32 01 90)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 39-0001 | MSF | Pesticide - Surface Eating | 9.27 | |
| 32 01 90 39-0002 | MSF | Pesticide - Subsurface Eating | 9.31 | |
| 32 01 90 39-0003 | MSF | Pesticide - Fungicide Application | 10.28 | |

## 32 01 90 43 Weed and Cultivate Beds *(32 01 90)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 43-0001 | MSF | Weed Mulched Bed | 34.39 | |
| 32 01 90 43-0002 | MSF | Weed Unmulched Bed | 98.26 | |
| 32 01 90 43-0003 | MSF | Cultivate Bed | 52.91 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

**32 01 90 46 Hedge Trimming** *(32 01 90)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 46-0001 | LF | Trim 0-5' High Hedge, 0-3' Wide | 4.58 | |
| 32 01 90 46-0002 | LF | Trim 0-5' High Hedge, 4-6' Wide | 6.87 | |
| 32 01 90 46-0003 | LF | Trim 5-10' High Hedge, 0-3' Wide | 10.40 | |
| 32 01 90 46-0004 | LF | Trim 5-10' High Hedge, 4-6' Wide | 10.59 | |

**32 01 90 53 Plant Growth Regulator Application** *(32 01 90)*

| | | | | |
|---|---|---|---|---|
| 32 01 90 53-0001 | EA | Plant Growth Regulator Application | 5.72 | |

## 32 10 Bases, Ballasts, and Paving *(32)*

### 32 11 Base Courses *(32 10)*

**32 11 16 Subbase Courses** *(32 11)*

**32 11 16 16 Aggregate Subbase Courses** *(32 11 16)*

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 16)*
Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY *(32 11 16 16-0001)*

| | | | | |
|---|---|---|---|---|
| 32 11 16 16-0003 | CY | Class II Base Course | 84.41 | |

**32 11 23 Aggregate Base Courses** *(32 11)*

**32 11 23 16 Aggregate Base Courses** *(32 11 23)*

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 23 16)*
Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

| | | | | |
|---|---|---|---|---|
| 32 11 23 16-0002 | SF | 2" Crushed Aggregate Base Course For Sidewalks | 0.57 | |
| | | *For Up To 1,000, Add* | *0.16* | |
| | | *For >1,000 To 2,500, Add* | *0.06* | |
| 32 11 23 16-0003 | SF | 3" Crushed Aggregate Base Course For Sidewalks | 0.80 | |
| | | *For Up To 1,000, Add* | *0.22* | |
| | | *For >1,000 To 2,500, Add* | *0.08* | |
| 32 11 23 16-0004 | SF | 4" Crushed Aggregate Base Course For Sidewalks | 1.05 | |
| | | *For Up To 1,000, Add* | *0.30* | |
| | | *For >1,000 To 2,500, Add* | *0.11* | |
| 32 11 23 16-0005 | SF | 5" Crushed Aggregate Base Course For Sidewalks | 1.35 | |
| | | *For Up To 1,000, Add* | *0.38* | |
| | | *For >1,000 To 2,500, Add* | *0.14* | |
| 32 11 23 16-0006 | SF | 6" Crushed Aggregate Base Course For Sidewalks | 1.65 | |
| | | *For Up To 1,000, Add* | *0.46* | |
| | | *For >1,000 To 2,500, Add* | *0.17* | |
| 32 11 23 16-0007 | SF | 7" Crushed Aggregate Base Course For Sidewalks | 1.90 | |
| | | *For Up To 1,000, Add* | *0.53* | |
| | | *For >1,000 To 2,500, Add* | *0.19* | |
| 32 11 23 16-0008 | SF | 8" Crushed Aggregate Base Course For Sidewalks | 2.17 | |
| | | *For Up To 1,000, Add* | *0.61* | |
| | | *For >1,000 To 2,500, Add* | *0.22* | |

**32 11 26 Asphaltic Base Courses** *(32 11)*

**32 11 26 19 Bituminous-Stabilized Base Courses** *(32 11 26)*

32 11 26 19-0001 Bituminous-Stabilized Base Courses *(32 11 26 19)*

| | | | | |
|---|---|---|---|---|
| 32 11 26 19-0002 | CY | Bituminous Stabilized Base Course<br>Note: 3/4" ASTM C33. | 100.46 | |

### 32 12 Flexible Paving *(32 10)*

**32 12 13 Preparatory Coats** *(32 12)*

**32 12 13 13 Tack Coats** *(32 12 13)*

| | | | | |
|---|---|---|---|---|
| 32 12 13 13-0001 | SY | Tack Coat, 0.04 Gallon/SY | 0.55 | |
| | | *For Up To 150, Add* | *0.10* | |
| | | *For >150 To 300, Add* | *0.06* | |
| | | *For >300 To 500, Add* | *0.03* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.01* | |
| | | *For >5,000, Deduct* | *-0.03* | |
| 32 12 13 13-0002 | SY | Tack Coat, 0.05 Gallon/SY | 0.60 | |
| | | *For Up To 150, Add* | *0.12* | |
| | | *For >150 To 300, Add* | *0.06* | |
| | | *For >300 To 500, Add* | *0.03* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000, Deduct* | *-0.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 12 13 13-0003 | SY | Tack Coat, 0.07 Gallon/SY | 0.71 | |
| | | *For Up To 150, Add* | *0.14* | |
| | | *For >150 To 300, Add* | *0.07* | |
| | | *For >300 To 500, Add* | *0.04* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000, Deduct* | *-0.05* | |
| 32 12 13 13-0004 | SY | Tack Coat, 0.08 Gallon/SY | 0.77 | |
| | | *For Up To 150, Add* | *0.16* | |
| | | *For >150 To 300, Add* | *0.08* | |
| | | *For >300 To 500, Add* | *0.04* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000, Deduct* | *-0.05* | |
| 32 12 13 13-0005 | SY | Tack Coat, 0.10 Gallon/SY | 0.87 | |
| | | *For Up To 150, Add* | *0.18* | |
| | | *For >150 To 300, Add* | *0.09* | |
| | | *For >300 To 500, Add* | *0.04* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000, Deduct* | *-0.06* | |
| 32 12 13 13-0006 | SY | Tack Coat, 0.11 Gallon/SY | 0.93 | |
| | | *For Up To 150, Add* | *0.20* | |
| | | *For >150 To 300, Add* | *0.09* | |
| | | *For >300 To 500, Add* | *0.05* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.02* | |
| | | *For >5,000, Deduct* | *-0.06* | |

### 32 12 13 19 Prime Coats *(32 12 13)*

| | | | | |
|---|---|---|---|---|
| 32 12 13 19-0001 | SY | Surface Prime Coat, 0.26 Gallon/SY | 1.54 | |
| | | *For Up To 150, Add* | *0.35* | |
| | | *For >150 To 300, Add* | *0.15* | |
| | | *For >300 To 500, Add* | *0.08* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000, Deduct* | *-0.11* | |
| 32 12 13 19-0002 | SY | Surface Prime Coat, 0.28 Gallon/SY | 1.62 | |
| | | *For Up To 150, Add* | *0.37* | |
| | | *For >150 To 300, Add* | *0.16* | |
| | | *For >300 To 500, Add* | *0.08* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000, Deduct* | *-0.11* | |
| 32 12 13 19-0003 | SY | Surface Prime Coat, 0.30 Gallon/SY | 1.71 | |
| | | *For Up To 150, Add* | *0.39* | |
| | | *For >150 To 300, Add* | *0.17* | |
| | | *For >300 To 500, Add* | *0.09* | |
| | | *For >3,500 To 5,000, Deduct* | *-0.04* | |
| | | *For >5,000, Deduct* | *-0.12* | |

## 32 12 16 Asphalt Paving *(32 12)*

### 32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0037 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

#### 32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

| | | | | |
|---|---|---|---|---|
| 32 12 16 13-0002 | TON | Bituminous Hot Mix Intermediate Course 3,954 LB/CY | 135.46 | |
| | | Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section. | | |
| | | *For PG64-10 Asphalt, Add* | *16.17* | |
| | | *For Up To 25, Add* | *18.53* | |
| | | *For >25 To 50, Add* | *10.23* | |
| | | *For >500 To 1,000, Deduct* | *-5.76* | |
| | | *For >1,000 To 2,500, Deduct* | *-10.45* | |
| | | *For >2,500 To 5,000, Deduct* | *-16.21* | |
| | | *For >5,000, Deduct* | *-23.24* | |
| 32 12 16 13-0003 | SY | 1" Thick Bituminous Hot Mix Binder Course | 7.67 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *0.89* | |
| | | *For Up To 1,000, Add* | *1.08* | |
| | | *For >1,000 To 2,000, Add* | *0.60* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.33* | |
| | | *For >20,000 To 50,000, Deduct* | *-0.60* | |
| | | *For >50,000 To 100,000, Deduct* | *-0.93* | |
| | | *For >100,000, Deduct* | *-1.34* | |
| 32 12 16 13-0004 | SY | 1-1/2" Thick Bituminous Hot Mix Binder Course | 11.39 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *1.33* | |
| | | *For Up To 700, Add* | *1.59* | |
| | | *For >700 To 1,400, Add* | *0.88* | |
| | | *For >7,000 To 14,000, Deduct* | *-0.49* | |
| | | *For >14,000 To 32,000, Deduct* | *-0.90* | |
| | | *For >32,000 To 64,000, Deduct* | *-1.39* | |
| | | *For >64,000, Deduct* | *-2.00* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 12 16 13-0005 | SY | 2" Thick Bituminous Hot Mix Binder Course | 14.72 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *1.77* | |
| | | *For Up To 500, Add* | *1.99* | |
| | | *For >500 To 1,000, Add* | *1.10* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.65* | |
| | | *For >10,000 To 24,000, Deduct* | *-1.18* | |
| | | *For >24,000 To 48,000, Deduct* | *-1.83* | |
| | | *For >48,000, Deduct* | *-2.63* | |
| 32 12 16 13-0006 | SY | 2-1/2" Thick Bituminous Hot Mix Binder Course | 18.60 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *2.22* | |
| | | *For Up To 400, Add* | *2.55* | |
| | | *For >400 To 800, Add* | *1.41* | |
| | | *For >4,000 To 8,000, Deduct* | *-0.82* | |
| | | *For >8,000 To 20,000, Deduct* | *-1.48* | |
| | | *For >20,000 To 40,000, Deduct* | *-2.30* | |
| | | *For >40,000, Deduct* | *-3.30* | |
| 32 12 16 13-0007 | SY | 3" Thick Bituminous Hot Mix Binder Course | 22.31 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *2.66* | |
| | | *For Up To 340, Add* | *3.05* | |
| | | *For >340 To 680, Add* | *2.57* | |
| | | *For >3,400 To 6,800, Deduct* | *-0.98* | |
| | | *For >6,800 To 17,000, Deduct* | *-1.78* | |
| | | *For >17,000 To 34,000, Deduct* | *-2.76* | |
| | | *For >34,000, Deduct* | *-3.96* | |
| 32 12 16 13-0008 | SY | 3-1/2" Thick Bituminous Hot Mix Binder Course | 26.03 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *3.11* | |
| | | *For Up To 280, Add* | *3.56* | |
| | | *For >280 To 560, Add* | *1.97* | |
| | | *For >2,800 To 5,600, Deduct* | *-1.14* | |
| | | *For >5,600 To 14,000, Deduct* | *-2.08* | |
| | | *For >14,000 To 28,000, Deduct* | *-3.22* | |
| | | *For >28,000, Deduct* | *-4.62* | |
| 32 12 16 13-0009 | SY | 4" Thick Bituminous Hot Mix Binder Course | 29.75 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *3.55* | |
| | | *For Up To 250, Add* | *4.07* | |
| | | *For >250 To 500, Add* | *2.25* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.31* | |
| | | *For >5,000 To 12,000, Deduct* | *-2.37* | |
| | | *For >12,000 To 24,000, Deduct* | *-3.68* | |
| | | *For >24,000, Deduct* | *-5.28* | |
| 32 12 16 13-0010 | SY | 5" Thick Bituminous Hot Mix Binder Course | 37.19 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *4.44* | |
| | | *For Up To 200, Add* | *5.09* | |
| | | *For >200 To 400, Add* | *2.81* | |
| | | *For >2,000 To 4,000, Deduct* | *-1.63* | |
| | | *For >4,000 To 10,000, Deduct* | *-2.97* | |
| | | *For >10,000 To 20,000, Deduct* | *-4.60* | |
| | | *For >20,000, Deduct* | *-6.60* | |
| 32 12 16 13-0011 | SY | 6" Thick Bituminous Hot Mix Binder Course | 44.64 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *5.33* | |
| | | *For Up To 160, Add* | *6.11* | |
| | | *For >160 To 320, Add* | *3.37* | |
| | | *For >1,600 To 3,200, Deduct* | *-1.96* | |
| | | *For >3,200 To 8,000, Deduct* | *-3.56* | |
| | | *For >8,000 To 16,000, Deduct* | *-5.52* | |
| | | *For >16,000, Deduct* | *-7.92* | |

## 32 12 16 13-0012 Surface Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

| | | | | |
|---|---|---|---|---|
| 32 12 16 13-0013 | TON | Bituminous Hot Mix Surface Course 3954 LB/CY | 137.45 | |
| | | Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section. | | |
| | | *For PG64-10 Asphalt, Add* | *2.57* | |
| | | *For Up To 25, Add* | *19.97* | |
| | | *For >25 To 50, Add* | *11.20* | |
| | | *For >500 To 1,000, Deduct* | *-5.61* | |
| | | *For >1,000 To 2,500, Deduct* | *-10.19* | |
| | | *For >2,500 To 5,000, Deduct* | *-15.80* | |
| | | *For >5,000, Deduct* | *-22.67* | |
| 32 12 16 13-0014 | SY | 1" Thick Bituminous Hot Mix Surface Course | 7.48 | |
| | | Note: Includes placement, rolling, finishing and sweeping. | | |
| | | *For PG64-10 Asphalt, Add* | *0.13* | |
| | | *For Up To 1,000, Add* | *1.12* | |
| | | *For >1,000 To 2,000, Add* | *0.64* | |
| | | *For >10,000 To 20,000, Deduct* | *-0.31* | |
| | | *For >20,000 To 50,000, Deduct* | *-0.57* | |
| | | *For >50,000 To 100,000, Deduct* | *-0.88* | |
| | | *For >100,000, Deduct* | *-1.27* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 12 16 13-0015 | SY | 1-1/2" Thick Bituminous Hot Mix Surface Course<br>Note: Includes placement, rolling, finishing and sweeping. | 11.08 | |
| | | *For PG64-10 Asphalt, Add* | *0.20* | |
| | | *For Up To 700, Add* | *1.65* | |
| | | *For >700 To 1,400, Add* | *0.93* | |
| | | *For >7,000 To 14,000, Deduct* | *-0.46* | |
| | | *For >14,000 To 32,000, Deduct* | *-0.85* | |
| | | *For >32,000 To 64,000, Deduct* | *-1.31* | |
| | | *For >64,000, Deduct* | *-1.89* | |
| 32 12 16 13-0016 | SY | 2" Thick Bituminous Hot Mix Surface Course<br>Note: Includes placement, rolling, finishing and sweeping. | 14.23 | |
| | | *For PG64-10 Asphalt, Add* | *0.27* | |
| | | *For Up To 500, Add* | *2.04* | |
| | | *For >500 To 1,000, Add* | *1.14* | |
| | | *For >5,000 To 10,000, Deduct* | *-0.61* | |
| | | *For >10,000 To 24,000, Deduct* | *-1.11* | |
| | | *For >24,000 To 48,000, Deduct* | *-1.72* | |
| | | *For >48,000, Deduct* | *-2.47* | |
| 32 12 16 13-0017 | SY | 2-1/2" Thick Bituminous Hot Mix Surface Course<br>Note: Includes placement, rolling, finishing and sweeping. | 18.01 | |
| | | *For PG64-10 Asphalt, Add* | *0.34* | |
| | | *For Up To 400, Add* | *2.62* | |
| | | *For >400 To 800, Add* | *1.47* | |
| | | *For >4,000 To 8,000, Deduct* | *-0.76* | |
| | | *For >8,000 To 20,000, Deduct* | *-1.39* | |
| | | *For >20,000 To 40,000, Deduct* | *-2.16* | |
| | | *For >40,000, Deduct* | *-3.10* | |
| 32 12 16 13-0018 | SY | 3" Thick Bituminous Hot Mix Surface Course<br>Note: Includes placement, rolling, finishing and sweeping. | 21.61 | |
| | | *For PG64-10 Asphalt, Add* | *0.40* | |
| | | *For Up To 340, Add* | *3.14* | |
| | | *For >340 To 680, Add* | *2.57* | |
| | | *For >3,400 To 6,800, Deduct* | *-0.92* | |
| | | *For >6,800 To 17,000, Deduct* | *-1.67* | |
| | | *For >17,000 To 34,000, Deduct* | *-2.59* | |
| | | *For >34,000, Deduct* | *-3.72* | |

### 32 12 16 13-0019 Hand Placed, Hot Mix Asphalt (HMA) *(32 12 16 13)*

| | | | | |
|---|---|---|---|---|
| 32 12 16 13-0020 | TON | Hand Placed Hot Mixed Asphalt 3,954 LB/CY<br>Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping. | 332.87 | |

## 32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

### 32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement *(32 12 16 19)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

| | | | | |
|---|---|---|---|---|
| 32 12 16 19-0002 | SY | Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course | 12.08 | |
| 32 12 16 19-0003 | SY | Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course | 11.76 | |
| 32 12 16 19-0004 | SY | Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course | 19.02 | |

## 32 12 16 39 Paving Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

### 32 12 16 39-0001 Geotextile Paving Fabrics *(32 12 16 39)*

| | | | | |
|---|---|---|---|---|
| 32 12 16 39-0002 | SY | 3.6 Ounce/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O) | 1.84 | |
| | | *For Up To 50, Add* | *0.40* | |
| | | *For >50 To 150, Add* | *0.30* | |
| | | *For >150 To 250, Add* | *0.20* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 32 12 16 39-0003 | SY | 4.1 Ounce/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O) | 1.99 | |
| | | *For Up To 50, Add* | *0.43* | |
| | | *For >50 To 150, Add* | *0.32* | |
| | | *For >150 To 250, Add* | *0.21* | |
| | | *For >250 To 500, Add* | *0.11* | |

## 32 12 16 43 Waterproofing Membranes *(32 12 16)*

### 32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

| | | | | |
|---|---|---|---|---|
| 32 12 16 43-0002 | SY | Up To 500 SY, Preformed Rubberized Asphalt Membrane | 33.53 | |
| 32 12 16 43-0003 | SY | >500 To 1,000 SY, Preformed Rubberized Asphalt Membrane | 25.04 | |
| 32 12 16 43-0004 | SY | >1,000 SY, Preformed Rubberized Asphalt Membrane | 15.42 | |

## 32 12 33 Flexible Paving Surface Treatments *(32 12)*

### 32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.

| | | | | |
|---|---|---|---|---|
| 32 12 33 00-0002 | SY | Single Course Bituminous Treatment, Prepare And Clean Surface Roadway | 2.98 | |
| 32 12 33 00-0003 | SY | Double Course Bituminous Treatment, Prepare And Clean Surface Roadway | 5.38 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 12 33 00-0004 | | **Bituminous Surface Treatment For Trails** *(32 12 33)*<br>Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY. | | |
| 32 12 33 00-0005 | SY | Bituminous Surface Treatment, For Trails | 2.00 | |

## 32 12 36 Seal Coats *(32 12)*

See CSI section 32 01 13 62-0000 for slurry seal.

### 32 12 36 13 Asphaltic Seal and Fog Coats *(32 12 36)*

| | | | | |
|---|---|---|---|---|
| 32 12 36 13-0001 | | **Asphalt Emulsion Seal Coat (Chip Seal)** *(32 12 36 13)*<br>Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. | | |
| 32 12 36 13-0002 | | **Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)** *(32 12 36 13-0001)*<br>Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY. | | |
| 32 12 36 13-0003 | SY | Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.11 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.45* | |
| 32 12 36 13-0004 | SY | >200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.68 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.45* | |
| 32 12 36 13-0005 | SY | >500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.49 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.45* | |
| 32 12 36 13-0006 | SY | >1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.26 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.45* | |
| 32 12 36 13-0007 | SY | >5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.14 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.45* | |
| 32 12 36 13-0008 | SY | >10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.05 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.45* | |
| 32 12 36 13-0009 | SY | >20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 2.93 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.45* | |
| 32 12 36 13-0010 | SY | >50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 2.87 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.45* | |
| 32 12 36 13-0011 | | **Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)** *(32 12 36 13-0001)*<br>Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY. | | |
| 32 12 36 13-0012 | SY | Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.80 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.56* | |
| 32 12 36 13-0013 | SY | >200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.32 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.56* | |
| 32 12 36 13-0014 | SY | >500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.08 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.56* | |
| 32 12 36 13-0015 | SY | >1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.96 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.56* | |
| 32 12 36 13-0016 | SY | >5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.66 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.56* | |
| 32 12 36 13-0017 | SY | >10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.49 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.56* | |
| 32 12 36 13-0018 | SY | >20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.34 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.56* | |
| 32 12 36 13-0019 | SY | >50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.27 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.56* | |
| 32 12 36 13-0020 | | **Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)** *(32 12 36 13-0001)*<br>Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY. | | |
| 32 12 36 13-0021 | SY | Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 5.46 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.67* | |
| 32 12 36 13-0022 | SY | >200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.90 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.67* | |
| 32 12 36 13-0023 | SY | >500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.62 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.67* | |
| 32 12 36 13-0024 | SY | >1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.30 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.67* | |
| 32 12 36 13-0025 | SY | >5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.12 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.67* | |
| 32 12 36 13-0026 | SY | >10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.87 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.67* | |
| 32 12 36 13-0027 | SY | >20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.71 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.67* | |
| 32 12 36 13-0028 | SY | >50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.62 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.67* | |
| 32 12 36 13-0029 | | **Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)** *(32 12 36 13-0001)*<br>Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY. | | |
| 32 12 36 13-0030 | SY | Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 5.54 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.77* | |
| 32 12 36 13-0031 | SY | >200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.98 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.77* | |
| 32 12 36 13-0032 | SY | >500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.69 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 12 36 13-0033 | SY | >1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.37 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.77* | |
| 32 12 36 13-0034 | SY | >5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.19 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.77* | |
| 32 12 36 13-0035 | SY | >10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 4.03 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.77* | |
| 32 12 36 13-0036 | SY | >20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.79 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.77* | |
| 32 12 36 13-0037 | SY | >50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 3.71 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *0.77* | |

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

| | | | | |
|---|---|---|---|---|
| 32 12 36 13-0039 | SY | Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 8.24 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *1.11* | |
| 32 12 36 13-0040 | SY | >200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 7.51 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *1.11* | |
| 32 12 36 13-0041 | SY | >500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 7.09 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *1.11* | |
| 32 12 36 13-0042 | SY | >1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 6.60 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *1.11* | |
| 32 12 36 13-0043 | SY | >5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 6.35 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *1.11* | |
| 32 12 36 13-0044 | SY | >10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 6.03 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *1.11* | |
| 32 12 36 13-0045 | SY | >20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 5.77 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *1.11* | |
| 32 12 36 13-0046 | SY | >50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) | 5.66 | |
| | | *For Each Additional 0.5% Latex Additive, Add* | *1.11* | |

32 12 36 13-0047 Fog Seal, CQS-1h *(32 12 36 13)*

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

| | | | |
|---|---|---|---|
| 32 12 36 13-0048 | SY | Up To 200 SY, CQS-1h, Fog Seal | 1.66 |
| 32 12 36 13-0049 | SY | >200 To 500 SY, CQS-1h, Fog Seal | 1.20 |
| 32 12 36 13-0050 | SY | >500 To 1,000 SY, CQS-1h, Fog Seal | 1.01 |
| 32 12 36 13-0051 | SY | >1,000 To 5,000 SY, CQS-1h, Fog Seal | 0.86 |
| 32 12 36 13-0052 | SY | >5,000 To 10,000 SY, CQS-1h, Fog Seal | 0.79 |
| 32 12 36 13-0053 | SY | >10,000 To 20,000 SY, CQS-1h, Fog Seal | 0.72 |
| 32 12 36 13-0054 | SY | >20,000 To 50,000 SY, CQS-1h, Fog Seal | 0.67 |
| 32 12 36 13-0055 | SY | >50,000 SY, CQS-1h, Fog Seal | 0.64 |

32 12 36 13-0056 Sand Sealer *(32 12 36 13)*

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

| | | | |
|---|---|---|---|
| 32 12 36 13-0057 | SY | Up To 200 SY, Sand Seal | 2.56 |
| 32 12 36 13-0058 | SY | >200 To 500 SY, Sand Seal | 1.66 |
| 32 12 36 13-0059 | SY | >500 To 1,000 SY, Sand Seal | 1.66 |
| 32 12 36 13-0060 | SY | >1,000 To 5,000 SY, Sand Seal | 1.45 |
| 32 12 36 13-0061 | SY | >5,000 To 10,000 SY, Sand Seal | 1.34 |
| 32 12 36 13-0062 | SY | >10,000 To 20,000 SY, Sand Seal | 1.25 |
| 32 12 36 13-0063 | SY | >20,000 To 50,000 SY, Sand Seal | 1.18 |
| 32 12 36 13-0064 | SY | >50,000 SY, Sand Seal | 1.15 |

## 32 12 36 16 Coal Tar Seal Coats *(32 12 36)*

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal *(32 12 36 16)*

Note: Includes sweeping and cleaning of area.

| | | | |
|---|---|---|---|
| 32 12 36 16-0002 | SY | Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal | 13.03 |
| 32 12 36 16-0003 | SY | >500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal | 12.23 |
| 32 12 36 16-0004 | SY | >1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal | 10.77 |
| 32 12 36 16-0005 | SY | >5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal | 9.66 |
| 32 12 36 16-0006 | SY | >20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal | 8.19 |
| 32 12 36 16-0007 | SY | >50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal | 6.73 |
| 32 12 36 16-0008 | SY | Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal | 15.78 |
| 32 12 36 16-0009 | SY | >500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal | 14.89 |
| 32 12 36 16-0010 | SY | >1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal | 13.15 |
| 32 12 36 16-0011 | SY | >5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal | 11.84 |
| 32 12 36 16-0012 | SY | >20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal | 10.09 |
| 32 12 36 16-0013 | SY | >50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal | 8.35 |

## 32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 12 43 00-0002 | SY | 1" Thick, Recycled Plastic Flexible Pavement With Sand Fill<br>Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2. | 31.57 | |
| | | *For Up To 100, Add* | *10.37* | |
| | | *For >100 To 500, Add* | *2.57* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.99* | |
| | | *For >5,000, Deduct* | *-2.14* | |

### 32 12 73 Asphalt Paving Joint Sealants *(32 12)*

32 12 73 00-0001 Expansion Joint In Sidewalk *(32 12 73)*

| | | | | |
|---|---|---|---|---|
| 32 12 73 00-0002 | LF | For Hot Asphalt Poured Over Expansion Joint In Sidewalk | 2.99 | |

## 32 13 Rigid Paving *(32 10)*

### 32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

#### 32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001 Concrete Paving Assemblies *(32 13 13 33)*

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*

| | | | | |
|---|---|---|---|---|
| 32 13 13 33-0003 | SY | 4" 4,500 PSI Concrete Paving Assembly | 52.61 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-3.22* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-2.10* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-1.68* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-0.73* | |
| | | *For 5,000 PSI Concrete, Add* | *0.45* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *3.65* | |
| | | *For <12' Wide Pass, Add* | *8.95* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-10.52* | |
| | | *For Air Entrainment, Add* | *1.40* | |
| | | *For Slipforming, Deduct* | *-5.26* | |
| | | *For Up To 100, Add* | *20.35* | |
| | | *For >100 To 250, Add* | *11.58* | |
| | | *For >250 To 500, Add* | *5.79* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.40* | |
| | | *For >2,000 To 5,000, Deduct* | *-2.72* | |
| | | *For >5,000 To 10,000, Deduct* | *-4.03* | |
| | | *For >10,000 To 20,000, Deduct* | *-5.35* | |
| | | *For >20,000, Deduct* | *-6.66* | |
| 32 13 13 33-0004 | SY | 5" 4,500 PSI Concrete Paving Assembly | 62.50 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.05* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-2.64* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-2.11* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-0.92* | |
| | | *For 5,000 PSI Concrete, Add* | *0.56* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *4.58* | |
| | | *For <12' Wide Pass, Add* | *10.35* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-12.50* | |
| | | *For Air Entrainment, Add* | *1.76* | |
| | | *For Slipforming, Deduct* | *-6.25* | |
| | | *For Up To 100, Add* | *23.42* | |
| | | *For >100 To 250, Add* | *13.47* | |
| | | *For >250 To 500, Add* | *6.74* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.76* | |
| | | *For >2,000 To 5,000, Deduct* | *-3.32* | |
| | | *For >5,000 To 10,000, Deduct* | *-4.89* | |
| | | *For >10,000 To 20,000, Deduct* | *-6.45* | |
| | | *For >20,000, Deduct* | *-8.01* | |
| 32 13 13 33-0005 | SY | 6" 4,500 PSI Concrete Paving Assembly | 66.70 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-4.27* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-2.78* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-2.23* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-0.97* | |
| | | *For 5,000 PSI Concrete, Add* | *0.59* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *4.83* | |
| | | *For <12' Wide Pass, Add* | *11.11* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-13.34* | |
| | | *For Air Entrainment, Add* | *1.86* | |
| | | *For Slipforming, Deduct* | *-6.67* | |
| | | *For Up To 100, Add* | *25.17* | |
| | | *For >100 To 250, Add* | *14.44* | |
| | | *For >250 To 500, Add* | *7.22* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.86* | |
| | | *For >2,000 To 5,000, Deduct* | *-3.52* | |
| | | *For >5,000 To 10,000, Deduct* | *-5.19* | |
| | | *For >10,000 To 20,000, Deduct* | *-6.86* | |
| | | *For >20,000, Deduct* | *-8.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 13 13 33-0006 | SY | 7" 4,500 PSI Concrete Paving Assembly | 79.58 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-5.38* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-3.51* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-2.81* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-1.22* | |
| | | *For 5,000 PSI Concrete, Add* | *0.75* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *6.09* | |
| | | *For <12' Wide Pass, Add* | *12.87* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-15.92* | |
| | | *For Air Entrainment, Add* | *2.34* | |
| | | *For Slipforming, Deduct* | *-7.96* | |
| | | *For Up To 100, Add* | *29.02* | |
| | | *For >100 To 250, Add* | *16.85* | |
| | | *For >250 To 500, Add* | *8.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.34* | |
| | | *For >2,000 To 5,000, Deduct* | *-4.33* | |
| | | *For >5,000 To 10,000, Deduct* | *-6.32* | |
| | | *For >10,000 To 20,000, Deduct* | *-8.31* | |
| | | *For >20,000, Deduct* | *-10.30* | |
| 32 13 13 33-0007 | SY | 8" 4,500 PSI Concrete Paving Assembly | 90.70 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-5.91* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-3.85* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-3.08* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-1.34* | |
| | | *For 5,000 PSI Concrete, Add* | *0.82* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *6.68* | |
| | | *For <12' Wide Pass, Add* | *14.97* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-18.14* | |
| | | *For Air Entrainment, Add* | *2.57* | |
| | | *For Slipforming, Deduct* | *-9.07* | |
| | | *For Up To 100, Add* | *33.87* | |
| | | *For >100 To 250, Add* | *19.50* | |
| | | *For >250 To 500, Add* | *9.75* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.57* | |
| | | *For >2,000 To 5,000, Deduct* | *-4.84* | |
| | | *For >5,000 To 10,000, Deduct* | *-7.10* | |
| | | *For >10,000 To 20,000, Deduct* | *-9.37* | |
| | | *For >20,000, Deduct* | *-11.64* | |
| 32 13 13 33-0008 | SY | 9" 4,500 PSI Concrete Paving Assembly | 102.79 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-6.83* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-4.45* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-3.56* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-1.54* | |
| | | *For 5,000 PSI Concrete, Add* | *0.95* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *7.72* | |
| | | *For <12' Wide Pass, Add* | *16.79* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-20.56* | |
| | | *For Air Entrainment, Add* | *2.97* | |
| | | *For Slipforming, Deduct* | *-10.28* | |
| | | *For Up To 100, Add* | *37.92* | |
| | | *For >100 To 250, Add* | *21.93* | |
| | | *For >250 To 500, Add* | *10.97* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.97* | |
| | | *For >2,000 To 5,000, Deduct* | *-5.54* | |
| | | *For >5,000 To 10,000, Deduct* | *-8.11* | |
| | | *For >10,000 To 20,000, Deduct* | *-10.68* | |
| | | *For >20,000, Deduct* | *-13.25* | |
| 32 13 13 33-0009 | SY | 10" 4,500 PSI Concrete Paving Assembly | 114.46 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-7.51* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-4.90* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-3.92* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-1.70* | |
| | | *For 5,000 PSI Concrete, Add* | *1.05* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *8.49* | |
| | | *For <12' Wide Pass, Add* | *18.82* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-22.89* | |
| | | *For Air Entrainment, Add* | *3.27* | |
| | | *For Slipforming, Deduct* | *-11.45* | |
| | | *For Up To 100, Add* | *42.55* | |
| | | *For >100 To 250, Add* | *24.54* | |
| | | *For >250 To 500, Add* | *12.27* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.27* | |
| | | *For >2,000 To 5,000, Deduct* | *-6.13* | |
| | | *For >5,000 To 10,000, Deduct* | *-8.99* | |
| | | *For >10,000 To 20,000, Deduct* | *-11.85* | |
| | | *For >20,000, Deduct* | *-14.71* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 13 13 33-0010 | SY | 12" 4,500 PSI Concrete Paving Assembly | 136.31 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-8.89* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-5.80* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-4.64* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-2.01* | |
| | | *For 5,000 PSI Concrete, Add* | *1.24* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *10.05* | |
| | | *For <12' Wide Pass, Add* | *22.48* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-27.26* | |
| | | *For Air Entrainment, Add* | *3.87* | |
| | | *For Slipforming, Deduct* | *-13.63* | |
| | | *For Up To 100, Add* | *50.85* | |
| | | *For >100 To 250, Add* | *29.29* | |
| | | *For >250 To 500, Add* | *14.65* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.87* | |
| | | *For >2,000 To 5,000, Deduct* | *-7.27* | |
| | | *For >5,000 To 10,000, Deduct* | *-10.68* | |
| | | *For >10,000 To 20,000, Deduct* | *-14.09* | |
| | | *For >20,000, Deduct* | *-17.50* | |
| 32 13 13 33-0011 | SY | 15" 4,500 PSI Concrete Paving Assembly | 173.25 | |
| | | *For 2,500 PSI Concrete, Deduct* | *-10.92* | |
| | | *For 3,000 PSI Concrete, Deduct* | *-7.12* | |
| | | *For 3,500 PSI Concrete, Deduct* | *-5.70* | |
| | | *For 4,000 PSI Concrete, Deduct* | *-2.47* | |
| | | *For 5,000 PSI Concrete, Add* | *1.52* | |
| | | *For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add* | *12.35* | |
| | | *For <12' Wide Pass, Add* | *29.07* | |
| | | *For 24' Or Greater Wide Pass, Deduct* | *-34.65* | |
| | | *For Air Entrainment, Add* | *4.75* | |
| | | *For Slipforming, Deduct* | *-17.33* | |
| | | *For Up To 100, Add* | *65.96* | |
| | | *For >100 To 250, Add* | *37.73* | |
| | | *For >250 To 500, Add* | *18.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-4.75* | |
| | | *For >2,000 To 5,000, Deduct* | *-9.08* | |
| | | *For >5,000 To 10,000, Deduct* | *-13.41* | |
| | | *For >10,000 To 20,000, Deduct* | *-17.74* | |
| | | *For >20,000, Deduct* | *-22.07* | |

## 32 13 16 Decorative Concrete Paving *(32 13)*

### 32 13 16 13 Patterned Concrete Paving *(32 13 16)*

| | | | | |
|---|---|---|---|---|
| 32 13 16 13-0001 | SF | For Patterned (Tactile) Finish In Concrete Sidewalk | 3.99 | |

## 32 13 43 Pervious Concrete Paving *(32 13)*

32 13 43 00-0001 Pervious Concrete Assembly *(32 13 43)*

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

| | | | | |
|---|---|---|---|---|
| 32 13 43 00-0002 | SF | 6" Thick Pervious Concrete Paving<br>Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing. | 14.92 | |
| | | *For >5,000 To 30,000, Deduct* | *-1.57* | |
| | | *For >30,000 To 100,000, Deduct* | *-2.85* | |
| | | *For >100,000, Deduct* | *-3.54* | |
| 32 13 43 00-0003 | SF | 9" Thick Pervious Concrete Paving<br>Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing. | 19.07 | |
| | | *For >5,000 To 30,000, Deduct* | *-1.95* | |
| | | *For >30,000 To 100,000, Deduct* | *-3.47* | |
| | | *For >100,000, Deduct* | *-4.32* | |

## 32 13 73 Concrete Paving Joint Sealants *(32 13)*

### 32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 13-0001 Concrete Pavement Joint And Crack Repair *(32 13 73 13)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

| | | | | |
|---|---|---|---|---|
| 32 13 73 13-0002 | LF | Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads | 6.77 | |

### 32 13 73 16 Field-Molded Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair *(32 13 73 16)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

| | | | | |
|---|---|---|---|---|
| 32 13 73 16-0002 | LF | Joint Sealing, Concrete Pavement Preformed Elastomeric | 11.59 | |

### 32 13 73 19 Compression Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement *(32 13 73 19)*

Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.

| | | | | |
|---|---|---|---|---|
| 32 13 73 19-0002 | LF | 1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement | 8.74 | 2.05 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 13 73 19-0003 | LF | 3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement | 9.17 | 2.09 |
| 32 13 73 19-0004 | LF | 1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement | 9.63 | 2.13 |
| 32 13 73 19-0005 | LF | 3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement | 11.20 | 2.17 |
| 32 13 73 19-0006 | LF | 1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement | 13.15 | 2.22 |
| 32 13 73 19-0007 | LF | 1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement | 15.79 | 2.26 |
| 32 13 73 19-0008 | LF | 2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement | 19.75 | 2.31 |

## 32 14 Unit Paving *(32 10)*

### 32 14 09 Paver Restraints *(32 14)*

#### 32 14 09 00-0001 Paver Restraints *(32 14 09)*

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

| | | | | |
|---|---|---|---|---|
| 32 14 09 00-0002 | LF | Up To 2" Height, Vinyl Paver Restraint | 4.26 | 0.88 |
| | | *For >1,000 To 2,000, Deduct* | *-0.63* | |
| | | *For >2,000 To 4,000, Deduct* | *-0.92* | |
| | | *For >4,000, Deduct* | *-1.18* | |
| 32 14 09 00-0003 | LF | Up To 2" Height, Galvanized Steel Paver Restraint | 4.65 | 0.88 |
| | | *For >500 To 1,000, Deduct* | *-0.16* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.33* | |
| | | *For >2,000, Deduct* | *-0.49* | |
| 32 14 09 00-0004 | LF | Up To 1" Height, Aluminum Paver Restraint | 4.46 | 0.88 |
| | | *For >250 To 500, Deduct* | *-0.31* | |
| | | *For >500 To 1,000, Deduct* | *-0.46* | |
| | | *For >1,000 To 1,500, Deduct* | *-0.77* | |
| 32 14 09 00-0005 | LF | >1" To 2" Height, Aluminum Paver Restraint | 5.31 | 0.88 |
| | | *For >250 To 500, Deduct* | *-0.39* | |
| | | *For >500 To 1,000, Deduct* | *-0.59* | |
| | | *For >1,000 To 1,500, Deduct* | *-0.98* | |
| 32 14 09 00-0006 | LF | >2" To 3" Height, Aluminum Paver Restraint | 6.97 | 0.88 |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500 To 1,000, Deduct* | *-0.84* | |
| | | *For >1,000 To 1,500, Deduct* | *-1.40* | |
| 32 14 09 00-0007 | LF | >3" To 4" Height, Aluminum Paver Restraint | 8.23 | 0.88 |
| | | *For >250 To 500, Deduct* | *-0.68* | |
| | | *For >500 To 1,000, Deduct* | *-1.03* | |
| | | *For >1,000 To 1,500, Deduct* | *-1.71* | |

### 32 14 11 Bedding for Unit Paving *(32 14)*

#### 32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

| | | | | |
|---|---|---|---|---|
| 32 14 11 00-0002 | SF | 1" To 2" Sand Bedding, Screeded | 0.89 | |
| | | *For Up To 100, Add* | *0.38* | |
| | | *For >100 To 500, Add* | *0.11* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000, Deduct* | *-0.10* | |
| 32 14 11 00-0003 | SF | 1" To 2" Stone Dust Bedding, Screeded | 1.11 | |
| | | *For Up To 100, Add* | *0.44* | |
| | | *For >100 To 500, Add* | *0.12* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000, Deduct* | *-0.11* | |
| 32 14 11 00-0004 | SF | 3" Stone Dust Bedding, Screeded | 1.46 | |
| | | *For Up To 100, Add* | *0.55* | |
| | | *For >100 To 500, Add* | *0.15* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.07* | |
| | | *For >5,000, Deduct* | *-0.13* | |
| 32 14 11 00-0005 | SF | 4" Stone Dust Bedding, Screeded | 1.87 | |
| | | *For Up To 100, Add* | *0.70* | |
| | | *For >100 To 500, Add* | *0.18* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.09* | |
| | | *For >5,000, Deduct* | *-0.17* | |
| 32 14 11 00-0006 | SF | 1" Mortar Bedding | 2.65 | |
| | | *For Up To 100, Add* | *1.18* | |
| | | *For >100 To 500, Add* | *0.34* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.21* | |
| | | *For >5,000, Deduct* | *-0.33* | |
| 32 14 11 00-0007 | SF | 2" Mortar Bedding | 3.92 | |
| | | *For Up To 100, Add* | *1.67* | |
| | | *For >100 To 500, Add* | *0.47* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.28* | |
| | | *For >5,000, Deduct* | *-0.45* | |
| 32 14 11 00-0008 | SF | Thin-Set Latex Portland Cement Mortar | 1.44 | |
| | | *For Up To 100, Add* | *0.64* | |
| | | *For >100 To 500, Add* | *0.18* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.11* | |
| | | *For >5,000, Deduct* | *-0.18* | |

### 32 14 13 Precast Concrete Unit Paving *(32 14)*

#### 32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 14 13 16-0001 | | Precast Concrete Paver Sidewalk *(32 14 13 16)*<br>Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course. | | |
| 32 14 13 16-0002 | SF | 2-3/8" Thick, Up To 32 Sl Precast Concrete Paver<br>Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers. | 9.92 | 2.57 |
| | | *For 2-3/4" Concrete Paver, Add* | *0.97* | |
| | | *For 3-1/8" Concrete Paver, Add* | *1.58* | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.75* | |
| | | *For Up To 100, Add* | *3.77* | |
| | | *For >100 To 500, Add* | *1.01* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.52* | |
| | | *For >5,000, Deduct* | *-0.92* | |
| 32 14 13 16-0003 | SF | 2-3/8" Thick, >32 to 64 Sl Precast Concrete Paver<br>Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers. | 9.45 | 2.34 |
| | | *For 2-3/4" Concrete Paver, Add* | *0.95* | |
| | | *For 3-1/8" Concrete Paver, Add* | *1.54* | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.71* | |
| | | *For Up To 100, Add* | *3.54* | |
| | | *For >100 To 500, Add* | *0.94* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.47* | |
| | | *For >5,000, Deduct* | *-0.85* | |
| 32 14 13 16-0004 | SF | 2-3/8" Thick, >64 to 144 Sl Precast Concrete Paver<br>Note: Includes 6" x 12", 12" x 12" and other similar size pavers. | 9.02 | 1.86 |
| | | *For 2-3/4" Concrete Paver, Add* | *0.93* | |
| | | *For 3-1/8" Concrete Paver, Add* | *1.51* | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.66* | |
| | | *For Up To 100, Add* | *3.32* | |
| | | *For >100 To 500, Add* | *0.88* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.43* | |
| | | *For >5,000, Deduct* | *-0.78* | |
| 32 14 13 16-0005 | SF | 2-3/8" Thick, >144 Sl Precast Concrete Paver<br>Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers. | 8.63 | 1.93 |
| | | *For 2-3/4" Concrete Paver, Add* | *0.91* | |
| | | *For 3-1/8" Concrete Paver, Add* | *1.48* | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.63* | |
| | | *For Up To 100, Add* | *3.13* | |
| | | *For >100 To 500, Add* | *0.82* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.39* | |
| | | *For >5,000, Deduct* | *-0.72* | |
| 32 14 13 16-0006 | SF | 2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns<br>Note: Patterns made by combining pavers from two or more size groups. | 9.23 | 2.23 |
| | | *For 2-3/4" Concrete Paver, Add* | *0.94* | |
| | | *For 3-1/8" Concrete Paver, Add* | *1.53* | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.69* | |
| | | *For Up To 100, Add* | *3.43* | |
| | | *For >100 To 500, Add* | *0.91* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.45* | |
| | | *For >5,000, Deduct* | *-0.81* | |
| **32 14 13 19** | | **Porous Precast Concrete Unit Paving** *(32 14 13)* | | |
| 32 14 13 19-0001 | | Turf Block *(32 14 13 19)*<br>Note: Grass grid, open-cell unit paver, geoblock. | | |
| 32 14 13 19-0002 | SF | 3-1/8" Thick, Precast Concrete Turf Block | 10.28 | 2.23 |
| | | *For Up To 100, Add* | *3.69* | |
| | | *For >100 To 500, Add* | *0.96* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.45* | |
| | | *For >5,000, Deduct* | *-0.84* | |
| **32 14 16** | | **Brick Unit Paving** *(32 14)* | | |
| 32 14 16 00-0001 | | Brick Paver Sidewalk *(32 14 16)*<br>Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course. | | |
| 32 14 16 00-0002 | SF | 4" x 8" x 2-1/4" Brick Paver, Laid Flat | 12.80 | 2.57 |
| | | *For 1-3/8" Thick Paver, Deduct* | *-2.93* | |
| | | *For 2-3/4" Thick Paver (Vehicular), Add* | *6.78* | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.90* | |
| | | *For Up To 100, Add* | *4.49* | |
| | | *For >100 To 500, Add* | *1.16* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.52* | |
| | | *For >5,000, Deduct* | *-1.00* | |
| 32 14 16 00-0003 | SF | 4" x 8" x 2-1/4" Brick, Laid On Edge | 19.43 | 2.94 |
| | | *For 1-3/8" Thick Paver, Deduct* | *-5.04* | |
| | | *For 2-3/4" Thick Paver (Vehicular), Add* | *11.87* | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *1.26* | |
| | | *For Up To 100, Add* | *6.32* | |
| | | *For >100 To 500, Add* | *1.56* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.59* | |
| | | *For >5,000, Deduct* | *-1.29* | |
| **32 14 33** | | **Plastic Paving** *(32 14)* | | |
| **32 14 33 13** | | **Permeable Plastic Paving** *(32 14 33)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 14 33 13-0001 | | **Turf Block Plastic Paving** *(32 14 33 13)* | | |
| 32 14 33 13-0002 | SF | 4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block | 15.99 | 2.23 |
| | | *For Up To 100, Add* | *5.12* | |
| | | *For >100 To 500, Add* | *1.25* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.45* | |
| | | *For >5,000, Deduct* | *-1.02* | |
| **32 14 40** | | **Stone Paving** *(32 14)* | | |
| 32 14 40 00-0001 | | **Slate Paver Sidewalk** *(32 14 40)* | | |
| | | Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding. | | |
| 32 14 40 00-0002 | SF | 1" Thick, Up to 54 SI Slate Paver | 14.58 | 2.13 |
| | | Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers. | | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.94* | |
| | | *For 1/4" Thick Paver, Deduct* | *-7.67* | |
| | | *For 1/2" Thick Paver, Deduct* | *-5.39* | |
| | | *For Up To 100, Add* | *4.71* | |
| | | *For >100 To 500, Add* | *1.16* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.43* | |
| | | *For >5,000, Deduct* | *-0.95* | |
| 32 14 40 00-0003 | SF | 1" Thick, >54 to 108 SI Slate Paver | 14.19 | 1.93 |
| | | Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers. | | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.90* | |
| | | *For 1/4" Thick Paver, Deduct* | *-7.57* | |
| | | *For 1/2" Thick Paver, Deduct* | *-5.33* | |
| | | *For Up To 100, Add* | *4.52* | |
| | | *For >100 To 500, Add* | *1.10* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.39* | |
| | | *For >5,000, Deduct* | *-0.89* | |
| 32 14 40 00-0004 | SF | 1" Thick, >108 to 216 SI Slate Paver | 13.52 | 1.60 |
| | | Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers. | | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.84* | |
| | | *For 1/4" Thick Paver, Deduct* | *-7.40* | |
| | | *For 1/2" Thick Paver, Deduct* | *-5.23* | |
| | | *For Up To 100, Add* | *4.18* | |
| | | *For >100 To 500, Add* | *1.00* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.32* | |
| | | *For >5,000, Deduct* | *-0.79* | |
| 32 14 40 00-0005 | SF | 1" Thick, >216 SI Slate Paver | 13.23 | 1.45 |
| | | Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers. | | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.81* | |
| | | *For 1/4" Thick Paver, Deduct* | *-7.33* | |
| | | *For 1/2" Thick Paver, Deduct* | *-5.18* | |
| | | *For Up To 100, Add* | *4.04* | |
| | | *For >100 To 500, Add* | *0.95* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.29* | |
| | | *For >5,000, Deduct* | *-0.75* | |
| 32 14 40 00-0006 | SF | 1" Thick, Slate Paver, Combinations And Patterns | 13.82 | 1.75 |
| | | Note: Patterns made by combining pavers from two or more size groups. | | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *0.87* | |
| | | *For 1/4" Thick Paver, Deduct* | *-7.48* | |
| | | *For 1/2" Thick Paver, Deduct* | *-5.27* | |
| | | *For Up To 100, Add* | *4.33* | |
| | | *For >100 To 500, Add* | *1.04* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.35* | |
| | | *For >5,000, Deduct* | *-0.83* | |
| 32 14 40 00-0007 | | **Granite Paver Sidewalk** *(32 14 40)* | | |
| | | Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding. | | |
| 32 14 40 00-0008 | SF | 1" Thick, Up to 54 SI Granite Paver | 21.02 | 2.13 |
| | | Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers. | | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *1.26* | |
| | | *For 2" Granite Paver, Add* | *1.05* | |
| | | *For 3" Granite Paver, Add* | *2.10* | |
| | | *For 4" Granite Paver, Add* | *2.32* | |
| | | *For Up To 100, Add* | *6.32* | |
| | | *For >100 To 500, Add* | *1.48* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.43* | |
| | | *For >5,000, Deduct* | *-1.14* | |
| 32 14 40 00-0009 | SF | 1" Thick, >54 to 108 SI Granite Paver | 20.63 | 1.93 |
| | | Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers. | | |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *1.23* | |
| | | *For 2" Granite Paver, Add* | *1.03* | |
| | | *For 3" Granite Paver, Add* | *2.06* | |
| | | *For 4" Granite Paver, Add* | *2.26* | |
| | | *For Up To 100, Add* | *6.13* | |
| | | *For >100 To 500, Add* | *1.42* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.39* | |
| | | *For >5,000, Deduct* | *-1.08* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 14 40 00-0010 | SF | 1" Thick, >108 to 216 SI Granite Paver<br>Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers. | 19.96 | 1.60 |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *1.16* | |
| | | *For 2" Granite Paver, Add* | *1.00* | |
| | | *For 3" Granite Paver, Add* | *2.00* | |
| | | *For 4" Granite Paver, Add* | *2.16* | |
| | | *For Up To 100, Add* | *5.79* | |
| | | *For >100 To 500, Add* | *1.32* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.32* | |
| | | *For >5,000, Deduct* | *-0.98* | |
| 32 14 40 00-0011 | SF | 1" Thick, >216 SI Granite Paver<br>Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers. | 19.67 | 1.45 |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *1.13* | |
| | | *For 2" Granite Paver, Add* | *0.98* | |
| | | *For 3" Granite Paver, Add* | *1.97* | |
| | | *For 4" Granite Paver, Add* | *2.11* | |
| | | *For Up To 100, Add* | *5.65* | |
| | | *For >100 To 500, Add* | *1.27* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.29* | |
| | | *For >5,000, Deduct* | *-0.94* | |
| 32 14 40 00-0012 | SF | 1" Thick, Granite Paver, Combinations And Patterns<br>Note: Patterns made by combining pavers from two or more size groups. | 20.26 | 1.75 |
| | | *For Cement/Sand Mix Or Polymeric Sand Joints, Add* | *1.19* | |
| | | *For 2" Granite Paver, Add* | *1.01* | |
| | | *For 3" Granite Paver, Add* | *2.03* | |
| | | *For 4" Granite Paver, Add* | *2.20* | |
| | | *For Up To 100, Add* | *5.94* | |
| | | *For >100 To 500, Add* | *1.36* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.35* | |
| | | *For >5,000, Deduct* | *-1.03* | |

## 32 15 Aggregate Surfacing *(32 10)*

### 32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

#### 32 15 40 00-0001 Gravel Surfacing And Spreading *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

| | | | | |
|---|---|---|---|---|
| 32 15 40 00-0002 | CY | Gravel Surfacing And Spreading | 83.38 | |

#### 32 15 40 00-0003 Limestone Screenings *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.

| | | | | |
|---|---|---|---|---|
| 32 15 40 00-0004 | CY | Limestone Screenings For Trail | 50.48 | |

## 32 16 Curbs, Gutters, Sidewalks, and Driveways *(32 10)*

### 32 16 13 Curbs and Gutters *(32 16)*

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0001 for additional saw cuts within the 100'.

### 32 16 13 13 Cast-In-Place Concrete Curbs and Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

#### 32 16 13 13-0001 Cast In Place Concrete Curb And Gutter *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

| | | | | |
|---|---|---|---|---|
| 32 16 13 13-0002 | LF | 6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight | 22.93 | 10.21 |
| | | *For Up To 20, Add* | *15.55* | |
| | | *For >20 To 50, Add* | *8.67* | |
| | | *For >50 To 100, Add* | *3.44* | |
| | | *For >500 To 1,000, Deduct* | *-2.93* | |
| | | *For >1,000, Deduct* | *-4.98* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *1.51* | |
| 32 16 13 13-0003 | LF | 6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius | 25.00 | 13.62 |
| | | *For Up To 20, Add* | *16.96* | |
| | | *For >20 To 50, Add* | *9.46* | |
| | | *For >50 To 100, Add* | *3.75* | |
| | | *For >500 To 1,000, Deduct* | *-3.21* | |
| | | *For >1,000, Deduct* | *-5.44* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *1.66* | |
| 32 16 13 13-0004 | LF | 6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight | 29.16 | 11.32 |
| | | *For Up To 20, Add* | *19.75* | |
| | | *For >20 To 50, Add* | *11.00* | |
| | | *For >50 To 100, Add* | *4.37* | |
| | | *For >500 To 1,000, Deduct* | *-3.71* | |
| | | *For >1,000, Deduct* | *-6.30* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *1.89* | |
| 32 16 13 13-0005 | LF | 6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius | 32.21 | 12.60 |
| | | *For Up To 20, Add* | *21.84* | |
| | | *For >20 To 50, Add* | *12.18* | |
| | | *For >50 To 100, Add* | *4.83* | |
| | | *For >500 To 1,000, Deduct* | *-4.12* | |
| | | *For >1,000, Deduct* | *-6.99* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *2.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 16 13 13-0006 | LF | 6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight | 35.39 | 13.62 |
| | | *For Up To 20, Add* | *23.96* | |
| | | *For >20 To 50, Add* | *13.34* | |
| | | *For >50 To 100, Add* | *5.31* | |
| | | *For >500 To 1,000, Deduct* | *-4.49* | |
| | | *For >1,000, Deduct* | *-7.63* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *2.28* | |
| 32 16 13 13-0007 | LF | 6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius | 39.41 | 15.33 |
| | | *For Up To 20, Add* | *26.71* | |
| | | *For >20 To 50, Add* | *14.89* | |
| | | *For >50 To 100, Add* | *5.91* | |
| | | *For >500 To 1,000, Deduct* | *-5.03* | |
| | | *For >1,000, Deduct* | *-8.54* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *2.58* | |
| 32 16 13 13-0008 | LF | 6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight | 42.05 | 16.18 |
| | | *For Up To 20, Add* | *28.47* | |
| | | *For >20 To 50, Add* | *15.85* | |
| | | *For >50 To 100, Add* | *6.31* | |
| | | *For >500 To 1,000, Deduct* | *-5.34* | |
| | | *For >1,000, Deduct* | *-9.06* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *2.70* | |
| 32 16 13 13-0009 | LF | 6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius | 46.19 | 17.88 |
| | | *For Up To 20, Add* | *31.29* | |
| | | *For >20 To 50, Add* | *17.43* | |
| | | *For >50 To 100, Add* | *6.93* | |
| | | *For >500 To 1,000, Deduct* | *-5.88* | |
| | | *For >1,000, Deduct* | *-9.98* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *3.00* | |
| 32 16 13 13-0010 | LF | 6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight | 48.71 | 18.73 |
| | | *For Up To 20, Add* | *32.97* | |
| | | *For >20 To 50, Add* | *18.36* | |
| | | *For >50 To 100, Add* | *7.31* | |
| | | *For >500 To 1,000, Deduct* | *-6.18* | |
| | | *For >1,000, Deduct* | *-10.49* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *3.13* | |
| 32 16 13 13-0011 | LF | 6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius | 52.99 | 20.44 |
| | | *For Up To 20, Add* | *35.88* | |
| | | *For >20 To 50, Add* | *19.98* | |
| | | *For >50 To 100, Add* | *7.95* | |
| | | *For >500 To 1,000, Deduct* | *-6.74* | |
| | | *For >1,000, Deduct* | *-11.43* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *3.42* | |
| 32 16 13 13-0012 | LF | 6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight | 55.37 | 21.28 |
| | | *For Up To 20, Add* | *37.48* | |
| | | *For >20 To 50, Add* | *20.87* | |
| | | *For >50 To 100, Add* | *8.31* | |
| | | *For >500 To 1,000, Deduct* | *-7.03* | |
| | | *For >1,000, Deduct* | *-11.92* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *3.55* | |
| 32 16 13 13-0013 | LF | 6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius | 61.47 | 23.84 |
| | | *For Up To 20, Add* | *41.65* | |
| | | *For >20 To 50, Add* | *23.21* | |
| | | *For >50 To 100, Add* | *9.22* | |
| | | *For >500 To 1,000, Deduct* | *-7.84* | |
| | | *For >1,000, Deduct* | *-13.30* | |
| | | *For Mountable Or Rolled Curb And Gutter, Add* | *4.01* | |

### 32 16 13 13-0014 Cast In Place Concrete Curbs *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

| | | | | |
|---|---|---|---|---|
| 32 16 13 13-0015 | LF | 6" x 12" Cast In Place Concrete Curb | 16.05 | 8.06 |
| | | *For Mountable Curb, Add* | *1.12* | |
| | | *For Up To 20, Add* | *9.66* | |
| | | *For >20 To 50, Add* | *5.47* | |
| | | *For >50 To 100, Add* | *2.09* | |
| | | *For >500 To 1,000, Deduct* | *-2.09* | |
| | | *For >1,000, Deduct* | *-3.54* | |
| 32 16 13 13-0016 | LF | 6" x 12" Cast In Place Concrete Curb - Radius | 18.39 | 9.27 |
| | | *For Mountable Curb, Add* | *1.30* | |
| | | *For Up To 20, Add* | *11.13* | |
| | | *For >20 To 50, Add* | *6.31* | |
| | | *For >50 To 100, Add* | *2.41* | |
| | | *For >500 To 1,000, Deduct* | *-2.41* | |
| | | *For >1,000, Deduct* | *-4.08* | |
| 32 16 13 13-0017 | LF | 6" x 14" Cast In Place Concrete Curb | 17.66 | 8.06 |
| | | *For Mountable Curb, Add* | *1.21* | |
| | | *For Up To 20, Add* | *10.58* | |
| | | *For >20 To 50, Add* | *6.00* | |
| | | *For >50 To 100, Add* | *2.29* | |
| | | *For >500 To 1,000, Deduct* | *-2.29* | |
| | | *For >1,000, Deduct* | *-3.88* | |
| 32 16 13 13-0018 | LF | 6" x 14" Cast In Place Concrete Curb - Radius | 20.23 | 9.27 |
| | | *For Mountable Curb, Add* | *1.42* | |
| | | *For Up To 20, Add* | *12.20* | |
| | | *For >20 To 50, Add* | *6.92* | |
| | | *For >50 To 100, Add* | *2.64* | |
| | | *For >500 To 1,000, Deduct* | *-2.64* | |
| | | *For >1,000, Deduct* | *-4.47* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 16 13 13-0019 | LF | 6" x 16" Cast In Place Concrete Curb | 19.48 | 8.06 |
| | | *For Mountable Curb, Add* | *1.30* | |
| | | *For Up To 20, Add* | *11.55* | |
| | | *For >20 To 50, Add* | *6.54* | |
| | | *For >50 To 100, Add* | *2.51* | |
| | | *For >500 To 1,000, Deduct* | *-2.51* | |
| | | *For >1,000, Deduct* | *-4.24* | |
| 32 16 13 13-0020 | LF | 6" x 16" Cast In Place Concrete Curb - Radius | 22.23 | 12.09 |
| | | *For Mountable Curb, Add* | *1.52* | |
| | | *For Up To 20, Add* | *13.31* | |
| | | *For >20 To 50, Add* | *7.54* | |
| | | *For >50 To 100, Add* | *2.88* | |
| | | *For >500 To 1,000, Deduct* | *-2.88* | |
| | | *For >1,000, Deduct* | *-4.88* | |
| 32 16 13 13-0021 | LF | 6" x 18" Cast In Place Concrete Curb | 20.92 | 8.06 |
| | | *For Mountable Curb, Add* | *1.37* | |
| | | *For Up To 20, Add* | *12.32* | |
| | | *For >20 To 50, Add* | *6.98* | |
| | | *For >50 To 100, Add* | *2.67* | |
| | | *For >500 To 1,000, Deduct* | *-2.67* | |
| | | *For >1,000, Deduct* | *-4.53* | |
| 32 16 13 13-0022 | LF | 6" x 18" Cast In Place Concrete Curb - Radius | 23.63 | 9.27 |
| | | *For Mountable Curb, Add* | *1.57* | |
| | | *For Up To 20, Add* | *13.99* | |
| | | *For >20 To 50, Add* | *7.92* | |
| | | *For >50 To 100, Add* | *3.03* | |
| | | *For >500 To 1,000, Deduct* | *-3.03* | |
| | | *For >1,000, Deduct* | *-5.14* | |
| 32 16 13 13-0023 | LF | 6" x 24" Cast In Place Concrete Curb | 24.17 | 8.87 |
| | | *For Mountable Curb, Add* | *1.45* | |
| | | *For Up To 20, Add* | *13.79* | |
| | | *For >20 To 50, Add* | *7.79* | |
| | | *For >50 To 100, Add* | *3.00* | |
| | | *For >500 To 1,000, Deduct* | *-3.00* | |
| | | *For >1,000, Deduct* | *-5.10* | |
| 32 16 13 13-0024 | LF | 6" x 24" Cast In Place Concrete Curb - Radius | 27.02 | 10.07 |
| | | *For Mountable Curb, Add* | *1.64* | |
| | | *For Up To 20, Add* | *15.47* | |
| | | *For >20 To 50, Add* | *8.74* | |
| | | *For >50 To 100, Add* | *3.37* | |
| | | *For >500 To 1,000, Deduct* | *-3.37* | |
| | | *For >1,000, Deduct* | *-5.72* | |
| 32 16 13 13-0025 | LF | 12" x 24" Cast In Place Concrete Curb | 32.04 | 10.07 |
| | | *For Mountable Curb, Add* | *1.36* | |
| | | *For Up To 20, Add* | *16.48* | |
| | | *For >20 To 50, Add* | *9.25* | |
| | | *For >50 To 100, Add* | *3.62* | |
| | | *For >500 To 1,000, Deduct* | *-3.62* | |
| | | *For >1,000, Deduct* | *-6.23* | |
| 32 16 13 13-0026 | LF | 12" x 24" Cast In Place Concrete Curb - Radius | 35.64 | 11.28 |
| | | *For Mountable Curb, Add* | *1.54* | |
| | | *For Up To 20, Add* | *18.41* | |
| | | *For >20 To 50, Add* | *10.33* | |
| | | *For >50 To 100, Add* | *4.04* | |
| | | *For >500 To 1,000, Deduct* | *-4.04* | |
| | | *For >1,000, Deduct* | *-6.95* | |
| 32 16 13 13-0027 | EA | Additional Finish For Handicap Drop Section In Curb | 60.42 | |

## 32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

### 32 16 13 14-0001 Curbs, Machine Formed, Slip Form *(32 16 13 14)*

Note: Includes delivered concrete, steel, expansion joints and finish.

| | | | |
|---|---|---|---|
| 32 16 13 14-0002 | EA | Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job)<br>Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section. | 1,343.15 |
| 32 16 13 14-0003 | LF | 6" x 12" Straight Concrete Curb, Machine Formed | 11.67 |
| 32 16 13 14-0004 | LF | 6" x 12" Curved Concrete Curb, Machine Formed | 15.81 |
| 32 16 13 14-0005 | LF | 6" x 18" Straight Concrete Curb, Machine Formed | 15.42 |
| 32 16 13 14-0006 | LF | 6" x 18" Curved Concrete Curb, Machine Formed | 20.27 |

## 32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

### 32 16 13 16-0001 Sidewalk/Curb Facing *(32 16 13 16)*

Note: Fabrication includes handicap and other curb access cuts.

| | | | | |
|---|---|---|---|---|
| 32 16 13 16-0002 | LF | 3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center | 15.32 | 4.55 |
| | | *For Curved Section, Add* | *3.23* | |
| 32 16 13 16-0003 | LF | 4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center | 16.83 | 5.17 |
| | | *For Curved Section, Add* | *3.63* | |
| 32 16 13 16-0004 | LF | 6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center | 22.91 | 5.79 |
| | | *For Curved Section, Add* | *4.47* | |
| 32 16 13 16-0005 | LF | 8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center | 28.26 | 6.52 |
| | | *For Curved Section, Add* | *5.25* | |
| 32 16 13 16-0006 | LF | 10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center | 34.74 | 7.13 |
| | | *For Curved Section, Add* | *6.14* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 16 13 16-0007 | LF | 12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center | 45.47 | 9.10 |
| | | *For Curved Section, Add* | *7.94* | |
| 32 16 13 16-0008 | LF | 13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center | 52.17 | 11.79 |
| | | *For Curved Section, Add* | *9.62* | |
| 32 16 13 16-0009 | EA | Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section | 165.63 | |

## 32 16 13 19 Cast-In-Place Concrete Drainage Ditches *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

### 32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

| | | | | |
|---|---|---|---|---|
| 32 16 13 19-0002 | LF | 2' Wide Cast In Place Concrete Valley Gutter, 6" Thick | 19.96 | |
| | | *For Up To 20, Add* | *9.07* | |
| | | *For >20 To 50, Add* | *5.04* | |
| | | *For >50 To 100, Add* | *2.01* | |
| | | *For >500 To 1,000, Deduct* | *-2.01* | |
| | | *For >1,000, Deduct* | *-3.52* | |
| 32 16 13 19-0003 | LF | 2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick | 24.48 | |
| | | *For Up To 20, Add* | *11.00* | |
| | | *For >20 To 50, Add* | *6.11* | |
| | | *For >50 To 100, Add* | *2.45* | |
| | | *For >500 To 1,000, Deduct* | *-2.45* | |
| | | *For >1,000, Deduct* | *-4.28* | |
| 32 16 13 19-0004 | LF | 3' Wide Cast In Place Concrete Valley Gutter, 6" Thick | 28.95 | |
| | | *For Up To 20, Add* | *12.91* | |
| | | *For >20 To 50, Add* | *7.16* | |
| | | *For >50 To 100, Add* | *2.87* | |
| | | *For >500 To 1,000, Deduct* | *-2.87* | |
| | | *For >1,000, Deduct* | *-5.03* | |
| 32 16 13 19-0005 | LF | 3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick | 33.40 | |
| | | *For Up To 20, Add* | *14.80* | |
| | | *For >20 To 50, Add* | *8.21* | |
| | | *For >50 To 100, Add* | *3.29* | |
| | | *For >500 To 1,000, Deduct* | *-3.29* | |
| | | *For >1,000, Deduct* | *-5.77* | |
| 32 16 13 19-0006 | LF | 4' Wide Cast In Place Concrete Valley Gutter, 6" Thick | 37.87 | |
| | | *For Up To 20, Add* | *16.69* | |
| | | *For >20 To 50, Add* | *9.26* | |
| | | *For >50 To 100, Add* | *3.72* | |
| | | *For >500 To 1,000, Deduct* | *-3.72* | |
| | | *For >1,000, Deduct* | *-6.52* | |
| 32 16 13 19-0007 | LF | 5' Wide Cast In Place Concrete Valley Gutter, 6" Thick | 45.05 | |
| | | *For Up To 20, Add* | *19.27* | |
| | | *For >20 To 50, Add* | *10.66* | |
| | | *For >50 To 100, Add* | *4.30* | |
| | | *For >500 To 1,000, Deduct* | *-4.30* | |
| | | *For >1,000, Deduct* | *-7.58* | |
| 32 16 13 19-0008 | LF | 6' Wide Cast In Place Concrete Valley Gutter, 6" Thick | 51.98 | |
| | | *For Up To 20, Add* | *21.67* | |
| | | *For >20 To 50, Add* | *11.96* | |
| | | *For >50 To 100, Add* | *4.85* | |
| | | *For >500 To 1,000, Deduct* | *-4.85* | |
| | | *For >1,000, Deduct* | *-8.58* | |
| 32 16 13 19-0009 | SF | >6' Wide Cast In Place Concrete Valley Gutter, 6" Thick | 8.66 | |
| | | *For Up To 100, Add* | *3.61* | |
| | | *For >100 To 250, Add* | *1.99* | |
| | | *For >250 To 500, Add* | *0.81* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.81* | |
| | | *For >5,000, Deduct* | *-1.43* | |
| 32 16 13 19-0010 | LF | 2' Wide Cast In Place Concrete Valley Gutter, 7" Thick | 21.97 | |
| | | *For Up To 20, Add* | *9.73* | |
| | | *For >20 To 50, Add* | *5.40* | |
| | | *For >50 To 100, Add* | *2.17* | |
| | | *For >500 To 1,000, Deduct* | *-2.17* | |
| | | *For >1,000, Deduct* | *-3.80* | |
| 32 16 13 19-0011 | LF | 2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick | 27.14 | |
| | | *For Up To 20, Add* | *11.94* | |
| | | *For >20 To 50, Add* | *6.62* | |
| | | *For >50 To 100, Add* | *2.66* | |
| | | *For >500 To 1,000, Deduct* | *-2.66* | |
| | | *For >1,000, Deduct* | *-4.67* | |
| 32 16 13 19-0012 | LF | 3' Wide Cast In Place Concrete Valley Gutter, 7" Thick | 31.95 | |
| | | *For Up To 20, Add* | *13.90* | |
| | | *For >20 To 50, Add* | *7.70* | |
| | | *For >50 To 100, Add* | *3.10* | |
| | | *For >500 To 1,000, Deduct* | *-3.10* | |
| | | *For >1,000, Deduct* | *-5.45* | |
| 32 16 13 19-0013 | LF | 3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick | 36.90 | |
| | | *For Up To 20, Add* | *15.95* | |
| | | *For >20 To 50, Add* | *8.83* | |
| | | *For >50 To 100, Add* | *3.56* | |
| | | *For >500 To 1,000, Deduct* | *-3.56* | |
| | | *For >1,000, Deduct* | *-6.26* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 16 13 19-0014 | LF | 4' Wide Cast In Place Concrete Valley Gutter, 7" Thick | 41.83 | |
| | | *For Up To 20, Add* | *17.99* | |
| | | *For >20 To 50, Add* | *9.96* | |
| | | *For >50 To 100, Add* | *4.02* | |
| | | *For >500 To 1,000, Deduct* | *-4.02* | |
| | | *For >1,000, Deduct* | *-7.07* | |
| 32 16 13 19-0015 | LF | 5' Wide Cast In Place Concrete Valley Gutter, 7" Thick | 49.88 | |
| | | *For Up To 20, Add* | *20.80* | |
| | | *For >20 To 50, Add* | *11.48* | |
| | | *For >50 To 100, Add* | *4.66* | |
| | | *For >500 To 1,000, Deduct* | *-4.66* | |
| | | *For >1,000, Deduct* | *-8.24* | |
| 32 16 13 19-0016 | LF | 6' Wide Cast In Place Concrete Valley Gutter, 7" Thick | 57.66 | |
| | | *For Up To 20, Add* | *23.43* | |
| | | *For >20 To 50, Add* | *12.90* | |
| | | *For >50 To 100, Add* | *5.26* | |
| | | *For >500 To 1,000, Deduct* | *-5.26* | |
| | | *For >1,000, Deduct* | *-9.33* | |
| 32 16 13 19-0017 | SF | >6' Wide Cast In Place Concrete Valley Gutter, 7" Thick | 9.62 | |
| | | *For Up To 100, Add* | *3.91* | |
| | | *For >100 To 250, Add* | *2.15* | |
| | | *For >250 To 500, Add* | *0.88* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.88* | |
| | | *For >5,000, Deduct* | *-1.56* | |
| 32 16 13 19-0018 | LF | 2' Wide Cast In Place Concrete Valley Gutter, 8" Thick | 22.08 | |
| | | *For Up To 20, Add* | *10.04* | |
| | | *For >20 To 50, Add* | *5.58* | |
| | | *For >50 To 100, Add* | *2.23* | |
| | | *For >500 To 1,000, Deduct* | *-2.23* | |
| | | *For >1,000, Deduct* | *-3.89* | |
| 32 16 13 19-0019 | LF | 2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick | 27.11 | |
| | | *For Up To 20, Add* | *12.20* | |
| | | *For >20 To 50, Add* | *6.78* | |
| | | *For >50 To 100, Add* | *2.71* | |
| | | *For >500 To 1,000, Deduct* | *-2.71* | |
| | | *For >1,000, Deduct* | *-4.75* | |
| 32 16 13 19-0020 | LF | 3' Wide Cast In Place Concrete Valley Gutter, 8" Thick | 32.05 | |
| | | *For Up To 20, Add* | *14.31* | |
| | | *For >20 To 50, Add* | *7.94* | |
| | | *For >50 To 100, Add* | *3.18* | |
| | | *For >500 To 1,000, Deduct* | *-3.18* | |
| | | *For >1,000, Deduct* | *-5.57* | |
| 32 16 13 19-0021 | LF | 3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick | 37.01 | |
| | | *For Up To 20, Add* | *16.42* | |
| | | *For >20 To 50, Add* | *9.11* | |
| | | *For >50 To 100, Add* | *3.65* | |
| | | *For >500 To 1,000, Deduct* | *-3.65* | |
| | | *For >1,000, Deduct* | *-6.41* | |
| 32 16 13 19-0022 | LF | 4' Wide Cast In Place Concrete Valley Gutter, 8" Thick | 41.96 | |
| | | *For Up To 20, Add* | *18.53* | |
| | | *For >20 To 50, Add* | *10.28* | |
| | | *For >50 To 100, Add* | *4.13* | |
| | | *For >500 To 1,000, Deduct* | *-4.13* | |
| | | *For >1,000, Deduct* | *-7.24* | |
| 32 16 13 19-0023 | LF | 5' Wide Cast In Place Concrete Valley Gutter, 8" Thick | 49.91 | |
| 32 16 13 19-0024 | LF | 6' Wide Cast In Place Concrete Valley Gutter, 8" Thick | 57.57 | |
| 32 16 13 19-0025 | SF | >6' Wide Cast In Place Concrete Valley Gutter, 8" Thick | 9.59 | |
| | | *For Up To 100, Add* | *4.00* | |
| | | *For >100 To 250, Add* | *2.21* | |
| | | *For >250 To 500, Add* | *0.90* | |
| | | *For >2,500 To 5,000, Deduct* | *-0.90* | |
| | | *For >5,000, Deduct* | *-1.58* | |

## 32 16 13 23 Precast Concrete Curbs and Gutters *(32 16 13)*

### 32 16 13 23-0001 Precast Concrete Curb *(32 16 13 23)*

| | | | | |
|---|---|---|---|---|
| 32 16 13 23-0002 | LF | 6" x 18" Precast Concrete Curb | 37.35 | 8.24 |
| 32 16 13 23-0003 | LF | 6" x 18" Precast Concrete Curb, Radius | 44.76 | 9.48 |
| 32 16 13 23-0004 | LF | 6" x 20" Precast Concrete Curb | 39.74 | 8.24 |
| 32 16 13 23-0005 | LF | 6" x 20" Precast Concrete Curb, Radius | 47.91 | 9.48 |
| 32 16 13 23-0006 | LF | 7" x 18" Precast Concrete Curb | 40.83 | 8.24 |
| 32 16 13 23-0007 | LF | 7" x 18" Precast Concrete Curb, Radius | 49.17 | 9.48 |
| 32 16 13 23-0008 | LF | 7" x 20" Precast Concrete Curb | 43.54 | 8.24 |
| 32 16 13 23-0009 | LF | 7" x 20" Precast Concrete Curb, Radius | 52.60 | 9.48 |

## 32 16 13 33 Asphalt Curbs *(32 16 13)*

### 32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

| | | | | |
|---|---|---|---|---|
| 32 16 13 33-0002 | LF | 6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain | 11.47 | 4.65 |
| 32 16 13 33-0003 | LF | 8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain | 12.91 | 5.17 |
| 32 16 13 33-0004 | LF | 8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain | 14.24 | 5.69 |

## 32 16 13 43 Stone Curbs *(32 16 13)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 16 13 43-0001 | | Remove And Reset Stone And Precast Curbing *(32 16 13 43)*<br>Note: Includes storage and cleaning. | | |
| 32 16 13 43-0002 | LF | Removal And Reseting Of Stone Or Precast Curbing<br>Note: Includes storage and cleaning. | 29.42 | |

## 32 16 23 Sidewalks *(32 16)*

| | | | | |
|---|---|---|---|---|
| 32 16 23 00-0001 | | Cast In Place Concrete Sidewalk *(32 16 23)*<br>Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 05 13 00-0001 for color additive, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0081 for buggies, 03 31 13 00-0088 for small quantity purchases, 03 37 16 00-0001 for pumping with boom truck, 31 23 16 36-0000 for excavation, 32 11 23 16-0001 for base course. | | |
| 32 16 23 00-0002 | SF | 4" Cast In Place Concrete Sidewalk | 8.21 | |
| | | *For Up To 100, Add* | *3.45* | |
| | | *For >100 To 500, Add* | *0.97* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.56* | |
| | | *For >5,000, Deduct* | *-1.25* | |
| | | *For Welded Wire Reinforcement, Add* | *0.78* | |
| 32 16 23 00-0003 | SF | 5" Cast In Place Concrete Sidewalk | 8.93 | |
| | | *For Up To 100, Add* | *3.68* | |
| | | *For >100 To 500, Add* | *1.03* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.58* | |
| | | *For >5,000, Deduct* | *-1.32* | |
| | | *For Welded Wire Reinforcement, Add* | *0.78* | |
| 32 16 23 00-0004 | SF | 6" Cast In Place Concrete Sidewalk | 9.67 | |
| | | *For Up To 100, Add* | *3.92* | |
| | | *For >100 To 500, Add* | *1.08* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.60* | |
| | | *For >5,000, Deduct* | *-1.39* | |
| | | *For Welded Wire Reinforcement, Add* | *0.78* | |
| 32 16 23 00-0005 | SF | 7" Cast In Place Concrete Sidewalk | 11.37 | |
| | | *For Up To 100, Add* | *4.55* | |
| | | *For >100 To 500, Add* | *1.25* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.68* | |
| | | *For >5,000, Deduct* | *-1.59* | |
| | | *For Welded Wire Reinforcement, Add* | *0.78* | |
| 32 16 23 00-0006 | SF | 8" Cast In Place Concrete Sidewalk | 12.01 | |
| | | *For Up To 100, Add* | *4.74* | |
| | | *For >100 To 500, Add* | *1.29* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.69* | |
| | | *For >5,000, Deduct* | *-1.64* | |
| | | *For Welded Wire Reinforcement, Add* | *0.78* | |
| 32 16 23 00-0007 | SF | For Exposed Aggregate Finish In Sidewalk | 1.99 | |
| 32 16 23 00-0008 | EA | Finish Concrete Handicap Drop Section In Sidewalk<br>Note: Excludes patterned (tactile) finish. | 119.65 | |
| 32 16 23 00-0009 | | Bituminous Sidewalk *(32 16 23)*<br>Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course. | | |
| 32 16 23 00-0010 | SY | 1" Bituminous Sidewalk | 8.21 | |
| | | *For Up To 100, Add* | *3.01* | |
| | | *For >100 To 500, Add* | *0.79* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.38* | |
| | | *For >5,000, Deduct* | *-0.79* | |
| 32 16 23 00-0011 | SY | 1-1/2" Bituminous Sidewalk | 10.34 | |
| | | *For Up To 100, Add* | *3.73* | |
| | | *For >100 To 500, Add* | *0.98* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.46* | |
| | | *For >5,000, Deduct* | *-0.98* | |
| 32 16 23 00-0012 | SY | 2" Bituminous Sidewalk | 14.43 | |
| | | *For Up To 100, Add* | *5.03* | |
| | | *For >100 To 500, Add* | *1.29* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.57* | |
| | | *For >5,000, Deduct* | *-1.29* | |
| 32 16 23 00-0013 | SY | 2-1/2" Bituminous Sidewalk | 18.06 | |
| | | *For Up To 100, Add* | *6.28* | |
| | | *For >100 To 500, Add* | *1.61* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.71* | |
| | | *For >5,000, Deduct* | *-1.61* | |
| 32 16 23 00-0014 | SY | 3" Bituminous Sidewalk | 20.86 | |
| | | *For Up To 100, Add* | *7.13* | |
| | | *For >100 To 500, Add* | *1.81* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.77* | |
| | | *For >5,000, Deduct* | *-1.81* | |
| 32 16 23 00-0015 | SY | 3-1/2" Bituminous Sidewalk | 24.15 | |
| | | *For Up To 100, Add* | *8.14* | |
| | | *For >100 To 500, Add* | *2.05* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.84* | |
| | | *For >5,000, Deduct* | *-2.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 32 17 Paving Specialties *(32 10)*

## 32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

### 32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

| | | | | |
|---|---|---|---|---|
| 32 17 13 16-0001 | EA | 4" x 6" x 4' Recycled Plastic Wheel Stop | 163.94 | 5.72 |
| 32 17 13 16-0002 | EA | 4" x 6" x 6' Recycled Plastic Wheel Stop | 185.99 | 5.72 |

### 32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

| | | | | |
|---|---|---|---|---|
| 32 17 13 19-0001 | EA | 6" x 8" x 4' Precast Concrete Wheel Stop With Dowels | 37.98 | 17.23 |
| 32 17 13 19-0002 | EA | 6" x 6" x 6' Precast Concrete Wheel Stop With Dowels | 43.81 | 17.23 |
| 32 17 13 19-0003 | EA | 6" x 8" x 6' Precast Concrete Wheel Stop With Dowels | 44.61 | 17.23 |
| 32 17 13 19-0004 | EA | 6" x 10" x 6' Precast Concrete Wheel Stop With Dowels | 46.27 | 17.23 |
| 32 17 13 19-0005 | EA | 8" x 4-1/2" x 6' Precast Concrete Wheel Stop With Dowels | 43.81 | 17.23 |
| 32 17 13 19-0006 | EA | 8" x 13" x 6' Precast Concrete Wheel Stop With Dowels | 52.92 | 17.23 |
| 32 17 13 19-0007 | EA | Removal And Relocation Of Precast Concrete Wheel Stop | 27.57 | |
| 32 17 13 19-0008 | EA | Removal And Relocation Of Plastic Or Wood Wheel Stop | 17.93 | |

### 32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

| | | | | |
|---|---|---|---|---|
| 32 17 13 23-0001 | EA | 3' Recycled Rubber Wheel Stop | 25.60 | 5.72 |
| 32 17 13 23-0002 | EA | 4' Recycled Rubber Wheel Stop | 29.98 | 5.72 |
| 32 17 13 23-0003 | EA | 5' Recycled Rubber Wheel Stop | 31.74 | 5.72 |
| 32 17 13 23-0004 | EA | 6' Recycled Rubber Wheel Stop | 34.37 | 5.72 |

### 32 17 13 26 Wood Parking Bumpers *(32 17 13)*

| | | | | |
|---|---|---|---|---|
| 32 17 13 26-0001 | LF | 4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated | 12.43 | 1.38 |
| 32 17 13 26-0002 | LF | 6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated | 18.92 | 1.38 |

## 32 17 16 Manufactured Traffic-Calming Devices *(32 17)*

### 32 17 16 00-0001 Speed Bumps *(32 17 16)*

Note: Excludes pavement markings or reflectors.

| | | | | |
|---|---|---|---|---|
| 32 17 16 00-0002 | LF | 2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump | 33.66 | 1.70 |
| 32 17 16 00-0003 | LF | 2-1/4" High x 12" Wide, Recycled Rubber Speed Bump | 26.50 | 1.14 |
| 32 17 16 00-0004 | LF | 2-5/8" High x 12" Wide, Recycled Plastic Speed Bump | 121.09 | 1.14 |

## 32 17 23 Pavement Markings *(32 17)*

See CSI section 01 55 26 00-0000 for temporary markings and removable line mask tape.

### 32 17 23 13 Painted Pavement Markings *(32 17 23)*

#### 32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 13)*

Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.

#### 32 17 23 13-0002 Alkyd/Solvent Based/Latex Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

| | | | |
|---|---|---|---|
| 32 17 23 13-0003 | LF | Single 4" Wide Solid Line, Painted Reflective Pavement Striping | 0.29 |
| | | *For Up To 5,000 LF, Add* | *0.06* |
| | | *For >25,000 LF, Deduct* | *-0.04* |
| | | *For Broken Line, Deduct* | *-0.06* |
| 32 17 23 13-0004 | LF | Single 6" Wide Solid Line, Painted Reflective Pavement Striping | 0.36 |
| | | *For Up To 5,000 LF, Add* | *0.07* |
| | | *For >25,000 LF, Deduct* | *-0.05* |
| | | *For Broken Line, Deduct* | *-0.08* |
| 32 17 23 13-0005 | LF | Single 8" Wide Solid Line, Painted Reflective Pavement Striping | 0.46 |
| | | *For Up To 5,000 LF, Add* | *0.09* |
| | | *For >25,000 LF, Deduct* | *-0.07* |
| | | *For Broken Line, Deduct* | *-0.11* |
| 32 17 23 13-0006 | LF | Single 12" Wide Solid Line, Painted Reflective Pavement Striping | 0.62 |
| | | *For Up To 5,000 LF, Add* | *0.12* |
| | | *For >25,000 LF, Deduct* | *-0.09* |
| | | *For Broken Line, Deduct* | *-0.16* |
| 32 17 23 13-0007 | LF | Double 4" Wide Solid Lines, Painted Reflective Pavement Striping | 0.42 |
| | | *For Up To 5,000 LF, Add* | *0.08* |
| | | *For >25,000 LF, Deduct* | *-0.06* |
| | | *For Broken Line On One Side, Deduct* | *-0.05* |
| | | *For Double Broken Line, Deduct* | *-0.11* |
| 32 17 23 13-0008 | LF | Double 6" Wide Solid Lines, Painted Reflective Pavement Striping | 0.62 |
| | | *For Up To 5,000 LF, Add* | *0.12* |
| | | *For >25,000 LF, Deduct* | *-0.09* |
| | | *For Broken Line On One Side, Deduct* | *-0.08* |
| | | *For Double Broken Line, Deduct* | *-0.16* |
| 32 17 23 13-0009 | SF | Solid Area, Painted Reflective Pavement Striping | 3.95 |

Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 17 23 13-0010 | EA | 6" High, Letter/Number, Alkyd Reflective Pavement Striping | 2.91 | |
| | | *For <10, Add* | *0.38* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 200, Deduct* | *-0.26* | |
| | | *For >200, Deduct* | *-0.51* | |
| 32 17 23 13-0011 | EA | 12" High, Letter/Number, Alkyd Reflective Pavement Striping | 5.15 | |
| | | *For <10, Add* | *0.58* | |
| | | *For >50 To 100, Deduct* | *-0.29* | |
| | | *For >100 To 200, Deduct* | *-0.39* | |
| | | *For >200, Deduct* | *-0.77* | |
| 32 17 23 13-0012 | EA | 24" High, Letter/Number, Alkyd Reflective Pavement Striping | 8.67 | |
| | | *For <10, Add* | *0.96* | |
| | | *For >50 To 100, Deduct* | *-0.48* | |
| | | *For >100 To 200, Deduct* | *-0.64* | |
| | | *For >200, Deduct* | *-1.29* | |
| 32 17 23 13-0013 | EA | 36" High, Letter/Number, Alkyd Reflective Pavement Striping | 16.80 | |
| | | *For <10, Add* | *1.93* | |
| | | *For >50 To 100, Deduct* | *-0.96* | |
| | | *For >100 To 200, Deduct* | *-1.29* | |
| | | *For >200, Deduct* | *-2.57* | |
| 32 17 23 13-0014 | EA | 48" High, Letter/Number, Alkyd Reflective Pavement Striping | 19.55 | |
| | | *For <10, Add* | *2.16* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.44* | |
| | | *For >200, Deduct* | *-2.89* | |
| 32 17 23 13-0015 | EA | 72" High, Letter/Number, Alkyd Reflective Pavement Striping | 35.03 | |
| | | *For <10, Add* | *3.85* | |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100 To 200, Deduct* | *-2.57* | |
| | | *For >200, Deduct* | *-5.13* | |
| 32 17 23 13-0016 | EA | 96" High, Letter/Number, Alkyd Reflective Pavement Striping | 46.79 | |
| | | *For <10, Add* | *5.17* | |
| | | *For >50 To 100, Deduct* | *-2.59* | |
| | | *For >100 To 200, Deduct* | *-3.45* | |
| | | *For >200, Deduct* | *-6.89* | |
| 32 17 23 13-0017 | EA | 120" High, Letter/Number, Alkyd Reflective Pavement Striping | 70.20 | |
| | | *For <10, Add* | *6.41* | |
| | | *For >50 To 100, Deduct* | *-3.20* | |
| | | *For >100 To 200, Deduct* | *-4.27* | |
| | | *For >200, Deduct* | *-8.54* | |
| 32 17 23 13-0018 | SF | Letter/Number, Painted Reflective Pavement Marking | 4.76 | |
| 32 17 23 13-0019 | SF | Symbols, Painted Reflective Pavement Marking<br>Note: Handicap, railroad, diamond, arrows, etc. | 5.63 | |

## 32 17 23 13-0020 Epoxy Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

| | | | | |
|---|---|---|---|---|
| 32 17 23 13-0021 | LF | Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping | 0.50 | |
| | | *For 20 Mil Thickness, Add* | *0.11* | |
| | | *For Up To 5,000 LF, Add* | *0.10* | |
| | | *For >25,000 LF, Deduct* | *-0.08* | |
| | | *For Broken Line, Deduct* | *-0.22* | |
| 32 17 23 13-0022 | LF | Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping | 0.69 | |
| | | *For 20 Mil Thickness, Add* | *0.16* | |
| | | *For Up To 5,000 LF, Add* | *0.14* | |
| | | *For >25,000 LF, Deduct* | *-0.10* | |
| | | *For Broken Line, Deduct* | *-0.33* | |
| 32 17 23 13-0023 | LF | Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping | 0.84 | |
| | | *For 20 Mil Thickness, Add* | *0.19* | |
| | | *For Up To 5,000 LF, Add* | *0.17* | |
| | | *For >25,000 LF, Deduct* | *-0.13* | |
| | | *For Broken Line, Deduct* | *-0.39* | |
| 32 17 23 13-0024 | LF | Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping | 1.26 | |
| | | *For 20 Mil Thickness, Add* | *0.30* | |
| | | *For Up To 5,000 LF, Add* | *0.25* | |
| | | *For >25,000 LF, Deduct* | *-0.19* | |
| | | *For Broken Line, Deduct* | *-0.64* | |
| 32 17 23 13-0025 | LF | Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping | 0.78 | |
| | | *For 20 Mil Thickness, Add* | *0.20* | |
| | | *For Up To 5,000 LF, Add* | *0.16* | |
| | | *For >25,000 LF, Deduct* | *-0.12* | |
| | | *For Broken Line On One Side, Deduct* | *-0.21* | |
| | | *For Double Broken Line, Deduct* | *-0.43* | |
| 32 17 23 13-0026 | LF | Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping | 1.10 | |
| | | *For 20 Mil Thickness, Add* | *0.30* | |
| | | *For Up To 5,000 LF, Add* | *0.22* | |
| | | *For >25,000 LF, Deduct* | *-0.17* | |
| | | *For Broken Line On One Side, Deduct* | *-0.32* | |
| | | *For Double Broken Line, Deduct* | *-0.64* | |
| 32 17 23 13-0027 | SF | Solid Area, Epoxy Reflective Pavement Marking<br>Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc. | 5.27 | |
| | | *For 20 Mil Thickness, Add* | *0.70* | |
| 32 17 23 13-0028 | EA | 6" High, Letter/Number, Epoxy Reflective Pavement Marking | 3.17 | |
| | | *For 20 Mil Thickness, Add* | *0.33* | |
| | | *For <10, Add* | *0.38* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 200, Deduct* | *-0.26* | |
| | | *For >200, Deduct* | *-0.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 17 23 13-0029 | EA | 12" High, Letter/Number, Epoxy Reflective Pavement Marking | 6.07 | |
| | | *For 20 Mil Thickness, Add* | *0.93* | |
| | | *For <10, Add* | *0.58* | |
| | | *For >50 To 100, Deduct* | *-0.29* | |
| | | *For >100 To 200, Deduct* | *-0.39* | |
| | | *For >200, Deduct* | *-0.77* | |
| 32 17 23 13-0030 | EA | 24" High, Letter/Number, Epoxy Reflective Pavement Marking | 10.29 | |
| | | *For 20 Mil Thickness, Add* | *1.61* | |
| | | *For <10, Add* | *0.96* | |
| | | *For >50 To 100, Deduct* | *-0.48* | |
| | | *For >100 To 200, Deduct* | *-0.64* | |
| | | *For >200, Deduct* | *-1.29* | |
| 32 17 23 13-0031 | EA | 36" High, Letter/Number, Epoxy Reflective Pavement Marking | 19.64 | |
| | | *For 20 Mil Thickness, Add* | *2.90* | |
| | | *For <10, Add* | *1.93* | |
| | | *For >50 To 100, Deduct* | *-0.96* | |
| | | *For >100 To 200, Deduct* | *-1.29* | |
| | | *For >200, Deduct* | *-2.57* | |
| 32 17 23 13-0032 | EA | 48" High, Letter/Number, Epoxy Reflective Pavement Marking | 23.25 | |
| | | *For 20 Mil Thickness, Add* | *3.66* | |
| | | *For <10, Add* | *2.16* | |
| | | *For >50 To 100, Deduct* | *-1.08* | |
| | | *For >100 To 200, Deduct* | *-1.44* | |
| | | *For >200, Deduct* | *-2.89* | |
| 32 17 23 13-0033 | EA | 72" High, Letter/Number, Epoxy Reflective Pavement Marking | 41.78 | |
| | | *For 20 Mil Thickness, Add* | *6.65* | |
| | | *For <10, Add* | *3.85* | |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100 To 200, Deduct* | *-2.57* | |
| | | *For >200, Deduct* | *-5.13* | |
| 32 17 23 13-0034 | EA | 96" High, Letter/Number, Epoxy Reflective Pavement Marking | 55.66 | |
| | | *For 20 Mil Thickness, Add* | *8.79* | |
| | | *For <10, Add* | *5.17* | |
| | | *For >50 To 100, Deduct* | *-2.59* | |
| | | *For >100 To 200, Deduct* | *-3.45* | |
| | | *For >200, Deduct* | *-6.89* | |
| 32 17 23 13-0035 | EA | 120" High, Letter/Number, Epoxy Reflective Pavement Marking | 90.02 | |
| | | *For 20 Mil Thickness, Add* | *17.90* | |
| | | *For <10, Add* | *6.41* | |
| | | *For >50 To 100, Deduct* | *-3.20* | |
| | | *For >100 To 200, Deduct* | *-4.27* | |
| | | *For >200, Deduct* | *-8.54* | |
| 32 17 23 13-0036 | SF | Letter/Number, Epoxy Reflective Pavement Marking | 5.40 | |
| | | *For 20 Mil Thickness, Add* | *0.70* | |
| 32 17 23 13-0037 | SF | Symbols, Epoxy Reflective Pavement Marking<br>Note: Handicap, railroad, diamond, arrows, etc. | 6.71 | |
| | | *For 20 Mil Thickness, Add* | *0.77* | |

## 32 17 23 13-0038 Painted Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)*

Note: Includes primers. Per Coat.

## 32 17 23 13-0039 Painted Pavement Marking For Parking Areas *(32 17 23 13-0038)*

Note: 15 mil thickness.

| | | | | |
|---|---|---|---|---|
| 32 17 23 13-0040 | LF | Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas | 1.04 | |
| 32 17 23 13-0041 | LF | Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas | 1.14 | |
| 32 17 23 13-0042 | LF | Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas | 1.21 | |
| 32 17 23 13-0043 | LF | Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas | 1.36 | |
| 32 17 23 13-0044 | SF | Solid Area, Painted Pavement Marking For Parking Areas<br>Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc. | 3.92 | |
| 32 17 23 13-0045 | EA | 6" High, Letter/Number, Painted Pavement Marking For Parking Areas | 2.84 | |
| | | *For Up To 10, Add* | *0.38* | |
| | | *For >50 To 100, Deduct* | *-0.19* | |
| | | *For >100 To 200, Deduct* | *-0.25* | |
| | | *For >200, Deduct* | *-0.50* | |
| 32 17 23 13-0046 | EA | 12" High, Letter/Number, Painted Pavement Marking For Parking Areas | 4.97 | |
| | | *For Up To 10, Add* | *0.56* | |
| | | *For >50 To 100, Deduct* | *-0.28* | |
| | | *For >100 To 200, Deduct* | *-0.37* | |
| | | *For >200, Deduct* | *-0.75* | |
| 32 17 23 13-0047 | EA | 24" High, Letter/Number, Painted Pavement Marking For Parking Areas | 8.40 | |
| | | *For Up To 10, Add* | *0.94* | |
| | | *For >50 To 100, Deduct* | *-0.47* | |
| | | *For >100 To 200, Deduct* | *-0.62* | |
| | | *For >200, Deduct* | *-1.25* | |
| 32 17 23 13-0048 | EA | 36" High, Letter/Number, Painted Pavement Marking For Parking Areas | 15.65 | |
| | | *For Up To 10, Add* | *1.78* | |
| | | *For >50 To 100, Deduct* | *-0.89* | |
| | | *For >100 To 200, Deduct* | *-1.19* | |
| | | *For >200, Deduct* | *-2.37* | |
| 32 17 23 13-0049 | EA | 42" High, Letter/Number, Painted Pavement Marking For Parking Areas | 20.59 | |
| | | *For Up To 10, Add* | *2.43* | |
| | | *For >50 To 100, Deduct* | *-1.22* | |
| | | *For >100 To 200, Deduct* | *-1.62* | |
| | | *For >200, Deduct* | *-3.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 17 23 13-0050 | EA | 48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas | 24.92 | |
| | | *For Up To 10, Add* | *3.00* | |
| | | *For >50 To 100, Deduct* | *-1.50* | |
| | | *For >100 To 200, Deduct* | *-2.00* | |
| | | *For >200, Deduct* | *-4.00* | |
| 32 17 23 13-0051 | EA | 72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas | 33.97 | |
| | | *For Up To 10, Add* | *3.75* | |
| | | *For >50 To 100, Deduct* | *-1.87* | |
| | | *For >100 To 200, Deduct* | *-2.50* | |
| | | *For >200, Deduct* | *-4.99* | |
| 32 17 23 13-0052 | EA | Through Lane Arrow, Painted Pavement Marking For Parking Areas<br>Note: Approximate overall dimensions: 3-1/2' width x 10' height. | 64.32 | |
| 32 17 23 13-0053 | EA | Turn Lane Arrow, Painted Pavement Marking For Parking Areas<br>Note: Approximate overall dimensions: 6' width x 8' height. | 75.41 | |
| 32 17 23 13-0054 | EA | Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas<br>Note: Approximate overall dimensions: 11' width x 8' height. | 111.89 | |
| 32 17 23 13-0055 | EA | Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas<br>Note: Approximate overall dimensions: 7' width x 13' height. | 114.45 | |
| 32 17 23 13-0056 | EA | Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas<br>Note: Approximate overall dimensions: 9' width x 15' height. | 153.22 | |
| 32 17 23 13-0057 | EA | Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas<br>Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping. | 24.81 | |
| | | *For Blue Background With White Symbol, Add* | *20.69* | |
| | | *For Blue Background With White Symbol And Border, Add* | *25.87* | |
| 32 17 23 13-0058 | EA | Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas<br>Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping. | 38.64 | |
| | | *For Blue Background With White Symbol, Add* | *44.85* | |
| | | *For Blue Background With White Symbol And Border, Add* | *56.06* | |

### 32 17 23 13-0059 Painted Curbs *(32 17 23 13)*

Note: All colors.

| | | | | |
|---|---|---|---|---|
| 32 17 23 13-0060 | LF | Reflective Painted Curb | 2.42 | |
| 32 17 23 13-0061 | LF | Reflective Painted Curb And Gutter | 4.68 | |
| 32 17 23 13-0062 | LF | Painted Curb | 1.96 | |
| 32 17 23 13-0063 | LF | Painted Curb And Gutter | 4.30 | |

### 32 17 23 13-0064 Markings For Outdoor Play Areas, Courts *(32 17 23 13)*

| | | | | |
|---|---|---|---|---|
| 32 17 23 13-0065 | LF | 2" Wide Marking For Outdoor Play Areas | 0.79 | |
| 32 17 23 13-0066 | LF | 3" Wide Marking For Outdoor Play Areas | 0.89 | |
| 32 17 23 13-0067 | LF | 4" Wide Marking For Outdoor Play Areas | 1.00 | |
| 32 17 23 13-0068 | LF | 6" Wide Marking For Outdoor Play Areas | 1.17 | |
| 32 17 23 13-0069 | EA | Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera) | 185.56 | |

## 32 17 23 23 Raised Pavement Markings *(32 17 23)*

### 32 17 23 23-0001 Raised Pavement Markers (RPMs) *(32 17 23 23)*

| | | | | |
|---|---|---|---|---|
| 32 17 23 23-0002 | EA | One-Way Reflective, Raised Pavement Marker (RPM) | 5.12 | 2.09 |
| | | *For >100, Deduct* | *-0.51* | |
| 32 17 23 23-0003 | EA | Two-Way Reflective, Raised Pavement Marker (RPM) | 5.42 | 2.09 |
| | | *For >100, Deduct* | *-0.54* | |
| 32 17 23 23-0004 | EA | 4" Diameter, Non-Reflective, Raised Pavement Marker (RPM) | 4.73 | 2.09 |
| | | *For >100, Deduct* | *-0.47* | |

### 32 17 23 23-0005 Snowplowable Pavement Markers *(32 17 23 23)*

| | | | | |
|---|---|---|---|---|
| 32 17 23 23-0006 | EA | One-Way Reflective, Snowplowable Pavement Marker With Center Rail | 62.70 | 26.34 |
| 32 17 23 23-0007 | EA | Two-Way Reflective, Snowplowable Pavement Marker With Center Rail | 62.97 | 26.34 |
| 32 17 23 23-0008 | EA | Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker | 17.00 | |
| 32 17 23 23-0009 | EA | Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker | 21.67 | |

## 32 17 23 33 Plastic Pavement Markings *(32 17 23)*

### 32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)*

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

### 32 17 23 33-0002 Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*

Note: 90 mil thickness.

| | | | | |
|---|---|---|---|---|
| 32 17 23 33-0003 | LF | Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping | 1.30 | |
| | | *For Up To 5,000 LF, Add* | *0.26* | |
| | | *For >25,000 LF, Deduct* | *-0.20* | |
| | | *For 60 mils Thick, Deduct* | *-0.18* | |
| | | *For 125 mils Thick, Add* | *0.23* | |
| | | *For Broken Line, Deduct* | *-0.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 17 23 33-0004 | LF | Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 1.86 | |
| | | *For Up To 5,000 LF, Add* | *0.37* | |
| | | *For >25,000 LF, Deduct* | *-0.28* | |
| | | *For 60 mils Thick, Deduct* | *-0.27* | |
| | | *For 125 mils Thick, Add* | *0.34* | |
| | | *For Broken Line, Deduct* | *-1.15* | |
| 32 17 23 33-0005 | LF | Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 2.47 | |
| | | *For Up To 5,000 LF, Add* | *0.49* | |
| | | *For >25,000 LF, Deduct* | *-0.37* | |
| | | *For 60 mils Thick, Deduct* | *-0.36* | |
| | | *For 125 mils Thick, Add* | *0.46* | |
| | | *For Broken Line, Deduct* | *-1.53* | |
| 32 17 23 33-0006 | LF | Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 3.60 | |
| | | *For Up To 5,000 LF, Add* | *0.72* | |
| | | *For >25,000 LF, Deduct* | *-0.54* | |
| | | *For 60 mils Thick, Deduct* | *-0.54* | |
| | | *For 125 mils Thick, Add* | *0.69* | |
| | | *For Broken Line, Deduct* | *-2.30* | |
| 32 17 23 33-0007 | LF | Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 2.45 | |
| | | *For Up To 5,000 LF, Add* | *0.49* | |
| | | *For >25,000 LF, Deduct* | *-0.37* | |
| | | *For 60 mils Thick, Deduct* | *-0.36* | |
| | | *For 125 mils Thick, Add* | *0.46* | |
| | | *For Broken Line On One Side, Deduct* | *-0.77* | |
| | | *For Double Broken Line, Deduct* | *-1.53* | |
| 32 17 23 33-0008 | LF | Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 3.60 | |
| | | *For Up To 5,000 LF, Add* | *0.72* | |
| | | *For >25,000 LF, Deduct* | *-0.54* | |
| | | *For 60 mils Thick, Deduct* | *-0.54* | |
| | | *For 125 mils Thick, Add* | *0.69* | |
| | | *For Broken Line On One Side, Deduct* | *-1.15* | |
| | | *For Double Broken Line, Deduct* | *-2.30* | |
| 32 17 23 33-0009 | SF | Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking<br>Note: Includes yellow or white. | 6.78 | |
| | | *For 60 mils Thick, Deduct* | *-0.53* | |
| | | *For 125 mils Thick, Add* | *0.68* | |
| 32 17 23 33-0010 | EA | 6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 4.29 | |
| | | *For Up To 10, Add* | *0.42* | |
| | | *For >50 To 100, Deduct* | *-0.21* | |
| | | *For >100 To 200, Deduct* | *-0.28* | |
| | | *For >200, Deduct* | *-0.56* | |
| | | *For 60 mils Thick, Deduct* | *-0.26* | |
| | | *For 125 mils Thick, Add* | *0.33* | |
| 32 17 23 33-0011 | EA | 12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 9.60 | |
| | | *For Up To 10, Add* | *0.64* | |
| | | *For >50 To 100, Deduct* | *-0.32* | |
| | | *For >100 To 200, Deduct* | *-0.42* | |
| | | *For >200, Deduct* | *-0.85* | |
| | | *For 60 mils Thick, Deduct* | *-0.94* | |
| | | *For 125 mils Thick, Add* | *1.21* | |
| 32 17 23 33-0012 | EA | 24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 16.44 | |
| | | *For Up To 10, Add* | *1.06* | |
| | | *For >50 To 100, Deduct* | *-0.53* | |
| | | *For >100 To 200, Deduct* | *-0.71* | |
| | | *For >200, Deduct* | *-1.41* | |
| | | *For 60 mils Thick, Deduct* | *-1.64* | |
| | | *For 125 mils Thick, Add* | *2.11* | |
| 32 17 23 33-0013 | EA | 36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 30.66 | |
| | | *For Up To 10, Add* | *2.13* | |
| | | *For >50 To 100, Deduct* | *-1.06* | |
| | | *For >100 To 200, Deduct* | *-1.42* | |
| | | *For >200, Deduct* | *-2.83* | |
| | | *For 60 mils Thick, Deduct* | *-2.89* | |
| | | *For 125 mils Thick, Add* | *3.71* | |
| 32 17 23 33-0014 | EA | 48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 37.30 | |
| | | *For Up To 10, Add* | *2.38* | |
| | | *For >50 To 100, Deduct* | *-1.19* | |
| | | *For >100 To 200, Deduct* | *-1.59* | |
| | | *For >200, Deduct* | *-3.17* | |
| | | *For 60 mils Thick, Deduct* | *-3.75* | |
| | | *For 125 mils Thick, Add* | *4.82* | |
| 32 17 23 33-0015 | EA | 72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 67.40 | |
| | | *For Up To 10, Add* | *4.23* | |
| | | *For >50 To 100, Deduct* | *-2.12* | |
| | | *For >100 To 200, Deduct* | *-2.82* | |
| | | *For >200, Deduct* | *-5.65* | |
| | | *For 60 mils Thick, Deduct* | *-6.85* | |
| | | *For 125 mils Thick, Add* | *8.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 17 23 33-0016 | EA | 96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 89.44 | |
| | | *For Up To 10, Add* | *5.69* | |
| | | *For >50 To 100, Deduct* | *-2.84* | |
| | | *For >100 To 200, Deduct* | *-3.79* | |
| | | *For >200, Deduct* | *-7.58* | |
| | | *For 60 mils Thick, Deduct* | *-9.02* | |
| | | *For 125 mils Thick, Add* | *11.60* | |
| 32 17 23 33-0017 | EA | 120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 162.00 | |
| | | *For Up To 10, Add* | *7.04* | |
| | | *For >50 To 100, Deduct* | *-3.52* | |
| | | *For >100 To 200, Deduct* | *-4.70* | |
| | | *For >200, Deduct* | *-9.39* | |
| | | *For 60 mils Thick, Deduct* | *-20.13* | |
| | | *For 125 mils Thick, Add* | *25.88* | |
| 32 17 23 33-0018 | SF | Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 7.95 | |
| | | *For 60 mils Thick, Deduct* | *-0.65* | |
| | | *For 125 mils Thick, Add* | *0.83* | |
| 32 17 23 33-0019 | SY | Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking<br>Note: Per SY of area. | 22.45 | |
| | | *For 60 mils Thick, Deduct* | *-1.20* | |
| | | *For 125 mils Thick, Add* | *1.54* | |
| 32 17 23 33-0020 | EA | Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 204.55 | |
| | | *For 60 mils Thick, Deduct* | *-14.94* | |
| | | *For 125 mils Thick, Add* | *19.20* | |
| 32 17 23 33-0021 | EA | Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 609.44 | |
| | | *For 60 mils Thick, Deduct* | *-45.46* | |
| | | *For 125 mils Thick, Add* | *58.45* | |
| 32 17 23 33-0022 | EA | Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking<br>Note: Approximate overall dimensions: 4' width x 8' height. | 142.51 | |
| | | *For 60 mils Thick, Deduct* | *-20.57* | |
| | | *For 125 mils Thick, Add* | *26.45* | |
| 32 17 23 33-0023 | EA | Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 97.83 | |
| | | *For 60 mils Thick, Deduct* | *-7.14* | |
| | | *For 125 mils Thick, Add* | *9.18* | |
| 32 17 23 33-0024 | SF | Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking<br>Note: Handicap, railroad, diamond, arrows, etc. | 8.89 | |
| | | *For 60 mils Thick, Deduct* | *-0.65* | |
| | | *For 125 mils Thick, Add* | *0.83* | |
| 32 17 23 33-0025 | EA | 10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 124.50 | |
| | | *For 60 mils Thick, Deduct* | *-9.09* | |
| | | *For 125 mils Thick, Add* | *11.69* | |
| 32 17 23 33-0026 | EA | 18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 222.34 | |
| | | *For 60 mils Thick, Deduct* | *-16.24* | |
| | | *For 125 mils Thick, Add* | *20.88* | |
| 32 17 23 33-0027 | EA | 24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 275.70 | |
| | | *For 60 mils Thick, Deduct* | *-20.13* | |
| | | *For 125 mils Thick, Add* | *25.88* | |
| 32 17 23 33-0028 | EA | 24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 400.22 | |
| | | *For 60 mils Thick, Deduct* | *-29.23* | |
| | | *For 125 mils Thick, Add* | *37.58* | |
| 32 17 23 33-0029 | EA | 24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 524.73 | |
| | | *For 60 mils Thick, Deduct* | *-38.32* | |
| | | *For 125 mils Thick, Add* | *49.26* | |
| 32 17 23 33-0030 | EA | 24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 373.53 | |
| | | *For 60 mils Thick, Deduct* | *-27.28* | |
| | | *For 125 mils Thick, Add* | *35.07* | |
| 32 17 23 33-0031 | EA | 24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 649.24 | |
| | | *For 60 mils Thick, Deduct* | *-47.41* | |
| | | *For 125 mils Thick, Add* | *60.95* | |
| 32 17 23 33-0032 | EA | 8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 133.41 | |
| | | *For 60 mils Thick, Deduct* | *-9.74* | |
| | | *For 125 mils Thick, Add* | *12.53* | |
| 32 17 23 33-0033 | EA | 24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 293.48 | |
| | | *For 60 mils Thick, Deduct* | *-21.43* | |
| | | *For 125 mils Thick, Add* | *27.55* | |
| 32 17 23 33-0034 | EA | 18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 373.53 | |
| | | *For 60 mils Thick, Deduct* | *-27.28* | |
| | | *For 125 mils Thick, Add* | *35.07* | |
| 32 17 23 33-0035 | EA | 13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 240.13 | |
| | | *For 60 mils Thick, Deduct* | *-17.54* | |
| | | *For 125 mils Thick, Add* | *22.55* | |
| 32 17 23 33-0036 | EA | 15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 320.18 | |
| | | *For 60 mils Thick, Deduct* | *-23.38* | |
| | | *For 125 mils Thick, Add* | *30.06* | |
| 32 17 23 33-0037 | EA | 5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking | 62.26 | |
| | | *For 60 mils Thick, Deduct* | *-4.55* | |
| | | *For 125 mils Thick, Add* | *5.85* | |

## 32 17 23 33-0038 Thermoplastic Reflective Pavement Striping By Hand For Repairs *(32 17 23 33-0001)*

| | | | | |
|---|---|---|---|---|
| 32 17 23 33-0039 | LF | Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs | 2.34 | |
| | | *For 60 mils Thick, Deduct* | *-0.18* | |
| | | *For 125 mils Thick, Add* | *0.23* | |
| 32 17 23 33-0040 | LF | Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs | 3.03 | |
| | | *For 60 mils Thick, Deduct* | *-0.27* | |
| | | *For 125 mils Thick, Add* | *0.34* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 17 23 33-0041 | LF | Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs | 3.79 | |
| | | *For 60 mils Thick, Deduct* | *-0.36* | |
| | | *For 125 mils Thick, Add* | *0.46* | |
| 32 17 23 33-0042 | LF | Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs | 5.49 | |
| | | *For 60 mils Thick, Deduct* | *-0.54* | |
| | | *For 125 mils Thick, Add* | *0.69* | |
| 32 17 23 33-0043 | LF | Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs | 10.06 | |
| | | *For 60 mils Thick, Deduct* | *-1.07* | |
| | | *For 125 mils Thick, Add* | *1.37* | |

## 32 17 23 33-0044 Preformed, Patterned Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).

| | | | | |
|---|---|---|---|---|
| 32 17 23 33-0045 | LF | Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 2.79 | |
| | | *For Up To 5,000 LF, Add* | *0.56* | |
| | | *For >25,000 LF, Deduct* | *-0.42* | |
| 32 17 23 33-0046 | LF | Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 4.12 | |
| | | *For Up To 5,000 LF, Add* | *0.82* | |
| | | *For >25,000 LF, Deduct* | *-0.62* | |
| 32 17 23 33-0047 | LF | Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 5.48 | |
| | | *For Up To 5,000 LF, Add* | *1.10* | |
| | | *For >25,000 LF, Deduct* | *-0.82* | |
| 32 17 23 33-0048 | LF | Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping<br>Note: Includes yellow or white. | 8.12 | |
| | | *For Up To 5,000 LF, Add* | *1.62* | |
| | | *For >25,000 LF, Deduct* | *-1.22* | |
| 32 17 23 33-0049 | SF | Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape<br>Note: Includes yellow or white. | 21.13 | |
| 32 17 23 33-0050 | EA | 6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 31.57 | |
| | | *For <10, Add* | *0.77* | |
| | | *For >50 To 100, Deduct* | *-0.38* | |
| | | *For >100 To 200, Deduct* | *-0.51* | |
| | | *For >200, Deduct* | *-1.02* | |
| 32 17 23 33-0051 | EA | 12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 56.84 | |
| | | *For <10, Add* | *0.98* | |
| | | *For >50 To 100, Deduct* | *-0.49* | |
| | | *For >100 To 200, Deduct* | *-0.65* | |
| | | *For >200, Deduct* | *-1.30* | |
| 32 17 23 33-0052 | EA | 24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 96.90 | |
| | | *For <10, Add* | *1.93* | |
| | | *For >50 To 100, Deduct* | *-0.96* | |
| | | *For >100 To 200, Deduct* | *-1.29* | |
| | | *For >200, Deduct* | *-2.57* | |
| 32 17 23 33-0053 | EA | 36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 136.81 | |
| | | *For <10, Add* | *3.86* | |
| | | *For >50 To 100, Deduct* | *-1.93* | |
| | | *For >100 To 200, Deduct* | *-2.57* | |
| | | *For >200, Deduct* | *-5.15* | |
| 32 17 23 33-0054 | EA | 48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 160.92 | |
| | | *For <10, Add* | *4.33* | |
| | | *For >50 To 100, Deduct* | *-2.16* | |
| | | *For >100 To 200, Deduct* | *-2.89* | |
| | | *For >200, Deduct* | *-5.77* | |
| 32 17 23 33-0055 | EA | 72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 199.78 | |
| | | *For <10, Add* | *7.70* | |
| | | *For >50 To 100, Deduct* | *-3.85* | |
| | | *For >100 To 200, Deduct* | *-5.13* | |
| | | *For >200, Deduct* | *-10.27* | |
| 32 17 23 33-0056 | EA | 96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 253.21 | |
| | | *For <10, Add* | *10.34* | |
| | | *For >50 To 100, Deduct* | *-5.17* | |
| | | *For >100 To 200, Deduct* | *-6.89* | |
| | | *For >200, Deduct* | *-13.79* | |
| 32 17 23 33-0057 | EA | 120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 317.82 | |
| | | *For <10, Add* | *12.81* | |
| | | *For >50 To 100, Deduct* | *-6.41* | |
| | | *For >100 To 200, Deduct* | *-8.54* | |
| | | *For >200, Deduct* | *-17.08* | |
| 32 17 23 33-0058 | SF | Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape | 21.63 | |
| 32 17 23 33-0059 | SF | Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape<br>Note: Handicap, railroad, diamond symbol, etc. | 22.57 | |

## 32 17 23 33-0060 Preformed, Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*

Note: Heat applied. (Flint PreMark or HotTape Series).

| | | | | |
|---|---|---|---|---|
| 32 17 23 33-0061 | EA | Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 4' width x 8' height. | 273.97 | |
| 32 17 23 33-0062 | EA | Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines. | 727.21 | |
| 32 17 23 33-0063 | EA | Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 3-1/4' width x 13' height. | 142.45 | |
| 32 17 23 33-0064 | EA | 6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 2' width x 6' height. | 119.18 | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 17 23 33-0065 | EA | 9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height. | 236.08 | |
| 32 17 23 33-0066 | EA | 4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 3' width x 4' height. | 139.02 | |
| 32 17 23 33-0067 | EA | 8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 6' width x 8' height. | 263.46 | |
| 32 17 23 33-0068 | EA | Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height. | 453.86 | |
| 32 17 23 33-0069 | EA | Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height. | 686.17 | |
| 32 17 23 33-0070 | EA | Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 1-2/3' width x 12' height. | 242.19 | |
| 32 17 23 33-0071 | EA | Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 3' width x 12' height. | 269.57 | |
| 32 17 23 33-0072 | EA | Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 5-1/2' width x 12' height. | 501.69 | |
| 32 17 23 33-0073 | EA | Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 3-1/2' width x 20' height. | 460.72 | |
| 32 17 23 33-0074 | EA | Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 5-1/2' width x 20' height. | 462.60 | |
| 32 17 23 33-0075 | EA | Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape<br>Note: Approximate overall dimensions: 5-1/2' width x 18' height. | 639.55 | |
| 32 17 23 33-0076 | | Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)* | | |
| 32 17 23 33-0077 | | Thermoplastic Pavement Marking Symbols For Parking Areas *(32 17 23 33-0076)*<br>Note: Heat applied. (Flint PreMark Series). | | |
| 32 17 23 33-0078 | EA | 28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas<br>Note: White or blue symbol. Excludes striping. | 92.30 | |
| 32 17 23 33-0079 | EA | 39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas<br>Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping. | 352.50 | |
| 32 17 23 33-0080 | EA | 40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas<br>Note: White symbol on blue background. Excludes striping. | 198.49 | |
| 32 17 23 33-0081 | EA | 45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas<br>Note: White symbol on blue background. Excludes striping. | 238.80 | |
| 32 17 23 33-0082 | EA | 48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas<br>Note: White symbol on blue background. Excludes striping. | 250.34 | |

### 32 17 26 Tactile Warning Surfaces *(32 17)*

| | | | | |
|---|---|---|---|---|
| 32 17 26 00-0001 | | Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)*<br>Note: Truncated dome, raised strips or directional bars. All colors. | | |
| 32 17 26 00-0002 | SF | Surface Applied VPC Truncated Dome Detectable Warning Surface<br>Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors. | 56.91 | 7.23 |
| 32 17 26 00-0003 | SF | Embedded, VPC Truncated Dome Detectable Warning Surface<br>Note: Also raised strips or directional bars. All colors. | 47.52 | 7.23 |

## 32 18 Athletic and Recreational Surfacing *(32 10)*

### 32 18 16 Synthetic Resilient Surfacing *(32 18)*

#### 32 18 16 13 Playground Protective Surfacing *(32 18 16)*

| | | | | |
|---|---|---|---|---|
| 32 18 16 13-0001 | | Tile Playground Surface Material *(32 18 16 13)*<br>Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base. | | |
| 32 18 16 13-0002 | SF | 1-3/4" Thick, Resilient Rubber Tile Playground Surfacing | 17.58 | 1.90 |
| | | *For Manufacturer's Standard Colors, Add* | *1.07* | |
| | | *For Interlocking Tiles, Add* | *2.38* | |
| | | *For Mechanically Fastened, Add* | *1.54* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0003 | SF | 2" Thick, Resilient Rubber Tile Playground Surfacing | 17.95 | 2.01 |
| | | *For Manufacturer's Standard Colors, Add* | *1.07* | |
| | | *For Interlocking Tiles, Add* | *2.38* | |
| | | *For Mechanically Fastened, Add* | *1.61* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0004 | SF | 2-1/4" Thick, Resilient Rubber Tile Playground Surfacing | 18.66 | 2.24 |
| | | *For Manufacturer's Standard Colors, Add* | *1.07* | |
| | | *For Interlocking Tiles, Add* | *2.38* | |
| | | *For Mechanically Fastened, Add* | *1.75* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0005 | SF | 2-1/2" Thick, Resilient Rubber Tile Playground Surfacing | 19.37 | 2.49 |
| | | *For Manufacturer's Standard Colors, Add* | *1.07* | |
| | | *For Interlocking Tiles, Add* | *2.38* | |
| | | *For Mechanically Fastened, Add* | *1.89* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 18 16 13-0006 | SF | 2-3/4" Thick, Resilient Rubber Tile Playground Surfacing | 21.61 | 2.72 |
| | | *For Manufacturer's Standard Colors, Add* | *0.81* | |
| | | *For Interlocking Tiles, Add* | *2.69* | |
| | | *For Mechanically Fastened, Add* | *2.03* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0007 | SF | 3" Thick, Resilient Rubber Tile Playground Surfacing | 22.40 | 2.98 |
| | | *For Manufacturer's Standard Colors, Add* | *0.81* | |
| | | *For Interlocking Tiles, Add* | *2.69* | |
| | | *For Mechanically Fastened, Add* | *2.19* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0008 | SF | 3-1/4" Thick, Resilient Rubber Tile Playground Surfacing | 23.21 | 3.25 |
| | | *For Manufacturer's Standard Colors, Add* | *0.81* | |
| | | *For Interlocking Tiles, Add* | *2.69* | |
| | | *For Mechanically Fastened, Add* | *2.35* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0009 | SF | 3-1/2" Thick, Resilient Rubber Tile Playground Surfacing | 25.52 | 3.48 |
| | | *For Manufacturer's Standard Colors, Add* | *0.45* | |
| | | *For Interlocking Tiles, Add* | *3.00* | |
| | | *For Mechanically Fastened, Add* | *2.50* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0010 | SF | 3-3/4" Thick, Resilient Rubber Tile Playground Surfacing | 26.23 | 3.76 |
| | | *For Manufacturer's Standard Colors, Add* | *0.45* | |
| | | *For Interlocking Tiles, Add* | *3.00* | |
| | | *For Mechanically Fastened, Add* | *2.65* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0011 | SF | 4" Thick, Resilient Rubber Tile Playground Surfacing | 27.01 | 3.98 |
| | | *For Manufacturer's Standard Colors, Add* | *0.45* | |
| | | *For Interlocking Tiles, Add* | *3.00* | |
| | | *For Mechanically Fastened, Add* | *2.80* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |
| 32 18 16 13-0012 | SF | 4-1/2" Thick, Resilient Rubber Tile Playground Surfacing | 31.08 | 4.48 |
| | | *For Manufacturer's Standard Colors, Add* | *0.44* | |
| | | *For Interlocking Tiles, Add* | *3.52* | |
| | | *For Mechanically Fastened, Add* | *3.10* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add* | *1.50* | |

## 32 18 16 13-0013 Loose Laid Playground Surface Material *(32 18 16 13)*

Note: Excludes sub base.

| | | | | |
|---|---|---|---|---|
| 32 18 16 13-0014 | SF | 3" Loose Laid Wood Fiber Safety Playground Surfacing | 1.65 | 0.28 |
| 32 18 16 13-0015 | SF | 6" Loose Laid Wood Fiber Safety Playground Surfacing | 2.26 | 0.35 |
| 32 18 16 13-0016 | SF | 9" Loose Laid Wood Fiber Safety Playground Surfacing | 2.94 | 0.43 |
| 32 18 16 13-0017 | SF | 12" Loose Laid Wood Fiber Safety Playground Surfacing | 4.14 | 0.64 |
| 32 18 16 13-0018 | SF | 3" Loose Laid Synthetic Fiber Safety Playground Surfacing | 2.96 | 0.28 |
| 32 18 16 13-0019 | SF | 6" Loose Laid Synthetic Fiber Safety Playground Surfacing | 3.65 | 0.35 |
| 32 18 16 13-0020 | SF | 9" Loose Laid Synthetic Fiber Safety Playground Surfacing | 5.92 | 0.43 |
| 32 18 16 13-0021 | SF | 12" Loose Laid Synthetic Fiber Safety Playground Surfacing | 7.19 | 0.64 |
| 32 18 16 13-0022 | SF | 8" FIBAR System Playground Surfacing<br>Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber. | 11.59 | 1.06 |
| 32 18 16 13-0023 | SF | 12" FIBAR System Playground Surfacing<br>Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber. | 14.60 | 1.42 |

## 32 18 16 13-0024 Poured In Place Playground Surfacing *(32 18 16 13)*

Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.

| | | | | |
|---|---|---|---|---|
| 32 18 16 13-0025 | SF | 1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing | 14.54 | 2.33 |
| | | *For Up To 2,000, Add* | *3.09* | |
| | | *For >2,000 To 3,000, Add* | *2.18* | |
| | | *For >3,000 To 4,000, Add* | *1.48* | |
| | | *For >4,000 To 5,000, Add* | *0.94* | |
| | | *For >5,000 To 7,000, Add* | *0.39* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |
| 32 18 16 13-0026 | SF | 2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing | 14.99 | 2.58 |
| | | *For Up To 2,000, Add* | *3.19* | |
| | | *For >2,000 To 3,000, Add* | *2.24* | |
| | | *For >3,000 To 4,000, Add* | *1.52* | |
| | | *For >4,000 To 5,000, Add* | *0.97* | |
| | | *For >5,000 To 7,000, Add* | *0.40* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |
| 32 18 16 13-0027 | SF | 2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing | 16.19 | 2.95 |
| | | *For Up To 2,000, Add* | *3.44* | |
| | | *For >2,000 To 3,000, Add* | *2.42* | |
| | | *For >3,000 To 4,000, Add* | *1.65* | |
| | | *For >4,000 To 5,000, Add* | *1.05* | |
| | | *For >5,000 To 7,000, Add* | *0.43* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 18 16 13-0028 | SF | 3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing | 17.49 | 3.15 |
| | | *For Up To 2,000, Add* | *3.72* | |
| | | *For >2,000 To 3,000, Add* | *2.62* | |
| | | *For >3,000 To 4,000, Add* | *1.78* | |
| | | *For >4,000 To 5,000, Add* | *1.13* | |
| | | *For >5,000 To 7,000, Add* | *0.47* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |
| 32 18 16 13-0029 | SF | 3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing | 18.77 | 3.31 |
| | | *For Up To 2,000, Add* | *3.99* | |
| | | *For >2,000 To 3,000, Add* | *2.81* | |
| | | *For >3,000 To 4,000, Add* | *1.91* | |
| | | *For >4,000 To 5,000, Add* | *1.22* | |
| | | *For >5,000 To 7,000, Add* | *0.50* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |
| 32 18 16 13-0030 | SF | 4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing | 19.87 | 3.50 |
| | | *For Up To 2,000, Add* | *4.22* | |
| | | *For >2,000 To 3,000, Add* | *2.97* | |
| | | *For >3,000 To 4,000, Add* | *2.02* | |
| | | *For >4,000 To 5,000, Add* | *1.29* | |
| | | *For >5,000 To 7,000, Add* | *0.53* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |
| 32 18 16 13-0031 | SF | 4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing | 21.16 | 3.69 |
| | | *For Up To 2,000, Add* | *4.50* | |
| | | *For >2,000 To 3,000, Add* | *3.16* | |
| | | *For >3,000 To 4,000, Add* | *2.15* | |
| | | *For >4,000 To 5,000, Add* | *1.37* | |
| | | *For >5,000 To 7,000, Add* | *0.57* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |
| 32 18 16 13-0032 | SF | 5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing | 23.74 | 4.14 |
| | | *For Up To 2,000, Add* | *5.05* | |
| | | *For >2,000 To 3,000, Add* | *3.55* | |
| | | *For >3,000 To 4,000, Add* | *2.41* | |
| | | *For >4,000 To 5,000, Add* | *1.54* | |
| | | *For >5,000 To 7,000, Add* | *0.64* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |
| 32 18 16 13-0033 | SF | 1/2" Top Only, Poured In Place Playground Surfacing<br>Note: Not used with new surfacing system tasks. | 9.50 | |
| | | *For Up To 2,000, Add* | *3.06* | |
| | | *For >2,000 To 3,000, Add* | *1.98* | |
| | | *For >3,000 To 4,000, Add* | *1.20* | |
| | | *For >4,000 To 5,000, Add* | *0.73* | |
| | | *For >5,000 To 7,000, Add* | *0.33* | |
| | | *For Aliphatic (Non Yellowing) Binder, Add* | *3.73* | |
| | | *For Each 10% Of Area In Black Instead Of Color, Deduct* | *-0.52* | |
| 32 18 16 13-0034 | EA | Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing | 2,297.34 | |

### 32 18 16 13-0035 Synthetic Playground Turf (Sporturf) *(32 18 16 13)*

Note: Excludes base preparation, aggregate, or drainage.

| | | | | |
|---|---|---|---|---|
| 32 18 16 13-0036 | SF | 60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929) | 8.98 | |
| 32 18 16 13-0037 | SF | 71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906) | 7.88 | |
| 32 18 16 13-0038 | SF | 2" Foam Padding (Sporturf) | 5.06 | |
| 32 18 16 13-0039 | CF | Sand/Ruber Infill (Sporturf) | 43.45 | |

## 32 18 23 Athletic Surfacing *(32 18)*

### 32 18 23 29 Synthetic Field Sport Surfacing *(32 18 23)*

### 32 18 23 29-0001 Synthetic Field Sport Surfacing *(32 18 23 29)*

### 32 18 23 29-0002 Synthetic Turf (AstroTurf) *(32 18 23 29-0001)*

Note: Includes labor, equipment and material required to install the task.

### 32 18 23 29-0003 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) *(32 18 23 29-0002)*

### 32 18 23 29-0004 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) *(32 18 23 29-0003)*

| | | | | |
|---|---|---|---|---|
| 32 18 23 29-0005 | SF | 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38) | 7.03 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.26* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.31* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.36* | |
| 32 18 23 29-0006 | EA | Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields | 23,909.47 | |
| 32 18 23 29-0007 | EA | Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields | 19,488.47 | |
| 32 18 23 29-0008 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields<br>Note: Per sport. | 5,864.59 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 18 23 29-0009 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields<br>Note: Per letter. Excludes outline. | 2,165.39 | |
| 32 18 23 29-0010 | EA | Colored Endzone For AstroTurf® GameDay Grass™ MT 38 Fields<br>Note: Per endzone. | 2,075.16 | |
| 32 18 23 29-0011 | EA | Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields<br>Note: Block letter. | 18,044.88 | |
| 32 18 23 29-0012 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields<br>Note: Graphic. | 26,165.08 | |

### 32 18 23 29-0013 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) *(32 18 23 29-0003)*

| | | | | |
|---|---|---|---|---|
| 32 18 23 29-0014 | SF | 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41) | 8.11 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.26* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.31* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.36* | |
| 32 18 23 29-0015 | EA | Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields | 24,360.73 | |
| 32 18 23 29-0016 | EA | Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields | 20,210.39 | |
| 32 18 23 29-0017 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields<br>Note: Per sport. | 6,315.75 | |
| 32 18 23 29-0018 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields<br>Note: Per letter. Excludes outline. | 2,345.85 | |
| 32 18 23 29-0019 | EA | Colored Endzone For AstroTurf® GameDay Grass™ MT 41 Fields<br>Note: Per endzone. | 2,165.40 | |
| 32 18 23 29-0020 | EA | Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields<br>Note: Block letter. | 18,947.24 | |
| 32 18 23 29-0021 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields<br>Note: Graphic. | 27,473.49 | |

### 32 18 23 29-0022 45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) *(32 18 23 29-0003)*

| | | | | |
|---|---|---|---|---|
| 32 18 23 29-0023 | SF | 45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45) | 8.27 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.26* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.31* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.36* | |
| 32 18 23 29-0024 | EA | Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields | 24,811.86 | |
| 32 18 23 29-0025 | EA | Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields | 21,834.44 | |
| 32 18 23 29-0026 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields<br>Note: Per sport. | 6,766.87 | |
| 32 18 23 29-0027 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields<br>Note: Per letter. Excludes outline. | 2,526.30 | |
| 32 18 23 29-0028 | EA | Colored Endzone For AstroTurf® GameDay Grass™ MT 45 Fields<br>Note: Per endzone. | 2,255.62 | |
| 32 18 23 29-0029 | EA | Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields<br>Note: Block letter. | 19,849.49 | |
| 32 18 23 29-0030 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields<br>Note: Graphic. | 28,781.76 | |

### 32 18 23 29-0031 Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) *(32 18 23 29-0002)*

### 32 18 23 29-0032 52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) *(32 18 23 29-0031)*

| | | | | |
|---|---|---|---|---|
| 32 18 23 29-0033 | SF | 52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52) | 9.29 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.20* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.25* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.30* | |
| 32 18 23 29-0034 | EA | Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields | 25,713.95 | |
| 32 18 23 29-0035 | EA | Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields | 27,428.22 | |
| 32 18 23 29-0036 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields<br>Note: Per sport. | 7,669.07 | |
| 32 18 23 29-0037 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields<br>Note: Per letter. Excludes outline. | 2,887.18 | |
| 32 18 23 29-0038 | EA | Colored Endzone For AstroTurf® GameDay Grass™ 3DX 52 Fields<br>Note: Per endzone. | 2,436.06 | |
| 32 18 23 29-0039 | EA | Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields<br>Note: Block letter. | 21,653.86 | |
| 32 18 23 29-0040 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields<br>Note: Graphic. | 31,398.09 | |

### 32 18 23 29-0041 60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) *(32 18 23 29-0031)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 18 23 29-0042 | SF | 60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60) | 9.62 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.20* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.25* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.30* | |
| 32 18 23 29-0043 | EA | Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields | 26,165.08 | |
| 32 18 23 29-0044 | EA | Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields | 30,495.85 | |
| 32 18 23 29-0045 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields<br>Note: Per sport. | 8,120.20 | |
| 32 18 23 29-0046 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields<br>Note: Per letter. Excludes outline. | 3,067.63 | |
| 32 18 23 29-0047 | EA | Colored Endzone For AstroTurf® GameDay Grass™ 3DX 60 Fields<br>Note: Per endzone. | 2,526.28 | |
| 32 18 23 29-0048 | EA | Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields<br>Note: Block letter. | 22,556.10 | |
| 32 18 23 29-0049 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields<br>Note: Graphic. | 32,706.34 | |
| 32 18 23 29-0050 | | 52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) *(32 18 23 29-0031)* | | |
| 32 18 23 29-0051 | SF | 52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52) | 9.64 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.20* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.25* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.30* | |
| 32 18 23 29-0052 | EA | Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields | 26,616.20 | |
| 32 18 23 29-0053 | EA | Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields | 30,676.30 | |
| 32 18 23 29-0054 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields<br>Note: Per sport. | 8,571.32 | |
| 32 18 23 29-0055 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields<br>Note: Per letter. Excludes outline. | 3,248.08 | |
| 32 18 23 29-0056 | EA | Colored Endzone For AstroTurf® GameDay Grass™ 3D 52 Fields<br>Note: Per endzone. | 2,616.51 | |
| 32 18 23 29-0057 | EA | Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields<br>Note: Block letter. | 23,458.34 | |
| 32 18 23 29-0058 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields<br>Note: Graphic. | 34,014.60 | |
| 32 18 23 29-0059 | | 60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) *(32 18 23 29-0031)* | | |
| 32 18 23 29-0060 | SF | 60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60) | 9.83 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.20* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.25* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.30* | |
| 32 18 23 29-0061 | EA | Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields | 27,067.32 | |
| 32 18 23 29-0062 | EA | Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields | 32,661.23 | |
| 32 18 23 29-0063 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields<br>Note: Per sport. | 9,022.44 | |
| 32 18 23 29-0064 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields<br>Note: Per letter. Excludes outline. | 3,608.98 | |
| 32 18 23 29-0065 | EA | Colored Endzone For AstroTurf® GameDay Grass™ 3D 60 Fields<br>Note: Per endzone. | 2,706.73 | |
| 32 18 23 29-0066 | EA | Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields<br>Note: Block letter. | 24,360.59 | |
| 32 18 23 29-0067 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields<br>Note: Graphic. | 35,322.85 | |
| 32 18 23 29-0068 | | Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) *(32 18 23 29-0002)* | | |
| 32 18 23 29-0069 | | 38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) *(32 18 23 29-0068)* | | |
| 32 18 23 29-0070 | SF | 38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38) | 7.78 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.26* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.31* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.36* | |
| 32 18 23 29-0071 | EA | Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields | 23,007.36 | |
| 32 18 23 29-0072 | EA | Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields | 16,962.29 | |
| 32 18 23 29-0073 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields<br>Note: Per sport. | 4,962.37 | |
| 32 18 23 29-0074 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields<br>Note: Per letter. Excludes outline. | 1,804.50 | |
| 32 18 23 29-0075 | EA | Colored Endzone For AstroTurf® GameDay Grass™ XPe 38 Fields<br>Note: Per endzone. | 1,894.72 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 18 23 29-0076 | EA | Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields<br>Note: Block letter. | 16,240.49 | |
| 32 18 23 29-0077 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields<br>Note: Graphic. | 23,548.71 | |

## 32 18 23 29-0078 42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) *(32 18 23 29-0068)*

| | | | | |
|---|---|---|---|---|
| 32 18 23 29-0079 | SF | 42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42) | 6.80 | |
| | | *For Ambient Rubber And Sand Infill, Add* | *0.10* | |
| | | *For Cryo Rubber Infill, Add* | *0.26* | |
| | | *For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add* | *0.31* | |
| | | *For Cryo Rubber And Sand Infill, Add* | *0.36* | |
| 32 18 23 29-0080 | EA | Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields | 23,458.34 | |
| 32 18 23 29-0081 | EA | Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields | 18,044.88 | |
| 32 18 23 29-0082 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields<br>Note: Per sport. | 5,413.46 | |
| 32 18 23 29-0083 | EA | Endzone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields<br>Note: Per letter. Excludes outline. | 1,984.94 | |
| 32 18 23 29-0084 | EA | Colored Endzone For AstroTurf® GameDay Grass™ XPe 42 Fields<br>Note: Per endzone. | 1,984.94 | |
| 32 18 23 29-0085 | EA | Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields<br>Note: Block letter. | 17,142.64 | |
| 32 18 23 29-0086 | EA | Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields<br>Note: Graphic. | 24,856.82 | |

## 32 18 23 29-0087 Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) *(32 18 23 29-0002)*

| | | | | |
|---|---|---|---|---|
| 32 18 23 29-0088 | SF | Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) | 15.61 | |
| 32 18 23 29-0089 | SF | Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®) | 13.95 | |
| 32 18 23 29-0090 | EA | Football Markings For AstroTurf® PureGrass® Fields | 44,519.86 | |
| 32 18 23 29-0091 | EA | Baseball Markings For AstroTurf® PureGrass® Fields | 52,891.11 | |
| 32 18 23 29-0092 | EA | Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields<br>Note: Per sport. | 12,937.39 | |
| 32 18 23 29-0093 | EA | Endzone Lettering For AstroTurf® PureGrass® Fields<br>Note: Per letter. Excludes outline. | 4,946.65 | |
| 32 18 23 29-0094 | EA | Colored Endzone For AstroTurf® PureGrass® Fields<br>Note: Per endzone. | 3,671.74 | |
| 32 18 23 29-0095 | EA | Simple Logo For AstroTurf® PureGrass® Fields<br>Note: Block letter. | 33,045.67 | |
| 32 18 23 29-0096 | EA | Deluxe Logo For AstroTurf® PureGrass® Fields<br>Note: Graphic. | 48,515.23 | |

## 32 18 23 29-0097 Synthetic Turf (G9 Turf) *(32 18 23 29-0001)*

Note: Includes labor, equipment and material required to install the task.

| | | | | |
|---|---|---|---|---|
| 32 18 23 29-0098 | SF | 2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf)<br>Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos. | 8.49 | |
| | | *For >35,000, Deduct* | *-0.75* | |
| 32 18 23 29-0099 | SF | 2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf)<br>Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos. | 8.41 | |
| | | *For >35,000, Deduct* | *-0.74* | |
| 32 18 23 29-0100 | SF | 1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf)<br>Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos. | 8.80 | |
| 32 18 23 29-0101 | EA | Football Inlays For G9 Synthetic Turf<br>Note: Includes field grid, numbers, arrows, coach's box and kick off lines. | 61,546.72 | |
| 32 18 23 29-0102 | EA | Soccer Inlays For G9 Synthetic Turf | 26,670.24 | |
| 32 18 23 29-0103 | EA | Boys Lacrosse Inlays For G9 Synthetic Turf | 26,670.24 | |
| 32 18 23 29-0104 | EA | Girls Lacrosse Inlays For G9 Synthetic Turf | 26,670.24 | |
| 32 18 23 29-0105 | EA | Field Hockey Inlays For G9 Synthetic Turf | 26,670.24 | |
| 32 18 23 29-0106 | EA | Endzone Lettering For G9 Synthetic Turf<br>Note: Priced per letter. Includes single color outlining. | 3,077.34 | |
| 32 18 23 29-0107 | SF | Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf | 2.88 | |
| 32 18 23 29-0108 | SF | Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf | 7.52 | |
| 32 18 23 29-0109 | SF | Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf | 2.15 | |
| 32 18 23 29-0110 | SF | Sand Infill For G9 Synthetic Turf | 1.08 | |
| 32 18 23 29-0111 | SF | Acrylic Coated Sand Infill For G9 Synthetic Turf | 1.78 | |
| 32 18 23 29-0112 | EA | Gmax Compaction And Hardness Test For G9 Synthetic Turf<br>Note: Includes a comprehensive report. | 2,051.56 | |
| 32 18 23 29-0113 | EA | Safety Bridge Over Track For G9 Synthetic Turf | 20,515.57 | |
| 32 18 23 29-0114 | SF | Clean And Groom Synthetic Turf<br>Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc. | 0.67 | |
| | | *For >10,000 To 30,000, Deduct* | *-0.27* | |
| | | *For >30,000 To 60,000, Deduct* | *-0.47* | |
| | | *For >60,000, Deduct* | *-0.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 18 23 29-0115 | SF | Rejuvenate Synthetic Turf And Reinstall Existing Infill<br>Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed. | 4.60 | |
| 32 18 23 29-0116 | SF | Rejuvenate Synthetic Turf For Installation Of New Infill<br>Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill. | 5.11 | |
| 32 18 23 29-0117 | SF | Drainage Layer For G9 Synthetic Turf<br>Note: Used for drainage over asphalt or on roof tops. | 4.19 | |
| 32 18 23 29-0118 | SF | 15 mm, Shock Pad For G9 Synthetic Turf<br>Note: Used for additional Gmax for a stone base field. | 2.58 | |
| 32 18 23 29-0119 | EA | Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf<br>Note: Includes field inspection and report. | 4,088.60 | |
| 32 18 23 29-0120 | LF | Repair Inlay Lines Or Seams On G9 Synthetic Turf.<br>Note: Linear foot price for repairs over the initial repair call maximum of 300 LF. | 11.24 | |
| 32 18 23 29-0121 | LF | Nailer Used To Attach G9 Synthetic Turf | 4.50 | |
| 32 18 23 29-0122 | SF | Removal And Recycling Of Existing Field<br>Note: Includes removal, shipping and recycling of infill, fibers and backing. | 3.17 | |

## 32 18 23 33 Running Track Surfacing *(32 18 23)*

### 32 18 23 33-0001 Running Track Surfacing *(32 18 23 33)*

| | | | | |
|---|---|---|---|---|
| 32 18 23 33-0002 | SY | 2-1/2" Asphaltic Concrete Running Track Surfacing | 28.60 | |

### 32 18 23 33-0003 Running Track Seal And Colored Surfaces *(32 18 23 33)*

| | | | | |
|---|---|---|---|---|
| 32 18 23 33-0004 | SY | 1 Seal Coat, Striping Of Track<br>Note: Includes certification. | 12.74 | |

## 32 18 23 39 Synthetic Running Track Surfacing *(32 18 23)*

### 32 18 23 39-0001 Synthetic Running Track Surfacing (XPLODE™) And Striping *(32 18 23 39)*

Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.

| | | | | |
|---|---|---|---|---|
| 32 18 23 39-0002 | SY | Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing (XPLODE™ M100) | 64.33 | 5.72 |
| | | *For Up To 4,000, Add* | *22.52* | |
| | | *For >5,500, Deduct* | *-7.08* | |
| 32 18 23 39-0003 | SY | Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing (XPLODE™ MS200) | 86.34 | 5.72 |
| | | *For Up To 4,000, Add* | *30.22* | |
| | | *For >5,500, Deduct* | *-9.50* | |
| | | *For Custom Color Upgrade, Add* | *8.20* | |
| | | *For Aliphatic Top Coating, Add* | *15.54* | |
| 32 18 23 39-0004 | SY | Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing (XPLODE™ MSX500) | 145.10 | 5.72 |
| | | *For Up To 4,000, Add* | *50.79* | |
| | | *For >5,500, Deduct* | *-8.71* | |
| | | *For Custom Color Upgrade, Add* | *11.17* | |
| | | *For Aliphatic Top Coating, Add* | *20.75* | |
| 32 18 23 39-0005 | SY | Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing (XPLODE™ MSX5000) | 187.43 | 5.72 |
| | | *For Up To 4,000, Add* | *65.60* | |
| | | *For >5,500, Deduct* | *-11.25* | |
| | | *For Custom Color Upgrade, Add* | *14.62* | |
| | | *For Aliphatic Top Coating, Add* | *21.37* | |
| 32 18 23 39-0006 | SY | Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Lightning) | 58.61 | |
| | | *For Up To 4,000, Add* | *20.51* | |
| | | *For >5,500, Deduct* | *-6.45* | |
| 32 18 23 39-0007 | SY | Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Accelerator) | 65.96 | |
| | | *For Up To 4,000, Add* | *23.09* | |
| | | *For >5,500, Deduct* | *-9.56* | |
| 32 18 23 39-0008 | SY | Spray Retop XPLODE™ M100/MS200 Running Tracks | 57.94 | |
| | | *For Up To 4,000, Add* | *20.28* | |
| | | *For >5,500, Deduct* | *-5.67* | |
| 32 18 23 39-0009 | SY | Sandwich Retop XPLODE™ MSX500 Running Tracks | 112.15 | |
| | | *For Up To 4,000, Add* | *39.25* | |
| | | *For >5,500, Deduct* | *-11.82* | |
| 32 18 23 39-0010 | SY | Retop XPLODE™ Plexitrac® Lightning Running Tracks<br>Note: Two layers. | 32.62 | |
| | | *For Up To 4,000, Add* | *11.42* | |
| | | *For >5,500, Deduct* | *-5.40* | |
| 32 18 23 39-0011 | SY | Retop XPLODE™ Plexitrac® Accelerator Running Tracks<br>Note: Two layers. | 39.72 | |
| | | *For Up To 4,000, Add* | *13.90* | |
| | | *For >5,500, Deduct* | *-5.39* | |
| 32 18 23 39-0012 | EA | Restripe XPLODE™ Running Track<br>Note: Includes two coats of acrylic resurfacer and two coats of color. | 13,484.62 | |
| | | *For College Track Restriping, Add* | *2,451.75* | |

## 32 18 23 53 Tennis Court Surfacing *(32 18 23)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 18 23 53-0001 | | Tennis Court Surfacing *(32 18 23 53)* | | |
| | | See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing. | | |
| 32 18 23 53-0002 | SY | Tennis Court Bituminous Pavement, 2-1/2" Thick | 31.00 | |
| 32 18 23 53-0003 | | Tennis Court Markings *(32 18 23 53)* | | |
| 32 18 23 53-0004 | EA | Paint Markings On Asphalt Tennis Court 2 Coats | 356.52 | |
| **32 18 23 56** | | **Natural Tennis Court Surfacing** ***(32 18 23)*** | | |
| 32 18 23 56-0001 | SY | Clay Tennis Court | 42.69 | |
| 32 18 23 56-0002 | SY | Tennis Court, Pulverized Natural Greenstone, Fast Dry | 47.52 | |
| | | Note: Includes 4" base. | | |
| 32 18 23 56-0003 | SY | Tennis Court, Rubber-Cork Base Resilient Pavement | 17.94 | |
| 32 18 23 56-0004 | SY | Resurface Clay Tennis Court | 12.25 | |
| 32 18 23 56-0005 | SY | Resurface Tennis Court, Pulverized Natural Greenstone | 10.35 | |
| 32 18 23 56-0006 | SY | Resurface Tennis Court, Resilient Pavement | 7.43 | |
| **32 18 23 61** | | **Multi-Use, Tennis Court, Basketball Court Athletic Surfacing** ***(32 18 23)*** | | |
| 32 18 23 61-0001 | | 100% Acrylic Athletic Surfacing System (Plexipave®) *(32 18 23 61)* | | |
| | | Note: Excludes asphalt or concrete sub base and repairs of sub base. | | |
| 32 18 23 61-0002 | | Surface Preparation For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)* | | |
| 32 18 23 61-0003 | SY | 100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat | 1.42 | |
| | | Note: Includes ultra fine silica sand. Applied with rubber squeegee. | | |
| 32 18 23 61-0004 | SY | Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat | 0.81 | |
| | | Note: For previously uncoated portland cement concrete. Applied with broom. | | |
| 32 18 23 61-0005 | SY | Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat | 2.12 | |
| | | Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller. | | |
| 32 18 23 61-0006 | SY | Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat | 89.22 | |
| | | Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed. | | |
| 32 18 23 61-0007 | | Surface Coatings For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)* | | |
| | | Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray. | | |
| 32 18 23 61-0008 | SY | 100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat | 3.43 | |
| | | Note: Includes ultra fine silica sand. Applied with rubber squeegee. | | |
| | | *For Pacific Blue, Add* | *0.22* | |
| | | *For US Open Blue, Add* | *0.76* | |
| 32 18 23 61-0009 | SY | 100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat | 2.70 | |
| | | Note: Includes ultra fine silica sand. Applied with rubber squeegee. | | |
| | | *For Pacific Blue, Add* | *0.16* | |
| | | *For US Open Blue, Add* | *0.54* | |
| 32 18 23 61-0010 | SY | 100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat | 2.29 | |
| | | Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee. | | |
| | | *For Pacific Blue, Add* | *0.12* | |
| | | *For US Open Blue, Add* | *0.42* | |
| 32 18 23 61-0011 | SY | Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat | 2.45 | |
| | | Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom. | | |
| | | *For Pacific Blue, Add* | *0.07* | |
| | | *For US Open Or Australian Open Blue, Add* | *0.49* | |
| | | *For Pro Purple, Add* | *1.28* | |
| 32 18 23 61-0012 | | Line Striping For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)* | | |
| 32 18 23 61-0013 | SY | Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®) | 1.26 | |
| | | Note: Textured or non-textured highly reflective line marking paint. | | |
| 32 18 23 61-0014 | | Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®) *(32 18 23 61-0001)* | | |
| 32 18 23 61-0015 | SY | Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat | 5.96 | |
| | | Note: Applied with rubber squeegee. | | |
| 32 18 23 61-0016 | SY | Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat | 8.34 | |
| | | Note: Applied with rubber squeegee. | | |
| 32 18 23 61-0017 | SY | Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat | 7.10 | |
| | | Note: Price per coat for third or additional coats. Applied with rubber squeegee. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 18 23 61-0018 | SY | Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat | 5.18 | |
| | | Note: Applied with rubber squeegee. | | |
| 32 18 23 61-0019 | SY | Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat | 3.81 | |
| | | Note: Price per coat for second or additional coats. Applied with rubber squeegee. | | |
| 32 18 23 61-0020 | | Resurface Athletic Court *(32 18 23 61)* | | |
| | | Note: Excludes asphalt or concrete sub base and repairs of sub base. | | |
| 32 18 23 61-0021 | SY | Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster) | 2.22 | |

# 32 30 Site Improvements *(32)*

## 32 31 Fences and Gates *(32 30)*

### 32 31 11 Gate Operators *(32 31)*

| | | | | |
|---|---|---|---|---|
| 32 31 11 00-0001 | | Gate Operators *(32 31 11)* | | |
| | | Note: Excludes gates, electrical connections, access controls and concrete foundation. | | |
| 32 31 11 00-0002 | | Swing Gate Actuator (DKS™ DoorKing®) *(32 31 11 00-0001)* | | |
| 32 31 11 00-0003 | | Single Gate, Swing Gate Actuator *(32 31 11 00-0002)* | | |
| 32 31 11 00-0004 | EA | Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) | 1,456.99 | 171.99 |
| | | Note: Includes one primary operator with a 10' wide gate capacity. | | |
| 32 31 11 00-0005 | EA | Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) | 1,939.29 | 171.99 |
| | | Note: Includes one primary operator with a 14' wide gate capacity. | | |
| 32 31 11 00-0006 | | Dual Gate, Swing Gate Actuator *(32 31 11 00-0002)* | | |
| 32 31 11 00-0007 | EA | Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) | 2,913.98 | 343.98 |
| | | Note: Includes one primary and one secondary operator each with a 10' wide gate capacity. | | |
| 32 31 11 00-0008 | EA | Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) | 3,878.58 | 343.98 |
| | | Note: Includes one primary and one secondary operator each with a 14' wide gate capacity. | | |
| 32 31 11 00-0009 | | Swing Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)* | | |
| 32 31 11 00-0010 | | Single Gate, Swing Gate Operators *(32 31 11 00-0009)* | | |
| 32 31 11 00-0011 | EA | 400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050) | 2,965.73 | 171.99 |
| | | Note: Includes one primary operator with a 10' wide and 400 LB gate capacity. | | |
| 32 31 11 00-0012 | EA | 500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100) | 3,225.43 | 171.99 |
| | | Note: Includes one primary operator with a 14' wide and 500 LB gate capacity. | | |
| 32 31 11 00-0013 | EA | 700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) | 4,375.54 | 171.99 |
| | | Note: Includes one primary operator with an 18' wide and 700 LB gate capacity. | | |
| | | *For 208/230/460 Volt AC, Add* | *322.50* | |
| 32 31 11 00-0014 | EA | 800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) | 4,956.78 | 171.99 |
| | | Note: Includes one primary operator with a 22' wide and 800 LB gate capacity. | | |
| | | *For 208/230/460 Volt AC, Add* | *322.50* | |
| 32 31 11 00-0015 | | Dual Gate, Swing Gate Operators *(32 31 11 00-0009)* | | |
| 32 31 11 00-0016 | EA | 400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050) | 5,251.29 | 343.98 |
| | | Note: Includes one primary and one secondary operator each with a 10' wide and 400 LB gate capacity. | | |
| 32 31 11 00-0017 | EA | 500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100) | 5,770.69 | 343.98 |
| | | Note: Includes one primary and one secondary operator each with a 14' wide and 500 LB gate capacity. | | |
| 32 31 11 00-0018 | EA | 700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) | 8,058.54 | 343.98 |
| | | Note: Includes one primary and one secondary operator each with an 18' wide and 700 LB gate capacity. | | |
| | | *For 208/230/460 Volt AC, Add* | *322.50* | |
| 32 31 11 00-0019 | EA | 800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) | 9,332.32 | 343.98 |
| | | Note: Includes one primary and one secondary operator each with a 22' wide and 800 LB gate capacity. | | |
| | | *For 208/230/460 Volt AC, Add* | *322.50* | |
| 32 31 11 00-0020 | | Sliding Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)* | | |
| | | Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'. | | |
| 32 31 11 00-0021 | EA | 300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050) | 1,924.76 | 171.99 |
| | | Note: Includes operator, chain brackets, hardware and 20' of #41 chain. | | |
| 32 31 11 00-0022 | EA | 1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100) | 2,712.10 | 206.38 |
| | | Note: Includes operator, chain brackets, hardware and 20' of #41 chain. | | |
| 32 31 11 00-0023 | EA | 1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150) | 3,382.74 | 206.38 |
| | | Note: Includes operator, chain brackets, hardware and 20' of #40 chain. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 11 00-0024 | EA | 3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210) | 4,433.53 | 240.78 |
| | | Note: Includes operator, chain brackets, hardware and 20' of #50 chain. | | |
| 32 31 11 00-0025 | EA | 2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220) | 5,468.22 | 240.78 |
| | | Note: Includes operator, chain brackets, hardware and 20' of #50 chain. | | |
| 32 31 11 00-0026 | EA | 5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230) | 7,491.44 | 275.19 |
| | | Note: Includes operator, chain brackets, hardware and 20' of #60 chain. | | |
| 32 31 11 00-0027 | EA | 5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530) | 12,621.80 | 275.19 |
| | | Note: Includes operator, chain brackets, hardware and 20' of #60 chain. | | |
| 32 31 11 00-0028 | EA | 10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550) | 21,485.49 | 309.59 |
| | | Note: Includes operator, chain brackets, hardware and 20' of #60 chain. | | |

### 32 31 11 00-0029 Accessories For Gate Actuators And Operators (DKS™ DoorKing®) *(32 31 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 31 11 00-0030 | EA | Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410) | 487.50 | |
| 32 31 11 00-0031 | EA | Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409) | 949.03 | |
| 32 31 11 00-0032 | EA | Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601) | 632.26 | |
| 32 31 11 00-0033 | EA | Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031) | 688.68 | |
| 32 31 11 00-0034 | EA | Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020) | 614.48 | |
| 32 31 11 00-0035 | EA | Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310) | 435.16 | |
| 32 31 11 00-0036 | LF | #40 Chain For Sliding Gate Operators | 6.17 | |
| 32 31 11 00-0037 | LF | #41 Chain For Sliding Gate Operators | 6.46 | |
| 32 31 11 00-0038 | LF | #50 Chain For Sliding Gate Operators | 8.32 | |
| 32 31 11 00-0039 | LF | #60 Chain For Sliding Gate Operators | 12.92 | |
| 32 31 11 00-0040 | EA | Exterior Keypad Gate Operator (Linear AK-11) | 644.78 | 137.74 |

### 32 31 11 00-0041 Sliding Gate Operator (LiftMaster) *(32 31 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 31 11 00-0042 | EA | Up To 1,500 LB Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U) | 2,520.68 | 206.38 |
| | | Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL). | | |
| | | *For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add* | *174.40* | |
| | | *For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add* | *124.84* | |
| | | *For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add* | *61.48* | |
| | | *For 10 Watt Solar Panel (Liftmaster SP10W12V), Add* | *247.11* | |
| | | *For Each Additional 10' Chain, Add* | *37.01* | |

## 32 31 13 Chain Link Fences and Gates *(32 31)*

### 32 31 13 13 Chain Link Fences and Gates *(32 31 13)*

### 32 31 13 13-0001 Post Holes *(32 31 13 13)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0025 for core drilling in concrete, 02 41 19 13-0163 for core drilling in asphalt.

### 32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil *(32 31 13 13-0001)*

| | | | |
|---|---|---|---|
| 32 31 13 13-0003 | VLF | Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 8.35 |
| 32 31 13 13-0004 | VLF | 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 9.40 |
| 32 31 13 13-0005 | VLF | 3" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 11.13 |
| 32 31 13 13-0006 | VLF | 4" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 12.53 |
| 32 31 13 13-0007 | VLF | 6" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 13.67 |
| 32 31 13 13-0008 | VLF | 8" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 15.03 |
| 32 31 13 13-0009 | VLF | 10" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 16.70 |
| 32 31 13 13-0010 | VLF | 12" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 18.79 |
| 32 31 13 13-0011 | VLF | 18" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 21.47 |
| 32 31 13 13-0012 | VLF | 24" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 25.05 |
| 32 31 13 13-0013 | VLF | 30" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 30.06 |
| 32 31 13 13-0014 | VLF | 36" Diameter Hole, Auger By Machine Fence Post Hole In Soil | 37.58 |

### 32 31 13 13-0015 Post Hole In Rock *(32 31 13 13-0001)*

| | | | |
|---|---|---|---|
| 32 31 13 13-0016 | CF | Jackhammer Post Hole In Rock | 59.04 |
| 32 31 13 13-0017 | CF | Rock Drill Post Hole In Rock | 18.36 |

### 32 31 13 13-0018 Fill For Post Holes *(32 31 13 13-0001)*

See CSI section 03 21 00 00-0000 for reinforcing bars.

### 32 31 13 13-0019 Concrete Fill For Post Holes *(32 31 13 13-0018)*

| | | | |
|---|---|---|---|
| 32 31 13 13-0020 | VLF | Up To 2-1/2" Diameter, Concrete Fill For Post Hole | 4.89 |
| 32 31 13 13-0021 | VLF | 2-1/2" Diameter, Concrete Fill For Post Hole | 6.28 |
| 32 31 13 13-0022 | VLF | 3" Diameter, Concrete Fill For Post Hole | 6.95 |
| 32 31 13 13-0023 | VLF | 4" Diameter, Concrete Fill For Post Hole | 8.08 |
| 32 31 13 13-0024 | VLF | 6" Diameter, Concrete Fill For Post Hole | 11.46 |
| 32 31 13 13-0025 | VLF | 8" Diameter, Concrete Fill For Post Hole | 15.30 |
| 32 31 13 13-0026 | VLF | 10" Diameter, Concrete Fill For Post Hole | 18.75 |
| 32 31 13 13-0027 | VLF | 12" Diameter, Concrete Fill For Post Hole | 21.92 |
| 32 31 13 13-0028 | VLF | 18" Diameter, Concrete Fill For Post Hole | 30.15 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0029 | VLF | 24" Diameter, Concrete Fill For Post Hole | 37.69 | |
| 32 31 13 13-0030 | VLF | 30" Diameter, Concrete Fill For Post Hole | 45.06 | |
| 32 31 13 13-0031 | VLF | 36" Diameter, Concrete Fill For Post Hole | 52.77 | |
| **32 31 13 13-0032** | | **Grout Fill For Post Holes** *(32 31 13 13-0018)* | | |
| 32 31 13 13-0033 | VLF | Up To 2-1/2" Diameter, Grout Fill For Post Hole | 5.72 | |
| 32 31 13 13-0034 | VLF | 2-1/2" Diameter, Grout Fill For Post Hole | 7.34 | |
| 32 31 13 13-0035 | VLF | 3" Diameter, Grout Fill For Post Hole | 8.05 | |
| 32 31 13 13-0036 | VLF | 4" Diameter, Grout Fill For Post Hole | 9.14 | |
| 32 31 13 13-0037 | VLF | 6" Diameter, Grout Fill For Post Hole | 12.84 | |
| 32 31 13 13-0038 | VLF | 8" Diameter, Grout Fill For Post Hole | 17.14 | |
| 32 31 13 13-0039 | VLF | 10" Diameter, Grout Fill For Post Hole | 20.92 | |
| 32 31 13 13-0040 | VLF | 12" Diameter, Grout Fill For Post Hole | 24.35 | |
| 32 31 13 13-0041 | VLF | 18" Diameter, Grout Fill For Post Hole | 32.87 | |
| 32 31 13 13-0042 | VLF | 24" Diameter, Grout Fill For Post Hole | 40.47 | |
| 32 31 13 13-0043 | VLF | 30" Diameter, Grout Fill For Post Hole | 47.87 | |
| 32 31 13 13-0044 | VLF | 36" Diameter, Grout Fill For Post Hole | 55.50 | |
| **32 31 13 13-0045** | | **Compacted Earth Fill For Post Holes** *(32 31 13 13-0018)* | | |
| 32 31 13 13-0046 | VLF | Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole | 3.83 | |
| 32 31 13 13-0047 | VLF | 2-1/2" Diameter, Compacted Earth Fill For Post Hole | 4.98 | |
| 32 31 13 13-0048 | VLF | 3" Diameter, Compacted Earth Fill For Post Hole | 5.21 | |
| 32 31 13 13-0049 | VLF | 4" Diameter, Compacted Earth Fill For Post Hole | 5.36 | |
| 32 31 13 13-0050 | VLF | 6" Diameter, Compacted Earth Fill For Post Hole | 7.16 | |
| 32 31 13 13-0051 | VLF | 8" Diameter, Compacted Earth Fill For Post Hole | 9.55 | |
| 32 31 13 13-0052 | VLF | 10" Diameter, Compacted Earth Fill For Post Hole | 11.46 | |
| 32 31 13 13-0053 | VLF | 12" Diameter, Compacted Earth Fill For Post Hole | 13.00 | |
| 32 31 13 13-0054 | VLF | 18" Diameter, Compacted Earth Fill For Post Hole | 15.84 | |
| 32 31 13 13-0055 | VLF | 24" Diameter, Compacted Earth Fill For Post Hole | 17.77 | |
| 32 31 13 13-0056 | VLF | 30" Diameter, Compacted Earth Fill For Post Hole | 19.49 | |
| 32 31 13 13-0057 | VLF | 36" Diameter, Compacted Earth Fill For Post Hole | 21.02 | |
| **32 31 13 13-0058** | | **Fence Posts** *(32 31 13 13)* | | |
| | | Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill. | | |
| **32 31 13 13-0059** | | **Fence Posts** *(32 31 13 13-0058)* | | |
| **32 31 13 13-0060** | | **1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel** *(32 31 13 13-0059)* | | |
| | | Note: Includes cap and accessories. | | |
| 32 31 13 13-0061 | LF | 1-7/8" Galvanized H-beam Post, Up To 6' In Length | 16.85 | 2.49 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| 32 31 13 13-0062 | LF | 1-7/8" Galvanized H-beam Post, 7' To 10' In Length | 16.15 | 2.12 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| 32 31 13 13-0063 | LF | 1-7/8" Galvanized H-beam Post, 11' To 15' In Length | 15.29 | 1.75 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| 32 31 13 13-0064 | LF | 1-7/8" Galvanized H-beam Post, 16' To 20' In Length | 14.60 | 1.38 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| 32 31 13 13-0065 | LF | 1-7/8" Galvanized H-beam Post, 21' To 24' In Length | 14.13 | 1.20 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| 32 31 13 13-0066 | LF | 1-7/8" Galvanized H-beam Post, >24' In Length | 13.41 | 0.83 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| **32 31 13 13-0067** | | **Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal)** *(32 31 13 13-0059)* | | |
| | | Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories. | | |
| 32 31 13 13-0068 | LF | Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post | 11.42 | 2.30 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *1.90* | |
| | | *For Each Double Barbed Wire Arm, Add* | *3.40* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *1.70* | |
| | | *For Vinyl Coated, Add* | *4.09* | |
| | | *For Powder Coated, Add* | *5.45* | |
| | | *For Aluminum Coated, Add* | *8.51* | |
| | | *For Schedule 20, Deduct* | *-1.36* | |
| | | *For Schedule 80, Add* | *3.73* | |
| 32 31 13 13-0069 | LF | 7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post | 10.62 | 1.94 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *1.90* | |
| | | *For Each Double Barbed Wire Arm, Add* | *3.40* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *1.68* | |
| | | *For Vinyl Coated, Add* | *4.04* | |
| | | *For Powder Coated, Add* | *5.38* | |
| | | *For Aluminum Coated, Add* | *8.41* | |
| | | *For Schedule 20, Deduct* | *-1.35* | |
| | | *For Schedule 80, Add* | *3.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0070 | LF | 11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post | 9.81 | 1.57 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *1.90* | |
| | | *For Each Double Barbed Wire Arm, Add* | *3.40* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *1.68* | |
| | | *For Vinyl Coated, Add* | *4.02* | |
| | | *For Powder Coated, Add* | *5.36* | |
| | | *For Aluminum Coated, Add* | *8.38* | |
| | | *For Schedule 20, Deduct* | *-1.34* | |
| | | *For Schedule 80, Add* | *3.53* | |
| 32 31 13 13-0071 | LF | 16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post | 9.17 | 1.20 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *1.90* | |
| | | *For Each Double Barbed Wire Arm, Add* | *3.40* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *1.67* | |
| | | *For Vinyl Coated, Add* | *4.01* | |
| | | *For Powder Coated, Add* | *5.34* | |
| | | *For Aluminum Coated, Add* | *8.35* | |
| | | *For Schedule 20, Deduct* | *-1.34* | |
| | | *For Schedule 80, Add* | *3.46* | |
| 32 31 13 13-0072 | LF | 21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post | 8.74 | 1.01 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *1.90* | |
| | | *For Each Double Barbed Wire Arm, Add* | *3.40* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *1.67* | |
| | | *For Vinyl Coated, Add* | *4.00* | |
| | | *For Powder Coated, Add* | *5.34* | |
| | | *For Aluminum Coated, Add* | *8.34* | |
| | | *For Schedule 20, Deduct* | *-1.33* | |
| | | *For Schedule 80, Add* | *3.41* | |
| 32 31 13 13-0073 | LF | >24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post | 8.30 | 0.83 |
| | | *For Each Top Rail Fitting, Add* | *0.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *1.90* | |
| | | *For Each Double Barbed Wire Arm, Add* | *3.40* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *1.67* | |
| | | *For Vinyl Coated, Add* | *4.00* | |
| | | *For Powder Coated, Add* | *5.34* | |
| | | *For Aluminum Coated, Add* | *8.34* | |
| | | *For Schedule 20, Deduct* | *-1.33* | |
| | | *For Schedule 80, Add* | *3.36* | |

### 32 31 13 13-0074 Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*

Note: 2" outside diameter, Schedule 40. Includes cap and accessories.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0075 | LF | 2" Outside Diameter Galvanized Steel Post, Up To 6' In Length | 13.09 | 2.40 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.08* | |
| | | *For Vinyl Coated, Add* | *4.99* | |
| | | *For Powder Coated, Add* | *6.66* | |
| | | *For Aluminum Coated, Add* | *10.40* | |
| | | *For Schedule 20, Deduct* | *-1.66* | |
| | | *For Schedule 80, Add* | *4.47* | |
| 32 31 13 13-0076 | LF | 2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length | 12.36 | 2.03 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.06* | |
| | | *For Vinyl Coated, Add* | *4.94* | |
| | | *For Powder Coated, Add* | *6.58* | |
| | | *For Aluminum Coated, Add* | *10.29* | |
| | | *For Schedule 20, Deduct* | *-1.65* | |
| | | *For Schedule 80, Add* | *4.36* | |
| 32 31 13 13-0077 | LF | 2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length | 11.48 | 1.66 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.05* | |
| | | *For Vinyl Coated, Add* | *4.91* | |
| | | *For Powder Coated, Add* | *6.54* | |
| | | *For Aluminum Coated, Add* | *10.23* | |
| | | *For Schedule 20, Deduct* | *-1.64* | |
| | | *For Schedule 80, Add* | *4.26* | |
| 32 31 13 13-0078 | LF | 2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length | 10.79 | 1.29 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.04* | |
| | | *For Vinyl Coated, Add* | *4.90* | |
| | | *For Powder Coated, Add* | *6.53* | |
| | | *For Aluminum Coated, Add* | *10.20* | |
| | | *For Schedule 20, Deduct* | *-1.63* | |
| | | *For Schedule 80, Add* | *4.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0079 | LF | 2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length | 10.34 | 1.11 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.04* | |
| | | *For Vinyl Coated, Add* | *4.89* | |
| | | *For Powder Coated, Add* | *6.52* | |
| | | *For Aluminum Coated, Add* | *10.19* | |
| | | *For Schedule 20, Deduct* | *-1.63* | |
| | | *For Schedule 80, Add* | *4.13* | |
| 32 31 13 13-0080 | LF | 2" Outside Diameter Galvanized Steel Post, >24' In Length | 9.93 | 0.92 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.04* | |
| | | *For Vinyl Coated, Add* | *4.88* | |
| | | *For Powder Coated, Add* | *6.51* | |
| | | *For Aluminum Coated, Add* | *10.18* | |
| | | *For Schedule 20, Deduct* | *-1.63* | |
| | | *For Schedule 80, Add* | *4.09* | |

### 32 31 13 13-0081 Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*

Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0082 | LF | 2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length | 16.04 | 2.58 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.76* | |
| | | *For Vinyl Coated, Add* | *6.61* | |
| | | *For Powder Coated, Add* | *8.82* | |
| | | *For Aluminum Coated, Add* | *13.78* | |
| | | *For Schedule 20, Deduct* | *-2.20* | |
| | | *For Schedule 80, Add* | *5.79* | |
| 32 31 13 13-0083 | LF | 2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length | 15.23 | 2.21 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.73* | |
| | | *For Vinyl Coated, Add* | *6.55* | |
| | | *For Powder Coated, Add* | *8.73* | |
| | | *For Aluminum Coated, Add* | *13.64* | |
| | | *For Schedule 20, Deduct* | *-2.18* | |
| | | *For Schedule 80, Add* | *5.67* | |
| 32 31 13 13-0084 | LF | 2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length | 14.31 | 1.75 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.71* | |
| | | *For Vinyl Coated, Add* | *6.51* | |
| | | *For Powder Coated, Add* | *8.68* | |
| | | *For Aluminum Coated, Add* | *13.56* | |
| | | *For Schedule 20, Deduct* | *-2.17* | |
| | | *For Schedule 80, Add* | *5.55* | |
| 32 31 13 13-0085 | LF | 2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length | 13.60 | 1.38 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.71* | |
| | | *For Vinyl Coated, Add* | *6.50* | |
| | | *For Powder Coated, Add* | *8.66* | |
| | | *For Aluminum Coated, Add* | *13.54* | |
| | | *For Schedule 20, Deduct* | *-2.17* | |
| | | *For Schedule 80, Add* | *5.48* | |
| 32 31 13 13-0086 | LF | 2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length | 13.11 | 1.20 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.70* | |
| | | *For Vinyl Coated, Add* | *6.49* | |
| | | *For Powder Coated, Add* | *8.65* | |
| | | *For Aluminum Coated, Add* | *13.51* | |
| | | *For Schedule 20, Deduct* | *-2.16* | |
| | | *For Schedule 80, Add* | *5.42* | |
| 32 31 13 13-0087 | LF | 2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length | 12.68 | 0.92 |
| | | *For Each Top Rail Fitting, Add* | *1.35* | |
| | | *For Each Single Barbed Wire Arm, Add* | *2.65* | |
| | | *For Each Double Barbed Wire Arm, Add* | *4.88* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *2.70* | |
| | | *For Vinyl Coated, Add* | *6.49* | |
| | | *For Powder Coated, Add* | *8.65* | |
| | | *For Aluminum Coated, Add* | *13.51* | |
| | | *For Schedule 20, Deduct* | *-2.16* | |
| | | *For Schedule 80, Add* | *5.38* | |

### 32 31 13 13-0088 Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) *(32 31 13 13-0059)*

Note: 3" outside diameter, Schedule 40. Includes cap and accessories.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0089 | LF | 3" Outside Diameter Galvanized Steel Post, Up To 6' In Length | 22.16 | 2.77 |
| | | *For Each Top Rail Fitting, Add* | *1.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *3.85* | |
| | | *For Each Double Barbed Wire Arm, Add* | *7.05* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *4.16* | |
| | | *For Vinyl Coated, Add* | *9.98* | |
| | | *For Powder Coated, Add* | *13.30* | |
| | | *For Aluminum Coated, Add* | *20.79* | |
| | | *For Schedule 20, Deduct* | *-3.33* | |
| | | *For Schedule 80, Add* | *8.54* | |
| 32 31 13 13-0090 | LF | 3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length | 21.17 | 2.40 |
| | | *For Each Top Rail Fitting, Add* | *1.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *3.85* | |
| | | *For Each Double Barbed Wire Arm, Add* | *7.05* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *4.10* | |
| | | *For Vinyl Coated, Add* | *9.84* | |
| | | *For Powder Coated, Add* | *13.12* | |
| | | *For Aluminum Coated, Add* | *20.50* | |
| | | *For Schedule 20, Deduct* | *-3.28* | |
| | | *For Schedule 80, Add* | *8.35* | |
| 32 31 13 13-0091 | LF | 3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length | 20.13 | 1.94 |
| | | *For Each Top Rail Fitting, Add* | *1.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *3.85* | |
| | | *For Each Double Barbed Wire Arm, Add* | *7.05* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *4.07* | |
| | | *For Vinyl Coated, Add* | *9.77* | |
| | | *For Powder Coated, Add* | *13.03* | |
| | | *For Aluminum Coated, Add* | *20.36* | |
| | | *For Schedule 20, Deduct* | *-3.26* | |
| | | *For Schedule 80, Add* | *8.20* | |
| 32 31 13 13-0092 | LF | 3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length | 19.31 | 1.57 |
| | | *For Each Top Rail Fitting, Add* | *1.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *3.85* | |
| | | *For Each Double Barbed Wire Arm, Add* | *7.05* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *4.06* | |
| | | *For Vinyl Coated, Add* | *9.74* | |
| | | *For Powder Coated, Add* | *12.98* | |
| | | *For Aluminum Coated, Add* | *20.29* | |
| | | *For Schedule 20, Deduct* | *-3.25* | |
| | | *For Schedule 80, Add* | *8.10* | |
| 32 31 13 13-0093 | LF | 3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length | 18.76 | 1.29 |
| | | *For Each Top Rail Fitting, Add* | *1.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *3.85* | |
| | | *For Each Double Barbed Wire Arm, Add* | *7.05* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *4.05* | |
| | | *For Vinyl Coated, Add* | *9.72* | |
| | | *For Powder Coated, Add* | *12.96* | |
| | | *For Aluminum Coated, Add* | *20.25* | |
| | | *For Schedule 20, Deduct* | *-3.24* | |
| | | *For Schedule 80, Add* | *8.03* | |
| 32 31 13 13-0094 | LF | 3" Outside Diameter Galvanized Steel Post, >24' In Length | 18.27 | 1.01 |
| | | *For Each Top Rail Fitting, Add* | *1.85* | |
| | | *For Each Single Barbed Wire Arm, Add* | *3.85* | |
| | | *For Each Double Barbed Wire Arm, Add* | *7.05* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *4.05* | |
| | | *For Vinyl Coated, Add* | *9.72* | |
| | | *For Powder Coated, Add* | *12.96* | |
| | | *For Aluminum Coated, Add* | *20.25* | |
| | | *For Schedule 20, Deduct* | *-3.24* | |
| | | *For Schedule 80, Add* | *7.98* | |

### 32 31 13 13-0095 Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) *(32 31 13 13-0059)*

Note: 4" outside diameter, Schedule 40. Includes cap and accessories.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0096 | LF | 4" Outside Diameter Galvanized Steel Post, Up To 6' In Length | 32.94 | 2.95 |
| | | *For Each Top Rail Fitting, Add* | *2.60* | |
| | | *For Each Single Barbed Wire Arm, Add* | *5.10* | |
| | | *For Each Double Barbed Wire Arm, Add* | *11.25* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *6.78* | |
| | | *For Vinyl Coated, Add* | *16.27* | |
| | | *For Powder Coated, Add* | *21.70* | |
| | | *For Aluminum Coated, Add* | *33.90* | |
| | | *For Schedule 20, Deduct* | *-5.42* | |
| | | *For Schedule 80, Add* | *13.60* | |
| 32 31 13 13-0097 | LF | 4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length | 31.56 | 2.40 |
| | | *For Each Top Rail Fitting, Add* | *2.60* | |
| | | *For Each Single Barbed Wire Arm, Add* | *5.10* | |
| | | *For Each Double Barbed Wire Arm, Add* | *11.25* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *6.68* | |
| | | *For Vinyl Coated, Add* | *16.03* | |
| | | *For Powder Coated, Add* | *21.37* | |
| | | *For Aluminum Coated, Add* | *33.39* | |
| | | *For Schedule 20, Deduct* | *-5.34* | |
| | | *For Schedule 80, Add* | *13.31* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0098 | LF | 4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length | 30.55 | 2.03 |
| | | *For Each Top Rail Fitting, Add* | *2.60* | |
| | | *For Each Single Barbed Wire Arm, Add* | *5.10* | |
| | | *For Each Double Barbed Wire Arm, Add* | *11.25* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *6.63* | |
| | | *For Vinyl Coated, Add* | *15.91* | |
| | | *For Powder Coated, Add* | *21.21* | |
| | | *For Aluminum Coated, Add* | *33.14* | |
| | | *For Schedule 20, Deduct* | *-5.30* | |
| | | *For Schedule 80, Add* | *13.13* | |
| 32 31 13 13-0099 | LF | 4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length | 29.65 | 1.66 |
| | | *For Each Top Rail Fitting, Add* | *2.60* | |
| | | *For Each Single Barbed Wire Arm, Add* | *5.10* | |
| | | *For Each Double Barbed Wire Arm, Add* | *11.25* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *6.60* | |
| | | *For Vinyl Coated, Add* | *15.85* | |
| | | *For Powder Coated, Add* | *21.13* | |
| | | *For Aluminum Coated, Add* | *33.01* | |
| | | *For Schedule 20, Deduct* | *-5.28* | |
| | | *For Schedule 80, Add* | *13.00* | |
| 32 31 13 13-0100 | LF | 4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length | 29.60 | 1.66 |
| | | *For Each Top Rail Fitting, Add* | *2.60* | |
| | | *For Each Single Barbed Wire Arm, Add* | *5.10* | |
| | | *For Each Double Barbed Wire Arm, Add* | *11.25* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *6.59* | |
| | | *For Vinyl Coated, Add* | *15.82* | |
| | | *For Powder Coated, Add* | *21.09* | |
| | | *For Aluminum Coated, Add* | *32.95* | |
| | | *For Schedule 20, Deduct* | *-5.27* | |
| | | *For Schedule 80, Add* | *12.98* | |
| 32 31 13 13-0101 | LF | 4" Outside Diameter Galvanized Steel Post, >24' In Length | 28.65 | 1.20 |
| | | *For Each Top Rail Fitting, Add* | *2.60* | |
| | | *For Each Single Barbed Wire Arm, Add* | *5.10* | |
| | | *For Each Double Barbed Wire Arm, Add* | *11.25* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *6.59* | |
| | | *For Vinyl Coated, Add* | *15.81* | |
| | | *For Powder Coated, Add* | *21.08* | |
| | | *For Aluminum Coated, Add* | *32.94* | |
| | | *For Schedule 20, Deduct* | *-5.27* | |
| | | *For Schedule 80, Add* | *12.88* | |

### 32 31 13 13-0102 Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*

Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0103 | LF | 6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length | 65.66 | 3.23 |
| | | *For Each Top Rail Fitting, Add* | *4.55* | |
| | | *For Each Single Barbed Wire Arm, Add* | *7.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *14.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *14.80* | |
| | | *For Vinyl Coated, Add* | *35.51* | |
| | | *For Powder Coated, Add* | *47.35* | |
| | | *For Aluminum Coated, Add* | *73.99* | |
| | | *For Schedule 20, Deduct* | *-11.84* | |
| | | *For Schedule 80, Add* | *29.06* | |
| 32 31 13 13-0104 | LF | 6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length | 63.08 | 2.67 |
| | | *For Each Top Rail Fitting, Add* | *4.55* | |
| | | *For Each Single Barbed Wire Arm, Add* | *7.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *14.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *14.42* | |
| | | *For Vinyl Coated, Add* | *34.60* | |
| | | *For Powder Coated, Add* | *46.13* | |
| | | *For Aluminum Coated, Add* | *72.08* | |
| | | *For Schedule 20, Deduct* | *-11.53* | |
| | | *For Schedule 80, Add* | *28.22* | |
| 32 31 13 13-0105 | LF | 6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length | 61.38 | 2.21 |
| | | *For Each Top Rail Fitting, Add* | *4.55* | |
| | | *For Each Single Barbed Wire Arm, Add* | *7.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *14.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *14.22* | |
| | | *For Vinyl Coated, Add* | *34.13* | |
| | | *For Powder Coated, Add* | *45.51* | |
| | | *For Aluminum Coated, Add* | *71.11* | |
| | | *For Schedule 20, Deduct* | *-11.38* | |
| | | *For Schedule 80, Add* | *27.76* | |
| 32 31 13 13-0106 | LF | 6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length | 60.10 | 1.75 |
| | | *For Each Top Rail Fitting, Add* | *4.55* | |
| | | *For Each Single Barbed Wire Arm, Add* | *7.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *14.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *14.13* | |
| | | *For Vinyl Coated, Add* | *33.91* | |
| | | *For Powder Coated, Add* | *45.21* | |
| | | *For Aluminum Coated, Add* | *70.64* | |
| | | *For Schedule 20, Deduct* | *-11.30* | |
| | | *For Schedule 80, Add* | *27.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0107 | LF | 6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length | 59.40 | 1.57 |
| | | *For Each Top Rail Fitting, Add* | *4.55* | |
| | | *For Each Single Barbed Wire Arm, Add* | *7.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *14.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *14.08* | |
| | | *For Vinyl Coated, Add* | *33.79* | |
| | | *For Powder Coated, Add* | *45.06* | |
| | | *For Aluminum Coated, Add* | *70.40* | |
| | | *For Schedule 20, Deduct* | *-11.26* | |
| | | *For Schedule 80, Add* | *27.34* | |
| 32 31 13 13-0108 | LF | 6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length | 58.84 | 1.29 |
| | | *For Each Top Rail Fitting, Add* | *4.55* | |
| | | *For Each Single Barbed Wire Arm, Add* | *7.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *14.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *14.07* | |
| | | *For Vinyl Coated, Add* | *33.77* | |
| | | *For Powder Coated, Add* | *45.02* | |
| | | *For Aluminum Coated, Add* | *70.35* | |
| | | *For Schedule 20, Deduct* | *-11.26* | |
| | | *For Schedule 80, Add* | *27.27* | |

### 32 31 13 13-0109 Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*

Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0110 | LF | 8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length | 128.23 | 3.60 |
| | | *For Each Top Rail Fitting, Add* | *7.50* | |
| | | *For Each Single Barbed Wire Arm, Add* | *9.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *18.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *30.26* | |
| | | *For Vinyl Coated, Add* | *72.63* | |
| | | *For Powder Coated, Add* | *96.84* | |
| | | *For Aluminum Coated, Add* | *151.31* | |
| | | *For Schedule 20, Deduct* | *-24.21* | |
| | | *For Schedule 80, Add* | *58.82* | |
| 32 31 13 13-0111 | LF | 8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length | 124.01 | 3.04 |
| | | *For Each Top Rail Fitting, Add* | *7.50* | |
| | | *For Each Single Barbed Wire Arm, Add* | *9.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *18.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *29.50* | |
| | | *For Vinyl Coated, Add* | *70.80* | |
| | | *For Powder Coated, Add* | *94.40* | |
| | | *For Aluminum Coated, Add* | *147.50* | |
| | | *For Schedule 20, Deduct* | *-23.60* | |
| | | *For Schedule 80, Add* | *57.24* | |
| 32 31 13 13-0112 | LF | 8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length | 121.46 | 2.49 |
| | | *For Each Top Rail Fitting, Add* | *7.50* | |
| | | *For Each Single Barbed Wire Arm, Add* | *9.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *18.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *29.12* | |
| | | *For Vinyl Coated, Add* | *69.89* | |
| | | *For Powder Coated, Add* | *93.18* | |
| | | *For Aluminum Coated, Add* | *145.60* | |
| | | *For Schedule 20, Deduct* | *-23.30* | |
| | | *For Schedule 80, Add* | *56.41* | |
| 32 31 13 13-0113 | LF | 8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length | 119.66 | 1.94 |
| | | *For Each Top Rail Fitting, Add* | *7.50* | |
| | | *For Each Single Barbed Wire Arm, Add* | *9.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *18.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *28.93* | |
| | | *For Vinyl Coated, Add* | *69.43* | |
| | | *For Powder Coated, Add* | *92.57* | |
| | | *For Aluminum Coated, Add* | *144.64* | |
| | | *For Schedule 20, Deduct* | *-23.14* | |
| | | *For Schedule 80, Add* | *55.94* | |
| 32 31 13 13-0114 | LF | 8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length | 118.74 | 1.66 |
| | | *For Each Top Rail Fitting, Add* | *7.50* | |
| | | *For Each Single Barbed Wire Arm, Add* | *9.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *18.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *28.83* | |
| | | *For Vinyl Coated, Add* | *69.20* | |
| | | *For Powder Coated, Add* | *92.26* | |
| | | *For Aluminum Coated, Add* | *144.16* | |
| | | *For Schedule 20, Deduct* | *-23.07* | |
| | | *For Schedule 80, Add* | *55.70* | |
| 32 31 13 13-0115 | LF | 8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length | 118.11 | 1.38 |
| | | *For Each Top Rail Fitting, Add* | *7.50* | |
| | | *For Each Single Barbed Wire Arm, Add* | *9.15* | |
| | | *For Each Double Barbed Wire Arm, Add* | *18.95* | |
| | | *For SS40 (Hot-Dip Galvanized And Chromated), Add* | *28.82* | |
| | | *For Vinyl Coated, Add* | *69.16* | |
| | | *For Powder Coated, Add* | *92.21* | |
| | | *For Aluminum Coated, Add* | *144.08* | |
| | | *For Schedule 20, Deduct* | *-23.05* | |
| | | *For Schedule 80, Add* | *55.61* | |

### 32 31 13 13-0116 Driven Post Supports *(32 31 13 13)*

Note: OZ-Post.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **32 31 13 13-0117** | | **Driven Post Support For Round Chain Link Fence Posts** *(32 31 13 13-0116)* | | |
| 32 31 13 13-0118 | EA | 26" Driven Post Support For 1-5/8" Round Chain Link Fence Post<br>Note: OZ-Post GB-700. | 63.28 | |
| 32 31 13 13-0119 | EA | 26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post<br>Note: OZ-Post HB-700. | 63.28 | |
| 32 31 13 13-0120 | EA | 26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post<br>Note: OZ-Post IS-600. | 65.13 | |
| 32 31 13 13-0121 | EA | 32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post<br>Note: OZ-Post ISW-850. | 77.95 | |
| **32 31 13 13-0122** | | **Driven Post Support For Square Ornamental Fence Posts** *(32 31 13 13-0116)* | | |
| 32 31 13 13-0123 | EA | 34" Driven Post Support For 1-3/4" Square Ornamental Fence Post<br>Note: OZ-Post C175-850. | 72.40 | |
| 32 31 13 13-0124 | EA | 24" Driven Post Support For 2" Square Ornamental Fence Post<br>Note: OZ-Post I2-600. | 69.63 | |
| 32 31 13 13-0125 | EA | 34" Driven Post Support For 2" Square Ornamental Fence Post<br>Note: OZ-Post I2-850. | 72.96 | |
| 32 31 13 13-0126 | EA | 34" Driven Post Support For 2-1/2" Square Ornamental Fence Post<br>Note: OZ-Post I25-850. | 77.95 | |
| 32 31 13 13-0127 | EA | 34" Driven Post Support For 3" Square Ornamental Fence Post<br>Note: OZ-Post I3-850. | 77.95 | |
| **32 31 13 13-0128** | | **Driven Post Support For Wooden Fence Posts** *(32 31 13 13-0116)* | | |
| 32 31 13 13-0129 | EA | 24" Driven Post Support For 3-1/2" Square Wooden Fence Post<br>Note: OZ-Post T4-600. | 73.13 | |
| 32 31 13 13-0130 | EA | 34" Driven Post Support For 3-1/2" Square Wooden Fence Post<br>Note: OZ-Post T4-850. | 75.17 | |
| 32 31 13 13-0131 | EA | 34" Driven Post Support For 3-3/4" Square Wooden Fence Post<br>Note: OZ-Post C4-850. | 81.64 | |
| 32 31 13 13-0132 | EA | 34" Driven Post Support For 4" Square Wooden Fence Post<br>Note: OZ-Post P4-850. | 81.64 | |
| 32 31 13 13-0133 | EA | 36" Driven Post Support For 4" x 6" Wooden Fence Post<br>Note: OZ-Post T46-850. | 93.65 | |
| 32 31 13 13-0134 | EA | 36" Driven Post Support For 6" Square Wooden Fence Post<br>Note: OZ-Post T6-850. | 102.15 | |
| **32 31 13 13-0135** | | **Driven Post Support For Vinyl Fence Posts** *(32 31 13 13-0116)* | | |
| 32 31 13 13-0136 | EA | 24" Driven Post Support For 3-1/2" Square Vinyl Fence Post<br>Note: OZ-Post T4-600. | 73.13 | |
| 32 31 13 13-0137 | EA | 34" Driven Post Support For 3-1/2" Square Vinyl Fence Post<br>Note: OZ-Post T4-850. | 75.17 | |
| 32 31 13 13-0138 | EA | 34" Driven Post Support For 4" Square Vinyl Fence Post<br>Note: OZ-Post P4-850. | 81.64 | |
| 32 31 13 13-0139 | EA | 34" Driven Post Support For 5" Square Vinyl Fence Post<br>Note: OZ-Post P4-850. | 83.12 | |
| **32 31 13 13-0140** | | **Chain Link Fence Assemblies** *(32 31 13 13)* | | |
| **32 31 13 13-0141** | | **Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts** *(32 31 13 13-0140)*<br>Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 26 05 26 00-0000 for grounding, 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0642 for barb wire attachments. | | |
| **32 31 13 13-0142** | | **Galvanized** *(32 31 13 13-0141)* | | |
| 32 31 13 13-0143 | LF | 3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 32.74 | 3.13 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.25* | |
| | | *For 13 Gauge Fabric, Deduct* | *-7.11* | |
| | | *For 11 Gauge Fabric, Deduct* | *-4.16* | |
| | | *For 6 Gauge Fabric, Add* | *6.53* | |
| | | *For 1" Mesh Fabric, Add* | *8.90* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *3.56* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.78* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.37* | |
| | | *For Posts 8' On Centers, Add* | *1.78* | |
| | | *For Posts 5' On Centers, Add* | *6.69* | |
| | | *For Up To 100, Add* | *6.14* | |
| | | *For >100 To 250, Add* | *2.25* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.13* | |
| | | *For >5,000, Deduct* | *-2.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0144 | LF | 3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 34.10 | 3.13 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.33* | |
| | | *For 13 Gauge Fabric, Deduct* | *-7.52* | |
| | | *For 11 Gauge Fabric, Deduct* | *-4.39* | |
| | | *For 6 Gauge Fabric, Add* | *6.90* | |
| | | *For 1" Mesh Fabric, Add* | *9.41* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *3.76* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.88* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.51* | |
| | | *For Posts 8' On Centers, Add* | *1.85* | |
| | | *For Posts 5' On Centers, Add* | *6.95* | |
| | | *For Up To 100, Add* | *6.36* | |
| | | *For >100 To 250, Add* | *2.33* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.16* | |
| | | *For >5,000, Deduct* | *-2.33* | |
| 32 31 13 13-0145 | LF | 4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 35.27 | 3.13 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.40* | |
| | | *For 13 Gauge Fabric, Deduct* | *-7.86* | |
| | | *For 11 Gauge Fabric, Deduct* | *-4.59* | |
| | | *For 6 Gauge Fabric, Add* | *7.21* | |
| | | *For 1" Mesh Fabric, Add* | *9.84* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *3.93* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.97* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.62* | |
| | | *For Posts 8' On Centers, Add* | *1.92* | |
| | | *For Posts 5' On Centers, Add* | *7.17* | |
| | | *For Up To 100, Add* | *6.56* | |
| | | *For >100 To 250, Add* | *2.40* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.20* | |
| | | *For >5,000, Deduct* | *-2.40* | |
| 32 31 13 13-0146 | LF | 5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 38.05 | 3.13 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.56* | |
| | | *For 13 Gauge Fabric, Deduct* | *-8.68* | |
| | | *For 11 Gauge Fabric, Deduct* | *-5.07* | |
| | | *For 6 Gauge Fabric, Add* | *7.97* | |
| | | *For 1" Mesh Fabric, Add* | *10.87* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.35* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.17* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.90* | |
| | | *For Posts 8' On Centers, Add* | *2.06* | |
| | | *For Posts 5' On Centers, Add* | *7.70* | |
| | | *For Up To 100, Add* | *7.01* | |
| | | *For >100 To 250, Add* | *2.56* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.28* | |
| | | *For >5,000, Deduct* | *-2.56* | |
| 32 31 13 13-0147 | LF | 6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 41.28 | 3.13 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.76* | |
| | | *For 13 Gauge Fabric, Deduct* | *-9.51* | |
| | | *For 11 Gauge Fabric, Deduct* | *-5.55* | |
| | | *For 6 Gauge Fabric, Add* | *8.73* | |
| | | *For 1" Mesh Fabric, Add* | *11.90* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.76* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.38* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.17* | |
| | | *For Posts 8' On Centers, Add* | *2.23* | |
| | | *For Posts 5' On Centers, Add* | *8.34* | |
| | | *For Up To 100, Add* | *7.58* | |
| | | *For >100 To 250, Add* | *2.76* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.38* | |
| | | *For >5,000, Deduct* | *-2.76* | |
| 32 31 13 13-0148 | LF | 7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 42.88 | 4.70 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.87* | |
| | | *For 13 Gauge Fabric, Deduct* | *-9.88* | |
| | | *For 11 Gauge Fabric, Deduct* | *-5.77* | |
| | | *For 6 Gauge Fabric, Add* | *9.07* | |
| | | *For 1" Mesh Fabric, Add* | *12.37* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.95* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.47* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.30* | |
| | | *For Posts 8' On Centers, Add* | *2.32* | |
| | | *For Posts 5' On Centers, Add* | *8.66* | |
| | | *For Up To 100, Add* | *7.88* | |
| | | *For >100 To 250, Add* | *2.87* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.43* | |
| | | *For >5,000, Deduct* | *-2.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0149 | LF | 8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 48.78 | 5.48 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *3.21* | |
| | | *For 13 Gauge Fabric, Deduct* | *-11.61* | |
| | | *For 11 Gauge Fabric, Deduct* | *-6.78* | |
| | | *For 6 Gauge Fabric, Add* | *10.65* | |
| | | *For 1" Mesh Fabric, Add* | *14.53* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *5.81* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.91* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.87* | |
| | | *For Posts 8' On Centers, Add* | *2.62* | |
| | | *For Posts 5' On Centers, Add* | *9.78* | |
| | | *For Up To 100, Add* | *8.86* | |
| | | *For >100 To 250, Add* | *3.21* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.60* | |
| | | *For >5,000, Deduct* | *-3.21* | |
| 32 31 13 13-0150 | LF | 9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 52.10 | 7.05 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *3.41* | |
| | | *For 13 Gauge Fabric, Deduct* | *-12.51* | |
| | | *For 11 Gauge Fabric, Deduct* | *-7.31* | |
| | | *For 6 Gauge Fabric, Add* | *11.48* | |
| | | *For 1" Mesh Fabric, Add* | *15.66* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *6.26* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-3.13* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-4.17* | |
| | | *For Posts 8' On Centers, Add* | *2.80* | |
| | | *For Posts 5' On Centers, Add* | *10.43* | |
| | | *For Up To 100, Add* | *9.43* | |
| | | *For >100 To 250, Add* | *3.41* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.71* | |
| | | *For >5,000, Deduct* | *-3.41* | |
| 32 31 13 13-0151 | LF | 10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 55.43 | 7.84 |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *3.61* | |
| | | *For 13 Gauge Fabric, Deduct* | *-13.41* | |
| | | *For 11 Gauge Fabric, Deduct* | *-7.83* | |
| | | *For 6 Gauge Fabric, Add* | *12.31* | |
| | | *For 1" Mesh Fabric, Add* | *16.78* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *6.71* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-3.36* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-4.48* | |
| | | *For Posts 8' On Centers, Add* | *2.97* | |
| | | *For Posts 5' On Centers, Add* | *11.07* | |
| | | *For Up To 100, Add* | *10.00* | |
| | | *For >100 To 250, Add* | *3.61* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.81* | |
| | | *For >5,000, Deduct* | *-3.61* | |
| 32 31 13 13-0152 | LF | 12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 61.65 | 9.40 |
| | | *For Each Additional Foot >12, Add* | *3.58* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *4.00* | |
| | | *For 13 Gauge Fabric, Deduct* | *-15.08* | |
| | | *For 11 Gauge Fabric, Deduct* | *-8.81* | |
| | | *For 6 Gauge Fabric, Add* | *13.84* | |
| | | *For 1" Mesh Fabric, Add* | *18.88* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *7.55* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-3.78* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-5.03* | |
| | | *For Posts 8' On Centers, Add* | *3.30* | |
| | | *For Posts 5' On Centers, Add* | *12.28* | |
| | | *For Up To 100, Add* | *11.07* | |
| | | *For >100 To 250, Add* | *4.00* | |
| | | *For >2,500 To 5,000, Deduct* | *-2.00* | |
| | | *For >5,000, Deduct* | *-4.00* | |

### 32 31 13 13-0153 Vinyl Coated *(32 31 13 13-0141)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0154 | LF | 4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 36.65 | 3.13 |
| | | *For Powder Coated Framework (Posts, Rails, Hardware), Add* | *3.60* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.47* | |
| | | *For 13 Gauge Fabric, Deduct* | *-8.34* | |
| | | *For 11 Gauge Fabric, Deduct* | *-4.87* | |
| | | *For 6 Gauge Fabric, Add* | *7.65* | |
| | | *For 1" Mesh Fabric, Add* | *10.44* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.17* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.09* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.78* | |
| | | *For Posts 8' On Centers, Add* | *1.98* | |
| | | *For Posts 5' On Centers, Add* | *7.42* | |
| | | *For Up To 100, Add* | *6.76* | |
| | | *For >100 To 250, Add* | *2.47* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.23* | |
| | | *For >5,000, Deduct* | *-2.47* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0155 | LF | 5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 39.79 | 3.13 |
| | | *For Powder Coated Framework (Posts, Rails, Hardware), Add* | *4.01* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.64* | |
| | | *For 13 Gauge Fabric, Deduct* | *-9.29* | |
| | | *For 11 Gauge Fabric, Deduct* | *-5.42* | |
| | | *For 6 Gauge Fabric, Add* | *8.52* | |
| | | *For 1" Mesh Fabric, Add* | *11.62* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.65* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.32* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.10* | |
| | | *For Posts 8' On Centers, Add* | *2.15* | |
| | | *For Posts 5' On Centers, Add* | *8.01* | |
| | | *For Up To 100, Add* | *7.28* | |
| | | *For >100 To 250, Add* | *2.64* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.32* | |
| | | *For >5,000, Deduct* | *-2.64* | |
| 32 31 13 13-0156 | LF | 6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 44.82 | 3.13 |
| | | *For Powder Coated Framework (Posts, Rails, Hardware), Add* | *4.64* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *2.94* | |
| | | *For 13 Gauge Fabric, Deduct* | *-10.74* | |
| | | *For 11 Gauge Fabric, Deduct* | *-6.27* | |
| | | *For 6 Gauge Fabric, Add* | *9.86* | |
| | | *For 1" Mesh Fabric, Add* | *13.44* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *5.38* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.69* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.58* | |
| | | *For Posts 8' On Centers, Add* | *2.41* | |
| | | *For Posts 5' On Centers, Add* | *8.97* | |
| | | *For Up To 100, Add* | *8.12* | |
| | | *For >100 To 250, Add* | *2.94* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.47* | |
| | | *For >5,000, Deduct* | *-2.94* | |
| 32 31 13 13-0157 | LF | 7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 46.99 | 4.70 |
| | | *For Powder Coated Framework (Posts, Rails, Hardware), Add* | *4.88* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *3.07* | |
| | | *For 13 Gauge Fabric, Deduct* | *-11.31* | |
| | | *For 11 Gauge Fabric, Deduct* | *-6.61* | |
| | | *For 6 Gauge Fabric, Add* | *10.38* | |
| | | *For 1" Mesh Fabric, Add* | *14.16* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *5.66* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.83* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.78* | |
| | | *For Posts 8' On Centers, Add* | *2.52* | |
| | | *For Posts 5' On Centers, Add* | *9.40* | |
| | | *For Up To 100, Add* | *8.49* | |
| | | *For >100 To 250, Add* | *3.07* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.54* | |
| | | *For >5,000, Deduct* | *-3.07* | |
| 32 31 13 13-0158 | LF | 8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 53.57 | 5.48 |
| | | *For Powder Coated Framework (Posts, Rails, Hardware), Add* | *5.73* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *3.45* | |
| | | *For 13 Gauge Fabric, Deduct* | *-13.27* | |
| | | *For 11 Gauge Fabric, Deduct* | *-7.75* | |
| | | *For 6 Gauge Fabric, Add* | *12.18* | |
| | | *For 1" Mesh Fabric, Add* | *16.61* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *6.65* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-3.32* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-4.43* | |
| | | *For Posts 8' On Centers, Add* | *2.86* | |
| | | *For Posts 5' On Centers, Add* | *10.64* | |
| | | *For Up To 100, Add* | *9.57* | |
| | | *For >100 To 250, Add* | *3.45* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.72* | |
| | | *For >5,000, Deduct* | *-3.45* | |
| 32 31 13 13-0159 | LF | 9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 57.25 | 7.05 |
| | | *For Powder Coated Framework (Posts, Rails, Hardware), Add* | *6.17* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *3.67* | |
| | | *For 13 Gauge Fabric, Deduct* | *-14.30* | |
| | | *For 11 Gauge Fabric, Deduct* | *-8.35* | |
| | | *For 6 Gauge Fabric, Add* | *13.12* | |
| | | *For 1" Mesh Fabric, Add* | *17.90* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *7.16* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-3.58* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-4.77* | |
| | | *For Posts 8' On Centers, Add* | *3.06* | |
| | | *For Posts 5' On Centers, Add* | *11.35* | |
| | | *For Up To 100, Add* | *10.20* | |
| | | *For >100 To 250, Add* | *3.67* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.83* | |
| | | *For >5,000, Deduct* | *-3.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0160 | LF | 10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 60.93 | 7.84 |
| | | *For Powder Coated Framework (Posts, Rails, Hardware), Add* | *6.61* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *3.89* | |
| | | *For 13 Gauge Fabric, Deduct* | *-15.32* | |
| | | *For 11 Gauge Fabric, Deduct* | *-8.95* | |
| | | *For 6 Gauge Fabric, Add* | *14.06* | |
| | | *For 1" Mesh Fabric, Add* | *19.17* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *7.67* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-3.83* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-5.11* | |
| | | *For Posts 8' On Centers, Add* | *3.25* | |
| | | *For Posts 5' On Centers, Add* | *12.06* | |
| | | *For Up To 100, Add* | *10.82* | |
| | | *For >100 To 250, Add* | *3.89* | |
| | | *For >2,500 To 5,000, Deduct* | *-1.94* | |
| | | *For >5,000, Deduct* | *-3.89* | |
| 32 31 13 13-0161 | LF | 12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post | 66.48 | 9.40 |
| | | *For Each Additional Foot >12, Add* | *3.83* | |
| | | *For Powder Coated Framework (Posts, Rails, Hardware), Add* | *7.23* | |
| | | *For Surface Mount On Concrete (Excludes Drilling And Anchors), Add* | *4.24* | |
| | | *For 13 Gauge Fabric, Deduct* | *-16.76* | |
| | | *For 11 Gauge Fabric, Deduct* | *-9.79* | |
| | | *For 6 Gauge Fabric, Add* | *15.39* | |
| | | *For 1" Mesh Fabric, Add* | *20.98* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *8.39* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-4.20* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-5.59* | |
| | | *For Posts 8' On Centers, Add* | *3.54* | |
| | | *For Posts 5' On Centers, Add* | *13.15* | |
| | | *For Up To 100, Add* | *11.80* | |
| | | *For >100 To 250, Add* | *4.24* | |
| | | *For >2,500 To 5,000, Deduct* | *-2.12* | |
| | | *For >5,000, Deduct* | *-4.24* | |

### 32 31 13 13-0162 Rails *(32 31 13 13)*

Note: Includes rail end fittings.

### 32 31 13 13-0163 SS-20 Chain Link Fence Rails *(32 31 13 13-0162)*

Note: Includes tie wires.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0164 | LF | 1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings | 5.91 | 1.01 |
| | | *For SS15, Deduct* | *-0.38* | |
| | | *For SS40, Add* | *0.95* | |
| 32 31 13 13-0165 | LF | 1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings | 7.19 | 1.01 |
| | | *For SS40, Add* | *0.51* | |
| | | *For Powder Coated, Add* | *1.01* | |
| | | *For Aluminum Coated, Add* | *2.03* | |
| 32 31 13 13-0166 | LF | 1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings | 7.35 | 1.15 |
| | | *For SS15, Deduct* | *-0.51* | |
| | | *For SS40, Add* | *1.26* | |
| 32 31 13 13-0167 | LF | 1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings | 9.05 | 1.15 |
| | | *For SS40, Add* | *0.68* | |
| | | *For Powder Coated, Add* | *1.35* | |
| | | *For Aluminum Coated, Add* | *2.70* | |
| 32 31 13 13-0168 | LF | 2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings | 8.64 | 1.29 |
| | | *For SS40, Add* | *1.52* | |
| 32 31 13 13-0169 | LF | 2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings | 10.69 | 1.29 |
| | | *For SS40, Add* | *0.81* | |
| | | *For Powder Coated, Add* | *1.62* | |
| | | *For Aluminum Coated, Add* | *3.24* | |

### 32 31 13 13-0170 Fabric *(32 31 13 13)*

### 32 31 13 13-0171 Fabric, Galvanized Chain Link *(32 31 13 13-0170)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0172 | LF | 3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 9.39 | 1.84 |
| | | *For 1-1/4" Mesh Fabric, Add* | *0.95* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *0.85* | |
| | | *For 13 Gauge Fabric, Deduct* | *-1.53* | |
| | | *For 11 Gauge Fabric, Deduct* | *-0.85* | |
| | | *For 6 Gauge Fabric, Add* | *2.72* | |
| | | *For 1" Mesh Fabric, Add* | *2.55* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1.70* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1.02* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-0.51* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-0.68* | |
| 32 31 13 13-0173 | LF | 3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 10.42 | 2.07 |
| | | *For 1-1/4" Mesh Fabric, Add* | *1.11* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *0.99* | |
| | | *For 13 Gauge Fabric, Deduct* | *-1.79* | |
| | | *For 11 Gauge Fabric, Deduct* | *-0.99* | |
| | | *For 6 Gauge Fabric, Add* | *3.18* | |
| | | *For 1" Mesh Fabric, Add* | *2.98* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1.99* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1.19* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-0.60* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-0.79* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0174 | LF | 4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 11.27 | 2.30 |
| | | *For 1-1/4" Mesh Fabric, Add* | *1.22* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *1.09* | |
| | | *For 13 Gauge Fabric, Deduct* | *-1.96* | |
| | | *For 11 Gauge Fabric, Deduct* | *-1.09* | |
| | | *For 6 Gauge Fabric, Add* | *3.49* | |
| | | *For 1" Mesh Fabric, Add* | *3.27* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2.18* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1.31* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-0.65* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-0.87* | |
| 32 31 13 13-0175 | LF | 5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 12.81 | 2.77 |
| | | *For 1-1/4" Mesh Fabric, Add* | *1.52* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *1.36* | |
| | | *For 13 Gauge Fabric, Deduct* | *-2.45* | |
| | | *For 11 Gauge Fabric, Deduct* | *-1.36* | |
| | | *For 6 Gauge Fabric, Add* | *4.35* | |
| | | *For 1" Mesh Fabric, Add* | *4.08* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2.72* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-0.82* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-1.09* | |
| 32 31 13 13-0176 | LF | 6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 14.43 | 3.23 |
| | | *For 1-1/4" Mesh Fabric, Add* | *1.83* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *1.64* | |
| | | *For 13 Gauge Fabric, Deduct* | *-2.94* | |
| | | *For 11 Gauge Fabric, Deduct* | *-1.64* | |
| | | *For 6 Gauge Fabric, Add* | *5.23* | |
| | | *For 1" Mesh Fabric, Add* | *4.91* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *3.27* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1.96* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-0.98* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-1.31* | |
| 32 31 13 13-0177 | LF | 7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 16.12 | 3.69 |
| | | *For 1-1/4" Mesh Fabric, Add* | *2.13* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *1.91* | |
| | | *For 13 Gauge Fabric, Deduct* | *-3.43* | |
| | | *For 11 Gauge Fabric, Deduct* | *-1.91* | |
| | | *For 6 Gauge Fabric, Add* | *6.10* | |
| | | *For 1" Mesh Fabric, Add* | *5.72* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *3.81* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *2.29* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.14* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-1.52* | |
| 32 31 13 13-0178 | LF | 8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 17.93 | 4.61 |
| | | *For 1-1/4" Mesh Fabric, Add* | *2.44* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *2.18* | |
| | | *For 13 Gauge Fabric, Deduct* | *-3.92* | |
| | | *For 11 Gauge Fabric, Deduct* | *-2.18* | |
| | | *For 6 Gauge Fabric, Add* | *6.97* | |
| | | *For 1" Mesh Fabric, Add* | *6.53* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *4.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *2.61* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.31* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-1.74* | |
| 32 31 13 13-0179 | LF | 10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 21.48 | 5.07 |
| | | *For 1-1/4" Mesh Fabric, Add* | *3.17* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *2.83* | |
| | | *For 13 Gauge Fabric, Deduct* | *-5.09* | |
| | | *For 11 Gauge Fabric, Deduct* | *-2.83* | |
| | | *For 6 Gauge Fabric, Add* | *9.05* | |
| | | *For 1" Mesh Fabric, Add* | *8.48* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *5.66* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *3.39* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.70* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.26* | |
| 32 31 13 13-0180 | LF | 12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 24.62 | 5.53 |
| | | *For 1-1/4" Mesh Fabric, Add* | *3.80* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *3.39* | |
| | | *For 13 Gauge Fabric, Deduct* | *-6.10* | |
| | | *For 11 Gauge Fabric, Deduct* | *-3.39* | |
| | | *For 6 Gauge Fabric, Add* | *10.85* | |
| | | *For 1" Mesh Fabric, Add* | *10.17* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *6.78* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.07* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.03* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.71* | |
| 32 31 13 13-0181 | LF | 14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 27.48 | 6.45 |
| | | *For 1-1/4" Mesh Fabric, Add* | *4.08* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *3.64* | |
| | | *For 13 Gauge Fabric, Deduct* | *-6.56* | |
| | | *For 11 Gauge Fabric, Deduct* | *-3.64* | |
| | | *For 6 Gauge Fabric, Add* | *11.66* | |
| | | *For 1" Mesh Fabric, Add* | *10.93* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *7.29* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.37* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.19* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.91* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0182 | LF | 16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh | 30.32 | 7.37 |
| | | *For 1-1/4" Mesh Fabric, Add* | *4.36* | |
| | | *For 2 Oz Galvanized Or Zinc Coating, Add* | *3.89* | |
| | | *For 13 Gauge Fabric, Deduct* | *-7.01* | |
| | | *For 11 Gauge Fabric, Deduct* | *-3.89* | |
| | | *For 6 Gauge Fabric, Add* | *12.46* | |
| | | *For 1" Mesh Fabric, Add* | *11.68* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *7.79* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.67* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.34* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.11* | |
| 32 31 13 13-0183 | | Fabric, Vinyl Coated Chain Link *(32 31 13 13-0170)* | | |
| 32 31 13 13-0184 | LF | 4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 12.66 | 1.84 |
| | | *For 1-1/4" Mesh Fabric, Add* | *1.61* | |
| | | *For 13 Gauge Fabric, Deduct* | *-2.59* | |
| | | *For 11 Gauge Fabric, Deduct* | *-1.44* | |
| | | *For 6 Gauge Fabric, Add* | *4.60* | |
| | | *For 1" Mesh Fabric, Add* | *4.31* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2.88* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1.73* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-0.86* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-1.15* | |
| | | *For Aluminum Coated, Add* | *2.30* | |
| 32 31 13 13-0185 | LF | 5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 14.55 | 2.77 |
| | | *For 1-1/4" Mesh Fabric, Add* | *2.01* | |
| | | *For 13 Gauge Fabric, Deduct* | *-3.23* | |
| | | *For 11 Gauge Fabric, Deduct* | *-1.80* | |
| | | *For 6 Gauge Fabric, Add* | *5.74* | |
| | | *For 1" Mesh Fabric, Add* | *5.39* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *3.59* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *2.15* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.08* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-1.44* | |
| | | *For Aluminum Coated, Add* | *2.87* | |
| 32 31 13 13-0186 | LF | 6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 17.97 | 3.23 |
| | | *For 1-1/4" Mesh Fabric, Add* | *2.82* | |
| | | *For 13 Gauge Fabric, Deduct* | *-4.54* | |
| | | *For 11 Gauge Fabric, Deduct* | *-2.52* | |
| | | *For 6 Gauge Fabric, Add* | *8.06* | |
| | | *For 1" Mesh Fabric, Add* | *7.56* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *5.04* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *3.02* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.51* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.02* | |
| | | *For Aluminum Coated, Add* | *4.03* | |
| 32 31 13 13-0187 | LF | 7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 20.23 | 3.69 |
| | | *For 1-1/4" Mesh Fabric, Add* | *3.28* | |
| | | *For 13 Gauge Fabric, Deduct* | *-5.28* | |
| | | *For 11 Gauge Fabric, Deduct* | *-2.93* | |
| | | *For 6 Gauge Fabric, Add* | *9.38* | |
| | | *For 1" Mesh Fabric, Add* | *8.80* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *5.87* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *3.52* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-1.76* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.35* | |
| | | *For Aluminum Coated, Add* | *4.69* | |
| 32 31 13 13-0188 | LF | 8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 22.73 | 4.61 |
| | | *For 1-1/4" Mesh Fabric, Add* | *3.78* | |
| | | *For 13 Gauge Fabric, Deduct* | *-6.08* | |
| | | *For 11 Gauge Fabric, Deduct* | *-3.38* | |
| | | *For 6 Gauge Fabric, Add* | *10.81* | |
| | | *For 1" Mesh Fabric, Add* | *10.13* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *6.76* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *4.05* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.03* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-2.70* | |
| | | *For Aluminum Coated, Add* | *5.40* | |
| 32 31 13 13-0189 | LF | 10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 26.98 | 5.07 |
| | | *For 1-1/4" Mesh Fabric, Add* | *4.71* | |
| | | *For 13 Gauge Fabric, Deduct* | *-7.56* | |
| | | *For 11 Gauge Fabric, Deduct* | *-4.20* | |
| | | *For 6 Gauge Fabric, Add* | *13.45* | |
| | | *For 1" Mesh Fabric, Add* | *12.61* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *8.41* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *5.04* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.52* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.36* | |
| | | *For Aluminum Coated, Add* | *6.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0190 | LF | 12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 29.45 | 5.53 |
| | | *For 1-1/4" Mesh Fabric, Add* | *5.15* | |
| | | *For 13 Gauge Fabric, Deduct* | *-8.28* | |
| | | *For 11 Gauge Fabric, Deduct* | *-4.60* | |
| | | *For 6 Gauge Fabric, Add* | *14.71* | |
| | | *For 1" Mesh Fabric, Add* | *13.79* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *9.20* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *5.52* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-2.76* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-3.68* | |
| | | *For Aluminum Coated, Add* | *7.36* | |
| 32 31 13 13-0191 | LF | 14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 33.15 | 6.45 |
| | | *For 1-1/4" Mesh Fabric, Add* | *5.67* | |
| | | *For 13 Gauge Fabric, Deduct* | *-9.11* | |
| | | *For 11 Gauge Fabric, Deduct* | *-5.06* | |
| | | *For 6 Gauge Fabric, Add* | *16.19* | |
| | | *For 1" Mesh Fabric, Add* | *15.18* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *10.12* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *6.07* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-3.04* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-4.05* | |
| | | *For Aluminum Coated, Add* | *8.10* | |
| 32 31 13 13-0192 | LF | 16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh | 36.93 | 7.37 |
| | | *For 1-1/4" Mesh Fabric, Add* | *6.21* | |
| | | *For 13 Gauge Fabric, Deduct* | *-9.98* | |
| | | *For 11 Gauge Fabric, Deduct* | *-5.55* | |
| | | *For 6 Gauge Fabric, Add* | *17.74* | |
| | | *For 1" Mesh Fabric, Add* | *16.64* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *11.09* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *6.65* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-3.33* | |
| | | *For 2-3/8" Mesh Fabric, Deduct* | *-4.44* | |
| | | *For Aluminum Coated, Add* | *8.87* | |

## 32 31 13 13-0193 Fabric, Aluminized Steel Chain Link *(32 31 13 13-0170)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0194 | LF | 3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 9.37 | 1.84 |
| | | *For 6 Gauge Fabric, Add* | *2.70* | |
| | | *For 1" Mesh Fabric, Add* | *3.55* | |
| 32 31 13 13-0195 | LF | 3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 10.37 | 2.07 |
| | | *For 6 Gauge Fabric, Add* | *3.14* | |
| | | *For 1" Mesh Fabric, Add* | *4.12* | |
| 32 31 13 13-0196 | LF | 4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 11.40 | 2.30 |
| | | *For 6 Gauge Fabric, Add* | *3.59* | |
| | | *For 1" Mesh Fabric, Add* | *4.71* | |
| 32 31 13 13-0197 | LF | 5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 12.98 | 2.77 |
| | | *For 6 Gauge Fabric, Add* | *4.49* | |
| | | *For 1" Mesh Fabric, Add* | *5.89* | |
| 32 31 13 13-0198 | LF | 6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 14.60 | 3.23 |
| | | *For 6 Gauge Fabric, Add* | *5.37* | |
| | | *For 1" Mesh Fabric, Add* | *7.05* | |
| 32 31 13 13-0199 | LF | 7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 16.35 | 3.69 |
| | | *For 6 Gauge Fabric, Add* | *6.28* | |
| | | *For 1" Mesh Fabric, Add* | *8.24* | |
| 32 31 13 13-0200 | LF | 8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 18.18 | 4.61 |
| | | *For 6 Gauge Fabric, Add* | *7.17* | |
| | | *For 1" Mesh Fabric, Add* | *9.41* | |
| 32 31 13 13-0201 | LF | 10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 21.37 | 5.07 |
| | | *For 6 Gauge Fabric, Add* | *8.96* | |
| | | *For 1" Mesh Fabric, Add* | *11.76* | |
| 32 31 13 13-0202 | LF | 12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh | 24.50 | 5.53 |
| | | *For 6 Gauge Fabric, Add* | *10.75* | |
| | | *For 1" Mesh Fabric, Add* | *14.11* | |

## 32 31 13 13-0203 Fabric, All Aluminum Chain Link *(32 31 13 13-0170)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0204 | LF | 3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 14.82 | 1.84 |
| | | *For 6 Gauge Fabric, Add* | *7.06* | |
| | | *For 1" Mesh Fabric, Add* | *9.27* | |
| 32 31 13 13-0205 | LF | 3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 16.75 | 2.07 |
| | | *For 6 Gauge Fabric, Add* | *8.24* | |
| | | *For 1" Mesh Fabric, Add* | *10.82* | |
| 32 31 13 13-0206 | LF | 4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 18.68 | 2.30 |
| | | *For 6 Gauge Fabric, Add* | *9.42* | |
| | | *For 1" Mesh Fabric, Add* | *12.36* | |
| 32 31 13 13-0207 | LF | 5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 22.08 | 2.77 |
| | | *For 6 Gauge Fabric, Add* | *11.77* | |
| | | *For 1" Mesh Fabric, Add* | *15.45* | |
| 32 31 13 13-0208 | LF | 6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 25.55 | 3.23 |
| | | *For 6 Gauge Fabric, Add* | *14.13* | |
| | | *For 1" Mesh Fabric, Add* | *18.54* | |
| 32 31 13 13-0209 | LF | 7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 29.10 | 3.69 |
| | | *For 6 Gauge Fabric, Add* | *16.48* | |
| | | *For 1" Mesh Fabric, Add* | *21.63* | |
| 32 31 13 13-0210 | LF | 8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 32.76 | 4.61 |
| | | *For 6 Gauge Fabric, Add* | *18.83* | |
| | | *For 1" Mesh Fabric, Add* | *24.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0211 | LF | 10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 39.60 | 5.07 |
| | | *For 6 Gauge Fabric, Add* | *23.54* | |
| | | *For 1" Mesh Fabric, Add* | *30.90* | |
| 32 31 13 13-0212 | LF | 12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh | 46.37 | 5.53 |
| | | *For 6 Gauge Fabric, Add* | *28.25* | |
| | | *For 1" Mesh Fabric, Add* | *37.08* | |

### 32 31 13 13-0213 Fence Inserts *(32 31 13 13-0170)*
Note: For use with new or existing chain link fence, per lf of fence.

### 32 31 13 13-0214 Vinyl Plastic Fence Inserts *(32 31 13 13-0213)*
Note: Assorted colors.

| | | | |
|---|---|---|---|
| 32 31 13 13-0215 | LF | 3' High Fence, Vinyl Plastic Fence Insert | 7.88 |
| 32 31 13 13-0216 | LF | 3-1/2' High Fence, Vinyl Plastic Fence Insert | 8.97 |
| 32 31 13 13-0217 | LF | 4' High Fence, Vinyl Plastic Fence Insert | 9.89 |
| 32 31 13 13-0218 | LF | 5' High Fence, Vinyl Plastic Fence Insert | 12.40 |
| 32 31 13 13-0219 | LF | 6' High Fence, Vinyl Plastic Fence Insert | 14.85 |
| 32 31 13 13-0220 | LF | 7' High Fence, Vinyl Plastic Fence Insert | 17.36 |
| 32 31 13 13-0221 | LF | 8' High Fence, Vinyl Plastic Fence Insert | 19.79 |
| 32 31 13 13-0222 | LF | 10' High Fence, Vinyl Plastic Fence Insert | 24.31 |

### 32 31 13 13-0223 Aluminum Fence Inserts *(32 31 13 13-0213)*
Note: Assorted colors.

| | | | |
|---|---|---|---|
| 32 31 13 13-0224 | LF | 3' High Fence, Aluminum Fence Insert | 21.03 |
| 32 31 13 13-0225 | LF | 3-1/2' High Fence, Aluminum Fence Insert | 23.10 |
| 32 31 13 13-0226 | LF | 4' High Fence, Aluminum Fence Insert | 26.40 |
| 32 31 13 13-0227 | LF | 5' High Fence, Aluminum Fence Insert | 33.03 |
| 32 31 13 13-0228 | LF | 6' High Fence, Aluminum Fence Insert | 39.65 |
| 32 31 13 13-0229 | LF | 7' High Fence, Aluminum Fence Insert | 43.25 |
| 32 31 13 13-0230 | LF | 8' High Fence, Aluminum Fence Insert | 52.84 |
| 32 31 13 13-0231 | LF | 10' High Fence, Aluminum Fence Insert | 65.52 |

### 32 31 13 13-0232 Redwood Fence Inserts *(32 31 13 13-0213)*

| | | | |
|---|---|---|---|
| 32 31 13 13-0233 | LF | 4' High Fence, Redwood Fence Insert | 12.15 |
| 32 31 13 13-0234 | LF | 5' High Fence, Redwood Fence Insert | 15.34 |
| 32 31 13 13-0235 | LF | 6' High Fence, Redwood Fence Insert | 18.42 |
| 32 31 13 13-0236 | LF | 7' High Fence, Redwood Fence Insert | 21.45 |
| 32 31 13 13-0237 | LF | 8' High Fence, Redwood Fence Insert | 24.54 |

### 32 31 13 13-0238 Diagonal Flexible Polyethylene Inserts *(32 31 13 13-0213)*

| | | | |
|---|---|---|---|
| 32 31 13 13-0239 | SF | Diagonal Polyethylene Fence Weave | 3.14 |

### 32 31 13 13-0240 Hedge Link Fence Inserts *(32 31 13 13-0213)*

| | | | |
|---|---|---|---|
| 32 31 13 13-0241 | LF | 3' High Fence, Hedge Link Fence Insert | 17.20 |
| 32 31 13 13-0242 | LF | 3-1/2' High Fence, Hedge Link Fence Insert | 19.58 |
| 32 31 13 13-0243 | LF | 4' High Fence, Hedge Link Fence Insert | 22.86 |
| 32 31 13 13-0244 | LF | 5' High Fence, Hedge Link Fence Insert | 28.16 |
| 32 31 13 13-0245 | LF | 6' High Fence, Hedge Link Fence Insert | 32.13 |
| 32 31 13 13-0246 | LF | 7' High Fence, Hedge Link Fence Insert | 40.78 |
| 32 31 13 13-0247 | LF | 8' High Fence, Hedge Link Fence Insert | 46.29 |
| 32 31 13 13-0248 | LF | 10' High Fence, Hedge Link Fence Insert | 55.43 |
| 32 31 13 13-0249 | LF | 12' High Fence, Hedge Link Fence Insert | 63.60 |

### 32 31 13 13-0250 Fence Windscreen Fabric *(32 31 13 13-0170)*
Note: Includes plastic wire clips.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0251 | SF | Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY | 1.04 | 0.44 |
| | | *For Sewn Boxed Vent (Each), Add* | *24.53* | |
| | | *For Welded Boxed Vent (Each), Add* | *12.27* | |
| | | *For 4' x 4' One Color Logo (Each), Add* | *511.08* | |

### 32 31 13 13-0252 Non-Climbable Fabric, Galvanized Chain Link *(32 31 13 13-0170)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0253 | LF | 3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 27.69 | 1.84 |
| | | *For 11 Gauge, Deduct* | *-4.34* | |
| | | *For 10 Gauge, Deduct* | *-1.74* | |
| | | *For 7 Gauge, Add* | *2.60* | |
| | | *For 6 Gauge, Add* | *6.08* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-1.09* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-2.39* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-3.47* | |
| 32 31 13 13-0254 | LF | 3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 31.76 | 2.07 |
| | | *For 11 Gauge, Deduct* | *-5.06* | |
| | | *For 10 Gauge, Deduct* | *-2.02* | |
| | | *For 7 Gauge, Add* | *3.04* | |
| | | *For 6 Gauge, Add* | *7.09* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-1.27* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-2.78* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-4.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0255 | LF | 4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 35.87 | 2.30 |
| | | *For 11 Gauge, Deduct* | *-5.79* | |
| | | *For 10 Gauge, Deduct* | *-2.32* | |
| | | *For 7 Gauge, Add* | *3.48* | |
| | | *For 6 Gauge, Add* | *8.11* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-1.45* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-3.19* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-4.63* | |
| 32 31 13 13-0256 | LF | 5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 43.55 | 2.77 |
| | | *For 11 Gauge, Deduct* | *-7.24* | |
| | | *For 10 Gauge, Deduct* | *-2.89* | |
| | | *For 7 Gauge, Add* | *4.34* | |
| | | *For 6 Gauge, Add* | *10.13* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-1.81* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-3.98* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-5.79* | |
| 32 31 13 13-0257 | LF | 6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 51.29 | 3.23 |
| | | *For 11 Gauge, Deduct* | *-8.68* | |
| | | *For 10 Gauge, Deduct* | *-3.47* | |
| | | *For 7 Gauge, Add* | *5.21* | |
| | | *For 6 Gauge, Add* | *12.15* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-2.17* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-4.77* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-6.94* | |
| 32 31 13 13-0258 | LF | 7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 59.14 | 3.69 |
| | | *For 11 Gauge, Deduct* | *-10.13* | |
| | | *For 10 Gauge, Deduct* | *-4.05* | |
| | | *For 7 Gauge, Add* | *6.08* | |
| | | *For 6 Gauge, Add* | *14.18* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-2.53* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-5.57* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-8.10* | |
| 32 31 13 13-0259 | LF | 8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 67.10 | 4.61 |
| | | *For 11 Gauge, Deduct* | *-11.58* | |
| | | *For 10 Gauge, Deduct* | *-4.63* | |
| | | *For 7 Gauge, Add* | *6.95* | |
| | | *For 6 Gauge, Add* | *16.21* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-2.89* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-6.37* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-9.26* | |
| 32 31 13 13-0260 | LF | 9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 74.10 | 4.84 |
| | | *For 11 Gauge, Deduct* | *-12.88* | |
| | | *For 10 Gauge, Deduct* | *-5.15* | |
| | | *For 7 Gauge, Add* | *7.73* | |
| | | *For 6 Gauge, Add* | *18.04* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-3.22* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-7.09* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-10.31* | |
| 32 31 13 13-0261 | LF | 10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 81.14 | 5.07 |
| | | *For 11 Gauge, Deduct* | *-14.19* | |
| | | *For 10 Gauge, Deduct* | *-5.68* | |
| | | *For 7 Gauge, Add* | *8.52* | |
| | | *For 6 Gauge, Add* | *19.87* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-3.55* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-7.81* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-11.36* | |
| 32 31 13 13-0262 | LF | 12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh | 87.99 | 5.53 |
| | | *For 11 Gauge, Deduct* | *-15.39* | |
| | | *For 10 Gauge, Deduct* | *-6.15* | |
| | | *For 7 Gauge, Add* | *9.23* | |
| | | *For 6 Gauge, Add* | *21.54* | |
| | | *For 1/2" Mesh Fabric, Deduct* | *-3.85* | |
| | | *For 5/8" Mesh Fabric, Deduct* | *-8.46* | |
| | | *For 3/4" Mesh Fabric, Deduct* | *-12.31* | |

## 32 31 13 13-0263 Gates *(32 31 13 13)*

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 78 00 00-0001 for padlocks, 08 78 00 00-0002 for padlocks, 32 31 13 13-0001 for drilling for augering holes and backfill.

## 32 31 13 13-0264 Galvanized Steel Without Barbed Wire *(32 31 13 13-0263)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

## 32 31 13 13-0265 4' Fence Height *(32 31 13 13-0264)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0266 | EA | 3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire | 334.36 | 19.40 |
| | | *For Gate With Single Barb Wire Arm, Add* | *30.11* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *43.79* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-51.32* | |
| | | *For Aluminized Steel Gate And Post, Add* | *131.38* | |
| | | *For Powder Coated Gate And Post, Add* | *71.16* | |
| | | *For 1" Mesh Fabric, Add* | *119.06* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *76.64* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *47.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-23.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0267 | EA | 4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire | 425.60 | 20.22 |
| | | *For Gate With Single Barb Wire Arm, Add* | *40.14* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *58.39* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-68.43* | |
| | | *For Aluminized Steel Gate And Post, Add* | *175.18* | |
| | | *For Powder Coated Gate And Post, Add* | *94.89* | |
| | | *For 1" Mesh Fabric, Add* | *158.75* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *102.19* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *63.50* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-31.75* | |
| 32 31 13 13-0268 | EA | 5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire | 505.31 | 21.51 |
| | | *For Gate With Single Barb Wire Arm, Add* | *48.47* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *70.50* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-82.61* | |
| | | *For Aluminized Steel Gate And Post, Add* | *211.49* | |
| | | *For Powder Coated Gate And Post, Add* | *114.56* | |
| | | *For 1" Mesh Fabric, Add* | *191.67* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *123.37* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *76.67* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-38.33* | |
| 32 31 13 13-0269 | EA | 6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire | 593.91 | 25.88 |
| | | *For Gate With Single Barb Wire Arm, Add* | *56.79* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *82.60* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-96.80* | |
| | | *For Aluminized Steel Gate And Post, Add* | *247.81* | |
| | | *For Powder Coated Gate And Post, Add* | *134.23* | |
| | | *For 1" Mesh Fabric, Add* | *224.58* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *144.56* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *89.83* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-44.92* | |
| 32 31 13 13-0270 | EA | 7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire | 682.51 | 30.16 |
| | | *For Gate With Single Barb Wire Arm, Add* | *65.11* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *94.71* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-110.99* | |
| | | *For Aluminized Steel Gate And Post, Add* | *284.13* | |
| | | *For Powder Coated Gate And Post, Add* | *153.90* | |
| | | *For 1" Mesh Fabric, Add* | *257.49* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *165.74* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *103.00* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-51.50* | |
| 32 31 13 13-0271 | EA | 8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire | 774.22 | 34.45 |
| | | *For Gate With Single Barb Wire Arm, Add* | *73.78* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *107.31* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-125.76* | |
| | | *For Aluminized Steel Gate And Post, Add* | *321.94* | |
| | | *For Powder Coated Gate And Post, Add* | *174.38* | |
| | | *For 1" Mesh Fabric, Add* | *291.76* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *187.80* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *116.70* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-58.35* | |
| 32 31 13 13-0272 | EA | 9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire | 862.82 | 38.82 |
| | | *For Gate With Single Barb Wire Arm, Add* | *82.10* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *119.42* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-139.94* | |
| | | *For Aluminized Steel Gate And Post, Add* | *358.26* | |
| | | *For Powder Coated Gate And Post, Add* | *194.06* | |
| | | *For 1" Mesh Fabric, Add* | *324.67* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *208.98* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *129.87* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-64.93* | |
| 32 31 13 13-0273 | EA | 10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire | 952.74 | 43.10 |
| | | *For Gate With Single Barb Wire Arm, Add* | *90.57* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *131.74* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-154.38* | |
| | | *For Aluminized Steel Gate And Post, Add* | *395.21* | |
| | | *For Powder Coated Gate And Post, Add* | *214.07* | |
| | | *For 1" Mesh Fabric, Add* | *358.16* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *230.54* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *143.26* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-71.63* | |
| 32 31 13 13-0274 | EA | 10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 1,224.24 | 43.10 |
| | | *For Gate With Single Barb Wire Arm, Add* | *120.43* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *175.18* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-205.28* | |
| | | *For Aluminized Steel Gate And Post, Add* | *525.53* | |
| | | *For Powder Coated Gate And Post, Add* | *284.66* | |
| | | *For 1" Mesh Fabric, Add* | *476.26* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *306.56* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *190.50* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-95.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0275 | EA | 12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 1,452.45 | 46.18 |
| | | *For Gate With Single Barb Wire Arm, Add* | *144.52* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *210.21* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-246.34* | |
| | | *For Aluminized Steel Gate And Post, Add* | *630.63* | |
| | | *For Powder Coated Gate And Post, Add* | *341.59* | |
| | | *For 1" Mesh Fabric, Add* | *571.51* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *367.87* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *228.60* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-114.30* | |
| 32 31 13 13-0276 | EA | 14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 1,682.09 | 49.73 |
| | | *For Gate With Single Barb Wire Arm, Add* | *168.61* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *245.25* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-287.40* | |
| | | *For Aluminized Steel Gate And Post, Add* | *735.74* | |
| | | *For Powder Coated Gate And Post, Add* | *398.53* | |
| | | *For 1" Mesh Fabric, Add* | *666.76* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *429.18* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *266.71* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-133.35* | |
| 32 31 13 13-0277 | EA | 16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 1,913.49 | 53.86 |
| | | *For Gate With Single Barb Wire Arm, Add* | *192.69* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *280.28* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-328.46* | |
| | | *For Aluminized Steel Gate And Post, Add* | *840.84* | |
| | | *For Powder Coated Gate And Post, Add* | *455.46* | |
| | | *For 1" Mesh Fabric, Add* | *762.02* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *490.49* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *304.81* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-152.40* | |
| 32 31 13 13-0278 | EA | 18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 2,182.49 | 70.48 |
| | | *For Gate With Single Barb Wire Arm, Add* | *216.78* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *315.32* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-369.51* | |
| | | *For Aluminized Steel Gate And Post, Add* | *945.95* | |
| | | *For Powder Coated Gate And Post, Add* | *512.39* | |
| | | *For 1" Mesh Fabric, Add* | *857.27* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *551.80* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *342.91* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-171.45* | |
| 32 31 13 13-0279 | EA | 20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 2,416.59 | 75.54 |
| | | *For Gate With Single Barb Wire Arm, Add* | *240.87* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *350.35* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-410.57* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,051.06* | |
| | | *For Powder Coated Gate And Post, Add* | *569.32* | |
| | | *For 1" Mesh Fabric, Add* | *952.52* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *613.12* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *381.01* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-190.50* | |
| 32 31 13 13-0280 | EA | 22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 2,647.66 | 81.39 |
| | | *For Gate With Single Barb Wire Arm, Add* | *264.37* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *384.53* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-450.62* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,153.59* | |
| | | *For Powder Coated Gate And Post, Add* | *624.86* | |
| | | *For 1" Mesh Fabric, Add* | *1,045.44* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *672.93* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *418.18* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-209.09* | |
| 32 31 13 13-0281 | EA | 24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 2,881.65 | 88.14 |
| | | *For Gate With Single Barb Wire Arm, Add* | *287.86* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *418.71* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-490.68* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,256.14* | |
| | | *For Powder Coated Gate And Post, Add* | *680.41* | |
| | | *For 1" Mesh Fabric, Add* | *1,138.37* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *732.75* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *455.35* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-227.67* | |
| 32 31 13 13-0282 | EA | 26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 3,119.34 | 96.19 |
| | | *For Gate With Single Barb Wire Arm, Add* | *311.36* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *452.89* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-530.73* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,358.68* | |
| | | *For Powder Coated Gate And Post, Add* | *735.95* | |
| | | *For 1" Mesh Fabric, Add* | *1,231.30* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *792.56* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *492.52* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-246.26* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0283 | EA | 28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 3,281.74 | 105.81 |
| | | *For Gate With Single Barb Wire Arm, Add* | *326.05* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *474.26* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-555.77* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,422.77* | |
| | | *For Powder Coated Gate And Post, Add* | *770.67* | |
| | | *For 1" Mesh Fabric, Add* | *1,289.38* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *829.95* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *515.75* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-257.88* | |
| 32 31 13 13-0284 | EA | 30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire | 3,637.47 | 117.52 |
| | | *For Gate With Single Barb Wire Arm, Add* | *361.30* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *525.53* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-615.85* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,576.58* | |
| | | *For Powder Coated Gate And Post, Add* | *853.98* | |
| | | *For 1" Mesh Fabric, Add* | *1,428.77* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *919.67* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *571.51* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-285.75* | |
| **32 31 13 13-0285** | | **5' Fence Height** *(32 31 13 13-0264)* | | |
| 32 31 13 13-0286 | EA | 3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire | 402.95 | 21.51 |
| | | *For Gate With Single Barb Wire Arm, Add* | *37.21* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *54.12* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-63.42* | |
| | | *For Aluminized Steel Gate And Post, Add* | *162.36* | |
| | | *For Powder Coated Gate And Post, Add* | *87.95* | |
| | | *For 1" Mesh Fabric, Add* | *147.14* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *94.71* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *58.86* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-29.43* | |
| 32 31 13 13-0287 | EA | 4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire | 514.21 | 21.51 |
| | | *For Gate With Single Barb Wire Arm, Add* | *49.45* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *71.92* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-84.28* | |
| | | *For Aluminized Steel Gate And Post, Add* | *215.76* | |
| | | *For Powder Coated Gate And Post, Add* | *116.87* | |
| | | *For 1" Mesh Fabric, Add* | *195.54* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *125.86* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *78.21* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-39.11* | |
| 32 31 13 13-0288 | EA | 5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire | 602.82 | 22.89 |
| | | *For Gate With Single Barb Wire Arm, Add* | *58.75* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *85.45* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-100.14* | |
| | | *For Aluminized Steel Gate And Post, Add* | *256.35* | |
| | | *For Powder Coated Gate And Post, Add* | *138.86* | |
| | | *For 1" Mesh Fabric, Add* | *232.32* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *149.54* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *92.93* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-46.46* | |
| 32 31 13 13-0289 | EA | 6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire | 705.57 | 27.49 |
| | | *For Gate With Single Barb Wire Arm, Add* | *68.54* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *99.69* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-116.83* | |
| | | *For Aluminized Steel Gate And Post, Add* | *299.08* | |
| | | *For Powder Coated Gate And Post, Add* | *162.00* | |
| | | *For 1" Mesh Fabric, Add* | *271.04* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *174.46* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *108.42* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-54.21* | |
| 32 31 13 13-0290 | EA | 7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire | 799.42 | 32.03 |
| | | *For Gate With Single Barb Wire Arm, Add* | *77.35* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *112.51* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-131.85* | |
| | | *For Aluminized Steel Gate And Post, Add* | *337.53* | |
| | | *For Powder Coated Gate And Post, Add* | *182.83* | |
| | | *For 1" Mesh Fabric, Add* | *305.89* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *196.89* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *122.36* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-61.18* | |
| 32 31 13 13-0291 | EA | 8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire | 903.00 | 36.88 |
| | | *For Gate With Single Barb Wire Arm, Add* | *87.14* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *126.75* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-148.54* | |
| | | *For Aluminized Steel Gate And Post, Add* | *380.26* | |
| | | *For Powder Coated Gate And Post, Add* | *205.97* | |
| | | *For 1" Mesh Fabric, Add* | *344.61* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *221.82* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *137.84* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-68.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0292 | EA | 9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire | 1,001.30 | 41.48 |
| | | *For Gate With Single Barb Wire Arm, Add* | *96.44* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *140.28* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-164.39* | |
| | | *For Aluminized Steel Gate And Post, Add* | *420.85* | |
| | | *For Powder Coated Gate And Post, Add* | *227.96* | |
| | | *For 1" Mesh Fabric, Add* | *381.39* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *245.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *152.56* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-76.28* | |
| 32 31 13 13-0293 | EA | 10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire | 1,099.61 | 46.01 |
| | | *For Gate With Single Barb Wire Arm, Add* | *105.75* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *153.81* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-180.25* | |
| | | *For Aluminized Steel Gate And Post, Add* | *461.44* | |
| | | *For Powder Coated Gate And Post, Add* | *249.95* | |
| | | *For 1" Mesh Fabric, Add* | *418.18* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *269.17* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *167.27* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-83.64* | |
| 32 31 13 13-0294 | EA | 10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 1,495.17 | 46.18 |
| | | *For Gate With Single Barb Wire Arm, Add* | *149.22* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *217.05* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-254.35* | |
| | | *For Aluminized Steel Gate And Post, Add* | *651.14* | |
| | | *For Powder Coated Gate And Post, Add* | *352.70* | |
| | | *For 1" Mesh Fabric, Add* | *590.09* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *379.83* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *236.04* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-118.02* | |
| 32 31 13 13-0295 | EA | 12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 1,778.22 | 49.73 |
| | | *For Gate With Single Barb Wire Arm, Add* | *179.18* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *260.63* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-305.42* | |
| | | *For Aluminized Steel Gate And Post, Add* | *781.88* | |
| | | *For Powder Coated Gate And Post, Add* | *423.52* | |
| | | *For 1" Mesh Fabric, Add* | *708.58* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *456.10* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *283.43* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-141.72* | |
| 32 31 13 13-0296 | EA | 14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 2,063.03 | 53.86 |
| | | *For Gate With Single Barb Wire Arm, Add* | *209.14* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *304.21* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-356.49* | |
| | | *For Aluminized Steel Gate And Post, Add* | *912.62* | |
| | | *For Powder Coated Gate And Post, Add* | *494.34* | |
| | | *For 1" Mesh Fabric, Add* | *827.07* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *532.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *330.83* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-165.41* | |
| 32 31 13 13-0297 | EA | 16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 2,385.43 | 70.48 |
| | | *For Gate With Single Barb Wire Arm, Add* | *239.10* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *347.79* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-407.56* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,043.36* | |
| | | *For Powder Coated Gate And Post, Add* | *565.15* | |
| | | *For 1" Mesh Fabric, Add* | *945.55* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *608.63* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *378.22* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-189.11* | |
| 32 31 13 13-0298 | EA | 18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 2,667.60 | 75.54 |
| | | *For Gate With Single Barb Wire Arm, Add* | *268.48* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *390.51* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-457.63* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,171.54* | |
| | | *For Powder Coated Gate And Post, Add* | *634.58* | |
| | | *For 1" Mesh Fabric, Add* | *1,061.71* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *683.40* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *424.68* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-212.34* | |
| 32 31 13 13-0299 | EA | 20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 2,962.77 | 81.39 |
| | | *For Gate With Single Barb Wire Arm, Add* | *299.03* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *434.95* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-509.71* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,304.85* | |
| | | *For Powder Coated Gate And Post, Add* | *706.79* | |
| | | *For 1" Mesh Fabric, Add* | *1,182.52* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *761.16* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *473.01* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-236.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0300 | EA | 22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 3,255.50 | 88.14 |
| | | *For Gate With Single Barb Wire Arm, Add* | *328.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *478.53* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-560.78* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,435.58* | |
| | | *For Powder Coated Gate And Post, Add* | *777.61* | |
| | | *For 1" Mesh Fabric, Add* | *1,301.00* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *837.42* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *520.40* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-260.20* | |
| 32 31 13 13-0301 | EA | 24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 3,546.60 | 96.19 |
| | | *For Gate With Single Barb Wire Arm, Add* | *358.36* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *521.25* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-610.85* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,563.76* | |
| | | *For Powder Coated Gate And Post, Add* | *847.04* | |
| | | *For 1" Mesh Fabric, Add* | *1,417.16* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *912.20* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *566.86* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-283.43* | |
| 32 31 13 13-0302 | EA | 26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 3,853.20 | 105.81 |
| | | *For Gate With Single Barb Wire Arm, Add* | *388.91* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *565.69* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-662.92* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,697.07* | |
| | | *For Powder Coated Gate And Post, Add* | *919.25* | |
| | | *For 1" Mesh Fabric, Add* | *1,537.97* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *989.96* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *615.19* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-307.59* | |
| 32 31 13 13-0303 | EA | 28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 4,157.50 | 117.52 |
| | | *For Gate With Single Barb Wire Arm, Add* | *418.50* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *608.73* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-713.36* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,826.19* | |
| | | *For Powder Coated Gate And Post, Add* | *989.19* | |
| | | *For 1" Mesh Fabric, Add* | *1,654.99* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,065.28* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *662.00* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-331.00* | |
| 32 31 13 13-0304 | EA | 30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire | 4,466.68 | 132.22 |
| | | *For Gate With Single Barb Wire Arm, Add* | *447.66* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *651.14* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-763.06* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,953.42* | |
| | | *For Powder Coated Gate And Post, Add* | *1,058.10* | |
| | | *For 1" Mesh Fabric, Add* | *1,770.29* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,139.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *708.12* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-354.06* | |

### 32 31 13 13-0305 6' Fence Height *(32 31 13 13-0264)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0306 | EA | 3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire | 432.03 | 23.04 |
| | | *For Gate With Single Barb Wire Arm, Add* | *39.90* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *58.04* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-68.01* | |
| | | *For Aluminized Steel Gate And Post, Add* | *174.11* | |
| | | *For Powder Coated Gate And Post, Add* | *94.31* | |
| | | *For 1" Mesh Fabric, Add* | *157.78* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *101.56* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *63.11* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-31.56* | |
| 32 31 13 13-0307 | EA | 4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire | 552.20 | 23.04 |
| | | *For Gate With Single Barb Wire Arm, Add* | *53.12* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *77.26* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-90.54* | |
| | | *For Aluminized Steel Gate And Post, Add* | *231.79* | |
| | | *For Powder Coated Gate And Post, Add* | *125.55* | |
| | | *For 1" Mesh Fabric, Add* | *210.06* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *135.21* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *84.02* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-42.01* | |
| 32 31 13 13-0308 | EA | 5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire | 648.40 | 24.50 |
| | | *For Gate With Single Barb Wire Arm, Add* | *63.23* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *91.97* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-107.78* | |
| | | *For Aluminized Steel Gate And Post, Add* | *275.90* | |
| | | *For Powder Coated Gate And Post, Add* | *149.45* | |
| | | *For 1" Mesh Fabric, Add* | *250.04* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *160.94* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *100.02* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-50.01* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0309 | EA | 6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire | 752.09 | 29.60 |
| | | *For Gate With Single Barb Wire Arm, Add* | *72.95* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *106.10* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-124.34* | |
| | | *For Aluminized Steel Gate And Post, Add* | *318.31* | |
| | | *For Powder Coated Gate And Post, Add* | *172.42* | |
| | | *For 1" Mesh Fabric, Add* | *288.47* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *185.68* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *115.39* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-57.69* | |
| 32 31 13 13-0310 | EA | 7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire | 860.91 | 34.77 |
| | | *For Gate With Single Barb Wire Arm, Add* | *83.23* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *121.06* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-141.86* | |
| | | *For Aluminized Steel Gate And Post, Add* | *363.17* | |
| | | *For Powder Coated Gate And Post, Add* | *196.72* | |
| | | *For 1" Mesh Fabric, Add* | *329.12* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *211.85* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *131.65* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-65.82* | |
| 32 31 13 13-0311 | EA | 8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire | 964.48 | 39.62 |
| | | *For Gate With Single Barb Wire Arm, Add* | *93.02* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *135.30* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-158.55* | |
| | | *For Aluminized Steel Gate And Post, Add* | *405.89* | |
| | | *For Powder Coated Gate And Post, Add* | *219.86* | |
| | | *For 1" Mesh Fabric, Add* | *367.84* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *236.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *147.14* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-73.57* | |
| 32 31 13 13-0312 | EA | 9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire | 1,068.87 | 44.72 |
| | | *For Gate With Single Barb Wire Arm, Add* | *102.81* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *149.54* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-175.24* | |
| | | *For Aluminized Steel Gate And Post, Add* | *448.62* | |
| | | *For Powder Coated Gate And Post, Add* | *243.00* | |
| | | *For 1" Mesh Fabric, Add* | *406.56* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *261.70* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *162.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-81.31* | |
| 32 31 13 13-0313 | EA | 10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire | 1,133.17 | 49.82 |
| | | *For Gate With Single Barb Wire Arm, Add* | *108.19* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *157.37* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-184.42* | |
| | | *For Aluminized Steel Gate And Post, Add* | *472.12* | |
| | | *For Powder Coated Gate And Post, Add* | *255.73* | |
| | | *For 1" Mesh Fabric, Add* | *427.86* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *275.40* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *171.14* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-85.57* | |
| 32 31 13 13-0314 | EA | 10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 1,596.64 | 49.73 |
| | | *For Gate With Single Barb Wire Arm, Add* | *159.21* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *231.57* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-271.38* | |
| | | *For Aluminized Steel Gate And Post, Add* | *694.72* | |
| | | *For Powder Coated Gate And Post, Add* | *376.31* | |
| | | *For 1" Mesh Fabric, Add* | *629.59* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *405.26* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *251.84* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-125.92* | |
| 32 31 13 13-0315 | EA | 12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 1,897.46 | 53.86 |
| | | *For Gate With Single Barb Wire Arm, Add* | *190.93* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *277.72* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-325.45* | |
| | | *For Aluminized Steel Gate And Post, Add* | *833.15* | |
| | | *For Powder Coated Gate And Post, Add* | *451.29* | |
| | | *For 1" Mesh Fabric, Add* | *755.04* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *486.00* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *302.02* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-151.01* | |
| 32 31 13 13-0316 | EA | 14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 2,256.36 | 75.54 |
| | | *For Gate With Single Barb Wire Arm, Add* | *223.24* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *324.72* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-380.53* | |
| | | *For Aluminized Steel Gate And Post, Add* | *974.15* | |
| | | *For Powder Coated Gate And Post, Add* | *527.66* | |
| | | *For 1" Mesh Fabric, Add* | *882.82* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *568.25* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *353.13* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-176.56* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0317 | EA | 16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 2,562.21 | 81.39 |
| | | *For Gate With Single Barb Wire Arm, Add* | *254.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *370.86* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-434.60* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,112.58* | |
| | | *For Powder Coated Gate And Post, Add* | *602.65* | |
| | | *For 1" Mesh Fabric, Add* | *1,008.27* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *649.00* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *403.31* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-201.65* | |
| 32 31 13 13-0318 | EA | 18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 2,876.31 | 88.14 |
| | | *For Gate With Single Barb Wire Arm, Add* | *287.28* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *417.86* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-489.68* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,253.57* | |
| | | *For Powder Coated Gate And Post, Add* | *679.02* | |
| | | *For 1" Mesh Fabric, Add* | *1,136.05* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *731.25* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *454.42* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-227.21* | |
| 32 31 13 13-0319 | EA | 20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 3,194.11 | 96.19 |
| | | *For Gate With Single Barb Wire Arm, Add* | *319.59* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *464.86* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-544.75* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,394.57* | |
| | | *For Powder Coated Gate And Post, Add* | *755.39* | |
| | | *For 1" Mesh Fabric, Add* | *1,263.83* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *813.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *505.53* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-252.77* | |
| 32 31 13 13-0320 | EA | 22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 3,511.39 | 105.81 |
| | | *For Gate With Single Barb Wire Arm, Add* | *351.31* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *511.00* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-598.83* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,533.00* | |
| | | *For Powder Coated Gate And Post, Add* | *830.38* | |
| | | *For 1" Mesh Fabric, Add* | *1,389.28* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *894.25* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *555.71* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-277.86* | |
| 32 31 13 13-0321 | EA | 24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 3,837.75 | 117.52 |
| | | *For Gate With Single Barb Wire Arm, Add* | *383.33* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *557.57* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-653.40* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,672.71* | |
| | | *For Powder Coated Gate And Post, Add* | *906.05* | |
| | | *For 1" Mesh Fabric, Add* | *1,515.90* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *975.75* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *606.36* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-303.18* | |
| 32 31 13 13-0322 | EA | 26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 4,169.73 | 132.22 |
| | | *For Gate With Single Barb Wire Arm, Add* | *414.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *603.63* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-707.38* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,810.89* | |
| | | *For Powder Coated Gate And Post, Add* | *980.90* | |
| | | *For 1" Mesh Fabric, Add* | *1,641.12* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,056.35* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *656.45* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-328.22* | |
| 32 31 13 13-0323 | EA | 28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 4,518.07 | 151.07 |
| | | *For Gate With Single Barb Wire Arm, Add* | *447.07* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *650.29* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-762.05* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,950.86* | |
| | | *For Powder Coated Gate And Post, Add* | *1,056.72* | |
| | | *For 1" Mesh Fabric, Add* | *1,767.97* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,138.00* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *707.19* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-353.59* | |
| 32 31 13 13-0324 | EA | 30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire | 4,885.83 | 176.29 |
| | | *For Gate With Single Barb Wire Arm, Add* | *479.21* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *697.03* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-816.83* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,091.09* | |
| | | *For Powder Coated Gate And Post, Add* | *1,132.67* | |
| | | *For 1" Mesh Fabric, Add* | *1,895.05* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,219.80* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *758.02* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-379.01* | |

32 31 13 13-0325 7' Fence Height *(32 31 13 13-0264)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0326 | EA | 3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire | 452.95 | 24.83 |
| | | *For Gate With Single Barb Wire Arm, Add* | *41.61* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *60.53* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-70.93* | |
| | | *For Aluminized Steel Gate And Post, Add* | *181.58* | |
| | | *For Powder Coated Gate And Post, Add* | *98.36* | |
| | | *For 1" Mesh Fabric, Add* | *164.56* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *105.92* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *65.82* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-32.91* | |
| 32 31 13 13-0327 | EA | 4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire | 577.57 | 24.83 |
| | | *For Gate With Single Barb Wire Arm, Add* | *55.32* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *80.47* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-94.30* | |
| | | *For Aluminized Steel Gate And Post, Add* | *241.40* | |
| | | *For Powder Coated Gate And Post, Add* | *130.76* | |
| | | *For 1" Mesh Fabric, Add* | *218.77* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *140.82* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *87.51* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-43.75* | |
| 32 31 13 13-0328 | EA | 5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire | 682.30 | 26.12 |
| | | *For Gate With Single Barb Wire Arm, Add* | *66.42* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *96.62* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-113.22* | |
| | | *For Aluminized Steel Gate And Post, Add* | *289.85* | |
| | | *For Powder Coated Gate And Post, Add* | *157.00* | |
| | | *For 1" Mesh Fabric, Add* | *262.68* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *169.08* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *105.07* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-52.54* | |
| 32 31 13 13-0329 | EA | 6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire | 836.36 | 31.78 |
| | | *For Gate With Single Barb Wire Arm, Add* | *81.50* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *118.55* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-138.93* | |
| | | *For Aluminized Steel Gate And Post, Add* | *355.65* | |
| | | *For Powder Coated Gate And Post, Add* | *192.64* | |
| | | *For 1" Mesh Fabric, Add* | *322.31* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *207.46* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *128.92* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-64.46* | |
| 32 31 13 13-0330 | EA | 7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire | 989.65 | 37.20 |
| | | *For Gate With Single Barb Wire Arm, Add* | *96.59* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *140.49* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-164.64* | |
| | | *For Aluminized Steel Gate And Post, Add* | *421.47* | |
| | | *For Powder Coated Gate And Post, Add* | *228.30* | |
| | | *For 1" Mesh Fabric, Add* | *381.96* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *245.86* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *152.78* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-76.39* | |
| 32 31 13 13-0331 | EA | 8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire | 1,143.71 | 42.78 |
| | | *For Gate With Single Barb Wire Arm, Add* | *111.67* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *162.42* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-190.34* | |
| | | *For Aluminized Steel Gate And Post, Add* | *487.27* | |
| | | *For Powder Coated Gate And Post, Add* | *263.94* | |
| | | *For 1" Mesh Fabric, Add* | *441.59* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *284.24* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *176.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-88.32* | |
| 32 31 13 13-0332 | EA | 9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire | 1,297.01 | 48.19 |
| | | *For Gate With Single Barb Wire Arm, Add* | *126.75* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *184.36* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-216.05* | |
| | | *For Aluminized Steel Gate And Post, Add* | *553.08* | |
| | | *For Powder Coated Gate And Post, Add* | *299.59* | |
| | | *For 1" Mesh Fabric, Add* | *501.23* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *322.63* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *200.49* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-100.25* | |
| 32 31 13 13-0333 | EA | 10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire | 1,426.37 | 53.86 |
| | | *For Gate With Single Barb Wire Arm, Add* | *139.11* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *202.34* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-237.12* | |
| | | *For Aluminized Steel Gate And Post, Add* | *607.03* | |
| | | *For Powder Coated Gate And Post, Add* | *328.81* | |
| | | *For 1" Mesh Fabric, Add* | *550.12* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *354.10* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *220.05* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-110.02* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0334 | EA | 10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 1,821.73 | 53.86 |
| | | *For Gate With Single Barb Wire Arm, Add* | *182.60* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *265.60* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-311.25* | |
| | | *For Aluminized Steel Gate And Post, Add* | *796.80* | |
| | | *For Powder Coated Gate And Post, Add* | *431.60* | |
| | | *For 1" Mesh Fabric, Add* | *722.10* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *464.80* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *288.84* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-144.42* | |
| 32 31 13 13-0335 | EA | 12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 2,072.67 | 75.54 |
| | | *For Gate With Single Barb Wire Arm, Add* | *203.04* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *295.32* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-346.08* | |
| | | *For Aluminized Steel Gate And Post, Add* | *885.97* | |
| | | *For Powder Coated Gate And Post, Add* | *479.90* | |
| | | *For 1" Mesh Fabric, Add* | *802.91* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *516.82* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *321.17* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-160.58* | |
| 32 31 13 13-0336 | EA | 14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 2,397.75 | 81.39 |
| | | *For Gate With Single Barb Wire Arm, Add* | *236.88* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *344.55* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-403.76* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,033.64* | |
| | | *For Powder Coated Gate And Post, Add* | *559.89* | |
| | | *For 1" Mesh Fabric, Add* | *936.73* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *602.95* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *374.69* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-187.35* | |
| 32 31 13 13-0337 | EA | 16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 2,700.07 | 88.14 |
| | | *For Gate With Single Barb Wire Arm, Add* | *267.89* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *389.66* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-456.63* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,168.98* | |
| | | *For Powder Coated Gate And Post, Add* | *633.20* | |
| | | *For 1" Mesh Fabric, Add* | *1,059.39* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *681.90* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *423.75* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-211.88* | |
| 32 31 13 13-0338 | EA | 18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 3,033.89 | 96.19 |
| | | *For Gate With Single Barb Wire Arm, Add* | *301.96* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *439.22* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-514.71* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,317.66* | |
| | | *For Powder Coated Gate And Post, Add* | *713.73* | |
| | | *For 1" Mesh Fabric, Add* | *1,194.13* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *768.64* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *477.65* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-238.83* | |
| 32 31 13 13-0339 | EA | 20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 3,367.19 | 105.81 |
| | | *For Gate With Single Barb Wire Arm, Add* | *335.45* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *487.93* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-571.79* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,463.78* | |
| | | *For Powder Coated Gate And Post, Add* | *792.88* | |
| | | *For 1" Mesh Fabric, Add* | *1,326.55* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *853.87* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *530.62* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-265.31* | |
| 32 31 13 13-0340 | EA | 22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 3,706.90 | 117.52 |
| | | *For Gate With Single Barb Wire Arm, Add* | *368.94* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *536.64* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-628.87* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,609.91* | |
| | | *For Powder Coated Gate And Post, Add* | *872.03* | |
| | | *For 1" Mesh Fabric, Add* | *1,458.98* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *939.11* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *583.59* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-291.80* | |
| 32 31 13 13-0341 | EA | 24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 4,055.44 | 132.22 |
| | | *For Gate With Single Barb Wire Arm, Add* | *402.42* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *585.34* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-685.95* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,756.03* | |
| | | *For Powder Coated Gate And Post, Add* | *951.18* | |
| | | *For 1" Mesh Fabric, Add* | *1,591.40* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,024.35* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *636.56* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-318.28* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0342 | EA | 26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 4,416.59 | 151.07 |
| | | *For Gate With Single Barb Wire Arm, Add* | *435.91* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *634.05* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-743.03* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,902.15* | |
| | | *For Powder Coated Gate And Post, Add* | *1,030.33* | |
| | | *For 1" Mesh Fabric, Add* | *1,723.82* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,109.59* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *689.53* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-344.76* | |
| 32 31 13 13-0343 | EA | 28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 4,796.64 | 176.29 |
| | | *For Gate With Single Barb Wire Arm, Add* | *469.40* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *682.76* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-800.11* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,048.28* | |
| | | *For Powder Coated Gate And Post, Add* | *1,109.48* | |
| | | *For 1" Mesh Fabric, Add* | *1,856.25* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,194.83* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *742.50* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-371.25* | |
| 32 31 13 13-0344 | EA | 30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire | 5,206.95 | 211.53 |
| | | *For Gate With Single Barb Wire Arm, Add* | *502.88* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *731.47* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-857.19* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,194.40* | |
| | | *For Powder Coated Gate And Post, Add* | *1,188.63* | |
| | | *For 1" Mesh Fabric, Add* | *1,988.67* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,280.06* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *795.47* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-397.73* | |

## 32 31 13 13-0345 8' Fence Height *(32 31 13 13-0264)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0346 | EA | 3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire | 532.67 | 26.93 |
| | | *For Gate With Single Barb Wire Arm, Add* | *49.70* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *72.29* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-84.71* | |
| | | *For Aluminized Steel Gate And Post, Add* | *216.86* | |
| | | *For Powder Coated Gate And Post, Add* | *117.47* | |
| | | *For 1" Mesh Fabric, Add* | *196.53* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *126.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *78.61* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-39.31* | |
| 32 31 13 13-0347 | EA | 4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire | 683.28 | 26.93 |
| | | *For Gate With Single Barb Wire Arm, Add* | *66.27* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *96.39* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-112.95* | |
| | | *For Aluminized Steel Gate And Post, Add* | *289.16* | |
| | | *For Powder Coated Gate And Post, Add* | *156.63* | |
| | | *For 1" Mesh Fabric, Add* | *262.05* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *168.67* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *104.82* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-52.41* | |
| 32 31 13 13-0348 | EA | 5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire | 798.66 | 30.00 |
| | | *For Gate With Single Barb Wire Arm, Add* | *77.93* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *113.36* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-132.84* | |
| | | *For Aluminized Steel Gate And Post, Add* | *340.08* | |
| | | *For Powder Coated Gate And Post, Add* | *184.21* | |
| | | *For 1" Mesh Fabric, Add* | *308.19* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *198.38* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *123.28* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-61.64* | |
| 32 31 13 13-0349 | EA | 6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire | 916.48 | 33.97 |
| | | *For Gate With Single Barb Wire Arm, Add* | *89.60* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *130.33* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-152.74* | |
| | | *For Aluminized Steel Gate And Post, Add* | *391.00* | |
| | | *For Powder Coated Gate And Post, Add* | *211.79* | |
| | | *For 1" Mesh Fabric, Add* | *354.35* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *228.09* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *141.74* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-70.87* | |
| 32 31 13 13-0350 | EA | 7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire | 1,043.61 | 40.92 |
| | | *For Gate With Single Barb Wire Arm, Add* | *101.28* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *147.31* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-172.63* | |
| | | *For Aluminized Steel Gate And Post, Add* | *441.94* | |
| | | *For Powder Coated Gate And Post, Add* | *239.38* | |
| | | *For 1" Mesh Fabric, Add* | *400.50* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *257.80* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *160.20* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-80.10* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0351 | EA | 8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire | 1,169.94 | 47.63 |
| | | *For Gate With Single Barb Wire Arm, Add* | *112.95* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *164.29* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-192.53* | |
| | | *For Aluminized Steel Gate And Post, Add* | *492.86* | |
| | | *For Powder Coated Gate And Post, Add* | *266.97* | |
| | | *For 1" Mesh Fabric, Add* | *446.66* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *287.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *178.66* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-89.33* | |
| 32 31 13 13-0352 | EA | 9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire | 1,297.07 | 54.67 |
| | | *For Gate With Single Barb Wire Arm, Add* | *124.62* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *181.26* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-212.42* | |
| | | *For Aluminized Steel Gate And Post, Add* | *543.79* | |
| | | *For Powder Coated Gate And Post, Add* | *294.55* | |
| | | *For 1" Mesh Fabric, Add* | *492.81* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *317.21* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *197.12* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-98.56* | |
| 32 31 13 13-0353 | EA | 10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire | 1,424.17 | 61.70 |
| | | *For Gate With Single Barb Wire Arm, Add* | *136.29* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *198.24* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-232.31* | |
| | | *For Aluminized Steel Gate And Post, Add* | *594.72* | |
| | | *For Powder Coated Gate And Post, Add* | *322.14* | |
| | | *For 1" Mesh Fabric, Add* | *538.97* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *346.92* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *215.59* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-107.79* | |
| 32 31 13 13-0354 | EA | 10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 2,085.42 | 75.54 |
| | | *For Gate With Single Barb Wire Arm, Add* | *204.44* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *297.36* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-348.47* | |
| | | *For Aluminized Steel Gate And Post, Add* | *892.09* | |
| | | *For Powder Coated Gate And Post, Add* | *483.22* | |
| | | *For 1" Mesh Fabric, Add* | *808.46* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *520.39* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *323.38* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-161.69* | |
| 32 31 13 13-0355 | EA | 12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 2,460.74 | 81.39 |
| | | *For Gate With Single Barb Wire Arm, Add* | *243.80* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *354.62* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-415.58* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,063.87* | |
| | | *For Powder Coated Gate And Post, Add* | *576.26* | |
| | | *For 1" Mesh Fabric, Add* | *964.13* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *620.59* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *385.65* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-192.83* | |
| 32 31 13 13-0356 | EA | 14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 2,844.27 | 88.14 |
| | | *For Gate With Single Barb Wire Arm, Add* | *283.75* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *412.73* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-483.67* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,238.19* | |
| | | *For Powder Coated Gate And Post, Add* | *670.69* | |
| | | *For 1" Mesh Fabric, Add* | *1,122.11* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *722.28* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *448.85* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-224.42* | |
| 32 31 13 13-0357 | EA | 16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 3,242.18 | 96.19 |
| | | *For Gate With Single Barb Wire Arm, Add* | *324.88* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *472.55* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-553.77* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,417.64* | |
| | | *For Powder Coated Gate And Post, Add* | *767.89* | |
| | | *For 1" Mesh Fabric, Add* | *1,284.74* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *826.96* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *513.90* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-256.95* | |
| 32 31 13 13-0358 | EA | 18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 3,644.91 | 105.81 |
| | | *For Gate With Single Barb Wire Arm, Add* | *366.00* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *532.36* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-623.86* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,597.09* | |
| | | *For Powder Coated Gate And Post, Add* | *865.09* | |
| | | *For 1" Mesh Fabric, Add* | *1,447.36* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *931.64* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *578.94* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-289.47* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0359 | EA | 20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 4,048.71 | 117.52 |
| | | *For Gate With Single Barb Wire Arm, Add* | *406.54* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *591.32* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-692.96* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,773.97* | |
| | | *For Powder Coated Gate And Post, Add* | *960.90* | |
| | | *For 1" Mesh Fabric, Add* | *1,607.66* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,034.82* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *643.07* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-321.53* | |
| 32 31 13 13-0360 | EA | 22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 4,456.00 | 132.22 |
| | | *For Gate With Single Barb Wire Arm, Add* | *446.48* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *649.43* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-761.05* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,948.30* | |
| | | *For Powder Coated Gate And Post, Add* | *1,055.33* | |
| | | *For 1" Mesh Fabric, Add* | *1,765.64* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,136.51* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *706.26* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-353.13* | |
| 32 31 13 13-0361 | EA | 24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 4,886.58 | 151.07 |
| | | *For Gate With Single Barb Wire Arm, Add* | *487.61* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *709.25* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-831.15* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,127.74* | |
| | | *For Powder Coated Gate And Post, Add* | *1,152.53* | |
| | | *For 1" Mesh Fabric, Add* | *1,928.27* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,241.18* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *771.31* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-385.65* | |
| 32 31 13 13-0362 | EA | 26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 5,336.05 | 176.29 |
| | | *For Gate With Single Barb Wire Arm, Add* | *528.73* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *769.06* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-901.25* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,307.19* | |
| | | *For Powder Coated Gate And Post, Add* | *1,249.73* | |
| | | *For 1" Mesh Fabric, Add* | *2,090.89* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,345.86* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *836.36* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-418.18* | |
| 32 31 13 13-0363 | EA | 28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 5,810.45 | 211.53 |
| | | *For Gate With Single Barb Wire Arm, Add* | *569.27* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *828.03* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-970.34* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,484.08* | |
| | | *For Powder Coated Gate And Post, Add* | *1,345.54* | |
| | | *For 1" Mesh Fabric, Add* | *2,251.19* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,449.04* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *900.48* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-450.24* | |
| 32 31 13 13-0364 | EA | 30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire | 6,337.78 | 264.43 |
| | | *For Gate With Single Barb Wire Arm, Add* | *609.80* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *886.99* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,039.44* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,660.96* | |
| | | *For Powder Coated Gate And Post, Add* | *1,441.35* | |
| | | *For 1" Mesh Fabric, Add* | *2,411.50* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,552.23* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *964.60* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-482.30* | |

### 32 31 13 13-0365 10' Fence Height *(32 31 13 13-0264)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0366 | EA | 3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire | 674.09 | 29.92 |
| | | *For Gate With Single Barb Wire Arm, Add* | *64.27* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *93.48* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-109.55* | |
| | | *For Aluminized Steel Gate And Post, Add* | *280.44* | |
| | | *For Powder Coated Gate And Post, Add* | *151.90* | |
| | | *For 1" Mesh Fabric, Add* | *254.14* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *163.59* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *101.66* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-50.83* | |
| 32 31 13 13-0367 | EA | 4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire | 868.83 | 29.92 |
| | | *For Gate With Single Barb Wire Arm, Add* | *85.69* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *124.64* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-146.06* | |
| | | *For Aluminized Steel Gate And Post, Add* | *373.91* | |
| | | *For Powder Coated Gate And Post, Add* | *202.53* | |
| | | *For 1" Mesh Fabric, Add* | *338.86* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *218.11* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *135.54* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-67.77* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0368 | EA | 5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire | 1,010.00 | 31.21 |
| | | *For Gate With Single Barb Wire Arm, Add* | *100.78* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *146.59* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-171.79* | |
| | | *For Aluminized Steel Gate And Post, Add* | *439.78* | |
| | | *For Powder Coated Gate And Post, Add* | *238.21* | |
| | | *For 1" Mesh Fabric, Add* | *398.55* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *256.54* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *159.42* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-79.71* | |
| 32 31 13 13-0369 | EA | 6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire | 1,169.86 | 38.82 |
| | | *For Gate With Single Barb Wire Arm, Add* | *115.88* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *168.55* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-197.51* | |
| | | *For Aluminized Steel Gate And Post, Add* | *505.64* | |
| | | *For Powder Coated Gate And Post, Add* | *273.89* | |
| | | *For 1" Mesh Fabric, Add* | *458.23* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *294.95* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *183.29* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-91.65* | |
| 32 31 13 13-0370 | EA | 7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire | 1,329.21 | 46.01 |
| | | *For Gate With Single Barb Wire Arm, Add* | *130.96* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *190.49* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-223.23* | |
| | | *For Aluminized Steel Gate And Post, Add* | *571.48* | |
| | | *For Powder Coated Gate And Post, Add* | *309.55* | |
| | | *For 1" Mesh Fabric, Add* | *517.90* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *333.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *207.16* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-103.58* | |
| 32 31 13 13-0371 | EA | 8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire | 1,488.71 | 53.62 |
| | | *For Gate With Single Barb Wire Arm, Add* | *146.06* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *212.45* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-248.96* | |
| | | *For Aluminized Steel Gate And Post, Add* | *637.34* | |
| | | *For Powder Coated Gate And Post, Add* | *345.23* | |
| | | *For 1" Mesh Fabric, Add* | *577.59* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *371.78* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *231.04* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-115.52* | |
| 32 31 13 13-0372 | EA | 9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire | 1,647.75 | 60.90 |
| | | *For Gate With Single Barb Wire Arm, Add* | *161.15* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *234.40* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-274.69* | |
| | | *For Aluminized Steel Gate And Post, Add* | *703.20* | |
| | | *For Powder Coated Gate And Post, Add* | *380.90* | |
| | | *For 1" Mesh Fabric, Add* | *637.28* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *410.20* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *254.91* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-127.46* | |
| 32 31 13 13-0373 | EA | 10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire | 1,807.62 | 68.41 |
| | | *For Gate With Single Barb Wire Arm, Add* | *176.24* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *256.36* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-300.42* | |
| | | *For Aluminized Steel Gate And Post, Add* | *769.07* | |
| | | *For Powder Coated Gate And Post, Add* | *416.58* | |
| | | *For 1" Mesh Fabric, Add* | *696.97* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *448.62* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *278.79* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-139.39* | |
| 32 31 13 13-0374 | EA | 10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 2,655.40 | 83.97 |
| | | *For Gate With Single Barb Wire Arm, Add* | *264.36* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *384.53* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-450.62* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,153.58* | |
| | | *For Powder Coated Gate And Post, Add* | *624.86* | |
| | | *For 1" Mesh Fabric, Add* | *1,045.44* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *672.92* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *418.17* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-209.09* | |
| 32 31 13 13-0375 | EA | 12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 2,888.38 | 90.33 |
| | | *For Gate With Single Barb Wire Arm, Add* | *287.87* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *418.72* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-490.69* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,256.16* | |
| | | *For Powder Coated Gate And Post, Add* | *680.42* | |
| | | *For 1" Mesh Fabric, Add* | *1,138.39* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *732.76* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *455.36* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-227.68* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0376 | EA | 14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 3,295.59 | 97.97 |
| | | *For Gate With Single Barb Wire Arm, Add* | *330.16* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *480.24* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-562.78* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,440.71* | |
| | | *For Powder Coated Gate And Post, Add* | *780.38* | |
| | | *For 1" Mesh Fabric, Add* | *1,305.64* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *840.41* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *522.26* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-261.13* | |
| 32 31 13 13-0377 | EA | 16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 3,749.46 | 106.81 |
| | | *For Gate With Single Barb Wire Arm, Add* | *377.16* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *548.60* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-642.89* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,645.80* | |
| | | *For Powder Coated Gate And Post, Add* | *891.47* | |
| | | *For 1" Mesh Fabric, Add* | *1,491.50* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *960.05* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *596.60* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-298.30* | |
| 32 31 13 13-0378 | EA | 18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 4,208.93 | 117.52 |
| | | *For Gate With Single Barb Wire Arm, Add* | *424.16* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *616.96* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-723.00* | |
| | | *For Aluminized Steel Gate And Post, Add* | *1,850.88* | |
| | | *For Powder Coated Gate And Post, Add* | *1,002.56* | |
| | | *For 1" Mesh Fabric, Add* | *1,677.36* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,079.68* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *670.94* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-335.47* | |
| 32 31 13 13-0379 | EA | 20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 4,677.88 | 130.53 |
| | | *For Gate With Single Barb Wire Arm, Add* | *471.45* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *685.75* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-803.61* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,057.25* | |
| | | *For Powder Coated Gate And Post, Add* | *1,114.34* | |
| | | *For 1" Mesh Fabric, Add* | *1,864.38* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,200.06* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *745.75* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-372.88* | |
| 32 31 13 13-0380 | EA | 22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 5,157.02 | 146.91 |
| | | *For Gate With Single Barb Wire Arm, Add* | *518.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *754.54* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-884.22* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,263.61* | |
| | | *For Powder Coated Gate And Post, Add* | *1,226.12* | |
| | | *For 1" Mesh Fabric, Add* | *2,051.40* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,320.44* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *820.56* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-410.28* | |
| 32 31 13 13-0381 | EA | 24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 5,646.98 | 167.75 |
| | | *For Gate With Single Barb Wire Arm, Add* | *565.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *822.90* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-964.33* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,468.69* | |
| | | *For Powder Coated Gate And Post, Add* | *1,337.21* | |
| | | *For 1" Mesh Fabric, Add* | *2,237.25* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,440.07* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *894.90* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-447.45* | |
| 32 31 13 13-0382 | EA | 26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 6,158.60 | 195.84 |
| | | *For Gate With Single Barb Wire Arm, Add* | *612.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *891.26* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,044.44* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,673.78* | |
| | | *For Powder Coated Gate And Post, Add* | *1,448.30* | |
| | | *For 1" Mesh Fabric, Add* | *2,423.11* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,559.70* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *969.24* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-484.62* | |
| 32 31 13 13-0383 | EA | 28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 6,702.88 | 234.86 |
| | | *For Gate With Single Barb Wire Arm, Add* | *659.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *959.62* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,124.56* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,878.86* | |
| | | *For Powder Coated Gate And Post, Add* | *1,559.38* | |
| | | *For 1" Mesh Fabric, Add* | *2,608.97* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,679.34* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,043.59* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-521.79* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0384 | EA | 30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire | 7,312.57 | 293.82 |
| | | *For Gate With Single Barb Wire Arm, Add* | *707.33* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,028.84* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,205.67* | |
| | | *For Aluminized Steel Gate And Post, Add* | *3,086.51* | |
| | | *For Powder Coated Gate And Post, Add* | *1,671.86* | |
| | | *For 1" Mesh Fabric, Add* | *2,797.15* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,800.46* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,118.86* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-559.43* | |
| 32 31 13 13-0385 | | 12' Fence Height *(32 31 13 13-0264)* | | |
| 32 31 13 13-0386 | EA | 3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire | 847.66 | 33.24 |
| | | *For Gate With Single Barb Wire Arm, Add* | *82.26* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *119.65* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-140.22* | |
| | | *For Aluminized Steel Gate And Post, Add* | *358.96* | |
| | | *For Powder Coated Gate And Post, Add* | *194.44* | |
| | | *For 1" Mesh Fabric, Add* | *325.31* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *209.39* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *130.12* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-65.06* | |
| 32 31 13 13-0387 | EA | 4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire | 1,096.92 | 33.24 |
| | | *For Gate With Single Barb Wire Arm, Add* | *109.68* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *159.53* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-186.95* | |
| | | *For Aluminized Steel Gate And Post, Add* | *478.60* | |
| | | *For Powder Coated Gate And Post, Add* | *259.24* | |
| | | *For 1" Mesh Fabric, Add* | *433.73* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *279.19* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *173.49* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-86.75* | |
| 32 31 13 13-0388 | EA | 5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire | 1,276.24 | 34.45 |
| | | *For Gate With Single Barb Wire Arm, Add* | *129.00* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *187.64* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-219.89* | |
| | | *For Aluminized Steel Gate And Post, Add* | *562.91* | |
| | | *For Powder Coated Gate And Post, Add* | *304.91* | |
| | | *For 1" Mesh Fabric, Add* | *510.14* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *328.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *204.06* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-102.03* | |
| 32 31 13 13-0389 | EA | 6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire | 1,476.92 | 42.78 |
| | | *For Gate With Single Barb Wire Arm, Add* | *148.32* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *215.74* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-252.82* | |
| | | *For Aluminized Steel Gate And Post, Add* | *647.21* | |
| | | *For Powder Coated Gate And Post, Add* | *350.57* | |
| | | *For 1" Mesh Fabric, Add* | *586.53* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *377.54* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *234.61* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-117.31* | |
| 32 31 13 13-0390 | EA | 7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire | 630.59 | 51.19 |
| | | *For Gate With Single Barb Wire Arm, Add* | *52.46* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *76.31* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-89.43* | |
| | | *For Aluminized Steel Gate And Post, Add* | *228.93* | |
| | | *For Powder Coated Gate And Post, Add* | *124.00* | |
| | | *For 1" Mesh Fabric, Add* | *207.47* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *133.54* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *82.99* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-41.49* | |
| 32 31 13 13-0391 | EA | 8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire | 709.82 | 59.27 |
| | | *For Gate With Single Barb Wire Arm, Add* | *58.51* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *85.11* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-99.73* | |
| | | *For Aluminized Steel Gate And Post, Add* | *255.32* | |
| | | *For Powder Coated Gate And Post, Add* | *138.30* | |
| | | *For 1" Mesh Fabric, Add* | *231.38* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *148.93* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *92.55* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-46.28* | |
| 32 31 13 13-0392 | EA | 9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire | 789.84 | 67.61 |
| | | *For Gate With Single Barb Wire Arm, Add* | *64.56* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *93.90* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-110.04* | |
| | | *For Aluminized Steel Gate And Post, Add* | *281.70* | |
| | | *For Powder Coated Gate And Post, Add* | *152.59* | |
| | | *For 1" Mesh Fabric, Add* | *255.29* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *164.32* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *102.12* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-51.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0393 | EA | 10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire | 869.88 | 75.93 |
| | | *For Gate With Single Barb Wire Arm, Add* | *70.60* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *102.69* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-120.34* | |
| | | *For Aluminized Steel Gate And Post, Add* | *308.08* | |
| | | *For Powder Coated Gate And Post, Add* | *166.88* | |
| | | *For 1" Mesh Fabric, Add* | *279.20* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *179.71* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *111.68* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-55.84* | |
| 32 31 13 13-0394 | EA | 10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 1,174.35 | 93.30 |
| | | *For Gate With Single Barb Wire Arm, Add* | *98.37* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *143.08* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-167.67* | |
| | | *For Aluminized Steel Gate And Post, Add* | *429.24* | |
| | | *For Powder Coated Gate And Post, Add* | *232.50* | |
| | | *For 1" Mesh Fabric, Add* | *388.99* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *250.39* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *155.60* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-77.80* | |
| 32 31 13 13-0395 | EA | 12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 1,284.31 | 100.45 |
| | | *For Gate With Single Barb Wire Arm, Add* | *108.11* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *157.25* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-184.28* | |
| | | *For Aluminized Steel Gate And Post, Add* | *471.76* | |
| | | *For Powder Coated Gate And Post, Add* | *255.54* | |
| | | *For 1" Mesh Fabric, Add* | *427.53* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *275.19* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *171.01* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-85.51* | |
| 32 31 13 13-0396 | EA | 14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 1,453.37 | 108.79 |
| | | *For Gate With Single Barb Wire Arm, Add* | *123.92* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *180.25* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-211.23* | |
| | | *For Aluminized Steel Gate And Post, Add* | *540.76* | |
| | | *For Powder Coated Gate And Post, Add* | *292.91* | |
| | | *For 1" Mesh Fabric, Add* | *490.06* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *315.44* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *196.02* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-98.01* | |
| 32 31 13 13-0397 | EA | 16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 1,643.46 | 118.62 |
| | | *For Gate With Single Barb Wire Arm, Add* | *141.57* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *205.93* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-241.32* | |
| | | *For Aluminized Steel Gate And Post, Add* | *617.78* | |
| | | *For Powder Coated Gate And Post, Add* | *334.63* | |
| | | *For 1" Mesh Fabric, Add* | *559.86* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *360.37* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *223.94* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-111.97* | |
| 32 31 13 13-0398 | EA | 18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 5,017.01 | 130.63 |
| | | *For Gate With Single Barb Wire Arm, Add* | *508.76* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *740.01* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-867.20* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,220.03* | |
| | | *For Powder Coated Gate And Post, Add* | *1,202.52* | |
| | | *For 1" Mesh Fabric, Add* | *2,011.90* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,295.02* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *804.76* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-402.38* | |
| 32 31 13 13-0399 | EA | 20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 5,578.47 | 145.02 |
| | | *For Gate With Single Barb Wire Arm, Add* | *565.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *822.90* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-964.33* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,468.69* | |
| | | *For Powder Coated Gate And Post, Add* | *1,337.21* | |
| | | *For 1" Mesh Fabric, Add* | *2,237.25* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,440.07* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *894.90* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-447.45* | |
| 32 31 13 13-0400 | EA | 22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 6,146.01 | 163.18 |
| | | *For Gate With Single Barb Wire Arm, Add* | *622.14* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *904.93* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,060.47* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,714.79* | |
| | | *For Powder Coated Gate And Post, Add* | *1,470.51* | |
| | | *For 1" Mesh Fabric, Add* | *2,460.28* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,583.63* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *984.11* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-492.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0401 | EA | 24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 6,733.73 | 186.42 |
| | | *For Gate With Single Barb Wire Arm, Add* | *679.13* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *987.82* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,157.60* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,963.46* | |
| | | *For Powder Coated Gate And Post, Add* | *1,605.21* | |
| | | *For 1" Mesh Fabric, Add* | *2,685.63* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,728.68* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,074.25* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-537.13* | |
| 32 31 13 13-0402 | EA | 26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 7,334.83 | 217.68 |
| | | *For Gate With Single Barb Wire Arm, Add* | *734.94* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,069.00* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,252.73* | |
| | | *For Aluminized Steel Gate And Post, Add* | *3,207.00* | |
| | | *For Powder Coated Gate And Post, Add* | *1,737.12* | |
| | | *For 1" Mesh Fabric, Add* | *2,906.34* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,870.75* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,162.54* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-581.27* | |
| 32 31 13 13-0403 | EA | 28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 7,977.56 | 260.96 |
| | | *For Gate With Single Barb Wire Arm, Add* | *791.33* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,151.03* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,348.87* | |
| | | *For Aluminized Steel Gate And Post, Add* | *3,453.10* | |
| | | *For Powder Coated Gate And Post, Add* | *1,870.43* | |
| | | *For 1" Mesh Fabric, Add* | *3,129.37* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,014.31* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,251.75* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-625.87* | |
| 32 31 13 13-0404 | EA | 30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire | 8,692.38 | 326.47 |
| | | *For Gate With Single Barb Wire Arm, Add* | *848.32* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,233.92* | |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-1,446.00* | |
| | | *For Aluminized Steel Gate And Post, Add* | *3,701.76* | |
| | | *For Powder Coated Gate And Post, Add* | *2,005.12* | |
| | | *For 1" Mesh Fabric, Add* | *3,354.72* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,159.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,341.89* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-670.94* | |

### 32 31 13 13-0405 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0263)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

### 32 31 13 13-0406 4' Fence Height *(32 31 13 13-0405)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0407 | EA | 3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm | 172.19 | 20.22 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-20.91* | |
| | | *For 1" Mesh Fabric, Add* | *48.52* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *31.23* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *19.41* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-9.70* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *12.27* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *17.85* | |
| 32 31 13 13-0408 | EA | 4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm | 209.36 | 20.22 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-27.88* | |
| | | *For 1" Mesh Fabric, Add* | *64.69* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *41.64* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *25.88* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-12.94* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *16.36* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *23.79* | |
| 32 31 13 13-0409 | EA | 5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm | 244.40 | 21.51 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-33.69* | |
| | | *For 1" Mesh Fabric, Add* | *78.17* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *50.32* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *31.27* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-15.63* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *19.77* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *28.75* | |
| 32 31 13 13-0410 | EA | 6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm | 288.31 | 25.88 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-39.50* | |
| | | *For 1" Mesh Fabric, Add* | *91.65* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *58.99* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *36.66* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-18.33* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *23.17* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *33.71* | |
| 32 31 13 13-0411 | EA | 7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm | 332.22 | 30.16 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-45.31* | |
| | | *For 1" Mesh Fabric, Add* | *105.12* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *67.66* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *42.05* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-21.02* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *26.58* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *38.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0412 | EA | 8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm | 376.16 | 34.45 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-51.12* | |
| | | *For 1" Mesh Fabric, Add* | *118.60* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *76.34* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *47.44* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-23.72* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *29.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *43.62* | |
| 32 31 13 13-0413 | EA | 9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm | 420.07 | 38.82 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-56.93* | |
| | | *For 1" Mesh Fabric, Add* | *132.07* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *85.01* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *52.83* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-26.41* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *33.40* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *48.58* | |
| 32 31 13 13-0414 | EA | 10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm | 463.99 | 43.10 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-62.74* | |
| | | *For 1" Mesh Fabric, Add* | *145.55* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *93.69* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *58.22* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-29.11* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *36.81* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *53.54* | |
| 32 31 13 13-0415 | EA | 10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 575.53 | 43.10 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-83.65* | |
| | | *For 1" Mesh Fabric, Add* | *194.07* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *124.92* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *77.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-38.81* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *49.08* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *71.38* | |
| 32 31 13 13-0416 | EA | 12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 674.00 | 46.18 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-100.38* | |
| | | *For 1" Mesh Fabric, Add* | *232.89* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *149.90* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *93.15* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-46.58* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *58.89* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *85.66* | |
| 32 31 13 13-0417 | EA | 14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 773.90 | 49.73 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-117.11* | |
| | | *For 1" Mesh Fabric, Add* | *271.70* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *174.89* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *108.68* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-54.34* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *68.71* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *99.94* | |
| 32 31 13 13-0418 | EA | 16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 875.55 | 53.86 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-133.84* | |
| | | *For 1" Mesh Fabric, Add* | *310.51* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *199.87* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *124.20* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-62.10* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *78.52* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *114.21* | |
| 32 31 13 13-0419 | EA | 18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,014.81 | 70.48 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-150.57* | |
| | | *For 1" Mesh Fabric, Add* | *349.33* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *224.85* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *139.73* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-69.87* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *88.34* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *128.49* | |
| 32 31 13 13-0420 | EA | 20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,119.17 | 75.54 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-167.30* | |
| | | *For 1" Mesh Fabric, Add* | *388.14* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *249.84* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *155.26* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-77.63* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *98.15* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *142.76* | |
| 32 31 13 13-0421 | EA | 22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,225.85 | 81.39 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-184.03* | |
| | | *For 1" Mesh Fabric, Add* | *426.96* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *274.82* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *170.78* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-85.39* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *107.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *157.04* | |
| 32 31 13 13-0422 | EA | 24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,335.43 | 88.14 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-200.76* | |
| | | *For 1" Mesh Fabric, Add* | *465.77* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *299.80* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *186.31* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-93.15* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *117.78* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *171.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0423 | EA | 26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,448.72 | 96.19 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-217.49* | |
| | | *For 1" Mesh Fabric, Add* | *504.58* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *324.79* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *201.83* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-100.92* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *127.60* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *185.59* | |
| 32 31 13 13-0424 | EA | 28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,566.83 | 105.81 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-234.22* | |
| | | *For 1" Mesh Fabric, Add* | *543.40* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *349.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *217.36* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-108.68* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *137.41* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *199.87* | |
| 32 31 13 13-0425 | EA | 30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,691.35 | 117.52 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-250.95* | |
| | | *For 1" Mesh Fabric, Add* | *582.21* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *374.76* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *232.89* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-116.44* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *147.23* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *214.15* | |

## 32 31 13 13-0426 5' Fence Height *(32 31 13 13-0405)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0427 | EA | 3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm | 202.91 | 21.51 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-25.91* | |
| | | *For 1" Mesh Fabric, Add* | *60.12* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *38.70* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *24.05* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-12.02* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *15.20* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *22.11* | |
| 32 31 13 13-0428 | EA | 4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm | 248.98 | 21.51 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-34.55* | |
| | | *For 1" Mesh Fabric, Add* | *80.16* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *51.60* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *32.06* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-16.03* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *20.27* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *29.48* | |
| 32 31 13 13-0429 | EA | 5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm | 287.58 | 22.89 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-41.03* | |
| | | *For 1" Mesh Fabric, Add* | *95.20* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *61.28* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *38.08* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-19.04* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *24.07* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *35.01* | |
| 32 31 13 13-0430 | EA | 6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm | 335.86 | 27.49 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-47.51* | |
| | | *For 1" Mesh Fabric, Add* | *110.22* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *70.95* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *44.09* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-22.04* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *27.87* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *40.54* | |
| 32 31 13 13-0431 | EA | 7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm | 384.17 | 32.03 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-53.99* | |
| | | *For 1" Mesh Fabric, Add* | *125.25* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *80.62* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *50.10* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-25.05* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *31.67* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *46.07* | |
| 32 31 13 13-0432 | EA | 8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm | 433.26 | 36.88 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-60.47* | |
| | | *For 1" Mesh Fabric, Add* | *140.28* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *90.29* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *56.11* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-28.06* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *35.47* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *51.60* | |
| 32 31 13 13-0433 | EA | 9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm | 481.57 | 41.48 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-66.95* | |
| | | *For 1" Mesh Fabric, Add* | *155.31* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *99.97* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *62.12* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-31.06* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *39.27* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *57.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0434 | EA | 10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm | 529.87 | 46.01 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-73.42* | |
| | | *For 1" Mesh Fabric, Add* | *170.34* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *109.65* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *68.14* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-34.07* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *43.07* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *62.65* | |
| 32 31 13 13-0435 | EA | 10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 691.46 | 46.18 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-103.66* | |
| | | *For 1" Mesh Fabric, Add* | *240.48* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *154.79* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *96.19* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-48.10* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *60.81* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *88.45* | |
| 32 31 13 13-0436 | EA | 12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 812.69 | 49.73 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-124.39* | |
| | | *For 1" Mesh Fabric, Add* | *288.57* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *185.75* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *115.43* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-57.71* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *72.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *106.14* | |
| 32 31 13 13-0437 | EA | 14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 935.69 | 53.86 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-145.12* | |
| | | *For 1" Mesh Fabric, Add* | *336.67* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *216.71* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *134.67* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-67.33* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *85.14* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *123.83* | |
| 32 31 13 13-0438 | EA | 16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,096.28 | 70.48 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-165.85* | |
| | | *For 1" Mesh Fabric, Add* | *384.77* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *247.67* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *153.91* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-76.95* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *97.30* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *141.52* | |
| 32 31 13 13-0439 | EA | 18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,221.98 | 75.54 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-186.58* | |
| | | *For 1" Mesh Fabric, Add* | *432.86* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *278.63* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *173.15* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-86.57* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *109.46* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *159.21* | |
| 32 31 13 13-0440 | EA | 20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,349.99 | 81.39 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-207.31* | |
| | | *For 1" Mesh Fabric, Add* | *480.96* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *309.58* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *192.38* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-96.19* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *121.62* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *176.90* | |
| 32 31 13 13-0441 | EA | 22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,480.92 | 88.14 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-228.04* | |
| | | *For 1" Mesh Fabric, Add* | *529.06* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *340.54* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *211.62* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-105.81* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *133.78* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *194.60* | |
| 32 31 13 13-0442 | EA | 24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,615.54 | 96.19 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-248.77* | |
| | | *For 1" Mesh Fabric, Add* | *577.15* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *371.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *230.86* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-115.43* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *145.95* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *212.28* | |
| 32 31 13 13-0443 | EA | 26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,754.99 | 105.81 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-269.50* | |
| | | *For 1" Mesh Fabric, Add* | *625.25* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *402.46* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *250.10* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-125.05* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *158.11* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *229.98* | |
| 32 31 13 13-0444 | EA | 28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,900.84 | 117.52 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-290.23* | |
| | | *For 1" Mesh Fabric, Add* | *673.34* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *433.41* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *269.34* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-134.67* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *170.27* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *247.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0445 | EA | 30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,055.53 | 132.22 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-310.97* | |
| | | *For 1" Mesh Fabric, Add* | *721.44* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *464.37* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *288.58* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-144.29* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *182.43* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *265.36* | |
| 32 31 13 13-0446 | | 6' Fence Height *(32 31 13 13-0405)* | | |
| 32 31 13 13-0447 | EA | 3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm | 217.01 | 23.04 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-27.69* | |
| | | *For 1" Mesh Fabric, Add* | *64.25* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *41.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *25.70* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-12.85* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *16.25* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *23.63* | |
| 32 31 13 13-0448 | EA | 4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm | 266.25 | 23.04 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-36.93* | |
| | | *For 1" Mesh Fabric, Add* | *85.67* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *55.14* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *34.27* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-17.13* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *21.66* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *31.51* | |
| 32 31 13 13-0449 | EA | 5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm | 307.46 | 24.50 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-43.85* | |
| | | *For 1" Mesh Fabric, Add* | *101.73* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *65.48* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *40.69* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-20.35* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *25.73* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *37.42* | |
| 32 31 13 13-0450 | EA | 6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm | 359.74 | 29.60 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-50.77* | |
| | | *For 1" Mesh Fabric, Add* | *117.79* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *75.82* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *47.12* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-23.56* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *29.79* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *43.33* | |
| 32 31 13 13-0451 | EA | 7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm | 412.04 | 34.77 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-57.70* | |
| | | *For 1" Mesh Fabric, Add* | *133.86* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *86.16* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *53.54* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-26.77* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *33.85* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *49.24* | |
| 32 31 13 13-0452 | EA | 8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm | 463.52 | 39.62 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-64.62* | |
| | | *For 1" Mesh Fabric, Add* | *149.92* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *96.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *59.97* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-29.98* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *37.91* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *55.14* | |
| 32 31 13 13-0453 | EA | 9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm | 515.81 | 44.72 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-71.54* | |
| | | *For 1" Mesh Fabric, Add* | *165.98* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *106.84* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *66.39* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-33.20* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *41.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *61.05* | |
| 32 31 13 13-0454 | EA | 10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm | 568.10 | 49.82 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-78.47* | |
| | | *For 1" Mesh Fabric, Add* | *182.05* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *117.18* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *72.82* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-36.41* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *46.04* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *66.96* | |
| 32 31 13 13-0455 | EA | 10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 740.11 | 49.73 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-110.78* | |
| | | *For 1" Mesh Fabric, Add* | *257.00* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *165.43* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *102.80* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-51.40* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *64.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *94.53* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0456 | EA | 12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 870.71 | 53.86 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-132.93* | |
| | | *For 1" Mesh Fabric, Add* | *308.41* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *198.51* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *123.36* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-61.68* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *77.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *113.44* | |
| 32 31 13 13-0457 | EA | 14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,054.03 | 75.54 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-155.09* | |
| | | *For 1" Mesh Fabric, Add* | *359.81* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *231.60* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *143.92* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-71.96* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *90.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *132.34* | |
| 32 31 13 13-0458 | EA | 16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,189.64 | 81.39 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-177.24* | |
| | | *For 1" Mesh Fabric, Add* | *411.21* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *264.68* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *164.48* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-82.24* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *103.98* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *151.25* | |
| 32 31 13 13-0459 | EA | 18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,328.17 | 88.14 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-199.40* | |
| | | *For 1" Mesh Fabric, Add* | *462.61* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *297.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *185.04* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-92.52* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *116.98* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *170.16* | |
| 32 31 13 13-0460 | EA | 20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,492.23 | 96.19 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-225.65* | |
| | | *For 1" Mesh Fabric, Add* | *523.51* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *336.97* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *209.40* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-104.70* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *132.38* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *192.56* | |
| 32 31 13 13-0461 | EA | 22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,621.39 | 105.81 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-244.45* | |
| | | *For 1" Mesh Fabric, Add* | *567.13* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *365.05* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *226.85* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-113.43* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *143.41* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *208.60* | |
| 32 31 13 13-0462 | EA | 24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,770.88 | 117.52 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-265.87* | |
| | | *For 1" Mesh Fabric, Add* | *616.81* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *397.03* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *246.72* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-123.36* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *155.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *226.87* | |
| 32 31 13 13-0463 | EA | 26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,933.17 | 132.22 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-288.02* | |
| | | *For 1" Mesh Fabric, Add* | *668.21* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *430.11* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *267.28* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-133.64* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *168.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *245.78* | |
| 32 31 13 13-0464 | EA | 28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,108.06 | 151.07 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-310.18* | |
| | | *For 1" Mesh Fabric, Add* | *719.61* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *463.20* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *287.84* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-143.92* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *181.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *264.68* | |
| 32 31 13 13-0465 | EA | 30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,301.84 | 176.29 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-332.33* | |
| | | *For 1" Mesh Fabric, Add* | *771.01* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *496.28* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *308.40* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-154.20* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *194.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *283.59* | |

32 31 13 13-0466 7' Fence Height *(32 31 13 13-0405)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0467 | EA | 3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm | 229.78 | 24.83 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-29.09* | |
| | | *For 1" Mesh Fabric, Add* | *67.48* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *43.44* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *26.99* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-13.50* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *17.06* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *24.82* | |
| 32 31 13 13-0468 | EA | 4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm | 281.51 | 24.83 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-38.79* | |
| | | *For 1" Mesh Fabric, Add* | *89.98* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *57.92* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *35.99* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-18.00* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *22.75* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *33.10* | |
| 32 31 13 13-0469 | EA | 5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm | 324.09 | 26.12 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-46.06* | |
| | | *For 1" Mesh Fabric, Add* | *106.86* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *68.78* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *42.74* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-21.37* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *27.02* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *39.30* | |
| 32 31 13 13-0470 | EA | 6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm | 379.85 | 31.78 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-53.33* | |
| | | *For 1" Mesh Fabric, Add* | *123.73* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *79.64* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *49.49* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-24.75* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *31.29* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *45.51* | |
| 32 31 13 13-0471 | EA | 7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm | 434.81 | 37.20 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-60.60* | |
| | | *For 1" Mesh Fabric, Add* | *140.60* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *90.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *56.24* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-28.12* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *35.55* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *51.72* | |
| 32 31 13 13-0472 | EA | 8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm | 490.58 | 42.78 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-67.88* | |
| | | *For 1" Mesh Fabric, Add* | *157.47* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *101.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *62.99* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-31.49* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *39.82* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *57.92* | |
| 32 31 13 13-0473 | EA | 9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm | 545.54 | 48.19 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-75.15* | |
| | | *For 1" Mesh Fabric, Add* | *174.34* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *112.22* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *69.74* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-34.87* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *44.09* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *64.13* | |
| 32 31 13 13-0474 | EA | 10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm | 601.32 | 53.86 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-82.42* | |
| | | *For 1" Mesh Fabric, Add* | *191.22* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *123.09* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *76.49* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-38.24* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *48.35* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *70.33* | |
| 32 31 13 13-0475 | EA | 10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 782.31 | 53.86 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-116.36* | |
| | | *For 1" Mesh Fabric, Add* | *269.95* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *173.76* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *107.98* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-53.99* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *68.26* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *99.29* | |
| 32 31 13 13-0476 | EA | 12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 971.57 | 75.54 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-139.63* | |
| | | *For 1" Mesh Fabric, Add* | *323.94* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *208.51* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *129.57* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-64.79* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *81.91* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *119.15* | |
| 32 31 13 13-0477 | EA | 14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,113.15 | 81.39 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-162.90* | |
| | | *For 1" Mesh Fabric, Add* | *377.93* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *243.27* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *151.17* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-75.59* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *95.57* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *139.01* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0478 | EA | 16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,257.60 | 88.14 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-186.17* | |
| | | *For 1" Mesh Fabric, Add* | *431.91* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *278.01* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *172.76* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-86.38* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *109.22* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *158.86* | |
| 32 31 13 13-0479 | EA | 18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,405.79 | 96.19 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-209.44* | |
| | | *For 1" Mesh Fabric, Add* | *485.91* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *312.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *194.36* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-97.18* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *122.87* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *178.72* | |
| 32 31 13 13-0480 | EA | 20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,558.77 | 105.81 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-232.71* | |
| | | *For 1" Mesh Fabric, Add* | *539.89* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *347.52* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *215.96* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-107.98* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *136.52* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *198.58* | |
| 32 31 13 13-0481 | EA | 22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,718.15 | 117.52 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-255.98* | |
| | | *For 1" Mesh Fabric, Add* | *593.87* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *382.26* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *237.55* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-118.77* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *150.17* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *218.44* | |
| 32 31 13 13-0482 | EA | 24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,886.40 | 132.22 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-279.25* | |
| | | *For 1" Mesh Fabric, Add* | *647.87* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *417.02* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *259.15* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-129.57* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *163.83* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *238.30* | |
| 32 31 13 13-0483 | EA | 26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,067.26 | 151.07 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-302.53* | |
| | | *For 1" Mesh Fabric, Add* | *701.86* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *451.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *280.75* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-140.37* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *177.48* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *258.16* | |
| 32 31 13 13-0484 | EA | 28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,266.98 | 176.29 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-325.80* | |
| | | *For 1" Mesh Fabric, Add* | *755.85* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *486.52* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *302.34* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-151.17* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *191.13* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *278.01* | |
| 32 31 13 13-0485 | EA | 30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,497.00 | 211.53 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-349.07* | |
| | | *For 1" Mesh Fabric, Add* | *809.84* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *521.28* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *323.94* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-161.97* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *204.79* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *297.87* | |

## 32 31 13 13-0486 8' Fence Height *(32 31 13 13-0405)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0487 | EA | 3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm | 268.91 | 26.93 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-35.26* | |
| | | *For 1" Mesh Fabric, Add* | *81.80* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *52.65* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *32.72* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-16.36* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *20.68* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *30.09* | |
| 32 31 13 13-0488 | EA | 4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm | 331.59 | 26.93 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-47.01* | |
| | | *For 1" Mesh Fabric, Add* | *109.06* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *70.20* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *43.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-21.81* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *27.58* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *40.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0489 | EA | 5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm | 373.38 | 26.93 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-54.85* | |
| | | *For 1" Mesh Fabric, Add* | *127.24* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *81.90* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *50.90* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-25.45* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *32.18* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *46.80* | |
| 32 31 13 13-0490 | EA | 6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm | 436.19 | 33.97 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-62.68* | |
| | | *For 1" Mesh Fabric, Add* | *145.42* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *93.60* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *58.17* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-29.08* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *36.77* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *53.49* | |
| 32 31 13 13-0491 | EA | 7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm | 498.99 | 40.92 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-70.52* | |
| | | *For 1" Mesh Fabric, Add* | *163.59* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *105.30* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *65.44* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-32.72* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *41.37* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *60.17* | |
| 32 31 13 13-0492 | EA | 8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm | 561.01 | 47.63 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-78.35* | |
| | | *For 1" Mesh Fabric, Add* | *181.77* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *117.00* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *72.71* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-36.35* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *45.97* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *66.86* | |
| 32 31 13 13-0493 | EA | 9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm | 623.83 | 54.67 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-86.19* | |
| | | *For 1" Mesh Fabric, Add* | *199.95* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *128.70* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *79.98* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-39.99* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *50.56* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *73.55* | |
| 32 31 13 13-0494 | EA | 10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm | 686.61 | 61.70 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-94.02* | |
| | | *For 1" Mesh Fabric, Add* | *218.13* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *140.40* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *87.25* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-43.63* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *55.16* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *80.23* | |
| 32 31 13 13-0495 | EA | 10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 979.05 | 75.54 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-141.03* | |
| | | *For 1" Mesh Fabric, Add* | *327.19* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *210.60* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *130.88* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-65.44* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *82.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *120.35* | |
| 32 31 13 13-0496 | EA | 12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,146.93 | 81.39 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-169.24* | |
| | | *For 1" Mesh Fabric, Add* | *392.63* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *252.73* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *157.05* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-78.53* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *99.28* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *144.41* | |
| 32 31 13 13-0497 | EA | 14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,317.72 | 88.14 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-197.44* | |
| | | *For 1" Mesh Fabric, Add* | *458.06* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *294.85* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *183.23* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-91.61* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *115.83* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *168.48* | |
| 32 31 13 13-0498 | EA | 16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,492.21 | 96.19 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-225.65* | |
| | | *For 1" Mesh Fabric, Add* | *523.50* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *336.97* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *209.40* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-104.70* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *132.38* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *192.55* | |
| 32 31 13 13-0499 | EA | 18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,671.52 | 105.81 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-253.85* | |
| | | *For 1" Mesh Fabric, Add* | *588.94* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *379.09* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *235.58* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-117.79* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *148.93* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *216.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0500 | EA | 20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,857.24 | 117.52 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-282.06* | |
| | | *For 1" Mesh Fabric, Add* | *654.37* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *421.21* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *261.75* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-130.87* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *165.47* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *240.69* | |
| 32 31 13 13-0501 | EA | 22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,051.79 | 132.22 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-310.26* | |
| | | *For 1" Mesh Fabric, Add* | *719.81* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *463.33* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *287.92* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-143.96* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *182.02* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *264.76* | |
| 32 31 13 13-0502 | EA | 24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,258.96 | 151.07 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-338.47* | |
| | | *For 1" Mesh Fabric, Add* | *785.25* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *505.45* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *314.10* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-157.05* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *198.57* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *288.83* | |
| 32 31 13 13-0503 | EA | 26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,485.01 | 176.29 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-366.68* | |
| | | *For 1" Mesh Fabric, Add* | *850.69* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *547.57* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *340.28* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-170.14* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *215.12* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *312.90* | |
| 32 31 13 13-0504 | EA | 28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,741.33 | 211.53 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-394.88* | |
| | | *For 1" Mesh Fabric, Add* | *916.13* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *589.69* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *366.45* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-183.23* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *231.66* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *336.97* | |
| 32 31 13 13-0505 | EA | 30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm | 3,050.58 | 264.43 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-423.09* | |
| | | *For 1" Mesh Fabric, Add* | *981.56* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *631.81* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *392.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-196.31* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *248.21* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *361.04* | |

## 32 31 13 13-0506 10' Fence Height *(32 31 13 13-0405)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0507 | EA | 3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm | 307.98 | 29.92 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-40.90* | |
| | | *For 1" Mesh Fabric, Add* | *94.89* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *61.08* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *37.95* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-18.98* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *23.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *34.90* | |
| 32 31 13 13-0508 | EA | 4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm | 380.69 | 29.92 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-54.53* | |
| | | *For 1" Mesh Fabric, Add* | *126.52* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *81.44* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *50.61* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-25.30* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *31.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *46.53* | |
| 32 31 13 13-0509 | EA | 5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm | 433.12 | 31.21 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-63.62* | |
| | | *For 1" Mesh Fabric, Add* | *147.60* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *95.01* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *59.04* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-29.52* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *37.33* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *54.29* | |
| 32 31 13 13-0510 | EA | 6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm | 504.25 | 38.82 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-72.71* | |
| | | *For 1" Mesh Fabric, Add* | *168.69* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *108.58* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *67.48* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-33.74* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *42.66* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *62.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0511 | EA | 7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm | 574.55 | 46.01 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-81.80* | |
| | | *For 1" Mesh Fabric, Add* | *189.78* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *122.16* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *75.91* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-37.96* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *47.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *69.80* | |
| 32 31 13 13-0512 | EA | 8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm | 645.68 | 53.62 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-90.89* | |
| | | *For 1" Mesh Fabric, Add* | *210.87* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *135.73* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *84.35* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-42.17* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *53.32* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *77.56* | |
| 32 31 13 13-0513 | EA | 9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm | 715.98 | 60.90 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-99.98* | |
| | | *For 1" Mesh Fabric, Add* | *231.96* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *149.30* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *92.78* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-46.39* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *58.66* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *85.32* | |
| 32 31 13 13-0514 | EA | 10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm | 787.10 | 68.41 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-109.07* | |
| | | *For 1" Mesh Fabric, Add* | *253.04* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *162.88* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *101.22* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-50.61* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *63.99* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *93.07* | |
| 32 31 13 13-0515 | EA | 10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,124.64 | 83.97 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-163.60* | |
| | | *For 1" Mesh Fabric, Add* | *379.55* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *244.31* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *151.82* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-75.91* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *95.98* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *139.61* | |
| 32 31 13 13-0516 | EA | 12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,318.44 | 90.33 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-196.32* | |
| | | *For 1" Mesh Fabric, Add* | *455.47* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *293.17* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *182.19* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-91.09* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *115.18* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *167.53* | |
| 32 31 13 13-0517 | EA | 14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,515.66 | 97.97 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-229.04* | |
| | | *For 1" Mesh Fabric, Add* | *531.37* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *342.03* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *212.55* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-106.27* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *134.37* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *195.45* | |
| 32 31 13 13-0518 | EA | 16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,716.78 | 106.81 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-261.76* | |
| | | *For 1" Mesh Fabric, Add* | *607.29* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *390.90* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *242.91* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-121.46* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *153.57* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *223.37* | |
| 32 31 13 13-0519 | EA | 18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,923.50 | 117.52 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-294.48* | |
| | | *For 1" Mesh Fabric, Add* | *683.20* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *439.76* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *273.28* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-136.64* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *172.76* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *251.29* | |
| 32 31 13 13-0520 | EA | 20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,137.02 | 130.53 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-327.20* | |
| | | *For 1" Mesh Fabric, Add* | *759.11* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *488.62* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *303.64* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-151.82* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *191.96* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *279.21* | |
| 32 31 13 13-0521 | EA | 22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,360.74 | 146.91 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-359.92* | |
| | | *For 1" Mesh Fabric, Add* | *835.02* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *537.48* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *334.01* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-167.00* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *211.15* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *307.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0522 | EA | 24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,597.96 | 167.75 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-392.64* | |
| | | *For 1" Mesh Fabric, Add* | *910.93* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *586.35* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *364.37* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-182.19* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *230.35* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *335.05* | |
| 32 31 13 13-0523 | EA | 26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,856.83 | 195.84 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-425.36* | |
| | | *For 1" Mesh Fabric, Add* | *986.84* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *635.21* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *394.74* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-197.37* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *249.55* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *362.98* | |
| 32 31 13 13-0524 | EA | 28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 3,148.36 | 234.86 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-458.08* | |
| | | *For 1" Mesh Fabric, Add* | *1,062.75* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *684.07* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *425.10* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-212.55* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *268.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *390.90* | |
| 32 31 13 13-0525 | EA | 30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm | 3,499.96 | 293.82 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-490.80* | |
| | | *For 1" Mesh Fabric, Add* | *1,138.66* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *732.93* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *455.47* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-227.73* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *287.94* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *418.82* | |
| **32 31 13 13-0526** | | **12' Fence Height** *(32 31 13 13-0405)* | | |
| 32 31 13 13-0527 | EA | 3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm | 404.04 | 33.24 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-57.04* | |
| | | *For 1" Mesh Fabric, Add* | *132.33* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *85.18* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *52.93* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-26.47* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *33.46* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *48.67* | |
| 32 31 13 13-0528 | EA | 4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm | 505.16 | 33.24 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-76.00* | |
| | | *For 1" Mesh Fabric, Add* | *176.32* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *113.49* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *70.53* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-35.26* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *44.59* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *64.85* | |
| 32 31 13 13-0529 | EA | 5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm | 584.06 | 34.45 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-90.10* | |
| | | *For 1" Mesh Fabric, Add* | *209.04* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *134.55* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *83.62* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-41.81* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *52.86* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *76.89* | |
| 32 31 13 13-0530 | EA | 6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm | 671.80 | 42.78 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-101.86* | |
| | | *For 1" Mesh Fabric, Add* | *236.31* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *152.10* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *94.52* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-47.26* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *59.76* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *86.92* | |
| 32 31 13 13-0531 | EA | 7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm | 766.53 | 51.19 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-114.92* | |
| | | *For 1" Mesh Fabric, Add* | *266.60* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *171.61* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *106.64* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-53.32* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *67.42* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *98.06* | |
| 32 31 13 13-0532 | EA | 8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm | 860.43 | 59.27 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-127.97* | |
| | | *For 1" Mesh Fabric, Add* | *296.90* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *191.11* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *118.76* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-59.38* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *75.08* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *109.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0533 | EA | 9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm | 955.14 | 67.61 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-141.03* | |
| | | *For 1" Mesh Fabric, Add* | *327.19* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *210.61* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *130.88* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-65.44* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *82.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *120.35* | |
| 32 31 13 13-0534 | EA | 10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm | 1,042.90 | 75.93 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-152.78* | |
| | | *For 1" Mesh Fabric, Add* | *354.46* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *228.16* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *141.78* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-70.89* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *89.63* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *130.38* | |
| 32 31 13 13-0535 | EA | 10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,501.85 | 93.30 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-229.10* | |
| | | *For 1" Mesh Fabric, Add* | *531.50* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *342.12* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *212.60* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-106.30* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *134.40* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *195.50* | |
| 32 31 13 13-0536 | EA | 12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 1,807.48 | 100.45 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-282.38* | |
| | | *For 1" Mesh Fabric, Add* | *655.11* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *421.68* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *262.04* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-131.02* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *165.66* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *240.96* | |
| 32 31 13 13-0537 | EA | 14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,085.19 | 108.79 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-329.70* | |
| | | *For 1" Mesh Fabric, Add* | *764.90* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *492.35* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *305.96* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-152.98* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *193.42* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *281.34* | |
| 32 31 13 13-0538 | EA | 16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,365.54 | 118.62 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-376.71* | |
| | | *For 1" Mesh Fabric, Add* | *873.97* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *562.55* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *349.59* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-174.79* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *221.00* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *321.46* | |
| 32 31 13 13-0539 | EA | 18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,648.65 | 130.63 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-423.09* | |
| | | *For 1" Mesh Fabric, Add* | *981.58* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *631.82* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *392.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-196.32* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *248.22* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *361.04* | |
| 32 31 13 13-0540 | EA | 20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 2,942.58 | 145.02 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-470.10* | |
| | | *For 1" Mesh Fabric, Add* | *1,090.64* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *702.02* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *436.26* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-218.13* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *275.79* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *401.16* | |
| 32 31 13 13-0541 | EA | 22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 3,248.13 | 163.18 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-517.11* | |
| | | *For 1" Mesh Fabric, Add* | *1,199.70* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *772.22* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *479.88* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-239.94* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *303.37* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *441.27* | |
| 32 31 13 13-0542 | EA | 24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 3,568.52 | 186.42 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-564.12* | |
| | | *For 1" Mesh Fabric, Add* | *1,308.77* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *842.42* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *523.51* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-261.75* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *330.95* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *481.39* | |
| 32 31 13 13-0543 | EA | 26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 3,921.33 | 217.68 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-612.70* | |
| | | *For 1" Mesh Fabric, Add* | *1,421.47* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *914.97* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *568.59* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-284.29* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *359.45* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *522.84* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0544 | EA | 28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 4,302.08 | 260.96 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-659.71* | |
| | | *For 1" Mesh Fabric, Add* | *1,530.53* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *985.17* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *612.21* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-306.11* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *387.03* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *562.96* | |
| 32 31 13 13-0545 | EA | 30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm | 4,749.57 | 326.47 |
| | | *For 1-5/8" Schedule 40 Pipe Frame, Deduct* | *-706.72* | |
| | | *For 1" Mesh Fabric, Add* | *1,639.60* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,055.37* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *655.84* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-327.92* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *414.61* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *603.07* | |

### 32 31 13 13-0546 Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0263)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0630 for additonal gate accessories, 32 31 13 13-0698 for gate repacement parts.

### 32 31 13 13-0547 4' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0548 | EA | 10' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 2,438.10 | 322.20 |
| | | *For 1" Mesh Fabric, Add* | *780.23* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *502.22* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *312.09* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-156.05* | |
| | | *For Gate With Barb Wire Arm, Add* | *197.30* | |
| | | *For Vinyl Coated, Add* | *538.09* | |
| 32 31 13 13-0549 | EA | 12' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 2,930.29 | 389.01 |
| | | *For 1" Mesh Fabric, Add* | *936.28* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *602.66* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *374.51* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-187.26* | |
| | | *For Gate With Barb Wire Arm, Add* | *236.76* | |
| | | *For Vinyl Coated, Add* | *645.71* | |
| 32 31 13 13-0550 | EA | 14' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 3,418.86 | 453.83 |
| | | *For 1" Mesh Fabric, Add* | *1,092.33* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *703.11* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *436.93* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-218.47* | |
| | | *For Gate With Barb Wire Arm, Add* | *276.22* | |
| | | *For Vinyl Coated, Add* | *753.33* | |
| 32 31 13 13-0551 | EA | 16' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 3,913.05 | 521.62 |
| | | *For 1" Mesh Fabric, Add* | *1,248.38* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *803.55* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *499.35* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-249.68* | |
| | | *For Gate With Barb Wire Arm, Add* | *315.68* | |
| | | *For Vinyl Coated, Add* | *860.95* | |
| 32 31 13 13-0552 | EA | 18' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 4,402.24 | 586.85 |
| | | *For 1" Mesh Fabric, Add* | *1,404.43* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *904.00* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *561.77* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-280.89* | |
| | | *For Gate With Barb Wire Arm, Add* | *355.14* | |
| | | *For Vinyl Coated, Add* | *968.57* | |
| 32 31 13 13-0553 | EA | 20' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 4,879.37 | 646.00 |
| | | *For 1" Mesh Fabric, Add* | *1,560.48* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,004.44* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *624.19* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-312.10* | |
| | | *For Gate With Barb Wire Arm, Add* | *394.60* | |
| | | *For Vinyl Coated, Add* | *1,076.19* | |
| 32 31 13 13-0554 | EA | 24' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 5,829.01 | 777.92 |
| | | *For 1" Mesh Fabric, Add* | *1,858.82* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,196.48* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *743.53* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-371.76* | |
| | | *For Gate With Barb Wire Arm, Add* | *470.05* | |
| | | *For Vinyl Coated, Add* | *1,281.95* | |
| 32 31 13 13-0555 | EA | 30' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 8,317.72 | 1,468.40 |
| | | *For 1" Mesh Fabric, Add* | *2,340.71* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,506.66* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *936.28* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-468.14* | |
| | | *For Gate With Barb Wire Arm, Add* | *591.90* | |
| | | *For Vinyl Coated, Add* | *1,614.28* | |
| 32 31 13 13-0556 | EA | 40' Long x 4' High Chain Link Galvanized Steel Sliding Gate | 11,090.28 | 1,957.86 |
| | | *For 1" Mesh Fabric, Add* | *3,120.94* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,008.88* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,248.38* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-624.19* | |
| | | *For Gate With Barb Wire Arm, Add* | *789.20* | |
| | | *For Vinyl Coated, Add* | *2,152.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **32 31 13 13-0557** | | **5' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0546)* | | |
| 32 31 13 13-0558 | EA | 10' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 2,547.74 | 350.70 |
| | | *For 1" Mesh Fabric, Add* | *803.17* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *516.98* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *321.27* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-160.63* | |
| | | *For Gate With Barb Wire Arm, Add* | *203.10* | |
| | | *For Vinyl Coated, Add* | *553.91* | |
| 32 31 13 13-0559 | EA | 12' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 3,056.30 | 420.38 |
| | | *For 1" Mesh Fabric, Add* | *963.80* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *620.38* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *385.52* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-192.76* | |
| | | *For Gate With Barb Wire Arm, Add* | *243.72* | |
| | | *For Vinyl Coated, Add* | *664.69* | |
| 32 31 13 13-0560 | EA | 14' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 3,565.53 | 490.36 |
| | | *For 1" Mesh Fabric, Add* | *1,124.44* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *723.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *449.77* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-224.89* | |
| | | *For Gate With Barb Wire Arm, Add* | *284.34* | |
| | | *For Vinyl Coated, Add* | *775.47* | |
| 32 31 13 13-0561 | EA | 16' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 4,075.16 | 560.54 |
| | | *For 1" Mesh Fabric, Add* | *1,285.07* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *827.17* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *514.03* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-257.01* | |
| | | *For Gate With Barb Wire Arm, Add* | *324.96* | |
| | | *For Vinyl Coated, Add* | *886.25* | |
| 32 31 13 13-0562 | EA | 18' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 4,584.33 | 630.42 |
| | | *For 1" Mesh Fabric, Add* | *1,445.70* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *930.56* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *578.28* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-289.14* | |
| | | *For Gate With Barb Wire Arm, Add* | *365.58* | |
| | | *For Vinyl Coated, Add* | *997.03* | |
| 32 31 13 13-0563 | EA | 20' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 5,093.75 | 700.50 |
| | | *For 1" Mesh Fabric, Add* | *1,606.33* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,033.96* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *642.53* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-321.27* | |
| | | *For Gate With Barb Wire Arm, Add* | *406.20* | |
| | | *For Vinyl Coated, Add* | *1,107.82* | |
| 32 31 13 13-0564 | EA | 24' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 6,081.90 | 841.55 |
| | | *For 1" Mesh Fabric, Add* | *1,913.46* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,231.65* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *765.38* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-382.69* | |
| | | *For Gate With Barb Wire Arm, Add* | *483.86* | |
| | | *For Vinyl Coated, Add* | *1,319.63* | |
| 32 31 13 13-0565 | EA | 30' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 7,640.99 | 1,050.99 |
| | | *For 1" Mesh Fabric, Add* | *2,409.50* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,550.94* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *963.80* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-481.90* | |
| | | *For Gate With Barb Wire Arm, Add* | *609.30* | |
| | | *For Vinyl Coated, Add* | *1,661.72* | |
| 32 31 13 13-0566 | EA | 40' Long x 5' High Chain Link Galvanized Steel Sliding Gate | 10,187.49 | 1,401.00 |
| | | *For 1" Mesh Fabric, Add* | *3,212.66* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,067.92* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,285.06* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-642.53* | |
| | | *For Gate With Barb Wire Arm, Add* | *812.40* | |
| | | *For Vinyl Coated, Add* | *2,215.63* | |
| **32 31 13 13-0567** | | **6' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0546)* | | |
| 32 31 13 13-0568 | EA | 10' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 2,705.49 | 411.15 |
| | | *For 1" Mesh Fabric, Add* | *819.22* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *527.31* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *327.69* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-163.84* | |
| | | *For Gate With Barb Wire Arm, Add* | *207.16* | |
| | | *For Vinyl Coated, Add* | *564.98* | |
| 32 31 13 13-0569 | EA | 12' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 3,243.69 | 491.85 |
| | | *For 1" Mesh Fabric, Add* | *983.06* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *632.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *393.22* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-196.61* | |
| | | *For Gate With Barb Wire Arm, Add* | *248.59* | |
| | | *For Vinyl Coated, Add* | *677.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0570 | EA | 14' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 3,784.12 | 573.74 |
| | | *For 1" Mesh Fabric, Add* | *1,146.91* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *738.24* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *458.76* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-229.38* | |
| | | *For Gate With Barb Wire Arm, Add* | *290.02* | |
| | | *For Vinyl Coated, Add* | *790.97* | |
| 32 31 13 13-0571 | EA | 16' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 4,324.92 | 655.84 |
| | | *For 1" Mesh Fabric, Add* | *1,310.75* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *843.70* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *524.30* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-262.15* | |
| | | *For Gate With Barb Wire Arm, Add* | *331.45* | |
| | | *For Vinyl Coated, Add* | *903.97* | |
| 32 31 13 13-0572 | EA | 18' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 4,865.35 | 737.72 |
| | | *For 1" Mesh Fabric, Add* | *1,474.59* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *949.16* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *589.84* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-294.92* | |
| | | *For Gate With Barb Wire Arm, Add* | *372.89* | |
| | | *For Vinyl Coated, Add* | *1,016.96* | |
| 32 31 13 13-0573 | EA | 20' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 5,411.31 | 822.39 |
| | | *For 1" Mesh Fabric, Add* | *1,638.44* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,054.63* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *655.37* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-327.69* | |
| | | *For Gate With Barb Wire Arm, Add* | *414.32* | |
| | | *For Vinyl Coated, Add* | *1,129.96* | |
| 32 31 13 13-0574 | EA | 24' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 6,454.22 | 983.80 |
| | | *For 1" Mesh Fabric, Add* | *1,951.70* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,256.27* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *780.68* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-390.34* | |
| | | *For Gate With Barb Wire Arm, Add* | *493.53* | |
| | | *For Vinyl Coated, Add* | *1,346.00* | |
| 32 31 13 13-0575 | EA | 30' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 8,109.83 | 1,230.07 |
| | | *For 1" Mesh Fabric, Add* | *2,457.65* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,581.94* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *983.06* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-491.53* | |
| | | *For Gate With Barb Wire Arm, Add* | *621.48* | |
| | | *For Vinyl Coated, Add* | *1,694.93* | |
| 32 31 13 13-0576 | EA | 40' Long x 6' High Chain Link Galvanized Steel Sliding Gate | 10,811.76 | 1,639.33 |
| | | *For 1" Mesh Fabric, Add* | *3,276.87* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,109.25* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,310.75* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-655.37* | |
| | | *For Gate With Barb Wire Arm, Add* | *828.63* | |
| | | *For Vinyl Coated, Add* | *2,259.91* | |
| 32 31 13 13-0577 | | 7' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)* | | |
| 32 31 13 13-0578 | EA | 10' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 2,874.26 | 458.60 |
| | | *For 1" Mesh Fabric, Add* | *851.33* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *547.98* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *340.53* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-170.27* | |
| | | *For Gate With Barb Wire Arm, Add* | *215.28* | |
| | | *For Vinyl Coated, Add* | *587.12* | |
| 32 31 13 13-0579 | EA | 12' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 3,448.40 | 549.92 |
| | | *For 1" Mesh Fabric, Add* | *1,021.61* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *657.59* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *408.65* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-204.32* | |
| | | *For Gate With Barb Wire Arm, Add* | *258.34* | |
| | | *For Vinyl Coated, Add* | *704.56* | |
| 32 31 13 13-0580 | EA | 14' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 4,024.01 | 642.04 |
| | | *For 1" Mesh Fabric, Add* | *1,191.85* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *767.17* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *476.74* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-238.37* | |
| | | *For Gate With Barb Wire Arm, Add* | *301.39* | |
| | | *For Vinyl Coated, Add* | *821.96* | |
| 32 31 13 13-0581 | EA | 16' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 4,598.06 | 733.36 |
| | | *For 1" Mesh Fabric, Add* | *1,362.12* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *876.76* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *544.85* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-272.42* | |
| | | *For Gate With Barb Wire Arm, Add* | *344.44* | |
| | | *For Vinyl Coated, Add* | *939.39* | |
| 32 31 13 13-0582 | EA | 18' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 5,172.97 | 825.17 |
| | | *For 1" Mesh Fabric, Add* | *1,532.38* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *986.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *612.95* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-306.48* | |
| | | *For Gate With Barb Wire Arm, Add* | *387.50* | |
| | | *For Vinyl Coated, Add* | *1,056.81* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0583 | EA | 20' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 5,747.24 | 916.60 |
| | | *For 1" Mesh Fabric, Add* | *1,702.65* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,095.96* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *681.06* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-340.53* | |
| | | *For Gate With Barb Wire Arm, Add* | *430.55* | |
| | | *For Vinyl Coated, Add* | *1,174.24* | |
| 32 31 13 13-0584 | EA | 24' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 6,862.24 | 1,099.83 |
| | | *For 1" Mesh Fabric, Add* | *2,028.19* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,305.50* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *811.28* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-405.64* | |
| | | *For Gate With Barb Wire Arm, Add* | *512.88* | |
| | | *For Vinyl Coated, Add* | *1,398.75* | |
| 32 31 13 13-0585 | EA | 30' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 8,620.85 | 1,374.79 |
| | | *For 1" Mesh Fabric, Add* | *2,553.96* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,643.93* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,021.59* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-510.79* | |
| | | *For Gate With Barb Wire Arm, Add* | *645.83* | |
| | | *For Vinyl Coated, Add* | *1,761.35* | |
| 32 31 13 13-0586 | EA | 40' Long x 7' High Chain Link Galvanized Steel Sliding Gate | 11,494.47 | 1,833.09 |
| | | *For 1" Mesh Fabric, Add* | *3,405.29* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,191.91* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,362.12* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-681.06* | |
| | | *For Gate With Barb Wire Arm, Add* | *861.11* | |
| | | *For Vinyl Coated, Add* | *2,348.48* | |

## 32 31 13 13-0587 8' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0588 | EA | 10' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 3,008.68 | 496.81 |
| | | *For 1" Mesh Fabric, Add* | *876.55* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *564.22* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *350.62* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-175.31* | |
| | | *For Gate With Barb Wire Arm, Add* | *221.66* | |
| | | *For Vinyl Coated, Add* | *604.52* | |
| 32 31 13 13-0589 | EA | 12' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 3,607.56 | 594.78 |
| | | *For 1" Mesh Fabric, Add* | *1,051.86* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *677.06* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *420.74* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-210.37* | |
| | | *For Gate With Barb Wire Arm, Add* | *265.99* | |
| | | *For Vinyl Coated, Add* | *725.42* | |
| 32 31 13 13-0590 | EA | 14' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 4,208.87 | 693.95 |
| | | *For 1" Mesh Fabric, Add* | *1,227.16* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *789.90* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *490.86* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-245.43* | |
| | | *For Gate With Barb Wire Arm, Add* | *310.32* | |
| | | *For Vinyl Coated, Add* | *846.32* | |
| 32 31 13 13-0591 | EA | 16' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 4,810.37 | 793.11 |
| | | *For 1" Mesh Fabric, Add* | *1,402.47* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *902.74* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *560.99* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-280.49* | |
| | | *For Gate With Barb Wire Arm, Add* | *354.65* | |
| | | *For Vinyl Coated, Add* | *967.22* | |
| 32 31 13 13-0592 | EA | 18' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 5,410.78 | 891.88 |
| | | *For 1" Mesh Fabric, Add* | *1,577.78* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,015.58* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *631.11* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-315.56* | |
| | | *For Gate With Barb Wire Arm, Add* | *398.98* | |
| | | *For Vinyl Coated, Add* | *1,088.12* | |
| 32 31 13 13-0593 | EA | 20' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 6,012.38 | 991.15 |
| | | *For 1" Mesh Fabric, Add* | *1,753.09* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,128.43* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *701.24* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-350.62* | |
| | | *For Gate With Barb Wire Arm, Add* | *443.31* | |
| | | *For Vinyl Coated, Add* | *1,209.03* | |
| 32 31 13 13-0594 | EA | 24' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 7,179.62 | 1,189.47 |
| | | *For 1" Mesh Fabric, Add* | *2,088.28* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,344.18* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *835.31* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-417.66* | |
| | | *For Gate With Barb Wire Arm, Add* | *528.07* | |
| | | *For Vinyl Coated, Add* | *1,440.19* | |
| 32 31 13 13-0595 | EA | 30' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 9,019.32 | 1,487.06 |
| | | *For 1" Mesh Fabric, Add* | *2,629.64* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,692.64* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,051.86* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-525.93* | |
| | | *For Gate With Barb Wire Arm, Add* | *664.97* | |
| | | *For Vinyl Coated, Add* | *1,813.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0596 | EA | 40' Long x 8' High Chain Link Galvanized Steel Sliding Gate | 12,022.78 | 1,981.28 |
| | | *For 1" Mesh Fabric, Add* | *3,506.18* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,256.85* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,402.47* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-701.24* | |
| | | *For Gate With Barb Wire Arm, Add* | *886.62* | |
| | | *For Vinyl Coated, Add* | *2,418.06* | |
| **32 31 13 13-0597** | | **9' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0546)* | | |
| 32 31 13 13-0598 | EA | 10' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 3,167.53 | 541.97 |
| | | *For 1" Mesh Fabric, Add* | *906.35* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *583.40* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *362.54* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-181.27* | |
| | | *For Gate With Barb Wire Arm, Add* | *229.19* | |
| | | *For Vinyl Coated, Add* | *625.07* | |
| 32 31 13 13-0599 | EA | 12' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 3,796.99 | 648.38 |
| | | *For 1" Mesh Fabric, Add* | *1,087.63* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *700.08* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *435.05* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-217.53* | |
| | | *For Gate With Barb Wire Arm, Add* | *275.03* | |
| | | *For Vinyl Coated, Add* | *750.09* | |
| 32 31 13 13-0600 | EA | 14' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 4,429.60 | 756.29 |
| | | *For 1" Mesh Fabric, Add* | *1,268.90* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *816.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *507.56* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-253.78* | |
| | | *For Gate With Barb Wire Arm, Add* | *320.87* | |
| | | *For Vinyl Coated, Add* | *875.11* | |
| 32 31 13 13-0601 | EA | 16' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 5,063.04 | 864.68 |
| | | *For 1" Mesh Fabric, Add* | *1,450.17* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *933.44* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *580.07* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-290.03* | |
| | | *For Gate With Barb Wire Arm, Add* | *366.71* | |
| | | *For Vinyl Coated, Add* | *1,000.12* | |
| 32 31 13 13-0602 | EA | 18' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 5,695.82 | 972.68 |
| | | *For 1" Mesh Fabric, Add* | *1,631.44* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,050.12* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *652.58* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-326.29* | |
| | | *For Gate With Barb Wire Arm, Add* | *412.55* | |
| | | *For Vinyl Coated, Add* | *1,125.13* | |
| 32 31 13 13-0603 | EA | 20' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 6,328.58 | 1,080.67 |
| | | *For 1" Mesh Fabric, Add* | *1,812.71* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,166.80* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *725.09* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-362.54* | |
| | | *For Gate With Barb Wire Arm, Add* | *458.39* | |
| | | *For Vinyl Coated, Add* | *1,250.15* | |
| 32 31 13 13-0604 | EA | 24' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 7,557.32 | 1,296.67 |
| | | *For 1" Mesh Fabric, Add* | *2,159.30* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,389.89* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *863.72* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-431.86* | |
| | | *For Gate With Barb Wire Arm, Add* | *546.03* | |
| | | *For Vinyl Coated, Add* | *1,489.17* | |
| 32 31 13 13-0605 | EA | 30' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 9,491.97 | 1,620.66 |
| | | *For 1" Mesh Fabric, Add* | *2,719.07* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,750.20* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,087.63* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-543.81* | |
| | | *For Gate With Barb Wire Arm, Add* | *687.58* | |
| | | *For Vinyl Coated, Add* | *1,875.22* | |
| 32 31 13 13-0606 | EA | 40' Long x 9' High Chain Link Galvanized Steel Sliding Gate | 12,659.51 | 2,162.65 |
| | | *For 1" Mesh Fabric, Add* | *3,625.43* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,333.61* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,450.17* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-725.09* | |
| | | *For Gate With Barb Wire Arm, Add* | *916.78* | |
| | | *For Vinyl Coated, Add* | *2,500.30* | |
| **32 31 13 13-0607** | | **10' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0546)* | | |
| 32 31 13 13-0608 | EA | 10' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 3,365.54 | 596.18 |
| | | *For 1" Mesh Fabric, Add* | *945.34* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *608.49* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *378.14* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-189.07* | |
| | | *For Gate With Barb Wire Arm, Add* | *239.05* | |
| | | *For Vinyl Coated, Add* | *651.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0609 | EA | 12' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 4,038.66 | 715.39 |
| | | *For 1" Mesh Fabric, Add* | *1,134.41* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *730.20* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *453.76* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-226.88* | |
| | | *For Gate With Barb Wire Arm, Add* | *286.86* | |
| | | *For Vinyl Coated, Add* | *782.35* | |
| 32 31 13 13-0610 | EA | 14' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 4,712.17 | 834.80 |
| | | *For 1" Mesh Fabric, Add* | *1,323.48* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *851.89* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *529.39* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-264.70* | |
| | | *For Gate With Barb Wire Arm, Add* | *334.67* | |
| | | *For Vinyl Coated, Add* | *912.74* | |
| 32 31 13 13-0611 | EA | 16' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 5,385.10 | 954.02 |
| | | *For 1" Mesh Fabric, Add* | *1,512.55* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *973.59* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *605.02* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-302.51* | |
| | | *For Gate With Barb Wire Arm, Add* | *382.48* | |
| | | *For Vinyl Coated, Add* | *1,043.14* | |
| 32 31 13 13-0612 | EA | 18' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 6,057.96 | 1,073.14 |
| | | *For 1" Mesh Fabric, Add* | *1,701.61* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,095.29* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *680.64* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-340.32* | |
| | | *For Gate With Barb Wire Arm, Add* | *430.29* | |
| | | *For Vinyl Coated, Add* | *1,173.52* | |
| 32 31 13 13-0613 | EA | 20' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 6,731.08 | 1,192.35 |
| | | *For 1" Mesh Fabric, Add* | *1,890.68* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,216.99* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *756.27* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-378.14* | |
| | | *For Gate With Barb Wire Arm, Add* | *478.10* | |
| | | *For Vinyl Coated, Add* | *1,303.92* | |
| 32 31 13 13-0614 | EA | 24' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 8,040.08 | 1,431.37 |
| | | *For 1" Mesh Fabric, Add* | *2,252.17* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,449.67* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *900.87* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-450.43* | |
| | | *For Gate With Barb Wire Arm, Add* | *569.52* | |
| | | *For Vinyl Coated, Add* | *1,553.22* | |
| 32 31 13 13-0615 | EA | 30' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 10,096.62 | 1,788.52 |
| | | *For 1" Mesh Fabric, Add* | *2,836.02* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,825.48* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,134.41* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-567.20* | |
| | | *For Gate With Barb Wire Arm, Add* | *717.15* | |
| | | *For Vinyl Coated, Add* | *1,955.87* | |
| 32 31 13 13-0616 | EA | 40' Long x 10' High Chain Link Galvanized Steel Sliding Gate | 13,459.32 | 2,383.31 |
| | | *For 1" Mesh Fabric, Add* | *3,781.36* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,433.98* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,512.55* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-756.27* | |
| | | *For Gate With Barb Wire Arm, Add* | *956.21* | |
| | | *For Vinyl Coated, Add* | *2,607.84* | |

### 32 31 13 13-0617 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0263)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0618 | EA | 5' High x 10' Wide Galvanized Cantilever Sliding Gate | 5,025.33 | 397.05 |
| | | *For 1" Mesh Fabric, Add* | *1,840.58* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,184.74* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *736.23* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-368.12* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *465.43* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *677.00* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,030.99* | |
| | | *For Powder Coated Gate And Post, Add* | *888.56* | |
| | | *For Vinyl Coated, Add* | *1,269.37* | |
| 32 31 13 13-0619 | EA | 5' High x 12' Wide Galvanized Cantilever Sliding Gate | 5,511.88 | 496.31 |
| | | *For 1" Mesh Fabric, Add* | *1,965.87* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,265.39* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *786.35* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-393.17* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *497.12* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *723.08* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,169.24* | |
| | | *For Powder Coated Gate And Post, Add* | *949.04* | |
| | | *For Vinyl Coated, Add* | *1,355.78* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0620 | EA | 5' High x 15' Wide Galvanized Cantilever Sliding Gate | 6,002.40 | 595.58 |
| | | *For 1" Mesh Fabric, Add* | *2,092.89* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,347.15* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *837.16* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-418.58* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *529.24* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *769.80* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,309.40* | |
| | | *For Powder Coated Gate And Post, Add* | *1,010.36* | |
| | | *For Vinyl Coated, Add* | *1,443.37* | |
| 32 31 13 13-0621 | EA | 5' High x 20' Wide Galvanized Cantilever Sliding Gate | 7,040.94 | 794.11 |
| | | *For 1" Mesh Fabric, Add* | *2,371.94* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,526.77* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *948.78* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-474.39* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *599.80* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *872.44* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,617.32* | |
| | | *For Powder Coated Gate And Post, Add* | *1,145.08* | |
| | | *For Vinyl Coated, Add* | *1,635.82* | |
| 32 31 13 13-0622 | EA | 6' High x 15' Wide Galvanized Cantilever Sliding Gate | 6,543.21 | 794.11 |
| | | *For 1" Mesh Fabric, Add* | *2,155.43* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,387.40* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *862.17* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-431.09* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *545.05* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *792.80* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,378.40* | |
| | | *For Powder Coated Gate And Post, Add* | *1,040.55* | |
| | | *For Vinyl Coated, Add* | *1,486.50* | |
| 32 31 13 13-0623 | EA | 6' High x 20' Wide Galvanized Cantilever Sliding Gate | 7,664.86 | 1,042.26 |
| | | *For 1" Mesh Fabric, Add* | *2,427.44* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,562.49* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *970.98* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-485.49* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *613.84* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *892.85* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,678.56* | |
| | | *For Powder Coated Gate And Post, Add* | *1,171.87* | |
| | | *For Vinyl Coated, Add* | *1,674.10* | |
| 32 31 13 13-0624 | EA | 6' High x 25' Wide Galvanized Cantilever Sliding Gate | 10,165.30 | 1,290.42 |
| | | *For 1" Mesh Fabric, Add* | *3,299.24* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,123.65* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,319.70* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-659.85* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *834.29* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,213.51* | |
| | | *For Aluminized Steel Gate And Post, Add* | *3,640.54* | |
| | | *For Powder Coated Gate And Post, Add* | *1,592.74* | |
| | | *For Vinyl Coated, Add* | *2,275.34* | |
| 32 31 13 13-0625 | EA | 6' High x 30' Wide Galvanized Cantilever Sliding Gate | 11,447.55 | 1,538.58 |
| | | *For 1" Mesh Fabric, Add* | *3,641.12* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,343.71* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,456.45* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-728.22* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *920.74* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,339.26* | |
| | | *For Aluminized Steel Gate And Post, Add* | *4,017.79* | |
| | | *For Powder Coated Gate And Post, Add* | *1,757.78* | |
| | | *For Vinyl Coated, Add* | *2,511.12* | |
| 32 31 13 13-0626 | EA | 8' High x 15' Wide Galvanized Cantilever Sliding Gate | 7,654.32 | 992.63 |
| | | *For 1" Mesh Fabric, Add* | *2,466.04* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,587.34* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *986.42* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-493.21* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *623.60* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *907.05* | |
| | | *For Aluminized Steel Gate And Post, Add* | *2,721.15* | |
| | | *For Powder Coated Gate And Post, Add* | *1,190.50* | |
| | | *For Vinyl Coated, Add* | *1,700.72* | |
| 32 31 13 13-0627 | EA | 8' High x 20' Wide Galvanized Cantilever Sliding Gate | 9,063.53 | 1,340.05 |
| | | *For 1" Mesh Fabric, Add* | *2,776.79* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *1,787.36* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,110.72* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-555.36* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *702.18* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,021.35* | |
| | | *For Aluminized Steel Gate And Post, Add* | *3,064.05* | |
| | | *For Powder Coated Gate And Post, Add* | *1,340.52* | |
| | | *For Vinyl Coated, Add* | *1,915.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0628 | EA | 8' High x 25' Wide Galvanized Cantilever Sliding Gate | 12,050.90 | 1,687.47 |
| | | *For 1" Mesh Fabric, Add* | *3,774.04* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,429.27* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,509.62* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-754.81* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *954.35* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,388.15* | |
| | | *For Aluminized Steel Gate And Post, Add* | *4,164.46* | |
| | | *For Powder Coated Gate And Post, Add* | *1,821.95* | |
| | | *For Vinyl Coated, Add* | *2,602.79* | |
| 32 31 13 13-0629 | EA | 8' High x 30' Wide Galvanized Cantilever Sliding Gate | 13,544.42 | 1,985.26 |
| | | *For 1" Mesh Fabric, Add* | *4,164.65* | |
| | | *For 1-1/4" Mesh Fabric, Add* | *2,680.69* | |
| | | *For 1-3/4" Mesh Fabric, Add* | *1,665.86* | |
| | | *For 2-1/8" Mesh Fabric, Deduct* | *-832.93* | |
| | | *For Gate With Single Barb Wire Arm, Add* | *1,053.13* | |
| | | *For Gate With Double Barb Wire Arm, Add* | *1,531.82* | |
| | | *For Aluminized Steel Gate And Post, Add* | *4,595.47* | |
| | | *For Powder Coated Gate And Post, Add* | *2,010.52* | |
| | | *For Vinyl Coated, Add* | *2,872.17* | |

## 32 31 13 13-0630 Gate Accessories *(32 31 13 13-0263)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0631 | EA | Gate Center Stop, Cast Steel, Ground | 37.05 | |
| 32 31 13 13-0632 | EA | Gate Latch, Malleable Galvanized Steel | 41.32 | |
| 32 31 13 13-0633 | EA | Gate Keeper, Full Length, Galvanized Steel | 190.82 | |
| 32 31 13 13-0634 | EA | Gate Keeper Hold-Open For Cantilever Gate | 91.63 | 15.37 |
| 32 31 13 13-0635 | EA | Heavy Duty Gate Latch, Malleable Galvanized Steel | 51.23 | |
| 32 31 13 13-0636 | EA | Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate | 815.95 | |
| 32 31 13 13-0637 | EA | Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate | 874.67 | |
| 32 31 13 13-0638 | EA | Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate | 933.39 | |
| 32 31 13 13-0639 | LF | Aluminum V-Groove Gate Track | 48.62 | 8.56 |
| 32 31 13 13-0640 | LF | Galvanized Steel V-Groove Gate Track | 38.19 | 8.56 |

## 32 31 13 13-0641 Accessories *(32 31 13 13)*

## 32 31 13 13-0642 Barbed And Concertina Wire *(32 31 13 13-0641)*

## 32 31 13 13-0643 Single Strand Barbed Wire *(32 31 13 13-0642)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0644 | LF | Galvanized Barbed Wire, Per Strand<br>Note: Includes clips. 4 points 12-1/2 Gauge, Class I. | 0.89 | 0.40 |
| | | *For >500 To 2,000, Deduct* | *-0.09* | |
| | | *For >2,000, Deduct* | *-0.13* | |
| 32 31 13 13-0645 | LF | Vinyl Coated Barbed Wire (Fused), Per Strand<br>Note: Includes clips. | 1.02 | 0.40 |
| | | *For >500 To 2,000, Deduct* | *-0.09* | |
| | | *For >2,000, Deduct* | *-0.14* | |
| 32 31 13 13-0646 | EA | Barbed Wire Extension Arms 3 Strands (Single Arm) | 9.94 | 6.46 |
| 32 31 13 13-0647 | EA | Barbed Wire Extension Arms 6 Strands (Double Arm) | 16.33 | 7.76 |
| 32 31 13 13-0648 | EA | Barbed Wire Eye Tops (For Single Strand) | 10.10 | 6.46 |

## 32 31 13 13-0649 Galvanized Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0642)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0650 | LF | 18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence | 3.62 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-0.31* | |
| | | *For >1,500 To 5,000, Deduct* | *-0.62* | |
| | | *For >5,000, Deduct* | *-0.89* | |
| | | *For Ground Installation, Deduct* | *-0.40* | |
| | | *For Double Coil (Helix), Add* | *2.82* | |
| 32 31 13 13-0651 | LF | 18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence | 5.48 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-0.47* | |
| | | *For >1,500 To 5,000, Deduct* | *-0.94* | |
| | | *For >5,000, Deduct* | *-1.34* | |
| | | *For Ground Installation, Deduct* | *-0.61* | |
| | | *For Double Coil (Helix), Add* | *4.27* | |
| 32 31 13 13-0652 | LF | 18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence | 7.26 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-0.63* | |
| | | *For >1,500 To 5,000, Deduct* | *-1.25* | |
| | | *For >5,000, Deduct* | *-1.78* | |
| | | *For Ground Installation, Deduct* | *-0.81* | |
| | | *For Double Coil (Helix), Add* | *5.64* | |
| 32 31 13 13-0653 | LF | 24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence | 6.08 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-0.50* | |
| | | *For >1,500 To 5,000, Deduct* | *-1.00* | |
| | | *For >5,000, Deduct* | *-1.40* | |
| | | *For Ground Installation, Deduct* | *-0.45* | |
| | | *For Double Coil (Helix), Add* | *5.18* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0654 | LF | 24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence | 9.19 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-0.76* | |
| | | *For >1,500 To 5,000, Deduct* | *-1.51* | |
| | | *For >5,000, Deduct* | *-2.11* | |
| | | *For Ground Installation, Deduct* | *-0.68* | |
| | | *For Double Coil (Helix), Add* | *7.84* | |
| 32 31 13 13-0655 | LF | 24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence | 12.14 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-1.00* | |
| | | *For >1,500 To 5,000, Deduct* | *-2.00* | |
| | | *For >5,000, Deduct* | *-2.79* | |
| | | *For Ground Installation, Deduct* | *-0.89* | |
| | | *For Double Coil (Helix), Add* | *10.36* | |
| 32 31 13 13-0656 | LF | 30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence | 18.83 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-1.46* | |
| | | *For >1,500 To 5,000, Deduct* | *-2.93* | |
| | | *For >5,000, Deduct* | *-3.97* | |
| | | *For Ground Installation, Deduct* | *-0.51* | |
| | | *For Double Coil (Helix), Add* | *17.82* | |
| 32 31 13 13-0657 | LF | 30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence | 28.51 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-2.21* | |
| | | *For >1,500 To 5,000, Deduct* | *-4.43* | |
| | | *For >5,000, Deduct* | *-6.01* | |
| | | *For Ground Installation, Deduct* | *-0.76* | |
| | | *For Double Coil (Helix), Add* | *26.99* | |
| 32 31 13 13-0658 | LF | 30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence | 37.66 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-2.93* | |
| | | *For >1,500 To 5,000, Deduct* | *-5.85* | |
| | | *For >5,000, Deduct* | *-7.94* | |
| | | *For Ground Installation, Deduct* | *-1.01* | |
| | | *For Double Coil (Helix), Add* | *35.64* | |

## 32 31 13 13-0659 Stainless Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0642)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0660 | LF | 18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence | 6.51 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-0.53* | |
| | | *For >1,500 To 5,000, Deduct* | *-1.06* | |
| | | *For >5,000, Deduct* | *-1.46* | |
| | | *For Ground Installation, Deduct* | *-0.40* | |
| | | *For Double Coil (Helix), Add* | *5.71* | |
| 32 31 13 13-0661 | LF | 18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence | 9.85 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-0.80* | |
| | | *For >1,500 To 5,000, Deduct* | *-1.60* | |
| | | *For >5,000, Deduct* | *-2.21* | |
| | | *For Ground Installation, Deduct* | *-0.61* | |
| | | *For Double Coil (Helix), Add* | *8.64* | |
| 32 31 13 13-0662 | LF | 18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence | 13.03 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-1.06* | |
| | | *For >1,500 To 5,000, Deduct* | *-2.12* | |
| | | *For >5,000, Deduct* | *-2.93* | |
| | | *For Ground Installation, Deduct* | *-0.81* | |
| | | *For Double Coil (Helix), Add* | *11.41* | |
| 32 31 13 13-0663 | LF | 24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence | 8.53 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-0.68* | |
| | | *For >1,500 To 5,000, Deduct* | *-1.37* | |
| | | *For >5,000, Deduct* | *-1.89* | |
| | | *For Ground Installation, Deduct* | *-0.45* | |
| | | *For Double Coil (Helix), Add* | *7.63* | |
| 32 31 13 13-0664 | LF | 24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence | 12.90 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-1.04* | |
| | | *For >1,500 To 5,000, Deduct* | *-2.07* | |
| | | *For >5,000, Deduct* | *-2.85* | |
| | | *For Ground Installation, Deduct* | *-0.68* | |
| | | *For Double Coil (Helix), Add* | *11.55* | |
| 32 31 13 13-0665 | LF | 24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence | 17.04 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-1.37* | |
| | | *For >1,500 To 5,000, Deduct* | *-2.73* | |
| | | *For >5,000, Deduct* | *-3.77* | |
| | | *For Ground Installation, Deduct* | *-0.89* | |
| | | *For Double Coil (Helix), Add* | *15.26* | |
| 32 31 13 13-0666 | LF | 30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence | 28.10 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-2.16* | |
| | | *For >1,500 To 5,000, Deduct* | *-4.32* | |
| | | *For >5,000, Deduct* | *-5.82* | |
| | | *For Ground Installation, Deduct* | *-0.51* | |
| | | *For Double Coil (Helix), Add* | *27.09* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0667 | LF | 30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence | 42.55 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-3.27* | |
| | | *For >1,500 To 5,000, Deduct* | *-6.53* | |
| | | *For >5,000, Deduct* | *-8.81* | |
| | | *For Ground Installation, Deduct* | *-0.76* | |
| | | *For Double Coil (Helix), Add* | *41.03* | |
| 32 31 13 13-0668 | LF | 30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence | 56.20 | 0.57 |
| | | *For >500 To 1,500, Deduct* | *-4.32* | |
| | | *For >1,500 To 5,000, Deduct* | *-8.63* | |
| | | *For >5,000, Deduct* | *-11.64* | |
| | | *For Ground Installation, Deduct* | *-1.01* | |
| | | *For Double Coil (Helix), Add* | *54.18* | |

### 32 31 13 13-0669 Grounding For Gates *(32 31 13 13-0641)*

Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0670 | OPN | Grounding For Gates (Per Opening) | 373.03 | |

### 32 31 13 13-0671 Coiled Spring Reinforcing Wire *(32 31 13 13-0641)*

### 32 31 13 13-0672 Galvanized Steel *(32 31 13 13-0671)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0673 | LF | 7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring | 0.99 | 0.40 |

### 32 31 13 13-0674 Vinyl Coated Steel *(32 31 13 13-0671)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0675 | LF | 9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring | 0.99 | 0.40 |

### 32 31 13 13-0676 Bending Of Fabric Around Pipe Railings *(32 31 13 13-0641)*

Note: Only where specified.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0677 | LF | Bend Chain Link Fence Fabric Around Pipe Railing, Top | 1.23 | |
| 32 31 13 13-0678 | LF | Bend Chain Link Fence Fabric Around Pipe Railing, Bottom | 1.07 | |

### 32 31 13 13-0679 Mounting Plate With Anchors Or Bolts *(32 31 13 13-0641)*

Note: For drilling for anchor or bolts, installing post on or against flat surface.

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0680 | EA | Mounting Plate For 1-5/8" Diameter Post | 38.66 | |
| 32 31 13 13-0681 | EA | Mounting Plate For 2" Diameter Post | 39.34 | |
| 32 31 13 13-0682 | EA | Mounting Plate For 2-1/2" Diameter Post | 40.39 | |
| 32 31 13 13-0683 | EA | Mounting Plate For 3" Diameter Post | 48.98 | |
| 32 31 13 13-0684 | EA | Mounting Plate For 4" Diameter Post | 56.52 | |
| 32 31 13 13-0685 | EA | Mounting Plate For 6-5/8" Diameter Post | 65.75 | |
| 32 31 13 13-0686 | EA | Mounting Plate For 8-5/8" Diameter Post | 77.77 | |

### 32 31 13 13-0687 Tension Bar *(32 31 13 13-0641)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0688 | EA | 3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar | 13.24 | |
| 32 31 13 13-0689 | EA | 3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar | 14.09 | |
| 32 31 13 13-0690 | EA | 4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar | 17.48 | |
| 32 31 13 13-0691 | EA | 5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar | 20.28 | |
| 32 31 13 13-0692 | EA | 6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar | 24.02 | |
| 32 31 13 13-0693 | EA | 7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar | 27.93 | |
| 32 31 13 13-0694 | EA | 8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar | 31.58 | |
| 32 31 13 13-0695 | EA | 9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar | 37.99 | |
| 32 31 13 13-0696 | EA | 10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar | 45.48 | |

### 32 31 13 13-0697 Fence And Gate Repair And Replacement *(32 31 13 13)*

### 32 31 13 13-0698 Fence And Gate Parts Replacement *(32 31 13 13-0697)*

| | | | | |
|---|---|---|---|---|
| 32 31 13 13-0699 | EA | Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement | 110.28 | |
| 32 31 13 13-0700 | EA | Sliding Gate Roller Assembly Replacement | 106.57 | |
| 32 31 13 13-0701 | EA | Rod And Lock Gate Keeper Replacement | 110.68 | |
| 32 31 13 13-0702 | EA | Galvanized Gate Holdback Replacement | 23.23 | |
| 32 31 13 13-0703 | LF | 3/8" Cross Bracing Rod Replacement | 1.40 | |
| 32 31 13 13-0704 | LF | 1-5/8" Diagonal Pipe Bracing Replacement | 2.21 | |
| 32 31 13 13-0705 | EA | 2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement | 23.79 | |
| 32 31 13 13-0706 | EA | 2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement | 27.04 | |
| 32 31 13 13-0707 | EA | 3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement | 30.44 | |
| 32 31 13 13-0708 | EA | 6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement | 45.51 | |
| 32 31 13 13-0709 | EA | 8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement | 100.98 | |
| 32 31 13 13-0710 | EA | 2-1/2" x 2" Off Set Gate Hinge Replacement | 22.35 | |
| 32 31 13 13-0711 | EA | 3" x 2" Off Set Gate Hinge Replacement | 23.31 | |
| 32 31 13 13-0712 | EA | 4" x 2" Off Set Gate Hinge Replacement | 24.83 | |
| 32 31 13 13-0713 | EA | 6-5/8" x 2" Off Set Gate Hinge Replacement | 41.70 | |
| 32 31 13 13-0714 | EA | 8-5/8" x 2" Off Set Gate Hinge Replacement | 66.75 | |
| 32 31 13 13-0715 | EA | 1-5/8" Aluminum Die-Cast Post Cap Replacement | 4.44 | |
| 32 31 13 13-0716 | EA | 2" Aluminum Die-Cast Post Cap Replacement | 4.87 | |
| 32 31 13 13-0717 | EA | 2-1/2" Aluminum Die-Cast Post Cap Replacement | 5.64 | |
| 32 31 13 13-0718 | EA | 3" Aluminum Die-Cast Post Cap Replacement | 6.53 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 13 13-0719 | EA | 2" Galvanized Post Cap Replacement | 5.29 | |
| 32 31 13 13-0720 | EA | 2-1/2" Galvanized Post Cap Replacement | 5.72 | |
| 32 31 13 13-0721 | EA | 3" Galvanized Post Cap Replacement | 6.58 | |
| 32 31 13 13-0722 | EA | 4" Galvanized Post Cap Replacement | 10.06 | |
| 32 31 13 13-0723 | EA | 6-5/8" Galvanized Post Cap Replacement | 19.72 | |
| 32 31 13 13-0724 | EA | 8-5/8" Galvanized Post Cap Replacement | 32.75 | |
| 32 31 13 13-0725 | EA | 1-5/8" Boulevard Clamp Replacement | 8.71 | |
| 32 31 13 13-0726 | EA | 2" Boulevard Clamp Replacement | 10.65 | |
| 32 31 13 13-0727 | EA | 2-1/2" Boulevard Clamp Replacement | 12.49 | |
| 32 31 13 13-0728 | EA | 3" Boulevard Clamp Replacement | 15.16 | |
| 32 31 13 13-0729 | EA | 1-5/8" Gate Brace Or End Rail Clamp Replacement | 8.51 | |
| 32 31 13 13-0730 | EA | 2" Gate Brace Or End Rail Clamp Replacement | 10.38 | |
| 32 31 13 13-0731 | EA | 2-1/2" Gate Brace Or End Rail Clamp Replacement | 12.22 | |
| 32 31 13 13-0732 | EA | 1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement | 8.94 | |
| 32 31 13 13-0733 | EA | 1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement | 9.02 | |
| 32 31 13 13-0734 | EA | 2" Heavy Duty Galvanized Tension Band With Bolt, Replacement | 9.26 | |
| 32 31 13 13-0735 | EA | 2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement | 9.15 | |
| 32 31 13 13-0736 | EA | 3" Heavy Duty Galvanized Tension Band With Bolt, Replacement | 9.33 | |
| 32 31 13 13-0737 | EA | 3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement | 9.47 | |
| 32 31 13 13-0738 | EA | 4" Heavy Duty Galvanized Tension Band With Bolt, Replacement | 9.89 | |
| 32 31 13 13-0739 | EA | 6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement | 12.92 | |
| 32 31 13 13-0740 | EA | 3" Gate Brace Or End Rail Clamp Replacement | 14.87 | |
| 32 31 13 13-0741 | | Removal And Reinstallation Of Chain Link Fences *(32 31 13 13)*<br>Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work. | | |
| 32 31 13 13-0742 | LF | Removal And Reinstallation Of Chain Link Fence Up To 5' Height | 16.18 | |
| 32 31 13 13-0743 | LF | Removal And Reinstallation Of Chain Link Fence 6' To 12' Height | 24.26 | |
| **32 31 13 33** | | **Chain Link Backstops** *(32 31 13)* | | |
| 32 31 13 33-0001 | | Regulation Baseball Backstop *(32 31 13 33)*<br>See CSI section 32 31 13 13-0001 for auguring holes and concrete. | | |
| 32 31 13 33-0002 | EA | 20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized | 11,050.60 | 1,557.14 |
| 32 31 13 33-0003 | EA | 34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized | 16,022.41 | 2,076.18 |
| 32 31 13 33-0004 | EA | 48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized | 20,527.60 | 2,422.21 |
| 32 31 13 33-0005 | EA | 20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated | 15,814.26 | 1,557.14 |
| 32 31 13 33-0006 | EA | 34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated | 23,150.35 | 2,076.18 |
| 32 31 13 33-0007 | EA | 48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated | 29,934.03 | 2,422.21 |
| 32 31 13 33-0008 | | Regulation Softball Backstop *(32 31 13 33)*<br>See CSI section 32 31 13 13-0001 for auguring holes and concrete. | | |
| 32 31 13 33-0009 | | 14' High Softball Backstop *(32 31 13 33-0008)*<br>Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh. | | |
| 32 31 13 33-0010 | EA | 14' Softball Backstop, Galvanized Regulation | 9,530.54 | 1,726.29 |
| 32 31 13 33-0011 | EA | 14' Softball Backstop, Vinyl Coated Regulation | 12,947.11 | 1,726.29 |
| 32 31 13 33-0012 | | 18' High Softball Backstop *(32 31 13 33-0008)*<br>Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh. | | |
| 32 31 13 33-0013 | EA | 18' Softball Backstop, Galvanized Regulation | 11,153.04 | 1,919.15 |
| 32 31 13 33-0014 | EA | 18' Softball Backstop Vinyl Coated Regulation | 15,285.99 | 1,919.15 |
| 32 31 13 33-0015 | | 20' High Softball Backstop *(32 31 13 33-0008)*<br>Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh. | | |
| 32 31 13 33-0016 | EA | 20' Softball Backstop, Galvanized Regulation | 12,670.68 | 2,023.47 |
| 32 31 13 33-0017 | EA | 20' Softball Backstop, Vinyl Coated Regulation | 17,575.17 | 2,023.47 |
| 32 31 13 33-0018 | | 22' High Softball Backstop *(32 31 13 33-0008)*<br>Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh. | | |
| 32 31 13 33-0019 | EA | 22' Softball Backstop, Galvanized Regulation | 14,639.99 | 2,084.53 |
| 32 31 13 33-0020 | EA | 22' Softball Backstop, Vinyl Coated Regulation | 20,536.33 | 2,084.53 |
| 32 31 13 33-0021 | | 24' High Softball Backstop *(32 31 13 33-0008)*<br>Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh. | | |
| 32 31 13 33-0022 | EA | 24' Softball Backstop, Galvanized Regulation | 17,481.11 | 2,382.31 |
| 32 31 13 33-0023 | EA | 24' Softball Backstop, Vinyl Coated Regulation | 24,810.21 | 2,382.31 |
| **32 31 16** | | **Welded Wire Fences and Gates** *(32 31)* | | |
| 32 31 16 00-0001 | | Welded Wire Fence *(32 31 16)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 16 00-0002 | | 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh *(32 31 16 00-0001)*<br>Note: Posts 5' on center. | | |
| 32 31 16 00-0003 | LF | 3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5' | 7.88 | 1.39 |
| 32 31 16 00-0004 | LF | 5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5' | 8.58 | 1.39 |
| 32 31 16 00-0005 | | 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh *(32 31 16 00-0001)*<br>Note: Posts 5' on center. | | |
| 32 31 16 00-0006 | LF | 3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5' | 7.73 | 1.39 |
| 32 31 16 00-0007 | LF | 5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5' | 8.36 | 1.39 |
| **32 31 19** | | **Decorative Metal Fences and Gates** *(32 31)*<br>See CSI section 32 31 13 13-0001 for drilling and grouting. | | |
| 32 31 19 00-0001 | | Wrought Iron Fence *(32 31 19)*<br>Note: Factory primed. | | |
| 32 31 19 00-0002 | | Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center *(32 31 19 00-0001)*<br>Note: Factory primed. | | |
| 32 31 19 00-0003 | LF | 3' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center | 49.65 | 8.90 |
| | | *For Verticals Up To 2" On Center, Add* | *6.37* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *3.19* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-3.19* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-6.37* | |
| 32 31 19 00-0004 | LF | 4' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center | 64.08 | 11.33 |
| | | *For Verticals Up To 2" On Center, Add* | *8.45* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *4.22* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-4.22* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-8.45* | |
| 32 31 19 00-0005 | LF | 5' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center | 77.02 | 11.81 |
| | | *For Verticals Up To 2" On Center, Add* | *10.65* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *5.33* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-5.33* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-10.65* | |
| 32 31 19 00-0006 | LF | 6' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center | 93.36 | 14.23 |
| | | *For Verticals Up To 2" On Center, Add* | *12.97* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *6.48* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-6.48* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-12.97* | |
| 32 31 19 00-0007 | LF | 7' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center | 110.69 | 15.06 |
| | | *For Verticals Up To 2" On Center, Add* | *16.11* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *8.06* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-8.06* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-16.11* | |
| 32 31 19 00-0008 | LF | 8' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center | 128.02 | 15.85 |
| | | *For Verticals Up To 2" On Center, Add* | *19.26* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *9.63* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-9.63* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-19.26* | |
| 32 31 19 00-0009 | LF | 10' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center | 156.90 | 17.79 |
| | | *For Verticals Up To 2" On Center, Add* | *24.26* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *12.13* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-12.13* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-24.26* | |
| 32 31 19 00-0010 | LF | 12' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center | 186.11 | 20.22 |
| | | *For Verticals Up To 2" On Center, Add* | *29.14* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *14.57* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-14.57* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-29.14* | |
| 32 31 19 00-0011 | | Wrought Iron Gates *(32 31 19 00-0001)*<br>Note: Factory primed. | | |
| 32 31 19 00-0012 | | Single Wrought Iron Gates *(32 31 19 00-0011)*<br>Note: Factory primed. | | |
| 32 31 19 00-0013 | LF | 3' Single Wrought Iron Gate, Hardware And Associated Trim | 61.50 | 10.83 |
| 32 31 19 00-0014 | LF | 4' Single Wrought Iron Gate, Hardware And Associated Trim | 80.74 | 13.42 |
| 32 31 19 00-0015 | LF | 5' Single Wrought Iron Gate, Hardware And Associated Trim | 99.13 | 16.18 |
| 32 31 19 00-0016 | LF | 6' Single Wrought Iron Gate, Hardware And Associated Trim | 120.69 | 19.40 |
| 32 31 19 00-0017 | LF | 8' Single Wrought Iron Gate, Hardware And Associated Trim | 165.14 | 21.51 |
| 32 31 19 00-0018 | LF | 10' Single Wrought Iron Gate, Hardware And Associated Trim | 201.59 | 23.77 |
| 32 31 19 00-0019 | LF | 12' Single Wrought Iron Gate, Hardware And Associated Trim | 237.32 | 27.01 |
| 32 31 19 00-0020 | | Double Wrought Iron Gates *(32 31 19 00-0011)*<br>Note: Factory primed. | | |
| 32 31 19 00-0021 | LF | 3' Double Wrought Iron Gate, Hardware And Associated Trim | 75.49 | 9.70 |
| 32 31 19 00-0022 | LF | 4' Double Wrought Iron Gate, Hardware And Associated Trim | 99.38 | 12.13 |
| 32 31 19 00-0023 | LF | 5' Double Wrought Iron Gate, Hardware And Associated Trim | 121.56 | 14.55 |
| 32 31 19 00-0024 | LF | 6' Double Wrought Iron Gate, Hardware And Associated Trim | 147.63 | 17.47 |
| 32 31 19 00-0025 | LF | 8' Double Wrought Iron Gate, Hardware And Associated Trim | 202.88 | 19.40 |
| 32 31 19 00-0026 | LF | 10' Double Wrought Iron Gate, Hardware And Associated Trim | 248.04 | 21.35 |
| 32 31 19 00-0027 | LF | 12' Double Wrought Iron Gate, Hardware And Associated Trim | 292.44 | 24.26 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **32 31 19 00-0028** | | **Repair Or Replace Wrought Iron Fence** *(32 31 19 00-0001)* | | |
| 32 31 19 00-0029 | LF | Removal And Replacement Of Wrought Iron Picket | 17.11 | |
| 32 31 19 00-0030 | LF | Removal And Replacement Of Wrought Iron Post | 26.13 | |
| 32 31 19 00-0031 | EA | Straighten Wrought Iron Post | 64.70 | |
| **32 31 19 00-0032** | | **Steel Tube Fence, Powder Coated** *(32 31 19)* | | |
| | | Note: Pickets are 3/4" square x 16 gauge. | | |
| **32 31 19 00-0033** | | **Steel Tube Fence, 2 Rail** *(32 31 19 00-0032)* | | |
| 32 31 19 00-0034 | LF | 3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts | 64.92 | 8.90 |
| | | *For Verticals Up To 2" On Center, Add* | *9.50* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *4.75* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-4.75* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-9.50* | |
| | | *For Solid Pickets, Add* | *13.30* | |
| | | *For Aluminum With Satin Finish, Add* | *11.63* | |
| | | *For Third Rail, Add* | *3.56* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *11.87* | |
| | | *For 3" Square Posts, Add* | *4.75* | |
| 32 31 19 00-0035 | LF | 3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts | 69.39 | 9.51 |
| | | *For Verticals Up To 2" On Center, Add* | *10.07* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *5.04* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-5.04* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-10.07* | |
| | | *For Solid Pickets, Add* | *14.19* | |
| | | *For Aluminum With Satin Finish, Add* | *12.26* | |
| | | *For Third Rail, Add* | *3.78* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *12.59* | |
| | | *For 3" Square Posts, Add* | *5.04* | |
| 32 31 19 00-0036 | LF | 4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts | 73.34 | 10.51 |
| | | *For Verticals Up To 2" On Center, Add* | *10.55* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *5.27* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-5.27* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-10.55* | |
| | | *For Solid Pickets, Add* | *14.96* | |
| | | *For Aluminum With Satin Finish, Add* | *12.73* | |
| | | *For Third Rail, Add* | *3.96* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *13.19* | |
| | | *For 3" Square Posts, Add* | *5.27* | |
| 32 31 19 00-0037 | LF | 5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts | 77.83 | 11.81 |
| | | *For Verticals Up To 2" On Center, Add* | *10.81* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *5.41* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-5.41* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-10.81* | |
| | | *For Solid Pickets, Add* | *15.73* | |
| | | *For Aluminum With Satin Finish, Add* | *12.65* | |
| | | *For Third Rail, Add* | *4.05* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *13.52* | |
| | | *For 3" Square Posts, Add* | *5.41* | |
| 32 31 19 00-0038 | LF | 6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts | 90.39 | 13.34 |
| | | *For Verticals Up To 2" On Center, Add* | *12.74* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *6.37* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-6.37* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-12.74* | |
| | | *For Solid Pickets, Add* | *18.34* | |
| | | *For Aluminum With Satin Finish, Add* | *15.11* | |
| | | *For Third Rail, Add* | *4.78* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *15.93* | |
| | | *For 3" Square Posts, Add* | *6.37* | |
| 32 31 19 00-0039 | LF | 7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts | 103.76 | 14.55 |
| | | *For Verticals Up To 2" On Center, Add* | *14.93* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *7.46* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-7.46* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-14.93* | |
| | | *For Solid Pickets, Add* | *21.16* | |
| | | *For Aluminum With Satin Finish, Add* | *18.02* | |
| | | *For Third Rail, Add* | *5.60* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *18.66* | |
| | | *For 4" Square Posts, Add* | *26.12* | |
| 32 31 19 00-0040 | LF | 8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts | 117.28 | 15.85 |
| | | *For Verticals Up To 2" On Center, Add* | *17.12* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *8.56* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-8.56* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-17.12* | |
| | | *For Solid Pickets, Add* | *24.01* | |
| | | *For Aluminum With Satin Finish, Add* | *20.92* | |
| | | *For Third Rail, Add* | *6.42* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *21.40* | |
| | | *For 4" Square Posts, Add* | *29.95* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0041 | LF | 9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts | 136.87 | 16.98 |
| | | *For Verticals Up To 2" On Center, Add* | *20.58* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *10.29* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-10.29* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-20.58* | |
| | | *For Solid Pickets, Add* | *28.25* | |
| | | *For Aluminum With Satin Finish, Add* | *25.77* | |
| | | *For Third Rail, Add* | *7.72* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *25.73* | |
| | | *For 4" Square Posts, Add* | *36.02* | |
| 32 31 19 00-0042 | LF | 10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts | 156.61 | 18.19 |
| | | *For Verticals Up To 2" On Center, Add* | *24.04* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *12.02* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-12.02* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-24.04* | |
| | | *For Solid Pickets, Add* | *32.51* | |
| | | *For Aluminum With Satin Finish, Add* | *30.61* | |
| | | *For Third Rail, Add* | *9.02* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *30.06* | |
| | | *For 6" Square Posts, Add* | *42.08* | |
| 32 31 19 00-0043 | LF | 12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts | 184.90 | 20.22 |
| | | *For Verticals Up To 2" On Center, Add* | *28.89* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *14.45* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-14.45* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-28.89* | |
| | | *For Solid Pickets, Add* | *38.57* | |
| | | *For Aluminum With Satin Finish, Add* | *37.28* | |
| | | *For Third Rail, Add* | *10.84* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *36.12* | |
| | | *For 6" Square Posts, Add* | *50.56* | |
| 32 31 19 00-0044 | LF | 14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts | 198.01 | 21.83 |
| | | *For Verticals Up To 2" On Center, Add* | *30.87* | |
| | | *For Verticals >2" To 2-1/2" On Center, Add* | *15.43* | |
| | | *For Verticals >3" To 4" On Center, Deduct* | *-15.43* | |
| | | *For Verticals >4" To 6" On Center, Deduct* | *-30.87* | |
| | | *For Solid Pickets, Add* | *41.28* | |
| | | *For Aluminum With Satin Finish, Add* | *39.75* | |
| | | *For Third Rail, Add* | *11.58* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *38.59* | |
| | | *For 6" Square Posts, Add* | *54.02* | |

## 32 31 19 00-0045 Steel Tube Swing Gates *(32 31 19 00-0032)*

## 32 31 19 00-0046 3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

| | | | | |
|---|---|---|---|---|
| 32 31 19 00-0047 | EA | 3' Wide x 3' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 769.46 | 17.23 |
| | | *For Solid Pickets, Add* | *169.25* | |
| | | *For Aluminum With Satin Finish, Add* | *207.55* | |
| | | *For Third Rail, Add* | *53.83* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *71.77* | |
| 32 31 19 00-0048 | EA | 3'-6" Wide x 3' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 857.46 | 18.04 |
| | | *For Solid Pickets, Add* | *188.87* | |
| | | *For Aluminum With Satin Finish, Add* | *232.86* | |
| | | *For Third Rail, Add* | *60.25* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *80.33* | |
| 32 31 19 00-0049 | EA | 4' Wide x 3' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 950.17 | 19.09 |
| | | *For Solid Pickets, Add* | *209.48* | |
| | | *For Aluminum With Satin Finish, Add* | *259.22* | |
| | | *For Third Rail, Add* | *66.96* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *89.28* | |
| 32 31 19 00-0050 | EA | 5' Wide x 3' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 998.95 | 20.46 |
| | | *For Solid Pickets, Add* | *220.15* | |
| | | *For Aluminum With Satin Finish, Add* | *272.03* | |
| | | *For Third Rail, Add* | *70.31* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *93.75* | |
| 32 31 19 00-0051 | EA | 6' Wide x 3' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,114.17 | 24.50 |
| | | *For Solid Pickets, Add* | *245.17* | |
| | | *For Aluminum With Satin Finish, Add* | *301.14* | |
| | | *For Third Rail, Add* | *78.04* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *104.06* | |
| 32 31 19 00-0052 | EA | 7' Wide x 3' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,182.70 | 28.54 |
| | | *For Solid Pickets, Add* | *259.68* | |
| | | *For Aluminum With Satin Finish, Add* | *316.24* | |
| | | *For Third Rail, Add* | *82.27* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *109.70* | |
| 32 31 19 00-0053 | EA | 8' Wide x 3' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,289.00 | 32.83 |
| | | *For Solid Pickets, Add* | *282.63* | |
| | | *For Aluminum With Satin Finish, Add* | *342.30* | |
| | | *For Third Rail, Add* | *89.28* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *119.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0054 | EA | 9' Wide x 3' High Steel Tube Single Swing Gate | 1,380.86 | 36.88 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *302.39* | |
| | | *For Aluminum With Satin Finish, Add* | *364.41* | |
| | | *For Third Rail, Add* | *95.26* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *127.01* | |
| 32 31 19 00-0055 | EA | 10' Wide x 3' High Steel Tube Single Swing Gate | 1,461.08 | 40.92 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *319.52* | |
| | | *For Aluminum With Satin Finish, Add* | *383.01* | |
| | | *For Third Rail, Add* | *100.36* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *133.82* | |
| 32 31 19 00-0056 | EA | 6' Wide x 3' High Steel Tube Double Swing Gate | 1,610.69 | 34.45 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *354.64* | |
| | | *For Aluminum With Satin Finish, Add* | *436.63* | |
| | | *For Third Rail, Add* | *113.04* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *150.72* | |
| 32 31 19 00-0057 | EA | 7' Wide x 3' High Steel Tube Double Swing Gate | 1,716.88 | 36.06 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *378.17* | |
| | | *For Aluminum With Satin Finish, Add* | *466.30* | |
| | | *For Third Rail, Add* | *120.64* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *160.85* | |
| 32 31 19 00-0058 | EA | 8' Wide x 3' High Steel Tube Double Swing Gate | 1,900.34 | 38.25 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *418.96* | |
| | | *For Aluminum With Satin Finish, Add* | *518.43* | |
| | | *For Third Rail, Add* | *133.91* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *178.55* | |
| 32 31 19 00-0059 | EA | 9' Wide x 3' High Steel Tube Double Swing Gate | 1,991.91 | 39.62 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *439.26* | |
| | | *For Aluminum With Satin Finish, Add* | *544.08* | |
| | | *For Third Rail, Add* | *140.48* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *187.30* | |
| 32 31 19 00-0060 | EA | 10' Wide x 3' High Steel Tube Double Swing Gate | 2,065.98 | 40.92 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *455.63* | |
| | | *For Aluminum With Satin Finish, Add* | *564.48* | |
| | | *For Third Rail, Add* | *145.73* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *194.31* | |
| 32 31 19 00-0061 | EA | 12' Wide x 3' High Steel Tube Double Swing Gate | 2,321.69 | 49.00 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *511.34* | |
| | | *For Aluminum With Satin Finish, Add* | *630.28* | |
| | | *For Third Rail, Add* | *163.09* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *217.45* | |
| 32 31 19 00-0062 | EA | 14' Wide x 3' High Steel Tube Double Swing Gate | 2,540.44 | 57.09 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *558.74* | |
| | | *For Aluminum With Satin Finish, Add* | *684.99* | |
| | | *For Third Rail, Add* | *177.68* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *236.90* | |
| 32 31 19 00-0063 | EA | 16' Wide x 3' High Steel Tube Double Swing Gate | 2,721.92 | 65.75 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *597.63* | |
| | | *For Aluminum With Satin Finish, Add* | *727.79* | |
| | | *For Third Rail, Add* | *189.35* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *252.46* | |
| 32 31 19 00-0064 | EA | 18' Wide x 3' High Steel Tube Double Swing Gate | 2,872.62 | 73.75 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *629.72* | |
| | | *For Aluminum With Satin Finish, Add* | *762.08* | |
| | | *For Third Rail, Add* | *198.83* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *265.10* | |
| 32 31 19 00-0065 | EA | 20' Wide x 3' High Steel Tube Double Swing Gate | 2,994.11 | 81.84 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *655.24* | |
| | | *For Aluminum With Satin Finish, Add* | *787.61* | |
| | | *For Third Rail, Add* | *206.12* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *274.83* | |

### 32 31 19 00-0066 4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

| | | | | |
|---|---|---|---|---|
| 32 31 19 00-0067 | EA | 3' Wide x 4' High Steel Tube Single Swing Gate | 890.93 | 16.18 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *196.37* | |
| | | *For Aluminum With Satin Finish, Add* | *242.72* | |
| | | *For Third Rail, Add* | *62.73* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *83.64* | |
| 32 31 19 00-0068 | EA | 3'-6" Wide x 4' High Steel Tube Single Swing Gate | 964.93 | 18.84 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *212.86* | |
| | | *For Aluminum With Satin Finish, Add* | *264.00* | |
| | | *For Third Rail, Add* | *68.12* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *90.83* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0069 | EA | 4' Wide x 4' High Steel Tube Single Swing Gate | 1,040.93 | 20.22 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *229.66* | |
| | | *For Aluminum With Satin Finish, Add* | *284.99* | |
| | | *For Third Rail, Add* | *73.52* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *98.03* | |
| 32 31 19 00-0070 | EA | 5' Wide x 4' High Steel Tube Single Swing Gate | 1,103.33 | 21.51 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *243.40* | |
| | | *For Aluminum With Satin Finish, Add* | *301.88* | |
| | | *For Third Rail, Add* | *77.90* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *103.86* | |
| 32 31 19 00-0071 | EA | 6' Wide x 4' High Steel Tube Single Swing Gate | 1,186.28 | 25.88 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *261.09* | |
| | | *For Aluminum With Satin Finish, Add* | *320.95* | |
| | | *For Third Rail, Add* | *83.15* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *110.87* | |
| 32 31 19 00-0072 | EA | 7' Wide x 4' High Steel Tube Single Swing Gate | 1,300.36 | 30.16 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *285.79* | |
| | | *For Aluminum With Satin Finish, Add* | *349.35* | |
| | | *For Third Rail, Add* | *90.73* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *120.98* | |
| 32 31 19 00-0073 | EA | 8' Wide x 4' High Steel Tube Single Swing Gate | 1,459.17 | 34.45 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *320.55* | |
| | | *For Aluminum With Satin Finish, Add* | *391.17* | |
| | | *For Third Rail, Add* | *101.67* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *135.57* | |
| 32 31 19 00-0074 | EA | 9' Wide x 4' High Steel Tube Single Swing Gate | 1,614.10 | 38.82 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *354.44* | |
| | | *For Aluminum With Satin Finish, Add* | *431.83* | |
| | | *For Third Rail, Add* | *112.32* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *149.77* | |
| 32 31 19 00-0075 | EA | 10' Wide x 4' High Steel Tube Single Swing Gate | 1,761.25 | 43.10 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *386.58* | |
| | | *For Aluminum With Satin Finish, Add* | *470.15* | |
| | | *For Third Rail, Add* | *122.39* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *163.19* | |
| 32 31 19 00-0076 | EA | 6' Wide x 4' High Steel Tube Double Swing Gate | 1,781.87 | 36.39 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *392.73* | |
| | | *For Aluminum With Satin Finish, Add* | *485.43* | |
| | | *For Third Rail, Add* | *125.45* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *167.27* | |
| 32 31 19 00-0077 | EA | 7' Wide x 4' High Steel Tube Double Swing Gate | 1,929.84 | 37.69 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *425.72* | |
| | | *For Aluminum With Satin Finish, Add* | *528.01* | |
| | | *For Third Rail, Add* | *136.25* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *181.66* | |
| 32 31 19 00-0078 | EA | 8' Wide x 4' High Steel Tube Double Swing Gate | 2,081.86 | 40.43 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *459.32* | |
| | | *For Aluminum With Satin Finish, Add* | *569.97* | |
| | | *For Third Rail, Add* | *147.04* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *196.06* | |
| 32 31 19 00-0079 | EA | 9' Wide x 4' High Steel Tube Double Swing Gate | 2,202.61 | 41.73 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *486.19* | |
| | | *For Aluminum With Satin Finish, Add* | *604.38* | |
| | | *For Third Rail, Add* | *155.79* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *207.73* | |
| 32 31 19 00-0080 | EA | 10' Wide x 4' High Steel Tube Double Swing Gate | 2,303.90 | 43.10 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *508.67* | |
| | | *For Aluminum With Satin Finish, Add* | *632.94* | |
| | | *For Third Rail, Add* | *163.09* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *217.45* | |
| 32 31 19 00-0081 | EA | 12' Wide x 4' High Steel Tube Double Swing Gate | 2,611.81 | 51.68 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *576.01* | |
| | | *For Aluminum With Satin Finish, Add* | *713.67* | |
| | | *For Third Rail, Add* | *184.24* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *245.65* | |
| 32 31 19 00-0082 | EA | 14' Wide x 4' High Steel Tube Double Swing Gate | 2,880.80 | 60.33 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *634.59* | |
| | | *For Aluminum With Satin Finish, Add* | *782.73* | |
| | | *For Third Rail, Add* | *202.47* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *269.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0083 | EA | 16' Wide x 4' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,112.84 | 68.90 |
| | | *For Solid Pickets, Add* | *684.86* | |
| | | *For Aluminum With Satin Finish, Add* | *840.70* | |
| | | *For Third Rail, Add* | *217.94* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *290.58* | |
| 32 31 19 00-0084 | EA | 18' Wide x 4' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,311.83 | 77.56 |
| | | *For Solid Pickets, Add* | *727.70* | |
| | | *For Aluminum With Satin Finish, Add* | *888.75* | |
| | | *For Third Rail, Add* | *230.92* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *307.89* | |
| 32 31 19 00-0085 | EA | 20' Wide x 4' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,479.69 | 86.20 |
| | | *For Solid Pickets, Add* | *763.52* | |
| | | *For Aluminum With Satin Finish, Add* | *927.46* | |
| | | *For Third Rail, Add* | *241.57* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *322.09* | |
| **32 31 19 00-0086** | | **5' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)* | | |
| 32 31 19 00-0087 | EA | 3' Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 970.76 | 18.84 |
| | | *For Solid Pickets, Add* | *214.18* | |
| | | *For Aluminum With Satin Finish, Add* | *265.75* | |
| | | *For Third Rail, Add* | *68.56* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *91.42* | |
| 32 31 19 00-0088 | EA | 3'-6" Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,023.43 | 20.22 |
| | | *For Solid Pickets, Add* | *225.72* | |
| | | *For Aluminum With Satin Finish, Add* | *279.74* | |
| | | *For Third Rail, Add* | *72.21* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *96.28* | |
| 32 31 19 00-0089 | EA | 4' Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,074.16 | 21.51 |
| | | *For Solid Pickets, Add* | *236.83* | |
| | | *For Aluminum With Satin Finish, Add* | *293.13* | |
| | | *For Third Rail, Add* | *75.71* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *100.95* | |
| 32 31 19 00-0090 | EA | 5' Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,148.22 | 22.89 |
| | | *For Solid Pickets, Add* | *253.19* | |
| | | *For Aluminum With Satin Finish, Add* | *313.53* | |
| | | *For Third Rail, Add* | *80.96* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *107.95* | |
| 32 31 19 00-0091 | EA | 6' Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,245.60 | 27.49 |
| | | *For Solid Pickets, Add* | *274.07* | |
| | | *For Aluminum With Satin Finish, Add* | *336.56* | |
| | | *For Third Rail, Add* | *87.23* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *116.31* | |
| 32 31 19 00-0092 | EA | 7' Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,376.04 | 32.03 |
| | | *For Solid Pickets, Add* | *302.39* | |
| | | *For Aluminum With Satin Finish, Add* | *369.51* | |
| | | *For Third Rail, Add* | *95.99* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *127.98* | |
| 32 31 19 00-0093 | EA | 8' Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,559.81 | 36.88 |
| | | *For Solid Pickets, Add* | *342.65* | |
| | | *For Aluminum With Satin Finish, Add* | *418.09* | |
| | | *For Third Rail, Add* | *108.68* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *144.90* | |
| 32 31 19 00-0094 | EA | 9' Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,738.88 | 41.48 |
| | | *For Solid Pickets, Add* | *381.91* | |
| | | *For Aluminum With Satin Finish, Add* | *465.63* | |
| | | *For Third Rail, Add* | *121.08* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *161.44* | |
| 32 31 19 00-0095 | EA | 10' Wide x 5' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,914.06 | 46.01 |
| | | *For Solid Pickets, Add* | *420.29* | |
| | | *For Aluminum With Satin Finish, Add* | *511.99* | |
| | | *For Third Rail, Add* | *133.18* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *177.58* | |
| 32 31 19 00-0096 | EA | 6' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,919.03 | 31.78 |
| | | *For Solid Pickets, Add* | *424.98* | |
| | | *For Aluminum With Satin Finish, Add* | *534.88* | |
| | | *For Third Rail, Add* | *137.12* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *182.83* | |
| 32 31 19 00-0097 | EA | 7' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,029.45 | 37.04 |
| | | *For Solid Pickets, Add* | *448.69* | |
| | | *For Aluminum With Satin Finish, Add* | *561.20* | |
| | | *For Third Rail, Add* | *144.27* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *192.36* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0098 | EA | 8' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,140.77 | 42.62 |
| | | *For Solid Pickets, Add* | *472.53* | |
| | | *For Aluminum With Satin Finish, Add* | *587.39* | |
| | | *For Third Rail, Add* | *151.42* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *201.89* | |
| 32 31 19 00-0099 | EA | 9' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,295.94 | 47.96 |
| | | *For Solid Pickets, Add* | *506.31* | |
| | | *For Aluminum With Satin Finish, Add* | *627.14* | |
| | | *For Third Rail, Add* | *161.92* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *215.90* | |
| 32 31 19 00-0100 | EA | 10' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,431.65 | 53.21 |
| | | *For Solid Pickets, Add* | *535.71* | |
| | | *For Aluminum With Satin Finish, Add* | *661.05* | |
| | | *For Third Rail, Add* | *170.97* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *227.95* | |
| 32 31 19 00-0101 | EA | 12' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,769.47 | 59.19 |
| | | *For Solid Pickets, Add* | *610.46* | |
| | | *For Aluminum With Satin Finish, Add* | *754.79* | |
| | | *For Third Rail, Add* | *195.03* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *260.05* | |
| 32 31 19 00-0102 | EA | 14' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,072.13 | 65.66 |
| | | *For Solid Pickets, Add* | *677.15* | |
| | | *For Aluminum With Satin Finish, Add* | *837.18* | |
| | | *For Third Rail, Add* | *216.33* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *288.44* | |
| 32 31 19 00-0103 | EA | 16' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,341.55 | 72.86 |
| | | *For Solid Pickets, Add* | *736.24* | |
| | | *For Aluminum With Satin Finish, Add* | *908.80* | |
| | | *For Third Rail, Add* | *235.01* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *313.34* | |
| 32 31 19 00-0104 | EA | 18' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,582.52 | 80.95 |
| | | *For Solid Pickets, Add* | *788.72* | |
| | | *For Aluminum With Satin Finish, Add* | *970.68* | |
| | | *For Third Rail, Add* | *251.34* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *335.12* | |
| 32 31 19 00-0105 | EA | 20' Wide x 5' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,795.04 | 90.00 |
| | | *For Solid Pickets, Add* | *834.60* | |
| | | *For Aluminum With Satin Finish, Add* | *1,022.83* | |
| | | *For Third Rail, Add* | *265.35* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *353.80* | |

## 32 31 19 00-0106 6' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

| | | | | |
|---|---|---|---|---|
| 32 31 19 00-0107 | EA | 3' Wide x 6' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,009.48 | 20.70 |
| | | *For Solid Pickets, Add* | *222.46* | |
| | | *For Aluminum With Satin Finish, Add* | *274.83* | |
| | | *For Third Rail, Add* | *71.04* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *94.72* | |
| 32 31 19 00-0108 | EA | 3'-6" Wide x 6' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,061.34 | 21.83 |
| | | *For Solid Pickets, Add* | *233.89* | |
| | | *For Aluminum With Satin Finish, Add* | *288.93* | |
| | | *For Third Rail, Add* | *74.69* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *99.58* | |
| 32 31 19 00-0109 | EA | 4' Wide x 6' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,113.77 | 23.04 |
| | | *For Solid Pickets, Add* | *245.40* | |
| | | *For Aluminum With Satin Finish, Add* | *302.94* | |
| | | *For Third Rail, Add* | *78.33* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *104.45* | |
| 32 31 19 00-0110 | EA | 5' Wide x 6' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,178.36 | 24.50 |
| | | *For Solid Pickets, Add* | *259.61* | |
| | | *For Aluminum With Satin Finish, Add* | *320.39* | |
| | | *For Third Rail, Add* | *82.86* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *110.48* | |
| 32 31 19 00-0111 | EA | 6' Wide x 6' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,320.13 | 29.60 |
| | | *For Solid Pickets, Add* | *290.36* | |
| | | *For Aluminum With Satin Finish, Add* | *356.01* | |
| | | *For Third Rail, Add* | *92.34* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *123.12* | |
| 32 31 19 00-0112 | EA | 7' Wide x 6' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,471.65 | 34.77 |
| | | *For Solid Pickets, Add* | *323.30* | |
| | | *For Aluminum With Satin Finish, Add* | *394.56* | |
| | | *For Third Rail, Add* | *102.55* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *136.73* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0113 | EA | 8' Wide x 6' High Steel Tube Single Swing Gate | 1,641.81 | 39.62 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *360.49* | |
| | | *For Aluminum With Satin Finish, Add* | *439.05* | |
| | | *For Third Rail, Add* | *114.22* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *152.29* | |
| 32 31 19 00-0114 | EA | 9' Wide x 6' High Steel Tube Single Swing Gate | 1,805.00 | 44.72 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *396.06* | |
| | | *For Aluminum With Satin Finish, Add* | *481.09* | |
| | | *For Third Rail, Add* | *125.31* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *167.08* | |
| 32 31 19 00-0115 | EA | 10' Wide x 6' High Steel Tube Single Swing Gate | 2,005.12 | 49.82 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *439.93* | |
| | | *For Aluminum With Satin Finish, Add* | *534.22* | |
| | | *For Third Rail, Add* | *139.16* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *185.55* | |
| 32 31 19 00-0116 | EA | 6' Wide x 6' High Steel Tube Double Swing Gate | 1,992.27 | 34.29 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *440.92* | |
| | | *For Aluminum With Satin Finish, Add* | *553.65* | |
| | | *For Third Rail, Add* | *142.08* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *189.44* | |
| 32 31 19 00-0117 | EA | 7' Wide x 6' High Steel Tube Double Swing Gate | 2,106.43 | 40.19 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *465.34* | |
| | | *For Aluminum With Satin Finish, Add* | *580.29* | |
| | | *For Third Rail, Add* | *149.38* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *199.17* | |
| 32 31 19 00-0118 | EA | 8' Wide x 6' High Steel Tube Double Swing Gate | 2,219.69 | 45.77 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *489.62* | |
| | | *For Aluminum With Satin Finish, Add* | *607.07* | |
| | | *For Third Rail, Add* | *156.67* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *208.89* | |
| 32 31 19 00-0119 | EA | 9' Wide x 6' High Steel Tube Double Swing Gate | 2,357.18 | 51.68 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *519.29* | |
| | | *For Aluminum With Satin Finish, Add* | *640.71* | |
| | | *For Third Rail, Add* | *165.71* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *220.95* | |
| 32 31 19 00-0120 | EA | 10' Wide x 6' High Steel Tube Double Swing Gate | 2,576.37 | 57.58 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *567.34* | |
| | | *For Aluminum With Satin Finish, Add* | *698.85* | |
| | | *For Third Rail, Add* | *180.89* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *241.18* | |
| 32 31 19 00-0121 | EA | 12' Wide x 6' High Steel Tube Double Swing Gate | 3,024.88 | 64.12 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *666.86* | |
| | | *For Aluminum With Satin Finish, Add* | *825.01* | |
| | | *For Third Rail, Add* | *213.12* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *284.16* | |
| 32 31 19 00-0122 | EA | 14' Wide x 6' High Steel Tube Double Swing Gate | 3,162.93 | 71.65 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *696.32* | |
| | | *For Aluminum With Satin Finish, Add* | *856.81* | |
| | | *For Third Rail, Add* | *221.88* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *295.83* | |
| 32 31 19 00-0123 | EA | 16' Wide x 6' High Steel Tube Double Swing Gate | 3,471.98 | 79.73 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *764.12* | |
| | | *For Aluminum With Satin Finish, Add* | *939.12* | |
| | | *For Third Rail, Add* | *243.32* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *324.43* | |
| 32 31 19 00-0124 | EA | 18' Wide x 6' High Steel Tube Double Swing Gate | 3,754.52 | 88.71 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *825.75* | |
| | | *For Aluminum With Satin Finish, Add* | *1,012.27* | |
| | | *For Third Rail, Add* | *262.58* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *350.10* | |
| 32 31 19 00-0125 | EA | 20' Wide x 6' High Steel Tube Double Swing Gate | 4,015.33 | 98.98 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *882.23* | |
| | | *For Aluminum With Satin Finish, Add* | *1,077.31* | |
| | | *For Third Rail, Add* | *279.93* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *373.25* | |

### 32 31 19 00-0126 7' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

| | | | | |
|---|---|---|---|---|
| 32 31 19 00-0127 | EA | 3' Wide x 7' High Steel Tube Single Swing Gate | 1,069.04 | 22.40 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *235.48* | |
| | | *For Aluminum With Satin Finish, Add* | *290.40* | |
| | | *For Third Rail, Add* | *75.13* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *100.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0128 | EA | 3'-6" Wide x 7' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,123.16 | 23.62 |
| | | *For Solid Pickets, Add* | *247.39* | |
| | | *For Aluminum With Satin Finish, Add* | *305.03* | |
| | | *For Third Rail, Add* | *78.92* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *105.22* | |
| 32 31 19 00-0129 | EA | 4' Wide x 7' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,177.47 | 24.83 |
| | | *For Solid Pickets, Add* | *259.33* | |
| | | *For Aluminum With Satin Finish, Add* | *319.65* | |
| | | *For Third Rail, Add* | *82.71* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *110.28* | |
| 32 31 19 00-0130 | EA | 5' Wide x 7' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,231.82 | 26.12 |
| | | *For Solid Pickets, Add* | *271.28* | |
| | | *For Aluminum With Satin Finish, Add* | *334.25* | |
| | | *For Third Rail, Add* | *86.50* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *115.34* | |
| 32 31 19 00-0131 | EA | 6' Wide x 7' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,423.86 | 31.78 |
| | | *For Solid Pickets, Add* | *313.21* | |
| | | *For Aluminum With Satin Finish, Add* | *384.22* | |
| | | *For Third Rail, Add* | *99.63* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *132.84* | |
| 32 31 19 00-0132 | EA | 7' Wide x 7' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,599.51 | 37.20 |
| | | *For Solid Pickets, Add* | *351.52* | |
| | | *For Aluminum With Satin Finish, Add* | *429.64* | |
| | | *For Third Rail, Add* | *111.59* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *148.79* | |
| 32 31 19 00-0133 | EA | 8' Wide x 7' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,725.41 | 42.78 |
| | | *For Solid Pickets, Add* | *378.57* | |
| | | *For Aluminum With Satin Finish, Add* | *459.77* | |
| | | *For Third Rail, Add* | *119.76* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *159.68* | |
| 32 31 19 00-0134 | EA | 9' Wide x 7' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 1,869.97 | 48.19 |
| | | *For Solid Pickets, Add* | *409.89* | |
| | | *For Aluminum With Satin Finish, Add* | *495.85* | |
| | | *For Third Rail, Add* | *129.39* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *172.52* | |
| 32 31 19 00-0135 | EA | 10' Wide x 7' High Steel Tube Single Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,048.38 | 53.86 |
| | | *For Solid Pickets, Add* | *448.76* | |
| | | *For Aluminum With Satin Finish, Add* | *541.74* | |
| | | *For Third Rail, Add* | *141.50* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *188.67* | |
| 32 31 19 00-0136 | EA | 6' Wide x 7' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,108.32 | 36.71 |
| | | *For Solid Pickets, Add* | *466.50* | |
| | | *For Aluminum With Satin Finish, Add* | *585.26* | |
| | | *For Third Rail, Add* | *150.25* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *200.34* | |
| 32 31 19 00-0137 | EA | 7' Wide x 7' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,227.25 | 42.94 |
| | | *For Solid Pickets, Add* | *491.92* | |
| | | *For Aluminum With Satin Finish, Add* | *612.93* | |
| | | *For Third Rail, Add* | *157.84* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *210.45* | |
| 32 31 19 00-0138 | EA | 8' Wide x 7' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,347.06 | 49.49 |
| | | *For Solid Pickets, Add* | *517.48* | |
| | | *For Aluminum With Satin Finish, Add* | *640.47* | |
| | | *For Third Rail, Add* | *165.42* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *220.56* | |
| 32 31 19 00-0139 | EA | 9' Wide x 7' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,467.94 | 55.72 |
| | | *For Solid Pickets, Add* | *543.35* | |
| | | *For Aluminum With Satin Finish, Add* | *668.73* | |
| | | *For Third Rail, Add* | *173.15* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *230.87* | |
| 32 31 19 00-0140 | EA | 10' Wide x 7' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,780.32 | 62.26 |
| | | *For Solid Pickets, Add* | *612.23* | |
| | | *For Aluminum With Satin Finish, Add* | *754.04* | |
| | | *For Third Rail, Add* | *195.18* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *260.24* | |
| 32 31 19 00-0141 | EA | 12' Wide x 7' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,366.77 | 69.47 |
| | | *For Solid Pickets, Add* | *742.65* | |
| | | *For Aluminum With Satin Finish, Add* | *920.76* | |
| | | *For Third Rail, Add* | *237.63* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *316.84* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0142 | EA | 14' Wide x 7' High Steel Tube Double Swing Gate | 3,320.76 | 77.87 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *730.49* | |
| | | *For Aluminum With Satin Finish, Add* | *896.16* | |
| | | *For Third Rail, Add* | *232.38* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *309.84* | |
| 32 31 19 00-0143 | EA | 16' Wide x 7' High Steel Tube Double Swing Gate | 3,595.52 | 86.85 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *790.38* | |
| | | *For Aluminum With Satin Finish, Add* | *966.98* | |
| | | *For Third Rail, Add* | *251.05* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *334.73* | |
| 32 31 19 00-0144 | EA | 18' Wide x 7' High Steel Tube Double Swing Gate | 3,924.41 | 97.12 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *862.18* | |
| | | *For Aluminum With Satin Finish, Add* | *1,052.43* | |
| | | *For Third Rail, Add* | *273.52* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *364.69* | |
| 32 31 19 00-0145 | EA | 20' Wide x 7' High Steel Tube Double Swing Gate | 4,137.31 | 108.36 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *907.68* | |
| | | *For Aluminum With Satin Finish, Add* | *1,101.90* | |
| | | *For Third Rail, Add* | *287.08* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *382.78* | |
| 32 31 19 00-0146 | | 8' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)* | | |
| 32 31 19 00-0147 | EA | 3' Wide x 8' High Steel Tube Single Swing Gate | 1,161.98 | 24.26 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *255.99* | |
| | | *For Aluminum With Satin Finish, Add* | *315.84* | |
| | | *For Third Rail, Add* | *81.69* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *108.92* | |
| 32 31 19 00-0148 | EA | 3'-6" Wide x 8' High Steel Tube Single Swing Gate | 1,218.55 | 25.55 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *268.41* | |
| | | *For Aluminum With Satin Finish, Add* | *330.99* | |
| | | *For Third Rail, Add* | *85.63* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *114.17* | |
| 32 31 19 00-0149 | EA | 4' Wide x 8' High Steel Tube Single Swing Gate | 1,278.99 | 26.93 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *281.71* | |
| | | *For Aluminum With Satin Finish, Add* | *347.31* | |
| | | *For Third Rail, Add* | *89.86* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *119.81* | |
| 32 31 19 00-0150 | EA | 5' Wide x 8' High Steel Tube Single Swing Gate | 1,331.08 | 30.00 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *292.73* | |
| | | *For Aluminum With Satin Finish, Add* | *358.75* | |
| | | *For Third Rail, Add* | *93.07* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *124.09* | |
| 32 31 19 00-0151 | EA | 6' Wide x 8' High Steel Tube Single Swing Gate | 1,576.20 | 33.97 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *347.00* | |
| | | *For Aluminum With Satin Finish, Add* | *427.01* | |
| | | *For Third Rail, Add* | *110.57* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *147.43* | |
| 32 31 19 00-0152 | EA | 7' Wide x 8' High Steel Tube Single Swing Gate | 1,750.87 | 40.92 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *384.73* | |
| | | *For Aluminum With Satin Finish, Add* | *469.95* | |
| | | *For Third Rail, Add* | *122.10* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *162.80* | |
| 32 31 19 00-0153 | EA | 8' Wide x 8' High Steel Tube Single Swing Gate | 1,823.62 | 47.63 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *399.58* | |
| | | *For Aluminum With Satin Finish, Add* | *482.67* | |
| | | *For Third Rail, Add* | *126.04* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *168.05* | |
| 32 31 19 00-0154 | EA | 9' Wide x 8' High Steel Tube Single Swing Gate | 1,951.63 | 54.67 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *426.80* | |
| | | *For Aluminum With Satin Finish, Add* | *511.61* | |
| | | *For Third Rail, Add* | *134.06* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *178.75* | |
| 32 31 19 00-0155 | EA | 10' Wide x 8' High Steel Tube Single Swing Gate | 2,062.09 | 61.70 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *450.08* | |
| | | *For Aluminum With Satin Finish, Add* | *535.30* | |
| | | *For Third Rail, Add* | *140.77* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *187.69* | |
| 32 31 19 00-0156 | EA | 6' Wide x 8' High Steel Tube Double Swing Gate | 2,292.42 | 39.22 |
| | | Note: Includes mounting hardware and associated trim. | | |
| | | *For Solid Pickets, Add* | *507.39* | |
| | | *For Aluminum With Satin Finish, Add* | *637.29* | |
| | | *For Third Rail, Add* | *163.53* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *218.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 19 00-0157 | EA | 7' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,424.47 | 47.31 |
| | | *For Solid Pickets, Add* | *535.37* | |
| | | *For Aluminum With Satin Finish, Add* | *666.50* | |
| | | *For Third Rail, Add* | *171.69* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *228.93* | |
| 32 31 19 00-0158 | EA | 8' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,553.68 | 55.07 |
| | | *For Solid Pickets, Add* | *562.77* | |
| | | *For Aluminum With Satin Finish, Add* | *695.26* | |
| | | *For Third Rail, Add* | *179.72* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *239.62* | |
| 32 31 19 00-0159 | EA | 9' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 2,660.46 | 63.24 |
| | | *For Solid Pickets, Add* | *585.06* | |
| | | *For Aluminum With Satin Finish, Add* | *716.88* | |
| | | *For Third Rail, Add* | *185.99* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *247.99* | |
| 32 31 19 00-0160 | EA | 10' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,093.97 | 71.33 |
| | | *For Solid Pickets, Add* | *680.87* | |
| | | *For Aluminum With Satin Finish, Add* | *836.53* | |
| | | *For Third Rail, Add* | *216.77* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *289.03* | |
| 32 31 19 00-0161 | EA | 12' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,864.70 | 80.30 |
| | | *For Solid Pickets, Add* | *852.35* | |
| | | *For Aluminum With Satin Finish, Add* | *1,056.14* | |
| | | *For Third Rail, Add* | *272.64* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *363.52* | |
| 32 31 19 00-0162 | EA | 14' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,516.73 | 90.57 |
| | | *For Solid Pickets, Add* | *771.85* | |
| | | *For Aluminum With Satin Finish, Add* | *938.54* | |
| | | *For Third Rail, Add* | *244.34* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *325.79* | |
| 32 31 19 00-0163 | EA | 16' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 3,760.60 | 102.46 |
| | | *For Solid Pickets, Add* | *824.19* | |
| | | *For Aluminum With Satin Finish, Add* | *996.48* | |
| | | *For Third Rail, Add* | *260.10* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *346.79* | |
| 32 31 19 00-0164 | EA | 18' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 4,142.22 | 115.48 |
| | | *For Solid Pickets, Add* | *907.25* | |
| | | *For Aluminum With Satin Finish, Add* | *1,094.16* | |
| | | *For Third Rail, Add* | *285.92* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *381.22* | |
| 32 31 19 00-0165 | EA | 20' Wide x 8' High Steel Tube Double Swing Gate<br>Note: Includes mounting hardware and associated trim. | 4,215.15 | 130.12 |
| | | *For Solid Pickets, Add* | *920.52* | |
| | | *For Aluminum With Satin Finish, Add* | *1,097.22* | |
| | | *For Third Rail, Add* | *288.25* | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *384.33* | |

32 31 19 00-0166 Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*

| | | | | |
|---|---|---|---|---|
| 32 31 19 00-0167 | LF | Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket | 24.29 | |
| | | *For 1" Square x 14 Gauge Pickets, Add* | *0.81* | |

32 31 19 00-0168 Removal And Reinstallation Of Ornamental Fences *(32 31 19)*
Note: Including storage and cleaning. Excludes augering and concrete.

| | | | | |
|---|---|---|---|---|
| 32 31 19 00-0169 | LF | Removal And Reinstallation Of Ornamental Fence Up To 5' Height | 36.39 | |
| 32 31 19 00-0170 | LF | Removal And Reinstallation Of Ornamental Fence, 6' Height | 40.03 | |
| 32 31 19 00-0171 | LF | Removal And Reinstallation Of Ornamental Fence, 7' Height | 43.67 | |
| 32 31 19 00-0172 | LF | Removal And Reinstallation Of Ornamental Fence, 8' Height | 47.31 | |
| 32 31 19 00-0173 | LF | Removal And Reinstallation Of Ornamental Fence, 9' Height | 50.95 | |
| 32 31 19 00-0174 | LF | Removal And Reinstallation Of Ornamental Fence, 10' Height | 54.58 | |
| 32 31 19 00-0175 | LF | Removal And Reinstallation Of Ornamental Fence 12' Height | 60.65 | |

## 32 31 26 Wire Fences and Gates *(32 31)*

### 32 31 26 13 Wire Fences with Steel Posts *(32 31 26)*

32 31 26 13-0001 Chicken Wire *(32 31 26 13)*
Note: Posts at 4'.

| | | | | |
|---|---|---|---|---|
| 32 31 26 13-0002 | LF | 4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4' | 6.90 | 1.39 |
| 32 31 26 13-0003 | LF | 6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4' | 7.45 | 1.39 |

32 31 26 13-0004 Wire And Screen *(32 31 26 13)*

32 31 26 13-0005 Wire And Screen For Partitions And Fences *(32 31 26 13-0004)*
Note: Excludes framing and post.

32 31 26 13-0006 Screen Wire *(32 31 26 13-0005)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 26 13-0007 | LF | Screen Wire, 48" Wide Rolls | 10.36 | 0.87 |
| **32 31 26 13-0008** | | **Hog Wire** *(32 31 26 13-0005)* | | |
| 32 31 26 13-0009 | SF | 4" x 4" Hog Wire For Fencing | 1.80 | 0.70 |
| 32 31 26 13-0010 | SF | 6" x 6" Hog Wire For Fencing | 1.88 | 0.78 |
| **32 31 26 13-0011** | | **Non-Climb Horse Fence** *(32 31 26 13-0005)* | | |
| 32 31 26 13-0012 | LF | 4' Non-Climb Woven, 12.5 Gauge, Horse Fence | 8.48 | 2.80 |
| 32 31 26 13-0013 | LF | 5' Non-Climb Woven, 12.5 Gauge, Horse Fence | 10.94 | 3.49 |
| 32 31 26 13-0014 | LF | 6' Non-Climb Woven, 12.5 Gauge, Horse Fence | 13.84 | 4.19 |
| **32 31 26 13-0015** | | **Screen For Partitions And Ceilings** *(32 31 26 13-0004)* | | |
| | | Note: Can be used to support insulation on walls and ceilings. | | |
| 32 31 26 13-0016 | SF | 1" Mesh Chicken Wire | 1.78 | 0.49 |
| **32 31 26 13-0017** | | **Wicket Fence** *(32 31 26 13)* | | |
| 32 31 26 13-0018 | LF | Steel Wicket Fence, Painted | 65.78 | 4.79 |

## 32 31 29 Wood Fences and Gates *(32 31)*

See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

| | | | | |
|---|---|---|---|---|
| **32 31 29 00-0001** | | **Basket Weave** *(32 31 29)* | | |
| | | Note: 3/8" x 4" boards, 4" x 4" post | | |
| 32 31 29 00-0002 | LF | 6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post | 37.74 | 2.76 |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.18* | |
| 32 31 29 00-0003 | LF | 6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post | 24.00 | 2.76 |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.51* | |
| **32 31 29 00-0004** | | **Board Fence** *(32 31 29)* | | |
| | | Note: 1x4" board, 2x4" rail, 4x4" post. | | |
| 32 31 29 00-0005 | LF | Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence | 24.10 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.37* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *2.89* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.52* | |
| 32 31 29 00-0006 | LF | Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence | 26.96 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.59* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.14* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.69* | |
| 32 31 29 00-0007 | LF | Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence | 30.42 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.78* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.33* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.88* | |
| 32 31 29 00-0008 | LF | Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence | 32.60 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.93* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.49* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.00* | |
| 32 31 29 00-0009 | LF | Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence | 34.96 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-3.09* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.66* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.13* | |
| 32 31 29 00-0010 | LF | Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence | 26.01 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.44* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *2.95* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.62* | |
| 32 31 29 00-0011 | LF | Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence | 28.44 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.64* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.18* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.76* | |
| 32 31 29 00-0012 | LF | Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence | 30.42 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.78* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.33* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.88* | |
| 32 31 29 00-0013 | LF | Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence | 32.60 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.93* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.49* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.00* | |
| 32 31 29 00-0014 | LF | Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence | 34.96 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-3.09* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.66* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.13* | |
| 32 31 29 00-0015 | LF | Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence | 26.02 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.44* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *2.95* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.62* | |
| 32 31 29 00-0016 | LF | Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence | 34.97 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-2.91* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.38* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.09* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 29 00-0017 | LF | Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence | 36.69 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-3.03* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.52* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.19* | |
| 32 31 29 00-0018 | LF | Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence | 39.61 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-3.21* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.70* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.35* | |
| 32 31 29 00-0019 | LF | Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence | 42.77 | 2.76 |
| | | *For 1" x 6" Boards, Deduct* | *-3.40* | |
| | | *For 1" x 3" Boards (Stockade Top), Add* | *3.89* | |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.52* | |
| **32 31 29 00-0020** | | **Shadow Box** *(32 31 29)* | | |
| | | Note: 1x6" board, 2x4" Rail, 4x4" post. | | |
| 32 31 29 00-0021 | LF | Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine | 51.78 | 2.76 |
| | | *For Fastening With Screws Instead Of Nails, Add* | *2.88* | |
| 32 31 29 00-0022 | LF | Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar | 65.19 | 2.76 |
| | | *For Fastening With Screws Instead Of Nails, Add* | *3.60* | |
| 32 31 29 00-0023 | LF | Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar | 71.14 | 2.76 |
| | | *For Fastening With Screws Instead Of Nails, Add* | *3.91* | |
| 32 31 29 00-0024 | LF | Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar | 76.45 | 2.76 |
| | | *For Fastening With Screws Instead Of Nails, Add* | *4.20* | |
| **32 31 29 00-0025** | | **Open Rail Fence** *(32 31 29)* | | |
| **32 31 29 00-0026** | | **Post And Rail Fence, Ranch Style** *(32 31 29 00-0025)* | | |
| 32 31 29 00-0027 | LF | Post And Rail Fence, 2 Rails, 3' High #1 Cedar | 24.07 | 2.76 |
| 32 31 29 00-0028 | LF | Post And Rail Fence, 2 Rails, 3' High #2 Cedar | 18.18 | 2.76 |
| 32 31 29 00-0029 | LF | Post And Rail Fence, 3 Rails, 4' High #1 Cedar | 28.85 | 2.76 |
| 32 31 29 00-0030 | LF | Post And Rail Fence, 3 Rails, 4' High #2 Cedar | 19.67 | 2.76 |
| **32 31 29 00-0031** | | **Split Rail Fence** *(32 31 29 00-0025)* | | |
| 32 31 29 00-0032 | LF | Split Rail Fence, 2 Rails, 3' High #1 Cedar | 22.55 | 2.76 |
| 32 31 29 00-0033 | LF | Split Rail Fence, 2 Rails, 3' High #2 Cedar | 18.11 | 2.76 |
| 32 31 29 00-0034 | LF | Split Rail Fence, 3 Rail, 4' High #1 Cedar | 25.96 | 2.76 |
| 32 31 29 00-0035 | LF | Split Rail Fence, 3 Rail, 4' High #2 Cedar | 20.53 | 2.76 |
| **32 31 29 00-0036** | | **Picket Fence** *(32 31 29)* | | |
| 32 31 29 00-0037 | LF | Picket Fence, 2 Rail, 3' High, Pressure Treated | 24.08 | 2.76 |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.53* | |
| 32 31 29 00-0038 | LF | Picket Fence, 2 Rail, 3' High #1 Cedar | 22.54 | 2.76 |
| | | *For Fastening With Screws Instead Of Nails, Add* | *1.46* | |
| **32 31 29 00-0039** | | **Wood Fence Post Accessories** *(32 31 29)* | | |
| 32 31 29 00-0040 | EA | 3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap | 37.82 | |
| 32 31 29 00-0041 | EA | 4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap | 42.75 | |
| 32 31 29 00-0042 | EA | 6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap | 46.45 | |
| 32 31 29 00-0043 | EA | 8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap | 69.84 | |
| **32 31 29 00-0044** | | **Wood Gate** *(32 31 29)* | | |
| **32 31 29 00-0045** | | **Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0044)* | | |
| | | Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber). | | |
| 32 31 29 00-0046 | EA | 3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 383.85 | 109.01 |
| 32 31 29 00-0047 | EA | 3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 426.79 | 115.54 |
| 32 31 29 00-0048 | EA | 3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 478.44 | 126.45 |
| 32 31 29 00-0049 | EA | 3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 547.90 | 132.99 |
| 32 31 29 00-0050 | EA | 3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 617.37 | 139.53 |
| 32 31 29 00-0051 | EA | >5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 486.79 | 143.89 |
| 32 31 29 00-0052 | EA | >5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 533.04 | 150.43 |
| 32 31 29 00-0053 | EA | >5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 579.28 | 156.97 |
| 32 31 29 00-0054 | EA | >5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 658.70 | 163.51 |
| 32 31 29 00-0055 | EA | >5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 721.53 | 170.05 |
| **32 31 29 00-0056** | | **Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0044)* | | |
| | | Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber) | | |
| 32 31 29 00-0057 | EA | 3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 620.79 | 86.51 |
| 32 31 29 00-0058 | EA | 3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 641.12 | 91.70 |
| 32 31 29 00-0059 | EA | 3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 671.69 | 100.34 |
| 32 31 29 00-0060 | EA | 3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 708.60 | 105.54 |
| 32 31 29 00-0061 | EA | 3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 755.46 | 110.73 |
| 32 31 29 00-0062 | EA | >5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 725.90 | 114.19 |
| 32 31 29 00-0063 | EA | >5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 752.86 | 119.38 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 31 29 00-0064 | EA | >5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 796.41 | 124.57 |
| 32 31 29 00-0065 | EA | >5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 839.96 | 129.76 |
| 32 31 29 00-0066 | EA | >5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 883.51 | 134.95 |
| 32 31 29 00-0067 | | Board Fence Gates, Grade 1 Cedar *(32 31 29 00-0044)* | | |
| | | Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber) | | |
| 32 31 29 00-0068 | EA | 3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 670.54 | 86.51 |
| 32 31 29 00-0069 | EA | 3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 697.50 | 91.70 |
| 32 31 29 00-0070 | EA | 3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 731.39 | 100.34 |
| 32 31 29 00-0071 | EA | 3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 774.94 | 105.54 |
| 32 31 29 00-0072 | EA | 3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 818.48 | 110.73 |
| 32 31 29 00-0073 | EA | >5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 792.24 | 114.19 |
| 32 31 29 00-0074 | EA | >5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 819.20 | 119.38 |
| 32 31 29 00-0075 | EA | >5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 862.75 | 124.57 |
| 32 31 29 00-0076 | EA | >5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 906.30 | 129.76 |
| 32 31 29 00-0077 | EA | >5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware | 966.43 | 134.95 |
| 32 31 29 00-0078 | | Pressure Treated Wood Fence Posts *(32 31 29)* | | |
| | | See CSI section 32 31 13 13-0001 for drilling augering, 32 31 13 13-0642 for barbed wire, 32 31 56 00-0017 for barbed wire. | | |
| 32 31 29 00-0079 | EA | 4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill | 36.29 | 10.91 |
| 32 31 29 00-0080 | EA | 6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill | 41.54 | 10.91 |
| 32 31 29 00-0081 | EA | 4' High, Pressure Treated Wood Fence Posts, Set In Concrete | 63.09 | 20.93 |
| 32 31 29 00-0082 | EA | 6' High, Pressure Treated Wood Fence Posts, Set In Concrete | 69.05 | 20.93 |
| **32 31 56** | | **Wild Life Deterrent Fence** *(32 31)* | | |
| 32 31 56 00-0001 | | Barbed Wire Fences *(32 31 56)* | | |
| | | Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill. | | |
| 32 31 56 00-0002 | | Fence Posts *(32 31 56 00-0001)* | | |
| 32 31 56 00-0003 | | Fence Post Soil, Set In Concrete *(32 31 56 00-0002)* | | |
| 32 31 56 00-0004 | EA | Barbed Wire Fence Post, Galvanized Set In Concrete In Soil | 88.35 | 6.46 |
| | | *For Bracing On Corner Post, End Post And Pull Post, Add* | *142.96* | |
| 32 31 56 00-0005 | EA | Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil | 120.29 | 6.46 |
| | | *For Bracing On Corner Post, End Post And Pull Post, Add* | *196.30* | |
| 32 31 56 00-0006 | | Post In Rock *(32 31 56 00-0002)* | | |
| 32 31 56 00-0007 | EA | Barbed Wire Fence Post, Galvanized Grouted In Rock | 86.94 | 6.46 |
| | | *For Bracing On Corner Post, End Post And Pull Post, Add* | *140.85* | |
| 32 31 56 00-0008 | EA | Barbed Wire Fence Post, Vinyl Coated Grouted In Rock | 118.88 | 6.46 |
| | | *For Bracing On Corner Post, End Post And Pull Post, Add* | *194.19* | |
| 32 31 56 00-0009 | | Studded Steel T-Posts, Enamel Paint Finish *(32 31 56 00-0001)* | | |
| | | Note: Posts for barb wire, chain link or welded wire mesh. | | |
| 32 31 56 00-0010 | EA | 5' Studded Steel T-Post, Driven Into Earth | 21.12 | |
| 32 31 56 00-0011 | EA | 5'-6" Studded Steel T-Post, Driven Into Earth | 21.63 | |
| 32 31 56 00-0012 | EA | 6' Studded Steel T-Post, Driven Into Earth | 22.68 | |
| 32 31 56 00-0013 | EA | 6'-6" Studded Steel T-Post, Driven Into Earth | 23.72 | |
| 32 31 56 00-0014 | EA | 7' Studded Steel T-Post, Driven Into Earth | 25.14 | |
| 32 31 56 00-0015 | EA | 8' Studded Steel T-Post, Driven Into Earth | 28.45 | |
| 32 31 56 00-0016 | EA | 10' Studded Steel T-Post, Driven Into Earth | 35.11 | |
| 32 31 56 00-0017 | | Barbed Wire *(32 31 56 00-0001)* | | |
| | | Note: Per strand. | | |
| 32 31 56 00-0018 | LF | Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand | 0.73 | 0.32 |
| 32 31 56 00-0019 | LF | Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand | 0.86 | 0.32 |
| 32 31 56 00-0020 | | Barbed Wire Fence, Farm Style, With Wood Posts *(32 31 56 00-0001)* | | |
| | | Note: Based on post at 10' centers, two corner post and two pull post per 300 lf. | | |
| 32 31 56 00-0021 | LF | 4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts | 9.44 | 2.11 |
| | | Note: Posts at 10' maximum. | | |
| 32 32 | | Retaining Walls *(32 30)* | | |
| **32 32 13** | | **Cast-In-Place Concrete Retaining Wall** *(32 32)* | | |
| | | Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading. | | |
| 32 32 13 00-0001 | LF | 4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 333.31 | 121.33 |
| | | *For >3:1 Sloped Soil At Top, Add* | *7.71* | |
| 32 32 13 00-0002 | LF | 6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 415.84 | 149.30 |
| | | *For >3:1 Sloped Soil At Top, Add* | *9.96* | |
| 32 32 13 00-0003 | LF | 8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 453.00 | 161.05 |
| | | *For >3:1 Sloped Soil At Top, Add* | *11.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 32 13 00-0004 | LF | 10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 577.23 | 199.13 |
| | | *For >3:1 Sloped Soil At Top, Add* | *15.22* | |
| 32 32 13 00-0005 | LF | 12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 665.28 | 228.73 |
| | | *For >3:1 Sloped Soil At Top, Add* | *17.66* | |
| 32 32 13 00-0006 | LF | 16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 962.30 | 335.55 |
| | | *For >3:1 Sloped Soil At Top, Add* | *24.76* | |
| 32 32 13 00-0007 | LF | 20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 1,320.96 | 463.24 |
| | | *For >3:1 Sloped Soil At Top, Add* | *33.52* | |
| 32 32 13 00-0008 | LF | 4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 366.31 | 132.51 |
| | | *For >3:1 Sloped Soil At Top, Add* | *8.61* | |
| 32 32 13 00-0009 | LF | 6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 448.44 | 159.66 |
| | | *For >3:1 Sloped Soil At Top, Add* | *10.98* | |
| 32 32 13 00-0010 | LF | 8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 474.90 | 166.59 |
| | | *For >3:1 Sloped Soil At Top, Add* | *12.05* | |
| 32 32 13 00-0011 | LF | 10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 653.48 | 223.26 |
| | | *For >3:1 Sloped Soil At Top, Add* | *17.58* | |
| 32 32 13 00-0012 | LF | 12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 828.49 | 286.78 |
| | | *For >3:1 Sloped Soil At Top, Add* | *21.67* | |
| 32 32 13 00-0013 | LF | 16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 1,242.17 | 434.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | *31.69* | |
| 32 32 13 00-0014 | LF | 20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall | 1,753.08 | 613.61 |
| | | *For >3:1 Sloped Soil At Top, Add* | *44.70* | |

## 32 32 16 Precast Concrete Retaining Walls *(32 32)*

### 32 32 16 00-0001 Precast Retaining Walls *(32 32 16)*

Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.

| | | | | |
|---|---|---|---|---|
| 32 32 16 00-0002 | SF | 10-15' High, Tied-back, Precast Concrete Retaining Walls | 87.19 | 11.03 |
| 32 32 16 00-0003 | SF | 16-20' High, Tied-back, Precast Concrete Retaining Walls | 90.09 | 8.86 |
| 32 32 16 00-0004 | SF | 21-25' High, Tied-back, Precast Concrete Retaining Walls | 93.84 | 7.39 |
| 32 32 16 00-0005 | SF | 26-30' High, Tied-back, Precast Concrete Retaining Walls | 101.61 | 7.39 |
| 32 32 16 00-0006 | SF | >30' High, Tied-back, Precast Concrete Retaining Walls | 107.83 | 6.30 |

## 32 32 23 Segmental Retaining Walls *(32 32)*

### 32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls *(32 32 23)*

### 32 32 23 13-0001 Modular Retaining Wall Systems *(32 32 23 13)*

Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.

### 32 32 23 13-0002 "Amastone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

| | | | | |
|---|---|---|---|---|
| 32 32 23 13-0003 | SF | Up To 4' Height "Amastone" Type Modular Retaining Wall System | 29.08 | 6.66 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.34* | |
| 32 32 23 13-0004 | SF | 4 To 8' Height "Amastone" Type Modular Retaining Wall System | 30.68 | 7.01 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.42* | |
| 32 32 23 13-0005 | SF | 8 To 12' Height "Amastone" Type Modular Retaining Wall System | 32.45 | 7.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.45* | |
| 32 32 23 13-0006 | SF | 12 To 16' Height "Amastone" Type Modular Retaining Wall System | 34.29 | 8.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.48* | |

### 32 32 23 13-0007 "Diamond" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

| | | | | |
|---|---|---|---|---|
| 32 32 23 13-0008 | SF | Up To 4' Height "Diamond" Type Modular Retaining Wall System | 29.91 | 6.66 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.41* | |
| 32 32 23 13-0009 | SF | 4 To 8' Height "Diamond" Type Modular Retaining Wall System | 31.50 | 7.01 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.49* | |
| 32 32 23 13-0010 | SF | 8 To 12' Height "Diamond" Type Modular Retaining Wall System | 33.28 | 7.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.52* | |
| 32 32 23 13-0011 | SF | 12 To 16' Height "Diamond" Type Modular Retaining Wall System | 35.11 | 8.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.55* | |

### 32 32 23 13-0012 "Keystone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

| | | | | |
|---|---|---|---|---|
| 32 32 23 13-0013 | SF | Up To 4' Height "Keystone" Type Modular Retaining Wall System | 31.88 | 6.66 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.58* | |
| 32 32 23 13-0014 | SF | 4 To 8' Height "Keystone" Type Modular Retaining Wall System | 33.47 | 7.01 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.65* | |
| 32 32 23 13-0015 | SF | 8 To 12' Height "Keystone" Type Modular Retaining Wall System | 35.25 | 7.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.69* | |
| 32 32 23 13-0016 | SF | 12 To 16' Height "Keystone" Type Modular Retaining Wall System | 37.08 | 8.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.72* | |

### 32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

| | | | | |
|---|---|---|---|---|
| 32 32 23 13-0018 | SF | Up To 4' Height "Criblock" Type Modular Retaining Wall System | 29.08 | 6.66 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.34* | |
| | | *For Gravel Backfill Instead Of Earth, Add* | *0.25* | |
| 32 32 23 13-0019 | SF | 4 To 8' Height "Criblock" Type Modular Retaining Wall System | 30.68 | 7.01 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.42* | |
| | | *For Gravel Backfill Instead Of Earth, Add* | *0.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 32 23 13-0020 | SF | 8 To 12' Height "Criblock" Type Modular Retaining Wall System | 32.45 | 7.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.45* | |
| | | *For Gravel Backfill Instead Of Earth, Add* | *0.25* | |
| 32 32 23 13-0021 | SF | 12 To 16' Height "Criblock" Type Modular Retaining Wall System | 34.29 | 8.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.48* | |
| | | *For Gravel Backfill Instead Of Earth, Add* | *0.25* | |
| 32 32 23 13-0022 | | "Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)* | | |
| 32 32 23 13-0023 | SF | Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System | 26.58 | 6.66 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.13* | |
| 32 32 23 13-0024 | SF | 4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System | 29.00 | 7.01 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.27* | |
| 32 32 23 13-0025 | SF | 8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System | 30.79 | 7.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.31* | |
| 32 32 23 13-0026 | SF | 12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System | 32.47 | 8.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.33* | |
| 32 32 23 13-0027 | | Retaining Wall Cap Block Restoration *(32 32 23 13-0001)*<br>Note: Includes removal of existing cap block and installation of new cap block to match. | | |
| 32 32 23 13-0028 | LF | Removal And Reinstall Retaining Wall Cap Block And Pins | 27.83 | |
| | | *For >3:1 Sloped Soil At Top, Add* | *1.49* | |
| **32 32 26** | | **Metal Crib Retaining Walls** *(32 32)* | | |
| 32 32 26 00-0001 | | Aluminized Steel Bin *(32 32 26)*<br>Note: Excludes excavation and backfill. | | |
| 32 32 26 00-0002 | SF | 4' High, 5.5' Deep Aluminized Steel Bin | 44.85 | 4.37 |
| | | *For >3:1 Sloped Soil At Top, Add* | *3.07* | |
| | | *For Galvanized Type, Deduct* | *-3.61* | |
| 32 32 26 00-0003 | SF | 8' High, 5.5' Deep Aluminized Steel Bin | 50.42 | 4.37 |
| | | *For >3:1 Sloped Soil At Top, Add* | *3.54* | |
| | | *For Galvanized Type, Deduct* | *-4.16* | |
| 32 32 26 00-0004 | SF | 10' High, 7.7' Deep Aluminized Steel Bin | 53.83 | 4.77 |
| | | *For >3:1 Sloped Soil At Top, Add* | *3.77* | |
| | | *For Galvanized Type, Deduct* | *-4.43* | |
| 32 32 26 00-0005 | SF | 12' High, 7.7' Deep Aluminized Steel Bin | 61.32 | 5.38 |
| | | *For >3:1 Sloped Soil At Top, Add* | *4.30* | |
| | | *For Galvanized Type, Deduct* | *-5.06* | |
| 32 32 26 00-0006 | SF | 16' High, 7.7' Deep Aluminized Steel Bin | 58.92 | 5.59 |
| | | *For >3:1 Sloped Soil At Top, Add* | *4.07* | |
| | | *For Galvanized Type, Deduct* | *-4.78* | |
| 32 32 26 00-0007 | SF | 16' High, 9.9' Deep Aluminized Steel Bin | 65.88 | 5.69 |
| | | *For >3:1 Sloped Soil At Top, Add* | *4.64* | |
| | | *For Galvanized Type, Deduct* | *-5.46* | |
| 32 32 26 00-0008 | SF | 20' High, 9.9' Deep Aluminized Steel Bin | 73.18 | 5.99 |
| | | *For >3:1 Sloped Soil At Top, Add* | *5.19* | |
| | | *For Galvanized Type, Deduct* | *-6.11* | |
| 32 32 26 00-0009 | SF | 20' High, 12.1' Deep Aluminized Steel Bin | 74.90 | 6.30 |
| | | *For >3:1 Sloped Soil At Top, Add* | *5.30* | |
| | | *For Galvanized Type, Deduct* | *-6.24* | |
| 32 32 26 00-0010 | SF | 24' High, 12.1' Deep Aluminized Steel Bin | 78.91 | 6.30 |
| | | *For >3:1 Sloped Soil At Top, Add* | *5.64* | |
| | | *For Galvanized Type, Deduct* | *-6.63* | |
| 32 32 26 00-0011 | SF | 24' High, 14.3' Deep Aluminized Steel Bin | 82.90 | 6.40 |
| | | *For >3:1 Sloped Soil At Top, Add* | *5.97* | |
| | | *For Galvanized Type, Deduct* | *-7.02* | |
| 32 32 26 00-0012 | SF | 28' High, 14.3' Deep Aluminized Steel Bin | 85.72 | 6.50 |
| | | *For >3:1 Sloped Soil At Top, Add* | *6.19* | |
| | | *For Galvanized Type, Deduct* | *-7.28* | |
| **32 32 29** | | **Timber Retaining Walls** *(32 32)* | | |
| 32 32 29 00-0001 | | Wood Post Retaining Walls *(32 32 29)*<br>Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading. | | |
| 32 32 29 00-0002 | LF | 4" x 4", 1' High, Redwood, Wood Post Retaining Walls | 104.25 | 23.10 |
| | | *For >3:1 Sloped Soil At Top, Add* | *4.94* | |
| 32 32 29 00-0003 | LF | 4" x 4", 2' High, Redwood, Wood Post Retaining Walls | 203.77 | 45.23 |
| | | *For >3:1 Sloped Soil At Top, Add* | *9.64* | |
| 32 32 29 00-0004 | LF | 4" x 4", 1' High, Cedar, Wood Post Retaining Walls | 96.83 | 23.10 |
| | | *For >3:1 Sloped Soil At Top, Add* | *4.31* | |
| 32 32 29 00-0005 | LF | 4" x 4", 2' High, Cedar, Wood Post Retaining Walls | 189.34 | 45.23 |
| | | *For >3:1 Sloped Soil At Top, Add* | *8.41* | |
| 32 32 29 00-0006 | LF | 4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls | 108.46 | 20.18 |
| | | *For >3:1 Sloped Soil At Top, Add* | *5.78* | |
| 32 32 29 00-0007 | LF | 4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls | 212.58 | 39.47 |
| | | *For >3:1 Sloped Soil At Top, Add* | *11.35* | |
| 32 32 29 00-0008 | LF | 4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls | 84.91 | 17.91 |
| | | *For >3:1 Sloped Soil At Top, Add* | *4.17* | |
| 32 32 29 00-0009 | LF | 4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls | 153.47 | 32.42 |
| | | *For >3:1 Sloped Soil At Top, Add* | *7.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 32 29 00-0010 | LF | 6" x 6", 2' High, Redwood, Wood Post Retaining Walls | 299.19 | 54.79 |
| | | *For >3:1 Sloped Soil At Top, Add* | *16.12* | |
| 32 32 29 00-0011 | LF | 6" x 6", 4' High, Redwood, Wood Post Retaining Walls | 593.96 | 107.39 |
| | | *For >3:1 Sloped Soil At Top, Add* | *32.24* | |
| 32 32 29 00-0012 | LF | 6" x 6", 2' High, Cedar, Wood Post Retaining Walls | 290.95 | 54.79 |
| | | *For >3:1 Sloped Soil At Top, Add* | *15.42* | |
| 32 32 29 00-0013 | LF | 6" x 6", 4' High, Cedar, Wood Post Retaining Walls | 573.35 | 107.39 |
| | | *For >3:1 Sloped Soil At Top, Add* | *30.49* | |
| 32 32 29 00-0014 | LF | 6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls | 305.79 | 44.50 |
| | | *For >3:1 Sloped Soil At Top, Add* | *18.42* | |
| 32 32 29 00-0015 | LF | 6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls | 609.28 | 87.86 |
| | | *For >3:1 Sloped Soil At Top, Add* | *36.85* | |
| 32 32 29 00-0016 | LF | 6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls | 213.46 | 35.58 |
| | | *For >3:1 Sloped Soil At Top, Add* | *12.09* | |
| 32 32 29 00-0017 | LF | 6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls | 421.63 | 69.62 |
| | | *For >3:1 Sloped Soil At Top, Add* | *24.00* | |
| 32 32 29 00-0018 | LF | 8" x 8", 4' High, Redwood, Wood Post Retaining Walls | 802.30 | 118.74 |
| | | *For >3:1 Sloped Soil At Top, Add* | *48.01* | |
| 32 32 29 00-0019 | LF | 8" x 8", 6' High, Redwood, Wood Post Retaining Walls | 1,502.75 | 221.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | *90.05* | |
| 32 32 29 00-0020 | LF | 8" x 8", 4' High, Cedar, Wood Post Retaining Walls | 761.08 | 118.74 |
| | | *For >3:1 Sloped Soil At Top, Add* | *44.50* | |
| 32 32 29 00-0021 | LF | 8" x 8", 6' High, Cedar, Wood Post Retaining Walls | 1,424.43 | 221.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | *83.40* | |
| 32 32 29 00-0022 | LF | 8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls | 788.15 | 136.98 |
| | | *For >3:1 Sloped Soil At Top, Add* | *43.70* | |
| 32 32 29 00-0023 | LF | 8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls | 1,469.38 | 255.80 |
| | | *For >3:1 Sloped Soil At Top, Add* | *81.41* | |
| 32 32 29 00-0024 | LF | 8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls | 561.52 | 110.72 |
| | | *For >3:1 Sloped Soil At Top, Add* | *28.91* | |
| 32 32 29 00-0025 | LF | 8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls | 1,041.43 | 205.39 |
| | | *For >3:1 Sloped Soil At Top, Add* | *53.61* | |
| 32 32 29 00-0026 | LF | 4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls | 194.39 | 45.63 |
| | | *For >3:1 Sloped Soil At Top, Add* | *8.76* | |
| 32 32 29 00-0027 | LF | 6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls | 289.52 | 68.48 |
| | | *For >3:1 Sloped Soil At Top, Add* | *12.97* | |
| 32 32 29 00-0028 | LF | 8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls | 384.59 | 91.26 |
| | | *For >3:1 Sloped Soil At Top, Add* | *17.17* | |
| 32 32 29 00-0029 | LF | 4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls | 152.60 | 25.78 |
| | | *For >3:1 Sloped Soil At Top, Add* | *8.59* | |
| 32 32 29 00-0030 | LF | 6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls | 222.83 | 37.20 |
| | | *For >3:1 Sloped Soil At Top, Add* | *12.61* | |
| 32 32 29 00-0031 | LF | 8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls | 302.44 | 50.25 |
| | | *For >3:1 Sloped Soil At Top, Add* | *17.17* | |

### 32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

| | | | | |
|---|---|---|---|---|
| 32 32 29 00-0033 | LF | 4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls | 102.22 | 13.69 |
| | | *For >3:1 Sloped Soil At Top, Add* | *6.36* | |
| 32 32 29 00-0034 | LF | 4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls | 147.80 | 23.42 |
| | | *For >3:1 Sloped Soil At Top, Add* | *8.59* | |
| 32 32 29 00-0035 | LF | 6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls | 200.44 | 29.10 |
| | | *For >3:1 Sloped Soil At Top, Add* | *12.09* | |
| 32 32 29 00-0036 | LF | 6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls | 278.24 | 41.25 |
| | | *For >3:1 Sloped Soil At Top, Add* | *16.64* | |
| 32 32 29 00-0037 | LF | 6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls | 364.95 | 53.66 |
| | | *For >3:1 Sloped Soil At Top, Add* | *21.90* | |
| 32 32 29 00-0038 | LF | 8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls | 764.74 | 106.18 |
| | | *For >3:1 Sloped Soil At Top, Add* | *46.95* | |
| 32 32 29 00-0039 | LF | 8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls | 874.13 | 117.61 |
| | | *For >3:1 Sloped Soil At Top, Add* | *54.31* | |
| 32 32 29 00-0040 | LF | 4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls | 102.33 | 14.26 |
| | | *For >3:1 Sloped Soil At Top, Add* | *6.27* | |
| 32 32 29 00-0041 | LF | 4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls | 178.48 | 25.37 |
| | | *For >3:1 Sloped Soil At Top, Add* | *10.86* | |
| 32 32 29 00-0042 | LF | 6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls | 175.51 | 24.88 |
| | | *For >3:1 Sloped Soil At Top, Add* | *10.69* | |
| 32 32 29 00-0043 | LF | 6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls | 242.56 | 35.75 |
| | | *For >3:1 Sloped Soil At Top, Add* | *14.54* | |
| 32 32 29 00-0044 | LF | 6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls | 371.81 | 57.06 |
| | | *For >3:1 Sloped Soil At Top, Add* | *21.90* | |
| 32 32 29 00-0045 | LF | 6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar | 299.97 | 43.85 |
| | | *For >3:1 Sloped Soil At Top, Add* | *18.05* | |
| 32 32 29 00-0046 | LF | 8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar | 792.15 | 109.58 |
| | | *For >3:1 Sloped Soil At Top, Add* | *48.71* | |
| 32 32 29 00-0047 | LF | 4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated | 94.99 | 26.34 |
| | | *For >3:1 Sloped Soil At Top, Add* | *3.59* | |
| 32 32 29 00-0048 | LF | 4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated | 140.24 | 37.44 |
| | | *For >3:1 Sloped Soil At Top, Add* | *5.55* | |
| 32 32 29 00-0049 | LF | 4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat | 216.10 | 51.38 |
| | | *For >3:1 Sloped Soil At Top, Add* | *9.64* | |
| 32 32 29 00-0050 | LF | 6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated | 394.04 | 86.73 |
| | | *For >3:1 Sloped Soil At Top, Add* | *18.75* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 32 29 00-0051 | LF | 6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated | 404.35 | 86.73 |
| | | *For >3:1 Sloped Soil At Top, Add* | *19.62* | |
| 32 32 29 00-0052 | LF | 6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat | 372.80 | 83.32 |
| | | *For >3:1 Sloped Soil At Top, Add* | *17.52* | |
| 32 32 29 00-0053 | LF | 8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated | 894.49 | 191.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | *43.45* | |
| 32 32 29 00-0054 | LF | 4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking | 94.99 | 26.34 |
| | | *For >3:1 Sloped Soil At Top, Add* | *3.59* | |
| 32 32 29 00-0055 | LF | 4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking | 140.24 | 37.44 |
| | | *For >3:1 Sloped Soil At Top, Add* | *5.55* | |
| 32 32 29 00-0056 | LF | 4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking | 216.10 | 51.38 |
| | | *For >3:1 Sloped Soil At Top, Add* | *9.64* | |
| 32 32 29 00-0057 | LF | 6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking | 274.19 | 63.95 |
| | | *For >3:1 Sloped Soil At Top, Add* | *12.44* | |
| 32 32 29 00-0058 | LF | 6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls | 394.04 | 86.73 |
| | | *For >3:1 Sloped Soil At Top, Add* | *18.75* | |
| 32 32 29 00-0059 | LF | 6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls | 372.80 | 83.32 |
| | | *For >3:1 Sloped Soil At Top, Add* | *17.52* | |
| 32 32 29 00-0060 | LF | 8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls | 894.49 | 191.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | *43.45* | |

### 32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

### 32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

| | | | | |
|---|---|---|---|---|
| 32 32 29 00-0063 | LF | 2' High, 6" x 6" Wood Tie Wall | 155.10 | 28.04 |
| | | *For >3:1 Sloped Soil At Top, Add* | *8.41* | |
| 32 32 29 00-0064 | LF | 4' High, 6" x 6" Wood Tie Wall Deadman At 6' | 354.57 | 63.95 |
| | | *For >3:1 Sloped Soil At Top, Add* | *19.27* | |
| 32 32 29 00-0065 | LF | 6' High, 6" x 6" Wood Tie Wall Deadman At 6' | 529.85 | 95.88 |
| | | *For >3:1 Sloped Soil At Top, Add* | *28.73* | |
| 32 32 29 00-0066 | LF | 4' High, 8" x 8" Wood Tie Wall Deadman At 6' | 555.98 | 82.19 |
| | | *For >3:1 Sloped Soil At Top, Add* | *33.29* | |
| 32 32 29 00-0067 | LF | 6' High, 8" x 8" Wood Tie Wall Deadman At 6' | 836.14 | 123.28 |
| | | *For >3:1 Sloped Soil At Top, Add* | *50.11* | |
| 32 32 29 00-0068 | LF | 8' High, 8" x 8" Wood Tie Wall Deadman At 6' | 1,107.42 | 162.10 |
| | | *For >3:1 Sloped Soil At Top, Add* | *66.58* | |

### 32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

| | | | | |
|---|---|---|---|---|
| 32 32 29 00-0070 | LF | 2' High, 6" x 6" Wood Tie Wall | 150.98 | 28.04 |
| | | *For >3:1 Sloped Soil At Top, Add* | *8.06* | |
| 32 32 29 00-0071 | LF | 4' High, 6" x 6" Wood Tie Wall Deadman At 6' | 342.21 | 63.95 |
| | | *For >3:1 Sloped Soil At Top, Add* | *18.22* | |
| 32 32 29 00-0072 | LF | 6' High, 6" x 6" Wood Tie Wall Deadman At 6' | 513.36 | 95.88 |
| | | *For >3:1 Sloped Soil At Top, Add* | *27.33* | |
| 32 32 29 00-0073 | LF | 4' High, 8" x 8" Wood Tie Wall Deadman At 6' | 527.12 | 82.19 |
| | | *For >3:1 Sloped Soil At Top, Add* | *30.84* | |
| 32 32 29 00-0074 | LF | 6' High, 8" x 8" Wood Tie Wall Deadman At 6' | 794.91 | 123.28 |
| | | *For >3:1 Sloped Soil At Top, Add* | *46.60* | |
| 32 32 29 00-0075 | LF | 8' High, 8" x 8" Wood Tie Wall Deadman At 6' | 1,049.71 | 162.10 |
| | | *For >3:1 Sloped Soil At Top, Add* | *61.67* | |

### 32 32 29 00-0076 Creosoted Wood *(32 32 29 00-0061)*

| | | | | |
|---|---|---|---|---|
| 32 32 29 00-0077 | LF | 2' High, 6" x 8" Wood Tie Wall | 144.71 | 37.20 |
| | | *For >3:1 Sloped Soil At Top, Add* | *5.97* | |
| 32 32 29 00-0078 | LF | 4' High, 6" x 8" Wood Tie Wall Deadman At 6' | 329.95 | 85.59 |
| | | *For >3:1 Sloped Soil At Top, Add* | *13.49* | |
| 32 32 29 00-0079 | LF | 6' High, 6" x 8" Wood Tie Wall Deadman At 6' | 490.43 | 126.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | *20.15* | |
| 32 32 29 00-0080 | LF | 4' High, 7" x 9" Wood Tie Wall Deadman At 6' | 662.12 | 172.31 |
| | | *For >3:1 Sloped Soil At Top, Add* | *26.98* | |
| 32 32 29 00-0081 | LF | 6' High, 7" x 9" Wood Tie Wall Deadman At 6' | 963.73 | 251.02 |
| | | *For >3:1 Sloped Soil At Top, Add* | *39.25* | |
| 32 32 29 00-0082 | LF | 8' High, 7" x 9" Wood Tie Wall Deadman At 6' | 1,279.87 | 332.80 |
| | | *For >3:1 Sloped Soil At Top, Add* | *52.21* | |

### 32 32 29 00-0083 Pressure Treated Wood *(32 32 29 00-0061)*

| | | | | |
|---|---|---|---|---|
| 32 32 29 00-0084 | LF | 2' High, 6" x 6" Wood Tie Wall | 139.31 | 23.18 |
| | | *For >3:1 Sloped Soil At Top, Add* | *7.90* | |
| 32 32 29 00-0085 | LF | 4' High, 6" x 6" Wood Tie Wall Deadman At 6' | 317.32 | 52.52 |
| | | *For >3:1 Sloped Soil At Top, Add* | *18.05* | |
| 32 32 29 00-0086 | LF | 6' High, 6" x 6" Wood Tie Wall Deadman At 6' | 474.95 | 78.78 |
| | | *For >3:1 Sloped Soil At Top, Add* | *26.98* | |
| 32 32 29 00-0087 | LF | 4' High, 8" x 8" Wood Tie Wall Deadman At 6' | 480.05 | 94.74 |
| | | *For >3:1 Sloped Soil At Top, Add* | *24.70* | |
| 32 32 29 00-0088 | LF | 6' High, 8" x 8" Wood Tie Wall Deadman At 6' | 724.22 | 141.60 |
| | | *For >3:1 Sloped Soil At Top, Add* | *37.49* | |
| 32 32 29 00-0089 | LF | 8' High, 8" x 8" Wood Tie Wall Deadman At 6' | 957.78 | 188.29 |
| | | *For >3:1 Sloped Soil At Top, Add* | *49.41* | |


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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|

## 32 32 53 Stone Retaining Walls *(32 32)*

### 32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

### 32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

| | | | | | |
|---|---|---|---|---|---|
| 32 32 53 00-0003 | LF | $16.00/ton 3' High Stone Retaining Wall, Dry Set | | 359.95 | 157.79 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *3.77* | |
| 32 32 53 00-0004 | LF | $16.00/ton 4' High Stone Retaining Wall, Dry Set | | 423.91 | 187.72 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *4.12* | |
| 32 32 53 00-0005 | LF | $16.00/ton 6' High Stone Retaining Wall, Dry Set | | 555.47 | 249.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *4.82* | |
| 32 32 53 00-0006 | LF | $16.00/ton 8' High Stone Retaining Wall, Dry Set | | 853.12 | 389.96 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *6.22* | |
| 32 32 53 00-0007 | LF | $16.00/ton 10' High Stone Retaining Wall, Dry Set | | 1,106.81 | 510.11 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *7.36* | |
| 32 32 53 00-0008 | LF | $16.00/ton 12' High Stone Retaining Wall, Dry Set | | 1,372.52 | 635.24 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *8.67* | |
| 32 32 53 00-0009 | LF | $16.00/ton 3' High Stone Retaining Wall, Mortar Set | | 323.71 | 139.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *3.77* | |
| 32 32 53 00-0010 | LF | $16.00/ton 4' High Stone Retaining Wall, Mortar Set | | 379.04 | 165.30 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *4.12* | |
| 32 32 53 00-0011 | LF | $16.00/ton 6' High Stone Retaining Wall, Mortar Set | | 489.25 | 216.25 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *4.82* | |
| 32 32 53 00-0012 | LF | $16.00/ton 8' High Stone Retaining Wall, Mortar Set | | 746.53 | 336.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *6.22* | |
| 32 32 53 00-0013 | LF | $16.00/ton 10' High Stone Retaining Wall, Mortar Set | | 957.29 | 435.39 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *7.36* | |
| 32 32 53 00-0014 | LF | $16.00/ton 12' High Stone Retaining Wall, Mortar Set | | 1,188.08 | 543.06 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *8.67* | |

### 32 32 53 00-0015 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $32.00/ton.

| | | | | | |
|---|---|---|---|---|---|
| 32 32 53 00-0016 | LF | $32.00/ton 3' High Stone Retaining Wall, Dry Set | | 373.35 | 157.79 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *4.90* | |
| 32 32 53 00-0017 | LF | $32.00/ton 4' High Stone Retaining Wall, Dry Set | | 442.46 | 187.72 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *5.69* | |
| 32 32 53 00-0018 | LF | $32.00/ton 6' High Stone Retaining Wall, Dry Set | | 582.26 | 249.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *7.09* | |
| 32 32 53 00-0019 | LF | $32.00/ton 8' High Stone Retaining Wall, Dry Set | | 892.27 | 389.96 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *9.55* | |
| 32 32 53 00-0020 | LF | $32.00/ton 10' High Stone Retaining Wall, Dry Set | | 1,160.38 | 510.11 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *11.91* | |
| 32 32 53 00-0021 | LF | $32.00/ton 12' High Stone Retaining Wall, Dry Set | | 1,440.52 | 635.24 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *14.45* | |
| 32 32 53 00-0022 | LF | $32.00/ton 3' High Stone Retaining Wall, Mortar Set | | 337.11 | 139.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *4.90* | |
| 32 32 53 00-0023 | LF | $32.00/ton 4' High Stone Retaining Wall, Mortar Set | | 397.59 | 165.30 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *5.69* | |
| 32 32 53 00-0024 | LF | $32.00/ton 6' High Stone Retaining Wall, Mortar Set | | 516.04 | 216.25 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *7.09* | |
| 32 32 53 00-0025 | LF | $32.00/ton 8' High Stone Retaining Wall, Mortar Set | | 785.68 | 336.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *9.55* | |
| 32 32 53 00-0026 | LF | $32.00/ton 10' High Stone Retaining Wall, Mortar Set | | 1,010.86 | 435.39 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *11.91* | |
| 32 32 53 00-0027 | LF | $32.00/ton 12' High Stone Retaining Wall, Mortar Set | | 1,256.08 | 543.06 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *14.45* | |

### 32 32 53 00-0028 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $48.00/ton.

| | | | | | |
|---|---|---|---|---|---|
| 32 32 53 00-0029 | LF | $48.00/ton 3' High Stone Retaining Wall, Dry Set | | 387.77 | 157.79 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *6.13* | |
| 32 32 53 00-0030 | LF | $48.00/ton 4' High Stone Retaining Wall, Dry Set | | 460.80 | 187.72 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *7.25* | |
| 32 32 53 00-0031 | LF | $48.00/ton 6' High Stone Retaining Wall, Dry Set | | 608.01 | 249.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *9.28* | |
| 32 32 53 00-0032 | LF | $48.00/ton 8' High Stone Retaining Wall, Dry Set | | 931.43 | 389.96 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *12.87* | |
| 32 32 53 00-0033 | LF | $48.00/ton 10' High Stone Retaining Wall, Dry Set | | 1,213.96 | 510.11 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *16.46* | |
| 32 32 53 00-0034 | LF | $48.00/ton 12' High Stone Retaining Wall, Dry Set | | 1,509.55 | 635.24 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *20.32* | |
| 32 32 53 00-0035 | LF | $48.00/ton 3' High Stone Retaining Wall, Mortar Set | | 351.53 | 139.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *6.13* | |
| 32 32 53 00-0036 | LF | $48.00/ton 4' High Stone Retaining Wall, Mortar Set | | 416.14 | 165.30 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *7.27* | |
| 32 32 53 00-0037 | LF | $48.00/ton 6' High Stone Retaining Wall, Mortar Set | | 541.79 | 216.25 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *9.28* | |
| 32 32 53 00-0038 | LF | $48.00/ton 8' High Stone Retaining Wall, Mortar Set | | 824.84 | 336.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | | *12.87* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 32 53 00-0039 | LF | $48.00/ton 10' High Stone Retaining Wall, Mortar Set | 1,064.44 | 435.39 |
| | | *For >3:1 Sloped Soil At Top, Add* | *16.46* | |
| 32 32 53 00-0040 | LF | $48.00/ton 12' High Stone Retaining Wall, Mortar Set | 1,325.11 | 543.06 |
| | | *For >3:1 Sloped Soil At Top, Add* | *20.32* | |
| 32 32 53 00-0041 | | Stone Retaining Walls *(32 32 53 00-0001)* | | |
| | | Note: Stone at $64.00/ton. | | |
| 32 32 53 00-0042 | LF | $64.00/ton 3' High Stone Retaining Wall, Dry Set | 402.20 | 157.79 |
| | | *For >3:1 Sloped Soil At Top, Add* | *7.36* | |
| 32 32 53 00-0043 | LF | $64.00/ton 4' High Stone Retaining Wall, Dry Set | 458.95 | 187.72 |
| | | *For >3:1 Sloped Soil At Top, Add* | *7.09* | |
| 32 32 53 00-0044 | LF | $64.00/ton 6' High Stone Retaining Wall, Dry Set | 635.83 | 249.41 |
| | | *For >3:1 Sloped Soil At Top, Add* | *11.65* | |
| 32 32 53 00-0045 | LF | $64.00/ton 8' High Stone Retaining Wall, Dry Set | 972.64 | 389.96 |
| | | *For >3:1 Sloped Soil At Top, Add* | *16.38* | |
| 32 32 53 00-0046 | LF | $64.00/ton 10' High Stone Retaining Wall, Dry Set | 1,269.60 | 510.11 |
| | | *For >3:1 Sloped Soil At Top, Add* | *21.19* | |
| 32 32 53 00-0047 | LF | $64.00/ton 12' High Stone Retaining Wall, Dry Set | 1,579.62 | 635.24 |
| | | *For >3:1 Sloped Soil At Top, Add* | *26.27* | |
| 32 32 53 00-0048 | LF | $64.00/ton 3' High Stone Retaining Wall, Mortar Set | 365.96 | 139.71 |
| | | *For >3:1 Sloped Soil At Top, Add* | *7.36* | |
| 32 32 53 00-0049 | LF | $64.00/ton 4' High Stone Retaining Wall, Mortar Set | 434.68 | 165.30 |
| | | *For >3:1 Sloped Soil At Top, Add* | *8.85* | |
| 32 32 53 00-0050 | LF | $64.00/ton 6' High Stone Retaining Wall, Mortar Set | 569.61 | 216.25 |
| | | *For >3:1 Sloped Soil At Top, Add* | *11.65* | |
| 32 32 53 00-0051 | LF | $64.00/ton 8' High Stone Retaining Wall, Mortar Set | 866.05 | 336.68 |
| | | *For >3:1 Sloped Soil At Top, Add* | *16.38* | |
| 32 32 53 00-0052 | LF | $64.00/ton 10' High Stone Retaining Wall, Mortar Set | 1,120.08 | 435.39 |
| | | *For >3:1 Sloped Soil At Top, Add* | *21.19* | |
| 32 32 53 00-0053 | LF | $64.00/ton 12' High Stone Retaining Wall, Mortar Set | 1,395.18 | 543.06 |
| | | *For >3:1 Sloped Soil At Top, Add* | *26.27* | |

## 32 33 Site Furnishings *(32 30)*

### 32 33 13 Site Bicycle Racks *(32 33)*

| | | | | |
|---|---|---|---|---|
| 32 33 13 00-0001 | | Bicycle Organizer And Rack *(32 33 13)* | | |
| 32 33 13 00-0002 | | Vertical Style Bike Racks Single/Double Sided, Galvanized *(32 33 13 00-0001)* | | |
| 32 33 13 00-0003 | | Double Sided *(32 33 13 00-0002)* | | |
| 32 33 13 00-0004 | EA | 5' Galvanized Steel Double Sided Bike Rack, 9 Bikes | 658.34 | 96.91 |
| 32 33 13 00-0005 | EA | 10' Galvanized Steel Double Sided Bike Rack, 18 Bikes | 987.65 | 159.22 |
| 32 33 13 00-0006 | EA | 20' Galvanized Steel Double Sided Bike Rack, 36 Bikes | 1,713.89 | 242.29 |
| 32 33 13 00-0007 | | Single Sided *(32 33 13 00-0002)* | | |
| 32 33 13 00-0008 | EA | 5' Galvanized Steel Single Sided Bike Rack, 5 Bikes | 575.76 | 86.53 |
| 32 33 13 00-0009 | EA | 10' Galvanized Steel Single Sided Bike Rack, 9 Bikes | 807.13 | 143.99 |
| 32 33 13 00-0010 | EA | 20' Galvanized Steel Single Sided Bike Rack, 18 Bikes | 1,393.16 | 216.34 |
| 32 33 13 00-0011 | | Anchor Set For Vertical Style Bike Rack *(32 33 13 00-0002)* | | |
| 32 33 13 00-0012 | PR | Anchor Set For Vertical Style Bike Rack<br>Note: Anchoring frame to ground. | 101.76 | |
| 32 33 13 00-0013 | | Bike Racks Ground Loop *(32 33 13 00-0001)*<br>Note: In-ground mount. | | |
| 32 33 13 00-0014 | EA | 83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes | 841.77 | 169.81 |
| 32 33 13 00-0015 | | Serpentine Bike Racks *(32 33 13 00-0001)*<br>Note: In-ground mount. | | |
| 32 33 13 00-0016 | | Galvanized, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)* | | |
| 32 33 13 00-0017 | EA | 1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized | 458.72 | 103.84 |
| 32 33 13 00-0018 | EA | 3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized | 637.24 | 112.49 |
| 32 33 13 00-0019 | EA | 5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized | 815.75 | 121.15 |
| 32 33 13 00-0020 | EA | 7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized | 1,017.31 | 129.80 |
| 32 33 13 00-0021 | EA | 9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized | 1,218.87 | 138.45 |
| 32 33 13 00-0022 | EA | 11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized | 1,328.30 | 147.11 |
| 32 33 13 00-0023 | | Galvanized, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)* | | |
| 32 33 13 00-0024 | EA | 1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized | 526.25 | 103.84 |
| 32 33 13 00-0025 | EA | 3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized | 685.92 | 112.49 |
| 32 33 13 00-0026 | EA | 5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized | 845.59 | 121.15 |
| 32 33 13 00-0027 | EA | 7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized | 987.47 | 129.80 |
| 32 33 13 00-0028 | EA | 9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized | 1,147.16 | 138.45 |
| 32 33 13 00-0029 | EA | 11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized | 1,342.43 | 147.11 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **32 33 13 00-0030** | | **Powder Coated, 36" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)* | | |
| 32 33 13 00-0031 | EA | 1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated | 458.72 | 103.84 |
| 32 33 13 00-0032 | EA | 3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated | 637.24 | 112.49 |
| 32 33 13 00-0033 | EA | 5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated | 815.75 | 121.15 |
| 32 33 13 00-0034 | EA | 7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated | 1,017.31 | 129.80 |
| 32 33 13 00-0035 | EA | 9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated | 1,218.87 | 138.45 |
| 32 33 13 00-0036 | EA | 11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated | 1,328.30 | 147.11 |
| **32 33 13 00-0037** | | **Powder Coated, 42" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)* | | |
| 32 33 13 00-0038 | EA | 1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated | 544.04 | 103.84 |
| 32 33 13 00-0039 | EA | 3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated | 721.51 | 112.49 |
| 32 33 13 00-0040 | EA | 5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated | 881.18 | 121.15 |
| 32 33 13 00-0041 | EA | 7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated | 1,076.46 | 129.80 |
| 32 33 13 00-0042 | EA | 9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated | 1,236.14 | 138.45 |
| 32 33 13 00-0043 | EA | 11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated | 1,449.21 | 147.11 |
| **32 33 13 00-0044** | | **Stainless Steel, 36" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)* | | |
| 32 33 13 00-0045 | EA | 1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel | 912.41 | 103.84 |
| 32 33 13 00-0046 | EA | 3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel | 1,382.26 | 112.49 |
| 32 33 13 00-0047 | EA | 5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel | 1,852.14 | 121.15 |
| 32 33 13 00-0048 | EA | 7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel | 2,386.67 | 129.80 |
| 32 33 13 00-0049 | EA | 9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel | 2,921.19 | 138.45 |
| 32 33 13 00-0050 | EA | 11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel | 3,197.11 | 147.11 |
| **32 33 13 00-0051** | | **Stainless Steel, 42" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)* | | |
| 32 33 13 00-0052 | EA | 1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel | 704.21 | 103.84 |
| 32 33 13 00-0053 | EA | 3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel | 1,611.33 | 112.49 |
| 32 33 13 00-0054 | EA | 5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel | 2,126.93 | 121.15 |
| 32 33 13 00-0055 | EA | 7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel | 2,606.95 | 129.80 |
| 32 33 13 00-0056 | EA | 9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel | 3,104.77 | 138.45 |
| 32 33 13 00-0057 | EA | 11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel | 3,620.38 | 147.11 |
| **32 33 13 00-0058** | | **Bike Racks Bollards/Bicycle Posts** *(32 33 13 00-0001)*<br>Note: In-ground mount. | | |
| 32 33 13 00-0059 | EA | 43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G) | 531.16 | 77.89 |
| **32 33 23** | | **Site Trash and Litter Receptacles** *(32 33)* | | |
| **32 33 23 00-0001** | | **Steel Trash Containment** *(32 33 23)* | | |
| **32 33 23 00-0002** | | **Steel Frame Surrounded With Kiln-Dried Wood** *(32 33 23 00-0001)* | | |
| 32 33 23 00-0003 | EA | 13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood | 461.73 | 41.28 |
| 32 33 23 00-0004 | EA | 24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood | 439.96 | 41.28 |
| 32 33 23 00-0005 | EA | 21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood | 439.96 | 41.28 |
| 32 33 23 00-0006 | EA | 24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood | 415.48 | 41.28 |
| 32 33 23 00-0007 | EA | 18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood | 461.73 | 41.28 |
| 32 33 23 00-0008 | EA | 23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood | 415.48 | 41.28 |
| 32 33 23 00-0009 | EA | 24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood | 575.99 | 41.28 |
| **32 33 23 00-0010** | | **Square Steel Frames Surrounded With Flat Steel** *(32 33 23 00-0001)* | | |
| 32 33 23 00-0011 | EA | 26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround | 849.78 | 41.28 |
| 32 33 23 00-0012 | EA | 26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround | 918.92 | 41.28 |
| 32 33 23 00-0013 | EA | 26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround | 918.92 | 41.28 |
| **32 33 23 00-0014** | | **Round Steel Pipe And Flat Steel Frames** *(32 33 23 00-0001)*<br>Note: Surrounded with kiln-dried wood. | | |
| 32 33 23 00-0015 | EA | 21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood | 1,264.61 | 41.28 |
| 32 33 23 00-0016 | EA | 21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood | 1,363.38 | 41.28 |
| 32 33 23 00-0017 | EA | 21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood | 1,573.26 | 41.28 |
| 32 33 23 00-0018 | EA | 21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood | 1,425.11 | 41.28 |
| **32 33 23 00-0019** | | **Round Steel Pipe Surrounded With Perforated** *(32 33 23 00-0001)* | | |
| 32 33 23 00-0020 | EA | 21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe | 1,128.80 | 41.28 |
| 32 33 23 00-0021 | EA | 21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe | 1,227.57 | 41.28 |
| 32 33 23 00-0022 | EA | 21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe | 1,437.45 | 41.28 |
| 32 33 23 00-0023 | EA | 21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe | 1,301.65 | 41.28 |
| **32 33 23 00-0024** | | **Round Steel Pipe Frames Surrounded With Welded Wire** *(32 33 23 00-0001)* | | |
| 32 33 23 00-0025 | EA | 21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround | 894.22 | 41.28 |
| 32 33 23 00-0026 | EA | 21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround | 992.99 | 41.28 |
| 32 33 23 00-0027 | EA | 21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround | 1,202.88 | 41.28 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 33 23 00-0028 | EA | 21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround | 1,067.07 | 41.28 |
| 32 33 23 00-0029 | | **Litter Baskets** *(32 33 23)* | | |
| 32 33 23 00-0030 | | **Round Wire Litter Baskets** *(32 33 23 00-0029)* | | |
| 32 33 23 00-0031 | EA | 1.33' Diameter x 1.83' High Round Wire Litter Basket | 159.45 | 4.20 |
| 32 33 23 00-0032 | EA | 1.5' Diameter x 1.83' High Round Wire Litter Basket | 201.70 | 4.20 |
| 32 33 23 00-0033 | EA | 1.75' Diameter x 2.33' High Round Wire Litter Basket | 273.39 | 4.20 |
| 32 33 23 00-0034 | EA | 1.83' Diameter x 2.83' High Round Wire Litter Basket | 313.84 | 4.20 |
| 32 33 23 00-0035 | | **Trash Can/Wire Basket Holder** *(32 33 23 00-0029)* | | |
| 32 33 23 00-0036 | EA | Steel Post, Single Holder | 218.63 | 33.71 |
| 32 33 23 00-0037 | EA | Steel Post, Double Holder | 299.49 | 33.71 |
| 32 33 23 00-0038 | EA | Redwood Post, Single Holder | 205.11 | 33.71 |
| 32 33 23 00-0039 | EA | Redwood Post, Double Holder | 254.48 | 33.71 |
| 32 33 23 00-0040 | | **Litter Receptacles, Freestanding** *(32 33 23 00-0029)*<br>Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube. | | |
| 32 33 23 00-0041 | EA | 16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded | 1,285.87 | 17.20 |
| | | *For Powder Coated Sand Pan, Add* | *50.00* | |
| | | *For Orange Peel Lid, Add* | *25.00* | |
| | | *For Polished Granite Lid, Add* | *50.00* | |
| 32 33 23 00-0042 | EA | 16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded | 1,353.88 | 17.20 |
| | | *For Powder Coated Sand Pan, Add* | *50.00* | |
| | | *For Orange Peel Lid, Add* | *25.00* | |
| | | *For Polished Granite Lid, Add* | *50.00* | |
| 32 33 23 00-0043 | EA | 20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded | 1,575.12 | 25.79 |
| | | *For Powder Coated Sand Pan, Add* | *50.00* | |
| | | *For Orange Peel Lid, Add* | *25.00* | |
| | | *For Polished Granite Lid, Add* | *50.00* | |
| 32 33 23 00-0044 | EA | 20" Diameter x 40" High Litter Receptacle, Freestanding Embedded | 1,643.14 | 25.79 |
| | | *For Powder Coated Sand Pan, Add* | *50.00* | |
| | | *For Orange Peel Lid, Add* | *25.00* | |
| | | *For Polished Granite Lid, Add* | *50.00* | |
| 32 33 23 00-0045 | EA | 16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole | 1,711.15 | 25.79 |
| | | *For Powder Coated Sand Pan, Add* | *50.00* | |
| | | *For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add* | *22.50* | |
| | | *For Orange Peel Lid, Add* | *25.00* | |
| | | *For Polished Granite Lid, Add* | *50.00* | |
| 32 33 23 00-0046 | EA | 16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole | 1,779.17 | 25.79 |
| | | *For Powder Coated Sand Pan, Add* | *50.00* | |
| | | *For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add* | *22.50* | |
| | | *For Orange Peel Lid, Add* | *25.00* | |
| | | *For Polished Granite Lid, Add* | *50.00* | |
| 32 33 23 00-0047 | EA | 16" Diameter x 28" High Litter Receptacle, Wall Mount | 1,418.61 | 22.36 |
| | | *For Powder Coated Sand Pan, Add* | *50.00* | |
| | | *For Orange Peel Lid, Add* | *25.00* | |
| | | *For Polished Granite Lid, Add* | *50.00* | |
| | | *For 1-1/2" x 6" Diameter Metal Cover Plate , Add* | *20.00* | |
| 32 33 23 00-0048 | EA | 16" Diameter x 32" High Litter Receptacle, Wall Mount | 1,486.63 | 22.36 |
| | | *For Powder Coated Sand Pan, Add* | *50.00* | |
| | | *For Orange Peel Lid, Add* | *25.00* | |
| | | *For Polished Granite Lid, Add* | *50.00* | |
| | | *For 1-1/2" x 6" Diameter Metal Cover Plate , Add* | *20.00* | |
| 32 33 23 00-0049 | | **Ash Receptacles** *(32 33 23)* | | |
| 32 33 23 00-0050 | EA | 12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded | 550.20 | 17.20 |
| | | *For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add* | *22.50* | |
| | | *For Sand Pan, Add* | *110.00* | |
| | | *For Bowl And Funnel, Add* | *120.00* | |
| 32 33 23 00-0051 | EA | 18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner | 230.43 | 17.20 |
| 32 33 23 00-0052 | | **Trash Receptacles** *(32 33 23)* | | |
| 32 33 23 00-0053 | EA | Outdoor Covered Steel Receptacle With Liner | 1,054.61 | 17.20 |
| 32 33 23 00-0054 | EA | Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame | 911.29 | 17.20 |
| 32 33 23 00-0055 | EA | 24" x 24" Square Trash Containment With Exposed Aggregate Finish | 594.10 | 17.20 |
| 32 33 23 00-0056 | EA | 30" x 30" Square Trash Containment With Exposed Aggregate Finish | 619.50 | 18.91 |
| 32 33 23 00-0057 | EA | 36" x 36" Square Trash Containment With Exposed Aggregate Finish | 666.83 | 20.63 |
| 32 33 23 00-0058 | EA | 32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber | 454.29 | 13.76 |
| 32 33 23 00-0059 | EA | 32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber | 543.20 | 13.76 |
| 32 33 23 00-0060 | EA | 24" x 24" Square 18" High Trash Receptacle, Fiberglass | 351.30 | 17.20 |
| 32 33 23 00-0061 | EA | BigBelly Solar Intelligent Waste And Recycling Collection System<br>Note: 50.4" high x 26.5" wide x 26" depth, 32 gallon bin, single station, in mixed waste or single stream configuration, and without special graphics. | 7,409.35 | 36.40 |
| 32 33 23 00-0062 | | **Trash Containers (Dumpsters)** *(32 33 23)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 33 23 00-0063 | EA | 1 CY Straight Side Trash Dumpster | 263.15 | |
| 32 33 23 00-0064 | EA | 1.5 CY Straight Side Trash Dumpster | 394.73 | |
| 32 33 23 00-0065 | EA | 2 CY Straight Side Trash Dumpster | 526.31 | |
| 32 33 23 00-0066 | EA | 2 CY Sloped Side Trash Dumpster | 526.31 | |
| 32 33 23 00-0067 | EA | 3 CY Sloped Side Trash Dumpster | 789.46 | |
| 32 33 23 00-0068 | EA | 4 CY Sloped Side Trash Dumpster | 1,052.62 | |
| 32 33 23 00-0069 | EA | 6 CY Sloped Side Trash Dumpster | 1,578.92 | |
| 32 33 23 00-0070 | EA | 8 CY Sloped Side Trash Dumpster | 2,105.23 | |

## 32 33 33 Site Manufactured Planters *(32 33)*

### 32 33 33 00-0001 Precast Concrete Planters *(32 33 33)*

### 32 33 33 00-0002 Circular Precast Concrete Planters *(32 33 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0003 | EA | 24" Diameter, 17" Height, Circular Precast Concrete Planter | 707.17 | 21.68 |
| 32 33 33 00-0004 | EA | 24" Diameter, 24" Height, Circular Precast Concrete Planter | 791.34 | 26.02 |
| 32 33 33 00-0005 | EA | 24" Diameter, 33" Height, Circular Precast Concrete Planter | 866.82 | 26.02 |
| 32 33 33 00-0006 | EA | 30" Diameter, 17" Height, Circular Precast Concrete Planter | 939.87 | 30.36 |
| 32 33 33 00-0007 | EA | 30" Diameter, 30" Height, Circular Precast Concrete Planter | 1,137.05 | 39.03 |
| 32 33 33 00-0008 | EA | 36" Diameter, 24" Height, Circular Precast Concrete Planter | 1,239.18 | 39.03 |
| 32 33 33 00-0009 | EA | 36" Diameter, 30" Height, Circular Precast Concrete Planter | 1,396.59 | 43.36 |
| 32 33 33 00-0010 | EA | 48" Diameter, 17" Height, Circular Precast Concrete Planter | 1,476.52 | 43.36 |
| 32 33 33 00-0011 | EA | 48" Diameter, 24" Height, Circular Precast Concrete Planter | 1,642.52 | 54.21 |
| 32 33 33 00-0012 | EA | 48" Diameter, 30" Height, Circular Precast Concrete Planter | 1,747.13 | 57.67 |
| 32 33 33 00-0013 | EA | 48" Diameter, 36" Height, Circular Precast Concrete Planter | 1,819.80 | 60.71 |
| 32 33 33 00-0014 | EA | 60" Diameter, 17" Height, Circular Precast Concrete Planter | 1,652.84 | 54.21 |
| 32 33 33 00-0015 | EA | 60" Diameter, 24" Height, Circular Precast Concrete Planter | 1,817.58 | 60.71 |
| 32 33 33 00-0016 | EA | 60" Diameter, 36" Height, Circular Precast Concrete Planter | 2,334.67 | 65.04 |
| 32 33 33 00-0017 | EA | 72" Diameter, 36" Height, Circular Precast Concrete Planter | 3,030.94 | 82.39 |
| 32 33 33 00-0018 | EA | 84" Diameter, 36" Height, Circular Precast Concrete Planter | 3,525.83 | 86.73 |

### 32 33 33 00-0019 Square Precast Concrete Planters *(32 33 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0020 | EA | 36" Square, 30" Height, Square Precast Concrete Planter | 1,419.72 | 56.38 |
| 32 33 33 00-0021 | EA | 42" Square, 30" Height, Square Precast Concrete Planter | 1,627.23 | 60.71 |
| 32 33 33 00-0022 | EA | 60" Square, 36" Height, Square Precast Concrete Planter | 2,583.11 | 69.39 |
| 32 33 33 00-0023 | EA | 72" Square, 36" Height, Square Precast Concrete Planter | 2,756.07 | 73.72 |

### 32 33 33 00-0024 Rectangular Precast Concrete Planters *(32 33 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0025 | EA | 33" x 18", 20" Height, Rectangular Precast Concrete Planter | 824.64 | 26.02 |
| 32 33 33 00-0026 | EA | 48" x 18", 20" Height, Rectangular Precast Concrete Planter | 963.88 | 39.03 |
| 32 33 33 00-0027 | EA | 60" x 18", 20" Height, Rectangular Precast Concrete Planter | 1,119.08 | 43.36 |
| 32 33 33 00-0028 | EA | 72" x 18", 20" Height, Rectangular Precast Concrete Planter | 1,271.76 | 54.21 |

### 32 33 33 00-0029 Fiberglass Planters *(32 33 33)*

### 32 33 33 00-0030 Circular Fiberglass Planters *(32 33 33 00-0029)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0031 | EA | 36" Diameter, 27" High, Circular Fiberglass Planter | 1,755.90 | 21.68 |
| 32 33 33 00-0032 | EA | 60" Diameter, 39" High, Circular Fiberglass Planter | 2,936.14 | 21.68 |
| 32 33 33 00-0033 | EA | 36" Diameter, 24" High, Circular Fiberglass Planter | 1,163.66 | 21.68 |
| 32 33 33 00-0034 | EA | 60" Diameter, 24" High, Circular Fiberglass Planter | 2,313.96 | 21.68 |

### 32 33 33 00-0035 Tapered Circular Fiberglass Planters *(32 33 33 00-0029)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0036 | EA | 24" Diameter, 20" High, Tapered Circular Fiberglass Planter | 670.35 | 21.68 |
| 32 33 33 00-0037 | EA | 30" Diameter, 25" High, Tapered Circular Fiberglass Planter | 992.60 | 21.68 |
| 32 33 33 00-0038 | EA | 36" Diameter, 30" High, Tapered Circular Fiberglass Planter | 1,785.84 | 21.68 |
| 32 33 33 00-0039 | EA | 40" Diameter, 36" High, Tapered Circular Fiberglass Planter | 2,502.12 | 21.68 |

### 32 33 33 00-0040 Square Fiberglass Planters *(32 33 33 00-0029)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0041 | EA | 24" Square, 21" High, Square Fiberglass Planter | 886.88 | 21.68 |
| 32 33 33 00-0042 | EA | 24" Square, 24" High, Square Fiberglass Planter | 907.08 | 21.68 |
| 32 33 33 00-0043 | EA | 30" Square, 12" High, Square Fiberglass Planter | 917.76 | 21.68 |
| 32 33 33 00-0044 | EA | 30" Square, 21" High, Square Fiberglass Planter | 1,043.92 | 21.68 |
| 32 33 33 00-0045 | EA | 30" Square, 24" High, Square Fiberglass Planter | 1,135.85 | 21.68 |

### 32 33 33 00-0046 Rectangular Fiberglass Planters *(32 33 33 00-0029)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0047 | EA | 48" x 12", 12" High, Rectangular Fiberglass Planter | 1,023.94 | 21.68 |
| 32 33 33 00-0048 | EA | 48" x 12", 21" High, Rectangular Fiberglass Planter | 1,099.33 | 21.68 |
| 32 33 33 00-0049 | EA | 48" x 24", 12" High, Rectangular Fiberglass Planter | 1,438.79 | 21.68 |
| 32 33 33 00-0050 | EA | 48" x 24", 21" High, Rectangular Fiberglass Planter | 1,589.56 | 21.68 |

### 32 33 33 00-0051 Timber Planters *(32 33 33)*

### 32 33 33 00-0052 Square Timber Planters *(32 33 33 00-0051)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0053 | EA | 14" Square, 30" High, Square Timber Planter | 997.85 | 41.28 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 33 33 00-0054 | EA | 21" Square, 30" High, Square Timber Planter | 997.85 | 41.28 |
| 32 33 33 00-0055 | EA | 27" Square, 30" High, Square Timber Planter | 2,035.51 | 41.28 |
| 32 33 33 00-0056 | EA | 34" Square, 30" High, Square Timber Planter | 1,743.21 | 41.28 |
| 32 33 33 00-0057 | EA | 41" Square, 36" High, Square Timber Planter | 2,108.58 | 41.28 |
| 32 33 33 00-0058 | EA | 54" Square, 36" High, Square Timber Planter | 5,674.60 | 41.28 |
| 32 33 33 00-0059 | EA | 81" Square, 36" High, Square Timber Planter | 8,612.19 | 41.28 |

### 32 33 33 00-0060 Rectangular Timber Planters *(32 33 33 00-0051)*

| | | | | |
|---|---|---|---|---|
| 32 33 33 00-0061 | EA | 21" x 14", 30" High, Rectangular Timber Planter | 983.24 | 41.28 |
| 32 33 33 00-0062 | EA | 27" x 14", 30" High, Rectangular Timber Planter | 1,114.77 | 41.28 |
| 32 33 33 00-0063 | EA | 27" x 21", 30" High, Rectangular Timber Planter | 1,509.37 | 41.28 |
| 32 33 33 00-0064 | EA | 34" x 21", 30" High, Rectangular Timber Planter | 1,684.75 | 41.28 |
| 32 33 33 00-0065 | EA | 41" x 21", 30" High, Rectangular Timber Planter | 2,210.88 | 41.28 |
| 32 33 33 00-0066 | EA | 34" x 27", 30" High, Rectangular Timber Planter | 2,590.87 | 41.28 |
| 32 33 33 00-0067 | EA | 41" x 27", 30" High, Rectangular Timber Planter | 2,912.40 | 41.28 |
| 32 33 33 00-0068 | EA | 54" x 27", 30" High, Rectangular Timber Planter | 3,833.13 | 41.28 |
| 32 33 33 00-0069 | EA | 54" x 34", 30" High, Rectangular Timber Planter | 4,344.65 | 41.28 |
| 32 33 33 00-0070 | EA | 68" x 34", 36" High, Rectangular Timber Planter | 4,973.09 | 41.28 |
| 32 33 33 00-0071 | EA | 54" x 41", 36" High, Rectangular Timber Planter | 4,724.64 | 41.28 |
| 32 33 33 00-0072 | EA | 68" x 41", 36" High, Rectangular Timber Planter | 5,367.69 | 41.28 |
| 32 33 33 00-0073 | EA | 81" x 41", 36" High, Rectangular Timber Planter | 6,025.36 | 41.28 |

## 32 33 43 Site Seating and Tables *(32 33)*

### 32 33 43 13 Site Seating *(32 33 43)*

### 32 33 43 13-0001 Benches (Landscapeforms) *(32 33 43 13)*

Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.

| | | | | |
|---|---|---|---|---|
| 32 33 43 13-0002 | EA | 72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade) | 1,474.19 | 68.79 |
| 32 33 43 13-0003 | EA | 72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade) | 1,848.44 | 68.79 |
| 32 33 43 13-0004 | EA | 96" Backed Wood Bench (Landscapeforms Balustrade) | 2,089.02 | 68.79 |
| 32 33 43 13-0005 | EA | End Loop Arms For Backed Bench (Landscapeforms Balustrade) | 168.06 | 17.20 |
| 32 33 43 13-0006 | EA | 72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's) | 1,613.66 | 68.79 |
| 32 33 43 13-0007 | EA | 96" Backless Wood Bench (Landscapeforms Gretchen's) | 1,828.68 | 68.79 |
| 32 33 43 13-0008 | EA | 72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's) | 1,997.21 | 68.79 |
| 32 33 43 13-0009 | EA | 96" Backed Wood Bench (Landscapeforms Gretchen's) | 2,258.71 | 68.79 |
| 32 33 43 13-0010 | EA | 72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's) | 2,287.77 | 68.79 |
| 32 33 43 13-0011 | EA | 96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's) | 2,549.28 | 68.79 |
| 32 33 43 13-0012 | EA | 59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park) | 2,976.53 | 68.79 |
| 32 33 43 13-0013 | EA | 75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park) | 3,237.11 | 68.79 |
| 32 33 43 13-0014 | EA | 42" Backless Metal Grid Bench (Landscapeforms Manistee) | 830.07 | 51.60 |
| 32 33 43 13-0015 | EA | 62" Backless Metal Grid Bench (Landscapeforms Manistee) | 898.64 | 51.60 |
| 32 33 43 13-0016 | EA | 72" Backless Metal Grid Bench (Landscapeforms Manistee) | 970.70 | 60.20 |
| 32 33 43 13-0017 | EA | 82" Backless Metal Grid Bench (Landscapeforms Manistee) | 1,135.28 | 60.20 |
| 32 33 43 13-0018 | EA | 42" Backed Metal Grid Bench (Landscapeforms Manistee) | 1,039.27 | 60.20 |
| 32 33 43 13-0019 | EA | 62" Backed Metal Grid Bench (Landscapeforms Manistee) | 1,107.85 | 60.20 |
| 32 33 43 13-0020 | EA | 72" Backed Metal Grid Bench (Landscapeforms Manistee) | 1,193.62 | 68.79 |
| 32 33 43 13-0021 | EA | 82" Backed Metal Grid Bench (Landscapeforms Manistee) | 1,371.91 | 68.79 |
| 32 33 43 13-0022 | EA | 42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) | 1,162.70 | 60.20 |
| 32 33 43 13-0023 | EA | 62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) | 1,248.48 | 68.79 |
| 32 33 43 13-0024 | EA | 72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) | 1,317.05 | 68.79 |
| 32 33 43 13-0025 | EA | 82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) | 1,495.34 | 68.79 |
| 32 33 43 13-0026 | EA | 72" Backless Solid Wood Bench (Landscapeforms Palisade) | 2,392.37 | 68.79 |
| 32 33 43 13-0027 | EA | 96" Backless Solid Wood Bench (Landscapeforms Palisade) | 2,752.67 | 68.79 |
| 32 33 43 13-0028 | EA | 70" Backless Perforated Metal Bench (Landscapeforms Petoskey) | 1,527.65 | 68.79 |
| 32 33 43 13-0029 | EA | 70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey) | 1,848.44 | 68.79 |
| 32 33 43 13-0030 | EA | 70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey) | 2,008.83 | 68.79 |
| 32 33 43 13-0031 | EA | 72" Backed Wood Bench (Landscapeforms Plainwell) | 1,956.53 | 68.79 |
| 32 33 43 13-0032 | EA | 72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell) | 2,171.55 | 68.79 |
| 32 33 43 13-0033 | EA | 96" Backed Wood Bench (Landscapeforms Plainwell) | 2,404.00 | 68.79 |
| 32 33 43 13-0034 | EA | 96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell) | 2,619.02 | 68.79 |
| 32 33 43 13-0035 | EA | 96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell) | 2,839.84 | 68.79 |
| 32 33 43 13-0036 | EA | 72" Backed Aluminum Bench (Landscapeforms Plainwell) | 2,496.98 | 68.79 |
| 32 33 43 13-0037 | EA | 72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell) | 2,712.00 | 68.79 |
| 32 33 43 13-0038 | EA | 96" Backed Aluminum Bench (Landscapeforms Plainwell) | 3,066.49 | 68.79 |
| 32 33 43 13-0039 | EA | 96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell) | 3,293.13 | 68.79 |
| 32 33 43 13-0040 | EA | 96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell) | 3,502.33 | 68.79 |
| 32 33 43 13-0041 | EA | Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus) | 569.04 | 17.20 |
| 32 33 43 13-0042 | EA | Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus) | 766.62 | 17.20 |
| 32 33 43 13-0043 | EA | Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus) | 766.62 | 17.20 |
| 32 33 43 13-0044 | EA | Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus) | 696.89 | 17.20 |
| 32 33 43 13-0045 | EA | Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus) | 865.42 | 17.20 |
| 32 33 43 13-0046 | EA | Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus) | 865.42 | 17.20 |
| 32 33 43 13-0047 | EA | Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus) | 865.42 | 17.20 |
| 32 33 43 13-0048 | EA | Armrest For Metal Grid Seats (Landscapeforms Plexus) | 168.06 | 17.20 |
| 32 33 43 13-0049 | EA | Backless Straight Metal Grid Seats (Landscapeforms Presidio) | 801.49 | 17.20 |
| 32 33 43 13-0050 | EA | Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio) | 888.66 | 17.20 |
| 32 33 43 13-0051 | EA | Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio) | 975.83 | 17.20 |
| 32 33 43 13-0052 | EA | Backless Angled Metal Grid Seats (Landscapeforms Presidio) | 970.02 | 17.20 |
| 32 33 43 13-0053 | EA | Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio) | 1,057.19 | 17.20 |
| 32 33 43 13-0054 | EA | Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio) | 1,144.36 | 17.20 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 33 43 13-0055 | EA | Backed Straight Metal Grid Seats (Landscapeforms Presidio) | 958.40 | 17.20 |
| 32 33 43 13-0056 | EA | Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio) | 1,045.57 | 17.20 |
| 32 33 43 13-0057 | EA | Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio) | 1,132.74 | 17.20 |
| 32 33 43 13-0058 | EA | Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio) | 1,173.41 | 17.20 |
| 32 33 43 13-0059 | EA | Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio) | 1,260.58 | 17.20 |
| 32 33 43 13-0060 | EA | Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio) | 1,347.75 | 17.20 |
| 32 33 43 13-0061 | EA | Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio) | 1,173.41 | 17.20 |
| 32 33 43 13-0062 | EA | Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio) | 1,260.58 | 17.20 |
| 32 33 43 13-0063 | EA | Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio) | 1,347.75 | 17.20 |
| 32 33 43 13-0064 | EA | 48" Backless Horizontal Strap Bench (Landscapeforms Scarborough) | 1,590.41 | 68.79 |
| 32 33 43 13-0065 | EA | 72" Backless Horizontal Strap Bench (Landscapeforms Scarborough) | 1,613.66 | 68.79 |
| 32 33 43 13-0066 | EA | 96" Backless Horizontal Strap Bench (Landscapeforms Scarborough) | 1,968.15 | 68.79 |
| 32 33 43 13-0067 | EA | 48" Backless Woven Bench (Landscapeforms Scarborough) | 2,392.37 | 68.79 |
| 32 33 43 13-0068 | EA | 72" Backless Woven Bench (Landscapeforms Scarborough) | 2,828.22 | 68.79 |
| 32 33 43 13-0069 | EA | 96" Backless Woven Bench (Landscapeforms Scarborough) | 3,240.82 | 68.79 |
| 32 33 43 13-0070 | EA | 24" Backed Horizontal Strap Bench (Landscapeforms Scarborough) | 1,276.60 | 68.79 |
| 32 33 43 13-0071 | EA | 48" Backed Horizontal Strap Bench (Landscapeforms Scarborough) | 1,706.64 | 68.79 |
| 32 33 43 13-0072 | EA | 72" Backed Horizontal Strap Bench (Landscapeforms Scarborough) | 1,747.32 | 68.79 |
| 32 33 43 13-0073 | EA | 72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough) | 2,014.64 | 68.79 |
| 32 33 43 13-0074 | EA | 96" Backed Horizontal Strap Bench (Landscapeforms Scarborough) | 2,276.15 | 68.79 |
| 32 33 43 13-0075 | EA | 96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough) | 2,549.28 | 68.79 |
| 32 33 43 13-0076 | EA | 96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough) | 2,816.60 | 68.79 |
| 32 33 43 13-0077 | EA | 24" Backed Woven Bench (Landscapeforms Scarborough) | 2,276.15 | 68.79 |
| 32 33 43 13-0078 | EA | 48" Backed Woven Bench (Landscapeforms Scarborough) | 2,758.49 | 68.79 |
| 32 33 43 13-0079 | EA | 72" Backed Woven Bench (Landscapeforms Scarborough) | 3,229.20 | 68.79 |
| 32 33 43 13-0080 | EA | 72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough) | 3,502.33 | 68.79 |
| 32 33 43 13-0081 | EA | 96" Backed Woven Bench (Landscapeforms Scarborough) | 4,083.46 | 68.79 |
| 32 33 43 13-0082 | EA | 96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough) | 4,350.78 | 68.79 |
| 32 33 43 13-0083 | EA | 96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough) | 4,612.29 | 68.79 |
| 32 33 43 13-0084 | EA | 32" Backed Strap Or Perforated Bench (Landscapeforms Town Square) | 1,079.25 | 60.20 |
| 32 33 43 13-0085 | EA | 49" Backed Strap Or Perforated Bench (Landscapeforms Town Square) | 1,305.90 | 60.20 |
| 32 33 43 13-0086 | EA | 49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square) | 1,427.93 | 60.20 |
| 32 33 43 13-0087 | EA | 70" Backed Strap Or Perforated Bench (Landscapeforms Town Square) | 1,671.77 | 68.79 |
| 32 33 43 13-0088 | EA | 70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square) | 1,898.41 | 68.79 |

## 32 33 43 13-0089 Benches (Columbia Cascade, TimberForm) *(32 33 43 13)*

## 32 33 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*

Note: Includes powder coated steel frames.

| | | | | |
|---|---|---|---|---|
| 32 33 43 13-0091 | EA | 70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E) | 743.62 | 34.40 |
| 32 33 43 13-0092 | EA | 94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E) | 855.30 | 34.40 |
| 32 33 43 13-0093 | EA | 118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E) | 1,100.97 | 34.40 |
| 32 33 43 13-0094 | EA | 70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P) | 777.14 | 34.40 |
| 32 33 43 13-0095 | EA | 94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P) | 888.81 | 34.40 |
| 32 33 43 13-0096 | EA | 118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P) | 1,145.65 | 34.40 |
| 32 33 43 13-0097 | EA | 70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E) | 1,145.65 | 34.40 |
| 32 33 43 13-0098 | EA | 94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E) | 1,335.49 | 34.40 |
| 32 33 43 13-0099 | EA | 118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E) | 1,726.33 | 34.40 |
| 32 33 43 13-0100 | EA | 70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P) | 1,201.49 | 34.40 |
| 32 33 43 13-0101 | EA | 94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P) | 1,391.32 | 34.40 |
| 32 33 43 13-0102 | EA | 118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P) | 1,804.50 | 34.40 |
| 32 33 43 13-0103 | EA | 70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E) | 2,228.85 | 34.40 |
| 32 33 43 13-0104 | EA | 94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E) | 2,619.69 | 34.40 |
| 32 33 43 13-0105 | EA | 118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E) | 3,434.88 | 34.40 |
| 32 33 43 13-0106 | EA | 70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P) | 2,284.68 | 34.40 |
| 32 33 43 13-0107 | EA | 94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P) | 2,675.53 | 34.40 |
| 32 33 43 13-0108 | EA | 118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P) | 3,513.05 | 34.40 |
| 32 33 43 13-0109 | EA | 70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E) | 866.48 | 34.40 |
| 32 33 43 13-0110 | EA | 94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E) | 978.15 | 34.40 |
| 32 33 43 13-0111 | EA | 70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P) | 899.98 | 34.40 |
| 32 33 43 13-0112 | EA | 94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P) | 1,011.65 | 34.40 |
| 32 33 43 13-0113 | EA | 46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E) | 1,458.33 | 34.40 |
| 32 33 43 13-0114 | EA | 70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E) | 1,726.33 | 34.40 |
| 32 33 43 13-0115 | EA | 46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P) | 1,547.66 | 34.40 |
| 32 33 43 13-0116 | EA | 70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P) | 1,815.67 | 34.40 |
| 32 33 43 13-0117 | EA | 70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6) | 903.27 | 51.60 |
| 32 33 43 13-0118 | EA | 94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8) | 947.93 | 51.60 |
| 32 33 43 13-0119 | EA | 118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10) | 1,294.11 | 51.60 |
| 32 33 43 13-0120 | EA | 46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E) | 698.97 | 34.40 |
| 32 33 43 13-0121 | EA | 70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E) | 810.64 | 34.40 |
| 32 33 43 13-0122 | EA | 94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E) | 922.31 | 34.40 |
| 32 33 43 13-0123 | EA | 118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E) | 1,190.32 | 34.40 |
| 32 33 43 13-0124 | EA | 142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E) | 1,301.99 | 34.40 |
| 32 33 43 13-0125 | EA | 46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P) | 710.14 | 34.40 |
| 32 33 43 13-0126 | EA | 70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P) | 821.81 | 34.40 |
| 32 33 43 13-0127 | EA | 94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P) | 933.48 | 34.40 |
| 32 33 43 13-0128 | EA | 118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P) | 1,223.82 | 34.40 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 33 43 13-0129 | EA | 142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P) | 1,335.49 | 34.40 |
| 32 33 43 13-0130 | EA | 70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E) | 1,212.65 | 34.40 |
| 32 33 43 13-0131 | EA | 94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E) | 1,402.49 | 34.40 |
| 32 33 43 13-0132 | EA | 118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E) | 1,815.67 | 34.40 |
| 32 33 43 13-0133 | EA | 142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E) | 2,005.51 | 34.40 |
| 32 33 43 13-0134 | EA | 70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P) | 1,234.99 | 34.40 |
| 32 33 43 13-0135 | EA | 94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P) | 1,424.83 | 34.40 |
| 32 33 43 13-0136 | EA | 118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P) | 1,849.17 | 34.40 |
| 32 33 43 13-0137 | EA | 142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P) | 2,039.01 | 34.40 |
| 32 33 43 13-0138 | EA | 70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E) | 1,212.65 | 34.40 |
| 32 33 43 13-0139 | EA | 82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E) | 1,715.17 | 34.40 |
| 32 33 43 13-0140 | EA | 94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E) | 1,525.33 | 34.40 |
| 32 33 43 13-0141 | EA | 118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E) | 2,016.68 | 34.40 |
| 32 33 43 13-0142 | EA | 142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E) | 2,206.51 | 34.40 |
| 32 33 43 13-0143 | EA | 70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P) | 1,391.32 | 34.40 |
| 32 33 43 13-0144 | EA | 82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P) | 1,748.67 | 34.40 |
| 32 33 43 13-0145 | EA | 94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P) | 1,547.66 | 34.40 |
| 32 33 43 13-0146 | EA | 118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P) | 2,050.18 | 34.40 |
| 32 33 43 13-0147 | EA | 142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P) | 2,240.02 | 34.40 |
| 32 33 43 13-0148 | EA | 70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6) | 1,271.78 | 51.60 |
| 32 33 43 13-0149 | EA | 94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8) | 1,472.78 | 51.60 |
| 32 33 43 13-0150 | EA | 118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10) | 1,897.13 | 51.60 |
| 32 33 43 13-0151 | EA | 70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6) | 1,394.61 | 51.60 |
| 32 33 43 13-0152 | EA | 94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8) | 1,595.62 | 51.60 |
| 32 33 43 13-0153 | EA | 118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10) | 2,086.97 | 51.60 |
| 32 33 43 13-0154 | | Recycled Plastic Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)* | | |
| | | Note: Includes powder coated steel frames. | | |
| 32 33 43 13-0155 | EA | 70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E) | 1,022.81 | 34.40 |
| 32 33 43 13-0156 | EA | 94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E) | 1,402.49 | 34.40 |
| 32 33 43 13-0157 | EA | 70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P) | 1,056.32 | 34.40 |
| 32 33 43 13-0158 | EA | 94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P) | 1,435.99 | 34.40 |
| 32 33 43 13-0159 | EA | 46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E) | 1,614.66 | 34.40 |
| 32 33 43 13-0160 | EA | 70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E) | 1,893.84 | 34.40 |
| 32 33 43 13-0161 | EA | 46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P) | 1,704.00 | 34.40 |
| 32 33 43 13-0162 | EA | 70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P) | 1,983.18 | 34.40 |
| 32 33 43 13-0163 | EA | 70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6) | 1,014.94 | 51.60 |
| 32 33 43 13-0164 | EA | 94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8) | 1,227.11 | 51.60 |
| 32 33 43 13-0165 | EA | 118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10) | 1,450.45 | 51.60 |
| 32 33 43 13-0166 | EA | 70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E) | 832.96 | 34.40 |
| 32 33 43 13-0167 | EA | 94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E) | 1,123.31 | 34.40 |
| 32 33 43 13-0168 | EA | 118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E) | 1,346.65 | 34.40 |
| 32 33 43 13-0169 | EA | 70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P) | 866.48 | 34.40 |
| 32 33 43 13-0170 | EA | 94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P) | 1,156.82 | 34.40 |
| 32 33 43 13-0171 | EA | 118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P) | 1,391.32 | 34.40 |
| 32 33 43 13-0172 | EA | 70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E) | 1,335.49 | 34.40 |
| 32 33 43 13-0173 | EA | 94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E) | 1,804.50 | 34.40 |
| 32 33 43 13-0174 | EA | 118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E) | 2,195.35 | 34.40 |
| 32 33 43 13-0175 | EA | 70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P) | 1,391.32 | 34.40 |
| 32 33 43 13-0176 | EA | 94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P) | 1,882.67 | 34.40 |
| 32 33 43 13-0177 | EA | 118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P) | 2,273.52 | 34.40 |
| 32 33 43 13-0178 | EA | 70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E) | 2,619.69 | 34.40 |
| 32 33 43 13-0179 | EA | 94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E) | 3,613.56 | 34.40 |
| 32 33 43 13-0180 | EA | 118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E) | 4,004.40 | 34.40 |
| 32 33 43 13-0181 | EA | 70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P) | 2,675.53 | 34.40 |
| 32 33 43 13-0182 | EA | 94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P) | 3,691.72 | 34.40 |
| 32 33 43 13-0183 | EA | 118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P) | 4,082.57 | 34.40 |
| 32 33 43 13-0184 | EA | 70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E) | 1,637.00 | 34.40 |
| 32 33 43 13-0185 | EA | 82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E) | 2,284.68 | 34.40 |
| 32 33 43 13-0186 | EA | 94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E) | 2,184.18 | 34.40 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 33 43 13-0187 | EA | 118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E) | 2,508.02 | 34.40 |
| 32 33 43 13-0188 | EA | 142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E) | 3,379.05 | 34.40 |
| 32 33 43 13-0189 | EA | 70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P) | 1,659.33 | 34.40 |
| 32 33 43 13-0190 | EA | 82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P) | 2,318.18 | 34.40 |
| 32 33 43 13-0191 | EA | 94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P) | 2,217.68 | 34.40 |
| 32 33 43 13-0192 | EA | 118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P) | 2,541.52 | 34.40 |
| 32 33 43 13-0193 | EA | 142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P) | 3,434.88 | 34.40 |
| 32 33 43 13-0194 | EA | 70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6) | 1,550.95 | 51.60 |
| 32 33 43 13-0195 | EA | 94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8) | 2,098.13 | 51.60 |
| 32 33 43 13-0196 | EA | 118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10) | 2,600.65 | 51.60 |
| 32 33 43 13-0197 | EA | 70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6) | 1,740.79 | 51.60 |
| 32 33 43 13-0198 | EA | 94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8) | 2,332.64 | 51.60 |
| 32 33 43 13-0199 | EA | 118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10) | 2,567.15 | 51.60 |
| 32 33 43 13-0200 | EA | 46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E) | 743.64 | 34.40 |
| 32 33 43 13-0201 | EA | 70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E) | 978.15 | 34.40 |
| 32 33 43 13-0202 | EA | 94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E) | 1,324.32 | 34.40 |
| 32 33 43 13-0203 | EA | 118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E) | 1,558.83 | 34.40 |
| 32 33 43 13-0204 | EA | 142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E) | 1,815.67 | 34.40 |
| 32 33 43 13-0205 | EA | 46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P) | 765.97 | 34.40 |
| 32 33 43 13-0206 | EA | 70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P) | 1,000.48 | 34.40 |
| 32 33 43 13-0207 | EA | 94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P) | 1,357.82 | 34.40 |
| 32 33 43 13-0208 | EA | 118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P) | 1,592.33 | 34.40 |
| 32 33 43 13-0209 | EA | 142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P) | 1,860.34 | 34.40 |
| 32 33 43 13-0210 | EA | 70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E) | 1,458.33 | 34.40 |
| 32 33 43 13-0211 | EA | 94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E) | 2,005.51 | 34.40 |
| 32 33 43 13-0212 | EA | 118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E) | 2,474.52 | 34.40 |
| 32 33 43 13-0213 | EA | 142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E) | 2,787.20 | 34.40 |
| 32 33 43 13-0214 | EA | 70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P) | 1,480.66 | 34.40 |
| 32 33 43 13-0215 | EA | 94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P) | 2,039.01 | 34.40 |
| 32 33 43 13-0216 | EA | 118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P) | 2,508.02 | 34.40 |
| 32 33 43 13-0217 | EA | 142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P) | 2,831.87 | 34.40 |

## 32 33 43 53 Site Tables *(32 33 43)*

### 32 33 43 53-0001 Picnic Tables *(32 33 43 53)*

### 32 33 43 53-0002 Wooden Picnic Tables *(32 33 43 53-0001)*

| | | | | |
|---|---|---|---|---|
| 32 33 43 53-0003 | EA | 6' Permanent Rectangular Redwood Table | 1,874.45 | 51.60 |

### 32 33 43 53-0004 Portable Picnic Tables *(32 33 43 53-0001)*

| | | | | |
|---|---|---|---|---|
| 32 33 43 53-0005 | EA | 6' Wood Table With Aluminum Frame | 874.39 | 34.40 |
| 32 33 43 53-0006 | EA | 6' Aluminum Table And Frame | 1,263.72 | 34.40 |
| 32 33 43 53-0007 | EA | 8' Aluminum Table And Frame | 1,508.52 | 43.00 |
| 32 33 43 53-0008 | EA | 6' Steel Table And Frame | 1,104.09 | 34.40 |
| 32 33 43 53-0009 | EA | 8' Steel Table And Frame | 1,262.82 | 43.00 |

### 32 33 43 53-0010 Concrete Picnic Tables *(32 33 43 53-0001)*

| | | | | |
|---|---|---|---|---|
| 32 33 43 53-0011 | EA | 72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT) | 2,160.47 | 137.59 |
| 32 33 43 53-0012 | EA | 96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT)<br>Note: Standard sealer | 2,520.49 | |
| 32 33 43 53-0013 | EA | 102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA)<br>Note: Standard sealer | 2,528.69 | |
| 32 33 43 53-0014 | EA | 42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC)<br>Note: Includes table top, four benches and mounting hardware. | 2,665.76 | |

### 32 33 43 53-0015 Plastic Picnic Tables *(32 33 43 53-0001)*

Note: Manufactured from recycled plastic.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 33 43 53-0016 | | Pedestal Tables - 4' Square, 2 Seats *(32 33 43 53-0015)* | | |
| 32 33 43 53-0017 | EA | 3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats | 1,319.59 | 51.60 |
| 32 33 43 53-0018 | EA | 4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats | 1,448.80 | 51.60 |
| 32 33 43 53-0019 | | Pedestal Tables - 4' Square, 4 Seats *(32 33 43 53-0015)* | | |
| 32 33 43 53-0020 | EA | 3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats | 1,738.59 | 51.60 |
| 32 33 43 53-0021 | EA | 4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats | 1,912.10 | 51.60 |
| 32 33 43 53-0022 | | Recycled Plastic Tables *(32 33 43 53-0015)* | | |
| 32 33 43 53-0023 | EA | 6' Standard "Step-Over" Table, Recycled Plastic Lumber | 2,286.17 | 51.60 |
| 32 33 43 53-0024 | EA | 6' " Walk-Through" Table, Recycled Plastic Lumber | 1,899.22 | 51.60 |
| 32 33 43 53-0025 | EA | 7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends | 2,077.05 | 51.60 |
| 32 33 43 53-0026 | EA | 8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends | 1,940.48 | 51.60 |
| 32 33 43 53-0027 | EA | 8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends | 2,449.41 | 51.60 |
| 32 33 43 53-0028 | EA | 4' Youth Table, Recycled Plastic Lumber | 962.79 | 41.28 |
| **32 33 53** | | **Site Grills** *(32 33)* | | |
| 32 33 53 00-0001 | | Picnic Grills *(32 33 53)* | | |
| 32 33 53 00-0002 | EA | 20" Wide x 14" Deep x 8-1/2" High Adjustable Grill<br>Note: 11 gauge with galvanized steel post. | 363.49 | |
| 32 33 53 00-0003 | EA | 20" Wide x 14" Deep x 8-1/2" High Adjustable Grill<br>Note: 7 gauge with galvanized steel post. | 389.70 | |
| 32 35 | | Screening Devices *(32 30)* | | |
| **32 35 16** | | **Sound Barriers** *(32 35)* | | |
| 32 35 16 00-0001 | | Precast Concrete Roadway Sound Barriers And Support Including Caps For Columns *(32 35 16)*<br>Note: Installed on steel supports. Finish to be determined by owner (ribbed, patterned, stamped, exposed aggregate or smooth) | | |
| 32 35 16 00-0002 | | 4" Thick *(32 35 16 00-0001)* | | |
| 32 35 16 00-0003 | LF | 6' High x 4" Thick Precast Concrete Sound Walls | 164.30 | 21.84 |
| | | *For >3 To 9, Deduct* | *-9.02* | |
| | | *For >9, Deduct* | *-18.64* | |
| 32 35 16 00-0004 | LF | 7' High x 4" Thick Precast Concrete Sound Walls | 177.62 | 24.38 |
| | | *For >3 To 9, Deduct* | *-9.67* | |
| | | *For >9, Deduct* | *-19.98* | |
| 32 35 16 00-0005 | LF | 8' High x 4" Thick Precast Concrete Sound Walls | 193.37 | 26.41 |
| | | *For >3 To 9, Deduct* | *-10.52* | |
| | | *For >9, Deduct* | *-21.75* | |
| 32 35 16 00-0006 | LF | 9' High x 4" Thick Precast Concrete Sound Walls | 206.26 | 28.44 |
| | | *For >3 To 9, Deduct* | *-11.17* | |
| | | *For >9, Deduct* | *-23.08* | |
| 32 35 16 00-0007 | LF | 10' High x 4" Thick Precast Concrete Sound Walls | 218.16 | 30.47 |
| | | *For >3 To 9, Deduct* | *-11.81* | |
| | | *For >9, Deduct* | *-24.41* | |
| 32 35 16 00-0008 | LF | 11' High x 4" Thick Precast Concrete Sound Walls | 235.20 | 31.48 |
| | | *For >3 To 9, Deduct* | *-12.89* | |
| | | *For >9, Deduct* | *-26.63* | |
| 32 35 16 00-0009 | LF | 12' High x 4" Thick Precast Concrete Sound Walls | 251.81 | 33.01 |
| | | *For >3 To 9, Deduct* | *-13.96* | |
| | | *For >9, Deduct* | *-28.85* | |
| 32 35 16 00-0010 | | 6" Thick *(32 35 16 00-0001)* | | |
| 32 35 16 00-0011 | LF | 6' High x 6" Thick Precast Concrete Sound Walls | 196.12 | 25.39 |
| | | *For >3 To 9, Deduct* | *-10.83* | |
| | | *For >9, Deduct* | *-22.37* | |
| 32 35 16 00-0012 | LF | 7' High x 6" Thick Precast Concrete Sound Walls | 211.99 | 28.44 |
| | | *For >3 To 9, Deduct* | *-11.60* | |
| | | *For >9, Deduct* | *-23.97* | |
| 32 35 16 00-0013 | LF | 8' High x 6" Thick Precast Concrete Sound Walls | 230.80 | 31.48 |
| | | *For >3 To 9, Deduct* | *-12.63* | |
| | | *For >9, Deduct* | *-26.10* | |
| 32 35 16 00-0014 | LF | 9' High x 6" Thick Precast Concrete Sound Walls | 246.17 | 33.51 |
| | | *For >3 To 9, Deduct* | *-13.40* | |
| | | *For >9, Deduct* | *-27.70* | |
| 32 35 16 00-0015 | LF | 10' High x 6" Thick Precast Concrete Sound Walls | 260.36 | 35.55 |
| | | *For >3 To 9, Deduct* | *-14.18* | |
| | | *For >9, Deduct* | *-29.30* | |
| 32 35 16 00-0016 | LF | 11' High x 6" Thick Precast Concrete Sound Walls | 280.75 | 37.07 |
| | | *For >3 To 9, Deduct* | *-15.47* | |
| | | *For >9, Deduct* | *-31.96* | |
| 32 35 16 00-0017 | LF | 12' High x 6" Thick Precast Concrete Sound Walls | 300.62 | 38.60 |
| | | *For >3 To 9, Deduct* | *-16.75* | |
| | | *For >9, Deduct* | *-34.62* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 35 16 00-0018 | | 8" Thick *(32 35 16 00-0001)* | | |
| 32 35 16 00-0019 | LF | 6' High x 8" Thick Precast Concrete Sound Walls | 237.02 | 30.47 |
| | | *For >3 To 9, Deduct* | *-13.21* | |
| | | *For >9, Deduct* | *-27.30* | |
| 32 35 16 00-0020 | LF | 7' High x 8" Thick Precast Concrete Sound Walls | 256.13 | 33.51 |
| | | *For >3 To 9, Deduct* | *-14.15* | |
| | | *For >9, Deduct* | *-29.24* | |
| 32 35 16 00-0021 | LF | 8' High x 8" Thick Precast Concrete Sound Walls | 278.85 | 36.57 |
| | | *For >3 To 9, Deduct* | *-15.41* | |
| | | *For >9, Deduct* | *-31.84* | |
| 32 35 16 00-0022 | LF | 9' High x 8" Thick Precast Concrete Sound Walls | 297.39 | 39.61 |
| | | *For >3 To 9, Deduct* | *-16.35* | |
| | | *For >9, Deduct* | *-33.79* | |
| 32 35 16 00-0023 | LF | 10' High x 8" Thick Precast Concrete Sound Walls | 314.53 | 42.15 |
| | | *For >3 To 9, Deduct* | *-17.30* | |
| | | *For >9, Deduct* | *-35.74* | |
| 32 35 16 00-0024 | LF | 11' High x 8" Thick Precast Concrete Sound Walls | 339.26 | 43.67 |
| | | *For >3 To 9, Deduct* | *-18.87* | |
| | | *For >9, Deduct* | *-38.99* | |
| 32 35 16 00-0025 | LF | 12' High x 8" Thick Precast Concrete Sound Walls | 363.41 | 45.70 |
| | | *For >3 To 9, Deduct* | *-20.44* | |
| | | *For >9, Deduct* | *-42.24* | |
| 32 35 16 00-0026 | | Redwood Top *(32 35 16 00-0001)* | | |
| 32 35 16 00-0027 | LF | 2" x 6" Redwood, Construction Grade/Rough | 4.60 | 0.87 |
| | | *For >3 To 9, Deduct* | *-0.21* | |
| | | *For >9, Deduct* | *-0.44* | |
| 32 35 16 00-0028 | LF | 2" x 8" Redwood, Construction Grade/Rough | 5.18 | 1.13 |
| | | *For >3 To 9, Deduct* | *-0.21* | |
| | | *For >9, Deduct* | *-0.44* | |
| 32 35 16 00-0029 | LF | 2" x 10" Redwood, Construction Grade/Rough | 8.26 | 1.40 |
| | | *For >3 To 9, Deduct* | *-0.40* | |
| | | *For >9, Deduct* | *-0.82* | |
| 32 35 16 00-0030 | LF | 2" x 12" Redwood, Construction Grade/Rough | 9.98 | 1.75 |
| | | *For >3 To 9, Deduct* | *-0.48* | |
| | | *For >9, Deduct* | *-1.00* | |
| 32 35 16 00-0031 | LF | 2" x 6" Redwood, Con Heart/Smooth | 5.81 | 0.87 |
| | | *For >3 To 9, Deduct* | *-0.30* | |
| | | *For >9, Deduct* | *-0.63* | |
| 32 35 16 00-0032 | LF | 2" x 8" Redwood, Con Heart/Smooth | 8.48 | 1.13 |
| | | *For >3 To 9, Deduct* | *-0.46* | |
| | | *For >9, Deduct* | *-0.95* | |
| 32 35 16 00-0033 | LF | 2" x 10" Redwood, Con Heart/Smooth | 11.33 | 1.40 |
| | | *For >3 To 9, Deduct* | *-0.63* | |
| | | *For >9, Deduct* | *-1.30* | |
| 32 35 16 00-0034 | LF | 2" x 12" Redwood, Con Heart/Smooth | 13.62 | 1.75 |
| | | *For >3 To 9, Deduct* | *-0.76* | |
| | | *For >9, Deduct* | *-1.56* | |

## 32 39 Manufactured Site Specialties *(32 30)*

Note: Excludes coredrilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0025 for concrete core drilling, 02 41 19 13-0163 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

### 32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001 Metal Pipe Bollards *(32 39 13)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

| | | | | |
|---|---|---|---|---|
| 32 39 13 00-0002 | | Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)* | | |
| 32 39 13 00-0003 | LF | 4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated | 53.05 | 10.15 |
| | | *For Galvanized Steel, Add* | *5.57* | |
| | | *For 304 Stainless Steel, Add* | *44.20* | |
| | | *For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add* | *105.24* | |
| | | *For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add* | *75.55* | |
| | | *For Schedule 80, Add* | *6.94* | |
| | | *For Concrete Fill, Add Per LF Of Pipe Bollard* | *8.08* | |
| 32 39 13 00-0004 | LF | 6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated | 71.96 | 10.15 |
| | | *For Galvanized Steel, Add* | *8.78* | |
| | | *For 304 Stainless Steel, Add* | *69.73* | |
| | | *For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add* | *105.24* | |
| | | *For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add* | *75.55* | |
| | | *For Schedule 80, Add* | *9.78* | |
| | | *For Concrete Fill, Add Per LF Of Pipe Bollard* | *11.46* | |
| 32 39 13 00-0005 | LF | 8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated | 101.97 | 12.70 |
| | | *For Galvanized Steel, Add* | *13.02* | |
| | | *For 304 Stainless Steel, Add* | *103.41* | |
| | | *For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add* | *139.48* | |
| | | *For Each Sleeve For Removable, Lockable Bollard, Add* | *115.17* | |
| | | *For Schedule 80, Add* | *14.03* | |
| | | *For Concrete Fill, Add Per LF Of Pipe Bollard* | *15.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 39 13 00-0006 | LF | 10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated | 135.26 | 15.23 |
| | | *For Galvanized Steel, Add* | *17.82* | |
| | | *For 304 Stainless Steel, Add* | *141.49* | |
| | | *For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add* | *159.80* | |
| | | *For Each Sleeve For Removable, Lockable Bollard, Add* | *124.58* | |
| | | *For Schedule 80, Add* | *18.77* | |
| | | *For Concrete Fill, Add Per LF Of Pipe Bollard* | *18.74* | |
| 32 39 13 00-0007 | LF | 12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated | 170.66 | 20.31 |
| | | *For Galvanized Steel, Add* | *22.11* | |
| | | *For 304 Stainless Steel, Add* | *175.58* | |
| | | *For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add* | *208.61* | |
| | | *For Each Sleeve For Removable, Lockable Bollard, Add* | *172.10* | |
| | | *For Schedule 80, Add* | *23.57* | |
| | | *For Concrete Fill, Add Per LF Of Pipe Bollard* | *21.91* | |

## 32 39 23 Manufactured Concrete Bollards *(32 39)*

### 32 39 23 00-0001 Concrete Bollards *(32 39 23)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.

### 32 39 23 00-0002 Concrete Bollard, Exposed Aggregate *(32 39 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 39 23 00-0003 | EA | 12" x 12" x 30" High Concrete Bollard, Light Sandblast<br>Note: Surface mounted with anchor bolts embedded into grout pockets. | 542.14 | 81.20 |
| 32 39 23 00-0004 | EA | 12" Diameter x 30" High Concrete Bollard, Light Sandblast<br>Note: Surface mounted with anchor bolts embedded into grout pockets. | 542.14 | 81.20 |

## 32 39 25 Manufactured Wood Bollards *(32 39)*

### 32 39 25 00-0001 Wood Bollards *(32 39 25)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.

### 32 39 25 00-0002 Wood Bollard, Pressure Treated Timber *(32 39 25 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 39 25 00-0003 | LF | 4" x 4", Pressure Treated Wood Bollard | 22.54 | 8.12 |
| | | *For Each Sleeve For Removable, Lockable Bollard, Add* | *77.12* | |
| 32 39 25 00-0004 | LF | 6" x 6", Pressure Treated Wood Bollard | 29.18 | 8.12 |
| | | *For Each Sleeve For Removable, Lockable Bollard, Add* | *77.12* | |
| 32 39 25 00-0005 | LF | 8" x 8", Pressure Treated Wood Bollard | 41.29 | 9.14 |
| | | *For Each Sleeve For Removable, Lockable Bollard, Add* | *119.06* | |
| 32 39 25 00-0006 | LF | 10" x 10", Pressure Treated Wood Bollard | 60.25 | 12.18 |
| | | *For Each Sleeve For Removable, Lockable Bollard, Add* | *130.33* | |
| 32 39 25 00-0007 | LF | 12" x 12", Pressure Treated Wood Bollard | 84.15 | 16.24 |
| | | *For Each Sleeve For Removable, Lockable Bollard, Add* | *186.05* | |

## 32 39 27 Manufactured Plastic Bollards *(32 39)*

### 32 39 27 00-0001 Plastic Bollards *(32 39 27)*

See CSI section 32 31 13 13-0001 for augering and filling holes for bollards., 32 31 13 13-0018 for concrete fill.

### 32 39 27 00-0002 Recycled Plastic Bollards *(32 39 27 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 39 27 00-0003 | EA | 6" x 6" x 33" Surface Mounted Recycled Plastic Bollard<br>Note: Includes anchor bolts. | 296.12 | 40.60 |
| 32 39 27 00-0004 | EA | 6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard | 487.46 | 40.60 |

### 32 39 27 00-0005 Plastic Bollard Covers *(32 39 27 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 39 27 00-0006 | EA | 4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe | 74.76 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0007 | EA | 6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe | 80.70 | 9.84 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0008 | EA | 3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe | 103.20 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0009 | EA | 3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe | 103.20 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0010 | EA | 3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe | 116.47 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0011 | EA | 4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe | 103.20 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0012 | EA | 4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe | 105.10 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0013 | EA | 5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe | 103.20 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0014 | EA | 5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe | 105.10 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0015 | EA | 5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe | 148.70 | 8.95 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0016 | EA | 6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe | 104.99 | 9.84 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0017 | EA | 6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe | 135.33 | 9.84 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0018 | EA | 6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe | 154.65 | 9.84 |
| | | *For Reflective Tape, Add* | *9.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 39 27 00-0019 | EA | 7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe | 129.52 | 10.74 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0020 | EA | 8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe | 140.90 | 10.74 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0021 | EA | 8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe | 140.90 | 10.74 |
| | | *For Reflective Tape, Add* | *9.03* | |
| 32 39 27 00-0022 | EA | 10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe | 192.11 | 10.74 |
| | | *For Reflective Tape, Add* | *9.03* | |

### 32 39 29 Manufactured Stone Bollards *(32 39)*

#### 32 39 29 00-0001 Stone Bollards *(32 39 29)*

See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.

#### 32 39 29 00-0002 Granite Bollards *(32 39 29 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 39 29 00-0003 | EA | 16" x 16" x 30" Granite Bollard, Smooth Matt Finish<br>Note: Surface mounted with anchors embedded into grout pockets. | 1,160.07 | 101.51 |
| 32 39 29 00-0004 | EA | 16" x 16" x 54" Granite Bollard, Smooth Matt Finish<br>Note: Surface mounted with anchors embedded into grout pockets. | 1,467.49 | 142.11 |
| 32 39 29 00-0005 | EA | 12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top<br>Note: Surface mounted with anchors embedded into grout pockets. | 714.60 | 101.51 |
| 32 39 29 00-0006 | EA | 12" Diameter x 18" Granite Bollard, Smooth Matt Finish<br>Note: Flat Top, surface mounted with anchors embedded into grout pockets. | 1,067.26 | 81.20 |
| 32 39 29 00-0007 | EA | 24" x 24" x 20" Granite Bollard, Octagonal Cross Section<br>Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets. | 1,598.00 | 81.20 |

## 32 80 Irrigation *(32)*

## 32 84 Planting Irrigation *(32 80)*

### 32 84 13 Drip Irrigation *(32 84)*

#### 32 84 13 00-0001 Drip Emitter Irrigation Devices *(32 84 13)*

#### 32 84 13 00-0002 Drip Emitter Irrigation Valves *(32 84 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 84 13 00-0003 | EA | 1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050) | 47.59 | 11.61 |
| 32 84 13 00-0004 | EA | 1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100) | 73.10 | 11.61 |
| 32 84 13 00-0005 | EA | 3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075) | 71.32 | 11.61 |
| 32 84 13 00-0006 | EA | 3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS) | 95.29 | 11.61 |

#### 32 84 13 00-0007 Drip Emitter Irrigation Filters *(32 84 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 84 13 00-0008 | EA | 3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075) | 145.95 | 11.61 |
| 32 84 13 00-0009 | EA | 1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100) | 147.27 | 11.61 |
| 32 84 13 00-0010 | EA | 3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX) | 58.73 | 11.61 |
| 32 84 13 00-0011 | EA | 1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX) | 59.79 | 11.61 |
| 32 84 13 00-0012 | EA | 1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100) | 158.23 | 11.61 |
| 32 84 13 00-0013 | EA | 3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY) | 74.60 | 11.61 |
| 32 84 13 00-0014 | EA | 1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY) | 82.86 | 11.61 |

#### 32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators *(32 84 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 84 13 00-0016 | EA | 3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075) | 57.66 | 11.61 |
| 32 84 13 00-0017 | EA | 3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075) | 57.66 | 11.61 |
| 32 84 13 00-0018 | EA | 3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075) | 57.66 | 11.61 |
| 32 84 13 00-0019 | EA | 1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100) | 66.35 | 11.61 |

#### 32 84 13 00-0020 Drip Emitter Irrigation Tubing *(32 84 13 00-0001)*

Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.

| | | | | |
|---|---|---|---|---|
| 32 84 13 00-0021 | LF | 1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100) | 4.26 | 1.62 |
| 32 84 13 00-0022 | LF | 1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100) | 4.02 | 1.86 |
| 32 84 13 00-0023 | LF | 1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100) | 3.42 | 1.62 |
| | | *For Shallow Trenching And Backfill By Hand, Add* | *6.66* | |
| 32 84 13 00-0024 | LF | 1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100) | 4.02 | 1.86 |
| | | *For Shallow Trenching And Backfill By Hand, Add* | *7.22* | |

#### 32 84 13 00-0025 Drip Emitter Irrigation Fittings *(32 84 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 84 13 00-0026 | EA | 1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN) | 3.06 | |
| 32 84 13 00-0027 | EA | 1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL) | 3.09 | |
| 32 84 13 00-0028 | EA | 1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE) | 3.14 | |
| 32 84 13 00-0029 | EA | 1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025) | 3.29 | |
| 32 84 13 00-0030 | EA | 1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX) | 3.04 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 13 00-0031 | EA | 17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP) | 3.22 | |
| | | *For Compression Fitting, Add* | *0.32* | |
| 32 84 13 00-0032 | EA | 17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW) | 3.31 | |
| | | *For Compression Fitting, Add* | *0.41* | |
| 32 84 13 00-0033 | EA | 17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE) | 3.35 | |
| | | *For Compression Fitting, Add* | *0.45* | |
| 32 84 13 00-0034 | EA | 17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050) | 3.37 | |
| | | *For Compression Fitting, Add* | *0.47* | |
| 32 84 13 00-0035 | EA | 17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS) | 3.56 | |
| | | *For Compression Fitting, Add* | *0.66* | |
| 32 84 13 00-0036 | EA | 1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP) | 3.78 | |
| 32 84 13 00-0037 | EA | 12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND) | 1.87 | |
| 32 84 13 00-0038 | | **Drip Emitters** *(32 84 13 00-0001)* | | |
| 32 84 13 00-0039 | EA | 0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC) | 6.29 | |
| 32 84 13 00-0040 | EA | 5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24) | 7.14 | |
| 32 84 13 00-0041 | EA | 0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056) | 14.67 | |
| 32 84 13 00-0042 | | **Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters** *(32 84 13 00-0001)* | | |
| 32 84 13 00-0043 | EA | Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK) | 24.53 | 10.45 |
| 32 84 13 00-0044 | EA | Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK) | 24.57 | 10.45 |
| 32 84 13 00-0045 | EA | 12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL) | 26.90 | 10.45 |
| 32 84 13 00-0046 | EA | 24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL) | 27.15 | 10.45 |
| 32 84 13 00-0047 | EA | 4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) Note: Includes nozzle. | 39.12 | 13.70 |
| 32 84 13 00-0048 | EA | 6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) Note: Includes nozzle. | 42.13 | 13.70 |
| 32 84 13 00-0049 | EA | 12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) Note: Includes nozzle. | 42.24 | 13.70 |
| 32 84 13 00-0050 | | **Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS)** *(32 84 13 00-0001)* Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench. | | |
| 32 84 13 00-0051 | LF | 0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield) | 4.60 | 2.03 |
| **32 84 23** | | **Underground Sprinklers** *(32 84)* | | |
| 32 84 23 00-0001 | | **Sprinkler Heads** *(32 84 23)* | | |
| 32 84 23 00-0002 | | **Spray Sprinkler Heads** *(32 84 23 00-0001)* Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage. | | |
| 32 84 23 00-0003 | EA | 2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P) | 34.59 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0004 | EA | 4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P) | 32.89 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0005 | EA | 6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P) | 39.20 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0006 | EA | 12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P) | 44.49 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0007 | EA | 4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM) | 35.26 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0008 | EA | 6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM) | 44.15 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0009 | EA | 12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM) | 48.43 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0010 | EA | 4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS) | 37.80 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0011 | EA | 6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS) | 45.90 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0012 | EA | 12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS) | 49.89 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0013 | EA | 4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS) | 38.81 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0014 | EA | 6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS) | 51.24 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0015 | EA | 12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS) | 55.18 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0016 | EA | Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300) | 29.57 | 12.83 |
| | | *For Rotary Nozzle, Add* | *3.25* | |
| 32 84 23 00-0017 | EA | Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400) | 33.52 | 12.83 |
| 32 84 23 00-0018 | | **Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0001)* Note: Maximum spacing is equivalent to maximum radius. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 23 00-0019 | | 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)* | | |
| | | Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage. | | |
| 32 84 23 00-0020 | EA | 4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC) | 47.08 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| 32 84 23 00-0021 | EA | 4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM) | 48.49 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| 32 84 23 00-0022 | | 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)* | | |
| | | Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage. | | |
| 32 84 23 00-0023 | EA | 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC) | 43.70 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0024 | EA | 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC) | 58.90 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0025 | EA | 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS) | 46.52 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0026 | EA | 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS) | 61.15 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0027 | EA | 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR) | 47.64 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0028 | EA | 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR) | 49.89 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0029 | EA | 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR) | 64.52 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0030 | EA | 12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR) | 73.53 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0031 | EA | Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS) | 49.61 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| 32 84 23 00-0032 | EA | Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR) | 58.62 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| 32 84 23 00-0033 | | 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)* | | |
| | | Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage. | | |
| 32 84 23 00-0034 | EA | 4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC) | 80.00 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| | | *For Stainless Steel Riser And High Speed Rotor, Add* | *41.42* | |
| 32 84 23 00-0035 | | 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)* | | |
| | | Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage. | | |
| 32 84 23 00-0036 | EA | 5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005) | 112.64 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| | | *For Stainless Steel Riser, Add* | *9.00* | |
| 32 84 23 00-0037 | | Impact-Drive Sprinkler Heads *(32 84 23 00-0001)* | | |
| | | Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius. | | |
| 32 84 23 00-0038 | EA | 1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08) | 64.24 | 12.83 |
| | | *For Non-Potable Cover, Add* | *2.00* | |
| 32 84 23 00-0039 | EA | 1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08) | 50.74 | 12.83 |
| 32 84 23 00-0040 | EA | 3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB) | 95.73 | 12.83 |
| 32 84 23 00-0041 | | Electric Remote Control Irrigation Valves *(32 84 23)* | | |
| 32 84 23 00-0042 | | 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) *(32 84 23 00-0041)* | | |
| | | Note: 15 to 150 PSI. | | |
| 32 84 23 00-0043 | EA | 3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV) | 145.82 | 53.46 |
| 32 84 23 00-0044 | EA | 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV) | 145.82 | 53.46 |
| 32 84 23 00-0045 | EA | 1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA) | 146.95 | 53.46 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 23 00-0046 | | 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) *(32 84 23 00-0041)* | | |
| | | Note: 15 to 150 PSI. | | |
| 32 84 23 00-0047 | EA | 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF) | 146.95 | 53.46 |
| 32 84 23 00-0048 | | 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) *(32 84 23 00-0041)* | | |
| | | Note: 20 to 200 PSI. | | |
| 32 84 23 00-0049 | EA | 1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB) | 236.98 | 53.46 |
| 32 84 23 00-0050 | EA | 1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB) | 276.37 | 53.46 |
| 32 84 23 00-0051 | EA | 2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB) | 327.01 | 53.46 |
| 32 84 23 00-0052 | | 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) *(32 84 23 00-0041)* | | |
| | | Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation. | | |
| 32 84 23 00-0053 | EA | 1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D) | 336.23 | 60.09 |
| 32 84 23 00-0054 | EA | 1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D) | 375.62 | 60.09 |
| 32 84 23 00-0055 | EA | 2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D) | 426.27 | 60.09 |
| 32 84 23 00-0056 | | 20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) *(32 84 23 00-0041)* | | |
| | | Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation. | | |
| 32 84 23 00-0057 | EA | 1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D) | 392.50 | 60.09 |
| 32 84 23 00-0058 | EA | 1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D) | 431.89 | 60.09 |
| 32 84 23 00-0059 | EA | 2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D) | 482.54 | 60.09 |
| 32 84 23 00-0060 | | 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) *(32 84 23 00-0041)* | | |
| | | Note: 20 to 200 PSI operating range pressure. | | |
| 32 84 23 00-0061 | EA | 1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B) | 349.01 | 53.46 |
| 32 84 23 00-0062 | EA | 1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B) | 530.10 | 53.46 |
| 32 84 23 00-0063 | EA | 2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B) | 546.47 | 53.46 |
| 32 84 23 00-0064 | EA | 3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B) | 1,275.57 | 72.18 |
| 32 84 23 00-0065 | | 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) *(32 84 23 00-0041)* | | |
| | | Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation. | | |
| 32 84 23 00-0066 | EA | 1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP) | 324.02 | 60.09 |
| 32 84 23 00-0067 | EA | 1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP) | 377.87 | 60.09 |
| 32 84 23 00-0068 | EA | 1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP) | 436.34 | 60.09 |
| 32 84 23 00-0069 | EA | 2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP) | 513.32 | 60.09 |
| 32 84 23 00-0070 | | 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) *(32 84 23 00-0041)* | | |
| | | Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation. | | |
| 32 84 23 00-0071 | EA | 1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS) | 425.24 | 60.09 |
| 32 84 23 00-0072 | EA | 1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS) | 640.09 | 60.09 |
| 32 84 23 00-0073 | EA | 2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS) | 658.51 | 60.09 |
| 32 84 23 00-0074 | EA | 3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS) | 1,360.36 | 60.09 |
| 32 84 23 00-0075 | | 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) *(32 84 23 00-0041)* | | |
| | | Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation. | | |
| 32 84 23 00-0076 | EA | 1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ) | 430.86 | 53.46 |
| 32 84 23 00-0077 | EA | 1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ) | 611.94 | 53.46 |
| 32 84 23 00-0078 | EA | 2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ) | 628.31 | 53.46 |
| 32 84 23 00-0079 | EA | 3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ) | 1,357.42 | 72.18 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 23 00-0080 | | 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) *(32 84 23 00-0041)* | | |
| | | Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation. | | |
| 32 84 23 00-0081 | EA | 1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D) | 408.43 | 60.09 |
| 32 84 23 00-0082 | EA | 1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D) | 462.28 | 60.09 |
| 32 84 23 00-0083 | EA | 1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D) | 520.74 | 60.09 |
| 32 84 23 00-0084 | EA | 2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D) | 597.72 | 60.09 |
| 32 84 23 00-0085 | | 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) *(32 84 23 00-0041)* | | |
| | | Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation. | | |
| 32 84 23 00-0086 | EA | 1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ) | 507.09 | 60.09 |
| 32 84 23 00-0087 | EA | 1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ) | 721.94 | 60.09 |
| 32 84 23 00-0088 | EA | 2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ) | 740.36 | 60.09 |
| 32 84 23 00-0089 | EA | 3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ) | 1,442.20 | 60.09 |
| 32 84 23 00-0090 | | Irrigation Valve Boxes *(32 84 23)* | | |
| | | Note: Includes lid. | | |
| 32 84 23 00-0091 | EA | 6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND) | 89.94 | 38.49 |
| 32 84 23 00-0092 | EA | 7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND) | 103.23 | 38.49 |
| 32 84 23 00-0093 | EA | 10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND) | 135.45 | 50.68 |
| 32 84 23 00-0094 | EA | 21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD) | 229.44 | 73.99 |
| 32 84 23 00-0095 | EA | 21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH) | 233.94 | 73.99 |
| 32 84 23 00-0096 | EA | 26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB) | 266.21 | 73.99 |
| 32 84 23 00-0097 | EA | 26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH) | 270.05 | 73.99 |
| 32 84 23 00-0098 | EA | 33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH) | 454.47 | 73.99 |
| 32 84 23 00-0099 | EA | 40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH) | 693.33 | 73.99 |
| 32 84 23 00-0100 | | Irrigation Controllers *(32 84 23)* | | |
| | | See CSI section 27 15 13 00-0531 for low voltage wiring. | | |
| 32 84 23 00-0101 | | Irrigation Controllers *(32 84 23 00-0100)* | | |
| 32 84 23 00-0102 | | Irrigation Controllers (Rain Bird®) *(32 84 23 00-0101)* | | |
| 32 84 23 00-0103 | | Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) *(32 84 23 00-0102)* | | |
| 32 84 23 00-0104 | | Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0103)* | | |
| 32 84 23 00-0105 | | Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) *(32 84 23 00-0104)* | | |
| 32 84 23 00-0106 | EA | 4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series) | 332.83 | 27.52 |
| 32 84 23 00-0107 | EA | 7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series) | 464.36 | 27.52 |
| 32 84 23 00-0108 | EA | 10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series) | 595.90 | 27.52 |
| 32 84 23 00-0109 | EA | 13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series) | 727.43 | 27.52 |
| 32 84 23 00-0110 | EA | 16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series) | 831.44 | 27.52 |
| 32 84 23 00-0111 | EA | 19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series) | 966.42 | 27.52 |
| 32 84 23 00-0112 | EA | 22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series) | 1,101.40 | 27.52 |
| 32 84 23 00-0113 | | Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0104)* | | |
| 32 84 23 00-0114 | EA | 4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series) | 394.39 | 27.52 |
| 32 84 23 00-0115 | EA | 7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series) | 525.92 | 27.52 |
| 32 84 23 00-0116 | EA | 10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series) | 657.46 | 27.52 |
| 32 84 23 00-0117 | EA | 13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series) | 788.99 | 27.52 |
| 32 84 23 00-0118 | EA | 16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series) | 893.00 | 27.52 |
| 32 84 23 00-0119 | EA | 19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series) | 1,027.98 | 27.52 |
| 32 84 23 00-0120 | EA | 22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series) | 1,162.96 | 27.52 |
| 32 84 23 00-0121 | | Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0103)* | | |
| 32 84 23 00-0122 | | Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) *(32 84 23 00-0121)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 23 00-0123 | EA | 4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series) | 546.67 | 27.52 |
| 32 84 23 00-0124 | EA | 7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series) | 678.20 | 27.52 |
| 32 84 23 00-0125 | EA | 10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series) | 809.74 | 27.52 |
| 32 84 23 00-0126 | EA | 13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series) | 941.27 | 27.52 |
| 32 84 23 00-0127 | EA | 16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series) | 1,045.29 | 27.52 |
| 32 84 23 00-0128 | EA | 19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series) | 1,180.26 | 27.52 |
| 32 84 23 00-0129 | EA | 22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series) | 1,315.24 | 27.52 |
| 32 84 23 00-0130 | | Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0121)* | | |
| 32 84 23 00-0131 | EA | 4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) | 592.80 | 27.52 |
| 32 84 23 00-0132 | EA | 7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) | 724.33 | 27.52 |
| 32 84 23 00-0133 | EA | 10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) | 855.87 | 27.52 |
| 32 84 23 00-0134 | EA | 13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) | 987.39 | 27.52 |
| 32 84 23 00-0135 | EA | 16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) | 1,091.41 | 27.52 |
| 32 84 23 00-0136 | EA | 19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) | 1,226.39 | 27.52 |
| 32 84 23 00-0137 | EA | 22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) | 1,361.37 | 27.52 |
| 32 84 23 00-0138 | | Accessories For ESP-ME/MEI Irrigation Controllers *(32 84 23 00-0103)* | | |
| 32 84 23 00-0139 | EA | 3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3)<br>Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations. | 134.98 | |
| 32 84 23 00-0140 | EA | 6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6)<br>Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations. | 257.11 | |
| 32 84 23 00-0141 | EA | Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG) | 385.62 | |
| 32 84 23 00-0142 | | Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) *(32 84 23 00-0102)* | | |
| 32 84 23 00-0143 | | Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) *(32 84 23 00-0142)* | | |
| 32 84 23 00-0144 | EA | 12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 800.57 | 27.52 |
| 32 84 23 00-0145 | EA | 16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 966.99 | 27.52 |
| 32 84 23 00-0146 | EA | 20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 1,136.39 | 27.52 |
| 32 84 23 00-0147 | EA | 24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 1,302.79 | 27.52 |
| 32 84 23 00-0148 | EA | 28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 1,472.20 | 27.52 |
| 32 84 23 00-0149 | EA | 32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 1,638.61 | 27.52 |
| 32 84 23 00-0150 | EA | 36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 1,808.00 | 27.52 |
| 32 84 23 00-0151 | EA | 40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 1,974.42 | 27.52 |
| 32 84 23 00-0152 | EA | 44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 2,143.82 | 27.52 |
| 32 84 23 00-0153 | EA | 48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series) | 2,310.22 | 27.52 |
| 32 84 23 00-0154 | | Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) *(32 84 23 00-0142)* | | |
| 32 84 23 00-0155 | EA | 8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 813.30 | 27.52 |
| 32 84 23 00-0156 | EA | 12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 979.71 | 27.52 |
| 32 84 23 00-0157 | EA | 16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 1,149.11 | 27.52 |
| 32 84 23 00-0158 | EA | 20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 1,315.52 | 27.52 |
| 32 84 23 00-0159 | EA | 24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 1,484.91 | 27.52 |
| 32 84 23 00-0160 | EA | 28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 1,651.33 | 27.52 |
| 32 84 23 00-0161 | EA | 32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 1,820.73 | 27.52 |
| 32 84 23 00-0162 | EA | 36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 1,987.14 | 27.52 |
| 32 84 23 00-0163 | EA | 40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 2,156.54 | 27.52 |
| 32 84 23 00-0164 | EA | 44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 2,322.95 | 27.52 |
| 32 84 23 00-0165 | EA | 48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) | 2,492.34 | 27.52 |
| 32 84 23 00-0166 | | Accessories For ESP-LX/LXME Irrigation Controllers *(32 84 23 00-0142)* | | |
| 32 84 23 00-0167 | EA | Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM) | 613.66 | |
| 32 84 23 00-0168 | EA | Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM)<br>Note: Excludes concrete foundation. | 1,428.85 | |
| 32 84 23 00-0169 | EA | Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS) | 1,367.51 | |
| 32 84 23 00-0170 | EA | Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS)<br>Note: Excludes concrete foundation. | 3,041.06 | |
| 32 84 23 00-0171 | EA | 4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4)<br>Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations. | 166.41 | |
| 32 84 23 00-0172 | EA | 8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8)<br>Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations. | 335.82 | |
| 32 84 23 00-0173 | EA | 12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12)<br>Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations. | 522.75 | |
| 32 84 23 00-0174 | EA | Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME) | 196.85 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 23 00-0175 | | Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0102)* | | |
| 32 84 23 00-0176 | | Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0175)* | | |
| 32 84 23 00-0177 | EA | 1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series) | 396.04 | 27.52 |
| 32 84 23 00-0178 | EA | 2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series) | 475.80 | 27.52 |
| 32 84 23 00-0179 | EA | 4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series) | 584.58 | 27.52 |
| 32 84 23 00-0180 | | Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0175)* | | |
| 32 84 23 00-0181 | EA | Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS) | 522.47 | |
| 32 84 23 00-0182 | EA | Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL) | 97.10 | 20.63 |
| 32 84 23 00-0183 | | Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0102)* | | |
| 32 84 23 00-0184 | EA | Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX) | 131.82 | 20.63 |
| 32 84 23 00-0185 | EA | Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC) | 276.42 | 20.63 |
| 32 84 23 00-0186 | EA | Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC) | 294.33 | 20.63 |
| 32 84 23 00-0187 | EA | Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y) | 449.58 | 20.63 |
| 32 84 23 00-0188 | | Two-Wire Decoder Systems *(32 84 23 00-0100)* | | |
| 32 84 23 00-0189 | | Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0188)* | | |
| 32 84 23 00-0190 | | Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) *(32 84 23 00-0189)* Note: Includes water resistant cabinet. | | |
| 32 84 23 00-0191 | EA | 50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) | 2,378.71 | 27.52 |
| 32 84 23 00-0192 | EA | 125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) | 3,323.05 | 27.52 |
| 32 84 23 00-0193 | EA | 200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) | 4,267.38 | 27.52 |
| 32 84 23 00-0194 | | Field Decoders For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0189)* | | |
| 32 84 23 00-0195 | EA | One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF) | 286.98 | 27.52 |
| 32 84 23 00-0196 | EA | One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF) | 366.44 | 27.52 |
| 32 84 23 00-0197 | EA | Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF) | 551.27 | 27.52 |
| 32 84 23 00-0198 | EA | Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF) | 677.82 | 27.52 |
| 32 84 23 00-0199 | EA | Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF) | 1,131.95 | 27.52 |
| 32 84 23 00-0200 | | Accessories For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0189)* | | |
| 32 84 23 00-0201 | EA | 50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD) | 1,755.25 | |
| 32 84 23 00-0202 | EA | 75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75) | 944.33 | |
| 32 84 23 00-0203 | EA | Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF) | 216.26 | 24.08 |
| 32 84 23 00-0204 | EA | Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF) | 1,016.71 | 27.52 |
| 32 84 23 00-0205 | | Calsense Controllers *(32 84 23 00-0100)* | | |
| 32 84 23 00-0206 | | Irrigation Controllers *(32 84 23 00-0205)* | | |
| 32 84 23 00-0207 | EA | 6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6) | 2,420.41 | 68.79 |
| 32 84 23 00-0208 | EA | 8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8) | 3,127.76 | 77.39 |
| 32 84 23 00-0209 | EA | 12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12) | 4,302.29 | 85.99 |
| 32 84 23 00-0210 | EA | 16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16) | 4,737.62 | 85.99 |
| 32 84 23 00-0211 | EA | 24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24) | 5,604.23 | 94.59 |
| 32 84 23 00-0212 | EA | 32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32) | 6,772.18 | 94.59 |
| 32 84 23 00-0213 | EA | 40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40) | 7,670.66 | 103.19 |
| 32 84 23 00-0214 | EA | 48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48) | 8,594.40 | 103.19 |
| 32 84 23 00-0215 | EA | Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE) | 2,481.91 | 34.40 |
| 32 84 23 00-0216 | EA | Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE) | 1,034.04 | 34.40 |
| 32 84 23 00-0217 | | Irrigation Controller Accessories *(32 84 23 00-0205)* | | |
| 32 84 23 00-0218 | EA | Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1) | 101.93 | |
| 32 84 23 00-0219 | EA | Spare Lock For Enclosures (Calsense PAD) | 110.42 | |
| 32 84 23 00-0220 | EA | Hardware And Software For Up To 4 Additional Light Circuits (Calsense L) | 127.62 | 8.60 |
| 32 84 23 00-0221 | EA | Transformer For Irrigation Controllers (Calsense TR-1) | 174.97 | 34.40 |
| 32 84 23 00-0222 | EA | AC Line Protection For Irrigation Controllers (Calsense TP-110) | 504.12 | 34.40 |
| 32 84 23 00-0223 | EA | Transient Protection Board For Irrigation Controller Stations (Calsense TP-1) | 674.00 | 34.40 |
| | | *For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add* | *337.98* | |
| 32 84 23 00-0224 | | Sensors For Irrigation Controllers *(32 84 23 00-0205)* | | |
| 32 84 23 00-0225 | | Flow Sensors *(32 84 23 00-0224)* | | |
| 32 84 23 00-0226 | EA | 1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5) | 1,186.20 | 51.60 |
| | | *For Flow Meter Replacement Insert Only, Deduct* | *-822.40* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 23 00-0227 | EA | 2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2) | 1,228.67 | 51.60 |
| | | *For Flow Meter Replacement Insert Only, Deduct* | *-864.87* | |
| 32 84 23 00-0228 | EA | 3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3) | 1,271.14 | 51.60 |
| | | *For Flow Meter Replacement Insert Only, Deduct* | *-907.34* | |
| 32 84 23 00-0229 | EA | 1" Brass Tee Mounted Flow Meter (Calsense FM 1B) | 1,401.10 | 68.79 |
| | | *For Flow Meter Replacement Insert Only, Deduct* | *-1,036.99* | |
| 32 84 23 00-0230 | EA | 1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B) | 1,507.28 | 68.79 |
| | | *For Flow Meter Replacement Insert Only, Deduct* | *-1,143.17* | |
| 32 84 23 00-0231 | EA | 1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B) | 1,549.75 | 68.79 |
| | | *For Flow Meter Replacement Insert Only, Deduct* | *-1,185.64* | |
| 32 84 23 00-0232 | EA | 2" Brass Tee Mounted Flow Meter (Calsense FM 2B) | 1,825.81 | 68.79 |
| | | *For Flow Meter Replacement Insert Only, Deduct* | *-1,333.52* | |
| 32 84 23 00-0233 | EA | 2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX)<br>Note: For 4" and larger pipe. Excludes pipe saddle. | 1,427.86 | 34.40 |
| | | *For Flow Meter Replacement Insert Only, Deduct* | *-935.57* | |
| **32 84 23 00-0234** | | **Moisture Sensors** *(32 84 23 00-0224)* | | |
| 32 84 23 00-0235 | EA | Soil Moisture Sensor (Calsense 1000-S) | 497.55 | 25.80 |
| **32 84 23 00-0236** | | **Weather Sensors** *(32 84 23 00-0224)* | | |
| 32 84 23 00-0237 | EA | Wind Gage, Irrigation Weather Sensor (Calsense WG-1) | 1,358.63 | 68.79 |
| 32 84 23 00-0238 | EA | Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1) | 1,538.70 | 137.59 |
| 32 84 23 00-0239 | EA | ET Gage, Irrigation Weather Sensor (Calsense ETG) | 3,126.26 | 103.19 |
| **32 84 23 00-0240** | | **Weather Sensor Accessories** *(32 84 23 00-0224)* | | |
| 32 84 23 00-0241 | EA | Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C) | 918.21 | |
| 32 84 23 00-0242 | EA | Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB) | 1,746.39 | |
| 32 84 23 00-0243 | EA | Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE) | 918.21 | 34.40 |
| 32 84 23 00-0244 | EA | Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE) | 2,147.33 | 34.40 |
| **32 84 23 00-0245** | | **Antennas For Irrigation Controllers** *(32 84 23 00-0205)*<br>Note: Excludes antenna cable. | | |
| 32 84 23 00-0246 | EA | Local Radio Dome Antenna (Calsense LR-DOME) | 472.26 | 34.40 |
| 32 84 23 00-0247 | EA | Local Radio Stick Antenna (Calsense LR-STICK) | 695.24 | 34.40 |
| 32 84 23 00-0248 | EA | Local Radio Yagi Antenna (Calsense LR-YAGI) | 764.04 | 68.79 |
| 32 84 23 00-0249 | EA | Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR) | 472.26 | 34.40 |
| 32 84 23 00-0250 | EA | Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE) | 472.26 | 34.40 |
| 32 84 23 00-0251 | EA | GPRS Stubby Antenna (Calsense GR-STUBBY) | 472.26 | 34.40 |
| 32 84 23 00-0252 | EA | GPRS Stick Antenna (Calsense GR-STICK) | 695.24 | 34.40 |
| 32 84 23 00-0253 | EA | Spread Spectrum Dome Antenna (Calsense SR-DOME) | 472.26 | 34.40 |
| 32 84 23 00-0254 | EA | Spread Spectrum Stick Antenna (Calsense SR-STICK) | 695.24 | 34.40 |
| 32 84 23 00-0255 | EA | Spread Spectrum Yagi Antenna (Calsense SR-YAGI) | 764.04 | 68.79 |
| 32 84 23 00-0256 | EA | Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR) | 472.26 | 34.40 |
| 32 84 23 00-0257 | EA | Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE) | 472.26 | 34.40 |
| 32 84 23 00-0258 | EA | Spread Spectrum Stubby Antenna (Calsense SR-STUBBY) | 472.26 | 34.40 |
| 32 84 23 00-0259 | EA | WiFi Stubby Antenna (Calsense WEN-STUBBY) | 472.26 | 34.40 |
| 32 84 23 00-0260 | LF | Antenna Cable With End Connectors (Calsense LMR-400-DB) | 13.14 | 0.41 |
| 32 84 23 00-0261 | EA | Surge Protection Device For Antenna (Calsense ANT-PROT) | 480.35 | 17.20 |
| 32 84 23 00-0262 | EA | 5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5) | 780.18 | 34.40 |
| 32 84 23 00-0263 | EA | 3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM) | 690.15 | |
| 32 84 23 00-0264 | EA | Local Radio Frequency Filter (Calsense LR-FILTER) | 976.83 | |
| 32 84 23 00-0265 | EA | Spread Spectrum Frequency Filter (Calsense SR-FILTER) | 722.01 | |
| **32 84 23 00-0266** | | **Pedestals And Enclosures For Irrigation Controllers** *(32 84 23 00-0205)* | | |
| 32 84 23 00-0267 | EA | 15 Amperes, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER) | 421.72 | 51.60 |
| 32 84 23 00-0268 | EA | Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX) | 1,040.71 | 85.99 |
| 32 84 23 00-0269 | EA | Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP)<br>Note: Includes GFI and receptacle. | 1,183.65 | 34.40 |
| 32 84 23 00-0270 | EA | Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1)<br>Note: Includes factory installed transient protection board and AC line protection. | 1,421.29 | 25.80 |
| 32 84 23 00-0271 | EA | Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE)<br>Note: Includes factory installed transient protection board and AC line protection. | 4,480.65 | 25.80 |
| 32 84 23 00-0272 | EA | Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R)<br>Note: Includes factory installed transient protection board, AC line protection and dome antenna. | 5,063.18 | 25.80 |
| 32 84 23 00-0273 | EA | Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D)<br>Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers. | 7,339.67 | 51.60 |
| 32 84 23 00-0274 | EA | Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R)<br>Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers. | 7,694.40 | 51.60 |
| 32 84 23 00-0275 | EA | Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM) | 248.86 | |
| 32 84 23 00-0276 | EA | Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED) | 805.46 | |
| **32 84 23 00-0277** | | **Central Computer For Irrigation Control Systems** *(32 84 23 00-0205)* | | |
| 32 84 23 00-0278 | EA | Central Computer For Irrigation Control Systems (Calsense COMP-2)<br>Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software. | 5,647.93 | |
| 32 84 23 00-0279 | EA | Command Center Water Management Software For Central Computer (Calsense COMM-1) | 10,010.87 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 23 00-0280 | EA | Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5)<br>Note: Package price for up to 5 users. Includes remote communication through internet connection. | 1,916.64 | |
| 32 84 23 00-0281 | EA | >5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10)<br>Note: Package price for 6 to 10 users. Includes remote communication through internet connection. | 3,785.11 | |
| 32 84 23 00-0282 | EA | Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2) | 6,098.28 | |
| 32 84 23 00-0283 | EA | GPRS Radio For Use At Central Computer (Calsense DTR-G) | 3,648.64 | |
| **32 84 23 00-0284** | | **Data Access Service** *(32 84 23 00-0205)* | | |
| 32 84 23 00-0285 | EA | 1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN)<br>Note: For communication between GPRS unit and up to 2 controllers. | 30.89 | |
| 32 84 23 00-0286 | EA | 1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR)<br>Note: For communication between GPRS unit and up to 2 controllers. | 337.84 | |
| 32 84 23 00-0287 | EA | 5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR)<br>Note: For communication between GPRS unit and up to 2 controllers. | 1,447.88 | |
| 32 84 23 00-0288 | EA | 1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M)<br>Note: For communication between GPRS unit and multiple controllers. | 125.48 | |
| 32 84 23 00-0289 | EA | 1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M)<br>Note: For communication between GPRS unit and multiple controllers. | 1,351.35 | |
| 32 84 23 00-0290 | EA | 5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M)<br>Note: For communication between GPRS unit and multiple controllers. | 5,791.50 | |
| **32 84 23 00-0291** | | **Communication Options For Irrigation Controllers** *(32 84 23 00-0205)* | | |
| 32 84 23 00-0292 | EA | FCC License Fee (Calsense) | 198.49 | |
| 32 84 23 00-0293 | EA | P.C.I.A. And/Or A.P.C.O. Fee (Calsense)<br>Note: Per frequency or frequency pair. | 391.54 | |
| 32 84 23 00-0294 | EA | Hardware Communication Option For Irrigation Controllers (Calsense M)<br>Note: Allows multiple controllers to be chained together via a communications cable and share one phone line. | 1,119.69 | |
| 32 84 23 00-0295 | EA | Phone Line Communication Option For Irrigation Controllers (Calsense R) | 1,177.60 | |
| 32 84 23 00-0296 | EA | Ethernet Communication Option For Irrigation Controllers (Calsense EN) | 1,177.60 | |
| 32 84 23 00-0297 | EA | WiFi Communication Option For Irrigation Controllers (Calsense WEN) | 2,413.12 | |
| 32 84 23 00-0298 | EA | Local Radio Communication Option For Irrigation Controllers (Calsense LR) | 3,069.50 | |
| 32 84 23 00-0299 | EA | Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR) | 3,069.50 | |
| 32 84 23 00-0300 | EA | GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR) | 3,069.50 | |
| 32 84 23 00-0301 | EA | Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM) | 9,845.55 | |
| 32 84 23 00-0302 | EA | Communication Hub For Irrigation Controllers (Calsense HUB)<br>Note: Accepts up to two communication options. Excludes communication options. | 3,784.40 | |
| **32 84 23 00-0303** | | **Retrofit Options For Irrigation Controllers** *(32 84 23 00-0205)* | | |
| **32 84 23 00-0304** | | **Weather Retrofits For Irrigation Controllers** *(32 84 23 00-0303)* | | |
| 32 84 23 00-0305 | EA | Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO) | 1,487.71 | |
| 32 84 23 00-0306 | EA | Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO) | 1,487.71 | |
| 32 84 23 00-0307 | EA | Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO) | 1,487.71 | |
| 32 84 23 00-0308 | EA | Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO) | 1,487.71 | |
| **32 84 23 00-0309** | | **Phone Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0303)* | | |
| 32 84 23 00-0310 | EA | Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO) | 1,564.93 | |
| 32 84 23 00-0311 | EA | Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO) | 1,854.50 | |
| 32 84 23 00-0312 | EA | Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO) | 2,983.85 | |
| **32 84 23 00-0313** | | **Local Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0303)* | | |
| 32 84 23 00-0314 | EA | Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO) | 1,757.98 | |
| 32 84 23 00-0315 | EA | Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO) | 3,727.09 | |
| 32 84 23 00-0316 | EA | Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO) | 4,846.78 | |
| **32 84 23 00-0317** | | **Spread Spectrum Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0303)* | | |
| 32 84 23 00-0318 | EA | Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro) | 1,757.98 | |
| 32 84 23 00-0319 | EA | Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO) | 3,727.09 | |
| 32 84 23 00-0320 | EA | Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO) | 4,846.78 | |
| **32 84 23 00-0321** | | **Ethernet Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0303)* | | |
| 32 84 23 00-0322 | EA | Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro) | 1,757.98 | |
| 32 84 23 00-0323 | EA | Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO) | 1,854.50 | |
| 32 84 23 00-0324 | EA | Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO) | 2,983.85 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **32 84 23 00-0325** | | **GPRS Radio Modem Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0303)* | | |
| 32 84 23 00-0326 | EA | Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO) | 1,757.98 | |
| 32 84 23 00-0327 | EA | Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO) | 3,727.09 | |
| 32 84 23 00-0328 | EA | Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO) | 4,846.78 | |
| **32 84 23 00-0329** | | **Radio Remote Units For Irrigation Controllers** *(32 84 23 00-0205)* | | |
| 32 84 23 00-0330 | EA | Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN) | 1,767.63 | |
| 32 84 23 00-0331 | EA | Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe)<br>Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable. | 382.24 | |
| 32 84 23 00-0332 | EA | Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG) | 164.09 | |
| 32 84 23 00-0333 | EA | Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT) | 287.47 | |
| 32 84 23 00-0334 | EA | Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT)<br>Note: Excludes antenna cable. | 181.29 | 8.60 |
| 32 84 23 00-0335 | EA | Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP)<br>Note: Excludes antenna cable. | 355.04 | 8.60 |
| 32 84 23 00-0336 | EA | Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome)<br>Note: Excludes antenna cable. | 384.00 | 8.60 |
| **32 84 23 00-0337** | | **Satellite Irrigation Controllers (Rain Bird® ESP-SAT)** *(32 84 23 00-0100)*<br>Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad. | | |
| 32 84 23 00-0338 | EA | 12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS) | 4,114.89 | 154.79 |
| 32 84 23 00-0339 | EA | 24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS) | 4,339.44 | 163.39 |
| 32 84 23 00-0340 | EA | 40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS) | 6,052.52 | 171.99 |
| **32 84 23 00-0341** | | **Irrigation Valves** *(32 84 23)* | | |
| **32 84 23 00-0342** | | **Reduced Pressure Zone Valves With QT Shut-Offs** *(32 84 23 00-0341)*<br>Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series). | | |
| 32 84 23 00-0343 | EA | 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series) | 731.74 | 44.12 |
| 32 84 23 00-0344 | EA | 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | 868.57 | 53.88 |
| 32 84 23 00-0345 | EA | 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | 1,308.01 | 62.70 |
| 32 84 23 00-0346 | EA | 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | 1,384.21 | 71.99 |
| 32 84 23 00-0347 | EA | 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | 1,662.62 | 92.89 |
| **32 84 23 00-0348** | | **Brass Quick-Coupling Irrigation Valves** *(32 84 23 00-0341)* | | |
| 32 84 23 00-0349 | EA | 3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC) | 157.57 | 38.49 |
| | | *For Valve Key, Add* | *41.36* | |
| 32 84 23 00-0350 | EA | 3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC) | 162.35 | 38.49 |
| | | *For Locking Cover, Add* | *25.00* | |
| | | *For Valve Key, Add* | *41.36* | |
| 32 84 23 00-0351 | EA | 1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC) | 214.96 | 38.49 |
| | | *For Valve Key, Add* | *105.79* | |
| 32 84 23 00-0352 | EA | 1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC) | 234.09 | 38.49 |
| | | *For Valve Key, Add* | *105.79* | |
| **32 84 23 00-0353** | | **Anti-Siphon Pressure Type Vacuum Breaker** *(32 84 23 00-0341)*<br>Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit. | | |
| 32 84 23 00-0354 | EA | 3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT) | 268.41 | 32.51 |
| 32 84 23 00-0355 | EA | 1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT) | 383.23 | 37.15 |
| 32 84 23 00-0356 | EA | 1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT) | 691.94 | 42.96 |
| 32 84 23 00-0357 | EA | 1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT) | 842.50 | 47.60 |
| 32 84 23 00-0358 | EA | 2" Anti-Siphon Pressure Type Vacuum Breaker | 851.01 | 58.06 |
| **32 84 23 00-0359** | | **Irrigation Piping** *(32 84 23)* | | |
| 32 84 23 00-0360 | LF | 3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings | 3.09 | 1.34 |
| | | *For >1,000, Deduct* | *-0.15* | |
| 32 84 23 00-0361 | LF | 1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings | 3.71 | 1.60 |
| | | *For >1,000, Deduct* | *-0.19* | |
| 32 84 23 00-0362 | LF | 1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings | 5.21 | 2.03 |
| | | *For >1,000, Deduct* | *-0.26* | |
| 32 84 23 00-0363 | LF | 2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings | 6.69 | 2.55 |
| | | *For >1,000, Deduct* | *-0.33* | |
| 32 84 23 00-0364 | LF | 2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings | 8.49 | 2.97 |
| | | *For >1,000, Deduct* | *-0.42* | |
| 32 84 23 00-0365 | LF | 1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | 2.61 | 1.07 |
| | | *For >1,000, Deduct* | *-0.13* | |
| 32 84 23 00-0366 | LF | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | 3.27 | 1.34 |
| | | *For >1,000, Deduct* | *-0.16* | |
| 32 84 23 00-0367 | LF | 1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | 4.01 | 1.60 |
| | | *For >1,000, Deduct* | *-0.20* | |
| 32 84 23 00-0368 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | 5.42 | 2.03 |
| | | *For >1,000, Deduct* | *-0.27* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 84 23 00-0369 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | 6.86 | 2.55 |
| | | *For >1,000, Deduct* | *-0.34* | |
| 32 84 23 00-0370 | LF | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | 8.75 | 2.97 |
| | | *For >1,000, Deduct* | *-0.44* | |
| 32 84 23 00-0371 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | 12.20 | 4.28 |
| | | *For >1,000, Deduct* | *-0.61* | |
| 32 84 23 00-0372 | | **Irrigation Swing Joints** *(32 84 23)* | | |
| 32 84 23 00-0373 | EA | 3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075) | 60.05 | 21.28 |
| 32 84 23 00-0374 | EA | 1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12) | 68.28 | 23.76 |
| 32 84 23 00-0375 | EA | 1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS) | 90.79 | 23.76 |
| 32 84 23 00-0376 | | **Irrigation Control Wire** *(32 84 23)*<br>Note: Excludes excavation and backfill. | | |
| 32 84 23 00-0377 | | **18 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0376)* | | |
| 32 84 23 00-0378 | CLF | 1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 49.95 | 16.04 |
| 32 84 23 00-0379 | CLF | 2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 65.23 | 18.72 |
| 32 84 23 00-0380 | CLF | 3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 75.04 | 21.39 |
| 32 84 23 00-0381 | CLF | 4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 85.86 | 24.06 |
| 32 84 23 00-0382 | CLF | 5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 97.64 | 26.74 |
| 32 84 23 00-0383 | CLF | 6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 116.41 | 29.40 |
| 32 84 23 00-0384 | CLF | 7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 134.41 | 32.07 |
| 32 84 23 00-0385 | CLF | 8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 146.03 | 34.75 |
| 32 84 23 00-0386 | CLF | 9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 160.26 | 37.42 |
| 32 84 23 00-0387 | CLF | 10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 176.55 | 40.09 |
| 32 84 23 00-0388 | CLF | 11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 182.87 | 42.77 |
| 32 84 23 00-0389 | CLF | 12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 190.19 | 45.44 |
| 32 84 23 00-0390 | CLF | 13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench | 200.69 | 48.12 |
| 32 84 23 00-0391 | | **16 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0376)* | | |
| 32 84 23 00-0392 | CLF | 1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench | 52.59 | 16.04 |
| 32 84 23 00-0393 | | **14 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0376)* | | |
| 32 84 23 00-0394 | CLF | 1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench | 52.59 | 16.04 |
| 32 84 23 00-0395 | | **12 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0376)* | | |
| 32 84 23 00-0396 | CLF | 1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench | 70.06 | 16.04 |
| 32 84 23 00-0397 | | **10 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0376)* | | |
| 32 84 23 00-0398 | CLF | 1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench | 92.18 | 16.04 |
| 32 84 23 00-0399 | | **Root Watering Systems** *(32 84 23)*<br>Note: Includes swing assembly. | | |
| 32 84 23 00-0400 | EA | 0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401) | 96.46 | 21.39 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0401 | EA | 0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401) | 103.91 | 21.39 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0402 | EA | 0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402) | 96.46 | 21.39 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0403 | EA | 0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402) | 103.91 | 21.39 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0404 | EA | 1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404) | 103.91 | 21.39 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0405 | EA | 0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401) | 83.73 | 18.72 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0406 | EA | 0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401) | 90.88 | 18.72 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0407 | EA | 0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402) | 83.73 | 18.72 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0408 | EA | 0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402) | 90.88 | 18.72 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0409 | EA | 0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401) | 56.71 | 16.04 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |
| 32 84 23 00-0410 | EA | 0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401) | 63.51 | 16.04 |
| | | *For Root Watering Sand Sock, Add* | *1.18* | |

## 32 90 Planting *(32)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

## 32 91 Planting Preparation *(32 90)*

### 32 91 13 Soil Preparation *(32 91)*

### 32 91 13 16 Mulching *(32 91 13)*

32 91 13 16-0001 Mulch *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

| | | | | |
|---|---|---|---|---|
| 32 91 13 16-0002 | CY | Pea Gravel Mulch | 93.29 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-7.65* | |
| | | *For >20 To 50, Deduct* | *-11.47* | |
| | | *For >50, Deduct* | *-16.13* | |
| 32 91 13 16-0003 | CY | Stone/Gravel Mulch, Marble Chips | 295.85 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-17.77* | |
| | | *For >20 To 50, Deduct* | *-26.66* | |
| | | *For >50, Deduct* | *-41.45* | |
| 32 91 13 16-0004 | CY | Stone Mulch, Decomposed Granite Chips | 84.48 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-7.20* | |
| | | *For >20 To 50, Deduct* | *-10.81* | |
| | | *For >50, Deduct* | *-15.03* | |
| 32 91 13 16-0005 | CY | Pine Bark Nugget Mulch | 113.45 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-8.65* | |
| | | *For >20 To 50, Deduct* | *-12.98* | |
| | | *For >50, Deduct* | *-18.65* | |
| 32 91 13 16-0006 | CY | Hardwood Bark Nugget Mulch | 111.30 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-8.55* | |
| | | *For >20 To 50, Deduct* | *-12.82* | |
| | | *For >50, Deduct* | *-18.38* | |
| 32 91 13 16-0007 | CY | Pine Wood Chip Mulch | 106.99 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-8.33* | |
| | | *For >20 To 50, Deduct* | *-12.50* | |
| | | *For >50, Deduct* | *-17.84* | |
| 32 91 13 16-0008 | CY | Hardwood Chip Mulch | 115.60 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-8.76* | |
| | | *For >20 To 50, Deduct* | *-13.14* | |
| | | *For >50, Deduct* | *-18.92* | |
| 32 91 13 16-0009 | CY | Shredded Hardwood Mulch | 115.60 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-8.76* | |
| | | *For >20 To 50, Deduct* | *-13.14* | |
| | | *For >50, Deduct* | *-18.92* | |
| 32 91 13 16-0010 | CY | Shredded Pine Mulch | 96.22 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-7.79* | |
| | | *For >20 To 50, Deduct* | *-11.69* | |
| | | *For >50, Deduct* | *-16.50* | |
| 32 91 13 16-0011 | CY | Shredded Cedar Mulch | 138.22 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-9.89* | |
| | | *For >20 To 50, Deduct* | *-14.84* | |
| | | *For >50, Deduct* | *-21.75* | |
| 32 91 13 16-0012 | CY | Shredded Cypress Mulch | 134.99 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-9.73* | |
| | | *For >20 To 50, Deduct* | *-14.60* | |
| | | *For >50, Deduct* | *-21.34* | |
| 32 91 13 16-0013 | CY | Shredded Redwood Mulch | 143.60 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.92* | |
| | | *For >5 To 20, Deduct* | *-10.16* | |
| | | *For >20 To 50, Deduct* | *-15.24* | |
| | | *For >50, Deduct* | *-22.42* | |
| 32 91 13 16-0014 | CY | Chunk Recycled Tire Mulch | 226.05 | |
| | | *For Work On Slopes >2.5:1, Add* | *15.06* | |
| | | *For >5 To 20, Deduct* | *-15.07* | |
| | | *For >20 To 50, Deduct* | *-22.60* | |
| | | *For >50, Deduct* | *-33.90* | |
| 32 91 13 16-0015 | CY | Chunk Colored Recycled Tire Mulch | 374.65 | |
| | | *For Work On Slopes >2.5:1, Add* | *15.06* | |
| | | *For >5 To 20, Deduct* | *-22.50* | |
| | | *For >20 To 50, Deduct* | *-33.75* | |
| | | *For >50, Deduct* | *-52.48* | |
| 32 91 13 16-0016 | CY | Shredded Recycled Tire Mulch | 376.80 | |
| | | *For Work On Slopes >2.5:1, Add* | *15.06* | |
| | | *For >5 To 20, Deduct* | *-22.61* | |
| | | *For >20 To 50, Deduct* | *-33.91* | |
| | | *For >50, Deduct* | *-52.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 91 13 16-0017 | CY | Shredded Colored Recycled Tire Mulch | 674.00 | |
| | | *For Work On Slopes >2.5:1, Add* | *15.06* | |
| | | *For >5 To 20, Deduct* | *-37.47* | |
| | | *For >20 To 50, Deduct* | *-56.20* | |
| | | *For >50, Deduct* | *-89.90* | |
| 32 91 13 16-0018 | EA | Pine Straw Mulch Bale | 10.76 | |
| | | Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen. | | |
| | | *For Work On Slopes >2.5:1, Add* | *0.65* | |
| | | *For >100 To 250, Deduct* | *-0.70* | |
| | | *For >250 To 500, Deduct* | *-0.86* | |
| | | *For >500, Deduct* | *-1.24* | |
| 32 91 13 16-0019 | EA | Wheat Straw Mulch Bale | 11.28 | |
| | | Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen. | | |
| | | *For Work On Slopes >2.5:1, Add* | *0.49* | |
| | | *For >100 To 250, Deduct* | *-0.69* | |
| | | *For >250 To 500, Deduct* | *-0.81* | |
| | | *For >500, Deduct* | *-1.25* | |

## 32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

### 32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

| | | | | |
|---|---|---|---|---|
| 32 91 13 26-0002 | SF | Prepare And Mix Plant Bed, Up To 8" Deep By Machine | 0.91 | |
| | | Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments. | | |
| | | *For Work On Slopes >2.5:1, Add* | *0.18* | |
| 32 91 13 26-0003 | SF | Prepare And Mix Plant Bed, 9" To 13" Deep By Machine | 1.04 | |
| | | Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments. | | |
| | | *For Work On Slopes >2.5:1, Add* | *0.21* | |
| 32 91 13 26-0004 | SF | Prepare And Mix Plant Bed, 14" To 18" Deep By Machine | 1.24 | |
| | | Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments. | | |
| | | *For Work On Slopes >2.5:1, Add* | *0.25* | |
| 32 91 13 26-0005 | SF | Prepare And Mix Plant Bed By Hand, Up To 8" Deep | 3.98 | |
| | | Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments. | | |
| | | *For Work On Slopes >2.5:1, Add* | *0.80* | |
| 32 91 13 26-0006 | SF | Prepare And Mix Plant Bed By Hand, 9" To 13" Deep | 4.57 | |
| | | Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments. | | |
| | | *For Work On Slopes >2.5:1, Add* | *0.91* | |
| 32 91 13 26-0007 | SF | Prepare And Mix Plant Bed By Hand, 14" To 18" Deep | 5.37 | |
| | | Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments. | | |
| | | *For Work On Slopes >2.5:1, Add* | *1.07* | |

### 32 91 13 26-0008 Planting Pit Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

| | | | | |
|---|---|---|---|---|
| 32 91 13 26-0009 | CY | Excavate Planting Pit By Hand, Sandy Soil | 68.79 | |
| | | Note: For use with existing planting pits. | | |
| | | *For Work On Slopes >2.5:1, Add* | *13.76* | |
| 32 91 13 26-0010 | CY | Excavate Planting Pit By Hand, Heavy Soil | 137.59 | |
| | | Note: For use with existing planting pits. | | |
| | | *For Work On Slopes >2.5:1, Add* | *27.52* | |
| 32 91 13 26-0011 | CY | Excavate Planting Pit By Machine, Sandy Soil | 11.74 | |
| | | Note: For use with existing planting pits. | | |
| | | *For Work On Slopes >2.5:1, Add* | *2.35* | |
| 32 91 13 26-0012 | CY | Excavate Planting Pit By Machine, Heavy Soil | 15.27 | |
| | | Note: For use with existing planting pits. | | |
| | | *For Work On Slopes >2.5:1, Add* | *3.05* | |
| 32 91 13 26-0013 | CY | Backfill Planting Pit By Hand With Topsoil From Stockpile | 61.14 | |
| | | *For Work On Slopes >2.5:1, Add* | *12.23* | |
| 32 91 13 26-0014 | CY | Backfill Planting Pit By Hand With Contractor Furnished Planting Mix | 84.27 | |
| | | *For Work On Slopes >2.5:1, Add* | *11.68* | |
| 32 91 13 26-0015 | CY | Backfill Planting Pit By Machine, With Topsoil From Stockpile | 6.17 | |
| | | *For Work On Slopes >2.5:1, Add* | *1.23* | |
| 32 91 13 26-0016 | CY | Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix | 43.52 | |
| | | *For Work On Slopes >2.5:1, Add* | *3.53* | |

### 32 91 13 26-0017 Weed Barrier *(32 91 13 26)*

| | | | | |
|---|---|---|---|---|
| 32 91 13 26-0018 | SY | Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier | 2.00 | |
| | | *For Work On Slopes >2.5:1, Add* | *0.11* | |
| 32 91 13 26-0019 | SY | 4 Oz/SY Woven, Polypropylene Weed Barrier | 2.75 | |
| | | *For Work On Slopes >2.5:1, Add* | *0.11* | |
| 32 91 13 26-0020 | SY | 5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier | 3.08 | |
| | | *For Work On Slopes >2.5:1, Add* | *0.11* | |

## 32 91 13 33 Soil Conditioners *(32 91 13)*

### 32 91 13 33-0001 Spread Soil Conditioners *(32 91 13 33)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 91 13 33-0002 | SY | Aluminum Sulfate 1 LB/SY, Push Spreader | 0.43 | |
| 32 91 13 33-0003 | MSF | Aluminum Sulfate 110 LB/MSF Tractor Spreader | 42.09 | |
| 32 91 13 33-0004 | MSF | Fertilizer, 20 LB/MSF, Push Spreader | 6.19 | |
| 32 91 13 33-0005 | MSF | Fertilizer, 20 LB/MSF, Tractor Spread | 2.86 | |
| 32 91 13 33-0006 | MSF | Fertilizer, 20 LB/MSF, Truck Spread | 5.74 | |
| 32 91 13 33-0007 | SY | Pelletized Lime, 1 LB/SY, Push Spreader | 0.10 | |
| 32 91 13 33-0008 | MSF | Pelitized Lime, 110 LB/MSF, Tractor Spreader | 7.75 | |
| 32 91 13 33-0009 | SY | Perlite, 1" Deep, Push Spreader | 3.85 | |
| 32 91 13 33-0010 | MSF | Perlite, 1" Deep, Tractor Spreader | 400.39 | |
| 32 91 13 33-0011 | SY | Vermiculite, Push Spreader | 3.57 | |
| 32 91 13 33-0012 | MSF | Vermiculite, Tractor Spreader | 391.10 | |

## 32 91 13 36 Lawn Bed Preparation *(32 91 13)*

### 32 91 13 36-0001 Lawn Bed Preparation *(32 91 13 36)*

| | | | | |
|---|---|---|---|---|
| 32 91 13 36-0002 | MSF | Rake Topsoil With Machine | 72.31 | |
| 32 91 13 36-0003 | MSF | Rake Topsoil By Hand | 55.03 | |
| 32 91 13 36-0004 | MSF | Screen Loam By Hand | 36.69 | |
| 32 91 13 36-0005 | SY | Roll Topsoil With Machine | 0.94 | |
| 32 91 13 36-0006 | SY | Roll Topsoil By Hand | 2.46 | |
| 32 91 13 36-0007 | MSF | Removal Of Rocks And Debris With Machine | 8.55 | |
| 32 91 13 36-0008 | MSF | Removal Of Rocks And Debris By Hand | 26.02 | |
| 32 91 13 36-0009 | MSF | Root Raking And Loading, No Boulders | 44.75 | |
| | | *For >45 to 225, Deduct* | *-31.33* | |
| | | *For >225, Deduct* | *-40.28* | |
| 32 91 13 36-0010 | MSF | Root Raking And Loading, With Boulders | 74.58 | |
| | | *For >45 to 225, Deduct* | *-52.21* | |
| | | *For >225, Deduct* | *-67.12* | |
| 32 91 13 36-0011 | MSF | Up To 6" Deep Tilling Topsoil With Tractor | 4.07 | |
| 32 91 13 36-0012 | MSF | >6" To 12" Deep Tilling Topsoil With Tractor | 8.24 | |
| | | *For Work On Slopes >2.5:1, Add* | *1.65* | |
| 32 91 13 36-0013 | SY | Up To 2" Deep Tilling Topsoil With Rototiller | 0.60 | |
| 32 91 13 36-0014 | SY | >2" To 4" Deep Tilling Topsoil With Rototiller | 0.72 | |
| 32 91 13 36-0015 | SY | >4" To 6" Deep Tilling Topsoil With Rototiller | 0.90 | |
| 32 91 13 36-0016 | LF | "V" Cut Soil For Edge Of Planting Beds | 1.00 | |

### 32 91 13 36-0017 Sod Removal *(32 91 13 36)*

| | | | | |
|---|---|---|---|---|
| 32 91 13 36-0018 | SY | Removal Of Sod By Hand | 4.64 | |
| | | *For Work On Slopes >2.5:1, Add* | *0.93* | |
| 32 91 13 36-0019 | SY | Removal Of Sod With Machine | 0.55 | |
| | | *For Work On Slopes >2.5:1, Add* | *0.11* | |
| 32 91 13 36-0020 | SY | Pile Sod By Hand | 2.75 | |
| | | *For Work On Slopes >2.5:1, Add* | *0.55* | |
| 32 91 13 36-0021 | SY | Pile Sod With Machine | 1.02 | |
| | | *For Work On Slopes >2.5:1, Add* | *0.20* | |

## 32 91 19 Landscape Grading *(32 91)*

## 32 91 19 13 Topsoil Placement and Grading *(32 91 19)*

### 32 91 19 13-0001 Remove And Stockpile Topsoil On Site *(32 91 19 13)*

| | | | | |
|---|---|---|---|---|
| 32 91 19 13-0002 | CY | Removal Of Topsoil, 4" Deep Stockpile On Site | 4.57 | |
| 32 91 19 13-0003 | CY | Removal Of Topsoil, 6" Deep Stockpile On Site | 4.52 | |

### 32 91 19 13-0004 Screening Topsoil *(32 91 19 13)*

| | | | | |
|---|---|---|---|---|
| 32 91 19 13-0005 | CY | Screen Topsoil With Vibrating Screen, Wet Material (Organic) | 9.91 | |
| 32 91 19 13-0006 | CY | Screen Topsoil With Vibrating Screen, Dry Material | 6.60 | |

### 32 91 19 13-0007 Spreading Topsoil From Stockpile *(32 91 19 13)*

| | | | | |
|---|---|---|---|---|
| 32 91 19 13-0008 | CY | Spread Topsoil By Machine From Stockpile | 7.05 | |
| 32 91 19 13-0009 | CY | Spread Topsoil By Hand From Stockpile | 52.51 | |

### 32 91 19 13-0010 Furnish And Place Imported Screened Topsoil *(32 91 19 13)*

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

| | | | | |
|---|---|---|---|---|
| 32 91 19 13-0011 | SY | Furnish And Place Imported Screened Topsoil, 2" Deep | 2.83 | |
| | | *For Unscreened, Deduct* | *-0.27* | |
| 32 91 19 13-0012 | SY | Furnish And Place Imported Screened Topsoil, 4" Deep | 5.40 | |
| | | *For Unscreened, Deduct* | *-0.54* | |
| 32 91 19 13-0013 | SY | Furnish And Place Imported Screened Topsoil, 6" Deep | 7.75 | |
| | | *For Unscreened, Deduct* | *-0.81* | |
| 32 91 19 13-0014 | SY | Furnish And Place Imported Screened Topsoil, 9" Deep | 11.10 | |
| | | *For Unscreened, Deduct* | *-1.22* | |
| 32 91 19 13-0015 | SY | Furnish And Place Imported Screened Topsoil, 12" Deep | 14.46 | |
| | | *For Unscreened, Deduct* | *-1.63* | |
| 32 91 19 13-0016 | CY | Furnish And Place Imported Screened Topsoil, Over 12" Deep | 38.42 | |
| | | *For Unscreened, Deduct* | *-4.88* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 91 19 13-0017 | | Scarify Soil For Planting Preparation *(32 91 19 13)*<br>Note: Ripped in multiple directions with 3" maximum clods. | | |
| 32 91 19 13-0018 | MSF | Up To 5,000 SF Scarify Up To 8" Soil With Machine | 54.93 | |
| 32 91 19 13-0019 | MSF | >5,000 To 20,000 SF Scarify Up To 8" Soil With Machine | 38.45 | |
| 32 91 19 13-0020 | MSF | >20,000 SF Scarify Up To 8" Soil With Machine | 22.70 | |

## 32 92 Turf and Grasses *(32 90)*

### 32 92 16 Plugging *(32 92)*

| | | | | |
|---|---|---|---|---|
| 32 92 16 00-0001 | | Bermuda Or Centipede Plugging, 1" Deep *(32 92 16)*<br>Note: Includes fine grade and soil preparation. | | |
| 32 92 16 00-0002 | | 6" On Center Plugging *(32 92 16 00-0001)* | | |
| 32 92 16 00-0003 | MSF | Plugging By Hand, 6" On Center | 177.65 | |
| 32 92 16 00-0004 | MSF | Plugging By Walk Behind Planter, 6" On Center | 24.20 | |
| 32 92 16 00-0005 | MSF | Plugging By Towed Planter, 6" On Center | 17.95 | |
| 32 92 16 00-0006 | | 9" On Center Plugging *(32 92 16 00-0001)* | | |
| 32 92 16 00-0007 | MSF | Plugging By Hand, 9" On Center | 136.28 | |
| 32 92 16 00-0008 | MSF | Plugging By Walk Behind Planter, 9" On Center | 18.95 | |
| 32 92 16 00-0009 | MSF | Plugging By Towed Planter, 9" On Center | 13.45 | |
| 32 92 16 00-0010 | | 12" On Center Plugging *(32 92 16 00-0001)* | | |
| 32 92 16 00-0011 | MSF | Plugging By Hand, 12" On Center | 114.77 | |
| 32 92 16 00-0012 | MSF | Plugging By Walk Behind Planter, 12" On Center | 12.85 | |
| 32 92 16 00-0013 | MSF | Plugging By Towed Planter, 12" On Center | 8.61 | |

### 32 92 19 Seeding *(32 92)*

#### 32 92 19 13 Mechanical Seeding *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

| | | | | |
|---|---|---|---|---|
| 32 92 19 13-0001 | | Tractor Spreader Mechanical Seeding *(32 92 19 13)*<br>Note: Excludes straw. | | |
| 32 92 19 13-0002 | MSF | Common Bluegrass, Tractor Spreader<br>Note: 4 LB/MSF spread rate. | 38.23 | |
| 32 92 19 13-0003 | MSF | Tall Fescue, Tractor Spreader<br>Note: 5.5 LB/MSF spread rate. | 30.79 | |
| 32 92 19 13-0004 | MSF | Rye, Tractor Spreader<br>Note: 10 LB/MSF spread rate. | 31.32 | |
| 32 92 19 13-0005 | MSF | Shade Mix, Tractor Spreader<br>Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass. | 34.00 | |
| 32 92 19 13-0006 | MSF | Turf Mix, Tractor Spreader<br>Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass. | 35.92 | |
| 32 92 19 13-0007 | MSF | Slope Mix, Tractor Spreader<br>Note: 6 LB/MSF spread rate. | 33.36 | |
| 32 92 19 13-0008 | MSF | Utility Mix, Tractor Spreader<br>Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass. | 30.16 | |
| 32 92 19 13-0009 | MSF | Wild Flower Mix, Tractor Spreader<br>Note: 0.10 LB/MSF spread rate. | 24.12 | |
| 32 92 19 13-0010 | MSF | Crown Vetch Mix, Tractor Spreader<br>Note: 4 LB/MSF spread rate. | 71.84 | |
| 32 92 19 13-0011 | MSF | Athletic Mix, Tractor Spreader<br>Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass. | 43.62 | |
| 32 92 19 13-0012 | MSF | White Clover Mix, Tractor Spreader<br>Note: 7 LB/MSF spread rate. | 24.06 | |
| 32 92 19 13-0013 | MSF | Ladino Clover Mix, Tractor Spreader<br>Note: 7 LB/MSF spread rate. | 26.62 | |
| 32 92 19 13-0014 | | Hydro Or Air Mechanical Seeding *(32 92 19 13)* | | |
| 32 92 19 13-0015 | MSF | Common Bluegrass, Hydro Or Air Seeding<br>Note: 4 LB/MSF spread rate. | 77.78 | |
| | | *For Spot Areas Up To 1, Add* | *84.22* | |
| | | *For >1 To 4, Add* | *54.18* | |
| | | *For >4 To 7.5, Add* | *36.75* | |
| | | *For >7.5 To 10, Add* | *18.37* | |
| | | *For >45, Deduct* | *-6.30* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0016 | MSF | Tall Fescue, Hydro Or Air Seeding<br>Note: 5.5 LB/MSF spread rate. | 82.27 | |
| | | *For Spot Areas Up To 1, Add* | *86.02* | |
| | | *For >1 To 4, Add* | *55.08* | |
| | | *For >4 To 7.5, Add* | *37.20* | |
| | | *For >7.5 To 10, Add* | *18.60* | |
| | | *For >45, Deduct* | *-6.53* | |
| | | *For Tackifier, Add* | *1.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 92 19 13-0017 | MSF | Rye, Hydro Or Air Spread | 77.97 | |
| | | Note: 10 LB/MSF spread rate. | | |
| | | *For Spot Areas Up To 1, Add* | *84.30* | |
| | | *For >1 To 4, Add* | *54.22* | |
| | | *For >4 To 7.5, Add* | *36.77* | |
| | | *For >7.5 To 10, Add* | *18.38* | |
| | | *For >45, Deduct* | *-6.31* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0018 | MSF | Shade Mix, Hydro Or Air Seeding | 77.78 | |
| | | Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass. | | |
| | | *For Spot Areas Up To 1, Add* | *84.22* | |
| | | *For >1 To 4, Add* | *54.18* | |
| | | *For >4 To 7.5, Add* | *36.75* | |
| | | *For >7.5 To 10, Add* | *18.37* | |
| | | *For >45, Deduct* | *-6.30* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0019 | MSF | Turf Mix, Hydro Or Air Seeding | 82.27 | |
| | | Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass. | | |
| | | *For Spot Areas Up To 1, Add* | *86.02* | |
| | | *For >1 To 4, Add* | *55.08* | |
| | | *For >4 To 7.5, Add* | *37.20* | |
| | | *For >7.5 To 10, Add* | *18.60* | |
| | | *For >45, Deduct* | *-6.53* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0020 | MSF | Slope Mix, Hydro Or Air Seeding | 80.35 | |
| | | Note: 6 LB/MSF spread rate. | | |
| | | *For Spot Areas Up To 1, Add* | *85.25* | |
| | | *For >1 To 4, Add* | *54.69* | |
| | | *For >4 To 7.5, Add* | *37.00* | |
| | | *For >7.5 To 10, Add* | *18.50* | |
| | | *For >45, Deduct* | *-6.43* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0021 | MSF | Utility Mix, Hydro Or Air Seeding | 78.80 | |
| | | Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass. | | |
| | | *For Spot Areas Up To 1, Add* | *84.63* | |
| | | *For >1 To 4, Add* | *54.38* | |
| | | *For >4 To 7.5, Add* | *36.85* | |
| | | *For >7.5 To 10, Add* | *18.42* | |
| | | *For >45, Deduct* | *-6.35* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0022 | MSF | Wild Flower Mix, Hydro Or Air Seeding | 73.80 | |
| | | Note: 0.10 LB/MSF spread rate. | | |
| | | *For Spot Areas Up To 1, Add* | *82.63* | |
| | | *For >1 To 4, Add* | *53.38* | |
| | | *For >4 To 7.5, Add* | *36.35* | |
| | | *For >7.5 To 10, Add* | *18.17* | |
| | | *For >45, Deduct* | *-6.10* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0023 | MSF | Crown Vetch Mix, Hydro Or Air Seeding | 118.83 | |
| | | Note: 4 LB/MSF spread rate. | | |
| | | *For Spot Areas Up To 1, Add* | *100.64* | |
| | | *For >1 To 4, Add* | *62.39* | |
| | | *For >4 To 7.5, Add* | *40.85* | |
| | | *For >7.5 To 10, Add* | *20.43* | |
| | | *For >45, Deduct* | *-8.36* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0024 | MSF | Athletic Mix, Hydro Or Air Seeding | 104.74 | |
| | | Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass. | | |
| | | *For Spot Areas Up To 1, Add* | *95.00* | |
| | | *For >1 To 4, Add* | *59.57* | |
| | | *For >4 To 7.5, Add* | *39.44* | |
| | | *For >7.5 To 10, Add* | *19.72* | |
| | | *For >45, Deduct* | *-7.65* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0025 | MSF | White Clover Mix, Hydro Or Air Seeding | 67.71 | |
| | | Note: 7 LB/MSF spread rate. | | |
| | | *For Spot Areas Up To 1, Add* | *80.19* | |
| | | *For >1 To 4, Add* | *52.17* | |
| | | *For >4 To 7.5, Add* | *35.74* | |
| | | *For >7.5 To 10, Add* | *17.87* | |
| | | *For >45, Deduct* | *-5.80* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0026 | MSF | Ladino Clover Mix, Hydro Or Air Seeding | 75.22 | |
| | | Note: 7 LB/MSF spread rate. | | |
| | | *For Spot Areas Up To 1, Add* | *83.20* | |
| | | *For >1 To 4, Add* | *53.67* | |
| | | *For >4 To 7.5, Add* | *36.49* | |
| | | *For >7.5 To 10, Add* | *18.25* | |
| | | *For >45, Deduct* | *-6.18* | |
| | | *For Tackifier, Add* | *1.25* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 92 19 13-0027 | MSF | 60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread | 79.07 | |
| | | Note: 4 LB/MSF spread rate. | | |
| | | *For Spot Areas Up To 1, Add* | *84.74* | |
| | | *For >1 To 4, Add* | *54.44* | |
| | | *For >4 To 7.5, Add* | *36.88* | |
| | | *For >7.5 To 10, Add* | *18.44* | |
| | | *For >45, Deduct* | *-6.37* | |
| | | *For Tackifier, Add* | *1.25* | |
| 32 92 19 13-0028 | MSF | 2,500 LB/Acre, High Performance - Flexible Growth Medium | 111.19 | |
| | | Note: Applied with seed. Excludes seed. | | |
| | | *For >45, Deduct* | *-6.77* | |
| 32 92 19 13-0029 | MSF | 3,000 LB/Acre, High Performance - Flexible Growth Medium | 129.81 | |
| | | Note: Applied with seed. Excludes seed. | | |
| | | *For >45, Deduct* | *-7.76* | |
| 32 92 19 13-0030 | MSF | 3,500 LB/Acre, High Performance - Flexible Growth Medium | 148.51 | |
| | | Note: Applied with seed. Excludes seed. | | |
| | | *For >45, Deduct* | *-8.76* | |
| 32 92 19 13-0031 | MSF | 4,000 LB/Acre, High Performance - Flexible Growth Medium | 167.23 | |
| | | Note: Applied with seed. Excludes seed. | | |
| | | *For >45, Deduct* | *-9.76* | |
| 32 92 19 13-0032 | MSF | 4,500 LB/Acre, High Performance - Flexible Growth Medium | 186.04 | |
| | | Note: Applied with seed. Excludes seed. | | |
| | | *For >45, Deduct* | *-10.77* | |

## 32 92 19 19 Seeding by Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

### 32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw.

| | | | | |
|---|---|---|---|---|
| 32 92 19 19-0002 | MSF | Common Bluegrass, Push Spreader Or Hand | 86.48 | |
| | | Note: 4 LB/MSF spread rate. | | |
| | | *For >5 To 20, Deduct* | *-6.04* | |
| | | *For >20 To 45, Deduct* | *-11.64* | |
| | | *For >45, Deduct* | *-18.97* | |
| 32 92 19 19-0003 | MSF | Tall Fescue, Push Spreader Or Hand | 79.04 | |
| | | Note: 5.5 LB/MSF spread rate. | | |
| | | *For >5 To 20, Deduct* | *-5.67* | |
| | | *For >20 To 45, Deduct* | *-11.09* | |
| | | *For >45, Deduct* | *-18.22* | |
| 32 92 19 19-0004 | MSF | Rye, Push Spreader Or Hand | 79.57 | |
| | | Note: 10 LB/MSF spread rate. | | |
| | | *For >5 To 20, Deduct* | *-5.70* | |
| | | *For >20 To 45, Deduct* | *-11.13* | |
| | | *For >45, Deduct* | *-18.27* | |
| 32 92 19 19-0005 | MSF | Shade Mix, Push Spreader Or Hand | 82.25 | |
| | | Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass. | | |
| | | *For >5 To 20, Deduct* | *-5.83* | |
| | | *For >20 To 45, Deduct* | *-11.33* | |
| | | *For >45, Deduct* | *-18.54* | |
| 32 92 19 19-0006 | MSF | Turf Mix, Push Spreader Or Hand | 84.17 | |
| | | Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass. | | |
| | | *For >5 To 20, Deduct* | *-5.93* | |
| | | *For >20 To 45, Deduct* | *-11.47* | |
| | | *For >45, Deduct* | *-18.73* | |
| 32 92 19 19-0007 | MSF | Slope Mix, Push Spreader Or Hand | 81.61 | |
| | | Note: 6 LB/MSF spread rate. | | |
| | | *For >5 To 20, Deduct* | *-5.80* | |
| | | *For >20 To 45, Deduct* | *-11.28* | |
| | | *For >45, Deduct* | *-18.48* | |
| 32 92 19 19-0008 | MSF | Utility Mix, Push Spreader Or Hand | 78.41 | |
| | | Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass. | | |
| | | *For >5 To 20, Deduct* | *-5.64* | |
| | | *For >20 To 45, Deduct* | *-11.04* | |
| | | *For >45, Deduct* | *-18.16* | |
| 32 92 19 19-0009 | MSF | Wild Flower Mix, Push Spreader Or Hand | 72.37 | |
| | | Note: 0.10 LB/MSF spread rate. | | |
| | | *For >5 To 20, Deduct* | *-5.34* | |
| | | *For >20 To 45, Deduct* | *-10.59* | |
| | | *For >45, Deduct* | *-17.55* | |
| 32 92 19 19-0010 | MSF | Crown Vetch Mix, Push Spreader Or Hand | 120.09 | |
| | | Note: 4 LB/MSF spread rate. | | |
| | | *For >5 To 20, Deduct* | *-7.72* | |
| | | *For >20 To 45, Deduct* | *-14.17* | |
| | | *For >45, Deduct* | *-22.33* | |
| 32 92 19 19-0011 | MSF | Athletic Mix, Push Spreader Or Hand | 91.87 | |
| | | Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass. | | |
| | | *For >5 To 20, Deduct* | *-6.31* | |
| | | *For >20 To 45, Deduct* | *-12.05* | |
| | | *For >45, Deduct* | *-19.50* | |
| 32 92 19 19-0012 | MSF | White Clover Mix, Push Spreader Or Hand | 72.31 | |
| | | Note: 7 LB/MSF spread rate. | | |
| | | *For >5 To 20, Deduct* | *-5.34* | |
| | | *For >20 To 45, Deduct* | *-10.58* | |
| | | *For >45, Deduct* | *-17.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 92 19 19-0013 | MSF | Ladino Clover Mix, Push Spreader Or Hand<br>Note: 7 LB/MSF spread rate. | 74.87 | |
| | | *For >5 To 20, Deduct* | *-5.46* | |
| | | *For >20 To 45, Deduct* | *-10.77* | |
| | | *For >45, Deduct* | *-17.80* | |
| 32 92 19 19-0014 | MSF | 100% Kentucky Bluegrass, Push Spreader Or Hand<br>Note: 3.3 LB/MSF spread rate. | 87.70 | |
| | | *For >5 To 20, Deduct* | *-6.10* | |
| | | *For >20 To 45, Deduct* | *-11.74* | |
| | | *For >45, Deduct* | *-19.09* | |
| 32 92 19 19-0015 | MSF | 70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand<br>Note: 3.3 LB/MSF spread rate. | 84.17 | |
| | | *For >5 To 20, Deduct* | *-5.93* | |
| | | *For >20 To 45, Deduct* | *-11.47* | |
| | | *For >45, Deduct* | *-18.73* | |
| 32 92 19 19-0016 | MSF | 50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand<br>Note: 3.3 LB/MSF spread rate. | 81.61 | |
| | | *For >5 To 20, Deduct* | *-5.80* | |
| | | *For >20 To 45, Deduct* | *-11.28* | |
| | | *For >45, Deduct* | *-18.48* | |
| 32 92 19 19-0017 | MSF | 50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand<br>Note: 4.4 LB/MSF spread rate. | 86.74 | |
| | | *For >5 To 20, Deduct* | *-6.06* | |
| | | *For >20 To 45, Deduct* | *-11.66* | |
| | | *For >45, Deduct* | *-18.99* | |
| 32 92 19 19-0018 | MSF | 60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand<br>Note: 3.3 LB/MSF spread rate. | 82.89 | |
| | | *For >5 To 20, Deduct* | *-5.86* | |
| | | *For >20 To 45, Deduct* | *-11.38* | |
| | | *For >45, Deduct* | *-18.61* | |
| 32 92 19 19-0019 | MSF | 40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand<br>Note: 3.3 LB/MSF spread rate. | 84.17 | |
| | | *For >5 To 20, Deduct* | *-5.93* | |
| | | *For >20 To 45, Deduct* | *-11.47* | |
| | | *For >45, Deduct* | *-18.73* | |

### 32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

#### 32 92 23 00-0001 Tall Fescue Sod *(32 92 23)*

| | | | | |
|---|---|---|---|---|
| 32 92 23 00-0002 | MSF | Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground | 1,729.45 | |
| | | *For Hybrid Fescue "Marathon", Add* | *115.27* | |
| 32 92 23 00-0003 | MSF | >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground | 1,410.01 | |
| | | *For Hybrid Fescue "Marathon", Add* | *86.92* | |
| 32 92 23 00-0004 | MSF | >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground | 1,194.61 | |
| | | *For Hybrid Fescue "Marathon", Add* | *72.74* | |
| 32 92 23 00-0005 | MSF | >8,000 SF, Tall Fescue Sod, Installed On Level Ground | 1,022.48 | |
| | | *For Hybrid Fescue "Marathon", Add* | *58.57* | |
| 32 92 23 00-0006 | MSF | Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes | 1,998.68 | |
| | | *For Hybrid Fescue "Marathon", Add* | *115.27* | |
| 32 92 23 00-0007 | MSF | >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes | 1,639.46 | |
| | | *For Hybrid Fescue "Marathon", Add* | *86.92* | |
| 32 92 23 00-0008 | MSF | >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes | 1,352.91 | |
| | | *For Hybrid Fescue "Marathon", Add* | *72.74* | |
| 32 92 23 00-0009 | MSF | >8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes | 1,157.09 | |
| | | *For Hybrid Fescue "Marathon", Add* | *58.57* | |

#### 32 92 23 00-0010 Kentucky Blue Grass Sod *(32 92 23)*

| | | | |
|---|---|---|---|
| 32 92 23 00-0011 | MSF | Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground | 1,471.69 |
| 32 92 23 00-0012 | MSF | >1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground | 1,216.69 |
| 32 92 23 00-0013 | MSF | >4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground | 1,033.51 |
| 32 92 23 00-0014 | MSF | >8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground | 893.61 |
| 32 92 23 00-0015 | MSF | Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes | 1,740.92 |
| 32 92 23 00-0016 | MSF | >1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes | 1,446.14 |
| 32 92 23 00-0017 | MSF | >4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes | 1,191.81 |
| 32 92 23 00-0018 | MSF | >8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes | 1,028.22 |

## 32 93 Plants *(32 90)*

### 32 93 13 Ground Covers *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of ground cover.

#### 32 93 13 00-0001 Ornamental Grasses *(32 93 13)*

| | | | |
|---|---|---|---|
| 32 93 13 00-0002 | EA | 1 Gallon, Cortaderia selloana - Pampas Grass | 30.65 |
| 32 93 13 00-0003 | EA | 2 Gallon, Cortaderia selloana - Pampas Grass | 56.66 |
| 32 93 13 00-0004 | EA | 3 Gallon, Cortaderia selloana - Pampas Grass | 102.97 |
| 32 93 13 00-0005 | EA | 5 Gallon, Cortaderia selloana - Pampas Grass | 187.42 |
| 32 93 13 00-0006 | EA | 1 Quart, Imperata cylindrica - Japanese Blood Grass | 23.46 |
| 32 93 13 00-0007 | EA | 1 Gallon, Imperata cylindrica - Japanese Blood Grass | 31.20 |
| 32 93 13 00-0008 | EA | 2 Gallon, Imperata cylindrica - Japanese Blood Grass | 33.39 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 13 00-0009 | EA | 1 Quart, Koeleria glauca - Blue Hair Grass | 23.40 | |
| 32 93 13 00-0010 | EA | 1 Gallon, Koeleria glauca - Blue Hair Grass | 31.20 | |
| 32 93 13 00-0011 | EA | 3 Gallon, Koeleria glauca - Blue Hair Grass | 75.48 | |
| 32 93 13 00-0012 | EA | 1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass | 29.62 | |
| 32 93 13 00-0013 | EA | 3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass | 38.39 | |
| 32 93 13 00-0014 | EA | 5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass | 73.39 | |
| 32 93 13 00-0015 | EA | 1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass | 27.49 | |
| 32 93 13 00-0016 | EA | 3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass | 43.22 | |
| 32 93 13 00-0017 | EA | 5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass | 73.97 | |
| 32 93 13 00-0018 | EA | 1 Quart, Pennisetum setaceum - Fountain Grass | 25.59 | |
| 32 93 13 00-0019 | EA | 1 Gallon, Pennisetum setaceum - Fountain Grass | 65.10 | |
| 32 93 13 00-0020 | EA | 3 Gallon, Pennisetum setaceum - Fountain Grass | 85.83 | |
| 32 93 13 00-0021 | EA | 1 Gallon, Saccharum ravennae - Ravenna Grass | 81.03 | |
| 32 93 13 00-0022 | EA | 3 Gallon, Saccharum ravennae - Ravenna Grass | 91.02 | |
| 32 93 13 00-0023 | EA | 7 Gallon, Saccharum ravennae - Ravenna Grass | 150.16 | |
| 32 93 13 00-0024 | EA | 1 Gallon, Spartina pectinata - Variegated Cord Grass | 43.99 | |
| 32 93 13 00-0025 | EA | 2 Gallon, Spartina pectinata - Variegated Cord Grass | 65.85 | |
| 32 93 13 00-0026 | EA | 1 Quart, Stipa gigantea - Giant Feather Grass | 33.58 | |
| 32 93 13 00-0027 | EA | 1 Gallon, Stipa gigantea - Giant Feather Grass | 46.80 | |
| 32 93 13 00-0028 | | Ground Covers *(32 93 13)* | | |
| 32 93 13 00-0029 | EA | 1 Gallon Acorus gramineus - Japanese Sweet Flag | 20.24 | |
| 32 93 13 00-0030 | EA | 3" Pot Ajuga reptans - Carpet Bugle | 4.86 | |
| 32 93 13 00-0031 | EA | 1 Quart Ajuga reptans - Carpet Bugle | 8.09 | |
| 32 93 13 00-0032 | EA | 1 Gallon Ajuga reptans - Carpet Bugle | 19.43 | |
| 32 93 13 00-0033 | EA | 24 Plant Flat Ajuga reptans - Carpet Bugle | 83.66 | |
| 32 93 13 00-0034 | EA | 2 Gallon Aristolochia macrophylla - Dutchman's Pipe | 67.47 | |
| 32 93 13 00-0035 | EA | 5 Gallon Aristolochia macrophylla - Dutchman's Pipe | 123.60 | |
| 32 93 13 00-0036 | EA | 1 Quart Arundo donax - Giant Reed | 25.91 | |
| 32 93 13 00-0037 | EA | 1 Gallon Arundo donax - Giant Reed | 37.24 | |
| 32 93 13 00-0038 | EA | 1 Quart Baccharis Pilularis - Dwarf Coyote Bush | 8.10 | |
| 32 93 13 00-0039 | EA | 1 Gallon Baccharis Pilularis - Dwarf Coyote Bush | 14.03 | |
| 32 93 13 00-0040 | EA | 3 Gallon Bougainvillea spectabilis - Bougainvillea | 28.31 | |
| 32 93 13 00-0041 | EA | 1 Gallon Campsis radicans - Trumpet Creeper | 29.69 | |
| 32 93 13 00-0042 | EA | 2 Gallon Campsis radicans - Trumpet Creeper | 44.80 | |
| 32 93 13 00-0043 | EA | 5 Gallon Campsis radicans - Trumpet Creeper | 107.95 | |
| 32 93 13 00-0044 | EA | 1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge | 28.61 | |
| 32 93 13 00-0045 | EA | 1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge | 37.24 | |
| 32 93 13 00-0046 | EA | 1 Quart Carex hachijoensis - Variegated Japanese Sedge | 14.57 | |
| 32 93 13 00-0047 | EA | 1 Gallon Carex hachijoensis - Variegated Japanese Sedge | 20.24 | |
| 32 93 13 00-0048 | EA | 2 Gallon Carex hachijoensis - Variegated Japanese Sedge | 31.58 | |
| 32 93 13 00-0049 | EA | 1 Gallon Cissus antarctica - Kangaroo Vine | 15.65 | |
| 32 93 13 00-0050 | EA | 5 Gallon Cissus antarctica - Kangaroo Vine | 49.12 | |
| 32 93 13 00-0051 | EA | 1 Gallon Cistaceae - Wrinkleleaf Rock Rose | 15.65 | |
| 32 93 13 00-0052 | EA | 5 Gallon Cistaceae - Wrinkleleaf Rock Rose | 53.44 | |
| 32 93 13 00-0053 | EA | 1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed | 15.65 | |
| 32 93 13 00-0054 | EA | 5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed | 56.13 | |
| 32 93 13 00-0055 | EA | 1 Gallon Coprosma kirkii - Prostrate Coprosma | 13.49 | |
| 32 93 13 00-0056 | EA | 5 Gallon Coprosma kirkii - Prostrate Coprosma | 49.12 | |
| 32 93 13 00-0057 | EA | 1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster | 26.45 | |
| 32 93 13 00-0058 | EA | 2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster | 50.20 | |
| 32 93 13 00-0059 | EA | 5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster | 88.52 | |
| 32 93 13 00-0060 | EA | 1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine | 16.73 | |
| 32 93 13 00-0061 | EA | 5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine | 58.83 | |
| 32 93 13 00-0062 | EA | 1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper | 19.27 | |
| 32 93 13 00-0063 | EA | 1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper | 49.94 | |
| 32 93 13 00-0064 | EA | 24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper | 83.66 | |
| 32 93 13 00-0065 | EA | 1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper | 21.05 | |
| 32 93 13 00-0066 | EA | 2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper | 42.10 | |
| 32 93 13 00-0067 | EA | 1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue | 11.34 | |
| 32 93 13 00-0068 | EA | 1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue | 20.24 | |
| 32 93 13 00-0069 | EA | 2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue | 31.58 | |
| 32 93 13 00-0070 | EA | 1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia | 16.73 | |
| 32 93 13 00-0071 | EA | 5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia | 55.05 | |
| 32 93 13 00-0072 | EA | 1 Gallon Gelsemium sempervirens - Carolina Jessamine | 23.32 | |
| 32 93 13 00-0073 | EA | 5 Gallon Gelsemium sempervirens - Carolina Jessamine | 84.20 | |
| 32 93 13 00-0074 | EA | 1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass | 28.61 | |
| 32 93 13 00-0075 | EA | 1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass | 43.18 | |
| 32 93 13 00-0076 | EA | 1 Gallon Hardenbergia violacea - Happy Wanderer | 19.43 | |
| 32 93 13 00-0077 | EA | 5 Gallon Hardenbergia violacea - Happy Wanderer | 64.77 | |
| 32 93 13 00-0078 | EA | 2" To 3" Pot Hedera helix - English Ivy | 4.86 | |
| 32 93 13 00-0079 | EA | 12" To 15" Runners Hedera helix - English Ivy | 8.10 | |
| 32 93 13 00-0080 | EA | 1 Gallon Hedera helix - English Ivy | 19.43 | |
| 32 93 13 00-0081 | EA | 50 Plant Flat Hedera helix - English Ivy | 112.27 | |
| 32 93 13 00-0082 | EA | 3 Gallon Hibiscus, Assorted Colors | 25.31 | |
| 32 93 13 00-0083 | EA | 1 Gallon Hydrangea petiolaris - Climbing Hydrangea | 35.08 | |
| 32 93 13 00-0084 | EA | 2 Gallon Hydrangea petiolaris - Climbing Hydrangea | 65.85 | |
| 32 93 13 00-0085 | EA | 5 Gallon Hydrangea petiolaris - Climbing Hydrangea | 107.95 | |
| 32 93 13 00-0086 | EA | 1 Gallon Hymenocallis latifolia - Spider Lily | 12.56 | |
| 32 93 13 00-0087 | EA | 3 Gallon Hymenocallis latifolia - Spider Lily | 33.51 | |
| 32 93 13 00-0088 | EA | 1 Quart Hypericum perforatum - St. John's Wort | 8.10 | |
| 32 93 13 00-0089 | EA | 1 Gallon Hypericum perforatum - St. John's Wort | 19.43 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 13 00-0090 | EA | 5 Gallon Hypericum perforatum - St. John's Wort | 50.20 | |
| 32 93 13 00-0091 | EA | 1 Quart Iberis sempervirens - Candytuft | 8.10 | |
| 32 93 13 00-0092 | EA | 1 Gallon Iberis sempervirens - Candytuft | 19.43 | |
| 32 93 13 00-0093 | EA | 1 Gallon Ilex cornuta - Dwarf Holly | 14.66 | |
| 32 93 13 00-0094 | EA | 3 Gallon Ilex cornuta - Dwarf Holly | 31.41 | |
| 32 93 13 00-0095 | EA | 1 Gallon Jasminum polyanthum - Winter Jasmine | 19.43 | |
| 32 93 13 00-0096 | EA | 2 Gallon Jasminum polyanthum - Winter Jasmine | 38.86 | |
| 32 93 13 00-0097 | EA | 5 Gallon Jasminum polyanthum - Winter Jasmine | 67.47 | |
| 32 93 13 00-0098 | EA | 1 Gallon Jasminum volubile - Wax Jasmine | 10.20 | |
| 32 93 13 00-0099 | EA | 1 Gallon Jasminum volubile - Wax Jasmine | 25.31 | |
| 32 93 13 00-0100 | EA | 1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper | 12.71 | |
| 32 93 13 00-0101 | EA | 3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper | 28.31 | |
| 32 93 13 00-0102 | EA | 2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper | 47.14 | |
| 32 93 13 00-0103 | EA | 1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper | 21.96 | |
| 32 93 13 00-0104 | EA | 1 Gallon Juniperus Horizontalis - Prostrate Juniper | 22.13 | |
| 32 93 13 00-0105 | EA | 3 Gallon Juniperus Horizontalis - Prostrate Juniper | 47.50 | |
| 32 93 13 00-0106 | EA | 5 Gallon Juniperus Horizontalis - Prostrate Juniper | 70.17 | |
| 32 93 13 00-0107 | EA | 1 Gallon Lantana spp. Various Colors | 11.46 | |
| 32 93 13 00-0108 | EA | 4" Pot Lantana camera - Common Lantana | 4.86 | |
| 32 93 13 00-0109 | EA | 1 Gallon Lantana camera - Common Lantana | 14.03 | |
| 32 93 13 00-0110 | EA | 1 Gallon Lantana sellowiana - Trailing Lantana | 7.54 | |
| 32 93 13 00-0111 | EA | 4" Pot Lavandula angustifolia - English Lavender | 7.02 | |
| 32 93 13 00-0112 | EA | 1 Quart Lavandula angustifolia - English Lavender | 13.49 | |
| 32 93 13 00-0113 | EA | 1 Gallon Lavandula angustifolia - English Lavender | 22.13 | |
| 32 93 13 00-0114 | EA | 1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum | 11.46 | |
| 32 93 13 00-0115 | EA | 1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum | 14.45 | |
| 32 93 13 00-0116 | EA | 3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum | 23.11 | |
| 32 93 13 00-0117 | EA | 1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope | 9.06 | |
| 32 93 13 00-0118 | EA | 1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf | 22.13 | |
| 32 93 13 00-0119 | EA | 2 Quart Liriope spicata - Creeping Lilytuft | 14.03 | |
| 32 93 13 00-0120 | EA | 1 Gallon Liriope spicata - Creeping Lilytuft | 25.37 | |
| 32 93 13 00-0121 | EA | 5 Gallon Liriope spicata - Creeping Lilytuft | 53.44 | |
| 32 93 13 00-0122 | EA | Bare Root Liriope spicata - Creeping Liriope | 3.54 | |
| 32 93 13 00-0123 | EA | 1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle | 22.13 | |
| 32 93 13 00-0124 | EA | 2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle | 42.10 | |
| 32 93 13 00-0125 | EA | 3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle | 4.86 | |
| 32 93 13 00-0126 | EA | 1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle | 22.13 | |
| 32 93 13 00-0127 | EA | 2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle | 42.10 | |
| 32 93 13 00-0128 | EA | 2 Quart Lysimachia nummularia - Creeping Jenny | 8.10 | |
| 32 93 13 00-0129 | EA | 1 Gallon Lysimachia nummularia - Creeping Jenny | 15.65 | |
| 32 93 13 00-0130 | EA | 1 Gallon Macfadyena unguis-cati - Cat Claw Vine | 19.43 | |
| 32 93 13 00-0131 | EA | 5 Gallon Macfadyena unguis-cati - Cat Claw Vine | 84.20 | |
| 32 93 13 00-0132 | EA | 1 Quart Moss Phlox, Creeping Phlox | 8.10 | |
| 32 93 13 00-0133 | EA | 1 Gallon Moss Phlox, Creeping Phlox | 19.43 | |
| 32 93 13 00-0134 | EA | 1 Gallon Nephrolepis exaltata - Common Boston Fern | 10.20 | |
| 32 93 13 00-0135 | EA | 1 Quart Nepeta mussinii - Persian Catmint | 8.10 | |
| 32 93 13 00-0136 | EA | 1 Gallon Nepeta mussinii - Persian Catmint | 16.73 | |
| 32 93 13 00-0137 | EA | 4" Pot Ophiopogon Japonicus - Mondo grass | 4.86 | |
| 32 93 13 00-0138 | EA | 1 Gallon Ophiopogon Japonicus - Mondo grass | 19.43 | |
| 32 93 13 00-0139 | EA | 5 Gallon Ophiopogon Japonicus - Mondo grass | 44.80 | |
| 32 93 13 00-0140 | EA | 2' To 3' High Oregon Holly-Grape | 22.43 | |
| 32 93 13 00-0141 | EA | 1 Gallon Pachysandra terminalis - Pachysandra | 29.22 | |
| 32 93 13 00-0142 | EA | 4" Pot Parthenocissus tricuspidata - Boston Ivy | 10.79 | |
| 32 93 13 00-0143 | EA | 1 Gallon Parthenocissus tricuspidata - Boston Ivy | 24.61 | |
| 32 93 13 00-0144 | EA | 5 Gallon Parthenocissus tricuspidata - Boston Ivy | 67.36 | |
| 32 93 13 00-0145 | EA | 3" Pot Parthenocissus quinquefolia - Virginia Creeper | 4.86 | |
| 32 93 13 00-0146 | EA | 1 Gallon Parthenocissus quinquefolia - Virginia Creeper | 25.37 | |
| 32 93 13 00-0147 | EA | 1 Gallon Ranunculaceae - Clematis Varieties | 27.89 | |
| 32 93 13 00-0148 | EA | 2 Gallon Ranunculaceae - Clematis Varieties | 51.58 | |
| 32 93 13 00-0149 | EA | 3 Gallon Rhaphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn | 31.41 | |
| 32 93 13 00-0150 | EA | 3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary | 4.86 | |
| 32 93 13 00-0151 | EA | 1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary | 19.43 | |
| 32 93 13 00-0152 | EA | 2-1/4" Pot Securigera varia - Crown Vetch | 3.24 | |
| 32 93 13 00-0153 | EA | 50 Plant Flat Securigera varia - Crown Vetch | 109.57 | |
| 32 93 13 00-0154 | EA | 1 Quart Senecio cineraria - Dusty Miller | 8.10 | |
| 32 93 13 00-0155 | EA | 1 Gallon Senecio cineraria - Dusty Miller | 19.43 | |
| 32 93 13 00-0156 | EA | 1 Quart Stachys byzantina - Lamb's Ear | 8.10 | |
| 32 93 13 00-0157 | EA | 1 Quart Stachys byzantina - Lamb's Ear | 19.43 | |
| 32 93 13 00-0158 | EA | 1 Gallon Tradescantia spathacea - Dwarf Oyster Plant | 10.47 | |
| 32 93 13 00-0159 | EA | 1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf" | 10.20 | |
| 32 93 13 00-0160 | EA | 24" To 30" High Viburnum awabuki - Sweet Viburnum | 68.31 | |
| 32 93 13 00-0161 | EA | 2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena | 10.26 | |
| 32 93 13 00-0162 | EA | 1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena | 15.65 | |
| 32 93 13 00-0163 | EA | 2-1/4" Pot Vinca minor - Periwinkle | 2.70 | |
| 32 93 13 00-0164 | EA | 4" Pot Vinca minor - Periwinkle | 8.10 | |
| 32 93 13 00-0165 | EA | Bare Root Vinca minor - Periwinkle | 2.70 | |
| 32 93 13 00-0166 | EA | 48 Plant Flat Vinca minor - Lesser Periwinkle | 96.20 | |
| 32 93 13 00-0167 | EA | 2-1/4" Pot Vinca major - Variegated Greater Periwinkle | 2.70 | |
| 32 93 13 00-0168 | EA | 4" Pot Vinca major - Variegated Greater Periwinkle | 8.10 | |
| 32 93 13 00-0169 | EA | Bare Root Vinca major - Variegated Greater Periwinkle | 2.70 | |
| 32 93 13 00-0170 | EA | 1 Quart Waldsteinia ternata - Barren Strawberry | 8.10 | |
| 32 93 13 00-0171 | EA | 1 Gallon Waldsteinia ternata - Barren Strawberry | 19.43 | |
| 32 93 13 00-0172 | EA | 1 Gallon Wisteria sinensis - Chinese Wisteria Vine | 25.37 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 13 00-0173 | EA | 3 Gallon Wisteria sinensis - Chinese Wisteria Vine | 56.14 | |
| 32 93 13 00-0174 | EA | 5 Gallon Wisteria sinensis - Chinese Wisteria Vine | 84.20 | |

## 32 93 23 Plants and Bulbs *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of bulbs and annuals.

### 32 93 23 00-0001 Perennials *(32 93 23)*

| | | | | |
|---|---|---|---|---|
| 32 93 23 00-0002 | EA | 2 Quart Assorted Daylilies | 15.65 | |
| 32 93 23 00-0003 | EA | 1 Gallon Assorted Daylilies | 22.13 | |
| 32 93 23 00-0004 | EA | 2 Gallon Assorted Daylilies | 36.70 | |
| 32 93 23 00-0005 | EA | 1 Quart Azure Penstemon | 8.09 | |
| 32 93 23 00-0006 | EA | 1 Gallon Azure Penstemon | 20.24 | |
| 32 93 23 00-0007 | EA | 1 Quart Balloon Flower | 8.09 | |
| 32 93 23 00-0008 | EA | 1 Gallon Balloon Flower | 20.24 | |
| 32 93 23 00-0009 | EA | 1 Quart Black-eyed Susan | 8.09 | |
| 32 93 23 00-0010 | EA | 1 Gallon Black-eyed Susan | 20.24 | |
| 32 93 23 00-0011 | EA | 2 Gallon Black-eyed Susan | 26.18 | |
| 32 93 23 00-0012 | EA | 1 Quart Blackberry Lily | 8.09 | |
| 32 93 23 00-0013 | EA | 1 Gallon Blackberry Lily | 20.24 | |
| 32 93 23 00-0014 | EA | 1 Quart Blank Flower | 8.09 | |
| 32 93 23 00-0015 | EA | 1 Gallon Blank Flower | 18.62 | |
| 32 93 23 00-0016 | EA | 2 Gallon Blank Flower | 26.18 | |
| 32 93 23 00-0017 | EA | 1 Quart Blazing Star, Gayfeather | 8.09 | |
| 32 93 23 00-0018 | EA | 1 Gallon Blazing Star, Gayfeather | 20.24 | |
| 32 93 23 00-0019 | EA | 1 Quart Bloodred Geranium | 13.76 | |
| 32 93 23 00-0020 | EA | 1 Gallon Bloodred Geranium | 23.21 | |
| 32 93 23 00-0021 | EA | 1 Quart Blue Plumbago | 8.09 | |
| 32 93 23 00-0022 | EA | 1 Gallon Blue Plumbago | 20.24 | |
| 32 93 23 00-0023 | EA | 1 Quart Blue Star | 14.57 | |
| 32 93 23 00-0024 | EA | 1 Gallon Blue Star | 23.21 | |
| 32 93 23 00-0025 | EA | 1 Quart Cardinal Flower | 8.09 | |
| 32 93 23 00-0026 | EA | 1 Gallon Cardinal Flower | 20.24 | |
| 32 93 23 00-0027 | EA | 4" Pot Columbine | 4.86 | |
| 32 93 23 00-0028 | EA | 1 Quart Columbine | 8.09 | |
| 32 93 23 00-0029 | EA | 1 Gallon Columbine | 20.24 | |
| 32 93 23 00-0030 | EA | 1 Quart Common Globeflower | 8.09 | |
| 32 93 23 00-0031 | EA | 1 Gallon Common Globeflower | 20.24 | |
| 32 93 23 00-0032 | EA | 1 Quart Cottage Pink, Scotch Pink | 8.09 | |
| 32 93 23 00-0033 | EA | 1 Quart Cottage Pink, Scotch Pink | 20.24 | |
| 32 93 23 00-0034 | EA | 1 Gallon Astilbe 'Deutschland' | 29.15 | |
| 32 93 23 00-0035 | EA | 1 Quart Diploid | 10.26 | |
| 32 93 23 00-0036 | EA | 1 Gallon Diploid | 23.21 | |
| 32 93 23 00-0037 | EA | 3 Gallon Diploid | 39.94 | |
| 32 93 23 00-0038 | EA | 4" Pot Dune Sunflower | 11.56 | |
| 32 93 23 00-0039 | EA | 1 Quart Evans Begonia | 14.57 | |
| 32 93 23 00-0040 | EA | 1 Gallon Evans Begonia | 26.18 | |
| 32 93 23 00-0041 | EA | 1 Quart False Dragonhead | 8.09 | |
| 32 93 23 00-0042 | EA | 1 Gallon False Dragonhead | 20.24 | |
| 32 93 23 00-0043 | EA | 1 Quart False Spirea | 8.09 | |
| 32 93 23 00-0044 | EA | 1 Gallon False Spirea | 26.18 | |
| 32 93 23 00-0045 | EA | 3 Gallon False Spirea | 36.16 | |
| 32 93 23 00-0046 | EA | 2 Quart False Sunflower | 12.95 | |
| 32 93 23 00-0047 | EA | 1 Gallon False Sunflower | 20.24 | |
| 32 93 23 00-0048 | EA | 2 Gallon False Sunflower | 26.18 | |
| 32 93 23 00-0049 | EA | 1 Gallon Foxglove | 18.62 | |
| 32 93 23 00-0050 | EA | 2 Gallon Foxglove | 26.18 | |
| 32 93 23 00-0051 | EA | 3 Gallon Foxglove | 37.78 | |
| 32 93 23 00-0052 | EA | 1 Gallon Francee Hostas | 32.78 | |
| 32 93 23 00-0053 | EA | 1 Quart Garden Phlox | 8.09 | |
| 32 93 23 00-0054 | EA | 1 Gallon Garden Phlox | 20.24 | |
| 32 93 23 00-0055 | EA | 2 Quart Golden Groundsel | 17.27 | |
| 32 93 23 00-0056 | EA | 2 Gallon Golden Groundsel | 34.82 | |
| 32 93 23 00-0057 | EA | 1 Quart Golden Star | 8.09 | |
| 32 93 23 00-0058 | EA | 1 Gallon Golden Star | 20.24 | |
| 32 93 23 00-0059 | EA | 1 Quart Goldenrod | 8.09 | |
| 32 93 23 00-0060 | EA | 1 Gallon Goldenrod | 20.24 | |
| 32 93 23 00-0061 | EA | 1 Gallon Happy Returns Daylillies | 37.70 | |
| 32 93 23 00-0062 | EA | 4" Pot Hardy Aster, Michaelmas Daisy | 4.86 | |
| 32 93 23 00-0063 | EA | 1 Quart Hardy Aster, Michaelmas Daisy | 8.09 | |
| 32 93 23 00-0064 | EA | 1 Gallon Hardy Aster, Michaelmas Daisy | 20.24 | |
| 32 93 23 00-0065 | EA | 1 Quart Hardy Chrysanthemum | 7.02 | |
| 32 93 23 00-0066 | EA | 6" To 8" Pot Hardy Chrysanthemum | 11.61 | |
| 32 93 23 00-0067 | EA | 1 Gallon Hardy Chrysanthemum | 18.62 | |
| 32 93 23 00-0068 | EA | 1 Gallon Herbaceous Peony | 28.88 | |
| 32 93 23 00-0069 | EA | 2 Gallon Herbaceous Peony | 46.15 | |
| 32 93 23 00-0070 | EA | 3 Gallon Herbaceous Peony | 60.73 | |
| 32 93 23 00-0071 | EA | 4" Pot Japanese Anemone | 4.86 | |
| 32 93 23 00-0072 | EA | 1 Quart Japanese Anemone | 14.57 | |
| 32 93 23 00-0073 | EA | 2 Gallon Japanese Anemone | 26.18 | |
| 32 93 23 00-0074 | EA | 2" Pot Japanese Spurge | 2.88 | |
| 32 93 23 00-0075 | EA | 6" Pot Japanese Spurge | 4.32 | |
| 32 93 23 00-0076 | EA | 1 Gallon Japanese Spurge | 18.59 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 23 00-0077 | EA | 1 Quart Oriental Poppy | 11.61 | |
| 32 93 23 00-0078 | EA | 1 Gallon Oriental Poppy | 23.21 | |
| 32 93 23 00-0079 | EA | 48 Plant Flat Pachysandra terminalis | 96.20 | |
| 32 93 23 00-0080 | EA | 1 Gallon Pacific Coast Iris | 15.92 | |
| 32 93 23 00-0081 | EA | 3 Gallon Pacific Coast Iris | 30.23 | |
| 32 93 23 00-0082 | EA | 1 Gallon Palace Purple Coral Bells | 30.65 | |
| 32 93 23 00-0083 | EA | 4" Pot Perennial Salvia | 4.86 | |
| 32 93 23 00-0084 | EA | 1 Quart Perennial Salvia | 8.09 | |
| 32 93 23 00-0085 | EA | 1 Gallon Perennial Salvia | 20.24 | |
| 32 93 23 00-0086 | EA | 1 Quart Pincushion Flower | 8.09 | |
| 32 93 23 00-0087 | EA | 1 Gallon Pincushion Flower | 20.24 | |
| 32 93 23 00-0088 | EA | 2 Quart Plantain Lily | 15.65 | |
| 32 93 23 00-0089 | EA | 1 Gallon Plantain Lily | 22.13 | |
| 32 93 23 00-0090 | EA | 2 Gallon Plantain Lily | 36.70 | |
| 32 93 23 00-0091 | EA | 3 Gallon Plantain Lily | 69.36 | |
| 32 93 23 00-0092 | EA | 2 Quart Purple Coneflower | 14.57 | |
| 32 93 23 00-0093 | EA | 1 Gallon Purple Coneflower | 20.24 | |
| 32 93 23 00-0094 | EA | 2 Gallon Purple Coneflower | 26.18 | |
| 32 93 23 00-0095 | EA | 1 Quart Purple Loosestrife | 8.09 | |
| 32 93 23 00-0096 | EA | 1 Gallon Purple Loosestrife | 20.24 | |
| 32 93 23 00-0097 | EA | 1 Quart Rose Mallow | 15.92 | |
| 32 93 23 00-0098 | EA | 2 Gallon Rose Mallow | 28.88 | |
| 32 93 23 00-0099 | EA | 3 Gallon Rose Mallow | 49.39 | |
| 32 93 23 00-0100 | EA | 1 Gallon Autumn Joy Sedum | 30.86 | |
| 32 93 23 00-0101 | EA | 1 Quart Siberian Iris | 13.76 | |
| 32 93 23 00-0102 | EA | 2 Gallon Siberian Iris | 26.18 | |
| 32 93 23 00-0103 | EA | 3 Gallon Siberian Iris | 36.16 | |
| 32 93 23 00-0104 | EA | 1 Quart Speedwell | 8.09 | |
| 32 93 23 00-0105 | EA | 1 Gallon Speedwell | 20.24 | |
| 32 93 23 00-0106 | EA | 1 Quart Tetraploid | 20.24 | |
| 32 93 23 00-0107 | EA | 1 Gallon Tetraploid | 37.78 | |
| 32 93 23 00-0108 | EA | 3 Gallon Tetraploid | 51.55 | |
| 32 93 23 00-0109 | EA | 1 Quart Threadleaf Coreopsis | 8.09 | |
| 32 93 23 00-0110 | EA | 1 Gallon Threadleaf Coreopsis | 20.24 | |
| 32 93 23 00-0111 | EA | 1 Quart Torch Lily | 8.09 | |
| 32 93 23 00-0112 | EA | 1 Quart Bluebeard | 14.57 | |
| 32 93 23 00-0113 | EA | 1 Gallon Bluebeard | 21.59 | |
| 32 93 23 00-0114 | EA | 2 Gallon Bluebeard | 31.58 | |
| **32 93 23 00-0115** | | **Annuals** *(32 93 23)* | | |
| 32 93 23 00-0116 | EA | 2-1/2" Pot Annual Flowers | 3.76 | |
| 32 93 23 00-0117 | EA | 3" Pot Annual Flowers | 5.08 | |
| 32 93 23 00-0118 | EA | 4" Pot Annual Flowers | 10.86 | |
| 32 93 23 00-0119 | EA | 5-1/2" Pot Annual Flowers | 14.44 | |
| 32 93 23 00-0120 | EA | 6" Pot Annual Flowers | 28.60 | |
| 32 93 23 00-0121 | EA | 8" Pot Annual Flowers | 47.67 | |
| 32 93 23 00-0122 | EA | 36 Plant Flat Annual Flowers | 62.40 | |
| 32 93 23 00-0123 | EA | 48 Plant Flat Annual Flowers | 70.78 | |
| **32 93 23 00-0124** | | **Bulbs** *(32 93 23)* | | |
| 32 93 23 00-0125 | EA | Top Size Allium giganteum - Giant Ornamental Onion | 13.06 | |
| 32 93 23 00-0126 | EA | Top Size Allium sphaerocephalum - Drumstick Ornamental Onion | 0.75 | |
| 32 93 23 00-0127 | EA | Top Size Crocus Hybrid | 0.85 | |
| 32 93 23 00-0128 | EA | Top Size Eranthis hyemalis - Winter Aconite | 1.11 | |
| 32 93 23 00-0129 | EA | Top Size Galanthus nivalis - Snowdrops | 1.41 | |
| 32 93 23 00-0130 | EA | Top Size Iris reticulata cvs - Dutch Iris | 0.55 | |
| 32 93 23 00-0131 | EA | Top Size Muscari armeniacum - Grape Hyacinth | 0.65 | |
| 32 93 23 00-0132 | EA | Top Size Muscari latifolium - Grape Hyacinth | 0.75 | |
| 32 93 23 00-0133 | EA | Narcissus 'Carlton' - Carlton Daffodil DNI | 4.52 | |
| 32 93 23 00-0134 | EA | Narcissus 'Dutch Master' - Dutch Master Daffodil DNI | 2.16 | |
| 32 93 23 00-0135 | EA | Narcissus 'February Gold' - February Gold Daffodil DNI | 2.26 | |
| 32 93 23 00-0136 | EA | Narcissus 'Ice Follies' - Ice Follies Daffodil DNI | 2.26 | |
| 32 93 23 00-0137 | EA | Narcissus 'Mount Hood' - Mount Hood Daffodil DNI | 2.36 | |
| 32 93 23 00-0138 | EA | Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI | 2.51 | |
| 32 93 23 00-0139 | EA | Narcissus 'Pipit' - Pipit Daffodil DNI | 2.36 | |
| 32 93 23 00-0140 | EA | Narcissus 'Salome' - Salome Daffodil DNI | 2.21 | |
| 32 93 23 00-0141 | EA | Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI | 2.36 | |
| 32 93 23 00-0142 | EA | Narcissus 'Thalia' - Thalia Daffodil DNI | 2.36 | |
| 32 93 23 00-0143 | EA | Top Size Scilla siberica - Siberian Squill | 0.70 | |
| 32 93 23 00-0144 | EA | Top Size Tulip 'Angelique' - Angelique Tulip | 2.01 | |
| 32 93 23 00-0145 | EA | Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip | 1.51 | |
| 32 93 23 00-0146 | EA | Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip | 2.01 | |
| 32 93 23 00-0147 | EA | Top Size Tulip 'Big Smile' - Big Smile Tulip | 1.76 | |
| 32 93 23 00-0148 | EA | Top Size Tulip 'Black Parrot' - Black Parrot Tulip | 2.51 | |
| 32 93 23 00-0149 | EA | Top Size Tulip 'Blue Heron' - Blue Heron Tulip | 1.91 | |
| 32 93 23 00-0150 | EA | Top Size Tulip 'Cardinal' - Cardinal Tulip | 1.66 | |
| 32 93 23 00-0151 | EA | Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip | 1.86 | |
| 32 93 23 00-0152 | EA | Top Size Tulip clusiana - Species Tulip | 1.86 | |
| 32 93 23 00-0153 | EA | Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip | 1.86 | |
| 32 93 23 00-0154 | EA | Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip | 1.51 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 23 00-0155 | EA | Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip | 1.46 | |
| 32 93 23 00-0156 | EA | Top Size Tulip 'Halcro' - Halcro Tulip | 1.51 | |
| 32 93 23 00-0157 | EA | Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip | 2.51 | |
| 32 93 23 00-0158 | EA | Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip | 1.51 | |
| 32 93 23 00-0159 | EA | Top Size Tulip 'Passionale' - Passionale Tulip | 2.01 | |
| 32 93 23 00-0160 | EA | Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip | 2.16 | |
| 32 93 23 00-0161 | EA | Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip | 2.26 | |
| 32 93 23 00-0162 | EA | Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip | 1.81 | |
| 32 93 23 00-0163 | EA | Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip | 1.71 | |
| 32 93 23 00-0164 | EA | Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip | 1.86 | |
| 32 93 23 00-0165 | EA | Top Size Tulip 'Princeps' - Princeps Tulip | 1.86 | |
| 32 93 23 00-0166 | EA | Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip | 1.46 | |
| 32 93 23 00-0167 | EA | Top Size Tulip saxatilis - Species Tulip | 1.00 | |
| 32 93 23 00-0168 | EA | Top Size Tulip 'Shirley - Shirley Tulip | 1.51 | |
| 32 93 23 00-0169 | EA | Top Size Tulip 'Spring Green' - Spring Green Tulip | 1.96 | |
| 32 93 23 00-0170 | EA | Top Size Tulip 'White Emperor' - White Emperor Tulip | 1.51 | |

## 32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0033 for installation and planting of shurbs.

32 93 33 00-0001 Shrubs *(32 93 33)*

| | | | | |
|---|---|---|---|---|
| 32 93 33 00-0002 | EA | 1 Gallon Abelia x grandiflora - Abelia | 14.56 | |
| 32 93 33 00-0003 | EA | 3 Gallon Abelia x grandiflora - Abelia | 29.64 | |
| 32 93 33 00-0004 | EA | 5 Gallon Abelia x grandiflora - Abelia | 56.90 | |
| 32 93 33 00-0005 | EA | 3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye | 87.68 | |
| 32 93 33 00-0006 | EA | 18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye | 128.14 | |
| 32 93 33 00-0007 | EA | 24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye | 142.98 | |
| 32 93 33 00-0008 | EA | 30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye | 180.75 | |
| 32 93 33 00-0009 | EA | 36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye | 200.98 | |
| 32 93 33 00-0010 | EA | 18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye | 40.47 | |
| 32 93 33 00-0011 | EA | 24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye | 53.95 | |
| 32 93 33 00-0012 | EA | 30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye | 67.44 | |
| 32 93 33 00-0013 | EA | 36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry | 37.24 | |
| 32 93 33 00-0014 | EA | 42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry | 43.82 | |
| 32 93 33 00-0015 | EA | 48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry | 52.58 | |
| 32 93 33 00-0016 | EA | 60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry | 61.34 | |
| 32 93 33 00-0017 | EA | 72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry | 74.49 | |
| 32 93 33 00-0018 | EA | 36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry | 36.15 | |
| 32 93 33 00-0019 | EA | 42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry | 38.34 | |
| 32 93 33 00-0020 | EA | 48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry | 40.53 | |
| 32 93 33 00-0021 | EA | 60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry | 46.01 | |
| 32 93 33 00-0022 | EA | 36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry | 36.70 | |
| 32 93 33 00-0023 | EA | 42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry | 38.89 | |
| 32 93 33 00-0024 | EA | 48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry | 41.08 | |
| 32 93 33 00-0025 | EA | 60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry | 43.27 | |
| 32 93 33 00-0026 | EA | 1 Gallon Aspidistra elatior - Cast Iron Plant | 7.53 | |
| 32 93 33 00-0027 | EA | 2 Gallon Aspidistra elatior - Cast Iron Plant | 17.42 | |
| 32 93 33 00-0028 | EA | 1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant | 8.83 | |
| 32 93 33 00-0029 | EA | 3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant | 19.42 | |
| 32 93 33 00-0030 | EA | 5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant | 26.24 | |
| 32 93 33 00-0031 | EA | 1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush | 9.41 | |
| 32 93 33 00-0032 | EA | 2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush | 13.77 | |
| 32 93 33 00-0033 | EA | 15" To 18" Berberis - Northern Bayberry | 39.30 | |
| 32 93 33 00-0034 | EA | 2' To 2-1/2' Berberis - Northern Bayberry | 49.89 | |
| 32 93 33 00-0035 | EA | 2-1/2' To 3' Berberis - Northern Bayberry | 69.90 | |
| 32 93 33 00-0036 | EA | 18" To 24" Berberis julianae - Dwarf Wintergreen Barberry | 42.01 | |
| 32 93 33 00-0037 | EA | 2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry | 53.78 | |
| 32 93 33 00-0038 | EA | 2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry | 68.72 | |
| 32 93 33 00-0039 | EA | 1 Gallon Berberis thunbergii - Crimson Pygmy Barberry | 11.30 | |
| 32 93 33 00-0040 | EA | 2 Gallon Berberis thunbergii - Crimson Pygmy Barberry | 22.24 | |
| 32 93 33 00-0041 | EA | 3 Gallon Berberis thunbergii - Crimson Pygmy Barberry | 27.18 | |
| 32 93 33 00-0042 | EA | 1 Gallon Berberis x mentorensis - Mentor Barberry | 10.71 | |
| 32 93 33 00-0043 | EA | 5 Gallon Berberis x mentorensis - Mentor Barberry | 30.24 | |
| 32 93 33 00-0044 | EA | 2' To 3' Berberis x mentorensis - Mentor Barberry | 42.01 | |
| 32 93 33 00-0045 | EA | 3' To 4' Berberis x mentorensis - Mentor Barberry | 64.84 | |
| 32 93 33 00-0046 | EA | 1 Gallon Buxus microphylla japonica - Japanese Boxwood | 12.24 | |
| 32 93 33 00-0047 | EA | 5 Gallon Buxus microphylla japonica - Japanese Boxwood | 32.83 | |
| 32 93 33 00-0048 | EA | 12" To 15" Buxus microphylla japonica - Japanese Boxwood | 34.95 | |
| 32 93 33 00-0049 | EA | 15" To 18" Buxus microphylla japonica - Japanese Boxwood | 44.95 | |
| 32 93 33 00-0050 | EA | 18" To 24" Buxus microphylla japonica - Japanese Boxwood | 59.90 | |
| 32 93 33 00-0051 | EA | 24" To 30" Buxus microphylla japonica - Japanese Boxwood | 89.90 | |
| 32 93 33 00-0052 | EA | 30" To 36" Buxus microphylla japonica - Japanese Boxwood | 124.85 | |
| 32 93 33 00-0053 | EA | 12" To 15" Buxus sempervirens - Common Boxwood | 34.95 | |
| 32 93 33 00-0054 | EA | 15" To 18" Buxus sempervirens - Common Boxwood | 44.95 | |
| 32 93 33 00-0055 | EA | 18" To 24" Buxus sempervirens - Common Boxwood | 59.90 | |
| 32 93 33 00-0056 | EA | 24" To 30" Buxus sempervirens - Common Boxwood | 89.90 | |
| 32 93 33 00-0057 | EA | 2 Gallon Buxus Hybrid - Boxwood Cultivars | 23.00 | |
| 32 93 33 00-0058 | EA | 5 Gallon Buxus Hybrid - Boxwood Cultivars | 38.34 | |
| 32 93 33 00-0059 | EA | 5 Gallon Buxus microphylla & cvs - Little leaf Boxwood | 100.78 | |
| 32 93 33 00-0060 | EA | 18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood | 54.77 | |
| 32 93 33 00-0061 | EA | 24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood | 74.49 | |
| 32 93 33 00-0062 | EA | 30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood | 100.78 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0063 | EA | 5 Gallon Calycanthus floridus - Common Sweetshrub | 36.15 | |
| 32 93 33 00-0064 | EA | 30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub | 32.86 | |
| 32 93 33 00-0065 | EA | 36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub | 43.82 | |
| 32 93 33 00-0066 | EA | 1 Gallon Camellia "Sasanqua" - Camellia | 10.62 | |
| 32 93 33 00-0067 | EA | 3 Gallon Camellia "Sasanqua" - Camellia | 22.66 | |
| 32 93 33 00-0068 | EA | 5 Gallon Camellia "Sasanqua" - Camellia | 37.68 | |
| 32 93 33 00-0069 | EA | 7 Gallon Camellia "Sasanqua" - Camellia | 56.11 | |
| 32 93 33 00-0070 | EA | 15 Gallon Camellia "Sasanqua" - Camellia | 145.58 | |
| 32 93 33 00-0071 | EA | 1 Gallon Camellia japonica - Camellia | 10.62 | |
| 32 93 33 00-0072 | EA | 3 Gallon Camellia japonica - Camellia | 22.66 | |
| 32 93 33 00-0073 | EA | 5 Gallon Camellia japonica - Camellia | 37.68 | |
| 32 93 33 00-0074 | EA | 5 Gallon Ceanothus americanus - New Jersey Tea | 36.15 | |
| 32 93 33 00-0075 | EA | 5 Gallon Celastrus scandens - Bittersweet | 36.15 | |
| 32 93 33 00-0076 | EA | 36" Balled and Burlapped, Celastrus scandens - Bittersweet | 30.67 | |
| 32 93 33 00-0077 | EA | 5 Gallon Cephalanthus occidentalis - Buttonbush | 36.15 | |
| 32 93 33 00-0078 | EA | 24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush | 27.38 | |
| 32 93 33 00-0079 | EA | 30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush | 30.67 | |
| 32 93 33 00-0080 | EA | 36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush | 32.86 | |
| 32 93 33 00-0081 | EA | 18" To 24" Chaenomeles speciosa - Flowering Quince | 31.54 | |
| 32 93 33 00-0082 | EA | 2' To 3' Chaenomeles speciosa - Flowering Quince | 42.01 | |
| 32 93 33 00-0083 | EA | 3' To 4' Chaenomeles speciosa - Flowering Quince | 64.84 | |
| 32 93 33 00-0084 | EA | 3 Gallon Clethra alnifolia & cvs - Summersweet Clethra | 35.05 | |
| 32 93 33 00-0085 | EA | 18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra | 37.79 | |
| 32 93 33 00-0086 | EA | 24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra | 42.17 | |
| 32 93 33 00-0087 | EA | 30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra | 44.36 | |
| 32 93 33 00-0088 | EA | 36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra | 52.03 | |
| 32 93 33 00-0089 | EA | 2' To 3' Cornus mas - Cornelian Cherry | 49.89 | |
| 32 93 33 00-0090 | EA | 3' To 4' Cornus mas - Cornelian Cherry | 62.37 | |
| 32 93 33 00-0091 | EA | 4' To 5' Cornus mas - Cornelian Cherry | 79.90 | |
| 32 93 33 00-0092 | EA | 5' To 6' Cornus mas - Cornelian Cherry | 109.79 | |
| 32 93 33 00-0093 | EA | 5 Gallon Cornus alba & cvs - Tartarian Dogwood | 32.86 | |
| 32 93 33 00-0094 | EA | 36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood | 23.00 | |
| 32 93 33 00-0095 | EA | 48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood | 26.29 | |
| 32 93 33 00-0096 | EA | 60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood | 32.86 | |
| 32 93 33 00-0097 | EA | 72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood | 39.43 | |
| 32 93 33 00-0098 | EA | 36" Balled and Burlapped, Cornus amomum - Silky Dogwood | 32.86 | |
| 32 93 33 00-0099 | EA | 5 Gallon Cornus obliqua - Blue Fruited Dogwood | 36.15 | |
| 32 93 33 00-0100 | EA | 5 Gallon Cornus racemosa - Gray Dogwood | 36.15 | |
| 32 93 33 00-0101 | EA | 36" Balled and Burlapped, Cornus racemosa - Gray Dogwood | 32.86 | |
| 32 93 33 00-0102 | EA | 48" Balled and Burlapped, Cornus racemosa - Gray Dogwood | 38.34 | |
| 32 93 33 00-0103 | EA | 60" Balled and Burlapped, Cornus racemosa - Gray Dogwood | 41.62 | |
| 32 93 33 00-0104 | EA | 72" Balled and Burlapped, Cornus racemosa - Gray Dogwood | 50.39 | |
| 32 93 33 00-0105 | EA | 36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood | 35.60 | |
| 32 93 33 00-0106 | EA | 48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood | 39.98 | |
| 32 93 33 00-0107 | EA | 60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood | 45.46 | |
| 32 93 33 00-0108 | EA | 24" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood | 28.48 | |
| 32 93 33 00-0109 | EA | 30" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood | 32.86 | |
| 32 93 33 00-0110 | EA | 36" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood | 35.05 | |
| 32 93 33 00-0111 | EA | 48" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood | 38.34 | |
| 32 93 33 00-0112 | EA | 60" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood | 42.72 | |
| 32 93 33 00-0113 | EA | 5 Gallon Corylus americana - American Filbert | 33.96 | |
| 32 93 33 00-0114 | EA | 30" Balled and Burlapped, Corylus americana - American Filbert | 38.34 | |
| 32 93 33 00-0115 | EA | 36" Balled and Burlapped, Corylus americana - American Filbert | 41.08 | |
| 32 93 33 00-0116 | EA | 48" Balled and Burlapped, Corylus americana - American Filbert | 44.36 | |
| 32 93 33 00-0117 | EA | 24" Balled and Burlapped, Corylus avellena - Contorted Hazelnut | 109.54 | |
| 32 93 33 00-0118 | EA | 30" Balled and Burlapped, Corylus avellena - Contorted Hazelnut | 142.40 | |
| 32 93 33 00-0119 | EA | 36" Balled and Burlapped, Corylus avellena - Contorted Hazelnut | 153.35 | |
| 32 93 33 00-0120 | EA | 42" Balled and Burlapped, Corylus avellena - Contorted Hazelnut | 197.17 | |
| 32 93 33 00-0121 | EA | 48" Balled and Burlapped, Corylus avellena - Contorted Hazelnut | 240.99 | |
| 32 93 33 00-0122 | EA | 60" Balled and Burlapped, Corylus avellena - Contorted Hazelnut | 273.85 | |
| 32 93 33 00-0123 | EA | 5' To 6' Cotinus coggygria - Smoke Tree | 104.85 | |
| 32 93 33 00-0124 | EA | 6' To 8' Cotinus coggygria - Smoke Tree | 157.21 | |
| 32 93 33 00-0125 | EA | 8' To 10' Cotinus coggygria - Smoke Tree | 237.12 | |
| 32 93 33 00-0126 | EA | 5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster | 27.38 | |
| 32 93 33 00-0127 | EA | 18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster | 27.38 | |
| 32 93 33 00-0128 | EA | 24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster | 28.48 | |
| 32 93 33 00-0129 | EA | 12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster | 26.24 | |
| 32 93 33 00-0130 | EA | 3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster | 28.48 | |
| 32 93 33 00-0131 | EA | 18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster | 27.38 | |
| 32 93 33 00-0132 | EA | 24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster | 28.48 | |
| 32 93 33 00-0133 | EA | 1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster | 11.30 | |
| 32 93 33 00-0134 | EA | 2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster | 34.95 | |
| 32 93 33 00-0135 | EA | 3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster | 47.19 | |
| 32 93 33 00-0136 | EA | 4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster | 79.90 | |
| 32 93 33 00-0137 | EA | 1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster | 11.30 | |
| 32 93 33 00-0138 | EA | 2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster | 22.24 | |
| 32 93 33 00-0139 | EA | 18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia | 27.93 | |
| 32 93 33 00-0140 | EA | 24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia | 30.67 | |
| 32 93 33 00-0141 | EA | 30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia | 39.43 | |
| 32 93 33 00-0142 | EA | 36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia | 46.01 | |
| 32 93 33 00-0143 | EA | 42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia | 52.58 | |
| 32 93 33 00-0144 | EA | 24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle | 43.82 | |
| 32 93 33 00-0145 | EA | 30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle | 52.58 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0146 | EA | 36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle | 61.34 | |
| 32 93 33 00-0147 | EA | 2 Gallon Diervilla splendens - Splendens Bush Honeysuckle | 16.43 | |
| 32 93 33 00-0148 | EA | 36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle | 39.43 | |
| 32 93 33 00-0149 | EA | 48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle | 52.58 | |
| 32 93 33 00-0150 | EA | 1 Gallon Elaeagnus - Silverberry | 10.08 | |
| 32 93 33 00-0151 | EA | 3 Gallon Elaeagnus - Silverberry | 20.16 | |
| 32 93 33 00-0152 | EA | 5 Gallon Elaeagnus - Silverberry | 27.71 | |
| 32 93 33 00-0153 | EA | 3' To 4' Elaeagnus umbellata - Autumn Olive | 32.71 | |
| 32 93 33 00-0154 | EA | 4' To 5' Elaeagnus umbellata - Autumn Olive | 44.95 | |
| 32 93 33 00-0155 | EA | 5' To 6' Elaeagnus umbellata - Autumn Olive | 53.78 | |
| 32 93 33 00-0156 | EA | 3' To 4' Elaeagnus angustiflolia - Russian Olive | 52.37 | |
| 32 93 33 00-0157 | EA | 1 Gallon Euonymus - Gold Spot | 9.42 | |
| 32 93 33 00-0158 | EA | 2 Gallon Euonymus - Gold Spot | 19.77 | |
| 32 93 33 00-0159 | EA | 5 Gallon Euonymus - Gold Spot | 27.18 | |
| 32 93 33 00-0160 | EA | 1 Gallon Euonymus alatus - Winged Euonymus | 8.04 | |
| 32 93 33 00-0161 | EA | 3 Gallon Euonymus alatus - Winged Euonymus | 23.18 | |
| 32 93 33 00-0162 | EA | 24" Balled and Burlapped, Euonymus alatus - Winged Euonymus | 31.24 | |
| 32 93 33 00-0163 | EA | 30" Balled and Burlapped, Euonymus alatus - Winged Euonymus | 39.05 | |
| 32 93 33 00-0164 | EA | 36" Balled and Burlapped, Euonymus alatus - Winged Euonymus | 53.66 | |
| 32 93 33 00-0165 | EA | 42" Balled and Burlapped, Euonymus alatus - Winged Euonymus | 66.26 | |
| 32 93 33 00-0166 | EA | 48" Balled and Burlapped, Euonymus alatus - Winged Euonymus | 78.10 | |
| 32 93 33 00-0167 | EA | 54" Balled and Burlapped, Euonymus alatus - Winged Euonymus | 100.78 | |
| 32 93 33 00-0168 | EA | 5 Gallon Euonymus alatus - Winged Euonymus | 28.97 | |
| 32 93 33 00-0169 | EA | 60" Balled and Burlapped, Euonymus alatus - Winged Euonymus | 125.97 | |
| 32 93 33 00-0170 | EA | 30" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus | 49.29 | |
| 32 93 33 00-0171 | EA | 36" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus | 58.60 | |
| 32 93 33 00-0172 | EA | 42" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus | 76.68 | |
| 32 93 33 00-0173 | EA | 48" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus | 92.01 | |
| 32 93 33 00-0174 | EA | 60" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus | 113.92 | |
| 32 93 33 00-0175 | EA | 18" To 24" Euonymus alatus - Winged Burning Bush | 34.95 | |
| 32 93 33 00-0176 | EA | 2' To 2-1/2' Euonymus alatus - Winged Burning Bush | 41.19 | |
| 32 93 33 00-0177 | EA | 2-1/2' To 3' Euonymus alatus - Winged Burning Bush | 56.25 | |
| 32 93 33 00-0178 | EA | 3' To 3-1/2' Euonymus alatus - Winged Burning Bush | 67.43 | |
| 32 93 33 00-0179 | EA | 3-1/2 To 4' Euonymus alatus - Winged Burning Bush | 84.84 | |
| 32 93 33 00-0180 | EA | 4' To 5' Euonymus alatus - Winged Burning Bush | 119.79 | |
| 32 93 33 00-0181 | EA | 5' To 6' Euonymus alatus - Winged Burning Bush | 149.80 | |
| 32 93 33 00-0182 | EA | 6' To 8' Euonymus alatus - Winged Burning Bush | 174.75 | |
| 32 93 33 00-0183 | EA | 15" To 18" Euonymus alatus - Dwarf Winged Burning Bush | 34.95 | |
| 32 93 33 00-0184 | EA | 18" To 24" Euonymus alatus - Dwarf Winged Burning Bush | 39.89 | |
| 32 93 33 00-0185 | EA | 2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush | 48.72 | |
| 32 93 33 00-0186 | EA | 2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush | 68.72 | |
| 32 93 33 00-0187 | EA | 3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush | 81.20 | |
| 32 93 33 00-0188 | EA | 3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush | 97.32 | |
| 32 93 33 00-0189 | EA | 4' To 5' Euonymus alatus - Dwarf Winged Burning Bush | 137.33 | |
| 32 93 33 00-0190 | EA | 5' To 6' Euonymus alatus - Dwarf Winged Burning Bush | 162.27 | |
| 32 93 33 00-0191 | EA | 36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo | 29.58 | |
| 32 93 33 00-0192 | EA | 1 Gallon Euonymus fortunei - Wintercreeper | 11.30 | |
| 32 93 33 00-0193 | EA | 2 Gallon Euonymus fortunei - Wintercreeper | 22.24 | |
| 32 93 33 00-0194 | EA | 3 Gallon Euonymus fortunei - Wintercreeper | 27.18 | |
| 32 93 33 00-0195 | EA | 5 Gallon Euonymus fortunei - Wintercreeper | 32.24 | |
| 32 93 33 00-0196 | EA | 2' To 3' Forsythia - Korean Forsythia | 24.95 | |
| 32 93 33 00-0197 | EA | 3' To 4' Forsythia - Korean Forsythia | 31.54 | |
| 32 93 33 00-0198 | EA | 4' To 5' Forsythia - Korean Forsythia | 39.30 | |
| 32 93 33 00-0199 | EA | 30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars | 25.19 | |
| 32 93 33 00-0200 | EA | 36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars | 27.93 | |
| 32 93 33 00-0201 | EA | 48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars | 30.12 | |
| 32 93 33 00-0202 | EA | 18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia | 26.29 | |
| 32 93 33 00-0203 | EA | 24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia | 35.05 | |
| 32 93 33 00-0204 | EA | 24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia | 26.29 | |
| 32 93 33 00-0205 | EA | 30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia | 30.67 | |
| 32 93 33 00-0206 | EA | 36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia | 36.15 | |
| 32 93 33 00-0207 | EA | 42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia | 41.62 | |
| 32 93 33 00-0208 | EA | 48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia | 48.20 | |
| 32 93 33 00-0209 | EA | 2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla | 37.24 | |
| 32 93 33 00-0210 | EA | 3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla | 52.03 | |
| 32 93 33 00-0211 | EA | 5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla | 54.77 | |
| 32 93 33 00-0212 | EA | 15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla | 56.96 | |
| 32 93 33 00-0213 | EA | 18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla | 61.34 | |
| 32 93 33 00-0214 | EA | 24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla | 74.49 | |
| 32 93 33 00-0215 | EA | 24" Balled and Burlapped, Fothergilla major - Large Fothergilla | 96.39 | |
| 32 93 33 00-0216 | EA | 30" Balled and Burlapped, Fothergilla major - Large Fothergilla | 109.54 | |
| 32 93 33 00-0217 | EA | 1 Gallon Gardenia jasminoides - Cape Jasmine | 8.12 | |
| 32 93 33 00-0218 | EA | 3 Gallon Gardenia jasminoides - Cape Jasmine | 21.30 | |
| 32 93 33 00-0219 | EA | 5 Gallon Gardenia jasminoides - Cape Jasmine | 27.18 | |
| 32 93 33 00-0220 | EA | 36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel | 76.68 | |
| 32 93 33 00-0221 | EA | 48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel | 124.87 | |
| 32 93 33 00-0222 | EA | 60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel | 157.74 | |
| 32 93 33 00-0223 | EA | 72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel | 240.99 | |
| 32 93 33 00-0224 | EA | 84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel | 273.85 | |
| 32 93 33 00-0225 | EA | 1 Gallon Hedychuium gartdnerum - Variegated Ginger | 4.66 | |
| 32 93 33 00-0226 | EA | 3 Gallon Hedychuium gartdnerum - Variegated Ginger | 16.38 | |
| 32 93 33 00-0227 | EA | 5 Gallon Hedychuium gartdnerum - Variegated Ginger | 31.49 | |
| 32 93 33 00-0228 | EA | 1 Gallon Hibiscus rosa-sinensis - Hibiscus | 11.94 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0229 | EA | 3 Gallon Hibiscus rosa-sinensis - Hibiscus | 20.16 | |
| 32 93 33 00-0230 | EA | 5 Gallon Hibiscus rosa-sinensis - Hibiscus | 30.48 | |
| 32 93 33 00-0231 | EA | 5 Gallon Hibiscus syriacus - Rose Of Sharon | 31.54 | |
| 32 93 33 00-0232 | EA | 2' To 3' Hibiscus syriacus - Rose Of Sharon | 26.83 | |
| 32 93 33 00-0233 | EA | 3' To 4' Hibiscus syriacus - Rose Of Sharon | 36.24 | |
| 32 93 33 00-0234 | EA | 4' To 5' Hibiscus syriacus - Rose Of Sharon | 52.37 | |
| 32 93 33 00-0235 | EA | 5' To 6' Hibiscus syriacus - Rose Of Sharon | 72.37 | |
| 32 93 33 00-0236 | EA | 2 Gallon Hydrangea - Blue Hydrangea | 22.24 | |
| 32 93 33 00-0237 | EA | 5 Gallon Hydrangea - Blue Hydrangea | 31.30 | |
| 32 93 33 00-0238 | EA | 2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea | 34.95 | |
| 32 93 33 00-0239 | EA | 3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea | 39.89 | |
| 32 93 33 00-0240 | EA | 2 Gallon Hydrangea quercifloia - Oakleaf Hydrangea | 22.24 | |
| 32 93 33 00-0241 | EA | 5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea | 38.34 | |
| 32 93 33 00-0242 | EA | 30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea | 41.62 | |
| 32 93 33 00-0243 | EA | 36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea | 48.20 | |
| 32 93 33 00-0244 | EA | 4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea | 50.39 | |
| 32 93 33 00-0245 | EA | 18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea | 39.43 | |
| 32 93 33 00-0246 | EA | 24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea | 52.58 | |
| 32 93 33 00-0247 | EA | 3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea | 23.00 | |
| 32 93 33 00-0248 | EA | 5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea | 27.38 | |
| 32 93 33 00-0249 | EA | 18" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea | 23.55 | |
| 32 93 33 00-0250 | EA | 24" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea | 25.19 | |
| 32 93 33 00-0251 | EA | 30" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea | 28.48 | |
| 32 93 33 00-0252 | EA | 36" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea | 32.86 | |
| 32 93 33 00-0253 | EA | 48" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea | 43.82 | |
| 32 93 33 00-0254 | EA | 18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea | 31.77 | |
| 32 93 33 00-0255 | EA | 24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea | 36.15 | |
| 32 93 33 00-0256 | EA | 30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea | 42.72 | |
| 32 93 33 00-0257 | EA | 2 Gallon Hypericum kalmianum - St. John's Wort | 22.24 | |
| 32 93 33 00-0258 | EA | 3 Gallon Hypericum kalmianun - Kalm St. John's Wort | 26.29 | |
| 32 93 33 00-0259 | EA | 24" Balled and Burlapped, Hypericum kalmianun - Kalm St. John's Wort | 28.48 | |
| 32 93 33 00-0260 | EA | 1 Gallon Ilex "Carissa" - Holly | 11.30 | |
| 32 93 33 00-0261 | EA | 2 Gallon Ilex "Carissa" - Holly | 22.24 | |
| 32 93 33 00-0262 | EA | 5 Gallon Ilex "Carissa" - Holly | 31.30 | |
| 32 93 33 00-0263 | EA | 18" To 24" Ilex - Gulftide Sweet Holly | 30.01 | |
| 32 93 33 00-0264 | EA | 2' To 2-1/2' Ilex - Gulftide Sweet Holly | 38.01 | |
| 32 93 33 00-0265 | EA | 2-1/2' To 3' Ilex - Gulftide Sweet Holly | 49.31 | |
| 32 93 33 00-0266 | EA | 3' To 3-1/2' Ilex - Gulftide Sweet Holly | 59.90 | |
| 32 93 33 00-0267 | EA | 3 Gallon Ilex cornuta - Dwarf Horned Holly | 22.42 | |
| 32 93 33 00-0268 | EA | 1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly | 11.30 | |
| 32 93 33 00-0269 | EA | 2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly | 22.24 | |
| 32 93 33 00-0270 | EA | 5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly | 32.24 | |
| 32 93 33 00-0271 | EA | 1 Gallon Ilex crenata - Hellers Japanese Holly | 11.30 | |
| 32 93 33 00-0272 | EA | 2 Gallon Ilex crenata - Hellers Japanese Holly | 24.71 | |
| 32 93 33 00-0273 | EA | 3 Gallon Ilex crenata - Hellers Japanese Holly | 32.24 | |
| 32 93 33 00-0274 | EA | 2 Gallon Ilex crenata - Hetzi Japanese Holly | 24.71 | |
| 32 93 33 00-0275 | EA | 3 Gallon Ilex crenata - Hetzi Japanese Holly | 29.77 | |
| 32 93 33 00-0276 | EA | 2' To 3' Ilex crenata - Hetzi Japanese Holly | 59.90 | |
| 32 93 33 00-0277 | EA | 3' To 4' Ilex crenata - Hetzi Japanese Holly | 79.90 | |
| 32 93 33 00-0278 | EA | 2' To 3' Ilex opaca - American Holly | 79.90 | |
| 32 93 33 00-0279 | EA | 3' To 4' Ilex opaca - American Holly | 132.27 | |
| 32 93 33 00-0280 | EA | 4' To 5' Ilex opaca - American Holly | 169.69 | |
| 32 93 33 00-0281 | EA | 5' To 6' Ilex opaca - American Holly | 204.64 | |
| 32 93 33 00-0282 | EA | 6' To 7' Ilex opaca - American Holly | 287.01 | |
| 32 93 33 00-0283 | EA | 7' To 8' Ilex opaca - American Holly | 399.39 | |
| 32 93 33 00-0284 | EA | 8' To 10' Ilex opaca - American Holly | 574.02 | |
| 32 93 33 00-0285 | EA | 10' To 12' Ilex opaca - American Holly | 873.62 | |
| 32 93 33 00-0286 | EA | 12' To 14' Ilex opaca - American Holly | 1,060.73 | |
| 32 93 33 00-0287 | EA | 14' To 16' Ilex opaca - American Holly | 1,310.31 | |
| 32 93 33 00-0288 | EA | 2' To 3' Ilex verticillata - Winterberry (Female) | 79.90 | |
| 32 93 33 00-0289 | EA | 3' To 4' Ilex verticillata - Winterberry (Female) | 104.85 | |
| 32 93 33 00-0290 | EA | 2' To 3' Ilex verticillata - Winterberry (Male) | 64.84 | |
| 32 93 33 00-0291 | EA | 3' To 4' Ilex verticillata - Winterberry (Male) | 89.90 | |
| 32 93 33 00-0292 | EA | 4' To 5' Ilex verticillata - Winterberry (Male) | 104.85 | |
| 32 93 33 00-0293 | EA | 1 Gallon Ilex vomitoria - Yaupon Holly | 10.59 | |
| 32 93 33 00-0294 | EA | 3 Gallon Ilex vomitoria - Yaupon Holly | 21.30 | |
| 32 93 33 00-0295 | EA | 10 Gallon Ilex vomitoria - Yaupon Holly | 74.84 | |
| 32 93 33 00-0296 | EA | 18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly | 33.96 | |
| 32 93 33 00-0297 | EA | 24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly | 38.34 | |
| 32 93 33 00-0298 | EA | 3 Gallon Ilex meserveae & cvs - Blue Holly | 43.82 | |
| 32 93 33 00-0299 | EA | 18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly | 40.53 | |
| 32 93 33 00-0300 | EA | 24" Balled and Burlapped, Ilex meservae & cvs - Blue Holly | 49.29 | |
| 32 93 33 00-0301 | EA | 5 Gallon Ilex verticillata & cvs - Common Winterberry | 36.15 | |
| 32 93 33 00-0302 | EA | 24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry | 36.15 | |
| 32 93 33 00-0303 | EA | 30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry | 38.34 | |
| 32 93 33 00-0304 | EA | 36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry | 46.01 | |
| 32 93 33 00-0305 | EA | 42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry | 51.48 | |
| 32 93 33 00-0306 | EA | 48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry | 54.77 | |
| 32 93 33 00-0307 | EA | 60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry | 70.11 | |
| 32 93 33 00-0308 | EA | 4' To 5' Ilex x attenuata "Foster" - Holly | 129.80 | |
| 32 93 33 00-0309 | EA | 5' To 6' Ilex x attenuata "Foster" - Holly | 172.16 | |
| 32 93 33 00-0310 | EA | 6' To 7' Ilex x attenuata "Foster" - Holly | 154.04 | |
| 32 93 33 00-0311 | EA | 7' To 8' Ilex x attenuata "Foster" - Holly | 299.48 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0312 | EA | 1 Gallon Jasimnum - Jasmine | 2.90 | |
| 32 93 33 00-0313 | EA | 3 Gallon Jasimnum - Jasmine | 11.34 | |
| 32 93 33 00-0314 | EA | 3 Gallon Jasimnum - Orange Jasmine | 8.82 | |
| 32 93 33 00-0315 | EA | 4' - 5' Jasimnum - Orange Jasmine | 100.78 | |
| 32 93 33 00-0316 | EA | 6' - 7' Jasimnum - Orange Jasmine | 201.55 | |
| 32 93 33 00-0317 | EA | 8' - 10' Jasimnum - Orange Jasmine | 272.10 | |
| 32 93 33 00-0318 | EA | 3 Gallon Juniperus chinesis cvs - Chinese Juniper | 38.34 | |
| 32 93 33 00-0319 | EA | 5 Gallon Juniperus chinesis cvs - Chinese Juniper | 42.72 | |
| 32 93 33 00-0320 | EA | 18" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper | 56.96 | |
| 32 93 33 00-0321 | EA | 24" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper | 74.49 | |
| 32 93 33 00-0322 | EA | 30" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper | 87.63 | |
| 32 93 33 00-0323 | EA | 36" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper | 118.30 | |
| 32 93 33 00-0324 | EA | 48" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper | 162.12 | |
| 32 93 33 00-0325 | EA | 1 Gallon Juniperus horizontalis cvs - Creeping Juniper | 18.27 | |
| 32 93 33 00-0326 | EA | 3 Gallon Juniperus horizontalis cvs - Creeping Juniper | 38.34 | |
| 32 93 33 00-0327 | EA | 5 Gallon Juniperus horizontalis cvs - Creeping Juniper | 42.72 | |
| 32 93 33 00-0328 | EA | 15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper | 46.01 | |
| 32 93 33 00-0329 | EA | 18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper | 50.39 | |
| 32 93 33 00-0330 | EA | 24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper | 61.34 | |
| 32 93 33 00-0331 | EA | 30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper | 74.49 | |
| 32 93 33 00-0332 | EA | 3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper | 29.58 | |
| 32 93 33 00-0333 | EA | 18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper | 35.05 | |
| 32 93 33 00-0334 | EA | 24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper | 48.20 | |
| 32 93 33 00-0335 | EA | 30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper | 61.34 | |
| 32 93 33 00-0336 | EA | 36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper | 74.49 | |
| 32 93 33 00-0337 | EA | 3 Gallon Juniperus sabina cvs - Savin Juniper | 27.38 | |
| 32 93 33 00-0338 | EA | 5 Gallon Juniperus sabina cvs - Savin Juniper | 32.86 | |
| 32 93 33 00-0339 | EA | 4 Gallon Juniperus virginiana cvs - Red Cedar Juniper | 28.48 | |
| 32 93 33 00-0340 | EA | 36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper | 54.77 | |
| 32 93 33 00-0341 | EA | 48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper | 85.44 | |
| 32 93 33 00-0342 | EA | 60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper | 107.35 | |
| 32 93 33 00-0343 | EA | 15" To 18" Kalmia latifolia - Mountain Laurel | 44.95 | |
| 32 93 33 00-0344 | EA | 18" To 24" Kalmia latifolia - Mountain Laurel | 59.90 | |
| 32 93 33 00-0345 | EA | 2' To 3' Kalmia latifolia - Mountain Laurel | 87.31 | |
| 32 93 33 00-0346 | EA | 4' To 5' Kalmia latifolia - Mountain Laurel | 159.68 | |
| 32 93 33 00-0347 | EA | 5' To 6' Kalmia latifolia - Mountain Laurel | 244.65 | |
| 32 93 33 00-0348 | EA | 6' To 8' Kalmia latifolia - Mountain Laurel | 374.44 | |
| 32 93 33 00-0349 | EA | 1 Gallon Kerria japonica - Kerria | 10.00 | |
| 32 93 33 00-0350 | EA | 5 Gallon Kerria japonica - Kerria | 31.30 | |
| 32 93 33 00-0351 | EA | 24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush | 31.77 | |
| 32 93 33 00-0352 | EA | 30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush | 36.15 | |
| 32 93 33 00-0353 | EA | 36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush | 39.43 | |
| 32 93 33 00-0354 | EA | 42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush | 46.01 | |
| 32 93 33 00-0355 | EA | 48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush | 52.58 | |
| 32 93 33 00-0356 | EA | 60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush | 65.72 | |
| 32 93 33 00-0357 | EA | 1 Gallon Lagerstroemia indica - Crape Myrtle | 7.53 | |
| 32 93 33 00-0358 | EA | 5 Gallon Lagerstroemia indica - Crape Myrtle | 26.83 | |
| 32 93 33 00-0359 | EA | 3' To 4' Lagerstroemia indica - Crape Myrtle | 37.42 | |
| 32 93 33 00-0360 | EA | 4' To 5' Lagerstroemia indica - Crape Myrtle | 54.96 | |
| 32 93 33 00-0361 | EA | 5' To 6' Lagerstroemia indica - Crape Myrtle | 87.31 | |
| 32 93 33 00-0362 | EA | 7' To 8' Lagerstroemia indica - Crape Myrtle | 113.37 | |
| 32 93 33 00-0363 | EA | 9' To 10' Lagerstroemia indica - Crape Myrtle | 151.16 | |
| 32 93 33 00-0364 | EA | 11' To 12' Lagerstroemia indica - Crape Myrtle | 314.92 | |
| 32 93 33 00-0365 | EA | 1 Gallon Leucothoe axillaris - Coast Leucothoe | 11.30 | |
| 32 93 33 00-0366 | EA | 2 Gallon Leucothoe axillaris - Coast Leucothoe | 24.71 | |
| 32 93 33 00-0367 | EA | 3 Gallon Leucothoe axillaris - Coast Leucothoe | 29.77 | |
| 32 93 33 00-0368 | EA | 1 Gallon Ligustrum lucidum - Glossy Privet | 6.94 | |
| 32 93 33 00-0369 | EA | 5 Gallon Ligustrum lucidum - Glossy Privet | 21.30 | |
| 32 93 33 00-0370 | EA | 15 Gallon Ligustrum lucidum - Glossy Privet | 99.79 | |
| 32 93 33 00-0371 | EA | 1 Gallon Ligustrum sinense - Variegated Chinese Privet | 6.94 | |
| 32 93 33 00-0372 | EA | 2 Gallon Ligustrum sinense - Variegated Chinese Privet | 14.95 | |
| 32 93 33 00-0373 | EA | 3 Gallon Ligustrum sinense - Variegated Chinese Privet | 19.42 | |
| 32 93 33 00-0374 | EA | 36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet | 32.86 | |
| 32 93 33 00-0375 | EA | 48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet | 48.20 | |
| 32 93 33 00-0376 | EA | 60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet | 61.34 | |
| 32 93 33 00-0377 | EA | 72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet | 70.11 | |
| 32 93 33 00-0378 | EA | 5 Gallon Lindera benzoin - Spicebush | 36.15 | |
| 32 93 33 00-0379 | EA | 36" Balled and Burlapped, Lindera benzoin - Spicebush | 30.67 | |
| 32 93 33 00-0380 | EA | 48" Balled and Burlapped, Lindera benzoin - Spicebush | 37.24 | |
| 32 93 33 00-0381 | EA | 2' To 3' Lonicera fragrantissima - Winter Honeysuckle | 59.90 | |
| 32 93 33 00-0382 | EA | 3' To 4' Lonicera fragrantissima - Winter Honeysuckle | 72.37 | |
| 32 93 33 00-0383 | EA | 30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle | 32.86 | |
| 32 93 33 00-0384 | EA | 36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle | 39.43 | |
| 32 93 33 00-0385 | EA | 42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle | 43.82 | |
| 32 93 33 00-0386 | EA | 48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle | 48.20 | |
| 32 93 33 00-0387 | EA | 1 Gallon Myrica cerifera - Wax Myrtle | 6.30 | |
| 32 93 33 00-0388 | EA | 4 Gallon Myrica cerifera - Wax Myrtle | 20.16 | |
| 32 93 33 00-0389 | EA | 7 Gallon Myrica cerifera - Wax Myrtle | 44.09 | |
| 32 93 33 00-0390 | EA | 10 Gallon Myrica cerifera - Wax Myrtle | 65.50 | |
| 32 93 33 00-0391 | EA | 15 Gallon Myrica cerifera - Wax Myrtle | 100.78 | |
| 32 93 33 00-0392 | EA | 45 Gallon Myrica cerifera - Wax Myrtle | 302.33 | |
| 32 93 33 00-0393 | EA | 1' - 2' Myrica cerifera - Wax Myrtle | 8.82 | |
| 32 93 33 00-0394 | EA | 3' - 4' Myrica cerifera - Wax Myrtle | 30.23 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0395 | EA | 5' - 6' Myrica cerifera - Wax Myrtle | 55.43 | |
| 32 93 33 00-0396 | EA | 7' - 8' Myrica cerifera - Wax Myrtle | 75.58 | |
| 32 93 33 00-0397 | EA | 9' - 10' Myrica cerifera - Wax Myrtle | 100.78 | |
| 32 93 33 00-0398 | EA | 11' - 12' Myrica cerifera - Wax Myrtle | 153.68 | |
| 32 93 33 00-0399 | EA | 3 Gallon Myrica pensylvanica - Northern Bayberry | 32.86 | |
| 32 93 33 00-0400 | EA | 24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry | 53.67 | |
| 32 93 33 00-0401 | EA | 30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry | 78.87 | |
| 32 93 33 00-0402 | EA | 36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry | 94.20 | |
| 32 93 33 00-0403 | EA | 48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry | 98.59 | |
| 32 93 33 00-0404 | EA | 1 Gallon Nandina domestica - Heavenly Bamboo | 11.30 | |
| 32 93 33 00-0405 | EA | 2 Gallon Nandina domestica - Heavenly Bamboo | 24.71 | |
| 32 93 33 00-0406 | EA | 5 Gallon Nandina domestica - Heavenly Bamboo | 37.42 | |
| 32 93 33 00-0407 | EA | 1 Gallon Osmanthus fragrans - Fragrant Tea Olive | 6.94 | |
| 32 93 33 00-0408 | EA | 3 Gallon Osmanthus fragrans - Fragrant Tea Olive | 18.83 | |
| 32 93 33 00-0409 | EA | 1 Gallon Philadelphus - Evergreen Mockorange | 9.65 | |
| 32 93 33 00-0410 | EA | 5 Gallon Philadelphus - Evergreen Mockorange | 31.30 | |
| 32 93 33 00-0411 | EA | 36" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange | 32.86 | |
| 32 93 33 00-0412 | EA | 42" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange | 38.34 | |
| 32 93 33 00-0413 | EA | 48" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange | 43.82 | |
| 32 93 33 00-0414 | EA | 24" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark | 32.86 | |
| 32 93 33 00-0415 | EA | 30" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark | 38.34 | |
| 32 93 33 00-0416 | EA | 36" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark | 43.82 | |
| 32 93 33 00-0417 | EA | 42" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark | 54.77 | |
| 32 93 33 00-0418 | EA | 48" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark | 65.72 | |
| 32 93 33 00-0419 | EA | 12" To 15" Spread Pieris - Mountain Andromeda | 30.24 | |
| 32 93 33 00-0420 | EA | 15" To 18" Spread Pieris - Mountain Andromeda | 64.84 | |
| 32 93 33 00-0421 | EA | 12" To 15" Pieris japonica - Japanese Andromeda | 39.30 | |
| 32 93 33 00-0422 | EA | 15" To 18" Pieris japonica - Japanese Andromeda | 44.95 | |
| 32 93 33 00-0423 | EA | 18" To 24" Pieris japonica - Japanese Andromeda | 56.25 | |
| 32 93 33 00-0424 | EA | 2' To 2-1/2' Pieris japonica - Japanese Andromeda | 79.90 | |
| 32 93 33 00-0425 | EA | 2-1/2' To 3' Pieris japonica - Japanese Andromeda | 94.85 | |
| 32 93 33 00-0426 | EA | 24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine | 33.72 | |
| 32 93 33 00-0427 | EA | 30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine | 43.16 | |
| 32 93 33 00-0428 | EA | 36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine | 51.93 | |
| 32 93 33 00-0429 | EA | 48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine | 66.77 | |
| 32 93 33 00-0430 | EA | 60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine | 80.26 | |
| 32 93 33 00-0431 | EA | 72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine | 117.35 | |
| 32 93 33 00-0432 | EA | 30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine | 72.84 | |
| 32 93 33 00-0433 | EA | 36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine | 87.68 | |
| 32 93 33 00-0434 | EA | 48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine | 116.68 | |
| 32 93 33 00-0435 | EA | 1 Gallon Pittosporum - Pittosporum | 4.16 | |
| 32 93 33 00-0436 | EA | 3 Gallon Pittosporum - Pittosporum | 10.71 | |
| 32 93 33 00-0437 | EA | 1 Gallon Pittosporum - Varigated Pittosporum | 4.16 | |
| 32 93 33 00-0438 | EA | 3 Gallon Pittosporum - Varigated Pittosporum | 10.71 | |
| 32 93 33 00-0439 | EA | 5 Gallon Pittosporum - Varigated Pittosporum | 18.77 | |
| 32 93 33 00-0440 | EA | 1 Gallon Podocarpus macrophyllus - Yew Podocarpus | 5.04 | |
| 32 93 33 00-0441 | EA | 3 Gallon Podocarpus macrophyllus - Yew Podocarpus | 15.12 | |
| 32 93 33 00-0442 | EA | 2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil | 18.62 | |
| 32 93 33 00-0443 | EA | 5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil | 26.29 | |
| 32 93 33 00-0444 | EA | 18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil | 19.72 | |
| 32 93 33 00-0445 | EA | 24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil | 21.91 | |
| 32 93 33 00-0446 | EA | 30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil | 31.77 | |
| 32 93 33 00-0447 | EA | 36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil | 36.70 | |
| 32 93 33 00-0448 | EA | 1 Gallon Prunus caroliniana - Carolina Cherry Laurel | 4.64 | |
| 32 93 33 00-0449 | EA | 5 Gallon Prunus caroliniana - Carolina Cherry Laurel | 11.59 | |
| 32 93 33 00-0450 | EA | 15 Gallon Prunus caroliniana - Carolina Cherry Laurel | 69.12 | |
| 32 93 33 00-0451 | EA | 15" To 18" Prunus laurocerasus - Cherry Laurel | 17.68 | |
| 32 93 33 00-0452 | EA | 18" To 24" Prunus laurocerasus - Cherry Laurel | 21.88 | |
| 32 93 33 00-0453 | EA | 24" To 30" Prunus laurocerasus - Cherry Laurel | 28.47 | |
| 32 93 33 00-0454 | EA | 15" To 18" Prunus triloba - Double White Flowering Almond | 15.79 | |
| 32 93 33 00-0455 | EA | 18" To 24" Prunus triloba - Double White Flowering Almond | 20.21 | |
| 32 93 33 00-0456 | EA | 3' To 4' Prunus triloba - Double White Flowering Almond | 32.24 | |
| 32 93 33 00-0457 | EA | 4' To 6' Prunus triloba - Double White Flowering Almond | 64.56 | |
| 32 93 33 00-0458 | EA | 5 Gallon Prunus triloba - Pink Flowering Almond | 19.42 | |
| 32 93 33 00-0459 | EA | 18" To 24" Prunus triloba - Pink Flowering Almond | 21.81 | |
| 32 93 33 00-0460 | EA | 2' To 3' Prunus triloba - Pink Flowering Almond | 25.36 | |
| 32 93 33 00-0461 | EA | 2' To 3' Prunus virginiana - Brilliant Chokeberry | 17.24 | |
| 32 93 33 00-0462 | EA | 3' To 4' Prunus virginiana - Brilliant Chokeberry | 21.16 | |
| 32 93 33 00-0463 | EA | 4' To 5' Prunus virginiana - Brilliant Chokeberry | 25.36 | |
| 32 93 33 00-0464 | EA | 5' To 6' Prunus virginiana - Brilliant Chokeberry | 29.05 | |
| 32 93 33 00-0465 | EA | 1 Gallon Punica granatum - Dwarf Pomegranate | 7.41 | |
| 32 93 33 00-0466 | EA | 3 Gallon Punica granatum - Dwarf Pomegranate | 21.89 | |
| 32 93 33 00-0467 | EA | 7 Gallon Punica granatum - Dwarf Pomegranate | 44.95 | |
| 32 93 33 00-0468 | EA | 1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha | 9.41 | |
| 32 93 33 00-0469 | EA | 5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha | 31.30 | |
| 32 93 33 00-0470 | EA | 5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha | 64.84 | |
| 32 93 33 00-0471 | EA | 1 Gallon Ralphiolepis indica - Indian Hawthorne | 7.53 | |
| 32 93 33 00-0472 | EA | 2 Gallon Ralphiolepis indica - Indian Hawthorne | 14.36 | |
| 32 93 33 00-0473 | EA | 5 Gallon Ralphiolepis indica - Indian Hawthorne | 25.54 | |
| 32 93 33 00-0474 | EA | 1 Gallon Rhamnus californica - Coffeeberry | 11.45 | |
| 32 93 33 00-0475 | EA | 5 Gallon Rhamnus californica - Coffeeberry | 32.74 | |
| 32 93 33 00-0476 | EA | 15 Gallon Rhamnus californica - Coffeeberry | 98.24 | |
| 32 93 33 00-0477 | EA | 4' To 5' Rhamnus frangula "Columnaris" - Tallhedge | 57.43 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0478 | EA | 5' To 6' Rhamnus frangula "Columnaris" - Tallhedge | 78.72 | |
| 32 93 33 00-0479 | EA | 6' To 8' Rhamnus frangula "Columnaris" - Tallhedge | 102.38 | |
| 32 93 33 00-0480 | EA | 10' To 12' Rhamnus frangula "Columnaris" - Tallhedge | 187.22 | |
| 32 93 33 00-0481 | EA | 1 Gallon Rhododendron - Azalea Evergreen Hybrids | 12.24 | |
| 32 93 33 00-0482 | EA | 2 Gallon Rhododendron - Azalea Evergreen Hybrids | 24.71 | |
| 32 93 33 00-0483 | EA | 3 Gallon Rhododendron - Azalea Evergreen Hybrids | 32.24 | |
| 32 93 33 00-0484 | EA | 5 Gallon Rhododendron - Azalea Evergreen Hybrids | 37.42 | |
| 32 93 33 00-0485 | EA | 15" To 18" Rhododendron - Azalea Evergreen Hybrids | 43.78 | |
| 32 93 33 00-0486 | EA | 18" To 24" Rhododendron - Azalea Evergreen Hybrids | 54.95 | |
| 32 93 33 00-0487 | EA | 2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids | 79.90 | |
| 32 93 33 00-0488 | EA | 2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids | 112.26 | |
| 32 93 33 00-0489 | EA | 1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids | 13.77 | |
| 32 93 33 00-0490 | EA | 2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids | 24.71 | |
| 32 93 33 00-0491 | EA | 15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids | 42.48 | |
| 32 93 33 00-0492 | EA | 18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids | 54.95 | |
| 32 93 33 00-0493 | EA | 2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids | 79.90 | |
| 32 93 33 00-0494 | EA | 3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids | 117.32 | |
| 32 93 33 00-0495 | EA | 4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids | 157.21 | |
| 32 93 33 00-0496 | EA | 5 Gallon Rhododendron - Boxleaf Azara | 31.30 | |
| 32 93 33 00-0497 | EA | 15 Gallon Rhododendron - Boxleaf Azara | 112.26 | |
| 32 93 33 00-0498 | EA | 15" To 18" Rhododendron - Carolina Rhododendron | 35.42 | |
| 32 93 33 00-0499 | EA | 18" To 24" Rhododendron - Carolina Rhododendron | 62.37 | |
| 32 93 33 00-0500 | EA | 24" To 30" Rhododendron - Carolina Rhododendron | 92.38 | |
| 32 93 33 00-0501 | EA | 2' To 3' Rhododendron - Five-leafed Azalea | 42.01 | |
| 32 93 33 00-0502 | EA | 3' To 4' Rhododendron - Five-leafed Azalea | 54.95 | |
| 32 93 33 00-0503 | EA | 4' To 5' Rhododendron - Five-leafed Azalea | 72.37 | |
| 32 93 33 00-0504 | EA | 15" To 18" Rhododendron - Ghent Azalea | 42.01 | |
| 32 93 33 00-0505 | EA | 18" To 24" Rhododendron - Ghent Azalea | 52.37 | |
| 32 93 33 00-0506 | EA | 2' To 3' Rhododendron - Ghent Azalea | 84.84 | |
| 32 93 33 00-0507 | EA | 3' To 4' Rhododendron - Ghent Azalea | 117.32 | |
| 32 93 33 00-0508 | EA | 4' To 5' Rhododendron - Ghent Azalea | 157.21 | |
| 32 93 33 00-0509 | EA | 5' To 6' Rhododendron - Ghent Azalea | 209.70 | |
| 32 93 33 00-0510 | EA | 1 Gallon Rhododendron - Hybrid Rhododendron | 13.77 | |
| 32 93 33 00-0511 | EA | 2 Gallon Rhododendron - Hybrid Rhododendron | 29.77 | |
| 32 93 33 00-0512 | EA | 3 Gallon Rhododendron - Hybrid Rhododendron | 42.25 | |
| 32 93 33 00-0513 | EA | 5 Gallon Rhododendron - Hybrid Rhododendron | 47.19 | |
| 32 93 33 00-0514 | EA | 15" To 18" Rhododendron - Hybrid Rhododendron | 39.89 | |
| 32 93 33 00-0515 | EA | 18" To 24" Rhododendron - Hybrid Rhododendron | 54.95 | |
| 32 93 33 00-0516 | EA | 24" To 30" Rhododendron - Hybrid Rhododendron | 74.84 | |
| 32 93 33 00-0517 | EA | 30" To 36" Rhododendron - Hybrid Rhododendron | 87.32 | |
| 32 93 33 00-0518 | EA | 36" To 42" Rhododendron - Hybrid Rhododendron | 124.85 | |
| 32 93 33 00-0519 | EA | 42" To 48" Rhododendron - Hybrid Rhododendron | 154.74 | |
| 32 93 33 00-0520 | EA | 15" To 18" Rhododendron - Pjm Rhododendron | 44.95 | |
| 32 93 33 00-0521 | EA | 18" To 24" Rhododendron - Pjm Rhododendron | 54.95 | |
| 32 93 33 00-0522 | EA | 2' To 2-1/2' Rhododendron - Pjm Rhododendron | 79.90 | |
| 32 93 33 00-0523 | EA | 2-1/2 To 3' Rhododendron - Pjm Rhododendron | 102.38 | |
| 32 93 33 00-0524 | EA | 3' To 3-1/2' Rhododendron - Pjm Rhododendron | 124.85 | |
| 32 93 33 00-0525 | EA | 12" To 15" Rhododendron - Torch Azalea | 34.95 | |
| 32 93 33 00-0526 | EA | 15" To 18" Rhododendron - Torch Azalea | 42.01 | |
| 32 93 33 00-0527 | EA | 18" To 24" Rhododendron - Torch Azalea | 52.37 | |
| 32 93 33 00-0528 | EA | 2' To 3' Rhododendron - Torch Azalea | 87.32 | |
| 32 93 33 00-0529 | EA | 3 Gallon Rhododendron cvs - Lepidote Rhododendron | 39.43 | |
| 32 93 33 00-0530 | EA | 5 Gallon Rhododendron cvs - Lepidote Rhododendron | 48.20 | |
| 32 93 33 00-0531 | EA | 18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron | 59.15 | |
| 32 93 33 00-0532 | EA | 24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron | 74.49 | |
| 32 93 33 00-0533 | EA | 30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron | 87.63 | |
| 32 93 33 00-0534 | EA | 36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron | 105.16 | |
| 32 93 33 00-0535 | EA | 1 Gallon Rhus glabra - Dwarf Smooth Sumac | 11.30 | |
| 32 93 33 00-0536 | EA | 5 Gallon Rhus glabra - Dwarf Smooth Sumac | 31.30 | |
| 32 93 33 00-0537 | EA | 2 Gallon Rhus aromatica & cvs - Fragrant Sumac | 26.29 | |
| 32 93 33 00-0538 | EA | 5 Gallon Rhus aromatica & cvs - Fragrant Sumac | 36.15 | |
| 32 93 33 00-0539 | EA | 18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac | 41.62 | |
| 32 93 33 00-0540 | EA | 24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac | 54.77 | |
| 32 93 33 00-0541 | EA | 36" Balled and Burlapped, Rhus glabra - Smooth Sumac | 32.86 | |
| 32 93 33 00-0542 | EA | 48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac | 54.77 | |
| 32 93 33 00-0543 | EA | 72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac | 87.63 | |
| 32 93 33 00-0544 | EA | 15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant | 29.58 | |
| 32 93 33 00-0545 | EA | 18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant | 33.96 | |
| 32 93 33 00-0546 | EA | 24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant | 49.29 | |
| 32 93 33 00-0547 | EA | 30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant | 65.72 | |
| 32 93 33 00-0548 | EA | 1 Gallon Rosa hybrids & cvs - Shrub Rose | 18.07 | |
| 32 93 33 00-0549 | EA | 2 Gallon Rosa hybrids & cvs - Shrub Rose | 21.91 | |
| 32 93 33 00-0550 | EA | 3 Gallon Rosa hybrids & cvs - Shrub Rose | 27.38 | |
| 32 93 33 00-0551 | EA | 2 Gallon Rosa rugosa & cvs - Rugosa Rose | 19.72 | |
| 32 93 33 00-0552 | EA | 3 Gallon Rosa rugosa & cvs - Rugosa Rose | 25.19 | |
| 32 93 33 00-0553 | EA | 5 Gallon Sambucus canadensis - American Elder | 36.15 | |
| 32 93 33 00-0554 | EA | 2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca | 16.24 | |
| 32 93 33 00-0555 | EA | 3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca | 23.77 | |
| 32 93 33 00-0556 | EA | 1 Gallon Sarcococca humilis - Fragrant Sarcococca | 8.83 | |
| 32 93 33 00-0557 | EA | 5 Gallon Sarcococca humilis - Fragrant Sarcococca | 23.07 | |
| 32 93 33 00-0558 | EA | 1 Gallon Skimmia japonica - Japanese Skimmia | 11.30 | |
| 32 93 33 00-0559 | EA | 2 Gallon Skimmia japonica - Japanese Skimmia | 22.48 | |
| 32 93 33 00-0560 | EA | 5 Gallon Skimmia japonica - Japanese Skimmia | 36.24 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0561 | EA | 3' To 4' Spiraea - Garland Spirea | 52.37 | |
| 32 93 33 00-0562 | EA | 4' To 5' Spiraea - Garland Spirea | 79.90 | |
| 32 93 33 00-0563 | EA | 5 Gallon Spiraea - Snowmound Spirea | 31.30 | |
| 32 93 33 00-0564 | EA | 18" To 24" Spiraea - Snowmound Spirea | 25.65 | |
| 32 93 33 00-0565 | EA | 2' To 3' Spiraea - Snowmound Spirea | 36.24 | |
| 32 93 33 00-0566 | EA | 3' To 4' Spiraea - Snowmound Spirea | 42.01 | |
| 32 93 33 00-0567 | EA | 4' To 5' Spiraea - Snowmound Spirea | 72.37 | |
| 32 93 33 00-0568 | EA | 1 Gallon Spiraea japonica & cvs - Japanese Spirea | 11.30 | |
| 32 93 33 00-0569 | EA | 2 Gallon Spiraea japonica & cvs - Japanese Spirea | 22.24 | |
| 32 93 33 00-0570 | EA | 3 Gallon Spiraea japonica & cvs - Japanese Spirea | 25.74 | |
| 32 93 33 00-0571 | EA | 5 Gallon Spiraea japonica & cvs - Japanese Spirea | 27.93 | |
| 32 93 33 00-0572 | EA | 18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea | 28.48 | |
| 32 93 33 00-0573 | EA | 24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea | 32.86 | |
| 32 93 33 00-0574 | EA | 30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea | 37.24 | |
| 32 93 33 00-0575 | EA | 36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea | 43.27 | |
| 32 93 33 00-0576 | EA | 2 Gallon Spiraea nipponica & cvs - Nippon Spiraea | 17.53 | |
| 32 93 33 00-0577 | EA | 5 Gallon Spiraea nipponica & cvs - Nippon Spiraea | 26.29 | |
| 32 93 33 00-0578 | EA | 18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea | 24.10 | |
| 32 93 33 00-0579 | EA | 24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea | 28.48 | |
| 32 93 33 00-0580 | EA | 30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea | 32.86 | |
| 32 93 33 00-0581 | EA | 36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea | 37.24 | |
| 32 93 33 00-0582 | EA | 48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea | 48.20 | |
| 32 93 33 00-0583 | EA | 1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea | 11.30 | |
| 32 93 33 00-0584 | EA | 2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea | 20.26 | |
| 32 93 33 00-0585 | EA | 4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea | 26.29 | |
| 32 93 33 00-0586 | EA | 18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea | 23.00 | |
| 32 93 33 00-0587 | EA | 24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea | 27.93 | |
| 32 93 33 00-0588 | EA | 30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea | 32.86 | |
| 32 93 33 00-0589 | EA | 36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea | 37.24 | |
| 32 93 33 00-0590 | EA | 5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea | 26.29 | |
| 32 93 33 00-0591 | EA | 18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea | 26.29 | |
| 32 93 33 00-0592 | EA | 24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea | 30.67 | |
| 32 93 33 00-0593 | EA | 30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea | 41.62 | |
| 32 93 33 00-0594 | EA | 36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea | 48.20 | |
| 32 93 33 00-0595 | EA | 42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea | 56.96 | |
| 32 93 33 00-0596 | EA | 5 Gallon Staphylea trifolia - Bladdernut | 36.98 | |
| 32 93 33 00-0597 | EA | 2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra | 26.29 | |
| 32 93 33 00-0598 | EA | 5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra | 28.48 | |
| 32 93 33 00-0599 | EA | 24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra | 32.86 | |
| 32 93 33 00-0600 | EA | 30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra | 39.43 | |
| 32 93 33 00-0601 | EA | 2 Gallon Symphoricarpos albus - Common Snowberry | 27.38 | |
| 32 93 33 00-0602 | EA | 5 Gallon Symphoricarpos albus - Common Snowberry | 29.03 | |
| 32 93 33 00-0603 | EA | 24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac | 48.20 | |
| 32 93 33 00-0604 | EA | 30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac | 60.25 | |
| 32 93 33 00-0605 | EA | 36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac | 70.11 | |
| 32 93 33 00-0606 | EA | 42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac | 81.06 | |
| 32 93 33 00-0607 | EA | 18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac | 48.20 | |
| 32 93 33 00-0608 | EA | 24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac | 52.58 | |
| 32 93 33 00-0609 | EA | 30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac | 60.25 | |
| 32 93 33 00-0610 | EA | 36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac | 70.11 | |
| 32 93 33 00-0611 | EA | 42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac | 81.06 | |
| 32 93 33 00-0612 | EA | 60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac | 38.34 | |
| 32 93 33 00-0613 | EA | 72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac | 41.62 | |
| 32 93 33 00-0614 | EA | 36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac | 32.86 | |
| 32 93 33 00-0615 | EA | 42' Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac | 37.24 | |
| 32 93 33 00-0616 | EA | 48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac | 41.62 | |
| 32 93 33 00-0617 | EA | 60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac | 48.20 | |
| 32 93 33 00-0618 | EA | 72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac | 59.15 | |
| 32 93 33 00-0619 | EA | 5 Gallon Syringa x chinensis & cvs - Chinese Lilac | 27.38 | |
| 32 93 33 00-0620 | EA | 36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac | 31.77 | |
| 32 93 33 00-0621 | EA | 48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac | 41.62 | |
| 32 93 33 00-0622 | EA | 48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew | 174.17 | |
| 32 93 33 00-0623 | EA | 54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew | 194.98 | |
| 32 93 33 00-0624 | EA | 60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew | 214.70 | |
| 32 93 33 00-0625 | EA | 72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew | 258.51 | |
| 32 93 33 00-0626 | EA | 18" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew | 46.01 | |
| 32 93 33 00-0627 | EA | 24" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew | 60.25 | |
| 32 93 33 00-0628 | EA | 30" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew | 70.11 | |
| 32 93 33 00-0629 | EA | 36" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew | 76.68 | |
| 32 93 33 00-0630 | EA | 15" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew | 46.01 | |
| 32 93 33 00-0631 | EA | 18" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew | 60.25 | |
| 32 93 33 00-0632 | EA | 24" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew | 71.20 | |
| 32 93 33 00-0633 | EA | 30" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew | 84.35 | |
| 32 93 33 00-0634 | EA | 36" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew | 127.07 | |
| 32 93 33 00-0635 | EA | 36" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae | 70.11 | |
| 32 93 33 00-0636 | EA | 48" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae | 94.20 | |
| 32 93 33 00-0637 | EA | 60" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae | 142.40 | |
| 32 93 33 00-0638 | EA | 72" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae | 208.12 | |
| 32 93 33 00-0639 | EA | 84" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae | 238.80 | |
| 32 93 33 00-0640 | EA | 96" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae | 277.13 | |
| 32 93 33 00-0641 | EA | 15" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae | 30.67 | |
| 32 93 33 00-0642 | EA | 18" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae | 42.72 | |
| 32 93 33 00-0643 | EA | 24" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae | 60.25 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0644 | EA | 3' To 4' Viburnum dilatatum - Linden Viburnum | 52.37 | |
| 32 93 33 00-0645 | EA | 4' To 5' Viburnum dilatatum - Linden Viburnum | 79.90 | |
| 32 93 33 00-0646 | EA | 5' To 6' Viburnum dilatatum - Linden Viburnum | 104.85 | |
| 32 93 33 00-0647 | EA | 1 Gallon Viburnum japonicum - Japanese Viburnum | 6.35 | |
| 32 93 33 00-0648 | EA | 3 Gallon Viburnum japonicum - Japanese Viburnum | 17.42 | |
| 32 93 33 00-0649 | EA | 5 Gallon Viburnum plicatum - Japanese Snowball | 31.30 | |
| 32 93 33 00-0650 | EA | 5' To 6' Viburnum plicatum - Japanese Snowball | 117.32 | |
| 32 93 33 00-0651 | EA | 2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum | 54.96 | |
| 32 93 33 00-0652 | EA | 3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum | 64.84 | |
| 32 93 33 00-0653 | EA | 4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum | 91.20 | |
| 32 93 33 00-0654 | EA | 30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum | 60.25 | |
| 32 93 33 00-0655 | EA | 36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum | 72.30 | |
| 32 93 33 00-0656 | EA | 24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum | 54.77 | |
| 32 93 33 00-0657 | EA | 30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum | 65.72 | |
| 32 93 33 00-0658 | EA | 36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum | 76.68 | |
| 32 93 33 00-0659 | EA | 42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum | 87.63 | |
| 32 93 33 00-0660 | EA | 36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum | 30.67 | |
| 32 93 33 00-0661 | EA | 42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum | 32.86 | |
| 32 93 33 00-0662 | EA | 48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum | 38.34 | |
| 32 93 33 00-0663 | EA | 60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum | 43.82 | |
| 32 93 33 00-0664 | EA | 72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum | 48.20 | |
| 32 93 33 00-0665 | EA | 30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum | 29.58 | |
| 32 93 33 00-0666 | EA | 36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum | 32.86 | |
| 32 93 33 00-0667 | EA | 42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum | 41.62 | |
| 32 93 33 00-0668 | EA | 48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum | 48.20 | |
| 32 93 33 00-0669 | EA | 60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum | 65.72 | |
| 32 93 33 00-0670 | EA | 72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum | 78.87 | |
| 32 93 33 00-0671 | EA | 36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum | 32.86 | |
| 32 93 33 00-0672 | EA | 48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum | 43.82 | |
| 32 93 33 00-0673 | EA | 5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum | 54.77 | |
| 32 93 33 00-0674 | EA | 6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum | 76.68 | |
| 32 93 33 00-0675 | EA | 7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum | 109.54 | |
| 32 93 33 00-0676 | EA | 8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum | 153.35 | |
| 32 93 33 00-0677 | EA | 9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum | 197.17 | |
| 32 93 33 00-0678 | EA | 30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum | 39.43 | |
| 32 93 33 00-0679 | EA | 36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum | 43.82 | |
| 32 93 33 00-0680 | EA | 36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum | 78.87 | |
| 32 93 33 00-0681 | EA | 48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum | 120.49 | |
| 32 93 33 00-0682 | EA | 60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum | 153.35 | |
| 32 93 33 00-0683 | EA | 72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum | 186.22 | |
| 32 93 33 00-0684 | EA | 84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum | 230.03 | |
| 32 93 33 00-0685 | EA | 96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum | 273.85 | |
| 32 93 33 00-0686 | EA | 108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum | 328.62 | |
| 32 93 33 00-0687 | EA | 120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum | 383.39 | |
| 32 93 33 00-0688 | EA | 30" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum | 33.41 | |
| 32 93 33 00-0689 | EA | 36" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum | 36.70 | |
| 32 93 33 00-0690 | EA | 48" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum | 41.62 | |
| 32 93 33 00-0691 | EA | 60" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum | 48.20 | |
| 32 93 33 00-0692 | EA | 72" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum | 55.32 | |
| 32 93 33 00-0693 | EA | 18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum | 31.77 | |
| 32 93 33 00-0694 | EA | 24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum | 38.34 | |
| 32 93 33 00-0695 | EA | 30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum | 46.01 | |
| 32 93 33 00-0696 | EA | 36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum | 52.58 | |
| 32 93 33 00-0697 | EA | 42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum | 63.53 | |
| 32 93 33 00-0698 | EA | 48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum | 70.11 | |
| 32 93 33 00-0699 | EA | 30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum | 54.77 | |
| 32 93 33 00-0700 | EA | 36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum | 65.72 | |
| 32 93 33 00-0701 | EA | 42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum | 76.68 | |
| 32 93 33 00-0702 | EA | 48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum | 87.63 | |
| 32 93 33 00-0703 | EA | 60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum | 98.59 | |
| 32 93 33 00-0704 | EA | 30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum | 70.11 | |
| 32 93 33 00-0705 | EA | 36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum | 78.87 | |
| 32 93 33 00-0706 | EA | 42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum | 89.82 | |
| 32 93 33 00-0707 | EA | 48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum | 102.97 | |
| 32 93 33 00-0708 | EA | 2' To 3' Viburum opulus "Roseum" - Fragrant Snowball | 64.84 | |
| 32 93 33 00-0709 | EA | 3' To 4' Viburum opulus "Roseum" - Fragrant Snowball | 79.90 | |
| 32 93 33 00-0710 | EA | 4' To 5' Viburum opulus "Roseum" - Fragrant Snowball | 117.32 | |
| 32 93 33 00-0711 | EA | 5 Gallon Weigela florida & cvs - Old Fashioned Weigela | 36.15 | |
| 32 93 33 00-0712 | EA | 24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela | 32.86 | |
| 32 93 33 00-0713 | EA | 30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela | 37.24 | |
| 32 93 33 00-0714 | EA | 36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela | 41.62 | |
| 32 93 33 00-0715 | EA | 42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela | 48.20 | |
| 32 93 33 00-0716 | EA | 48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela | 54.77 | |
| 32 93 33 00-0717 | EA | 1 Gallon Xylosma congestum - Shiny Xylosma | 7.53 | |
| 32 93 33 00-0718 | EA | 5 Gallon Xylosma congestum - Shiny Xylosma | 21.30 | |
| 32 93 33 00-0719 | EA | 15 Gallon Xylosma congestum - Shiny Xylosma | 93.67 | |
| 32 93 33 00-0720 | EA | 1 Gallon Yucca aloifolia - Spanish Bayonet | 6.35 | |
| 32 93 33 00-0721 | EA | 3 Gallon Yucca aloifolia - Spanish Bayonet | 16.83 | |
| 32 93 33 00-0722 | EA | 1 Gallon Yucca filamentosa - Adams Needle | 8.83 | |
| 32 93 33 00-0723 | EA | 3 Gallon Yucca filamentosa - Adams Needle | 17.18 | |
| 32 93 33 00-0724 | EA | 5 Gallon Yucca filamentosa - Adams Needle | 27.18 | |
| 32 93 33 00-0725 | EA | 5 Gallon Border Forsythia - Goldenbells | 30.24 | |
| 32 93 33 00-0726 | EA | 2' To 3' Border Forsythia - Goldenbells | 24.95 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 33 00-0727 | EA | 3' To 4' Border Forsythia - Goldenbells | 31.54 | |
| 32 93 33 00-0728 | EA | 4' To 5' Border Forsythia - Goldenbells | 39.30 | |
| 32 93 33 00-0729 | EA | 5' To 6' Border Forsythia - Goldenbells | 47.19 | |
| 32 93 33 00-0730 | EA | 6' To 8' Border Forsythia - Goldenbells | 64.84 | |
| 32 93 33 00-0731 | EA | 3' Juniperus chinensis - Columnar Chinese Juniper | 64.24 | |
| 32 93 33 00-0732 | EA | 4' Juniperus chinensis - Columnar Chinese Juniper | 88.18 | |
| 32 93 33 00-0733 | EA | 5' Juniperus chinensis - Columnar Chinese Juniper | 138.57 | |
| 32 93 33 00-0734 | EA | 6' Juniperus chinensis - Columnar Chinese Juniper | 161.24 | |
| 32 93 33 00-0735 | EA | 7' Juniperus chinensis - Columnar Chinese Juniper | 211.63 | |
| 32 93 33 00-0736 | EA | 2 Gallon Chrysobalanus icaco - Cocoplum Red Tip | 12.60 | |
| 32 93 33 00-0737 | EA | 3 Gallon Chrysobalanus icaco - Cocoplum Red Tip | 17.64 | |
| 32 93 33 00-0738 | EA | 5 Gallon Chrysobalanus icaco - Cocoplum Red Tip | 42.70 | |
| 32 93 33 00-0739 | EA | 2 Gallon Chrysobalanus icaco - Cocoplum Green Tip | 12.60 | |
| 32 93 33 00-0740 | EA | 3 Gallon Chrysobalanus icaco - Cocoplum Green Tip | 17.64 | |
| 32 93 33 00-0741 | EA | Beile Poitvine Roses | 50.39 | |
| 32 93 33 00-0742 | EA | 3 Gallon Bird Of Paradise | 22.67 | |
| 32 93 33 00-0743 | EA | 5 Gallon Bird Of Paradise | 35.27 | |
| 32 93 33 00-0744 | EA | 7 Gallon Bird Of Paradise | 47.87 | |
| 32 93 33 00-0745 | EA | 10 Gallon Bird Of Paradise | 95.74 | |
| 32 93 33 00-0746 | EA | 18" Bonica Roses | 57.95 | |
| 32 93 33 00-0747 | EA | 1 Gallon Burmese Grape | 10.08 | |
| 32 93 33 00-0748 | EA | 5 Gallon Burmese Grape | 27.71 | |
| 32 93 33 00-0749 | EA | 15 Gallon Burmese Grape | 103.30 | |
| 32 93 33 00-0750 | EA | 6" To 9" Canby Paxistima | 20.16 | |
| 32 93 33 00-0751 | EA | 9" To 12" Canby Paxistima | 25.19 | |
| 32 93 33 00-0752 | EA | 12" To 15" Canby Paxistima | 32.75 | |
| 32 93 33 00-0753 | EA | 5 Gallon Chastetree | 35.27 | |
| 32 93 33 00-0754 | EA | 3' Chinese Lilac | 50.39 | |
| 32 93 33 00-0755 | EA | 4' Chinese Lilac | 62.98 | |
| 32 93 33 00-0756 | EA | 5' Chinese Lilac | 85.66 | |
| 32 93 33 00-0757 | EA | 1 Gallon Christmas Berry | 12.60 | |
| 32 93 33 00-0758 | EA | 2 Gallon Christmas Berry | 27.71 | |
| 32 93 33 00-0759 | EA | 5 Gallon Christmas Berry | 40.31 | |
| 32 93 33 00-0760 | EA | 15 Gallon Christmas Berry | 186.44 | |
| 32 93 33 00-0761 | EA | 1 Gallon Concha Wild Lilac | 10.08 | |
| 32 93 33 00-0762 | EA | 5 Gallon Concha Wild Lilac | 25.19 | |
| 32 93 33 00-0763 | EA | 1 Gallon Flower Carpet Roses | 25.19 | |
| 32 93 33 00-0764 | EA | 3 Gallon Flower Carpet Roses | 47.87 | |
| 32 93 33 00-0765 | EA | Goldfinger Potentillas | 40.31 | |
| 32 93 33 00-0766 | EA | Green Mound Alpine Currents | 50.39 | |
| 32 93 33 00-0767 | EA | 24" Gro-Low Sumacs | 50.39 | |
| 32 93 33 00-0768 | EA | 3 Gallon Heliconia | 22.67 | |
| 32 93 33 00-0769 | EA | 1' Ibolium Private | 2.52 | |
| 32 93 33 00-0770 | EA | 2' Ibolium Private | 10.08 | |
| 32 93 33 00-0771 | EA | 3' Ibolium Private | 17.64 | |
| 32 93 33 00-0772 | EA | 5 Gallon Japanese Privit | 27.71 | |
| 32 93 33 00-0773 | EA | 24" Spirea - Little Princess | 52.91 | |
| 32 93 33 00-0774 | EA | 2' Longstalk Holly | 50.39 | |
| 32 93 33 00-0775 | EA | 2-1/2' Longstalk Holly | 68.02 | |
| 32 93 33 00-0776 | EA | 3' Longstalk Holly | 85.66 | |
| 32 93 33 00-0777 | EA | 3-1/2' Longstalk Holly | 95.74 | |
| 32 93 33 00-0778 | EA | 3 Gallon Low Dense Pyracantha | 25.19 | |
| 32 93 33 00-0779 | EA | Pacific Wax Myrtle 1 Gal | 7.56 | |
| 32 93 33 00-0780 | EA | 5 Gallon Pacific Wax Myrtle | 25.19 | |
| 32 93 33 00-0781 | EA | 1 Gallon Red Escallonia | 7.56 | |
| 32 93 33 00-0782 | EA | 5 Gallon Red Escallonia | 25.19 | |
| 32 93 33 00-0783 | EA | 15 Gallon Red Escallonia | 103.30 | |
| 32 93 33 00-0784 | EA | 24" Smooth Hydrangeas | 60.47 | |
| 32 93 33 00-0785 | EA | 15" To 18" Somerset Burkwood Daphne | 40.31 | |
| 32 93 33 00-0786 | EA | 18" To 24" Somerset Burkwood Daphne | 52.91 | |
| 32 93 33 00-0787 | EA | 1 Gallon Spring Bouquet Laurustinis | 7.56 | |
| 32 93 33 00-0788 | EA | 5 Gallon Spring Bouquet Laurustinis | 27.71 | |
| 32 93 33 00-0789 | EA | 15" To 18" Summersweet | 30.23 | |
| 32 93 33 00-0790 | EA | 18" To 24" Summersweet | 35.27 | |
| 32 93 33 00-0791 | EA | 2' Sweet Shrubs | 40.31 | |
| 32 93 33 00-0792 | EA | 3' Sweet Shrubs | 52.91 | |
| 32 93 33 00-0793 | EA | 1 Gallon Variegated Silverberry | 7.56 | |
| 32 93 33 00-0794 | EA | 3 Gallon Variegated Silverberry | 17.64 | |
| 32 93 33 00-0795 | EA | 15 Gallon Variegated Silverberry | 103.30 | |
| 32 93 33 00-0796 | EA | 1 Gallon Variegated Winter Daphne | 12.60 | |
| 32 93 33 00-0797 | EA | 5 Gallon Variegated Winter Daphne | 40.31 | |
| 32 93 33 00-0798 | EA | 15 Gallon Variegated Winter Daphne | 186.44 | |
| 32 93 33 00-0799 | EA | 2' To 3' Virginia Sweetspire | 88.18 | |
| 32 93 33 00-0800 | EA | 1 Gallon Warminster Broom | 12.60 | |
| 32 93 33 00-0801 | EA | 2 Gallon Warminster Broom | 25.19 | |
| 32 93 33 00-0802 | EA | 5 Gallon Warminster Broom | 35.27 | |

## 32 93 43 Trees *(32 93)*

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

### 32 93 43 00-0001 Deciduous Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0002 | EA | 6' Clump Form Acer ginnala & cvs - Amur Maple | 410.25 | |
| 32 93 43 00-0003 | EA | 7' Clump Form Acer ginnala & cvs - Amur Maple | 501.42 | |
| 32 93 43 00-0004 | EA | 8' Clump Form Acer ginnala & cvs - Amur Maple | 569.79 | |
| 32 93 43 00-0005 | EA | 10' Clump Form Acer ginnala & cvs - Amur Maple | 660.96 | |
| 32 93 43 00-0006 | EA | 12' Clump Form Acer ginnala & cvs - Amur Maple | 752.13 | |
| 32 93 43 00-0007 | EA | 14' Clump Form Acer ginnala & cvs - Amur Maple | 888.88 | |
| 32 93 43 00-0008 | EA | 1-1/2" To 2" Caliper Acer griseum - Paperbark Maple | 215.93 | |
| 32 93 43 00-0009 | EA | 2" To 2-1/2" Caliper Acer griseum - Paperbark Maple | 1,458.67 | |
| 32 93 43 00-0010 | EA | 2-1/2" To 3" Caliper Acer griseum - Paperbark Maple | 1,823.34 | |
| 32 93 43 00-0011 | EA | 5' Clump Form Acer griseum - Paperbark Maple | 364.67 | |
| 32 93 43 00-0012 | EA | 1-1/2" Caliper Aesculus californica - California Buckeye | 911.67 | |
| 32 93 43 00-0013 | EA | 2" Caliper Aesculus californica - California Buckeye | 1,185.17 | |
| 32 93 43 00-0014 | EA | 2-1/2" Caliper Aesculus californica - California Buckeye | 1,367.50 | |
| 32 93 43 00-0015 | EA | 3" Caliper Aesculus californica - California Buckeye | 1,549.84 | |
| 32 93 43 00-0016 | EA | 3-1/2" Caliper Aesculus californica - California Buckeye | 1,823.34 | |
| 32 93 43 00-0017 | EA | 36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry | 87.63 | |
| 32 93 43 00-0018 | EA | 48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry | 109.54 | |
| 32 93 43 00-0019 | EA | 60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry | 135.83 | |
| 32 93 43 00-0020 | EA | 60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry | 109.54 | |
| 32 93 43 00-0021 | EA | 72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry | 131.45 | |
| 32 93 43 00-0022 | EA | 7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry | 153.35 | |
| 32 93 43 00-0023 | EA | 8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry | 175.26 | |
| 32 93 43 00-0024 | EA | 5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry | 197.17 | |
| 32 93 43 00-0025 | EA | 6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry | 219.08 | |
| 32 93 43 00-0026 | EA | 7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry | 251.94 | |
| 32 93 43 00-0027 | EA | 8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry | 284.80 | |
| 32 93 43 00-0028 | EA | 9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry | 328.62 | |
| 32 93 43 00-0029 | EA | 7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry | 251.94 | |
| 32 93 43 00-0030 | EA | 8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry | 295.76 | |
| 32 93 43 00-0031 | EA | 9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry | 339.57 | |
| 32 93 43 00-0032 | EA | 10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry | 372.43 | |
| 32 93 43 00-0033 | EA | 30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry | 87.63 | |
| 32 93 43 00-0034 | EA | 48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry | 186.22 | |
| 32 93 43 00-0035 | EA | 60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry | 240.99 | |
| 32 93 43 00-0036 | EA | 2' To 4' Amelemchier - Juneberry | 26.67 | |
| 32 93 43 00-0037 | EA | 4' To 5' Amelemchier - Juneberry | 27.98 | |
| 32 93 43 00-0038 | EA | 5' To 6' Amelemchier - Juneberry | 33.32 | |
| 32 93 43 00-0039 | EA | 6' To 8' Amelemchier - Juneberry | 39.75 | |
| 32 93 43 00-0040 | EA | 6' Cercis occidentalis - Western Redbud | 255.29 | |
| 32 93 43 00-0041 | EA | 8' Cercis occidentalis - Western Redbud | 351.22 | |
| 32 93 43 00-0042 | EA | 2-1/2" Caliper Cercis occidentalis - Western Redbud | 723.41 | |
| 32 93 43 00-0043 | EA | 3" Caliper Cercis occidentalis - Western Redbud | 880.67 | |
| 32 93 43 00-0044 | EA | 2' To 3' Magnolia Virginiana - Sweetbay Magnolia | 86.39 | |
| 32 93 43 00-0045 | EA | 3' To 4' Magnolia Virginiana - Sweetbay Magnolia | 129.58 | |
| 32 93 43 00-0046 | EA | 4' To 5' Magnolia Virginiana - Sweetbay Magnolia | 161.98 | |
| 32 93 43 00-0047 | EA | 5' To 6' Magnolia Virginiana - Sweetbay Magnolia | 201.74 | |
| 32 93 43 00-0048 | EA | 4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia | 341.88 | |
| 32 93 43 00-0049 | EA | 5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia | 455.83 | |
| 32 93 43 00-0050 | EA | 6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia | 592.59 | |
| 32 93 43 00-0051 | EA | 7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia | 660.96 | |
| 32 93 43 00-0052 | EA | 8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia | 797.71 | |
| 32 93 43 00-0053 | EA | 9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia | 888.88 | |
| 32 93 43 00-0054 | EA | 4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia | 341.88 | |
| 32 93 43 00-0055 | EA | 5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia | 455.83 | |
| 32 93 43 00-0056 | EA | 6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia | 592.59 | |
| 32 93 43 00-0057 | EA | 7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia | 660.96 | |
| 32 93 43 00-0058 | EA | 8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia | 797.71 | |
| 32 93 43 00-0059 | EA | 9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia | 888.88 | |
| 32 93 43 00-0060 | EA | 1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore | 5.16 | |
| 32 93 43 00-0061 | EA | 5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore | 21.84 | |
| 32 93 43 00-0062 | EA | 20 Gallon Prunus subhirtella - Flowering Cherry | 320.52 | |
| 32 93 43 00-0063 | EA | 1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry | 331.32 | |
| 32 93 43 00-0064 | EA | 2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry | 414.10 | |
| 32 93 43 00-0065 | EA | 3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry | 864.20 | |
| 32 93 43 00-0066 | EA | 3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry | 666.06 | |
| 32 93 43 00-0067 | EA | 4" To 5" Caliper Prunus subhirtella - Flowering Cherry | 1,296.31 | |
| 32 93 43 00-0068 | EA | 5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum | 82.79 | |
| 32 93 43 00-0069 | EA | 15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum | 226.77 | |
| 32 93 43 00-0070 | EA | 20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum | 295.33 | |
| 32 93 43 00-0071 | EA | 5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum | 93.59 | |
| 32 93 43 00-0072 | EA | 6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum | 179.97 | |
| 32 93 43 00-0073 | EA | 1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum | 331.32 | |
| 32 93 43 00-0074 | EA | 2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum | 396.10 | |
| 32 93 43 00-0075 | EA | 1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry | 259.33 | |
| 32 93 43 00-0076 | EA | 1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry | 215.97 | |
| 32 93 43 00-0077 | EA | 1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry | 316.75 | |
| 32 93 43 00-0078 | EA | 2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry | 378.11 | |
| 32 93 43 00-0079 | EA | 2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry | 486.09 | |
| 32 93 43 00-0080 | EA | 15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear | 250.25 | |
| 32 93 43 00-0081 | EA | 20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear | 312.81 | |
| 32 93 43 00-0082 | EA | 1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear | 325.32 | |
| 32 93 43 00-0083 | EA | 2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear | 387.88 | |
| 32 93 43 00-0084 | EA | 2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear | 525.52 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0085 | EA | 3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear | 688.18 | |
| 32 93 43 00-0086 | EA | 3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear | 875.86 | |
| 32 93 43 00-0087 | EA | 15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear | 250.25 | |
| 32 93 43 00-0088 | EA | 20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear | 312.81 | |
| 32 93 43 00-0089 | EA | 1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear | 212.71 | |
| 32 93 43 00-0090 | EA | 2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear | 325.32 | |
| 32 93 43 00-0091 | EA | 2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear | 387.54 | |
| 32 93 43 00-0092 | EA | 3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear | 525.52 | |
| 32 93 43 00-0093 | EA | 3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear | 688.18 | |
| 32 93 43 00-0094 | EA | 1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear | 455.83 | |
| 32 93 43 00-0095 | EA | 2" Caliper Pyrus calleryana & cvs - Callery Pear | 569.79 | |
| 32 93 43 00-0096 | EA | 2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear | 706.54 | |
| 32 93 43 00-0097 | EA | 3" Caliper Pyrus calleryana & cvs - Callery Pear | 797.71 | |
| 32 93 43 00-0098 | EA | 3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear | 888.88 | |
| 32 93 43 00-0099 | EA | 4" Caliper Pyrus calleryana & cvs - Callery Pear | 1,139.59 | |
| 32 93 43 00-0100 | EA | 1 Gallon Ribes aureum - Golden Current | 4.51 | |
| 32 93 43 00-0101 | EA | 5 Gallon Ribes aureum - Golden Current | 12.91 | |
| 32 93 43 00-0102 | EA | 1 Gallon Ribes sanguineum - Red Flowering Currant | 4.51 | |
| 32 93 43 00-0103 | EA | 5 Gallon Ribes sanguineum - Red Flowering Currant | 12.91 | |
| 32 93 43 00-0104 | EA | 1 Gallon Ribes viburnifolium - Evergreen Currant | 4.51 | |
| 32 93 43 00-0105 | EA | 5 Gallon Ribes viburnifolium - Evergreen Currant | 12.91 | |
| 32 93 43 00-0106 | EA | 8' Cassia leptophlia - Gold Medallion Tree | 340.73 | |
| 32 93 43 00-0107 | EA | 10' Cassia leptophlia - Gold Medallion Tree | 432.46 | |
| 32 93 43 00-0108 | EA | 12' Cassia leptophlia - Gold Medallion Tree | 524.20 | |
| 32 93 43 00-0109 | EA | 6' Magnolia grandiflora 'St. Mary's' | 393.15 | |
| 32 93 43 00-0110 | EA | 8' Magnolia grandiflora 'St. Mary's' | 694.56 | |
| 32 93 43 00-0111 | EA | 10' Magnolia grandiflora 'St. Mary's' | 872.79 | |
| 32 93 43 00-0112 | EA | 12' Magnolia grandiflora 'St. Mary's' | 1,048.40 | |
| 32 93 43 00-0113 | EA | 14' Magnolia grandiflora 'St. Mary's' | 1,218.76 | |
| 32 93 43 00-0114 | EA | 16' Magnolia grandiflora 'St. Mary's' | 1,441.55 | |
| 32 93 43 00-0115 | EA | 24" Box Magnolia grandiflora 'St. Mary's' | 432.46 | |
| 32 93 43 00-0116 | EA | 6' Prunus cerasifera - Purple Leaf Plum | 204.44 | |
| 32 93 43 00-0117 | EA | 8' Prunus cerasifera - Purple Leaf Plum | 235.89 | |
| 32 93 43 00-0118 | EA | 10' Prunus cerasifera - Purple Leaf Plum | 304.04 | |
| 32 93 43 00-0119 | EA | 24" Box Prunus cerasifera - Purple Leaf Plum | 323.69 | |
| 32 93 43 00-0120 | EA | 30" Box Prunus cerasifera - Purple Leaf Plum | 655.25 | |
| 32 93 43 00-0121 | EA | 36" Box Prunus cerasifera - Purple Leaf Plum | 1,005.15 | |
| 32 93 43 00-0122 | EA | 6' Pittosporum phillyraeoides - Willow Pittorporum | 427.22 | |
| 32 93 43 00-0123 | EA | 8' Pittosporum phillyraeoides - Willow Pittorporum | 610.69 | |
| 32 93 43 00-0124 | EA | 10' Pittosporum phillyraeoides - Willow Pittorporum | 731.26 | |
| 32 93 43 00-0125 | EA | 12' Pittosporum phillyraeoides - Willow Pittorporum | 943.56 | |
| 32 93 43 00-0126 | EA | 6' Stenocarpus sinuatus - Firewheel Tree | 629.04 | |
| 32 93 43 00-0127 | EA | 8' Stenocarpus sinuatus - Firewheel Tree | 838.72 | |
| 32 93 43 00-0128 | EA | 10" Stenocarpus sinuatus - Firewheel Tree | 1,048.40 | |
| 32 93 43 00-0129 | EA | 12' Stenocarpus sinuatus - Firewheel Tree | 1,258.08 | |
| 32 93 43 00-0130 | EA | 24" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree | 300.35 | |
| 32 93 43 00-0131 | EA | 36" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree | 869.44 | |
| 32 93 43 00-0132 | EA | 1-1/2" Caliper Arbutus menziesii - Madrona | 455.83 | |
| 32 93 43 00-0133 | EA | 2" Caliper Arbutus menziesii - Madrona | 592.57 | |
| 32 93 43 00-0134 | EA | 2-1/2" Caliper Arbutus menziesii - Madrona | 683.74 | |
| 32 93 43 00-0135 | EA | 3" Caliper Arbutus menziesii - Madrona | 774.90 | |
| 32 93 43 00-0136 | EA | 3-1/2" Caliper Arbutus menziesii - Madrona | 911.65 | |
| 32 93 43 00-0137 | EA | 1-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree | 314.52 | |
| 32 93 43 00-0138 | EA | 2" Caliper Koelreuteria bipinnata - Chinese Flame Tree | 511.10 | |
| 32 93 43 00-0139 | EA | 2-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree | 629.04 | |
| 32 93 43 00-0140 | EA | 3" Caliper Koelreuteria bipinnata - Chinese Flame Tree | 694.56 | |
| 32 93 43 00-0141 | EA | 24" Box Koelreuteria bipinnata - Chinese Flame Tree | 306.66 | |
| 32 93 43 00-0142 | EA | 30" Box Koelreuteria bipinnata - Chinese Flame Tree | 707.67 | |
| 32 93 43 00-0143 | EA | 36" Box Koelreuteria bipinnata - Chinese Flame Tree | 1,107.37 | |
| 32 93 43 00-0144 | EA | 1-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree | 285.69 | |
| 32 93 43 00-0145 | EA | 2" Cliber Koelreuteria paniculata - Golden Rain Tree | 463.92 | |
| 32 93 43 00-0146 | EA | 2-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree | 568.76 | |
| 32 93 43 00-0147 | EA | 3" Cliber Koelreuteria paniculata - Golden Rain Tree | 642.14 | |
| 32 93 43 00-0148 | EA | 6' Magnolia grandiflora - Southern Magnolia | 193.95 | |
| 32 93 43 00-0149 | EA | 7' Magnolia grandiflora - Southern Magnolia | 293.55 | |
| 32 93 43 00-0150 | EA | 8' Magnolia grandiflora - Southern Magnolia | 411.50 | |
| 32 93 43 00-0151 | EA | 9' Magnolia grandiflora - Southern Magnolia | 547.79 | |
| 32 93 43 00-0152 | EA | 10' Magnolia grandiflora - Southern Magnolia | 833.48 | |
| 32 93 43 00-0153 | EA | 24" Box Magnolia grandiflora - Southern Magnolia | 340.73 | |
| 32 93 43 00-0154 | EA | 1-1/2" Caliper Tipuana tipu - Tipu Tree | 406.26 | |
| 32 93 43 00-0155 | EA | 2" Caliper Tipuana tipu - Tipu Tree | 529.44 | |
| 32 93 43 00-0156 | EA | 2-1/2" Caliper Tipuana tipu - Tipu Tree | 670.98 | |
| 32 93 43 00-0157 | EA | 3" Caliper Tipuana tipu - Tipu Tree | 773.20 | |
| 32 93 43 00-0158 | EA | 3-1/2" Caliper Tipuana tipu - Tipu Tree | 1,137.51 | |
| 32 93 43 00-0159 | EA | 4" Caliper Tipuana tipu - Tipu Tree | 1,520.18 | |
| 32 93 43 00-0160 | EA | 24" Box Tipuana tipu - Tipu Tree | 306.66 | |
| 32 93 43 00-0161 | EA | 6' Albizia julibrissin - Silk Tree | 629.04 | |
| 32 93 43 00-0162 | EA | 8' Albizia julibrissin - Silk Tree | 838.72 | |
| 32 93 43 00-0163 | EA | 10' Albizia julibrissin - Silk Tree | 1,048.40 | |
| 32 93 43 00-0164 | EA | 12' Albizia julibrissin - Silk Tree | 1,258.08 | |
| 32 93 43 00-0165 | EA | 6' Brachychiton acerifolius - Flame Tree | 629.04 | |
| 32 93 43 00-0166 | EA | 8' Brachychiton acerifolius - Flame Tree | 838.72 | |
| 32 93 43 00-0167 | EA | 10' Brachychiton acerifolius - Flame Tree | 1,048.40 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0168 | EA | 12' Brachychiton acerifolius - Flame Tree | 1,258.08 | |
| 32 93 43 00-0169 | EA | 1-1/2" Caliper Chilopsis linearis - Desert Willow | 508.47 | |
| 32 93 43 00-0170 | EA | 2" Caliper Chilopsis linearis - Desert Willow | 610.69 | |
| 32 93 43 00-0171 | EA | 2-1/2" Caliper Chilopsis linearis - Desert Willow | 650.01 | |
| 32 93 43 00-0172 | EA | 3" Caliper Chilopsis linearis - Desert Willow | 720.78 | |
| 32 93 43 00-0173 | EA | 5 Gallon Chionanthus retusus - Chinese Fringe Tree | 26.21 | |
| 32 93 43 00-0174 | EA | 15 Gallon Chionanthus retusus - Chinese Fringe Tree | 104.84 | |
| 32 93 43 00-0175 | EA | 24" Box Chionanthus retusus - Chinese Fringe Tree | 524.20 | |
| 32 93 43 00-0176 | EA | 5 Gallon Calodendrum capense - Cape Chestnut | 39.32 | |
| 32 93 43 00-0177 | EA | 15 Gallon Calodendrum capense - Cape Chestnut | 157.26 | |
| 32 93 43 00-0178 | EA | 24" Box Calodendrum capense - Cape Chestnut | 589.72 | |
| 32 93 43 00-0179 | EA | 6' Chionanthus virginicus - White Fringe Tree | 314.52 | |
| 32 93 43 00-0180 | EA | 8' Chionanthus virginicus - White Fringe Tree | 733.89 | |
| 32 93 43 00-0181 | EA | 10' Chionanthus virginicus - White Fringe Tree | 1,022.21 | |
| 32 93 43 00-0182 | EA | 15 Gallon Geijera parvifolia - Australian Willow | 314.53 | |
| 32 93 43 00-0183 | EA | 24" Box Geijera parvifolia - Australian Willow | 647.40 | |
| 32 93 43 00-0184 | EA | 30" Box Geijera parvifolia - Australian Willow | 1,205.68 | |
| 32 93 43 00-0185 | EA | 36" Box Geijera parvifolia - Australian Willow | 1,729.89 | |
| 32 93 43 00-0186 | EA | 1-1/2" Caliper Ginko Biloba - Maidenhair Tree | 933.09 | |
| 32 93 43 00-0187 | EA | 2" Caliper Ginko Biloba - Maidenhair Tree | 1,300.04 | |
| 32 93 43 00-0188 | EA | 2-1/2" Caliper Ginko Biloba - Maidenhair Tree | 1,567.39 | |
| 32 93 43 00-0189 | EA | 3" Caliper Ginko Biloba - Maidenhair Tree | 1,829.49 | |
| 32 93 43 00-0190 | EA | 3-1/2" Caliper Ginko Biloba - Maidenhair Tree | 2,395.64 | |
| 32 93 43 00-0191 | EA | 4" Caliper Ginko Biloba - Maidenhair Tree | 2,558.14 | |
| 32 93 43 00-0192 | EA | 4-1/2" Caliper Ginko Biloba - Maidenhair Tree | 2,725.89 | |
| 32 93 43 00-0193 | EA | 24" Box Ginko Biloba - Maidenhair Tree | 851.84 | |
| 32 93 43 00-0194 | EA | 15 Gallon Sapium sebiferum - Chinese Tallow Tree | 314.53 | |
| 32 93 43 00-0195 | EA | 24" Box Sapium sebiferum - Chinese Tallow Tree | 1,153.26 | |
| 32 93 43 00-0196 | EA | 4' To 5' Lagerstroemia indica - Crape Myrtle | 335.49 | |
| 32 93 43 00-0197 | EA | 6' Lagerstroemia indica - Crape Myrtle | 623.81 | |
| 32 93 43 00-0198 | EA | 8' Lagerstroemia indica - Crape Myrtle | 644.78 | |
| 32 93 43 00-0199 | EA | 10' Lagerstroemia indica - Crape Myrtle | 781.07 | |
| 32 93 43 00-0200 | EA | 24" Box Lagerstroemia indica - Crape Myrtle | 613.33 | |
| 32 93 43 00-0201 | EA | 1 Gallon Acer macrophyllum - Bigleaf Maple | 8.33 | |
| 32 93 43 00-0202 | EA | 2 Gallon Acer macrophyllum - Bigleaf Maple | 17.86 | |
| 32 93 43 00-0203 | EA | 5 Gallon Acer macrophyllum - Bigleaf Maple | 36.99 | |
| 32 93 43 00-0204 | EA | 1 Gallon Alnus rubra - Red Alder | 8.33 | |
| 32 93 43 00-0205 | EA | 2 Gallon Alnus rubra - Red Alder | 17.86 | |
| 32 93 43 00-0206 | EA | 1 Gallon Arbutus menziesii - Pacific Madrona | 8.33 | |
| 32 93 43 00-0207 | EA | 2 Gallon Arbutus menziesii - Pacific Madrona | 17.86 | |
| 32 93 43 00-0208 | EA | 1 Gallon Betula papyrifera - Paper Birch | 11.88 | |
| 32 93 43 00-0209 | EA | 3 Gallon Betula papyrifera - Paper Birch | 22.60 | |
| 32 93 43 00-0210 | EA | 5 Gallon Betula papyrifera - Paper Birch | 46.41 | |
| 32 93 43 00-0211 | EA | 1 Gallon Cornus nuttallii - Pacific Dogwood | 20.81 | |
| 32 93 43 00-0212 | EA | 1 Gallon Populus trichocarpa - Black Cottonwood | 11.29 | |
| 32 93 43 00-0213 | EA | 2 Gallon Populus trichocarpa - Black Cottonwood | 20.21 | |
| 32 93 43 00-0214 | EA | 1 Gallon Populus tremuloides - Quaking Aspen | 13.07 | |
| 32 93 43 00-0215 | EA | 2 Gallon Populus tremuloides - Quaking Aspen | 22.60 | |
| 32 93 43 00-0216 | EA | 5 Gallon Populus tremuloides - Quaking Aspen | 46.41 | |
| 32 93 43 00-0217 | EA | 1 Gallon Acer circinatum - Vine Maple | 11.29 | |
| 32 93 43 00-0218 | EA | 2 Gallon Acer circinatum - Vine Maple | 19.02 | |
| 32 93 43 00-0219 | EA | 3 Gallon Acer circinatum - Vine Maple | 32.12 | |
| 32 93 43 00-0220 | EA | 5 Gallon Acer circinatum - Vine Maple | 46.41 | |
| 32 93 43 00-0221 | EA | 5 Gallon Acer circinatum - Vine Maple, Multi-Stem | 51.17 | |
| 32 93 43 00-0222 | EA | 10 Gallon Acer circinatum - Vine Maple, Multi-Stem | 101.17 | |
| 32 93 43 00-0223 | | **Deciduous Shade Trees** *(32 93 43)* | | |
| | | Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site. | | |
| 32 93 43 00-0224 | EA | 3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple | 184.75 | |
| 32 93 43 00-0225 | EA | 4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple | 226.47 | |
| 32 93 43 00-0226 | EA | 4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple | 295.01 | |
| 32 93 43 00-0227 | EA | 5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple | 382.42 | |
| 32 93 43 00-0228 | EA | 2' To 2-1/2' Acer palmatum - Japanese Maple | 19.49 | |
| 32 93 43 00-0229 | EA | 4' To 5' Acer palmatum - Japanese Maple | 40.92 | |
| 32 93 43 00-0230 | EA | 5' To 6' Acer palmatum - Japanese Maple | 53.59 | |
| 32 93 43 00-0231 | EA | 6' To 7' Acer palmatum - Japanese Maple | 97.43 | |
| 32 93 43 00-0232 | EA | 7' To 8' Acer palmatum - Japanese Maple | 136.41 | |
| 32 93 43 00-0233 | EA | 8' To 10' Acer palmatum - Japanese Maple | 175.38 | |
| 32 93 43 00-0234 | EA | 10' To 12' Acer palmatum - Japanese Maple | 233.84 | |
| 32 93 43 00-0235 | EA | 2" Caliper Acer platanoides & cvs - Norway Maple | 99.33 | |
| 32 93 43 00-0236 | EA | 2" Caliper Acer platanoides & cvs - Norway Maple | 120.92 | |
| 32 93 43 00-0237 | EA | 3" Caliper Acer platanoides & cvs - Norway Maple | 155.47 | |
| 32 93 43 00-0238 | EA | 3-1/2" Caliper Acer platanoides & cvs - Norway Maple | 181.39 | |
| 32 93 43 00-0239 | EA | 4" Caliper Acer platanoides & cvs - Norway Maple | 194.34 | |
| 32 93 43 00-0240 | EA | 4-1/2" Caliper Acer platanoides & cvs - Norway Maple | 211.62 | |
| 32 93 43 00-0241 | EA | 5" Caliper Acer platanoides & cvs - Norway Maple | 237.53 | |
| 32 93 43 00-0242 | EA | 2" Caliper Acer rubrum & cvs - Red Maple | 95.01 | |
| 32 93 43 00-0243 | EA | 2-1/2" Caliper Acer rubrum & cvs - Red Maple | 120.92 | |
| 32 93 43 00-0244 | EA | 3" Caliper Acer rubrum & cvs - Red Maple | 155.47 | |
| 32 93 43 00-0245 | EA | 3-1/2" Caliper Acer rubrum & cvs - Red Maple | 190.02 | |
| 32 93 43 00-0246 | EA | 4" Caliper Acer rubrum & cvs - Red Maple | 215.93 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0247 | EA | 4-1/2" Caliper Acer rubrum & cvs - Red Maple | 250.48 | |
| 32 93 43 00-0248 | EA | 5" Caliper Acer rubrum & cvs - Red Maple | 280.72 | |
| 32 93 43 00-0249 | EA | 8' Clump Form Acer rubrum & cvs - Red Maple | 116.60 | |
| 32 93 43 00-0250 | EA | 10' Clump Form Acer rubrum & cvs - Red Maple | 155.47 | |
| 32 93 43 00-0251 | EA | 12' Clump Form Acer rubrum & cvs - Red Maple | 181.39 | |
| 32 93 43 00-0252 | EA | 14' Clump Form Acer rubrum & cvs - Red Maple | 207.30 | |
| 32 93 43 00-0253 | EA | 16' Clump Form Acer rubrum & cvs - Red Maple | 233.21 | |
| 32 93 43 00-0254 | EA | 18' Clump Form Acer rubrum & cvs - Red Maple | 259.12 | |
| 32 93 43 00-0255 | EA | 2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut | 151.15 | |
| 32 93 43 00-0256 | EA | 2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut | 168.43 | |
| 32 93 43 00-0257 | EA | 3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut | 190.02 | |
| 32 93 43 00-0258 | EA | 3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut | 215.93 | |
| 32 93 43 00-0259 | EA | 4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut | 259.12 | |
| 32 93 43 00-0260 | EA | 2" Caliper Betula nigra - River Birch | 107.97 | |
| 32 93 43 00-0261 | EA | 2-1/2" Caliper Betula nigra - River Birch | 122.26 | |
| 32 93 43 00-0262 | EA | 3" Caliper Betula nigra - River Birch | 138.20 | |
| 32 93 43 00-0263 | EA | 3-1/2" Caliper Betula nigra - River Birch | 172.75 | |
| 32 93 43 00-0264 | EA | 4" Caliper Betula nigra - River Birch | 194.34 | |
| 32 93 43 00-0265 | EA | 4-1/2" Caliper Betula nigra - River Birch | 215.93 | |
| 32 93 43 00-0266 | EA | 5" Caliper Betula nigra - River Birch | 237.53 | |
| 32 93 43 00-0267 | EA | 8' Clump Form Betula nigra - River Birch | 99.33 | |
| 32 93 43 00-0268 | EA | 10' Clump Form Betula nigra - River Birch | 112.29 | |
| 32 93 43 00-0269 | EA | 12' Clump Form Betula nigra - River Birch | 129.56 | |
| 32 93 43 00-0270 | EA | 14' Clump Form Betula nigra - River Birch | 151.15 | |
| 32 93 43 00-0271 | EA | 16' Clump Form Betula nigra - River Birch | 172.75 | |
| 32 93 43 00-0272 | EA | 12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch | 129.56 | |
| 32 93 43 00-0273 | EA | 14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch | 155.47 | |
| 32 93 43 00-0274 | EA | 16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch | 181.39 | |
| 32 93 43 00-0275 | EA | 18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch | 215.93 | |
| 32 93 43 00-0276 | EA | 20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch | 224.57 | |
| 32 93 43 00-0277 | EA | 2" Caliper Carpinus betulus & cvs - European Hornbeam | 172.75 | |
| 32 93 43 00-0278 | EA | 2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam | 194.34 | |
| 32 93 43 00-0279 | EA | 3" Caliper Carpinus betulus & cvs - European Hornbeam | 224.57 | |
| 32 93 43 00-0280 | EA | 3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam | 272.08 | |
| 32 93 43 00-0281 | EA | 6' Clump Form Carpinus betulus & cvs - European Hornbeam | 77.74 | |
| 32 93 43 00-0282 | EA | 7' Clump Form Carpinus betulus & cvs - European Hornbeam | 107.97 | |
| 32 93 43 00-0283 | EA | 8' Clump Form Carpinus betulus & cvs - European Hornbeam | 133.88 | |
| 32 93 43 00-0284 | EA | 2" Caliper Catalpa speciosa - Western Catalpa | 95.01 | |
| 32 93 43 00-0285 | EA | 2-1/2" Caliper Catalpa speciosa - Western Catalpa | 129.56 | |
| 32 93 43 00-0286 | EA | 3" Caliper Catalpa speciosa - Western Catalpa | 168.43 | |
| 32 93 43 00-0287 | EA | 3-1/2" Caliper Catalpa speciosa - Western Catalpa | 202.98 | |
| 32 93 43 00-0288 | EA | 4" Caliper Catalpa speciosa - Western Catalpa | 233.21 | |
| 32 93 43 00-0289 | EA | 8' Clump Form Corylus cornuta californica - Western Filbert | 120.92 | |
| 32 93 43 00-0290 | EA | 10' Clump Form Corylus cornuta californica - Western Filbert | 146.84 | |
| 32 93 43 00-0291 | EA | 12' Clump Form Corylus cornuta californica - Western Filbert | 172.75 | |
| 32 93 43 00-0292 | EA | 1-1/2" Caliper Diospyros - Persimmon | 77.74 | |
| 32 93 43 00-0293 | EA | 2" Caliper Diospyros - Persimmon | 95.01 | |
| 32 93 43 00-0294 | EA | 2-1/2" Caliper Diospyros - Persimmon | 120.92 | |
| 32 93 43 00-0295 | EA | 3" Caliper Diospyros - Persimmon | 151.15 | |
| 32 93 43 00-0296 | EA | 3-1/2" Caliper Diospyros - Persimmon | 181.39 | |
| 32 93 43 00-0297 | EA | 2" Caliper Fagus sylvatica & cvs - European Beech | 194.34 | |
| 32 93 43 00-0298 | EA | 2-1/2" Caliper Fagus sylvatica & cvs - European Beech | 233.21 | |
| 32 93 43 00-0299 | EA | 3" Caliper Fagus sylvatica & cvs - European Beech | 280.72 | |
| 32 93 43 00-0300 | EA | 3-1/2" Caliper Fagus sylvatica & cvs - European Beech | 310.95 | |
| 32 93 43 00-0301 | EA | 4" Caliper Fagus sylvatica & cvs - European Beech | 367.09 | |
| 32 93 43 00-0302 | EA | 4-1/2" Caliper Fagus sylvatica & cvs - European Beech | 475.06 | |
| 32 93 43 00-0303 | EA | 5" Caliper Fagus sylvatica & cvs - European Beech | 561.43 | |
| 32 93 43 00-0304 | EA | 2" Caliper Fraxinus americana & cvs - White Ash | 107.97 | |
| 32 93 43 00-0305 | EA | 2-1/2" Caliper Fraxinus americana & cvs - White Ash | 129.56 | |
| 32 93 43 00-0306 | EA | 3" Caliper Fraxinus americana & cvs - White Ash | 164.11 | |
| 32 93 43 00-0307 | EA | 3-1/2" Caliper Fraxinus americana & cvs - White Ash | 198.66 | |
| 32 93 43 00-0308 | EA | 4" Caliper Fraxinus americana & cvs - White Ash | 233.21 | |
| 32 93 43 00-0309 | EA | 4-1/2" Caliper Fraxinus americana & cvs - White Ash | 259.12 | |
| 32 93 43 00-0310 | EA | 5" Caliper Fraxinus americana & cvs - White Ash | 302.31 | |
| 32 93 43 00-0311 | EA | 1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) | 151.15 | |
| 32 93 43 00-0312 | EA | 2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) | 168.43 | |
| 32 93 43 00-0313 | EA | 2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) | 190.02 | |
| 32 93 43 00-0314 | EA | 3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) | 211.62 | |
| 32 93 43 00-0315 | EA | 3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) | 237.53 | |
| 32 93 43 00-0316 | EA | 4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) | 259.12 | |
| 32 93 43 00-0317 | EA | 4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) | 388.68 | |
| 32 93 43 00-0318 | EA | 5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) | 431.87 | |
| 32 93 43 00-0319 | EA | 2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust | 103.65 | |
| 32 93 43 00-0320 | EA | 2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust | 129.56 | |
| 32 93 43 00-0321 | EA | 3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust | 155.47 | |
| 32 93 43 00-0322 | EA | 3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust | 181.39 | |
| 32 93 43 00-0323 | EA | 4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust | 207.30 | |
| 32 93 43 00-0324 | EA | 4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust | 233.21 | |
| 32 93 43 00-0325 | EA | 5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust | 276.40 | |
| 32 93 43 00-0326 | EA | 10' - 12' Bursera Simaruba - Gumbo Limbo | 54.63 | |
| 32 93 43 00-0327 | EA | 12' - 14' Bursera Simaruba - Gumbo Limbo | 64.56 | |
| 32 93 43 00-0328 | EA | 14' - 16' Bursera Simaruba - Gumbo Limbo | 89.40 | |
| 32 93 43 00-0329 | EA | 17' - 18' Bursera Simaruba - Gumbo Limbo | 116.22 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0330 | EA | 19' - 20' Bursera Simaruba - Gumbo Limbo | 129.13 | |
| 32 93 43 00-0331 | EA | 21' - 22' Bursera Simaruba - Gumbo Limbo | 152.97 | |
| 32 93 43 00-0332 | EA | 1-1/2" Caliper Juglans californica - California Walnut | 103.65 | |
| 32 93 43 00-0333 | EA | 2" Caliper Juglans californica - California Walnut | 120.92 | |
| 32 93 43 00-0334 | EA | 2-1/2" Caliper Juglans californica - California Walnut | 151.15 | |
| 32 93 43 00-0335 | EA | 3" Caliper Juglans californica - California Walnut | 190.02 | |
| 32 93 43 00-0336 | EA | 3-1/2" Caliper Juglans californica - California Walnut | 233.21 | |
| 32 93 43 00-0337 | EA | 4" Caliper Juglans californica - California Walnut | 280.72 | |
| 32 93 43 00-0338 | EA | 4-1/2" Caliper Juglans californica - California Walnut | 323.90 | |
| 32 93 43 00-0339 | EA | 5" Caliper Juglans californica - California Walnut | 367.09 | |
| 32 93 43 00-0340 | EA | 5 Gallon Koelreuteria Paniculata - Goldenrain Tree | 11.69 | |
| 32 93 43 00-0341 | EA | 15 Gallon Koelreuteria Paniculata - Goldenrain Tree | 29.23 | |
| 32 93 43 00-0342 | EA | 20 Gallon Koelreuteria Paniculata - Goldenrain Tree | 58.46 | |
| 32 93 43 00-0343 | EA | 55 Gallon Koelreuteria Paniculata - Goldenrain Tree | 76.00 | |
| 32 93 43 00-0344 | EA | 1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree | 55.54 | |
| 32 93 43 00-0345 | EA | 2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree | 67.23 | |
| 32 93 43 00-0346 | EA | 2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree | 93.54 | |
| 32 93 43 00-0347 | EA | 1-1/2" Caliper Liquidambar styraciflua - American Sweetgum | 138.20 | |
| 32 93 43 00-0348 | EA | 2" Caliper Liquidambar styraciflua - American Sweetgum | 172.75 | |
| 32 93 43 00-0349 | EA | 2-1/2" Caliper Liquidambar styraciflua - American Sweetgum | 215.93 | |
| 32 93 43 00-0350 | EA | 3" Caliper Liquidambar styraciflua - American Sweetgum | 259.12 | |
| 32 93 43 00-0351 | EA | 3-1/2" Caliper Liquidambar styraciflua - American Sweetgum | 302.31 | |
| 32 93 43 00-0352 | EA | 1-1/2" Caliper Liriodendron tulipifera - Tulip Tree | 138.20 | |
| 32 93 43 00-0353 | EA | 2" Caliper Liriodendron tulipifera - Tulip Tree | 190.02 | |
| 32 93 43 00-0354 | EA | 2-1/2" Caliper Liriodendron tulipifera - Tulip Tree | 224.57 | |
| 32 93 43 00-0355 | EA | 3" Caliper Liriodendron tulipifera - Tulip Tree | 259.12 | |
| 32 93 43 00-0356 | EA | 3-1/2" Caliper Liriodendron tulipifera - Tulip Tree | 293.67 | |
| 32 93 43 00-0357 | EA | 8' Clump Form Liriodendron tulipifera - Tulip Tree | 103.65 | |
| 32 93 43 00-0358 | EA | 10' Clump Form Liriodendron tulipifera - Tulip Tree | 185.70 | |
| 32 93 43 00-0359 | EA | 12' Clump Form Liriodendron tulipifera - Tulip Tree | 224.57 | |
| 32 93 43 00-0360 | EA | 1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum | 138.20 | |
| 32 93 43 00-0361 | EA | 2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum | 172.75 | |
| 32 93 43 00-0362 | EA | 2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum | 215.93 | |
| 32 93 43 00-0363 | EA | 3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum | 259.12 | |
| 32 93 43 00-0364 | EA | 3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum | 302.31 | |
| 32 93 43 00-0365 | EA | 4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum | 60.46 | |
| 32 93 43 00-0366 | EA | 5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum | 69.10 | |
| 32 93 43 00-0367 | EA | 6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum | 82.06 | |
| 32 93 43 00-0368 | EA | 7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum | 103.65 | |
| 32 93 43 00-0369 | EA | 8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum | 129.56 | |
| 32 93 43 00-0370 | EA | 30" Box Platanus Occidentalis - Buttonwood Sycamore | 187.63 | |
| 32 93 43 00-0371 | EA | 36" Box Platanus Occidentalis - Buttonwood Sycamore | 272.91 | |
| 32 93 43 00-0372 | EA | 42" Box Platanus occidentalis - Buttonwood Sycamore | 405.97 | |
| 32 93 43 00-0373 | EA | 1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore | 62.78 | |
| 32 93 43 00-0374 | EA | 2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore | 75.06 | |
| 32 93 43 00-0375 | EA | 2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore | 102.34 | |
| 32 93 43 00-0376 | EA | 3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore | 124.20 | |
| 32 93 43 00-0377 | EA | 8' To 10' Platanus occidentalis - Green Or Silver Buttonwood | 51.65 | |
| 32 93 43 00-0378 | EA | 10' To 12' Platanus occidentalis - Green Or Silver Buttonwood | 64.56 | |
| 32 93 43 00-0379 | EA | 12' To 14' Platanus occidentalis - Green Or Silver Buttonwood | 114.23 | |
| 32 93 43 00-0380 | EA | 16' To 18' Platanus occidentalis - Green Or Silver Buttonwood | 163.89 | |
| 32 93 43 00-0381 | EA | 2" Caliper Platanus x acerifolia & cvs - London Planetree | 103.65 | |
| 32 93 43 00-0382 | EA | 2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree | 125.24 | |
| 32 93 43 00-0383 | EA | 3" Caliper Platanus x acerifolia & cvs - London Planetree | 151.15 | |
| 32 93 43 00-0384 | EA | 3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree | 181.39 | |
| 32 93 43 00-0385 | EA | 4" Caliper Platanus x acerifolia & cvs - London Planetree | 215.93 | |
| 32 93 43 00-0386 | EA | 2" Caliper Populus alba & cvs - White Poplar | 103.65 | |
| 32 93 43 00-0387 | EA | 2-1/2" Caliper Populus alba & cvs - White Poplar | 120.92 | |
| 32 93 43 00-0388 | EA | 3" Caliper Populus alba & cvs - White Poplar | 138.20 | |
| 32 93 43 00-0389 | EA | 3-1/2" Caliper Populus alba & cvs - White Poplar | 164.11 | |
| 32 93 43 00-0390 | EA | 4" Caliper Populus alba & cvs - White Poplar | 181.39 | |
| 32 93 43 00-0391 | EA | 4-1/2" Caliper Populus alba & cvs - White Poplar | 207.30 | |
| 32 93 43 00-0392 | EA | 2" Caliper Populus deltoides & cvs - Eastern Cottonwood | 95.01 | |
| 32 93 43 00-0393 | EA | 2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood | 125.24 | |
| 32 93 43 00-0394 | EA | 3" Caliper Populus deltoides & cvs - Eastern Cottonwood | 151.15 | |
| 32 93 43 00-0395 | EA | 3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood | 181.39 | |
| 32 93 43 00-0396 | EA | 4" Caliper Populus deltoides & cvs - Eastern Cottonwood | 215.93 | |
| 32 93 43 00-0397 | EA | 2" Caliper Quercus palustris - Pin Oak | 95.01 | |
| 32 93 43 00-0398 | EA | 2-1/2" Caliper Quercus palustris - Pin Oak | 129.56 | |
| 32 93 43 00-0399 | EA | 3" Caliper Quercus palustris - Pin Oak | 168.43 | |
| 32 93 43 00-0400 | EA | 3-1/2" Caliper Quercus palustris - Pin Oak | 194.34 | |
| 32 93 43 00-0401 | EA | 4" Caliper Quercus palustris - Pin Oak | 224.57 | |
| 32 93 43 00-0402 | EA | 4-1/2" Caliper Quercus palustris - Pin Oak | 254.80 | |
| 32 93 43 00-0403 | EA | 5" Caliper Quercus palustris - Pin Oak | 280.72 | |
| 32 93 43 00-0404 | EA | 2" Caliper Quercus shumardii - Shumard Oak | 146.84 | |
| 32 93 43 00-0405 | EA | 2-1/2" Caliper Quercus shumardii - Shumard Oak | 185.70 | |
| 32 93 43 00-0406 | EA | 3" Caliper Quercus shumardii - Shumard Oak | 215.93 | |
| 32 93 43 00-0407 | EA | 3-1/2" Caliper Quercus shumardii - Shumard Oak | 259.12 | |
| 32 93 43 00-0408 | EA | 4" Caliper Quercus shumardii - Shumard Oak | 302.31 | |
| 32 93 43 00-0409 | EA | 4-1/2" Caliper Quercus shumardii - Shumard Oak | 345.50 | |
| 32 93 43 00-0410 | EA | 5" Caliper Quercus shumardii - Shumard Oak | 388.68 | |
| 32 93 43 00-0411 | EA | 24" Box Salix babylonica - Weeping Willow | 109.16 | |
| 32 93 43 00-0412 | EA | 36" Box Salix babylonica - Weeping Willow | 272.91 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0413 | EA | 1-1/2" To 2" Caliper Salix babylonica - Weeping Willow | 62.78 | |
| 32 93 43 00-0414 | EA | 2" To 2-1/2" Caliper Salix babylonica - Weeping Willow | 75.06 | |
| 32 93 43 00-0415 | EA | 2-1/2" To 3" Caliper Salix babylonica - Weeping Willow | 81.88 | |
| 32 93 43 00-0416 | EA | 2' Thuja occidentalis - American Arborviatae | 14.80 | |
| 32 93 43 00-0417 | EA | 2-1/2' Thuja occidentalis - American Arborviatae | 15.99 | |
| 32 93 43 00-0418 | EA | 3' Thuja occidentalis - American Arborviatae | 22.85 | |
| 32 93 43 00-0419 | EA | 4' Thuja occidentalis - American Arborviatae | 31.39 | |
| 32 93 43 00-0420 | EA | 5' Thuja occidentalis - American Arborviatae | 43.71 | |
| 32 93 43 00-0421 | EA | 6' Thuja occidentalis - American Arborviatae | 60.59 | |
| 32 93 43 00-0422 | EA | 7' Thuja occidentalis - American Arborviatae | 73.50 | |
| 32 93 43 00-0423 | EA | 8' Thuja occidentalis - American Arborviatae | 103.30 | |
| 32 93 43 00-0424 | EA | 2" Caliper Tilia cordata & cvs - Littleleaf Linden | 108.62 | |
| 32 93 43 00-0425 | EA | 2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden | 131.20 | |
| 32 93 43 00-0426 | EA | 3" Caliper Tilia cordata & cvs - Littleleaf Linden | 151.15 | |
| 32 93 43 00-0427 | EA | 3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden | 185.70 | |
| 32 93 43 00-0428 | EA | 4" Caliper Tilia cordata & cvs - Littleleaf Linden | 211.62 | |
| 32 93 43 00-0429 | EA | 4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden | 237.53 | |
| 32 93 43 00-0430 | EA | 5" Caliper Tilia cordata & cvs - Littleleaf Linden | 263.44 | |
| 32 93 43 00-0431 | EA | 2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm | 120.92 | |
| 32 93 43 00-0432 | EA | 2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm | 138.20 | |
| 32 93 43 00-0433 | EA | 3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm | 151.15 | |
| 32 93 43 00-0434 | EA | 3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm | 164.11 | |
| 32 93 43 00-0435 | EA | 4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm | 181.39 | |
| 32 93 43 00-0436 | EA | 4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm | 215.93 | |
| 32 93 43 00-0437 | EA | 5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm | 254.80 | |
| 32 93 43 00-0438 | EA | 2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm | 138.20 | |
| 32 93 43 00-0439 | EA | 2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm | 151.15 | |
| 32 93 43 00-0440 | EA | 3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm | 164.11 | |
| 32 93 43 00-0441 | EA | 3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm | 181.39 | |
| 32 93 43 00-0442 | EA | 4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm | 215.93 | |
| 32 93 43 00-0443 | EA | 4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm | 254.80 | |
| 32 93 43 00-0444 | EA | 5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm | 293.67 | |
| 32 93 43 00-0445 | EA | 2" Caliper Ulmus x `Regal' - Regal Hybrid Elm | 138.20 | |
| 32 93 43 00-0446 | EA | 2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm | 151.15 | |
| 32 93 43 00-0447 | EA | 3" Caliper Ulmus x `Regal' - Regal Hybrid Elm | 164.11 | |
| 32 93 43 00-0448 | EA | 3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm | 181.39 | |
| 32 93 43 00-0449 | EA | 4" Caliper Ulmus x `Regal' - Regal Hybrid Elm | 215.93 | |
| 32 93 43 00-0450 | EA | 4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm | 254.80 | |
| 32 93 43 00-0451 | EA | 5" Caliper Ulmus x `Regal' - Regal Hybrid Elm | 293.67 | |
| 32 93 43 00-0452 | EA | 1-1/2" To 2" Caliper Platanus acerifolia "Bloodgold" - London Plane | 487.52 | |
| 32 93 43 00-0453 | EA | 2" To 2-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane | 870.19 | |
| 32 93 43 00-0454 | EA | 2-1/2" To 3" Caliper Platanus acerifolia "Bloodgold" - London Plane | 1,273.83 | |
| 32 93 43 00-0455 | EA | 3" To 3-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane | 1,583.11 | |
| 32 93 43 00-0456 | EA | 3-1/2" To 4" Caliper Platanus acerifolia "Bloodgold" - London Plane | 2,049.66 | |
| 32 93 43 00-0457 | EA | 4" To 5" Caliper Platanus acerifolia "Bloodgold" - London Plane | 2,332.73 | |
| 32 93 43 00-0458 | EA | 24" Box Platanus acerifolia "Bloodgold" - London Plane | 613.33 | |
| 32 93 43 00-0459 | EA | 1-1/2" Caliper Quercus suber - Cork Oak | 733.89 | |
| 32 93 43 00-0460 | EA | 2" Caliper Quercus suber - Cork Oak | 1,016.97 | |
| 32 93 43 00-0461 | EA | 2-1/2" Caliper Quercus suber - Cork Oak | 1,300.04 | |
| 32 93 43 00-0462 | EA | 3" Caliper Quercus suber - Cork Oak | 1,625.05 | |
| 32 93 43 00-0463 | EA | 3-1/2" Caliper Quercus suber - Cork Oak | 2,437.58 | |
| 32 93 43 00-0464 | EA | 4" Caliper Quercus suber - Cork Oak | 3,145.26 | |
| 32 93 43 00-0465 | EA | 4-1/2" Caliper Quercus suber - Cork Oak | 4,088.84 | |
| 32 93 43 00-0466 | EA | 1-1/2" Caliper Quercus ilex - Holly Oak | 812.53 | |
| 32 93 43 00-0467 | EA | 2" Caliper Quercus ilex - Holly Oak | 1,095.60 | |
| 32 93 43 00-0468 | EA | 2-1/2" Caliper Quercus ilex - Holly Oak | 1,341.98 | |
| 32 93 43 00-0469 | EA | 3" Caliper Quercus ilex - Holly Oak | 1,625.05 | |
| 32 93 43 00-0470 | EA | 3-1/2" Caliper Quercus ilex - Holly Oak | 2,437.58 | |
| 32 93 43 00-0471 | EA | 4" Caliper Quercus ilex - Holly Oak | 3,145.26 | |

## 32 93 43 00-0472 Evergreen Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

| | | | | |
|---|---|---|---|---|
| 32 93 43 00-0473 | EA | 2' To 3' Cedrus atlantica - Blue Atlas Cedar | 17.58 | |
| 32 93 43 00-0474 | EA | 3' To 4' Cedrus atlantica - Blue Atlas Cedar | 28.26 | |
| 32 93 43 00-0475 | EA | 4' To 5' Cedrus atlantica - Blue Atlas Cedar | 41.99 | |
| 32 93 43 00-0476 | EA | 5' To 6' Cedrus atlantica - Blue Atlas Cedar | 56.49 | |
| 32 93 43 00-0477 | EA | 7' To 8' Cedrus atlantica - Blue Atlas Cedar | 80.20 | |
| 32 93 43 00-0478 | EA | 6' To 8' Cedrus deodara - Indian Cedar | 72.57 | |
| 32 93 43 00-0479 | EA | 8' To 10' Cedrus deodara - Indian Cedar | 84.02 | |
| 32 93 43 00-0480 | EA | 10' To 12' Cedrus deodara - Indian Cedar | 114.56 | |
| 32 93 43 00-0481 | EA | 12' To 14' Cedrus deodara - Indian Cedar | 148.92 | |
| 32 93 43 00-0482 | EA | 14' To 16' Cedrus deodara - Indian Cedar | 190.94 | |
| 32 93 43 00-0483 | EA | 15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress | 22.68 | |
| 32 93 43 00-0484 | EA | 18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress | 34.03 | |
| 32 93 43 00-0485 | EA | 2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress | 52.93 | |
| 32 93 43 00-0486 | EA | 3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress | 90.74 | |
| 32 93 43 00-0487 | EA | 5 Gallon Cupressocyparis leylandii - Leyland Cypress | 12.48 | |
| 32 93 43 00-0488 | EA | 15 Gallon Cupressocyparis leylandii - Leyland Cypress | 49.92 | |
| 32 93 43 00-0489 | EA | 4' To 5' Cupressocyparis leylandii - Leyland Cypress | 21.84 | |
| 32 93 43 00-0490 | EA | 5' To 6' Cupressocyparis leylandii - Leyland Cypress | 28.08 | |
| 32 93 43 00-0491 | EA | 6' To 7' Cupressocyparis leylandii - Leyland Cypress | 43.68 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0492 | EA | 24" Box Cupressocyparis leylandii - Leyland Cypress | 106.08 | |
| 32 93 43 00-0493 | EA | 1 Gallon Cupressus macrocarpa - Monterey Cypress | 2.28 | |
| 32 93 43 00-0494 | EA | 5 Gallon Cupressus macrocarpa - Monterey Cypress | 10.24 | |
| 32 93 43 00-0495 | EA | 15 Gallon Cupressus macrocarpa - Monterey Cypress | 34.14 | |
| 32 93 43 00-0496 | EA | 5 Gallon Cupressus sempervirens - Italian Cypress | 11.75 | |
| 32 93 43 00-0497 | EA | 15 Gallon Cupressus sempervirens - Italian Cypress | 32.30 | |
| 32 93 43 00-0498 | EA | 1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper | 3.45 | |
| 32 93 43 00-0499 | EA | 2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper | 6.75 | |
| 32 93 43 00-0500 | EA | 3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper | 8.37 | |
| 32 93 43 00-0501 | EA | 5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper | 9.84 | |
| 32 93 43 00-0502 | EA | 1 Gallon Juniperus - Blue Sargent Juniper | 3.45 | |
| 32 93 43 00-0503 | EA | 2 Gallon Juniperus - Blue Sargent Juniper | 6.75 | |
| 32 93 43 00-0504 | EA | 3 Gallon Juniperus - Blue Sargent Juniper | 8.37 | |
| 32 93 43 00-0505 | EA | 5 Gallon Juniperus - Blue Sargent Juniper | 9.84 | |
| 32 93 43 00-0506 | EA | 5 Gallon Juniperus - Compact Pfitzer Juniper | 9.84 | |
| 32 93 43 00-0507 | EA | 15" To 18" Juniperus - Compact Pfitzer Juniper | 10.64 | |
| 32 93 43 00-0508 | EA | 18" To 24" Juniperus - Compact Pfitzer Juniper | 12.85 | |
| 32 93 43 00-0509 | EA | 2' To 2 1/2' Juniperus - Compact Pfitzer Juniper | 19.09 | |
| 32 93 43 00-0510 | EA | 2-1/2' To 3' Juniperus - Compact Pfitzer Juniper | 22.10 | |
| 32 93 43 00-0511 | EA | 5' To 6' Juniperus - Fairview Juniper | 32.91 | |
| 32 93 43 00-0512 | EA | 1 Gallon Juniperus - Hollywood Juniper | 4.40 | |
| 32 93 43 00-0513 | EA | 5 Gallon Juniperus - Hollywood Juniper | 12.26 | |
| 32 93 43 00-0514 | EA | 15 Gallon Juniperus - Hollywood Juniper | 51.98 | |
| 32 93 43 00-0515 | EA | 4' To 5' Juniperus - Hollywood Juniper | 34.36 | |
| 32 93 43 00-0516 | EA | 5' To 6' Juniperus - Hollywood Juniper | 44.27 | |
| 32 93 43 00-0517 | EA | 1 Gallon Juniperus - Parson's Juniper | 3.45 | |
| 32 93 43 00-0518 | EA | 2 Gallon Juniperus - Parson's Juniper | 6.83 | |
| 32 93 43 00-0519 | EA | 3 Gallon Juniperus - Parson's Juniper | 8.44 | |
| 32 93 43 00-0520 | EA | 5 Gallon Juniperus - Parson's Juniper | 9.98 | |
| 32 93 43 00-0521 | EA | 5 Gallon Juniperus - Skyrocket Juniper | 12.33 | |
| 32 93 43 00-0522 | EA | 15 Gallon Juniperus - Skyrocket Juniper | 52.49 | |
| 32 93 43 00-0523 | EA | 2' To 3' Juniperus - Skyrocket Juniper | 18.50 | |
| 32 93 43 00-0524 | EA | 3' To 4' Juniperus - Skyrocket Juniper | 26.21 | |
| 32 93 43 00-0525 | EA | 4' To 5' Juniperus - Skyrocket Juniper | 34.72 | |
| 32 93 43 00-0526 | EA | 5' To 6' Juniperus - Skyrocket Juniper | 44.78 | |
| 32 93 43 00-0527 | EA | 6' To 8' Juniperus - Skyrocket Juniper | 57.85 | |
| 32 93 43 00-0528 | EA | 1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper | 3.45 | |
| 32 93 43 00-0529 | EA | 2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper | 6.79 | |
| 32 93 43 00-0530 | EA | 3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper | 8.33 | |
| 32 93 43 00-0531 | EA | 5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper | 9.87 | |
| 32 93 43 00-0532 | EA | 1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper | 3.45 | |
| 32 93 43 00-0533 | EA | 2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper | 6.79 | |
| 32 93 43 00-0534 | EA | 3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper | 8.33 | |
| 32 93 43 00-0535 | EA | 5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper | 9.87 | |
| 32 93 43 00-0536 | EA | 3' Pinus sylvestris - Scotch Pine | 32.07 | |
| 32 93 43 00-0537 | EA | 4' Pinus sylvestris - Scotch Pine | 44.51 | |
| 32 93 43 00-0538 | EA | 5' Pinus sylvestris - Scotch Pine | 62.48 | |
| 32 93 43 00-0539 | EA | 6' Pinus sylvestris - Scotch Pine | 86.68 | |
| 32 93 43 00-0540 | EA | 7' Pinus sylvestris - Scotch Pine | 106.21 | |
| 32 93 43 00-0541 | EA | 8' Pinus sylvestris - Scotch Pine | 149.94 | |
| 32 93 43 00-0542 | EA | 9' Pinus sylvestris - Scotch Pine | 190.35 | |
| 32 93 43 00-0543 | EA | 10' Pinus sylvestris - Scotch Pine | 219.64 | |
| 32 93 43 00-0544 | EA | 12' Pinus sylvestris - Scotch Pine | 258.69 | |
| 32 93 43 00-0545 | EA | 14' Pinus sylvestris - Scotch Pine | 292.85 | |
| 32 93 43 00-0546 | EA | 16' Pinus sylvestris - Scotch Pine | 341.66 | |
| 32 93 43 00-0547 | EA | 1 Gallon Pinus thunbergiana - Japanese Black Pine | 3.45 | |
| 32 93 43 00-0548 | EA | 5 Gallon Pinus thunbergiana - Japanese Black Pine | 12.26 | |
| 32 93 43 00-0549 | EA | 15 Gallon Pinus thunbergiana - Japanese Black Pine | 39.72 | |
| 32 93 43 00-0550 | EA | 2' To 3' Pinus thunbergiana - Japanese Black Pine | 16.81 | |
| 32 93 43 00-0551 | EA | 3' To 4' Pinus thunbergiana - Japanese Black Pine | 21.36 | |
| 32 93 43 00-0552 | EA | 4' To 5' Pinus thunbergiana - Japanese Black Pine | 32.08 | |
| 32 93 43 00-0553 | EA | 5' To 6' Pinus thunbergiana - Japanese Black Pine | 62.62 | |
| 32 93 43 00-0554 | EA | 6' To 7' Pinus thunbergiana - Japanese Black Pine | 70.25 | |
| 32 93 43 00-0555 | EA | 7' To 8' Pinus thunbergiana - Japanese Black Pine | 87.80 | |
| 32 93 43 00-0556 | EA | 6' Pinus flexilis & cvs - Limber Pine | 122.02 | |
| 32 93 43 00-0557 | EA | 7' Pinus flexilis & cvs - Limber Pine | 141.55 | |
| 32 93 43 00-0558 | EA | 8' Pinus flexilis & cvs - Limber Pine | 175.71 | |
| 32 93 43 00-0559 | EA | 9' Pinus flexilis & cvs - Limber Pine | 214.76 | |
| 32 93 43 00-0560 | EA | 10' Pinus flexilis & cvs - Limber Pine | 244.04 | |
| 32 93 43 00-0561 | EA | 1 Gallon Pinus mugo - Mugho Pine | 4.55 | |
| 32 93 43 00-0562 | EA | 2 Gallon Pinus mugo - Mugho Pine | 9.62 | |
| 32 93 43 00-0563 | EA | 3 Gallon Pinus mugo - Mugho Pine | 12.04 | |
| 32 93 43 00-0564 | EA | 5 Gallon Pinus mugo - Mugho Pine | 15.27 | |
| 32 93 43 00-0565 | EA | 12" To 15" Spread Pinus mugo - Mugho Pine | 11.82 | |
| 32 93 43 00-0566 | EA | 15" To 18" Spread Pinus mugo - Mugho Pine | 14.09 | |
| 32 93 43 00-0567 | EA | 18" To 24" Spread Pinus mugo - Mugho Pine | 19.09 | |
| 32 93 43 00-0568 | EA | 2' To 2-1/2' Spread Pinus mugo - Mugho Pine | 26.72 | |
| 32 93 43 00-0569 | EA | 2-1/2' To 3' Spread Pinus mugo - Mugho Pine | 34.36 | |
| 32 93 43 00-0570 | EA | 3' To 3-1/2' Spread Pinus mugo - Mugho Pine | 42.80 | |
| 32 93 43 00-0571 | EA | 3-1/2' To 4' Spread Pinus mugo - Mugho Pine | 51.98 | |
| 32 93 43 00-0572 | EA | 6' Pinus nigra - Austrian Pine | 122.02 | |
| 32 93 43 00-0573 | EA | 7' Pinus nigra - Austrian Pine | 146.43 | |
| 32 93 43 00-0574 | EA | 8' Pinus nigra - Austrian Pine | 190.35 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0575 | EA | 9' Pinus nigra - Austrian Pine | 219.64 | |
| 32 93 43 00-0576 | EA | 10' Pinus nigra - Austrian Pine | 258.69 | |
| 32 93 43 00-0577 | EA | 12' Pinus nigra - Austrian Pine | 292.85 | |
| 32 93 43 00-0578 | EA | 14' Pinus nigra - Austrian Pine | 327.02 | |
| 32 93 43 00-0579 | EA | 16' Pinus nigra - Austrian Pine | 370.95 | |
| 32 93 43 00-0580 | EA | 1 Gallon Podocarpus - Chinese Podocarpus | 2.28 | |
| 32 93 43 00-0581 | EA | 3 Gallon Podocarpus - Chinese Podocarpus | 5.29 | |
| 32 93 43 00-0582 | EA | 7 Gallon Podocarpus - Chinese Podocarpus | 15.27 | |
| 32 93 43 00-0583 | EA | 15 Gallon Podocarpus - Chinese Podocarpus | 24.81 | |
| 32 93 43 00-0584 | EA | 4' To 5' Podocarpus - Chinese Podocarpus | 38.17 | |
| 32 93 43 00-0585 | EA | 5' To 6' Sequoia sempervirens - Dawn Redwood | 47.72 | |
| 32 93 43 00-0586 | EA | 6' To 8' Sequoia sempervirens - Dawn Redwood | 64.42 | |
| 32 93 43 00-0587 | EA | 8' To 10' Sequoia sempervirens - Dawn Redwood | 78.73 | |
| 32 93 43 00-0588 | EA | 3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae | 9.20 | |
| 32 93 43 00-0589 | EA | 3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae | 20.65 | |
| 32 93 43 00-0590 | EA | 4' Metrosideros excelsus - New Zealand Christmas Tree | 69.60 | |
| 32 93 43 00-0591 | EA | 5' Metrosideros excelsus - New Zealand Christmas Tree | 94.30 | |
| 32 93 43 00-0592 | EA | 6' Metrosideros excelsus - New Zealand Christmas Tree | 160.53 | |
| 32 93 43 00-0593 | EA | 8' Metrosideros excelsus - New Zealand Christmas Tree | 198.70 | |
| 32 93 43 00-0594 | EA | 24" Box Metrosideros excelsus - New Zealand Christmas Tree | 143.04 | |
| 32 93 43 00-0595 | EA | 6' Cedrus decurrens - Incese Cedar | 81.95 | |
| 32 93 43 00-0596 | EA | 8' Cedrus decurrens - Incese Cedar | 169.51 | |
| 32 93 43 00-0597 | EA | 10' Cedrus decurrens - Incese Cedar | 224.52 | |
| 32 93 43 00-0598 | EA | 12' Cedrus decurrens - Incese Cedar | 297.49 | |
| 32 93 43 00-0599 | EA | 6' Pinus canariensis - Canary Island Pine | 269.42 | |
| 32 93 43 00-0600 | EA | 8' Pinus canariensis - Canary Island Pine | 359.23 | |
| 32 93 43 00-0601 | EA | 10' Pinus canariensis - Canary Island Pine | 449.04 | |
| 32 93 43 00-0602 | EA | 12' Pinus canariensis - Canary Island Pine | 538.85 | |
| 32 93 43 00-0603 | EA | 24" Box Pinus canariensis - Canary Island Pine | 277.28 | |
| 32 93 43 00-0604 | EA | 6' Pinus pinea - Italian Stone Pine | 269.42 | |
| 32 93 43 00-0605 | EA | 8' Pinus pinea - Italian Stone Pine | 359.23 | |
| 32 93 43 00-0606 | EA | 10' Pinus pinea - Italian Stone Pine | 449.04 | |
| 32 93 43 00-0607 | EA | 12' Pinus pinea - Italian Stone Pine | 538.85 | |
| 32 93 43 00-0608 | EA | 6' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine | 280.65 | |
| 32 93 43 00-0609 | EA | 8' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine | 370.46 | |
| 32 93 43 00-0610 | EA | 10' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine | 471.49 | |
| 32 93 43 00-0611 | EA | 12' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine | 561.30 | |
| 32 93 43 00-0612 | EA | 24" Box Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine | 131.34 | |
| 32 93 43 00-0613 | EA | 6' Melaleuca linariifolia - Flaxleaf Paperbark | 235.75 | |
| 32 93 43 00-0614 | EA | 8' Melaleuca linariifolia - Flaxleaf Paperbark | 314.33 | |
| 32 93 43 00-0615 | EA | 10' Melaleuca linariifolia - Flaxleaf Paperbark | 392.91 | |
| 32 93 43 00-0616 | EA | 12' Melaleuca linariifolia - Flaxleaf Paperbark | 471.49 | |
| 32 93 43 00-0617 | EA | 24" Box Melaleuca linariifolia - Flaxleaf Paperbark | 233.50 | |
| 32 93 43 00-0618 | EA | 6' Melaleuca quinquenervia - Cajeput Tree | 235.75 | |
| 32 93 43 00-0619 | EA | 8' Melaleuca quinquenervia - Cajeput Tree | 314.33 | |
| 32 93 43 00-0620 | EA | 10' Melaleuca quinquenervia - Cajeput Tree | 392.91 | |
| 32 93 43 00-0621 | EA | 12' Melaleuca quinquenervia - Cajeput Tree | 471.49 | |
| 32 93 43 00-0622 | EA | 24" Box Melaleuca quinquenervia - Cajeput Tree | 131.34 | |
| 32 93 43 00-0623 | EA | 30" Box Melaleuca quinquenervia - Cajeput Tree | 331.17 | |
| 32 93 43 00-0624 | EA | 36" Box Melaleuca quinquenervia - Cajeput Tree | 522.01 | |
| 32 93 43 00-0625 | EA | 6' Pittosporum undulatum - Victorian Box | 148.18 | |
| 32 93 43 00-0626 | EA | 8' Pittosporum undulatum - Victorian Box | 234.62 | |
| 32 93 43 00-0627 | EA | 10' Pittosporum undulatum - Victorian Box | 308.72 | |
| 32 93 43 00-0628 | EA | 1 Gallon Podocarpus macrophyllus - Yew Pine | 5.22 | |
| 32 93 43 00-0629 | EA | 3 Gallon Podocarpus macrophyllus - Yew Pine | 12.24 | |
| 32 93 43 00-0630 | EA | 5 Gallon Podocarpus macrophyllus - Yew Pine | 16.05 | |
| 32 93 43 00-0631 | EA | 15 Gallon Podocarpus macrophyllus - Yew Pine | 69.60 | |
| 32 93 43 00-0632 | EA | 24" Box Podocarpus macrophyllus - Yew Pine | 134.71 | |
| 32 93 43 00-0633 | EA | 24" Box Rhus lancea - African Sumac | 138.64 | |
| 32 93 43 00-0634 | EA | 30" Box Rhus lancea - African Sumac | 224.52 | |
| 32 93 43 00-0635 | EA | 8' Rhus lancea - African Sumac | 336.78 | |
| 32 93 43 00-0636 | EA | 10' Rhus lancea - African Sumac | 376.07 | |
| 32 93 43 00-0637 | EA | 12' Rhus lancea - African Sumac | 449.04 | |
| 32 93 43 00-0638 | EA | 2 Gallon Abies amabilis - Pacific Silver Fir | 27.36 | |
| 32 93 43 00-0639 | EA | 1 Gallon Abies grandis - Grand Fir | 8.33 | |
| 32 93 43 00-0640 | EA | 2 Gallon Abies grandis - Grand Fir | 17.86 | |
| 32 93 43 00-0641 | EA | 5 Gallon Abies grandis - Grand Fir | 36.99 | |
| 32 93 43 00-0642 | EA | 3 Gallon Abies lasiocarpa - Subalpine Fir | 30.93 | |
| 32 93 43 00-0643 | EA | 5 Gallon Abies procera - Noble Fir | 22.08 | |
| 32 93 43 00-0644 | EA | 6' To 8' Gallon Chamaecyparis nootkatensis - Alaska Yellow-Cedar | 209.19 | |
| 32 93 43 00-0645 | EA | 8' To 10' Gallon Chamaecyparis nootkatensis - Alaska Yellow-Cedar | 314.63 | |
| 32 93 43 00-0646 | EA | 1 Gallon Juniperus occidentalis - Western Juniper | 11.29 | |
| 32 93 43 00-0647 | EA | 2 Gallon Juniperus occidentalis - Western Juniper | 22.60 | |
| 32 93 43 00-0648 | EA | 2 Gallon Larix lyallii - Alpine Larch | 23.81 | |
| 32 93 43 00-0649 | EA | 5 Gallon Larix lyallii - Alpine Larch | 47.62 | |
| 32 93 43 00-0650 | EA | 2 Gallon Larix occidentalis - Western Larch | 41.07 | |
| 32 93 43 00-0651 | EA | 1 Gallon Picea engelmannii - Engelmann Spruce | 35.70 | |
| 32 93 43 00-0652 | EA | 3 Gallon Picea engelmannii - Engelmann Spruce | 71.42 | |
| 32 93 43 00-0653 | EA | 5 Gallon Picea engelmannii - Engelmann Spruce | 102.38 | |
| 32 93 43 00-0654 | EA | 1 Gallon Picea sitchensis - Sitka Spruce | 8.33 | |
| 32 93 43 00-0655 | EA | 2 Gallon Picea sitchensis - Sitka Spruce | 17.86 | |
| 32 93 43 00-0656 | EA | 1 Gallon Pinus albicaulis - Whitebark Pine | 11.56 | |
| 32 93 43 00-0657 | EA | 2 Gallon Pinus albicaulis - Whitebark Pine | 17.01 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0658 | EA | 3 Gallon Pinus albicaulis - Whitebark Pine | 22.11 | |
| 32 93 43 00-0659 | EA | 5 Gallon Pinus albicaulis - Whitebark Pine | 33.16 | |
| 32 93 43 00-0660 | EA | 1 Gallon Pinus contorta - Lodgepole Pine | 15.31 | |
| 32 93 43 00-0661 | EA | 2 Gallon Pinus contorta - Lodgepole Pine | 25.51 | |
| 32 93 43 00-0662 | EA | 1 Gallon Pinus monticola - Western White Pine | 15.31 | |
| 32 93 43 00-0663 | EA | 2' To 3' Pinus ponderosa - Ponderosa Pine | 20.41 | |
| 32 93 43 00-0664 | EA | 3' To 4' Pinus ponderosa - Ponderosa Pine | 28.91 | |
| 32 93 43 00-0665 | EA | 4' To 5' Pinus ponderosa - Ponderosa Pine | 37.42 | |
| 32 93 43 00-0666 | EA | 1 Gallon Pseudotsuga menziesii - Douglas Fir | 8.33 | |
| 32 93 43 00-0667 | EA | 2 Gallon Pseudotsuga menziesii - Douglas Fir | 17.86 | |
| 32 93 43 00-0668 | EA | 5 Gallon Pseudotsuga menziesii - Douglas Fir | 36.99 | |
| 32 93 43 00-0669 | EA | 1 Gallon Thuja plicata - Western Red Cedar | 8.33 | |
| 32 93 43 00-0670 | EA | 2 Gallon Thuja plicata - Western Red Cedar | 17.86 | |
| 32 93 43 00-0671 | EA | 1' To 2' Thuja plicata - Western Red Cedar | 23.72 | |
| 32 93 43 00-0672 | EA | 2' To 3' Thuja plicata - Western Red Cedar | 67.94 | |
| 32 93 43 00-0673 | EA | 3' To 4' Thuja plicata - Western Red Cedar | 84.95 | |
| 32 93 43 00-0674 | EA | 4' To 5' Thuja plicata - Western Red Cedar | 135.97 | |
| 32 93 43 00-0675 | EA | 5' To 6' Thuja plicata - Western Red Cedar | 169.98 | |
| 32 93 43 00-0676 | EA | 6' To 7' Thuja plicata - Western Red Cedar | 255.02 | |
| 32 93 43 00-0677 | EA | 1 Gallon Tsuga heterophylla - Western Hemlock | 8.33 | |
| 32 93 43 00-0678 | EA | 2 Gallon Tsuga heterophylla - Western Hemlock | 17.86 | |
| 32 93 43 00-0679 | EA | 5 Gallon Tsuga heterophylla - Western Hemlock | 36.99 | |
| 32 93 43 00-0680 | EA | 4' to 6' Tsuga heterophylla - Western Hemlock | 134.36 | |
| 32 93 43 00-0681 | EA | 6' to 8' Tsuga heterophylla - Western Hemlock | 209.19 | |
| 32 93 43 00-0682 | EA | 8' to 10' Tsuga heterophylla - Western Hemlock | 331.64 | |
| 32 93 43 00-0683 | EA | 10' to 12' Tsuga heterophylla - Western Hemlock | 450.69 | |
| 32 93 43 00-0684 | EA | 12' to 14' Tsuga heterophylla - Western Hemlock | 552.73 | |
| 32 93 43 00-0685 | EA | 1 Gallon Tsuga mertensiana - Mountain Hemlock | 15.45 | |
| 32 93 43 00-0686 | EA | 2 Gallon Tsuga mertensiana - Mountain Hemlock | 22.60 | |
| 32 93 43 00-0687 | EA | 1 Gallon Taxus brevifolia - Pacific Yew | 21.40 | |

## 32 93 43 00-0688 Palm And Subtropical Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

| | | | | |
|---|---|---|---|---|
| 32 93 43 00-0689 | EA | 9' Ptychosperma elegans - Alexander Palm, Solitaire Palm | 136.60 | |
| 32 93 43 00-0690 | EA | 11' Ptychosperma elegans - Alexander Palm, Solitaire Palm | 227.68 | |
| 32 93 43 00-0691 | EA | 15' Ptychosperma elegans - Alexander Palm, Solitaire Palm | 346.07 | |
| 32 93 43 00-0692 | EA | 17' Ptychosperma elegans - Alexander Palm, Solitaire Palm | 391.60 | |
| 32 93 43 00-0693 | EA | 20' Ptychosperma elegans - Alexander Palm, Solitaire Palm | 455.35 | |
| 32 93 43 00-0694 | EA | 4' To 5' Bauninia blakeana - Hong Kong Orchid | 391.60 | |
| 32 93 43 00-0695 | EA | 6' Bauninia blakeana - Hong Kong Orchid | 464.46 | |
| 32 93 43 00-0696 | EA | 8' Bauninia blakeana - Hong Kong Orchid | 619.28 | |
| 32 93 43 00-0697 | EA | 10' Bauninia blakeana - Hong Kong Orchid | 774.10 | |
| 32 93 43 00-0698 | EA | 4' To 5' Acacia baileyana - Bailey Acacia | 198.66 | |
| 32 93 43 00-0699 | EA | 6' Acacia baileyana - Bailey Acacia | 238.39 | |
| 32 93 43 00-0700 | EA | 8' Acacia baileyana - Bailey Acacia | 278.12 | |
| 32 93 43 00-0701 | EA | 10' Acacia baileyana - Bailey Acacia | 347.66 | |
| 32 93 43 00-0702 | EA | 6' Agonis flexuosa - Peppermint Tree | 119.20 | |
| 32 93 43 00-0703 | EA | 8' Agonis flexuosa - Peppermint Tree | 149.00 | |
| 32 93 43 00-0704 | EA | 10' Agonis flexuosa - Peppermint Tree | 178.79 | |
| 32 93 43 00-0705 | EA | 24" Box Agonis flexuosa - Peppermint Tree | 148.50 | |
| 32 93 43 00-0706 | EA | 6' Bauhinia purpurea - Purple Orchid Tree | 491.78 | |
| 32 93 43 00-0707 | EA | 8' Bauhinia purpurea - Purple Orchid Tree | 655.70 | |
| 32 93 43 00-0708 | EA | 10' Bauhinia purpurea - Purple Orchid Tree | 819.63 | |
| 32 93 43 00-0709 | EA | 24" Box Bauhinia purpurea - Purple Orchid Tree | 213.10 | |
| 32 93 43 00-0710 | EA | 6' Bauhinia variegata candida - White Orchid Tree | 546.42 | |
| 32 93 43 00-0711 | EA | 8' Bauhinia variegata candida - White Orchid Tree | 728.56 | |
| 32 93 43 00-0712 | EA | 10' Bauhinia variegata candida - White Orchid Tree | 910.70 | |
| 32 93 43 00-0713 | EA | 6' Callistemon citrinus - Crimson or Lemon Bottle Brush | 268.19 | |
| 32 93 43 00-0714 | EA | 8' Callistemon citrinus - Crimson or Lemon Bottle Brush | 357.59 | |
| 32 93 43 00-0715 | EA | 10' Callistemon citrinus - Crimson or Lemon Bottle Brush | 446.98 | |
| 32 93 43 00-0716 | EA | 6' Eriobotrya deflexa - Bronze Loquat | 491.78 | |
| 32 93 43 00-0717 | EA | 8' Eriobotrya deflexa - Bronze Loquat | 655.70 | |
| 32 93 43 00-0718 | EA | 10' Eriobotrya deflexa - Bronze Loquat | 819.63 | |
| 32 93 43 00-0719 | EA | 6' Eucalyptus erythrocorys - Red Cap Gum | 491.78 | |
| 32 93 43 00-0720 | EA | 8' Eucalyptus erythrocorys - Red Cap Gum | 655.70 | |
| 32 93 43 00-0721 | EA | 10' Eucalyptus erythrocorys - Red Cap Gum | 819.63 | |
| 32 93 43 00-0722 | EA | 6' Eucalyptus torquala - Coral Gum | 491.78 | |
| 32 93 43 00-0723 | EA | 8' Eucalyptus torquala - Coral Gum | 655.70 | |
| 32 93 43 00-0724 | EA | 10' Eucalyptus torquala - Coral Gum | 819.63 | |
| 32 93 43 00-0725 | EA | 8' Fraxinus oxycarpa "Raywood" - Raywood Ash | 278.12 | |
| 32 93 43 00-0726 | EA | 10' Fraxinus oxycarpa "Raywood" - Raywood Ash | 377.45 | |
| 32 93 43 00-0727 | EA | 12' Fraxinus oxycarpa "Raywood" - Raywood Ash | 466.85 | |
| 32 93 43 00-0728 | EA | 6' Washingtonia robusta - Mexican Fan Palm | 491.78 | |
| 32 93 43 00-0729 | EA | 8' Washingtonia robusta - Mexican Fan Palm | 655.70 | |
| 32 93 43 00-0730 | EA | 10' Washingtonia robusta - Mexican Fan Palm | 819.63 | |
| 32 93 43 00-0731 | EA | 12' Washingtonia robusta - Mexican Fan Palm | 983.56 | |
| 32 93 43 00-0732 | EA | 6' Olea europaea - Olive "Fruitless" | 303.10 | |
| 32 93 43 00-0733 | EA | 8' Olea europaea - Olive "Fruitless" | 404.14 | |
| 32 93 43 00-0734 | EA | 10' Olea europaea - Olive "Fruitless" | 505.17 | |
| 32 93 43 00-0735 | EA | 12' Olea europaea - Olive "Fruitless" | 606.20 | |
| 32 93 43 00-0736 | EA | 24" Box Olea europaea - Olive "Fruitless" | 372.70 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 43 00-0737 | EA | 6' Eucalyptus polyanthemos - Silver Dollar Gum | 491.78 | |
| 32 93 43 00-0738 | EA | 8' Eucalyptus polyanthemos - Silver Dollar Gum | 655.70 | |
| 32 93 43 00-0739 | EA | 10' Eucalyptus polyanthemos - Silver Dollar Gum | 819.63 | |
| 32 93 43 00-0740 | EA | 6' Eucalyptus leucoxylon - White Ironbark | 491.78 | |
| 32 93 43 00-0741 | EA | 8' Eucalyptus leucoxylon - White Ironbark | 655.70 | |
| 32 93 43 00-0742 | EA | 10' Eucalyptus leucoxylon - White Ironbark | 819.63 | |
| 32 93 43 00-0743 | EA | 12' Eucalyptus leucoxylon - White Ironbark | 983.56 | |
| 32 93 43 00-0744 | EA | 6' Callistemon viminalis - Weeping Bottle Brush | 268.19 | |
| 32 93 43 00-0745 | EA | 8' Callistemon viminalis - Weeping Bottle Brush | 357.59 | |
| 32 93 43 00-0746 | EA | 10' Callistemon viminalis - Weeping Bottle Brush | 446.98 | |
| 32 93 43 00-0747 | EA | 12' Callistemon viminalis - Weeping Bottle Brush | 536.38 | |
| 32 93 43 00-0748 | EA | 6' Eucalyptus gunnii - Cider Gum | 491.78 | |
| 32 93 43 00-0749 | EA | 8' Eucalyptus gunnii - Cider Gum | 655.70 | |
| 32 93 43 00-0750 | EA | 10' Eucalyptus gunnii - Cider Gum | 819.63 | |
| 32 93 43 00-0751 | EA | 6' Jacarandra acutifolia - Jacaranda | 491.78 | |
| 32 93 43 00-0752 | EA | 8' Jacarandra acutifolia - Jacaranda | 655.70 | |
| 32 93 43 00-0753 | EA | 10' Jacarandra acutifolia - Jacaranda | 819.63 | |
| 32 93 43 00-0754 | EA | 24" Box Jacarandra acutifolia - Jacaranda | 213.10 | |
| 32 93 43 00-0755 | EA | 5 Gallon Pistacia chinensis - Chinese Pistache | 32.79 | |
| 32 93 43 00-0756 | EA | 15 Gallon Pistacia chinensis - Chinese Pistache | 109.28 | |
| 32 93 43 00-0757 | EA | 24" Box Pistacia chinensis - Chinese Pistache | 424.39 | |
| 32 93 43 00-0758 | EA | 36" Box Pistacia chinensis - Chinese Pistache | 1,129.27 | |
| 32 93 43 00-0759 | EA | 48" Box Pistacia chinensis - Chinese Pistache | 2,404.25 | |
| 32 93 43 00-0760 | EA | 5 Gallon Pyrus kawakamii - Evergreen Pear, Single | 18.48 | |
| 32 93 43 00-0761 | EA | 15 Gallon Pyrus kawakamii - Evergreen Pear, Single | 61.58 | |
| 32 93 43 00-0762 | EA | 24" Box Pyrus kawakamii - Evergreen Pear, Single | 231.44 | |
| 32 93 43 00-0763 | EA | 30" Box Pyrus kawakamii - Evergreen Pear, Single | 423.15 | |
| 32 93 43 00-0764 | EA | 36" Box Pyrus kawakamii - Evergreen Pear, Single | 615.85 | |
| 32 93 43 00-0765 | EA | 5 Gallon Pyrus kawakamii - Evergreen Pear, Multi | 18.48 | |
| 32 93 43 00-0766 | EA | 15 Gallon Pyrus kawakamii - Evergreen Pear, Multi | 65.56 | |
| 32 93 43 00-0767 | EA | 24" Box Pyrus kawakamii - Evergreen Pear, Multi | 238.39 | |
| 32 93 43 00-0768 | EA | 30" Box Pyrus kawakamii - Evergreen Pear, Multi | 423.15 | |
| 32 93 43 00-0769 | EA | 36" Box Pyrus kawakamii - Evergreen Pear, Multi | 615.85 | |

## 32 93 83 Planting of Trees, Shrubs and Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

### 32 93 83 00-0001 Planting Trees *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

| | | | |
|---|---|---|---|
| 32 93 83 00-0002 | EA | 3" To 5" Bare Root Seedlings Tree Planting | 1.07 |
| 32 93 83 00-0003 | EA | 6" To 10" Bare Root Seedlings Tree Planting | 1.72 |
| 32 93 83 00-0004 | EA | 11" To 16" Bare Root Seedlings Tree Planting | 2.15 |
| 32 93 83 00-0005 | EA | 17" To 24" Bare Root Seedlings Tree Planting | 3.44 |
| 32 93 83 00-0006 | EA | 1 Gallon Container Tree Planting | 17.20 |
| | | *For >10 To 25, Deduct* | *-0.86* |
| | | *For >25 To 50, Deduct* | *-2.15* |
| | | *For >50 To 100, Deduct* | *-3.44* |
| | | *For >100, Deduct* | *-5.16* |
| 32 93 83 00-0007 | EA | 2 Gallon Container Tree Planting | 24.08 |
| | | *For >10 To 25, Deduct* | *-1.20* |
| | | *For >25 To 50, Deduct* | *-3.01* |
| | | *For >50 To 100, Deduct* | *-4.82* |
| | | *For >100, Deduct* | *-7.22* |
| 32 93 83 00-0008 | EA | 3 Gallon Container Tree Planting | 30.96 |
| | | *For >10 To 25, Deduct* | *-1.55* |
| | | *For >25 To 50, Deduct* | *-3.87* |
| | | *For >50 To 100, Deduct* | *-6.19* |
| | | *For >100, Deduct* | *-9.29* |
| 32 93 83 00-0009 | EA | 5 Gallon Container Tree Planting | 51.60 |
| | | *For >10 To 25, Deduct* | *-2.58* |
| | | *For >25 To 50, Deduct* | *-6.45* |
| | | *For >50 To 100, Deduct* | *-10.32* |
| | | *For >100, Deduct* | *-15.48* |
| 32 93 83 00-0010 | EA | 7 Gallon Container Tree Planting | 68.79 |
| | | *For >10 To 25, Deduct* | *-3.44* |
| | | *For >25 To 50, Deduct* | *-8.60* |
| | | *For >50 To 100, Deduct* | *-13.76* |
| | | *For >100, Deduct* | *-20.64* |
| 32 93 83 00-0011 | EA | 10 Gallon Container Tree Planting | 89.44 |
| | | *For >10 To 25, Deduct* | *-4.47* |
| | | *For >25 To 50, Deduct* | *-11.18* |
| | | *For >50 To 100, Deduct* | *-17.89* |
| | | *For >100, Deduct* | *-26.83* |
| 32 93 83 00-0012 | EA | 15 Gallon Container Tree Planting | 127.27 |
| | | *For >10 To 25, Deduct* | *-6.36* |
| | | *For >25 To 50, Deduct* | *-15.91* |
| | | *For >50 To 100, Deduct* | *-25.45* |
| | | *For >100, Deduct* | *-38.18* |
| 32 93 83 00-0013 | EA | 20 Gallon Container Tree Planting | 209.83 |
| | | *For >10 To 25, Deduct* | *-10.49* |
| | | *For >25 To 50, Deduct* | *-26.23* |
| | | *For >50 To 100, Deduct* | *-41.97* |
| | | *For >100, Deduct* | *-62.95* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 83 00-0014 | EA | 25 Gallon Container Tree Planting | 271.74 | |
| | | *For >10 To 25, Deduct* | *-13.59* | |
| | | *For >25 To 50, Deduct* | *-33.97* | |
| | | *For >50 To 100, Deduct* | *-54.35* | |
| | | *For >100, Deduct* | *-81.52* | |
| 32 93 83 00-0015 | EA | 30 Gallon Container Tree Planting | 326.78 | |
| | | *For >10 To 25, Deduct* | *-16.34* | |
| | | *For >25 To 50, Deduct* | *-40.85* | |
| | | *For >50 To 100, Deduct* | *-65.36* | |
| | | *For >100, Deduct* | *-98.03* | |
| 32 93 83 00-0016 | EA | 45 Gallon Container Tree Planting | 405.90 | |
| | | *For >10 To 25, Deduct* | *-20.30* | |
| | | *For >25 To 50, Deduct* | *-50.74* | |
| | | *For >50 To 100, Deduct* | *-81.18* | |
| | | *For >100, Deduct* | *-121.77* | |
| 32 93 83 00-0017 | EA | 65 Gallon Container Tree Planting | 481.57 | |
| | | *For >10 To 25, Deduct* | *-24.08* | |
| | | *For >25 To 50, Deduct* | *-60.20* | |
| | | *For >50 To 100, Deduct* | *-96.31* | |
| | | *For >100, Deduct* | *-144.47* | |
| 32 93 83 00-0018 | EA | 6' Balled And Burlapped Tree Planting | 171.99 | |
| | | *For >10 To 25, Deduct* | *-8.60* | |
| | | *For >25 To 50, Deduct* | *-21.50* | |
| | | *For >50 To 100, Deduct* | *-34.40* | |
| | | *For >100, Deduct* | *-51.60* | |
| 32 93 83 00-0019 | EA | 7' Balled And Burlapped Tree Planting | 229.09 | |
| | | *For >10 To 25, Deduct* | *-11.45* | |
| | | *For >25 To 50, Deduct* | *-28.64* | |
| | | *For >50 To 100, Deduct* | *-45.82* | |
| | | *For >100, Deduct* | *-68.73* | |
| 32 93 83 00-0020 | EA | 8' Balled And Burlapped Tree Planting | 257.99 | |
| | | *For >10 To 25, Deduct* | *-12.90* | |
| | | *For >25 To 50, Deduct* | *-32.25* | |
| | | *For >50 To 100, Deduct* | *-51.60* | |
| | | *For >100, Deduct* | *-77.40* | |
| 32 93 83 00-0021 | EA | 10' Balled And Burlapped Tree Planting | 300.99 | |
| | | *For >10 To 25, Deduct* | *-15.05* | |
| | | *For >25 To 50, Deduct* | *-37.62* | |
| | | *For >50 To 100, Deduct* | *-60.20* | |
| | | *For >100, Deduct* | *-90.30* | |
| 32 93 83 00-0022 | EA | 12' Balled And Burlapped Tree Planting | 402.46 | |
| | | *For >10 To 25, Deduct* | *-20.12* | |
| | | *For >25 To 50, Deduct* | *-50.31* | |
| | | *For >50 To 100, Deduct* | *-80.49* | |
| | | *For >100, Deduct* | *-120.74* | |
| 32 93 83 00-0023 | EA | 14' Balled And Burlapped Tree Planting | 460.94 | |
| | | *For >10 To 25, Deduct* | *-23.05* | |
| | | *For >25 To 50, Deduct* | *-57.62* | |
| | | *For >50 To 100, Deduct* | *-92.19* | |
| | | *For >100, Deduct* | *-138.28* | |
| 32 93 83 00-0024 | EA | 16' Balled And Burlapped Tree Planting | 558.97 | |
| | | *For >10 To 25, Deduct* | *-27.95* | |
| | | *For >25 To 50, Deduct* | *-69.87* | |
| | | *For >50 To 100, Deduct* | *-111.79* | |
| | | *For >100, Deduct* | *-167.69* | |
| 32 93 83 00-0025 | EA | 18' Balled And Burlapped Tree Planting | 670.76 | |
| | | *For >10 To 25, Deduct* | *-33.54* | |
| | | *For >25 To 50, Deduct* | *-83.85* | |
| | | *For >50 To 100, Deduct* | *-134.15* | |
| | | *For >100, Deduct* | *-201.23* | |
| 32 93 83 00-0026 | EA | 20' Balled And Burlapped Tree Planting | 773.96 | |
| | | *For >10 To 25, Deduct* | *-38.70* | |
| | | *For >25 To 50, Deduct* | *-96.75* | |
| | | *For >50 To 100, Deduct* | *-154.79* | |
| | | *For >100, Deduct* | *-232.19* | |
| 32 93 83 00-0027 | EA | 1-1/2" Caliper Balled And Burlapped Tree Planting | 257.99 | |
| | | *For >10 To 25, Deduct* | *-12.90* | |
| | | *For >25 To 50, Deduct* | *-32.25* | |
| | | *For >50 To 100, Deduct* | *-51.60* | |
| | | *For >100, Deduct* | *-77.40* | |
| 32 93 83 00-0028 | EA | 2" Caliper Balled And Burlapped Tree Planting | 300.99 | |
| | | *For >10 To 25, Deduct* | *-15.05* | |
| | | *For >25 To 50, Deduct* | *-37.62* | |
| | | *For >50 To 100, Deduct* | *-60.20* | |
| | | *For >100, Deduct* | *-90.30* | |
| 32 93 83 00-0029 | EA | 2-1/2" Caliper Balled And Burlapped Tree Planting | 404.18 | |
| | | *For >10 To 25, Deduct* | *-20.21* | |
| | | *For >25 To 50, Deduct* | *-50.52* | |
| | | *For >50 To 100, Deduct* | *-80.84* | |
| | | *For >100, Deduct* | *-121.25* | |
| 32 93 83 00-0030 | EA | 3" Caliper Balled And Burlapped Tree Planting | 464.37 | |
| | | *For >10 To 25, Deduct* | *-23.22* | |
| | | *For >25 To 50, Deduct* | *-58.05* | |
| | | *For >50 To 100, Deduct* | *-92.87* | |
| | | *For >100, Deduct* | *-139.31* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 83 00-0031 | EA | 3-1/2" Caliper Balled And Burlapped Tree Planting | 515.97 | |
| | | *For >10 To 25, Deduct* | *-25.80* | |
| | | *For >25 To 50, Deduct* | *-64.50* | |
| | | *For >50 To 100, Deduct* | *-103.19* | |
| | | *For >100, Deduct* | *-154.79* | |
| 32 93 83 00-0032 | EA | 4" Caliper Balled And Burlapped Tree Planting | 591.64 | |
| | | *For >10 To 25, Deduct* | *-29.58* | |
| | | *For >25 To 50, Deduct* | *-73.96* | |
| | | *For >50 To 100, Deduct* | *-118.33* | |
| | | *For >100, Deduct* | *-177.49* | |
| 32 93 83 00-0033 | | Planting Shrubs *(32 93 83)* | | |
| | | Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch. | | |
| 32 93 83 00-0034 | EA | 1 Gallon Container Shrub Planting | 14.63 | |
| | | *For >10 To 25, Deduct* | *-0.73* | |
| | | *For >25 To 50, Deduct* | *-1.83* | |
| | | *For >50 To 100, Deduct* | *-2.93* | |
| | | *For >100, Deduct* | *-4.39* | |
| 32 93 83 00-0035 | EA | 2 Gallon Container Shrub Planting | 20.63 | |
| | | *For >10 To 25, Deduct* | *-1.03* | |
| | | *For >25 To 50, Deduct* | *-2.58* | |
| | | *For >50 To 100, Deduct* | *-4.13* | |
| | | *For >100, Deduct* | *-6.19* | |
| 32 93 83 00-0036 | EA | 3 Gallon Container Shrub Planting | 25.80 | |
| | | *For >10 To 25, Deduct* | *-1.29* | |
| | | *For >25 To 50, Deduct* | *-3.23* | |
| | | *For >50 To 100, Deduct* | *-5.16* | |
| | | *For >100, Deduct* | *-7.74* | |
| 32 93 83 00-0037 | EA | 4 Gallon Container Shrub Planting | 34.40 | |
| | | *For >10 To 25, Deduct* | *-1.72* | |
| | | *For >25 To 50, Deduct* | *-4.30* | |
| | | *For >50 To 100, Deduct* | *-6.88* | |
| | | *For >100, Deduct* | *-10.32* | |
| 32 93 83 00-0038 | EA | 5 Gallon Container Shrub Planting | 43.00 | |
| | | *For >10 To 25, Deduct* | *-2.15* | |
| | | *For >25 To 50, Deduct* | *-5.38* | |
| | | *For >50 To 100, Deduct* | *-8.60* | |
| | | *For >100, Deduct* | *-12.90* | |
| 32 93 83 00-0039 | EA | 7 Gallon Container Shrub Planting | 58.48 | |
| | | *For >10 To 25, Deduct* | *-2.92* | |
| | | *For >25 To 50, Deduct* | *-7.31* | |
| | | *For >50 To 100, Deduct* | *-11.70* | |
| | | *For >100, Deduct* | *-17.54* | |
| 32 93 83 00-0040 | EA | 10 Gallon Container Shrub Planting | 77.39 | |
| | | *For >10 To 25, Deduct* | *-3.87* | |
| | | *For >25 To 50, Deduct* | *-9.67* | |
| | | *For >50 To 100, Deduct* | *-15.48* | |
| | | *For >100, Deduct* | *-23.22* | |
| 32 93 83 00-0041 | EA | 15 Gallon Container Shrub Planting | 106.64 | |
| | | *For >10 To 25, Deduct* | *-5.33* | |
| | | *For >25 To 50, Deduct* | *-13.33* | |
| | | *For >50 To 100, Deduct* | *-21.33* | |
| | | *For >100, Deduct* | *-31.99* | |
| 32 93 83 00-0042 | EA | 20 Gallon Container Shrub Planting | 178.87 | |
| | | *For >10 To 25, Deduct* | *-8.94* | |
| | | *For >25 To 50, Deduct* | *-22.36* | |
| | | *For >50 To 100, Deduct* | *-35.77* | |
| | | *For >100, Deduct* | *-53.66* | |
| 32 93 83 00-0043 | EA | 25 Gallon Container Shrub Planting | 229.09 | |
| | | *For >10 To 25, Deduct* | *-11.45* | |
| | | *For >25 To 50, Deduct* | *-28.64* | |
| | | *For >50 To 100, Deduct* | *-45.82* | |
| | | *For >100, Deduct* | *-68.73* | |
| 32 93 83 00-0044 | EA | 15" Balled And Burlapped Shrub Planting | 48.16 | |
| | | *For >10 To 25, Deduct* | *-2.41* | |
| | | *For >25 To 50, Deduct* | *-6.02* | |
| | | *For >50 To 100, Deduct* | *-9.63* | |
| | | *For >100, Deduct* | *-14.45* | |
| 32 93 83 00-0045 | EA | 18" Balled And Burlapped Shrub Planting | 49.88 | |
| | | *For >10 To 25, Deduct* | *-2.49* | |
| | | *For >25 To 50, Deduct* | *-6.24* | |
| | | *For >50 To 100, Deduct* | *-9.98* | |
| | | *For >100, Deduct* | *-14.96* | |
| 32 93 83 00-0046 | EA | 24" Balled And Burlapped Shrub Planting | 55.04 | |
| | | *For >10 To 25, Deduct* | *-2.75* | |
| | | *For >25 To 50, Deduct* | *-6.88* | |
| | | *For >50 To 100, Deduct* | *-11.01* | |
| | | *For >100, Deduct* | *-16.51* | |
| 32 93 83 00-0047 | EA | 30" Balled And Burlapped Shrub Planting | 55.04 | |
| | | *For >10 To 25, Deduct* | *-2.75* | |
| | | *For >25 To 50, Deduct* | *-6.88* | |
| | | *For >50 To 100, Deduct* | *-11.01* | |
| | | *For >100, Deduct* | *-16.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 83 00-0048 | EA | 36" Balled And Burlapped Shrub Planting | 60.20 | |
| | | *For >10 To 25, Deduct* | *-3.01* | |
| | | *For >25 To 50, Deduct* | *-7.53* | |
| | | *For >50 To 100, Deduct* | *-12.04* | |
| | | *For >100, Deduct* | *-18.06* | |
| 32 93 83 00-0049 | EA | 42" Balled And Burlapped Shrub Planting | 63.64 | |
| | | *For >10 To 25, Deduct* | *-3.18* | |
| | | *For >25 To 50, Deduct* | *-7.96* | |
| | | *For >50 To 100, Deduct* | *-12.73* | |
| | | *For >100, Deduct* | *-19.09* | |
| 32 93 83 00-0050 | EA | 48" Balled And Burlapped Shrub Planting | 68.79 | |
| | | *For >10 To 25, Deduct* | *-3.44* | |
| | | *For >25 To 50, Deduct* | *-8.60* | |
| | | *For >50 To 100, Deduct* | *-13.76* | |
| | | *For >100, Deduct* | *-20.64* | |
| 32 93 83 00-0051 | EA | 5' Balled And Burlapped Shrub Planting | 103.19 | |
| | | *For >10 To 25, Deduct* | *-5.16* | |
| | | *For >25 To 50, Deduct* | *-12.90* | |
| | | *For >50 To 100, Deduct* | *-20.64* | |
| | | *For >100, Deduct* | *-30.96* | |
| 32 93 83 00-0052 | EA | 6' Balled And Burlapped Shrub Planting | 146.19 | |
| | | *For >10 To 25, Deduct* | *-7.31* | |
| | | *For >25 To 50, Deduct* | *-18.27* | |
| | | *For >50 To 100, Deduct* | *-29.24* | |
| | | *For >100, Deduct* | *-43.86* | |
| 32 93 83 00-0053 | EA | 7' Balled And Burlapped Shrub Planting | 194.35 | |
| | | *For >10 To 25, Deduct* | *-9.72* | |
| | | *For >25 To 50, Deduct* | *-24.29* | |
| | | *For >50 To 100, Deduct* | *-38.87* | |
| | | *For >100, Deduct* | *-58.31* | |
| 32 93 83 00-0054 | EA | 8' Balled And Burlapped Shrub Planting | 220.15 | |
| | | *For >10 To 25, Deduct* | *-11.01* | |
| | | *For >25 To 50, Deduct* | *-27.52* | |
| | | *For >50 To 100, Deduct* | *-44.03* | |
| | | *For >100, Deduct* | *-66.05* | |
| 32 93 83 00-0055 | EA | 9' Balled And Burlapped Shrub Planting | 237.35 | |
| | | *For >10 To 25, Deduct* | *-11.87* | |
| | | *For >25 To 50, Deduct* | *-29.67* | |
| | | *For >50 To 100, Deduct* | *-47.47* | |
| | | *For >100, Deduct* | *-71.21* | |
| 32 93 83 00-0056 | EA | 10' Balled And Burlapped Shrub Planting | 257.99 | |
| | | *For >10 To 25, Deduct* | *-12.90* | |
| | | *For >25 To 50, Deduct* | *-32.25* | |
| | | *For >50 To 100, Deduct* | *-51.60* | |
| | | *For >100, Deduct* | *-77.40* | |

### 32 93 83 00-0057 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 83)*

See CSI section 32 91 13 16-0001 for mulch.

| | | | | |
|---|---|---|---|---|
| 32 93 83 00-0058 | EA | 2-1/4" Diameter Potted Groundcover And Flower Planting | 1.44 | |
| | | *For >10 To 25, Deduct* | *-0.07* | |
| | | *For >25 To 50, Deduct* | *-0.18* | |
| | | *For >50 To 100, Deduct* | *-0.29* | |
| | | *For >100, Deduct* | *-0.43* | |
| 32 93 83 00-0059 | EA | 3" Diameter Potted Groundcover And Flower Planting | 1.64 | |
| | | *For >10 To 25, Deduct* | *-0.08* | |
| | | *For >25 To 50, Deduct* | *-0.21* | |
| | | *For >50 To 100, Deduct* | *-0.33* | |
| | | *For >100, Deduct* | *-0.49* | |
| 32 93 83 00-0060 | EA | 4" Diameter Potted Groundcover And Flower Planting | 1.91 | |
| | | *For >10 To 25, Deduct* | *-0.10* | |
| | | *For >25 To 50, Deduct* | *-0.24* | |
| | | *For >50 To 100, Deduct* | *-0.38* | |
| | | *For >100, Deduct* | *-0.57* | |
| 32 93 83 00-0061 | EA | 5-1/2" Diameter Potted Groundcover And Flower Planting | 2.29 | |
| | | *For >10 To 25, Deduct* | *-0.11* | |
| | | *For >25 To 50, Deduct* | *-0.29* | |
| | | *For >50 To 100, Deduct* | *-0.46* | |
| | | *For >100, Deduct* | *-0.69* | |
| 32 93 83 00-0062 | EA | 6" Diameter Potted Groundcover And Flower Planting | 2.86 | |
| | | *For >10 To 25, Deduct* | *-0.14* | |
| | | *For >25 To 50, Deduct* | *-0.36* | |
| | | *For >50 To 100, Deduct* | *-0.57* | |
| | | *For >100, Deduct* | *-0.86* | |
| 32 93 83 00-0063 | EA | 8" Diameter Potted Groundcover And Flower Planting | 4.30 | |
| | | *For >10 To 25, Deduct* | *-0.22* | |
| | | *For >25 To 50, Deduct* | *-0.54* | |
| | | *For >50 To 100, Deduct* | *-0.86* | |
| | | *For >100, Deduct* | *-1.29* | |
| 32 93 83 00-0064 | EA | 1 Gallon Container Groundcover And Flower Planting | 13.76 | |
| | | *For >10 To 25, Deduct* | *-0.69* | |
| | | *For >25 To 50, Deduct* | *-1.72* | |
| | | *For >50 To 100, Deduct* | *-2.75* | |
| | | *For >100, Deduct* | *-4.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 93 83 00-0065 | EA | 2 Gallon Container Groundcover And Flower Planting | 18.92 | |
| | | *For >10 To 25, Deduct* | *-0.95* | |
| | | *For >25 To 50, Deduct* | *-2.37* | |
| | | *For >50 To 100, Deduct* | *-3.78* | |
| | | *For >100, Deduct* | *-5.68* | |
| 32 93 83 00-0066 | EA | 3 Gallon Container Groundcover And Flower Planting | 24.08 | |
| | | *For >10 To 25, Deduct* | *-1.20* | |
| | | *For >25 To 50, Deduct* | *-3.01* | |
| | | *For >50 To 100, Deduct* | *-4.82* | |
| | | *For >100, Deduct* | *-7.22* | |
| 32 93 83 00-0067 | EA | 4 Gallon Container Groundcover And Flower Planting | 30.96 | |
| | | *For >10 To 25, Deduct* | *-1.55* | |
| | | *For >25 To 50, Deduct* | *-3.87* | |
| | | *For >50 To 100, Deduct* | *-6.19* | |
| | | *For >100, Deduct* | *-9.29* | |
| 32 93 83 00-0068 | EA | 5 Gallon Container Groundcover And Flower Planting | 37.83 | |
| | | *For >10 To 25, Deduct* | *-1.89* | |
| | | *For >25 To 50, Deduct* | *-4.73* | |
| | | *For >50 To 100, Deduct* | *-7.57* | |
| | | *For >100, Deduct* | *-11.35* | |
| 32 93 83 00-0069 | EA | 7 Gallon Container Groundcover And Flower Planting | 51.60 | |
| | | *For >10 To 25, Deduct* | *-2.58* | |
| | | *For >25 To 50, Deduct* | *-6.45* | |
| | | *For >50 To 100, Deduct* | *-10.32* | |
| | | *For >100, Deduct* | *-15.48* | |
| 32 93 83 00-0070 | EA | Bulb Planting | 0.86 | |
| | | *For >10 To 25, Deduct* | *-0.04* | |
| | | *For >25 To 50, Deduct* | *-0.11* | |
| | | *For >50 To 100, Deduct* | *-0.17* | |
| | | *For >100, Deduct* | *-0.26* | |
| 32 93 83 00-0071 | EA | Flats Of 24 Groundcover And Flower Planting | 24.08 | |
| | | *For >10 To 25, Deduct* | *-1.20* | |
| | | *For >25, Deduct* | *-3.01* | |
| 32 93 83 00-0072 | EA | Flats Of 36 Groundcover And Flower Planting | 34.15 | |
| | | *For >10 To 25, Deduct* | *-1.71* | |
| | | *For >25, Deduct* | *-4.27* | |
| 32 93 83 00-0073 | EA | Flats Of 48 Groundcover And Flower Planting | 45.47 | |
| | | *For >10 To 25, Deduct* | *-2.27* | |
| | | *For >25, Deduct* | *-5.68* | |

### 32 93 83 00-0074 Tree Pits *(32 93 83)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

| | | | | |
|---|---|---|---|---|
| 32 93 83 00-0075 | EA | 2' x 1-1/4' Deep Tree Pit | 93.06 | |
| 32 93 83 00-0076 | EA | 2' x 2-1/2' Deep Tree Pit | 139.58 | |
| 32 93 83 00-0077 | EA | 2-1/2' x 1-1/2' Deep Tree Pit | 180.92 | |
| 32 93 83 00-0078 | EA | 2-1/2' x 3' Deep Tree Pit | 271.34 | |
| 32 93 83 00-0079 | EA | 3' x 1-3/4' Deep Tree Pit | 278.08 | |
| 32 93 83 00-0080 | EA | 3' x 3-1/2' Deep Tree Pit | 414.81 | |
| 32 93 83 00-0081 | EA | 3-1/2' x 1-3/4' Deep Tree Pit | 340.06 | |
| 32 93 83 00-0082 | EA | 3-1/2' x 3-1/2' Deep Tree Pit | 509.32 | |
| 32 93 83 00-0083 | EA | 4' x 2' Deep Tree Pit | 406.19 | |
| 32 93 83 00-0084 | EA | 4' x 4' Deep Tree Pit | 608.93 | |
| 32 93 83 00-0085 | EA | 4-1/2' x 2' Deep Tree Pit | 583.52 | |
| 32 93 83 00-0086 | EA | 4-1/2' x 4' Deep Tree Pit | 877.14 | |
| 32 93 83 00-0087 | EA | 5' x 2-1/4' Deep Tree Pit | 776.18 | |
| 32 93 83 00-0088 | EA | 5' x 4-1/2' Deep Tree Pit | 1,155.47 | |
| 32 93 83 00-0089 | EA | 6' x 2-1/2' Deep Tree Pit | 1,100.82 | |
| 32 93 83 00-0090 | EA | 6' x 5' Deep Tree Pit | 1,648.59 | |
| 32 93 83 00-0091 | EA | 7' x 3' Deep Tree Pit | 1,853.72 | |
| 32 93 83 00-0092 | EA | 7' x 6' Deep Tree Pit | 2,796.62 | |
| 32 93 83 00-0093 | EA | 8' x 3-1/4' Deep Tree Pit | 2,545.82 | |
| 32 93 83 00-0094 | EA | 8' x 6-1/2' Deep Tree Pit | 3,816.97 | |

## 32 94 Planting Accessories *(32 90)*

### 32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

### 32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

| | | | | |
|---|---|---|---|---|
| 32 94 13 00-0002 | LF | 1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging | 8.19 | 2.09 |
| 32 94 13 00-0003 | LF | 1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging | 9.02 | 2.09 |
| 32 94 13 00-0004 | LF | 1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging | 9.07 | 2.09 |
| 32 94 13 00-0005 | LF | 3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging | 10.51 | 2.16 |
| 32 94 13 00-0006 | LF | 3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging | 11.53 | 2.16 |
| 32 94 13 00-0007 | LF | 3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging | 11.51 | 2.16 |
| 32 94 13 00-0008 | LF | 1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging | 9.26 | 2.23 |
| 32 94 13 00-0009 | LF | 1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging | 10.39 | 2.23 |
| 32 94 13 00-0010 | LF | 1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging | 10.51 | 2.23 |
| 32 94 13 00-0011 | LF | 3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging | 11.90 | 2.30 |
| 32 94 13 00-0012 | LF | 3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging | 13.04 | 2.30 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 94 13 00-0013 | LF | 3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging | 13.14 | 2.30 |
| 32 94 13 00-0014 | LF | 3/16" x 4" Powder Coated Steel Landscape Edging | 10.42 | 2.16 |
| 32 94 13 00-0015 | LF | 1/4" x 5" Powder Coated Steel Landscape Edging | 14.91 | 2.16 |

## 32 94 16 Landscape Timbers *(32 94)*

| | | | | |
|---|---|---|---|---|
| 32 94 16 00-0001 | LF | 6" x 8" Railroad Ties | 12.60 | 3.81 |
| 32 94 16 00-0002 | LF | 7" x 9" Railroad Ties | 15.08 | 4.78 |
| 32 94 16 00-0003 | LF | 1" x 4" Redwood | 4.46 | 1.40 |
| 32 94 16 00-0004 | LF | 2" x 4" Redwood Edging | 6.06 | 2.09 |
| 32 94 16 00-0005 | LF | 4" x 6" Pressure Treated Hardwood | 12.18 | 2.79 |
| 32 94 16 00-0006 | LF | 6" x 6" Pressure Treated Hardwood | 16.41 | 3.49 |
| 32 94 16 00-0007 | LF | 6" x 8" Pressure Treated Hardwood | 18.98 | 4.10 |
| 32 94 16 00-0008 | LF | 1" x 4" Pressure Treated Pine | 3.90 | 1.40 |
| 32 94 16 00-0009 | LF | 2" x 4" Pressure Treated Pine | 6.02 | 2.09 |
| 32 94 16 00-0010 | LF | 4" x 6" Pressure Treated Pine | 11.50 | 2.70 |
| 32 94 16 00-0011 | LF | 6" x 6" Pressure Treated Pine | 16.19 | 3.49 |
| 32 94 16 00-0012 | LF | 6" x 8" Pressure Treated Pine | 20.30 | 4.10 |

## 32 94 43 Tree Grates *(32 94)*

### 32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

### 32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 94 43 00-0003 | EA | 32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame | 905.29 | 48.08 |
| | | *For >3 To 9, Deduct* | *-60.68* | |
| | | *For >9, Deduct* | *-125.41* | |
| 32 94 43 00-0004 | EA | 36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame | 1,052.39 | 48.08 |
| | | *For >3 To 9, Deduct* | *-71.72* | |
| | | *For >9, Deduct* | *-148.21* | |
| 32 94 43 00-0005 | EA | 42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame | 1,268.33 | 64.11 |
| | | *For >3 To 9, Deduct* | *-85.51* | |
| | | *For >9, Deduct* | *-176.72* | |
| 32 94 43 00-0006 | EA | 48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame | 1,588.52 | 64.11 |
| | | *For >3 To 9, Deduct* | *-109.52* | |
| | | *For >9, Deduct* | *-226.35* | |
| 32 94 43 00-0007 | EA | 54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame | 2,038.11 | 80.14 |
| | | *For >3 To 9, Deduct* | *-140.84* | |
| | | *For >9, Deduct* | *-291.06* | |
| 32 94 43 00-0008 | EA | 60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame | 2,130.74 | 96.17 |
| | | *For >3 To 9, Deduct* | *-145.38* | |
| | | *For >9, Deduct* | *-300.45* | |
| 32 94 43 00-0009 | EA | 60" Diameter, >350 LB Cast Iron Tree Grate With Frame | 2,353.57 | 96.17 |
| | | *For >3 To 9, Deduct* | *-162.09* | |
| | | *For >9, Deduct* | *-334.99* | |
| 32 94 43 00-0010 | EA | 72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame | 3,128.16 | 136.24 |
| | | *For >3 To 9, Deduct* | *-214.18* | |
| | | *For >9, Deduct* | *-442.63* | |
| 32 94 43 00-0011 | EA | 72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame | 3,257.96 | 136.24 |
| | | *For >3 To 9, Deduct* | *-223.91* | |
| | | *For >9, Deduct* | *-462.75* | |
| 32 94 43 00-0012 | EA | 72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame | 3,366.13 | 136.24 |
| | | *For >3 To 9, Deduct* | *-232.02* | |
| | | *For >9, Deduct* | *-479.52* | |
| 32 94 43 00-0013 | EA | 72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame | 3,452.67 | 136.24 |
| | | *For >3 To 9, Deduct* | *-238.52* | |
| | | *For >9, Deduct* | *-492.93* | |
| 32 94 43 00-0014 | EA | 72" Diameter, >700 LB Cast Iron Tree Grate With Frame | 3,517.57 | 136.24 |
| | | *For >3 To 9, Deduct* | *-243.38* | |
| | | *For >9, Deduct* | *-502.99* | |
| 32 94 43 00-0015 | EA | 93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame | 3,851.23 | 160.28 |
| | | *For >3 To 9, Deduct* | *-264.80* | |
| | | *For >9, Deduct* | *-547.25* | |

### 32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 94 43 00-0017 | EA | 30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame | 831.73 | 48.08 |
| | | *For >3 To 9, Deduct* | *-55.17* | |
| | | *For >9, Deduct* | *-114.01* | |
| 32 94 43 00-0018 | EA | 36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame | 1,015.61 | 48.08 |
| | | *For >3 To 9, Deduct* | *-68.96* | |
| | | *For >9, Deduct* | *-142.51* | |
| 32 94 43 00-0019 | EA | 48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame | 1,501.59 | 80.14 |
| | | *For >3 To 9, Deduct* | *-100.60* | |
| | | *For >9, Deduct* | *-207.90* | |
| 32 94 43 00-0020 | EA | 48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame | 1,782.83 | 80.14 |
| | | *For >3 To 9, Deduct* | *-121.69* | |
| | | *For >9, Deduct* | *-251.50* | |
| 32 94 43 00-0021 | EA | 48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame | 2,042.44 | 80.14 |
| | | *For >3 To 9, Deduct* | *-141.16* | |
| | | *For >9, Deduct* | *-291.73* | |
| 32 94 43 00-0022 | EA | 48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame | 2,280.41 | 80.14 |
| | | *For >3 To 9, Deduct* | *-159.01* | |
| | | *For >9, Deduct* | *-328.62* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 94 43 00-0023 | EA | 48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame | 2,496.75 | 80.14 |
| | | *For >3 To 9, Deduct* | *-175.24* | |
| | | *For >9, Deduct* | *-362.15* | |
| 32 94 43 00-0024 | EA | 48" x 48", >400 LB Cast Iron Tree Grate With Frame | 2,691.46 | 80.14 |
| | | *For >3 To 9, Deduct* | *-189.84* | |
| | | *For >9, Deduct* | *-392.33* | |
| 32 94 43 00-0025 | EA | 60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame | 2,560.87 | 112.20 |
| | | *For >3 To 9, Deduct* | *-175.24* | |
| | | *For >9, Deduct* | *-362.15* | |
| 32 94 43 00-0026 | EA | 60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame | 2,755.58 | 112.20 |
| | | *For >3 To 9, Deduct* | *-189.84* | |
| | | *For >9, Deduct* | *-392.33* | |
| 32 94 43 00-0027 | EA | 60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame | 2,928.65 | 112.20 |
| | | *For >3 To 9, Deduct* | *-202.82* | |
| | | *For >9, Deduct* | *-419.16* | |
| 32 94 43 00-0028 | EA | 60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame | 3,080.09 | 112.20 |
| | | *For >3 To 9, Deduct* | *-214.18* | |
| | | *For >9, Deduct* | *-442.63* | |
| 32 94 43 00-0029 | EA | 60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame | 3,209.89 | 112.20 |
| | | *For >3 To 9, Deduct* | *-223.91* | |
| | | *For >9, Deduct* | *-462.75* | |
| 32 94 43 00-0030 | EA | 60" x 60", >600 LB Cast Iron Tree Grate With Frame | 3,318.06 | 112.20 |
| | | *For >3 To 9, Deduct* | *-232.02* | |
| | | *For >9, Deduct* | *-479.52* | |
| 32 94 43 00-0031 | EA | 72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame | 3,128.16 | 136.24 |
| | | *For >3 To 9, Deduct* | *-214.18* | |
| | | *For >9, Deduct* | *-442.63* | |
| 32 94 43 00-0032 | EA | 72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame | 3,257.96 | 136.24 |
| | | *For >3 To 9, Deduct* | *-223.91* | |
| | | *For >9, Deduct* | *-462.75* | |
| 32 94 43 00-0033 | EA | 72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame | 3,366.13 | 136.24 |
| | | *For >3 To 9, Deduct* | *-232.02* | |
| | | *For >9, Deduct* | *-479.52* | |
| 32 94 43 00-0034 | EA | 72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame | 3,452.67 | 136.24 |
| | | *For >3 To 9, Deduct* | *-238.52* | |
| | | *For >9, Deduct* | *-492.93* | |
| 32 94 43 00-0035 | EA | 72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame | 3,517.57 | 136.24 |
| | | *For >3 To 9, Deduct* | *-243.38* | |
| | | *For >9, Deduct* | *-502.99* | |
| 32 94 43 00-0036 | EA | 72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame | 3,560.84 | 136.24 |
| | | *For >3 To 9, Deduct* | *-246.63* | |
| | | *For >9, Deduct* | *-509.70* | |
| 32 94 43 00-0037 | EA | 72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame | 3,582.47 | 136.24 |
| | | *For >3 To 9, Deduct* | *-248.25* | |
| | | *For >9, Deduct* | *-513.05* | |
| 32 94 43 00-0038 | EA | 72" x 72", >850 LB Cast Iron Tree Grate With Frame | 3,604.11 | 136.24 |
| | | *For >3 To 9, Deduct* | *-249.87* | |
| | | *For >9, Deduct* | *-516.40* | |

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

| | | | | |
|---|---|---|---|---|
| 32 94 43 00-0040 | EA | 36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame | 1,588.52 | 64.11 |
| | | *For >3 To 9, Deduct* | *-109.52* | |
| | | *For >9, Deduct* | *-226.35* | |
| 32 94 43 00-0041 | EA | 36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame | 1,620.97 | 64.11 |
| | | *For >3 To 9, Deduct* | *-111.96* | |
| | | *For >9, Deduct* | *-231.38* | |
| 32 94 43 00-0042 | EA | 36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame | 1,979.70 | 80.14 |
| | | *For >3 To 9, Deduct* | *-136.46* | |
| | | *For >9, Deduct* | *-282.01* | |
| 32 94 43 00-0043 | EA | 48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame | 2,340.99 | 80.14 |
| | | *For >3 To 9, Deduct* | *-163.55* | |
| | | *For >9, Deduct* | *-338.01* | |
| 32 94 43 00-0044 | EA | 48" x 72", >350 LB Cast Iron Tree Grate With Frame | 2,496.75 | 80.14 |
| | | *For >3 To 9, Deduct* | *-175.24* | |
| | | *For >9, Deduct* | *-362.15* | |
| 32 94 43 00-0045 | EA | 60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame | 3,322.86 | 136.24 |
| | | *For >3 To 9, Deduct* | *-228.78* | |
| | | *For >9, Deduct* | *-472.81* | |

## 32 94 49 Plant and Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

| | | | |
|---|---|---|---|
| 32 94 49 00-0003 | EA | Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap | 27.01 |
| 32 94 49 00-0004 | EA | Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap | 42.31 |
| 32 94 49 00-0005 | EA | Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap | 73.03 |

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

| | | | |
|---|---|---|---|
| 32 94 49 00-0007 | EA | Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope | 123.01 |
| 32 94 49 00-0008 | EA | Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope | 167.07 |
| 32 94 49 00-0009 | EA | Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope | 218.94 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 94 49 00-0010 | EA | Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope | 275.34 | |

### 32 94 49 00-0011 Tree Wrap *(32 94 49)*

| | | | | |
|---|---|---|---|---|
| 32 94 49 00-0012 | EA | Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree | 5.31 | |
| 32 94 49 00-0013 | EA | Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree | 8.91 | |
| 32 94 49 00-0014 | EA | Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree | 17.83 | |
| 32 94 49 00-0015 | EA | Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree | 28.00 | |

### 32 94 49 00-0016 Tree Guards *(32 94 49)*

| | | | | |
|---|---|---|---|---|
| 32 94 49 00-0017 | EA | 3' Preformed Plastic Tree Guard | 8.91 | |
| 32 94 49 00-0018 | EA | 2' Preformed Plastic Tree Guard | 8.12 | |

### 32 94 49 00-0019 Stake Out Tree And Shrub Locations *(32 94 49)*

Note: When no design available.

| | | | | |
|---|---|---|---|---|
| 32 94 49 00-0020 | EA | Stake Out Trees Or Shrubs | 5.28 | |

### 32 94 49 00-0021 Root Barriers *(32 94 49)*

| | | | | |
|---|---|---|---|---|
| 32 94 49 00-0022 | EA | 12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner | 10.51 | |
| 32 94 49 00-0023 | EA | 18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner | 15.16 | |
| 32 94 49 00-0024 | EA | 24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner | 17.98 | |
| 32 94 49 00-0025 | EA | 36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner | 34.30 | |
| 32 94 49 00-0026 | EA | 48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner | 47.63 | |

## 32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

### 32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

#### 32 96 33 00-0001 Moving Shrubs On Site, Relocate *(32 96 33)*

Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.

| | | | | |
|---|---|---|---|---|
| 32 96 33 00-0002 | EA | Up To 18" Root Ball, Move Shrubs On Site | 58.85 | |
| | | *For >25 To 50, Deduct* | | *-5.89* |
| | | *For >50, Deduct* | | *-8.83* |
| 32 96 33 00-0003 | EA | >18" To 24" Root Ball, Move Shrubs On Site | 79.62 | |
| | | *For >25 To 50, Deduct* | | *-7.96* |
| | | *For >50, Deduct* | | *-11.94* |
| 32 96 33 00-0004 | EA | >24" To 30" Root Ball, Move Shrubs On Site | 134.99 | |
| | | *For >25 To 50, Deduct* | | *-13.50* |
| | | *For >50, Deduct* | | *-20.25* |
| 32 96 33 00-0005 | EA | >30" To 36" Root Ball, Move Shrubs On Site | 207.69 | |
| | | *For >25 To 50, Deduct* | | *-20.77* |
| | | *For >50, Deduct* | | *-31.15* |

### 32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

#### 32 96 43 00-0001 Moving Trees On Site, Relocate *(32 96 43)*

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0785 for crane lifting equipment, 32 94 49 00-0001 for guying.

| | | | | |
|---|---|---|---|---|
| 32 96 43 00-0002 | EA | Up To 24" Root Ball, Move Trees On Site | 234.89 | |
| | | *For >5 To 10, Deduct* | | *-11.74* |
| | | *For >10 To 20, Deduct* | | *-23.49* |
| | | *For >20, Deduct* | | *-35.23* |
| 32 96 43 00-0003 | EA | >24" To 30" Root Ball, Move Trees On Site | 322.13 | |
| | | *For >5 To 10, Deduct* | | *-16.11* |
| | | *For >10 To 20, Deduct* | | *-32.21* |
| | | *For >20, Deduct* | | *-48.32* |
| 32 96 43 00-0004 | EA | >30" To 36" Root Ball, Move Trees On Site | 521.98 | |
| | | *For >5 To 10, Deduct* | | *-26.10* |
| | | *For >10 To 20, Deduct* | | *-52.20* |
| | | *For >20, Deduct* | | *-78.30* |
| 32 96 43 00-0005 | EA | >36" To 48" Root Ball, Move Trees On Site | 867.29 | |
| | | *For >5 To 10, Deduct* | | *-43.36* |
| | | *For >10 To 20, Deduct* | | *-86.73* |
| | | *For >20, Deduct* | | *-130.09* |
| 32 96 43 00-0006 | EA | >48" To 60" Root Ball, Move Trees On Site | 1,409.36 | |
| | | *For >5 To 10, Deduct* | | *-70.47* |
| | | *For >10 To 20, Deduct* | | *-140.94* |
| | | *For >20, Deduct* | | *-211.40* |
| 32 96 43 00-0007 | EA | >60" To 72" Root Ball, Move Trees On Site | 1,818.52 | |
| | | *For >5 To 10, Deduct* | | *-90.93* |
| | | *For >10 To 20, Deduct* | | *-181.85* |
| | | *For >20, Deduct* | | *-272.78* |
| 32 96 43 00-0008 | EA | >72" To 84" Root Ball, Move Trees On Site | 2,348.92 | |
| | | *For >5 To 10, Deduct* | | *-117.45* |
| | | *For >10 To 20, Deduct* | | *-234.89* |
| | | *For >20, Deduct* | | *-352.34* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 32 96 43 00-0009 | EA | >84" To 96" Root Ball, Move Trees On Site | 2,818.71 | |
| | | *For >5 To 10, Deduct* | *-140.94* | |
| | | *For >10 To 20, Deduct* | *-281.87* | |
| | | *For >20, Deduct* | *-422.81* | |
| 32 96 43 00-0010 | EA | >96" To 120" Root Ball, Move Trees On Site | 3,203.07 | |
| | | *For >5 To 10, Deduct* | *-160.15* | |
| | | *For >10 To 20, Deduct* | *-320.31* | |
| | | *For >20, Deduct* | *-480.46* | |

**END OF SECTION 32**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

## 33 01 Operation and Maintenance of Utilities *(33)*

### 33 01 10 Operation and Maintenance of Water Utilities *(33 01)*

**33 01 10 54 Cleaning of Water Utility Piping** *(33 01 10)*

See CSI section 33 01 30 41-0006 for cleaning of water lines.

**33 01 10 58 Disinfection of Water Utility Piping Systems** *(33 01 10)*

33 01 10 58-0001 Water Main Disinfection/Sterilization *(33 01 10 58)*

Note: Gas chlorination. Continuous or plug method.

| | | | | |
|---|---|---|---|---|
| 33 01 10 58-0002 | EA | Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method | 820.10 | |
| 33 01 10 58-0003 | EA | Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method | 410.05 | |
| 33 01 10 58-0004 | LF | Up To 4" Diameter Pipe Water Main Disinfection/Sterilization | 0.31 | |
| | | *For >250 To 500, Deduct* | *-0.02* | |
| | | *For >500 To 1,000, Deduct* | *-0.03* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.05* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.06* | |
| | | *For >5,000, Deduct* | *-0.08* | |
| 33 01 10 58-0005 | LF | 6" Diameter Pipe Water Main Disinfection/Sterilization | 0.48 | |
| | | *For >250 To 500, Deduct* | *-0.02* | |
| | | *For >500 To 1,000, Deduct* | *-0.05* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.07* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.10* | |
| | | *For >5,000, Deduct* | *-0.12* | |
| 33 01 10 58-0006 | LF | 8" Diameter Pipe Water Main Disinfection/Sterilization | 0.61 | |
| | | *For >250 To 500, Deduct* | *-0.03* | |
| | | *For >500 To 1,000, Deduct* | *-0.06* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.09* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.12* | |
| | | *For >5,000, Deduct* | *-0.15* | |
| 33 01 10 58-0007 | LF | 10" Diameter Pipe Water Main Disinfection/Sterilization | 0.72 | |
| | | *For >250 To 500, Deduct* | *-0.04* | |
| | | *For >500 To 1,000, Deduct* | *-0.07* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.11* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.14* | |
| | | *For >5,000, Deduct* | *-0.18* | |
| 33 01 10 58-0008 | LF | 12" Diameter Pipe Water Main Disinfection/Sterilization | 0.95 | |
| | | *For >250 To 500, Deduct* | *-0.05* | |
| | | *For >500 To 1,000, Deduct* | *-0.10* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.14* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.19* | |
| | | *For >5,000, Deduct* | *-0.24* | |
| 33 01 10 58-0009 | LF | >12" To 16" Diameter Pipe Water Main Disinfection/Sterilization | 1.07 | |
| | | *For >250 To 500, Deduct* | *-0.05* | |
| | | *For >500 To 1,000, Deduct* | *-0.11* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.16* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.21* | |
| | | *For >5,000, Deduct* | *-0.27* | |
| 33 01 10 58-0010 | LF | >16" To 24" Diameter Pipe Water Main Disinfection/Sterilization | 1.23 | |
| | | *For >250 To 500, Deduct* | *-0.06* | |
| | | *For >500 To 1,000, Deduct* | *-0.12* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.18* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.25* | |
| | | *For >5,000, Deduct* | *-0.31* | |
| 33 01 10 58-0011 | LF | >24" To 30" Diameter Pipe Water Main Disinfection/Sterilization | 1.45 | |
| | | *For >250 To 500, Deduct* | *-0.07* | |
| | | *For >500 To 1,000, Deduct* | *-0.15* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.22* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.29* | |
| | | *For >5,000, Deduct* | *-0.36* | |
| 33 01 10 58-0012 | LF | >30" To 42" Diameter Pipe Water Main Disinfection/Sterilization | 1.87 | |
| | | *For >250 To 500, Deduct* | *-0.09* | |
| | | *For >500 To 1,000, Deduct* | *-0.19* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.28* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.37* | |
| | | *For >5,000, Deduct* | *-0.47* | |
| 33 01 10 58-0013 | LF | >42" To 60" Diameter Pipe Water Main Disinfection/Sterilization | 2.73 | |
| | | *For >250 To 500, Deduct* | *-0.14* | |
| | | *For >500 To 1,000, Deduct* | *-0.27* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.41* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.55* | |
| | | *For >5,000, Deduct* | *-0.68* | |
| 33 01 10 58-0014 | LF | >60" Diameter Pipe Water Main Disinfection/Sterilization | 3.78 | |
| | | *For >250 To 500, Deduct* | *-0.19* | |
| | | *For >500 To 1,000, Deduct* | *-0.38* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.57* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.76* | |
| | | *For >5,000, Deduct* | *-0.95* | |

**33 01 10 71 Relining Water Utilities Pipelines** *(33 01 10)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| | | See CSI section 33 01 30 71-0000 for relining water pipelines. | | |
| 33 01 10 71-0001 | | **Relining Underground Water Pipelines** *(33 01 10 71)*<br>Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups. | | |
| 33 01 10 71-0002 | | **Relining Underground Water Pipelines Set-Up And Reinsertion** *(33 01 10 71-0001)* | | |
| 33 01 10 71-0003 | EA | Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines | 4,569.12 | |
| 33 01 10 71-0004 | EA | Move And Reset Up At Different Access/Location | 1,827.65 | |
| 33 01 10 71-0005 | | **Lining Pipe With Cement** *(33 01 10 71-0001)* | | |
| 33 01 10 71-0006 | LF | Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement | 58.89 | |
| | | *For 3/16" Thickness, Add* | *0.56* | |
| | | *For 1/4" Thickness, Add* | *1.11* | |
| 33 01 10 71-0007 | LF | >500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement | 52.36 | |
| | | *For 3/16" Thickness, Add* | *0.56* | |
| | | *For 1/4" Thickness, Add* | *1.11* | |
| 33 01 10 71-0008 | LF | >1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement | 43.62 | |
| | | *For 3/16" Thickness, Add* | *0.56* | |
| | | *For 1/4" Thickness, Add* | *1.11* | |
| 33 01 10 71-0009 | LF | >5,000', 4" Pipe, 1/8" Pipe Lining With Cement | 32.65 | |
| | | *For 3/16" Thickness, Add* | *0.56* | |
| | | *For 1/4" Thickness, Add* | *1.11* | |
| 33 01 10 71-0010 | LF | Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement | 60.93 | |
| | | *For 3/16" Thickness, Add* | *0.83* | |
| | | *For 1/4" Thickness, Add* | *1.66* | |
| 33 01 10 71-0011 | LF | >500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement | 54.16 | |
| | | *For 3/16" Thickness, Add* | *0.83* | |
| | | *For 1/4" Thickness, Add* | *1.66* | |
| 33 01 10 71-0012 | LF | >1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement | 45.12 | |
| | | *For 3/16" Thickness, Add* | *0.83* | |
| | | *For 1/4" Thickness, Add* | *1.66* | |
| 33 01 10 71-0013 | LF | >5,000', 6" Pipe, 1/8" Pipe Lining With Cement | 33.99 | |
| | | *For 3/16" Thickness, Add* | *0.83* | |
| | | *For 1/4" Thickness, Add* | *1.66* | |
| 33 01 10 71-0014 | LF | Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement | 62.88 | |
| | | *For 3/16" Thickness, Add* | *1.11* | |
| | | *For 1/4" Thickness, Add* | *2.21* | |
| 33 01 10 71-0015 | LF | >500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement | 55.95 | |
| | | *For 3/16" Thickness, Add* | *1.11* | |
| | | *For 1/4" Thickness, Add* | *2.21* | |
| 33 01 10 71-0016 | LF | >1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement | 46.62 | |
| | | *For 3/16" Thickness, Add* | *1.11* | |
| | | *For 1/4" Thickness, Add* | *2.21* | |
| 33 01 10 71-0017 | LF | >5,000', 8" Pipe, 1/8" Pipe Lining With Cement | 35.33 | |
| | | *For 3/16" Thickness, Add* | *1.11* | |
| | | *For 1/4" Thickness, Add* | *2.21* | |
| 33 01 10 71-0018 | LF | Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement | 64.29 | |
| | | *For 3/16" Thickness, Add* | *1.39* | |
| | | *For 1/4" Thickness, Add* | *2.77* | |
| 33 01 10 71-0019 | LF | >500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement | 57.25 | |
| | | *For 3/16" Thickness, Add* | *1.39* | |
| | | *For 1/4" Thickness, Add* | *2.77* | |
| 33 01 10 71-0020 | LF | >1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement | 47.78 | |
| | | *For 3/16" Thickness, Add* | *1.39* | |
| | | *For 1/4" Thickness, Add* | *2.77* | |
| 33 01 10 71-0021 | LF | >5,000', 10" Pipe, 1/8" Pipe Lining With Cement | 36.70 | |
| | | *For 3/16" Thickness, Add* | *1.39* | |
| | | *For 1/4" Thickness, Add* | *2.77* | |
| 33 01 10 71-0022 | LF | Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement | 69.28 | |
| | | *For 3/16" Thickness, Add* | *1.66* | |
| | | *For 1/4" Thickness, Add* | *3.32* | |
| 33 01 10 71-0023 | LF | >500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement | 61.80 | |
| | | *For 3/16" Thickness, Add* | *1.66* | |
| | | *For 1/4" Thickness, Add* | *3.32* | |
| 33 01 10 71-0024 | LF | >1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement | 51.72 | |
| | | *For 3/16" Thickness, Add* | *1.66* | |
| | | *For 1/4" Thickness, Add* | *3.32* | |
| 33 01 10 71-0025 | LF | >5,000', 12" Pipe, 1/8" Pipe Lining With Cement | 39.74 | |
| | | *For 3/16" Thickness, Add* | *1.66* | |
| | | *For 1/4" Thickness, Add* | *3.32* | |
| 33 01 10 71-0026 | LF | Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement | 73.50 | |
| | | *For 1/4" Thickness, Add* | *1.85* | |
| | | *For 5/16" Thickness, Add* | *3.69* | |
| 33 01 10 71-0027 | LF | >500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement | 65.75 | |
| | | *For 1/4" Thickness, Add* | *1.85* | |
| | | *For 5/16" Thickness, Add* | *3.69* | |
| 33 01 10 71-0028 | LF | >1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement | 55.24 | |
| | | *For 1/4" Thickness, Add* | *1.85* | |
| | | *For 5/16" Thickness, Add* | *3.69* | |
| 33 01 10 71-0029 | LF | >5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement | 43.76 | |
| | | *For 1/4" Thickness, Add* | *1.85* | |
| | | *For 5/16" Thickness, Add* | *3.69* | |
| 33 01 10 71-0030 | LF | Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement | 76.59 | |
| | | *For 1/4" Thickness, Add* | *2.21* | |
| | | *For 5/16" Thickness, Add* | *4.43* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 10 71-0031 | LF | >500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement | 68.60 | |
| | | *For 1/4" Thickness, Add* | *2.21* | |
| | | *For 5/16" Thickness, Add* | *4.43* | |
| 33 01 10 71-0032 | LF | >1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement | 57.73 | |
| | | *For 1/4" Thickness, Add* | *2.21* | |
| | | *For 5/16" Thickness, Add* | *4.43* | |
| 33 01 10 71-0033 | LF | >5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement | 46.85 | |
| | | *For 1/4" Thickness, Add* | *2.21* | |
| | | *For 5/16" Thickness, Add* | *4.43* | |
| 33 01 10 71-0034 | LF | Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement | 80.59 | |
| | | *For 1/4" Thickness, Add* | *2.58* | |
| | | *For 5/16" Thickness, Add* | *5.17* | |
| 33 01 10 71-0035 | LF | >500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement | 72.32 | |
| | | *For 1/4" Thickness, Add* | *2.58* | |
| | | *For 5/16" Thickness, Add* | *5.17* | |
| 33 01 10 71-0036 | LF | >1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement | 60.94 | |
| | | *For 1/4" Thickness, Add* | *2.58* | |
| | | *For 5/16" Thickness, Add* | *5.17* | |
| 33 01 10 71-0037 | LF | >5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement | 50.76 | |
| | | *For 1/4" Thickness, Add* | *2.58* | |
| | | *For 5/16" Thickness, Add* | *5.17* | |
| 33 01 10 71-0038 | LF | Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement | 84.69 | |
| | | *For 1/4" Thickness, Add* | *2.95* | |
| | | *For 5/16" Thickness, Add* | *5.91* | |
| 33 01 10 71-0039 | LF | >500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement | 76.09 | |
| | | *For 1/4" Thickness, Add* | *2.95* | |
| | | *For 5/16" Thickness, Add* | *5.91* | |
| 33 01 10 71-0040 | LF | >1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement | 64.34 | |
| | | *For 1/4" Thickness, Add* | *2.95* | |
| | | *For 5/16" Thickness, Add* | *5.91* | |
| 33 01 10 71-0041 | LF | >5,000', 24" Pipe, 3/16" Pipe Lining With Cement | 54.86 | |
| | | *For 1/4" Thickness, Add* | *2.95* | |
| | | *For 5/16" Thickness, Add* | *5.91* | |
| 33 01 10 71-0042 | LF | Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement | 89.80 | |
| | | *For 1/4" Thickness, Add* | *3.69* | |
| | | *For 5/16" Thickness, Add* | *7.38* | |
| 33 01 10 71-0043 | LF | >500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement | 80.69 | |
| | | *For 1/4" Thickness, Add* | *3.69* | |
| | | *For 5/16" Thickness, Add* | *7.38* | |
| 33 01 10 71-0044 | LF | >1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement | 68.25 | |
| | | *For 1/4" Thickness, Add* | *3.69* | |
| | | *For 5/16" Thickness, Add* | *7.38* | |
| 33 01 10 71-0045 | LF | >5,000', 30" Pipe, 3/16" Pipe Lining With Cement | 58.66 | |
| | | *For 1/4" Thickness, Add* | *3.69* | |
| | | *For 5/16" Thickness, Add* | *7.38* | |
| 33 01 10 71-0046 | LF | Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement | 94.81 | |
| | | *For 1/4" Thickness, Add* | *4.43* | |
| | | *For 5/16" Thickness, Add* | *8.86* | |
| 33 01 10 71-0047 | LF | 500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement | 85.30 | |
| | | *For 1/4" Thickness, Add* | *4.43* | |
| | | *For 5/16" Thickness, Add* | *8.86* | |
| 33 01 10 71-0048 | LF | >1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement | 72.16 | |
| | | *For 1/4" Thickness, Add* | *4.43* | |
| | | *For 5/16" Thickness, Add* | *8.86* | |
| 33 01 10 71-0049 | LF | >5,000', 36" Pipe, 3/16" Pipe Lining With Cement | 62.48 | |
| | | *For 1/4" Thickness, Add* | *4.43* | |
| | | *For 5/16" Thickness, Add* | *8.86* | |
| 33 01 10 71-0050 | LF | Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement | 112.36 | |
| | | *For 3/8" Thickness, Add* | *11.63* | |
| | | *For 7/16" Thickness, Add* | *17.44* | |
| 33 01 10 71-0051 | LF | >500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement | 101.99 | |
| | | *For 3/8" Thickness, Add* | *11.63* | |
| | | *For 7/16" Thickness, Add* | *17.44* | |
| 33 01 10 71-0052 | LF | >1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement | 87.71 | |
| | | *For 3/8" Thickness, Add* | *11.63* | |
| | | *For 7/16" Thickness, Add* | *17.44* | |
| 33 01 10 71-0053 | LF | >5,000', 42" Pipe, 1/4" Pipe Lining With Cement | 77.73 | |
| | | *For 3/8" Thickness, Add* | *11.63* | |
| | | *For 7/16" Thickness, Add* | *17.44* | |
| 33 01 10 71-0054 | LF | Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement | 123.16 | |
| | | *For 3/8" Thickness, Add* | *13.29* | |
| | | *For 7/16" Thickness, Add* | *19.93* | |
| 33 01 10 71-0055 | LF | >500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement | 112.08 | |
| | | *For 3/8" Thickness, Add* | *13.29* | |
| | | *For 7/16" Thickness, Add* | *19.93* | |
| 33 01 10 71-0056 | LF | >1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement | 96.72 | |
| | | *For 3/8" Thickness, Add* | *13.29* | |
| | | *For 7/16" Thickness, Add* | *19.93* | |
| 33 01 10 71-0057 | LF | >5,000', 48" Pipe, 1/4" Pipe Lining With Cement | 86.54 | |
| | | *For 3/8" Thickness, Add* | *13.29* | |
| | | *For 7/16" Thickness, Add* | *19.93* | |
| 33 01 10 71-0058 | LF | Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement | 128.28 | |
| | | *For 3/8" Thickness, Add* | *14.95* | |
| | | *For 7/16" Thickness, Add* | *22.42* | |
| 33 01 10 71-0059 | LF | >500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement | 116.95 | |
| | | *For 3/8" Thickness, Add* | *14.95* | |
| | | *For 7/16" Thickness, Add* | *22.42* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 10 71-0060 | LF | >1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement | 101.24 | |
| | | *For 3/8" Thickness, Add* | *14.95* | |
| | | *For 7/16" Thickness, Add* | *22.42* | |
| 33 01 10 71-0061 | LF | >5,000', 54" Pipe, 1/4" Pipe Lining With Cement | 91.46 | |
| | | *For 3/8" Thickness, Add* | *14.95* | |
| | | *For 7/16" Thickness, Add* | *22.42* | |
| 33 01 10 71-0062 | LF | Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement | 133.41 | |
| | | *For 3/8" Thickness, Add* | *16.61* | |
| | | *For 7/16" Thickness, Add* | *24.92* | |
| 33 01 10 71-0063 | LF | >500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement | 121.87 | |
| | | *For 3/8" Thickness, Add* | *16.61* | |
| | | *For 7/16" Thickness, Add* | *24.92* | |
| 33 01 10 71-0064 | LF | >1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement | 105.87 | |
| | | *For 3/8" Thickness, Add* | *16.61* | |
| | | *For 7/16" Thickness, Add* | *24.92* | |
| 33 01 10 71-0065 | LF | >5,000', 60" Pipe, 1/4" Pipe Lining With Cement | 96.39 | |
| | | *For 3/8" Thickness, Add* | *16.61* | |
| | | *For 7/16" Thickness, Add* | *24.92* | |
| 33 01 10 71-0066 | LF | Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement | 138.82 | |
| | | *For 3/8" Thickness, Add* | *18.27* | |
| | | *For 7/16" Thickness, Add* | *27.41* | |
| 33 01 10 71-0067 | LF | >500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement | 127.05 | |
| | | *For 3/8" Thickness, Add* | *18.27* | |
| | | *For 7/16" Thickness, Add* | *27.41* | |
| 33 01 10 71-0068 | LF | >1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement | 110.79 | |
| | | *For 3/8" Thickness, Add* | *18.27* | |
| | | *For 7/16" Thickness, Add* | *27.41* | |
| 33 01 10 71-0069 | LF | >5,000', 66" Pipe, 1/4" Pipe Lining With Cement | 102.00 | |
| | | *For 3/8" Thickness, Add* | *18.27* | |
| | | *For 7/16" Thickness, Add* | *27.41* | |
| 33 01 10 71-0070 | LF | Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement | 144.63 | |
| | | *For 3/8" Thickness, Add* | *19.93* | |
| | | *For 7/16" Thickness, Add* | *29.90* | |
| 33 01 10 71-0071 | LF | >500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement | 132.66 | |
| | | *For 3/8" Thickness, Add* | *19.93* | |
| | | *For 7/16" Thickness, Add* | *29.90* | |
| 33 01 10 71-0072 | LF | >1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement | 115.99 | |
| | | *For 3/8" Thickness, Add* | *19.93* | |
| | | *For 7/16" Thickness, Add* | *29.90* | |
| 33 01 10 71-0073 | LF | >5,000', 72" Pipe, 1/4" Pipe Lining With Cement | 107.72 | |
| | | *For 3/8" Thickness, Add* | *19.93* | |
| | | *For 7/16" Thickness, Add* | *29.90* | |

## 33 01 30 Operation and Maintenance of Sewer Utilities *(33 01)*

### 33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

#### 33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

#### 33 01 30 11-0002 Video Camera Set-up *(33 01 30 11-0001)*

| | | | |
|---|---|---|---|
| 33 01 30 11-0003 | EA | Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert<br>Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1"-12" diameter pipes for distances up to 300 feet. | 813.41 |
| 33 01 30 11-0004 | EA | Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert<br>Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger). | 1,626.83 |
| 33 01 30 11-0005 | EA | Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert | 2,440.24 |
| 33 01 30 11-0006 | EA | Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert | 406.71 |
| 33 01 30 11-0007 | EA | Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert | 813.41 |

#### 33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

| | | | |
|---|---|---|---|
| 33 01 30 11-0009 | LF | 4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase<br>Note: CCTV inspection of pipe interior. | 2.06 |
| | | *For >500 To 1,000, Deduct* | *-0.21* |
| | | *For >1,000 To 5,000, Deduct* | *-0.52* |
| | | *For >5,000, Deduct* | *-0.72* |
| 33 01 30 11-0010 | LF | >6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase<br>Note: CCTV inspection of pipe interior. | 2.75 |
| | | *For >500 To 1,000, Deduct* | *-0.28* |
| | | *For >1,000 To 5,000, Deduct* | *-0.69* |
| | | *For >5,000, Deduct* | *-0.96* |
| 33 01 30 11-0011 | LF | >12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase<br>Note: CCTV inspection of pipe interior. | 3.44 |
| | | *For >500 To 1,000, Deduct* | *-0.34* |
| | | *For >1,000 To 5,000, Deduct* | *-0.86* |
| | | *For >5,000, Deduct* | *-1.20* |
| 33 01 30 11-0012 | LF | >21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase<br>Note: CCTV inspection of pipe interior. | 4.59 |
| | | *For >500 To 1,000, Deduct* | *-0.46* |
| | | *For >1,000 To 5,000, Deduct* | *-1.15* |
| | | *For >5,000, Deduct* | *-1.61* |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 11-0013 | LF | >30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase | 6.44 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.64* | |
| | | *For >1,000 To 5,000, Deduct* | *-1.61* | |
| | | *For >5,000, Deduct* | *-2.25* | |
| 33 01 30 11-0014 | LF | >42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase | 8.59 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.86* | |
| | | *For >1,000 To 5,000, Deduct* | *-2.15* | |
| | | *For >5,000, Deduct* | *-3.01* | |
| 33 01 30 11-0015 | LF | >60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase | 12.13 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-1.21* | |
| | | *For >1,000 To 5,000, Deduct* | *-3.03* | |
| | | *For >5,000, Deduct* | *-4.25* | |
| 33 01 30 11-0016 | LF | >72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase | 17.19 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-1.72* | |
| | | *For >1,000 To 5,000, Deduct* | *-4.30* | |
| | | *For >5,000, Deduct* | *-6.02* | |
| **33 01 30 11-0017** | | **Video Camera Pre-Rehab For Pipe Interior And Culverts** *(33 01 30 11-0001)* | | |
| 33 01 30 11-0018 | LF | 4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase | 3.05 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.31* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.76* | |
| | | *For >5,000, Deduct* | *-1.07* | |
| 33 01 30 11-0019 | LF | >6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase | 4.06 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.41* | |
| | | *For >1,000 To 5,000, Deduct* | *-1.02* | |
| | | *For >5,000, Deduct* | *-1.42* | |
| 33 01 30 11-0020 | LF | >12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase | 5.09 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.51* | |
| | | *For >1,000 To 5,000, Deduct* | *-1.27* | |
| | | *For >5,000, Deduct* | *-1.78* | |
| 33 01 30 11-0021 | LF | >21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase | 6.77 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.68* | |
| | | *For >1,000 To 5,000, Deduct* | *-1.69* | |
| | | *For >5,000, Deduct* | *-2.37* | |
| 33 01 30 11-0022 | LF | >30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase | 9.53 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.95* | |
| | | *For >1,000 To 5,000, Deduct* | *-2.38* | |
| | | *For >5,000, Deduct* | *-3.34* | |
| 33 01 30 11-0023 | LF | >42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase | 12.71 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-1.27* | |
| | | *For >1,000 To 5,000, Deduct* | *-3.18* | |
| | | *For >5,000, Deduct* | *-4.45* | |
| 33 01 30 11-0024 | LF | >60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase | 17.94 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-1.79* | |
| | | *For >1,000 To 5,000, Deduct* | *-4.49* | |
| | | *For >5,000, Deduct* | *-6.28* | |
| 33 01 30 11-0025 | LF | >72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase | 25.42 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-2.54* | |
| | | *For >1,000 To 5,000, Deduct* | *-6.36* | |
| | | *For >5,000, Deduct* | *-8.90* | |
| **33 01 30 11-0026** | | **Video Camera Post-Rehab For Pipe Interior And Culverts** *(33 01 30 11-0001)* | | |
| 33 01 30 11-0027 | LF | 4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase | 2.18 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.22* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.55* | |
| | | *For >5,000, Deduct* | *-0.76* | |
| 33 01 30 11-0028 | LF | >6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase | 2.91 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.29* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.73* | |
| | | *For >5,000, Deduct* | *-1.02* | |
| 33 01 30 11-0029 | LF | >12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase | 3.63 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.36* | |
| | | *For >1,000 To 5,000, Deduct* | *-0.91* | |
| | | *For >5,000, Deduct* | *-1.27* | |
| 33 01 30 11-0030 | LF | >21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase | 4.84 | |
| | | Note: CCTV inspection of pipe interior. | | |
| | | *For >500 To 1,000, Deduct* | *-0.48* | |
| | | *For >1,000 To 5,000, Deduct* | *-1.21* | |
| | | *For >5,000, Deduct* | *-1.69* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 11-0031 | LF | >30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase<br>Note: CCTV inspection of pipe interior. | 6.81 | |
| | | *For >500 To 1,000, Deduct* | *-0.68* | |
| | | *For >1,000 To 5,000, Deduct* | *-1.70* | |
| | | *For >5,000, Deduct* | *-2.38* | |
| 33 01 30 11-0032 | LF | >42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase<br>Note: CCTV inspection of pipe interior. | 9.08 | |
| | | *For >500 To 1,000, Deduct* | *-0.91* | |
| | | *For >1,000 To 5,000, Deduct* | *-2.27* | |
| | | *For >5,000, Deduct* | *-3.18* | |
| 33 01 30 11-0033 | LF | >60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase<br>Note: CCTV inspection of pipe interior. | 12.82 | |
| | | *For >500 To 1,000, Deduct* | *-1.28* | |
| | | *For >1,000 To 5,000, Deduct* | *-3.21* | |
| | | *For >5,000, Deduct* | *-4.49* | |
| 33 01 30 11-0034 | LF | >72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase<br>Note: CCTV inspection of pipe interior. | 18.16 | |
| | | *For >500 To 1,000, Deduct* | *-1.82* | |
| | | *For >1,000 To 5,000, Deduct* | *-4.54* | |
| | | *For >5,000, Deduct* | *-6.36* | |

## 33 01 30 23 Pipe Bursting *(33 01 30)*

### 33 01 30 23-0001 Pipe Bursting *(33 01 30 23)*

Note: The following section excludes costs for CCTV Inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups, bypass pumping, tree removal, service saddles, soil testing, and erosion control. See CSI section 01 22 20 00-0000 for hourly rates for emergency after hours response for homeowners backups, 31 11 00 00-0000 for tree removal, 31 13 13 00-0001 for tree removal, 31 25 14 23-0000 for erosion control, 32 01 17 63-0000 for temporary paving, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV inspection.

### 33 01 30 23-0002 Manhole Chipping *(33 01 30 23-0001)*

Note: For use at manholes to open holes for pipe bursting head.

| | | | |
|---|---|---|---|
| 33 01 30 23-0003 | EA | 6" To 15" Diameter, Manhole Chipping | 308.69 |
| 33 01 30 23-0004 | EA | >15" To 24" Diameter, Manhole Chipping | 362.39 |
| 33 01 30 23-0005 | EA | >24" To 36" Diameter, Manhole Chipping | 452.96 |

### 33 01 30 23-0006 Pipe Bursting *(33 01 30 23-0001)*

Note: Includes equipment to burst or upsize existing clay, cast iron, concrete, PVC or ductile iron pipe; pipe bursting royalty fee. Excludes CCTV inspection, PE piping, excavation of pit, backfill, compaction, final grade, seed and sod restoration, recovery of bursting head disabled by obstruction, either undocumented or unrecognizable during CCTV inspection. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 23-0051 for PE piping.

### 33 01 30 23-0007 Pipe Bursting Equipment Set-up *(33 01 30 23-0006)*

| | | | |
|---|---|---|---|
| 33 01 30 23-0008 | EA | Initial Set-up And Final Equipment Removal For Up To 12" Underground Pipelines For Pipe Bursting Equipment | 6,432.58 |
| 33 01 30 23-0009 | EA | Initial Set-up And Final Equipment Removal For > 12" To 24" Underground Pipelines For Pipe Bursting Equipment | 9,648.87 |
| 33 01 30 23-0010 | EA | Initial Set-up And Final Equipment Removal For > 24" To 36" Underground Pipelines For Pipe Bursting Equipment | 16,081.44 |
| 33 01 30 23-0011 | EA | Move And Reset Up At Different Access/Location For Up To 12" Underground Pipelines For Pipe Bursting Equipment | 2,412.22 |
| 33 01 30 23-0012 | EA | Move And Reset Up At Different Access/Location For > 12" To 24" Underground Pipelines For Pipe Bursting Equipment | 3,618.32 |
| 33 01 30 23-0013 | EA | Move And Reset Up At Different Access/Location For > 2" To 36" Underground Pipelines For Pipe Bursting Equipment | 6,030.54 |
| 33 01 30 23-0014 | EA | Set Up/Move Pipe Bursting Equipment For Laterals | 1,608.14 |

### 33 01 30 23-0015 Pneumatic Head Pipe Bursting *(33 01 30 23-0006)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 23-0016 | LF | 4" Diameter, Pneumatic Head Pipe Bursting | 23.06 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *1.83* | |
| | | *For >150 To 200, Add* | *1.10* | |
| | | *For >100 To 150, Add* | *2.19* | |
| | | *For >75 To 100, Add* | *3.29* | |
| | | *For >50 To 75, Add* | *4.39* | |
| | | *For >25 To 50, Add* | *5.85* | |
| | | *For Up To 25, Add* | *8.04* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *1.83* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *6.09* | |
| 33 01 30 23-0017 | LF | 6" Diameter, Pneumatic Head Pipe Bursting | 26.57 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *2.27* | |
| | | *For >150 To 200, Add* | *1.36* | |
| | | *For >100 To 150, Add* | *2.72* | |
| | | *For >75 To 100, Add* | *4.08* | |
| | | *For >50 To 75, Add* | *5.44* | |
| | | *For >25 To 50, Add* | *7.25* | |
| | | *For Up To 25, Add* | *9.97* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *2.27* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *7.25* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 23-0018 | LF | 8" Diameter, Pneumatic Head Pipe Bursting | 29.87 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *2.68* | |
| | | *For >150 To 200, Add* | *1.61* | |
| | | *For >100 To 150, Add* | *3.21* | |
| | | *For >75 To 100, Add* | *4.82* | |
| | | *For >50 To 75, Add* | *6.43* | |
| | | *For >25 To 50, Add* | *8.57* | |
| | | *For Up To 25, Add* | *11.79* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *2.68* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *8.34* | |
| 33 01 30 23-0019 | LF | 10" Diameter, Pneumatic Head Pipe Bursting | 34.11 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *3.21* | |
| | | *For >150 To 200, Add* | *1.93* | |
| | | *For >100 To 150, Add* | *3.85* | |
| | | *For >75 To 100, Add* | *5.78* | |
| | | *For >50 To 75, Add* | *7.70* | |
| | | *For >25 To 50, Add* | *10.27* | |
| | | *For Up To 25, Add* | *14.12* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *3.21* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *9.74* | |
| 33 01 30 23-0020 | LF | 12" Diameter, Pneumatic Head Pipe Bursting | 39.01 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *3.82* | |
| | | *For >150 To 200, Add* | *2.29* | |
| | | *For >100 To 150, Add* | *4.59* | |
| | | *For >75 To 100, Add* | *6.88* | |
| | | *For >50 To 75, Add* | *9.17* | |
| | | *For >25 To 50, Add* | *12.23* | |
| | | *For Up To 25, Add* | *16.81* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *3.82* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *11.35* | |
| 33 01 30 23-0021 | LF | 15" Diameter, Pneumatic Head Pipe Bursting | 43.22 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *3.95* | |
| | | *For >150 To 200, Add* | *2.37* | |
| | | *For >100 To 150, Add* | *4.73* | |
| | | *For >75 To 100, Add* | *7.10* | |
| | | *For >50 To 75, Add* | *9.47* | |
| | | *For >25 To 50, Add* | *12.62* | |
| | | *For Up To 25, Add* | *17.36* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *3.95* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *12.16* | |
| 33 01 30 23-0022 | LF | 18" Diameter, Pneumatic Head Pipe Bursting | 48.14 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *4.56* | |
| | | *For >150 To 200, Add* | *2.74* | |
| | | *For >100 To 150, Add* | *5.47* | |
| | | *For >75 To 100, Add* | *8.21* | |
| | | *For >50 To 75, Add* | *10.94* | |
| | | *For >25 To 50, Add* | *14.59* | |
| | | *For Up To 25, Add* | *20.06* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *4.56* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *13.79* | |
| 33 01 30 23-0023 | LF | 21"/22" Diameter, Pneumatic Head Pipe Bursting | 60.90 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *5.42* | |
| | | *For >150 To 200, Add* | *3.25* | |
| | | *For >100 To 150, Add* | *6.51* | |
| | | *For >75 To 100, Add* | *9.76* | |
| | | *For >50 To 75, Add* | *13.02* | |
| | | *For >25 To 50, Add* | *17.36* | |
| | | *For Up To 25, Add* | *23.86* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *5.42* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *16.95* | |
| 33 01 30 23-0024 | LF | 24" Diameter, Pneumatic Head Pipe Bursting | 74.85 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *7.17* | |
| | | *For >150 To 200, Add* | *4.30* | |
| | | *For >100 To 150, Add* | *8.60* | |
| | | *For >75 To 100, Add* | *12.90* | |
| | | *For >50 To 75, Add* | *17.20* | |
| | | *For >25 To 50, Add* | *22.94* | |
| | | *For Up To 25, Add* | *31.54* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *7.17* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *21.55* | |
| 33 01 30 23-0025 | LF | 30" Diameter, Pneumatic Head Pipe Bursting | 82.82 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *7.44* | |
| | | *For >150 To 200, Add* | *4.46* | |
| | | *For >100 To 150, Add* | *8.92* | |
| | | *For >75 To 100, Add* | *13.39* | |
| | | *For >50 To 75, Add* | *17.85* | |
| | | *For >25 To 50, Add* | *23.80* | |
| | | *For Up To 25, Add* | *32.72* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *7.44* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *23.13* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 23-0026 | LF | 36" Diameter, Pneumatic Head Pipe Bursting | 107.61 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *10.54* | |
| | | *For >150 To 200, Add* | *6.32* | |
| | | *For >100 To 150, Add* | *12.64* | |
| | | *For >75 To 100, Add* | *18.96* | |
| | | *For >50 To 75, Add* | *25.28* | |
| | | *For >25 To 50, Add* | *33.71* | |
| | | *For Up To 25, Add* | *46.35* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *10.54* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *31.31* | |

## 33 01 30 23-0027 Static Head Pipe Bursting *(33 01 30 23-0006)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 23-0028 | LF | 4" Diameter, Static Head Pipe Bursting | 30.17 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *2.72* | |
| | | *For >150 To 200, Add* | *1.63* | |
| | | *For >100 To 150, Add* | *3.26* | |
| | | *For >75 To 100, Add* | *4.89* | |
| | | *For >50 To 75, Add* | *6.52* | |
| | | *For >25 To 50, Add* | *8.69* | |
| | | *For Up To 25, Add* | *11.95* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *2.72* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *8.44* | |
| 33 01 30 23-0029 | LF | 6" Diameter, Static Head Pipe Bursting | 33.70 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *3.16* | |
| | | *For >150 To 200, Add* | *1.89* | |
| | | *For >100 To 150, Add* | *3.79* | |
| | | *For >75 To 100, Add* | *5.68* | |
| | | *For >50 To 75, Add* | *7.58* | |
| | | *For >25 To 50, Add* | *10.10* | |
| | | *For Up To 25, Add* | *13.89* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *3.16* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *9.60* | |
| 33 01 30 23-0030 | LF | 8" Diameter, Static Head Pipe Bursting | 37.79 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *3.67* | |
| | | *For >150 To 200, Add* | *2.20* | |
| | | *For >100 To 150, Add* | *4.40* | |
| | | *For >75 To 100, Add* | *6.60* | |
| | | *For >50 To 75, Add* | *8.81* | |
| | | *For >25 To 50, Add* | *11.74* | |
| | | *For Up To 25, Add* | *16.14* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *3.67* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *10.95* | |
| 33 01 30 23-0031 | LF | 10" Diameter, Static Head Pipe Bursting | 43.10 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *4.33* | |
| | | *For >150 To 200, Add* | *2.60* | |
| | | *For >100 To 150, Add* | *5.20* | |
| | | *For >75 To 100, Add* | *7.80* | |
| | | *For >50 To 75, Add* | *10.40* | |
| | | *For >25 To 50, Add* | *13.86* | |
| | | *For Up To 25, Add* | *19.06* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *4.33* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *12.70* | |
| 33 01 30 23-0032 | LF | 12" Diameter, Static Head Pipe Bursting | 49.23 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *5.10* | |
| | | *For >150 To 200, Add* | *3.06* | |
| | | *For >100 To 150, Add* | *6.12* | |
| | | *For >75 To 100, Add* | *9.18* | |
| | | *For >50 To 75, Add* | *12.24* | |
| | | *For >25 To 50, Add* | *16.32* | |
| | | *For Up To 25, Add* | *22.43* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *5.10* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *14.73* | |
| 33 01 30 23-0033 | LF | 15" Diameter, Static Head Pipe Bursting | 56.85 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *5.65* | |
| | | *For >150 To 200, Add* | *3.39* | |
| | | *For >100 To 150, Add* | *6.78* | |
| | | *For >75 To 100, Add* | *10.17* | |
| | | *For >50 To 75, Add* | *13.56* | |
| | | *For >25 To 50, Add* | *18.08* | |
| | | *For Up To 25, Add* | *24.85* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *5.65* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *16.66* | |
| 33 01 30 23-0034 | LF | 18" Diameter, Static Head Pipe Bursting | 62.80 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *6.39* | |
| | | *For >150 To 200, Add* | *3.84* | |
| | | *For >100 To 150, Add* | *7.67* | |
| | | *For >75 To 100, Add* | *11.51* | |
| | | *For >50 To 75, Add* | *15.34* | |
| | | *For >25 To 50, Add* | *20.46* | |
| | | *For Up To 25, Add* | *28.13* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *6.39* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *18.63* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 23-0035 | LF | 21"/22" Diameter, Static Head Pipe Bursting | 78.74 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *7.65* | |
| | | *For >150 To 200, Add* | *4.59* | |
| | | *For >100 To 150, Add* | *9.18* | |
| | | *For >75 To 100, Add* | *13.78* | |
| | | *For >50 To 75, Add* | *18.37* | |
| | | *For >25 To 50, Add* | *24.49* | |
| | | *For Up To 25, Add* | *33.68* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *7.65* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *22.83* | |
| 33 01 30 23-0036 | LF | 24" Diameter, Static Head Pipe Bursting | 101.88 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *10.55* | |
| | | *For >150 To 200, Add* | *6.33* | |
| | | *For >100 To 150, Add* | *12.66* | |
| | | *For >75 To 100, Add* | *18.98* | |
| | | *For >50 To 75, Add* | *25.31* | |
| | | *For >25 To 50, Add* | *33.75* | |
| | | *For Up To 25, Add* | *46.40* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *10.55* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *30.47* | |
| 33 01 30 23-0037 | LF | 30" Diameter, Static Head Pipe Bursting | 124.14 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *12.60* | |
| | | *For >150 To 200, Add* | *7.56* | |
| | | *For >100 To 150, Add* | *15.12* | |
| | | *For >75 To 100, Add* | *22.68* | |
| | | *For >50 To 75, Add* | *30.24* | |
| | | *For >25 To 50, Add* | *40.32* | |
| | | *For Up To 25, Add* | *55.45* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *12.60* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *36.77* | |
| 33 01 30 23-0038 | LF | 36" Diameter, Static Head Pipe Bursting | 149.71 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *15.80* | |
| | | *For >150 To 200, Add* | *9.48* | |
| | | *For >100 To 150, Add* | *18.96* | |
| | | *For >75 To 100, Add* | *28.44* | |
| | | *For >50 To 75, Add* | *37.91* | |
| | | *For >25 To 50, Add* | *50.55* | |
| | | *For Up To 25, Add* | *69.51* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *15.80* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *45.20* | |

## 33 01 30 23-0039 Hydraulic Head Pipe Bursting *(33 01 30 23-0006)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 23-0040 | LF | 4" Diameter, Hydraulic Head Pipe Bursting | 26.31 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *2.23* | |
| | | *For >150 To 200, Add* | *1.34* | |
| | | *For >100 To 150, Add* | *2.68* | |
| | | *For >75 To 100, Add* | *4.02* | |
| | | *For >50 To 75, Add* | *5.36* | |
| | | *For >25 To 50, Add* | *7.15* | |
| | | *For Up To 25, Add* | *9.83* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *2.23* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *7.16* | |
| 33 01 30 23-0041 | LF | 6" Diameter, Hydraulic Head Pipe Bursting | 29.44 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *2.63* | |
| | | *For >150 To 200, Add* | *1.58* | |
| | | *For >100 To 150, Add* | *3.15* | |
| | | *For >75 To 100, Add* | *4.73* | |
| | | *For >50 To 75, Add* | *6.30* | |
| | | *For >25 To 50, Add* | *8.40* | |
| | | *For Up To 25, Add* | *11.55* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *2.63* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *8.20* | |
| 33 01 30 23-0042 | LF | 8" Diameter, Hydraulic Head Pipe Bursting | 33.04 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *3.08* | |
| | | *For >150 To 200, Add* | *1.85* | |
| | | *For >100 To 150, Add* | *3.69* | |
| | | *For >75 To 100, Add* | *5.54* | |
| | | *For >50 To 75, Add* | *7.38* | |
| | | *For >25 To 50, Add* | *9.84* | |
| | | *For Up To 25, Add* | *13.53* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *3.08* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *9.38* | |
| 33 01 30 23-0043 | LF | 10" Diameter, Hydraulic Head Pipe Bursting | 37.71 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *3.66* | |
| | | *For >150 To 200, Add* | *2.20* | |
| | | *For >100 To 150, Add* | *4.39* | |
| | | *For >75 To 100, Add* | *6.59* | |
| | | *For >50 To 75, Add* | *8.78* | |
| | | *For >25 To 50, Add* | *11.71* | |
| | | *For Up To 25, Add* | *16.10* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *3.66* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *10.93* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 23-0044 | LF | 12" Diameter, Hydraulic Head Pipe Bursting | 43.10 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *4.33* | |
| | | *For >150 To 200, Add* | *2.60* | |
| | | *For >100 To 150, Add* | *5.20* | |
| | | *For >75 To 100, Add* | *7.80* | |
| | | *For >50 To 75, Add* | *10.40* | |
| | | *For >25 To 50, Add* | *13.86* | |
| | | *For Up To 25, Add* | *19.06* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *4.33* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *12.70* | |
| 33 01 30 23-0045 | LF | 15" Diameter, Hydraulic Head Pipe Bursting | 49.63 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *4.75* | |
| | | *For >150 To 200, Add* | *2.85* | |
| | | *For >100 To 150, Add* | *5.70* | |
| | | *For >75 To 100, Add* | *8.54* | |
| | | *For >50 To 75, Add* | *11.39* | |
| | | *For >25 To 50, Add* | *15.19* | |
| | | *For Up To 25, Add* | *20.88* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *4.75* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *14.28* | |
| 33 01 30 23-0046 | LF | 18" Diameter, Hydraulic Head Pipe Bursting | 55.47 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *5.48* | |
| | | *For >150 To 200, Add* | *3.29* | |
| | | *For >100 To 150, Add* | *6.57* | |
| | | *For >75 To 100, Add* | *9.86* | |
| | | *For >50 To 75, Add* | *13.14* | |
| | | *For >25 To 50, Add* | *17.52* | |
| | | *For Up To 25, Add* | *24.10* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *5.48* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *16.21* | |
| 33 01 30 23-0047 | LF | 21"/22" Diameter, Hydraulic Head Pipe Bursting | 69.97 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *6.56* | |
| | | *For >150 To 200, Add* | *3.93* | |
| | | *For >100 To 150, Add* | *7.87* | |
| | | *For >75 To 100, Add* | *11.80* | |
| | | *For >50 To 75, Add* | *15.74* | |
| | | *For >25 To 50, Add* | *20.98* | |
| | | *For Up To 25, Add* | *28.85* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *6.56* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *19.94* | |
| 33 01 30 23-0048 | LF | 24" Diameter, Hydraulic Head Pipe Bursting | 91.23 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *9.22* | |
| | | *For >150 To 200, Add* | *5.53* | |
| | | *For >100 To 150, Add* | *11.06* | |
| | | *For >75 To 100, Add* | *16.59* | |
| | | *For >50 To 75, Add* | *22.12* | |
| | | *For >25 To 50, Add* | *29.49* | |
| | | *For Up To 25, Add* | *40.55* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *9.22* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *26.95* | |
| 33 01 30 23-0049 | LF | 30" Diameter, Hydraulic Head Pipe Bursting | 112.20 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *11.11* | |
| | | *For >150 To 200, Add* | *6.67* | |
| | | *For >100 To 150, Add* | *13.33* | |
| | | *For >75 To 100, Add* | *20.00* | |
| | | *For >50 To 75, Add* | *26.66* | |
| | | *For >25 To 50, Add* | *35.55* | |
| | | *For Up To 25, Add* | *48.88* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *11.11* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *32.83* | |
| 33 01 30 23-0050 | LF | 36" Diameter, Hydraulic Head Pipe Bursting | 136.51 | |
| | | *For The Increase In Pipe Diameter By 1 Pipe Size, Add* | *14.15* | |
| | | *For >150 To 200, Add* | *8.49* | |
| | | *For >100 To 150, Add* | *16.98* | |
| | | *For >75 To 100, Add* | *25.47* | |
| | | *For >50 To 75, Add* | *33.95* | |
| | | *For >25 To 50, Add* | *45.27* | |
| | | *For Up To 25, Add* | *62.25* | |
| | | *For Bursting Polyvinyl Chloride (PVC) Pipe, Add* | *14.15* | |
| | | *For Bursting Ductile Iron Pipe, Add* | *40.85* | |

33 01 30 23-0051 Pipe Lining *(33 01 30 23-0001)*

33 01 30 23-0052 Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining *(33 01 30 23-0051)*
Note: Per each joint.

| | | | |
|---|---|---|---|
| 33 01 30 23-0053 | EA | 4" To 15", Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining | 104.11 |
| 33 01 30 23-0054 | EA | >15" To 24", Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining | 119.46 |
| 33 01 30 23-0055 | EA | >24" To 36", Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining | 142.47 |

33 01 30 23-0056 High Density Polyethylene (HDPE) Pipe Lining, DR 17 *(33 01 30 23-0051)*
Note: Material to be installed behind bursting head. Excludes pipe joint fusion. See CSI section 33 01 30 23-0052 for pipe joint fusion.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 23-0057 | LF | 4" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 4.69 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-0.61* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *1.65* | |
| | | *For White Interior Pipe, Add* | *1.12* | |
| | | *For Gray Interior Pipe, Add* | *0.85* | |
| 33 01 30 23-0058 | LF | 5" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 6.46 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-0.92* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *2.50* | |
| | | *For White Interior Pipe, Add* | *1.69* | |
| | | *For Gray Interior Pipe, Add* | *1.28* | |
| 33 01 30 23-0059 | LF | 6" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 8.68 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-1.32* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *3.57* | |
| | | *For White Interior Pipe, Add* | *2.41* | |
| | | *For Gray Interior Pipe, Add* | *1.83* | |
| 33 01 30 23-0060 | LF | 7.125" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 9.84 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-1.52* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *4.13* | |
| | | *For White Interior Pipe, Add* | *2.79* | |
| | | *For Gray Interior Pipe, Add* | *2.11* | |
| 33 01 30 23-0061 | LF | 8" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 13.78 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-2.22* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *6.03* | |
| | | *For White Interior Pipe, Add* | *4.07* | |
| | | *For Gray Interior Pipe, Add* | *3.09* | |
| 33 01 30 23-0062 | LF | 10" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 20.68 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-3.45* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *9.38* | |
| | | *For White Interior Pipe, Add* | *6.33* | |
| | | *For Gray Interior Pipe, Add* | *4.80* | |
| 33 01 30 23-0063 | LF | 12" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 28.52 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-4.86* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *13.20* | |
| | | *For White Interior Pipe, Add* | *8.91* | |
| | | *For Gray Interior Pipe, Add* | *6.75* | |
| 33 01 30 23-0064 | LF | 13.375" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 31.27 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-5.35* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *14.52* | |
| | | *For White Interior Pipe, Add* | *9.80* | |
| | | *For Gray Interior Pipe, Add* | *7.43* | |
| 33 01 30 23-0065 | LF | 14" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 34.16 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-5.86* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *15.92* | |
| | | *For White Interior Pipe, Add* | *10.74* | |
| | | *For Gray Interior Pipe, Add* | *8.14* | |
| 33 01 30 23-0066 | LF | 16" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 44.22 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-7.65* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *20.79* | |
| | | *For White Interior Pipe, Add* | *14.03* | |
| | | *For Gray Interior Pipe, Add* | *10.63* | |
| 33 01 30 23-0067 | LF | 18" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 55.66 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-9.69* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *26.32* | |
| | | *For White Interior Pipe, Add* | *17.76* | |
| | | *For Gray Interior Pipe, Add* | *13.46* | |
| 33 01 30 23-0068 | LF | 20" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 68.40 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-11.96* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *32.49* | |
| | | *For White Interior Pipe, Add* | *21.93* | |
| | | *For Gray Interior Pipe, Add* | *16.61* | |
| 33 01 30 23-0069 | LF | 22" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 82.50 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-14.47* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *39.31* | |
| | | *For White Interior Pipe, Add* | *26.53* | |
| | | *For Gray Interior Pipe, Add* | *20.10* | |
| 33 01 30 23-0070 | LF | 24" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 97.99 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-17.23* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *46.80* | |
| | | *For White Interior Pipe, Add* | *31.58* | |
| | | *For Gray Interior Pipe, Add* | *23.93* | |
| 33 01 30 23-0071 | LF | 26" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 114.73 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-20.20* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *54.89* | |
| | | *For White Interior Pipe, Add* | *37.04* | |
| | | *For Gray Interior Pipe, Add* | *28.06* | |
| 33 01 30 23-0072 | LF | 28" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 132.94 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-23.44* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *63.67* | |
| | | *For White Interior Pipe, Add* | *42.97* | |
| | | *For Gray Interior Pipe, Add* | *32.55* | |
| 33 01 30 23-0073 | LF | 30" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 152.52 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-26.91* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *73.10* | |
| | | *For White Interior Pipe, Add* | *49.33* | |
| | | *For Gray Interior Pipe, Add* | *37.37* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 23-0074 | LF | 32" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 173.46 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-30.61* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *83.14* | |
| | | *For White Interior Pipe, Add* | *56.11* | |
| | | *For Gray Interior Pipe, Add* | *42.51* | |
| 33 01 30 23-0075 | LF | 34" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 213.71 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-37.76* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *102.59* | |
| | | *For White Interior Pipe, Add* | *69.23* | |
| | | *For Gray Interior Pipe, Add* | *52.45* | |
| 33 01 30 23-0076 | LF | 36" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining | 219.79 | |
| | | *For DR 21 Polyethylene Pipe, 80 PSI, Deduct* | *-38.74* | |
| | | *For DR 11 Polyethylene Pipe, 160 PSI, Add* | *105.24* | |
| | | *For White Interior Pipe, Add* | *71.02* | |
| | | *For Gray Interior Pipe, Add* | *53.81* | |

### 33 01 30 23-0077 Re-Connection Of Non-Renewed Laterals *(33 01 30 23-0001)*

### 33 01 30 23-0078 Re-Connection Of Non-Renewed Laterals; Insert-A-Tee *(33 01 30 23-0077)*

Note: Includes cutting hole in pipe and excavation vacuum truck for exterior pipe lateral reconnection. Excludes asphalt removal, asphalt replacement pavement both temporary and permanent, hauling, and back-fill material. See CSI section 01 74 19 00-0037 for hauling, 31 05 16 00-0001 for back-fill material, 31 23 16 36-0016 for backfill, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement.

| | | | | |
|---|---|---|---|---|
| 33 01 30 23-0079 | EA | Re-Connection Of Non-Renewed Lateral, 6 To 8" Main With 4" Inserta-Tee | 1,089.01 | |
| | | *For No Excavation, Deduct* | *-695.05* | |
| 33 01 30 23-0080 | EA | Re-Connection Of Non-Renewed Lateral, 8" Main With 6" Inserta-Tee | 1,221.86 | |
| | | *For No Excavation, Deduct* | *-781.94* | |
| 33 01 30 23-0081 | EA | Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 4" Inserta-Tee | 1,289.74 | |
| | | *For No Excavation, Deduct* | *-825.37* | |
| 33 01 30 23-0082 | EA | Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 6" Inserta-Tee | 1,357.62 | |
| | | *For No Excavation, Deduct* | *-868.81* | |
| 33 01 30 23-0083 | EA | Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 8" Inserta-Tee | 1,480.83 | |
| | | *For No Excavation, Deduct* | *-912.26* | |
| 33 01 30 23-0084 | EA | Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 4" Inserta-Tee | 1,378.00 | |
| | | *For No Excavation, Deduct* | *-868.81* | |
| 33 01 30 23-0085 | EA | Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 6" Inserta-Tee | 1,448.81 | |
| | | *For No Excavation, Deduct* | *-912.26* | |
| 33 01 30 23-0086 | EA | Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 8" Inserta-Tee | 1,560.35 | |
| | | *For No Excavation, Deduct* | *-955.70* | |
| 33 01 30 23-0087 | EA | Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 10" Inserta-Tee | 1,869.89 | |
| | | *For No Excavation, Deduct* | *-999.14* | |
| 33 01 30 23-0088 | EA | Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 12" Inserta-Tee | 1,972.71 | |
| | | *For No Excavation, Deduct* | *-1,042.58* | |
| 33 01 30 23-0089 | EA | Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 15" Inserta-Tee | 2,459.85 | |
| | | *For No Excavation, Deduct* | *-1,086.02* | |

### 33 01 30 23-0090 Re-Connection Of Non-Renewed Laterals; Saddle Style *(33 01 30 23-0077)*

Note: Includes excavation vacuum truck for exterior pipe lateral reconnection, fusion to high density polyethylene (HDPE) pipe for lateral. Excludes asphalt removal, asphalt replacement pavement both temporary and permanent, hauling and back-fill material. See CSI section 01 74 19 00-0037 for hauling, 31 05 16 00-0001 for back-fill material, 31 23 16 36-0016 for backfill, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement.

| | | | | |
|---|---|---|---|---|
| 33 01 30 23-0091 | EA | Re-Connection Of Non-Renewed Lateral, 6" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 2,474.94 | |
| | | *For No Excavation, Deduct* | *-775.73* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *-171.77* | |
| 33 01 30 23-0092 | EA | Re-Connection Of Non-Renewed Lateral, 8" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 2,747.78 | |
| | | *For No Excavation, Deduct* | *-806.76* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *-152.57* | |
| 33 01 30 23-0093 | EA | Re-Connection Of Non-Renewed Lateral, 10" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 3,918.95 | |
| | | *For No Excavation, Deduct* | *-837.79* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *1.39* | |
| 33 01 30 23-0094 | EA | Re-Connection Of Non-Renewed Lateral, 12" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 4,105.12 | |
| | | *For No Excavation, Deduct* | *-930.88* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *-35.84* | |
| 33 01 30 23-0095 | EA | Re-Connection Of Non-Renewed Lateral, 14" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 7,467.48 | |
| | | *For No Excavation, Deduct* | *-992.94* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *425.07* | |
| 33 01 30 23-0096 | EA | Re-Connection Of Non-Renewed Lateral, 16" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 8,084.19 | |
| | | *For No Excavation, Deduct* | *-1,101.54* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *441.55* | |
| 33 01 30 23-0097 | EA | Re-Connection Of Non-Renewed Lateral, 18" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 10,960.64 | |
| | | *For No Excavation, Deduct* | *-1,210.14* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *797.00* | |
| 33 01 30 23-0098 | EA | Re-Connection Of Non-Renewed Lateral, 20" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 10,370.92 | |
| | | *For No Excavation, Deduct* | *-1,365.29* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *599.94* | |
| 33 01 30 23-0099 | EA | Re-Connection Of Non-Renewed Lateral, 24" Main With 4" Or 6" Saddle Tap (Mueller H-615) | 12,612.51 | |
| | | *For No Excavation, Deduct* | *-1,613.52* | |
| | | *For Strap-On Saddle Type Instead Of Fusion Weld* | *762.42* | |

## 33 01 30 41 Cleaning of Sewers *(33 01 30)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 41-0001 | | **Pipe Line Cleaning And Flushing** *(33 01 30 41)*<br>Note: Includes flushing. Owner provided water. See CSI section 33 01 30 89-0001 for bypass pumping and piping. | | |
| 33 01 30 41-0002 | | **Pipe Line Cleaning** *(33 01 30 41-0001)*<br>Note: Includes removal of all debris/waste. Excludes disposal. | | |
| 33 01 30 41-0003 | | **Hydro Jet Set-up And Reinsertion** *(33 01 30 41-0002)* | | |
| 33 01 30 41-0004 | EA | Initial Set Up And Final Equipment Removal For Jet Cleaning | 2,330.46 | |
| 33 01 30 41-0005 | EA | Move And Reset Up At Different Access/Location For Jet Cleaning | 582.62 | |
| 33 01 30 41-0006 | | **Hydro Jet Cleaning Of Sewer And Water Pipelines** *(33 01 30 41-0002)* | | |
| 33 01 30 41-0007 | LF | Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | 3.13 | |
| | | *For >250 To 500, Deduct* | *-0.16* | |
| | | *For >500 To 1,000, Deduct* | *-0.31* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.47* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.63* | |
| | | *For >5,000, Deduct* | *-0.78* | |
| | | *For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add* | *2.35* | |
| 33 01 30 41-0008 | LF | 6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | 3.60 | |
| | | *For >250 To 500, Deduct* | *-0.18* | |
| | | *For >500 To 1,000, Deduct* | *-0.36* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.54* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.72* | |
| | | *For >5,000, Deduct* | *-0.90* | |
| | | *For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add* | *2.70* | |
| 33 01 30 41-0009 | LF | 8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | 4.22 | |
| | | *For >250 To 500, Deduct* | *-0.21* | |
| | | *For >500 To 1,000, Deduct* | *-0.42* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.63* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.84* | |
| | | *For >5,000, Deduct* | *-1.06* | |
| | | *For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add* | *3.17* | |
| 33 01 30 41-0010 | LF | 10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | 5.22 | |
| | | *For >250 To 500, Deduct* | *-0.26* | |
| | | *For >500 To 1,000, Deduct* | *-0.52* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.78* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.04* | |
| | | *For >5,000, Deduct* | *-1.31* | |
| | | *For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add* | *3.92* | |
| 33 01 30 41-0011 | LF | 12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | 5.92 | |
| | | *For >250 To 500, Deduct* | *-0.30* | |
| | | *For >500 To 1,000, Deduct* | *-0.59* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.89* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.18* | |
| | | *For >5,000, Deduct* | *-1.48* | |
| | | *For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add* | *4.44* | |
| 33 01 30 41-0012 | LF | >12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | 6.84 | |
| | | *For >250 To 500, Deduct* | *-0.34* | |
| | | *For >500 To 1,000, Deduct* | *-0.68* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.03* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.37* | |
| | | *For >5,000, Deduct* | *-1.71* | |
| | | *For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add* | *5.13* | |
| 33 01 30 41-0013 | LF | >16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | 8.22 | |
| | | *For >250 To 500, Deduct* | *-0.41* | |
| | | *For >500 To 1,000, Deduct* | *-0.82* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.23* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.64* | |
| | | *For >5,000, Deduct* | *-2.06* | |
| | | *For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add* | *6.17* | |
| 33 01 30 41-0014 | LF | >24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes | 9.34 | |
| | | *For >250 To 500, Deduct* | *-0.47* | |
| | | *For >500 To 1,000, Deduct* | *-0.93* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.40* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.87* | |
| | | *For >5,000, Deduct* | *-2.34* | |
| | | *For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add* | *7.01* | |
| 33 01 30 41-0015 | | **Flushing Of Storm Water Pipelines** *(33 01 30 41-0002)*<br>Note: To remove silt and small debris from storm drainage pipes. Excludes disposal. | | |
| 33 01 30 41-0016 | LF | 12" To 16" Diameter Pipe Line Flushing | 1.11 | |
| | | *For >250 To 500, Deduct* | *-0.06* | |
| | | *For >500 To 1,000, Deduct* | *-0.11* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.17* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.22* | |
| | | *For >5,000, Deduct* | *-0.28* | |
| 33 01 30 41-0017 | LF | >16" To 24" Diameter Pipe Line Flushing | 1.28 | |
| | | *For >250 To 500, Deduct* | *-0.06* | |
| | | *For >500 To 1,000, Deduct* | *-0.13* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.19* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.26* | |
| | | *For >5,000, Deduct* | *-0.32* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 41-0018 | LF | >24" To 30" Diameter Pipe Line Flushing | 1.50 | |
| | | *For >250 To 500, Deduct* | *-0.08* | |
| | | *For >500 To 1,000, Deduct* | *-0.15* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.23* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.30* | |
| | | *For >5,000, Deduct* | *-0.38* | |
| 33 01 30 41-0019 | LF | >30" To 42" Diameter Pipe Line Flushing | 1.72 | |
| | | *For >250 To 500, Deduct* | *-0.09* | |
| | | *For >500 To 1,000, Deduct* | *-0.17* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.26* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.34* | |
| | | *For >5,000, Deduct* | *-0.43* | |
| 33 01 30 41-0020 | LF | >42" To 60" Diameter Pipe Line Flushing | 2.29 | |
| | | *For >250 To 500, Deduct* | *-0.11* | |
| | | *For >500 To 1,000, Deduct* | *-0.23* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.34* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.46* | |
| | | *For >5,000, Deduct* | *-0.57* | |

## 33 01 30 41-0021 Hydro Jet Cleaning Of Culverts *(33 01 30 41-0002)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 41-0022 | LF | Jet Cleaning Of Culvert, 0-250 LF | 14.49 | |
| | | *For >250 To 500, Deduct* | *-0.72* | |
| | | *For >500 To 1,000, Deduct* | *-1.45* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.17* | |
| | | *For >2,000 To 5,000, Deduct* | *-2.90* | |
| | | *For >5,000, Deduct* | *-3.62* | |

## 33 01 30 41-0023 Pipe Line Cleaning, Mechanical Method *(33 01 30 41-0001)*

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.

| | | | | |
|---|---|---|---|---|
| 33 01 30 41-0024 | EA | Initial Set Up And Final Equipment Removal For Mechanical Cleaning | 984.12 | |
| 33 01 30 41-0025 | EA | Move And Reset Up At Different Access/Location | 328.04 | |
| 33 01 30 41-0026 | LF | Up To 4" Diameter Pipe Line Cleaning, Mechanical Method | 5.73 | |
| | | *For >250 To 500, Deduct* | *-0.27* | |
| | | *For >500 To 1,000, Deduct* | *-0.55* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.82* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.09* | |
| | | *For >5,000, Deduct* | *-1.37* | |
| 33 01 30 41-0027 | LF | 6" Diameter Pipe Line Cleaning, Mechanical Method | 7.55 | |
| | | *For >250 To 500, Deduct* | *-0.35* | |
| | | *For >500 To 1,000, Deduct* | *-0.70* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.05* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.41* | |
| | | *For >5,000, Deduct* | *-1.76* | |
| 33 01 30 41-0028 | LF | 8" Diameter Pipe Line Cleaning, Mechanical Method | 8.86 | |
| | | *For >250 To 500, Deduct* | *-0.41* | |
| | | *For >500 To 1,000, Deduct* | *-0.82* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.23* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.64* | |
| | | *For >5,000, Deduct* | *-2.05* | |
| 33 01 30 41-0029 | LF | 10" Diameter Pipe Line Cleaning, Mechanical Method | 10.26 | |
| | | *For >250 To 500, Deduct* | *-0.47* | |
| | | *For >500 To 1,000, Deduct* | *-0.95* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.42* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.89* | |
| | | *For >5,000, Deduct* | *-2.37* | |
| 33 01 30 41-0030 | LF | 12" Diameter Pipe Line Cleaning, Mechanical Method | 11.17 | |
| | | *For >250 To 500, Deduct* | *-0.51* | |
| | | *For >500 To 1,000, Deduct* | *-1.03* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.54* | |
| | | *For >2,000 To 5,000, Deduct* | *-2.05* | |
| | | *For >5,000, Deduct* | *-2.56* | |
| 33 01 30 41-0031 | LF | >12" To 16" Diameter Pipe Line Cleaning, Mechanical Method | 12.89 | |
| | | *For >250 To 500, Deduct* | *-0.59* | |
| | | *For >500 To 1,000, Deduct* | *-1.17* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.76* | |
| | | *For >2,000 To 5,000, Deduct* | *-2.34* | |
| | | *For >5,000, Deduct* | *-2.93* | |
| 33 01 30 41-0032 | LF | >16" To 24" Diameter Pipe Line Cleaning, Mechanical Method | 16.30 | |
| | | *For >250 To 500, Deduct* | *-0.72* | |
| | | *For >500 To 1,000, Deduct* | *-1.45* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.17* | |
| | | *For >2,000 To 5,000, Deduct* | *-2.89* | |
| | | *For >5,000, Deduct* | *-3.62* | |
| 33 01 30 41-0033 | LF | >24" To 30" Diameter Pipe Line Cleaning, Mechanical Method | 18.75 | |
| | | *For >250 To 500, Deduct* | *-0.81* | |
| | | *For >500 To 1,000, Deduct* | *-1.61* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.42* | |
| | | *For >2,000 To 5,000, Deduct* | *-3.23* | |
| | | *For >5,000, Deduct* | *-4.03* | |
| 33 01 30 41-0034 | LF | >30" To 42" Diameter Pipe Line Cleaning, Mechanical Method | 21.85 | |
| | | *For >250 To 500, Deduct* | *-0.93* | |
| | | *For >500 To 1,000, Deduct* | *-1.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.79* | |
| | | *For >2,000 To 5,000, Deduct* | *-3.71* | |
| | | *For >5,000, Deduct* | *-4.64* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 41-0035 | LF | >42 To 60" Diameter Pipe Line Cleaning, Mechanical Method | 28.53 | |
| | | *For >250 To 500, Deduct* | *-1.23* | |
| | | *For >500 To 1,000, Deduct* | *-2.46* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.69* | |
| | | *For >2,000 To 5,000, Deduct* | *-4.92* | |
| | | *For >5,000, Deduct* | *-6.15* | |
| 33 01 30 41-0036 | LF | >60" Diameter Pipe Line Cleaning, Mechanical Method | 32.58 | |
| | | *For >250 To 500, Deduct* | *-1.37* | |
| | | *For >500 To 1,000, Deduct* | *-2.73* | |
| | | *For >1,000 To 2,000, Deduct* | *-4.10* | |
| | | *For >2,000 To 5,000, Deduct* | *-5.47* | |
| | | *For >5,000, Deduct* | *-6.84* | |

### 33 01 30 41-0037 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 41-0038 | EA | Initial Set Up And Final Equipment Removal For Auguring | 984.12 | |
| 33 01 30 41-0039 | EA | Move And Reset Up At Different Location | 328.04 | |
| 33 01 30 41-0040 | LF | Up To 4" Diameter Pipe Line Auguring/Rod Out | 3.28 | |
| | | *For >250 To 500, Deduct* | *-0.16* | |
| | | *For >500 To 1,000, Deduct* | *-0.33* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.49* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.66* | |
| | | *For >5,000, Deduct* | *-0.82* | |
| 33 01 30 41-0041 | LF | 6" Diameter Pipe Line Auguring/Rod Out | 4.25 | |
| | | *For >250 To 500, Deduct* | *-0.21* | |
| | | *For >500 To 1,000, Deduct* | *-0.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.64* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.85* | |
| | | *For >5,000, Deduct* | *-1.06* | |
| 33 01 30 41-0042 | LF | 8" Diameter Pipe Line Auguring/Rod Out | 4.92 | |
| | | *For >250 To 500, Deduct* | *-0.25* | |
| | | *For >500 To 1,000, Deduct* | *-0.49* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.74* | |
| | | *For >2,000 To 5,000, Deduct* | *-0.98* | |
| | | *For >5,000, Deduct* | *-1.23* | |
| 33 01 30 41-0043 | LF | 10" Diameter Pipe Line Auguring/Rod Out | 5.72 | |
| | | *For >250 To 500, Deduct* | *-0.29* | |
| | | *For >500 To 1,000, Deduct* | *-0.57* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.86* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.14* | |
| | | *For >5,000, Deduct* | *-1.43* | |
| 33 01 30 41-0044 | LF | 12" Diameter Pipe Line Auguring/Rod Out | 6.15 | |
| | | *For >250 To 500, Deduct* | *-0.31* | |
| | | *For >500 To 1,000, Deduct* | *-0.62* | |
| | | *For >1,000 To 2,000, Deduct* | *-0.92* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.23* | |
| | | *For >5,000, Deduct* | *-1.54* | |
| 33 01 30 41-0045 | LF | >12" To 16" Diameter Pipe Line Auguring/Rod Out | 7.03 | |
| | | *For >250 To 500, Deduct* | *-0.35* | |
| | | *For >500 To 1,000, Deduct* | *-0.70* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.05* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.41* | |
| | | *For >5,000, Deduct* | *-1.76* | |
| 33 01 30 41-0046 | LF | >16" To 24" Diameter Pipe Line Auguring/Rod Out | 8.63 | |
| | | *For >250 To 500, Deduct* | *-0.43* | |
| | | *For >500 To 1,000, Deduct* | *-0.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.29* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.73* | |
| | | *For >5,000, Deduct* | *-2.16* | |
| 33 01 30 41-0047 | LF | >24" To 30" Diameter Pipe Line Auguring/Rod Out | 9.65 | |
| | | *For >250 To 500, Deduct* | *-0.48* | |
| | | *For >500 To 1,000, Deduct* | *-0.97* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.45* | |
| | | *For >2,000 To 5,000, Deduct* | *-1.93* | |
| | | *For >5,000, Deduct* | *-2.41* | |
| 33 01 30 41-0048 | LF | >30" To 42" Diameter Pipe Line Auguring/Rod Out | 11.18 | |
| | | *For >250 To 500, Deduct* | *-0.56* | |
| | | *For >500 To 1,000, Deduct* | *-1.12* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.68* | |
| | | *For >2,000 To 5,000, Deduct* | *-2.24* | |
| | | *For >5,000, Deduct* | *-2.80* | |
| 33 01 30 41-0049 | LF | >42 To 60" Diameter Pipe Line Auguring/Rod Out | 15.38 | |
| | | *For >250 To 500, Deduct* | *-0.77* | |
| | | *For >500 To 1,000, Deduct* | *-1.54* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.31* | |
| | | *For >2,000 To 5,000, Deduct* | *-3.08* | |
| | | *For >5,000, Deduct* | *-3.85* | |
| 33 01 30 41-0050 | LF | >60" Diameter Pipe Line Auguring/Rod Out | 16.40 | |
| | | *For >250 To 500, Deduct* | *-0.82* | |
| | | *For >500 To 1,000, Deduct* | *-1.64* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.46* | |
| | | *For >2,000 To 5,000, Deduct* | *-3.28* | |
| | | *For >5,000, Deduct* | *-4.10* | |

## 33 01 30 42 Cleaning of Manholes *(33 01 30)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 42-0001 | | **Structure Cleaning And Flushing** *(33 01 30 42)*<br>Note: Includes flushing. Owner provided water. | | |
| 33 01 30 42-0002 | | **Rod Out Structures And Other Hand Operations** *(33 01 30 42-0001)* | | |
| 33 01 30 42-0003 | EA | Rod Out Waste Water Drain | 49.89 | |
| 33 01 30 42-0004 | EA | Rod Out Sewer Catch Basin | 99.78 | |
| 33 01 30 42-0005 | EA | Up To 6" Diameter Pipe, Rod Out Blockage | 19.95 | |
| 33 01 30 42-0006 | EA | 8" Diameter Pipe, Rod Out Blockage | 21.95 | |
| 33 01 30 42-0007 | EA | 10" Diameter Pipe, Rod Out Blockage | 24.95 | |
| 33 01 30 42-0008 | EA | 12" Diameter Pipe, Rod Out Blockage | 28.94 | |
| 33 01 30 42-0009 | EA | >12" To 16" Diameter Pipe, Rod Out Blockage | 33.93 | |
| 33 01 30 42-0010 | EA | >16" To 24" Diameter Pipe, Rod Out Blockage | 39.92 | |
| 33 01 30 42-0011 | EA | >24" To 30" Diameter Pipe, Rod Out Blockage | 46.90 | |
| 33 01 30 42-0012 | EA | >30" To 42" Diameter Pipe, Rod Out Blockage | 53.88 | |
| 33 01 30 42-0013 | EA | >42" To 60" Diameter Pipe, Rod Out Blockage | 62.87 | |
| 33 01 30 42-0014 | EA | >60" Diameter Pipe, Rod Out Blockage | 74.84 | |
| 33 01 30 42-0015 | EA | Clean Out Debris From Entrance To Inlet Structure | 249.46 | |
| 33 01 30 42-0016 | EA | 3' To 4' Diameter, Clean Out Blocked Manhole By Hand | 687.96 | |
| | | *For >10 To 100, Deduct* | *-103.19* | |
| | | *For >100 To 250, Deduct* | *-154.79* | |
| | | *For >250, Deduct* | *-206.39* | |
| 33 01 30 42-0017 | EA | 5' To 6' Diameter, Clean Out Blocked Manhole By Hand | 825.55 | |
| | | *For >10 To 100, Deduct* | *-123.83* | |
| | | *For >100 To 250, Deduct* | *-185.75* | |
| | | *For >250, Deduct* | *-247.67* | |
| 33 01 30 42-0018 | EA | Clean Out Blocked Catch Basin By Hand | 412.78 | |
| | | *For >10 To 100, Deduct* | *-61.92* | |
| | | *For >100 To 250, Deduct* | *-92.88* | |
| | | *For >250, Deduct* | *-123.83* | |
| 33 01 30 42-0019 | | **Cleaning Manholes And Drainage Structures With Jet/Vacuum** *(33 01 30 42-0001)*<br>Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material. | | |
| 33 01 30 42-0020 | EA | Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes | 275.03 | |
| 33 01 30 42-0021 | EA | Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes | 255.18 | |
| 33 01 30 42-0022 | EA | Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes | 235.34 | |
| 33 01 30 42-0023 | EA | Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes | 215.50 | |
| 33 01 30 42-0024 | EA | Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes | 195.65 | |
| 33 01 30 42-0025 | EA | Jet/Vacuum Clean >250 Catch Basins Or Manholes | 175.81 | |
| **33 01 30 51** | | **Maintenance of Utilities** *(33 01 30)* | | |
| 33 01 30 51-0001 | | **Pipe Repair** *(33 01 30 51)* | | |
| 33 01 30 51-0002 | | **Pipe Repair Clamp, Full Circle, Single Band** *(33 01 30 51-0001)*<br>Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe. | | |
| 33 01 30 51-0003 | EA | 2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 128.05 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *20.64* | |
| 33 01 30 51-0004 | EA | 2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 181.67 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *31.10* | |
| 33 01 30 51-0005 | EA | 2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 209.77 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *36.63* | |
| 33 01 30 51-0006 | EA | 2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 238.93 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *42.14* | |
| 33 01 30 51-0007 | EA | 2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 138.09 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *22.41* | |
| 33 01 30 51-0008 | EA | 2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 193.08 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *33.19* | |
| 33 01 30 51-0009 | EA | 2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 221.19 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *38.59* | |
| 33 01 30 51-0010 | EA | 2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 255.52 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *45.15* | |
| 33 01 30 51-0011 | EA | 3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 148.42 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *24.52* | |
| 33 01 30 51-0012 | EA | 3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 200.80 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *34.70* | |
| 33 01 30 51-0013 | EA | 3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 232.05 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *40.68* | |
| 33 01 30 51-0014 | EA | 3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 270.38 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *48.30* | |
| 33 01 30 51-0015 | EA | 4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 167.18 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *27.88* | |
| 33 01 30 51-0016 | EA | 4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 220.69 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *37.53* | |
| 33 01 30 51-0017 | EA | 4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 267.59 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *45.68* | |
| 33 01 30 51-0018 | EA | 4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 322.37 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *55.11* | |
| 33 01 30 51-0019 | EA | 4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 421.15 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *74.02* | |
| 33 01 30 51-0020 | EA | 4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | 523.79 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *92.93* | |

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| CSI | UOM | DESCRIPTION | MINOR | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 33 01 30 51-0021 | EA | 4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 638.91 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *113.99* | |
| 33 01 30 51-0022 | EA | 6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 196.50 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *32.90* | |
| 33 01 30 51-0023 | EA | 6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 260.86 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *44.63* | |
| 33 01 30 51-0024 | EA | 6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 309.00 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *52.62* | |
| 33 01 30 51-0025 | EA | 6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 362.11 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *61.15* | |
| 33 01 30 51-0026 | EA | 6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 500.75 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *88.61* | |
| 33 01 30 51-0027 | EA | 6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 608.81 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *108.06* | |
| 33 01 30 51-0028 | EA | 6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 727.14 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *129.12* | |
| 33 01 30 51-0029 | EA | 8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 256.67 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *39.36* | |
| 33 01 30 51-0030 | EA | 8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 333.36 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *52.08* | |
| 33 01 30 51-0031 | EA | 8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 402.34 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *63.02* | |
| 33 01 30 51-0032 | EA | 8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 480.50 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *75.10* | |
| 33 01 30 51-0033 | EA | 8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 637.34 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *104.04* | |
| 33 01 30 51-0034 | EA | 8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 762.28 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *124.41* | |
| 33 01 30 51-0035 | EA | 8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 902.92 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *146.43* | |
| 33 01 30 51-0036 | EA | 10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 300.23 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *47.90* | |
| 33 01 30 51-0037 | EA | 10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 403.03 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *66.26* | |
| 33 01 30 51-0038 | EA | 10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 474.78 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *77.47* | |
| 33 01 30 51-0039 | EA | 10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 582.36 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *95.82* | |
| 33 01 30 51-0040 | EA | 10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 763.98 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *129.97* | |
| 33 01 30 51-0041 | EA | 10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 870.04 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *145.27* | |
| 33 01 30 51-0042 | EA | 10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 1,118.77 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *191.65* | |
| 33 01 30 51-0043 | EA | 12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 341.84 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *54.03* | |
| 33 01 30 51-0044 | EA | 12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 446.10 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *71.86* | |
| 33 01 30 51-0045 | EA | 12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 538.46 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *86.96* | |
| 33 01 30 51-0046 | EA | 12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 662.27 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *108.06* | |
| 33 01 30 51-0047 | EA | 12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 851.50 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *142.72* | |
| 33 01 30 51-0048 | EA | 12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 1,001.59 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *166.67* | |
| 33 01 30 51-0049 | EA | 12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) | | 1,272.13 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *216.11* | |

## 33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands *(33 01 30 51-0001)*

Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.

| | | | | | |
|---|---|---|---|---|---|
| 33 01 30 51-0051 | EA | 14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | | 756.87 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *207.89* | |
| 33 01 30 51-0052 | EA | 14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | | 1,072.28 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *300.12* | |
| 33 01 30 51-0053 | EA | 14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | | 1,443.51 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *407.00* | |
| 33 01 30 51-0054 | EA | 14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | | 2,124.45 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *613.43* | |
| 33 01 30 51-0055 | EA | 15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | | 794.44 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *218.12* | |
| 33 01 30 51-0056 | EA | 15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | | 1,122.50 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *314.03* | |
| 33 01 30 51-0057 | EA | 15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | | 1,507.47 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *424.56* | |
| 33 01 30 51-0058 | EA | 15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | | 2,227.10 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | | *642.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 51-0059 | EA | 15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 814.87 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *222.53* | |
| 33 01 30 51-0060 | EA | 15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,149.36 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *319.90* | |
| 33 01 30 51-0061 | EA | 15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,547.24 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *434.08* | |
| 33 01 30 51-0062 | EA | 15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 2,284.02 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *656.60* | |
| 33 01 30 51-0063 | EA | 16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 836.35 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *226.92* | |
| 33 01 30 51-0064 | EA | 16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,179.98 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *326.48* | |
| 33 01 30 51-0065 | EA | 16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,585.88 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *442.13* | |
| 33 01 30 51-0066 | EA | 16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 2,340.97 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *669.79* | |
| 33 01 30 51-0067 | EA | 17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 855.69 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *230.58* | |
| 33 01 30 51-0068 | EA | 17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,206.24 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *331.60* | |
| 33 01 30 51-0069 | EA | 17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,624.51 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *450.18* | |
| 33 01 30 51-0070 | EA | 17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 2,392.54 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *680.76* | |
| 33 01 30 51-0071 | EA | 17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 873.95 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *234.25* | |
| 33 01 30 51-0072 | EA | 17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,233.10 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *337.45* | |
| 33 01 30 51-0073 | EA | 17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,658.90 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *457.50* | |
| 33 01 30 51-0074 | EA | 17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 2,425.74 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *686.25* | |
| 33 01 30 51-0075 | EA | 18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 894.84 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *238.81* | |
| 33 01 30 51-0076 | EA | 18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,264.78 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *344.77* | |
| 33 01 30 51-0077 | EA | 18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 1,695.38 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *465.55* | |
| 33 01 30 51-0078 | EA | 18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) | 2,498.87 | |
| | | *For Stainless Steel Nuts And Bolts, Add* | *705.65* | |

33 01 30 51-0079 Polyseal Pipe Coupler *(33 01 30 51-0001)*

| | | | |
|---|---|---|---|
| 33 01 30 51-0080 | EA | 18" Diameter Pipe, PolySeal Repair Couplers (MarMac) | 324.32 |
| 33 01 30 51-0081 | EA | 24" Diameter Pipe, PolySeal Repair Couplers (MarMac) | 366.30 |

## 33 01 30 70 Rehabilitation of Sewer Utilities *(33 01 30)*

33 01 30 70-0001 Cementitious Pipe Coatings By Hand *(33 01 30 70)*

Note: To be used on repair areas to install the coating on the exposed portion of the pipe.

| | | | |
|---|---|---|---|
| 33 01 30 70-0002 | SF | Up To 1" Thick Cementitious Coating On Pipe, Troweled On | 8.67 |
| 33 01 30 70-0003 | SF | >1" To 2" Thick Cementitious Coating On Pipe, Troweled On | 13.16 |

## 33 01 30 71 Relining Sewer Utilities Pipelines *(33 01 30)*

33 01 30 71-0001 Relining Underground Pipelines *(33 01 30 71)*

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV Inspection, 33 01 30 41-0002 for sewer cleaning.

## 33 01 30 72 Cured-in-Place Pipe Lining *(33 01 30)*

33 01 30 72-0001 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines *(33 01 30 72)*

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0002 | | Cured In-Place Pipe (CIPP) Lining Set-Up And Reinsertion *(33 01 30 72-0001)* | | |
| 33 01 30 72-0003 | EA | Initial Set Up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP) | 1,370.73 | |
| 33 01 30 72-0004 | EA | Initial Set Up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP) | 2,284.56 | |
| 33 01 30 72-0005 | EA | Initial Set Up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP) | 3,426.83 | |
| 33 01 30 72-0006 | EA | Initial Set Up And Final Equipment Removal For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP) | 4,569.12 | |
| 33 01 30 72-0007 | EA | Move And Reset Up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP) | 685.37 | |
| 33 01 30 72-0008 | EA | Move And Reset Up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP) | 1,142.27 | |
| 33 01 30 72-0009 | EA | Move And Reset Up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP) | 1,427.85 | |
| 33 01 30 72-0010 | EA | Move And Reset Up At Different Access/Location For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP) | 1,827.65 | |
| 33 01 30 72-0011 | EA | Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)<br>Note: Need to mix wet material in bag prior to installation. | 1,142.27 | |
| 33 01 30 72-0012 | EA | Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP)<br>Note: Need to mix wet material in bag prior to installation. | 2,741.47 | |
| 33 01 30 72-0013 | EA | Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP)<br>Note: Need to mix wet material in bag prior to installation. | 4,569.12 | |
| 33 01 30 72-0014 | EA | Mixing Truck And Refrigeration For Relining >48" Underground Pipelines Cured In-Place Pipe (CIPP)<br>Note: Need to mix wet material in bag prior to installation. | 6,853.68 | |
| 33 01 30 72-0015 | | Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP) *(33 01 30 72-0001)*<br>Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting. Use round equivalent pipe sizes for elliptical, oval or arched pipe. | | |
| 33 01 30 72-0016 | | 4.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)* | | |
| 33 01 30 72-0017 | LF | 4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 18.39 | |
| | | *For Vinlyester Resin, Add* | *4.47* | |
| | | *For Epoxy Resin, Add* | *0.53* | |
| | | *For Up To >10, Add* | *39.20* | |
| | | *For >10 To 25, Add* | *31.60* | |
| | | *For >25 To 50, Add* | *19.28* | |
| | | *For >50 To 100, Add* | *9.64* | |
| | | *For >500 To 1,000, Deduct* | *-1.22* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.98* | |
| | | *For >2,000 To 5,000, Deduct* | *-3.77* | |
| | | *For >5,000, Deduct* | *-6.08* | |
| 33 01 30 72-0018 | LF | 4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 21.90 | |
| | | *For Vinlyester Resin, Add* | *6.93* | |
| | | *For Epoxy Resin, Add* | *0.82* | |
| | | *For Up To >10, Add* | *40.95* | |
| | | *For >10 To 25, Add* | *32.48* | |
| | | *For >25 To 50, Add* | *19.98* | |
| | | *For >50 To 100, Add* | *9.99* | |
| | | *For >500 To 1,000, Deduct* | *-1.40* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.24* | |
| | | *For >2,000 To 5,000, Deduct* | *-4.19* | |
| | | *For >5,000, Deduct* | *-6.78* | |
| 33 01 30 72-0019 | LF | 4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 25.40 | |
| | | *For Vinlyester Resin, Add* | *9.38* | |
| | | *For Epoxy Resin, Add* | *1.11* | |
| | | *For Up To >10, Add* | *42.70* | |
| | | *For >10 To 25, Add* | *33.35* | |
| | | *For >25 To 50, Add* | *20.68* | |
| | | *For >50 To 100, Add* | *10.34* | |
| | | *For >500 To 1,000, Deduct* | *-1.57* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.51* | |
| | | *For >2,000 To 5,000, Deduct* | *-4.61* | |
| | | *For >5,000, Deduct* | *-7.48* | |
| 33 01 30 72-0020 | LF | 4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 33.56 | |
| | | *For Vinlyester Resin, Add* | *14.29* | |
| | | *For Epoxy Resin, Add* | *1.68* | |
| | | *For Up To >10, Add* | *49.63* | |
| | | *For >10 To 25, Add* | *37.96* | |
| | | *For >25 To 50, Add* | *23.79* | |
| | | *For >50 To 100, Add* | *11.90* | |
| | | *For >500 To 1,000, Deduct* | *-2.01* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.17* | |
| | | *For >2,000 To 5,000, Deduct* | *-5.74* | |
| | | *For >5,000, Deduct* | *-9.34* | |
| 33 01 30 72-0021 | LF | 4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 41.71 | |
| | | *For Vinlyester Resin, Add* | *19.20* | |
| | | *For Epoxy Resin, Add* | *2.26* | |
| | | *For Up To >10, Add* | *56.56* | |
| | | *For >10 To 25, Add* | *42.56* | |
| | | *For >25 To 50, Add* | *26.91* | |
| | | *For >50 To 100, Add* | *13.45* | |
| | | *For >500 To 1,000, Deduct* | *-2.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.84* | |
| | | *For >2,000 To 5,000, Deduct* | *-6.86* | |
| | | *For >5,000, Deduct* | *-11.20* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 33 01 30 72-0022 6mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0023 | LF | 6mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 24.92 | |
| | | *For Vinlyester Resin, Add* | *9.04* | |
| | | *For Epoxy Resin, Add* | *1.07* | |
| | | *For Up To >10, Add* | *42.46* | |
| | | *For >10 To 25, Add* | *33.23* | |
| | | *For >25 To 50, Add* | *20.58* | |
| | | *For >50 To 100, Add* | *10.29* | |
| | | *For >500 To 1,000, Deduct* | *-1.55* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.47* | |
| | | *For >2,000 To 5,000, Deduct* | *-4.55* | |
| | | *For >5,000, Deduct* | *-7.38* | |
| 33 01 30 72-0024 | LF | 6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 29.60 | |
| | | *For Vinlyester Resin, Add* | *12.32* | |
| | | *For Epoxy Resin, Add* | *1.45* | |
| | | *For Up To >10, Add* | *44.80* | |
| | | *For >10 To 25, Add* | *34.40* | |
| | | *For >25 To 50, Add* | *21.52* | |
| | | *For >50 To 100, Add* | *10.76* | |
| | | *For >500 To 1,000, Deduct* | *-1.78* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.82* | |
| | | *For >2,000 To 5,000, Deduct* | *-5.11* | |
| | | *For >5,000, Deduct* | *-8.32* | |
| 33 01 30 72-0025 | LF | 6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 40.09 | |
| | | *For Vinlyester Resin, Add* | *18.87* | |
| | | *For Epoxy Resin, Add* | *2.22* | |
| | | *For Up To >10, Add* | *52.90* | |
| | | *For >10 To 25, Add* | *39.59* | |
| | | *For >25 To 50, Add* | *25.10* | |
| | | *For >50 To 100, Add* | *12.55* | |
| | | *For >500 To 1,000, Deduct* | *-2.33* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.66* | |
| | | *For >2,000 To 5,000, Deduct* | *-6.52* | |
| | | *For >5,000, Deduct* | *-10.65* | |
| 33 01 30 72-0026 | LF | 6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 50.58 | |
| | | *For Vinlyester Resin, Add* | *25.41* | |
| | | *For Epoxy Resin, Add* | *2.99* | |
| | | *For Up To >10, Add* | *60.99* | |
| | | *For >10 To 25, Add* | *44.78* | |
| | | *For >25 To 50, Add* | *28.68* | |
| | | *For >50 To 100, Add* | *14.34* | |
| | | *For >500 To 1,000, Deduct* | *-2.89* | |
| | | *For >1,000 To 2,000, Deduct* | *-4.51* | |
| | | *For >2,000 To 5,000, Deduct* | *-7.93* | |
| | | *For >5,000, Deduct* | *-12.97* | |
| 33 01 30 72-0027 | LF | 6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 61.19 | |
| | | *For Vinlyester Resin, Add* | *31.96* | |
| | | *For Epoxy Resin, Add* | *3.77* | |
| | | *For Up To >10, Add* | *69.45* | |
| | | *For >10 To 25, Add* | *50.26* | |
| | | *For >25 To 50, Add* | *32.44* | |
| | | *For >50 To 100, Add* | *16.22* | |
| | | *For >500 To 1,000, Deduct* | *-3.45* | |
| | | *For >1,000 To 2,000, Deduct* | *-5.37* | |
| | | *For >2,000 To 5,000, Deduct* | *-9.36* | |
| | | *For >5,000, Deduct* | *-15.35* | |
| 33 01 30 72-0028 | LF | 6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 72.13 | |
| | | *For Vinlyester Resin, Add* | *38.50* | |
| | | *For Epoxy Resin, Add* | *4.54* | |
| | | *For Up To >10, Add* | *78.89* | |
| | | *For >10 To 25, Add* | *56.58* | |
| | | *For >25 To 50, Add* | *36.70* | |
| | | *For >50 To 100, Add* | *18.35* | |
| | | *For >500 To 1,000, Deduct* | *-4.03* | |
| | | *For >1,000 To 2,000, Deduct* | *-6.27* | |
| | | *For >2,000 To 5,000, Deduct* | *-10.88* | |
| | | *For >5,000, Deduct* | *-17.85* | |

## 33 01 30 72-0029 7.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0030 | LF | 7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 33.65 | |
| | | *For Vinlyester Resin, Add* | *15.16* | |
| | | *For Epoxy Resin, Add* | *1.79* | |
| | | *For Up To >10, Add* | *46.83* | |
| | | *For >10 To 25, Add* | *35.41* | |
| | | *For >25 To 50, Add* | *22.33* | |
| | | *For >50 To 100, Add* | *11.17* | |
| | | *For >500 To 1,000, Deduct* | *-1.98* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.12* | |
| | | *For >2,000 To 5,000, Deduct* | *-5.60* | |
| | | *For >5,000, Deduct* | *-9.13* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0031 | LF | 7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 46.48 | |
| | | *For Vinlyester Resin, Add* | *23.34* | |
| | | *For Epoxy Resin, Add* | *2.75* | |
| | | *For Up To >10, Add* | *56.09* | |
| | | *For >10 To 25, Add* | *41.19* | |
| | | *For >25 To 50, Add* | *26.38* | |
| | | *For >50 To 100, Add* | *13.19* | |
| | | *For >500 To 1,000, Deduct* | *-2.65* | |
| | | *For >1,000 To 2,000, Deduct* | *-4.14* | |
| | | *For >2,000 To 5,000, Deduct* | *-7.29* | |
| | | *For >5,000, Deduct* | *-11.92* | |
| 33 01 30 72-0032 | LF | 7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 59.31 | |
| | | *For Vinlyester Resin, Add* | *31.52* | |
| | | *For Epoxy Resin, Add* | *3.71* | |
| | | *For Up To >10, Add* | *65.36* | |
| | | *For >10 To 25, Add* | *46.96* | |
| | | *For >25 To 50, Add* | *30.43* | |
| | | *For >50 To 100, Add* | *15.21* | |
| | | *For >500 To 1,000, Deduct* | *-3.32* | |
| | | *For >1,000 To 2,000, Deduct* | *-5.16* | |
| | | *For >2,000 To 5,000, Deduct* | *-8.97* | |
| | | *For >5,000, Deduct* | *-14.72* | |
| 33 01 30 72-0033 | LF | 7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 72.26 | |
| | | *For Vinlyester Resin, Add* | *39.70* | |
| | | *For Epoxy Resin, Add* | *4.68* | |
| | | *For Up To >10, Add* | *74.98* | |
| | | *For >10 To 25, Add* | *53.03* | |
| | | *For >25 To 50, Add* | *34.65* | |
| | | *For >50 To 100, Add* | *17.33* | |
| | | *For >500 To 1,000, Deduct* | *-4.00* | |
| | | *For >1,000 To 2,000, Deduct* | *-6.20* | |
| | | *For >2,000 To 5,000, Deduct* | *-10.69* | |
| | | *For >5,000, Deduct* | *-17.56* | |
| 33 01 30 72-0034 | LF | 7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 85.53 | |
| | | *For Vinlyester Resin, Add* | *47.88* | |
| | | *For Epoxy Resin, Add* | *5.64* | |
| | | *For Up To >10, Add* | *85.59* | |
| | | *For >10 To 25, Add* | *59.93* | |
| | | *For >25 To 50, Add* | *39.38* | |
| | | *For >50 To 100, Add* | *19.69* | |
| | | *For >500 To 1,000, Deduct* | *-4.70* | |
| | | *For >1,000 To 2,000, Deduct* | *-7.27* | |
| | | *For >2,000 To 5,000, Deduct* | *-12.49* | |
| | | *For >5,000, Deduct* | *-20.53* | |
| 33 01 30 72-0035 | LF | 7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 105.35 | |
| | | *For Vinlyester Resin, Add* | *60.16* | |
| | | *For Epoxy Resin, Add* | *7.09* | |
| | | *For Up To >10, Add* | *101.20* | |
| | | *For >10 To 25, Add* | *70.01* | |
| | | *For >25 To 50, Add* | *46.30* | |
| | | *For >50 To 100, Add* | *23.15* | |
| | | *For >500 To 1,000, Deduct* | *-5.75* | |
| | | *For >1,000 To 2,000, Deduct* | *-8.87* | |
| | | *For >2,000 To 5,000, Deduct* | *-15.17* | |
| | | *For >5,000, Deduct* | *-24.95* | |
| 33 01 30 72-0036 | LF | 7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 125.40 | |
| | | *For Vinlyester Resin, Add* | *72.43* | |
| | | *For Epoxy Resin, Add* | *8.54* | |
| | | *For Up To >10, Add* | *117.53* | |
| | | *For >10 To 25, Add* | *80.69* | |
| | | *For >25 To 50, Add* | *53.59* | |
| | | *For >50 To 100, Add* | *26.79* | |
| | | *For >500 To 1,000, Deduct* | *-6.82* | |
| | | *For >1,000 To 2,000, Deduct* | *-10.50* | |
| | | *For >2,000 To 5,000, Deduct* | *-17.90* | |
| | | *For >5,000, Deduct* | *-29.47* | |

## 33 01 30 72-0037 9mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0038 | LF | 9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 52.73 | |
| | | *For Vinlyester Resin, Add* | *27.71* | |
| | | *For Epoxy Resin, Add* | *3.27* | |
| | | *For Up To >10, Add* | *59.22* | |
| | | *For >10 To 25, Add* | *42.75* | |
| | | *For >25 To 50, Add* | *27.63* | |
| | | *For >50 To 100, Add* | *13.81* | |
| | | *For >500 To 1,000, Deduct* | *-2.97* | |
| | | *For >1,000 To 2,000, Deduct* | *-4.61* | |
| | | *For >2,000 To 5,000, Deduct* | *-8.04* | |
| | | *For >5,000, Deduct* | *-13.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0039 | LF | 9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 67.90 | |
| | | *For Vinlyester Resin, Add* | *37.53* | |
| | | *For Epoxy Resin, Add* | *4.42* | |
| | | *For Up To >10, Add* | *69.65* | |
| | | *For >10 To 25, Add* | *49.11* | |
| | | *For >25 To 50, Add* | *32.14* | |
| | | *For >50 To 100, Add* | *16.07* | |
| | | *For >500 To 1,000, Deduct* | *-3.75* | |
| | | *For >1,000 To 2,000, Deduct* | *-5.81* | |
| | | *For >2,000 To 5,000, Deduct* | *-10.00* | |
| | | *For >5,000, Deduct* | *-16.44* | |
| 33 01 30 72-0040 | LF | 9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 83.19 | |
| | | *For Vinlyester Resin, Add* | *47.36* | |
| | | *For Epoxy Resin, Add* | *5.58* | |
| | | *For Up To >10, Add* | *80.45* | |
| | | *For >10 To 25, Add* | *55.76* | |
| | | *For >25 To 50, Add* | *36.84* | |
| | | *For >50 To 100, Add* | *18.42* | |
| | | *For >500 To 1,000, Deduct* | *-4.55* | |
| | | *For >1,000 To 2,000, Deduct* | *-7.02* | |
| | | *For >2,000 To 5,000, Deduct* | *-12.00* | |
| | | *For >5,000, Deduct* | *-19.75* | |
| 33 01 30 72-0041 | LF | 9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 98.80 | |
| | | *For Vinlyester Resin, Add* | *57.17* | |
| | | *For Epoxy Resin, Add* | *6.74* | |
| | | *For Up To >10, Add* | *92.23* | |
| | | *For >10 To 25, Add* | *63.24* | |
| | | *For >25 To 50, Add* | *42.03* | |
| | | *For >50 To 100, Add* | *21.01* | |
| | | *For >500 To 1,000, Deduct* | *-5.37* | |
| | | *For >1,000 To 2,000, Deduct* | *-8.27* | |
| | | *For >2,000 To 5,000, Deduct* | *-14.08* | |
| | | *For >5,000, Deduct* | *-23.19* | |
| 33 01 30 72-0042 | LF | 9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 122.12 | |
| | | *For Vinlyester Resin, Add* | *71.90* | |
| | | *For Epoxy Resin, Add* | *8.47* | |
| | | *For Up To >10, Add* | *109.59* | |
| | | *For >10 To 25, Add* | *74.20* | |
| | | *For >25 To 50, Add* | *49.66* | |
| | | *For >50 To 100, Add* | *24.83* | |
| | | *For >500 To 1,000, Deduct* | *-6.59* | |
| | | *For >1,000 To 2,000, Deduct* | *-10.13* | |
| | | *For >2,000 To 5,000, Deduct* | *-17.18* | |
| | | *For >5,000, Deduct* | *-28.31* | |
| 33 01 30 72-0043 | LF | 9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 145.68 | |
| | | *For Vinlyester Resin, Add* | *86.63* | |
| | | *For Epoxy Resin, Add* | *10.21* | |
| | | *For Up To >10, Add* | *127.67* | |
| | | *For >10 To 25, Add* | *85.76* | |
| | | *For >25 To 50, Add* | *57.65* | |
| | | *For >50 To 100, Add* | *28.82* | |
| | | *For >500 To 1,000, Deduct* | *-7.83* | |
| | | *For >1,000 To 2,000, Deduct* | *-12.02* | |
| | | *For >2,000 To 5,000, Deduct* | *-20.33* | |
| | | *For >5,000, Deduct* | *-33.52* | |
| 33 01 30 72-0044 | LF | 9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 168.54 | |
| | | *For Vinlyester Resin, Add* | *101.35* | |
| | | *For Epoxy Resin, Add* | *11.94* | |
| | | *For Up To >10, Add* | *143.67* | |
| | | *For >10 To 25, Add* | *95.60* | |
| | | *For >25 To 50, Add* | *64.60* | |
| | | *For >50 To 100, Add* | *32.30* | |
| | | *For >500 To 1,000, Deduct* | *-9.02* | |
| | | *For >1,000 To 2,000, Deduct* | *-13.83* | |
| | | *For >2,000 To 5,000, Deduct* | *-23.31* | |
| | | *For >5,000, Deduct* | *-38.46* | |
| 33 01 30 72-0045 | LF | 9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 191.75 | |
| | | *For Vinlyester Resin, Add* | *116.07* | |
| | | *For Epoxy Resin, Add* | *13.68* | |
| | | *For Up To >10, Add* | *160.70* | |
| | | *For >10 To 25, Add* | *106.28* | |
| | | *For >25 To 50, Add* | *72.06* | |
| | | *For >50 To 100, Add* | *36.03* | |
| | | *For >500 To 1,000, Deduct* | *-10.24* | |
| | | *For >1,000 To 2,000, Deduct* | *-15.68* | |
| | | *For >2,000 To 5,000, Deduct* | *-26.38* | |
| | | *For >5,000, Deduct* | *-43.54* | |

33 01 30 72-0046 10.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0047 | LF | 10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 138.75 | |
| | | *For Vinlyester Resin, Add* | *83.54* | |
| | | *For Epoxy Resin, Add* | *9.85* | |
| | | *For Up To >10, Add* | *117.90* | |
| | | *For >10 To 25, Add* | *78.36* | |
| | | *For >25 To 50, Add* | *52.98* | |
| | | *For >50 To 100, Add* | *26.49* | |
| | | *For >500 To 1,000, Deduct* | *-7.42* | |
| | | *For >1,000 To 2,000, Deduct* | *-11.38* | |
| | | *For >2,000 To 5,000, Deduct* | *-19.17* | |
| | | *For >5,000, Deduct* | *-31.63* | |
| 33 01 30 72-0048 | LF | 10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 165.82 | |
| | | *For Vinlyester Resin, Add* | *100.72* | |
| | | *For Epoxy Resin, Add* | *11.87* | |
| | | *For Up To >10, Add* | *137.74* | |
| | | *For >10 To 25, Add* | *90.80* | |
| | | *For >25 To 50, Add* | *61.67* | |
| | | *For >50 To 100, Add* | *30.84* | |
| | | *For >500 To 1,000, Deduct* | *-8.84* | |
| | | *For >1,000 To 2,000, Deduct* | *-13.53* | |
| | | *For >2,000 To 5,000, Deduct* | *-22.75* | |
| | | *For >5,000, Deduct* | *-37.55* | |
| 33 01 30 72-0049 | LF | 10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 192.19 | |
| | | *For Vinlyester Resin, Add* | *117.90* | |
| | | *For Epoxy Resin, Add* | *13.90* | |
| | | *For Up To >10, Add* | *155.50* | |
| | | *For >10 To 25, Add* | *101.51* | |
| | | *For >25 To 50, Add* | *69.33* | |
| | | *For >50 To 100, Add* | *34.66* | |
| | | *For >500 To 1,000, Deduct* | *-10.20* | |
| | | *For >1,000 To 2,000, Deduct* | *-15.60* | |
| | | *For >2,000 To 5,000, Deduct* | *-26.15* | |
| | | *For >5,000, Deduct* | *-43.19* | |
| 33 01 30 72-0050 | LF | 10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 218.91 | |
| | | *For Vinlyester Resin, Add* | *135.09* | |
| | | *For Epoxy Resin, Add* | *15.92* | |
| | | *For Up To >10, Add* | *174.28* | |
| | | *For >10 To 25, Add* | *113.07* | |
| | | *For >25 To 50, Add* | *77.49* | |
| | | *For >50 To 100, Add* | *38.75* | |
| | | *For >500 To 1,000, Deduct* | *-11.59* | |
| | | *For >1,000 To 2,000, Deduct* | *-17.71* | |
| | | *For >2,000 To 5,000, Deduct* | *-29.64* | |
| | | *For >5,000, Deduct* | *-48.97* | |
| 33 01 30 72-0051 | LF | 10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 246.08 | |
| | | *For Vinlyester Resin, Add* | *152.26* | |
| | | *For Epoxy Resin, Add* | *17.95* | |
| | | *For Up To >10, Add* | *194.44* | |
| | | *For >10 To 25, Add* | *125.78* | |
| | | *For >25 To 50, Add* | *86.34* | |
| | | *For >50 To 100, Add* | *43.17* | |
| | | *For >500 To 1,000, Deduct* | *-13.02* | |
| | | *For >1,000 To 2,000, Deduct* | *-19.88* | |
| | | *For >2,000 To 5,000, Deduct* | *-33.24* | |
| | | *For >5,000, Deduct* | *-54.93* | |
| 33 01 30 72-0052 | LF | 10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 273.83 | |
| | | *For Vinlyester Resin, Add* | *169.45* | |
| | | *For Epoxy Resin, Add* | *19.97* | |
| | | *For Up To >10, Add* | *216.32* | |
| | | *For >10 To 25, Add* | *139.92* | |
| | | *For >25 To 50, Add* | *96.05* | |
| | | *For >50 To 100, Add* | *48.03* | |
| | | *For >500 To 1,000, Deduct* | *-14.49* | |
| | | *For >1,000 To 2,000, Deduct* | *-22.13* | |
| | | *For >2,000 To 5,000, Deduct* | *-36.99* | |
| | | *For >5,000, Deduct* | *-61.12* | |
| 33 01 30 72-0053 | LF | 10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 326.91 | |
| | | *For Vinlyester Resin, Add* | *203.81* | |
| | | *For Epoxy Resin, Add* | *24.02* | |
| | | *For Up To >10, Add* | *252.83* | |
| | | *For >10 To 25, Add* | *162.17* | |
| | | *For >25 To 50, Add* | *111.86* | |
| | | *For >50 To 100, Add* | *55.93* | |
| | | *For >500 To 1,000, Deduct* | *-17.24* | |
| | | *For >1,000 To 2,000, Deduct* | *-26.31* | |
| | | *For >2,000 To 5,000, Deduct* | *-43.88* | |
| | | *For >5,000, Deduct* | *-72.53* | |

33 01 30 72-0054 12mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0055 | LF | 12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 155.25 | |
| | | *For Vinlyester Resin, Add* | *95.09* | |
| | | *For Epoxy Resin, Add* | *11.21* | |
| | | *For Up To >10, Add* | *126.15* | |
| | | *For >10 To 25, Add* | *82.49* | |
| | | *For >25 To 50, Add* | *56.28* | |
| | | *For >50 To 100, Add* | *28.14* | |
| | | *For >500 To 1,000, Deduct* | *-8.25* | |
| | | *For >1,000 To 2,000, Deduct* | *-12.61* | |
| | | *For >2,000 To 5,000, Deduct* | *-21.15* | |
| | | *For >5,000, Deduct* | *-34.93* | |
| 33 01 30 72-0056 | LF | 12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 185.82 | |
| | | *For Vinlyester Resin, Add* | *114.72* | |
| | | *For Epoxy Resin, Add* | *13.52* | |
| | | *For Up To >10, Add* | *147.74* | |
| | | *For >10 To 25, Add* | *95.80* | |
| | | *For >25 To 50, Add* | *65.67* | |
| | | *For >50 To 100, Add* | *32.84* | |
| | | *For >500 To 1,000, Deduct* | *-9.84* | |
| | | *For >1,000 To 2,000, Deduct* | *-15.03* | |
| | | *For >2,000 To 5,000, Deduct* | *-25.15* | |
| | | *For >5,000, Deduct* | *-41.55* | |
| 33 01 30 72-0057 | LF | 12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 215.70 | |
| | | *For Vinlyester Resin, Add* | *134.36* | |
| | | *For Epoxy Resin, Add* | *15.84* | |
| | | *For Up To >10, Add* | *167.25* | |
| | | *For >10 To 25, Add* | *107.39* | |
| | | *For >25 To 50, Add* | *74.03* | |
| | | *For >50 To 100, Add* | *37.01* | |
| | | *For >500 To 1,000, Deduct* | *-11.38* | |
| | | *For >1,000 To 2,000, Deduct* | *-17.37* | |
| | | *For >2,000 To 5,000, Deduct* | *-28.97* | |
| | | *For >5,000, Deduct* | *-47.89* | |
| 33 01 30 72-0058 | LF | 12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 245.92 | |
| | | *For Vinlyester Resin, Add* | *153.99* | |
| | | *For Epoxy Resin, Add* | *18.15* | |
| | | *For Up To >10, Add* | *187.79* | |
| | | *For >10 To 25, Add* | *119.82* | |
| | | *For >25 To 50, Add* | *82.89* | |
| | | *For >50 To 100, Add* | *41.45* | |
| | | *For >500 To 1,000, Deduct* | *-12.94* | |
| | | *For >1,000 To 2,000, Deduct* | *-19.74* | |
| | | *For >2,000 To 5,000, Deduct* | *-32.88* | |
| | | *For >5,000, Deduct* | *-54.37* | |
| 33 01 30 72-0059 | LF | 12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 276.60 | |
| | | *For Vinlyester Resin, Add* | *173.63* | |
| | | *For Epoxy Resin, Add* | *20.46* | |
| | | *For Up To >10, Add* | *209.70* | |
| | | *For >10 To 25, Add* | *133.41* | |
| | | *For >25 To 50, Add* | *92.45* | |
| | | *For >50 To 100, Add* | *46.22* | |
| | | *For >500 To 1,000, Deduct* | *-14.54* | |
| | | *For >1,000 To 2,000, Deduct* | *-22.17* | |
| | | *For >2,000 To 5,000, Deduct* | *-36.90* | |
| | | *For >5,000, Deduct* | *-61.03* | |
| 33 01 30 72-0060 | LF | 12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 307.85 | |
| | | *For Vinlyester Resin, Add* | *193.26* | |
| | | *For Epoxy Resin, Add* | *22.78* | |
| | | *For Up To >10, Add* | *233.33* | |
| | | *For >10 To 25, Add* | *148.42* | |
| | | *For >25 To 50, Add* | *102.86* | |
| | | *For >50 To 100, Add* | *51.43* | |
| | | *For >500 To 1,000, Deduct* | *-16.19* | |
| | | *For >1,000 To 2,000, Deduct* | *-24.68* | |
| | | *For >2,000 To 5,000, Deduct* | *-41.07* | |
| | | *For >5,000, Deduct* | *-67.92* | |
| 33 01 30 72-0061 | LF | 12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 367.95 | |
| | | *For Vinlyester Resin, Add* | *232.54* | |
| | | *For Epoxy Resin, Add* | *27.41* | |
| | | *For Up To >10, Add* | *273.35* | |
| | | *For >10 To 25, Add* | *172.43* | |
| | | *For >25 To 50, Add* | *120.07* | |
| | | *For >50 To 100, Add* | *60.03* | |
| | | *For >500 To 1,000, Deduct* | *-19.29* | |
| | | *For >1,000 To 2,000, Deduct* | *-29.38* | |
| | | *For >2,000 To 5,000, Deduct* | *-48.80* | |
| | | *For >5,000, Deduct* | *-80.74* | |
| 33 01 30 72-0062 | LF | 12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 429.08 | |
| | | *For Vinlyester Resin, Add* | *271.81* | |
| | | *For Epoxy Resin, Add* | *32.03* | |
| | | *For Up To >10, Add* | *316.49* | |
| | | *For >10 To 25, Add* | *199.03* | |
| | | *For >25 To 50, Add* | *138.83* | |
| | | *For >50 To 100, Add* | *69.42* | |
| | | *For >500 To 1,000, Deduct* | *-22.47* | |
| | | *For >1,000 To 2,000, Deduct* | *-34.22* | |
| | | *For >2,000 To 5,000, Deduct* | *-56.79* | |
| | | *For >5,000, Deduct* | *-93.97* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0063 | LF | 12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 492.03 | |
| | | *For Vinlyester Resin, Add* | *311.08* | |
| | | *For Epoxy Resin, Add* | *36.66* | |
| | | *For Up To >10, Add* | *365.09* | |
| | | *For >10 To 25, Add* | *230.18* | |
| | | *For >25 To 50, Add* | *160.33* | |
| | | *For >50 To 100, Add* | *80.16* | |
| | | *For >500 To 1,000, Deduct* | *-25.79* | |
| | | *For >1,000 To 2,000, Deduct* | *-39.28* | |
| | | *For >2,000 To 5,000, Deduct* | *-65.24* | |
| | | *For >5,000, Deduct* | *-107.93* | |

## 33 01 30 72-0064 13.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0065 | LF | 13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 171.61 | |
| | | *For Vinlyester Resin, Add* | *106.54* | |
| | | *For Epoxy Resin, Add* | *12.56* | |
| | | *For Up To >10, Add* | *134.33* | |
| | | *For >10 To 25, Add* | *86.58* | |
| | | *For >25 To 50, Add* | *59.56* | |
| | | *For >50 To 100, Add* | *29.78* | |
| | | *For >500 To 1,000, Deduct* | *-9.07* | |
| | | *For >1,000 To 2,000, Deduct* | *-13.84* | |
| | | *For >2,000 To 5,000, Deduct* | *-23.12* | |
| | | *For >5,000, Deduct* | *-38.20* | |
| 33 01 30 72-0066 | LF | 13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 205.69 | |
| | | *For Vinlyester Resin, Add* | *128.63* | |
| | | *For Epoxy Resin, Add* | *15.16* | |
| | | *For Up To >10, Add* | *157.67* | |
| | | *For >10 To 25, Add* | *100.77* | |
| | | *For >25 To 50, Add* | *69.65* | |
| | | *For >50 To 100, Add* | *34.82* | |
| | | *For >500 To 1,000, Deduct* | *-10.83* | |
| | | *For >1,000 To 2,000, Deduct* | *-16.52* | |
| | | *For >2,000 To 5,000, Deduct* | *-27.53* | |
| | | *For >5,000, Deduct* | *-45.52* | |
| 33 01 30 72-0067 | LF | 13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 239.08 | |
| | | *For Vinlyester Resin, Add* | *150.72* | |
| | | *For Epoxy Resin, Add* | *17.76* | |
| | | *For Up To >10, Add* | *178.94* | |
| | | *For >10 To 25, Add* | *113.23* | |
| | | *For >25 To 50, Add* | *78.70* | |
| | | *For >50 To 100, Add* | *39.35* | |
| | | *For >500 To 1,000, Deduct* | *-12.55* | |
| | | *For >1,000 To 2,000, Deduct* | *-19.12* | |
| | | *For >2,000 To 5,000, Deduct* | *-31.78* | |
| | | *For >5,000, Deduct* | *-52.57* | |
| 33 01 30 72-0068 | LF | 13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 272.80 | |
| | | *For Vinlyester Resin, Add* | *172.81* | |
| | | *For Epoxy Resin, Add* | *20.37* | |
| | | *For Up To >10, Add* | *201.23* | |
| | | *For >10 To 25, Add* | *126.54* | |
| | | *For >25 To 50, Add* | *88.27* | |
| | | *For >50 To 100, Add* | *44.13* | |
| | | *For >500 To 1,000, Deduct* | *-14.29* | |
| | | *For >1,000 To 2,000, Deduct* | *-21.76* | |
| | | *For >2,000 To 5,000, Deduct* | *-36.11* | |
| | | *For >5,000, Deduct* | *-59.75* | |
| 33 01 30 72-0069 | LF | 13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 306.99 | |
| | | *For Vinlyester Resin, Add* | *194.90* | |
| | | *For Epoxy Resin, Add* | *22.97* | |
| | | *For Up To >10, Add* | *224.90* | |
| | | *For >10 To 25, Add* | *141.01* | |
| | | *For >25 To 50, Add* | *98.53* | |
| | | *For >50 To 100, Add* | *49.26* | |
| | | *For >500 To 1,000, Deduct* | *-16.06* | |
| | | *For >1,000 To 2,000, Deduct* | *-24.45* | |
| | | *For >2,000 To 5,000, Deduct* | *-40.55* | |
| | | *For >5,000, Deduct* | *-67.11* | |
| 33 01 30 72-0070 | LF | 13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 341.75 | |
| | | *For Vinlyester Resin, Add* | *216.99* | |
| | | *For Epoxy Resin, Add* | *25.57* | |
| | | *For Up To >10, Add* | *250.28* | |
| | | *For >10 To 25, Add* | *156.90* | |
| | | *For >25 To 50, Add* | *109.64* | |
| | | *For >50 To 100, Add* | *54.82* | |
| | | *For >500 To 1,000, Deduct* | *-17.88* | |
| | | *For >1,000 To 2,000, Deduct* | *-27.22* | |
| | | *For >2,000 To 5,000, Deduct* | *-45.14* | |
| | | *For >5,000, Deduct* | *-74.70* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0071 | LF | 13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 408.85 | |
| | | *For Vinlyester Resin, Add* | *261.17* | |
| | | *For Epoxy Resin, Add* | *30.78* | |
| | | *For Up To >10, Add* | *293.80* | |
| | | *For >10 To 25, Add* | *182.65* | |
| | | *For >25 To 50, Add* | *128.25* | |
| | | *For >50 To 100, Add* | *64.12* | |
| | | *For >500 To 1,000, Deduct* | *-21.34* | |
| | | *For >1,000 To 2,000, Deduct* | *-32.45* | |
| | | *For >2,000 To 5,000, Deduct* | *-53.71* | |
| | | *For >5,000, Deduct* | *-88.92* | |
| 33 01 30 72-0072 | LF | 13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 477.00 | |
| | | *For Vinlyester Resin, Add* | *305.35* | |
| | | *For Epoxy Resin, Add* | *35.99* | |
| | | *For Up To >10, Add* | *340.45* | |
| | | *For >10 To 25, Add* | *211.01* | |
| | | *For >25 To 50, Add* | *148.41* | |
| | | *For >50 To 100, Add* | *74.21* | |
| | | *For >500 To 1,000, Deduct* | *-24.87* | |
| | | *For >1,000 To 2,000, Deduct* | *-37.81* | |
| | | *For >2,000 To 5,000, Deduct* | *-62.54* | |
| | | *For >5,000, Deduct* | *-103.56* | |
| 33 01 30 72-0073 | LF | 13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 546.96 | |
| | | *For Vinlyester Resin, Add* | *349.53* | |
| | | *For Epoxy Resin, Add* | *41.19* | |
| | | *For Up To >10, Add* | *392.56* | |
| | | *For >10 To 25, Add* | *243.91* | |
| | | *For >25 To 50, Add* | *171.31* | |
| | | *For >50 To 100, Add* | *85.66* | |
| | | *For >500 To 1,000, Deduct* | *-28.54* | |
| | | *For >1,000 To 2,000, Deduct* | *-43.40* | |
| | | *For >2,000 To 5,000, Deduct* | *-71.83* | |
| | | *For >5,000, Deduct* | *-118.92* | |

## 33 01 30 72-0074 15mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0075 | LF | 15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 187.83 | |
| | | *For Vinlyester Resin, Add* | *117.89* | |
| | | *For Epoxy Resin, Add* | *13.89* | |
| | | *For Up To >10, Add* | *142.44* | |
| | | *For >10 To 25, Add* | *90.63* | |
| | | *For >25 To 50, Add* | *62.80* | |
| | | *For >50 To 100, Add* | *31.40* | |
| | | *For >500 To 1,000, Deduct* | *-9.88* | |
| | | *For >1,000 To 2,000, Deduct* | *-15.06* | |
| | | *For >2,000 To 5,000, Deduct* | *-25.06* | |
| | | *For >5,000, Deduct* | *-41.45* | |
| 33 01 30 72-0076 | LF | 15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 225.41 | |
| | | *For Vinlyester Resin, Add* | *142.44* | |
| | | *For Epoxy Resin, Add* | *16.79* | |
| | | *For Up To >10, Add* | *167.53* | |
| | | *For >10 To 25, Add* | *105.70* | |
| | | *For >25 To 50, Add* | *73.59* | |
| | | *For >50 To 100, Add* | *36.80* | |
| | | *For >500 To 1,000, Deduct* | *-11.82* | |
| | | *For >1,000 To 2,000, Deduct* | *-18.00* | |
| | | *For >2,000 To 5,000, Deduct* | *-29.90* | |
| | | *For >5,000, Deduct* | *-49.47* | |
| 33 01 30 72-0077 | LF | 15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 262.31 | |
| | | *For Vinlyester Resin, Add* | *166.99* | |
| | | *For Epoxy Resin, Add* | *19.68* | |
| | | *For Up To >10, Add* | *190.56* | |
| | | *For >10 To 25, Add* | *119.04* | |
| | | *For >25 To 50, Add* | *83.35* | |
| | | *For >50 To 100, Add* | *41.68* | |
| | | *For >500 To 1,000, Deduct* | *-13.71* | |
| | | *For >1,000 To 2,000, Deduct* | *-20.86* | |
| | | *For >2,000 To 5,000, Deduct* | *-34.57* | |
| | | *For >5,000, Deduct* | *-57.21* | |
| 33 01 30 72-0078 | LF | 15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 299.54 | |
| | | *For Vinlyester Resin, Add* | *191.53* | |
| | | *For Epoxy Resin, Add* | *22.57* | |
| | | *For Up To >10, Add* | *214.60* | |
| | | *For >10 To 25, Add* | *133.23* | |
| | | *For >25 To 50, Add* | *93.62* | |
| | | *For >50 To 100, Add* | *46.81* | |
| | | *For >500 To 1,000, Deduct* | *-15.63* | |
| | | *For >1,000 To 2,000, Deduct* | *-23.76* | |
| | | *For >2,000 To 5,000, Deduct* | *-39.32* | |
| | | *For >5,000, Deduct* | *-65.09* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0079 | LF | 15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 337.24 | |
| | | *For Vinlyester Resin, Add* | *216.08* | |
| | | *For Epoxy Resin, Add* | *25.47* | |
| | | *For Up To >10, Add* | *240.02* | |
| | | *For >10 To 25, Add* | *148.57* | |
| | | *For >25 To 50, Add* | *104.58* | |
| | | *For >50 To 100, Add* | *52.29* | |
| | | *For >500 To 1,000, Deduct* | *-17.58* | |
| | | *For >1,000 To 2,000, Deduct* | *-26.72* | |
| | | *For >2,000 To 5,000, Deduct* | *-44.18* | |
| | | *For >5,000, Deduct* | *-73.16* | |
| 33 01 30 72-0080 | LF | 15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 375.50 | |
| | | *For Vinlyester Resin, Add* | *240.62* | |
| | | *For Epoxy Resin, Add* | *28.36* | |
| | | *For Up To >10, Add* | *267.15* | |
| | | *For >10 To 25, Add* | *165.34* | |
| | | *For >25 To 50, Add* | *116.39* | |
| | | *For >50 To 100, Add* | *58.19* | |
| | | *For >500 To 1,000, Deduct* | *-19.57* | |
| | | *For >1,000 To 2,000, Deduct* | *-29.75* | |
| | | *For >2,000 To 5,000, Deduct* | *-49.19* | |
| | | *For >5,000, Deduct* | *-81.45* | |
| 33 01 30 72-0081 | LF | 15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 449.62 | |
| | | *For Vinlyester Resin, Add* | *289.71* | |
| | | *For Epoxy Resin, Add* | *34.14* | |
| | | *For Up To >10, Add* | *314.19* | |
| | | *For >10 To 25, Add* | *192.84* | |
| | | *For >25 To 50, Add* | *136.40* | |
| | | *For >50 To 100, Add* | *68.20* | |
| | | *For >500 To 1,000, Deduct* | *-23.37* | |
| | | *For >1,000 To 2,000, Deduct* | *-35.51* | |
| | | *For >2,000 To 5,000, Deduct* | *-58.60* | |
| | | *For >5,000, Deduct* | *-97.07* | |
| 33 01 30 72-0082 | LF | 15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 524.78 | |
| | | *For Vinlyester Resin, Add* | *338.80* | |
| | | *For Epoxy Resin, Add* | *39.93* | |
| | | *For Up To >10, Add* | *364.34* | |
| | | *For >10 To 25, Add* | *222.95* | |
| | | *For >25 To 50, Add* | *157.97* | |
| | | *For >50 To 100, Add* | *78.99* | |
| | | *For >500 To 1,000, Deduct* | *-27.26* | |
| | | *For >1,000 To 2,000, Deduct* | *-41.40* | |
| | | *For >2,000 To 5,000, Deduct* | *-68.28* | |
| | | *For >5,000, Deduct* | *-113.11* | |
| 33 01 30 72-0083 | LF | 15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 601.76 | |
| | | *For Vinlyester Resin, Add* | *387.89* | |
| | | *For Epoxy Resin, Add* | *45.72* | |
| | | *For Up To >10, Add* | *419.96* | |
| | | *For >10 To 25, Add* | *257.61* | |
| | | *For >25 To 50, Add* | *182.27* | |
| | | *For >50 To 100, Add* | *91.14* | |
| | | *For >500 To 1,000, Deduct* | *-31.28* | |
| | | *For >1,000 To 2,000, Deduct* | *-47.51* | |
| | | *For >2,000 To 5,000, Deduct* | *-78.40* | |
| | | *For >5,000, Deduct* | *-129.88* | |

## 33 01 30 72-0084 16.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0085 | LF | 16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 245.00 | |
| | | *For Vinlyester Resin, Add* | *156.15* | |
| | | *For Epoxy Resin, Add* | *18.40* | |
| | | *For Up To >10, Add* | *177.33* | |
| | | *For >10 To 25, Add* | *110.59* | |
| | | *For >25 To 50, Add* | *77.51* | |
| | | *For >50 To 100, Add* | *38.75* | |
| | | *For >500 To 1,000, Deduct* | *-12.80* | |
| | | *For >1,000 To 2,000, Deduct* | *-19.47* | |
| | | *For >2,000 To 5,000, Deduct* | *-32.25* | |
| | | *For >5,000, Deduct* | *-53.39* | |
| 33 01 30 72-0086 | LF | 16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 285.40 | |
| | | *For Vinlyester Resin, Add* | *183.15* | |
| | | *For Epoxy Resin, Add* | *21.59* | |
| | | *For Up To >10, Add* | *202.10* | |
| | | *For >10 To 25, Add* | *124.81* | |
| | | *For >25 To 50, Add* | *87.97* | |
| | | *For >50 To 100, Add* | *43.98* | |
| | | *For >500 To 1,000, Deduct* | *-14.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-22.59* | |
| | | *For >2,000 To 5,000, Deduct* | *-37.34* | |
| | | *For >5,000, Deduct* | *-61.83* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0087 | LF | 16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 326.14 | |
| | | *For Vinlyester Resin, Add* | *210.15* | |
| | | *For Epoxy Resin, Add* | *24.77* | |
| | | *For Up To >10, Add* | *227.90* | |
| | | *For >10 To 25, Add* | *139.88* | |
| | | *For >25 To 50, Add* | *98.94* | |
| | | *For >50 To 100, Add* | *49.47* | |
| | | *For >500 To 1,000, Deduct* | *-16.96* | |
| | | *For >1,000 To 2,000, Deduct* | *-25.76* | |
| | | *For >2,000 To 5,000, Deduct* | *-42.51* | |
| | | *For >5,000, Deduct* | *-70.41* | |
| 33 01 30 72-0088 | LF | 16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 367.34 | |
| | | *For Vinlyester Resin, Add* | *237.15* | |
| | | *For Epoxy Resin, Add* | *27.95* | |
| | | *For Up To >10, Add* | *255.07* | |
| | | *For >10 To 25, Add* | *156.10* | |
| | | *For >25 To 50, Add* | *110.60* | |
| | | *For >50 To 100, Add* | *55.30* | |
| | | *For >500 To 1,000, Deduct* | *-19.08* | |
| | | *For >1,000 To 2,000, Deduct* | *-28.98* | |
| | | *For >2,000 To 5,000, Deduct* | *-47.79* | |
| | | *For >5,000, Deduct* | *-79.18* | |
| 33 01 30 72-0089 | LF | 16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 409.12 | |
| | | *For Vinlyester Resin, Add* | *264.15* | |
| | | *For Epoxy Resin, Add* | *31.13* | |
| | | *For Up To >10, Add* | *283.96* | |
| | | *For >10 To 25, Add* | *173.74* | |
| | | *For >25 To 50, Add* | *123.11* | |
| | | *For >50 To 100, Add* | *61.56* | |
| | | *For >500 To 1,000, Deduct* | *-21.25* | |
| | | *For >1,000 To 2,000, Deduct* | *-32.27* | |
| | | *For >2,000 To 5,000, Deduct* | *-53.22* | |
| | | *For >5,000, Deduct* | *-88.18* | |
| 33 01 30 72-0090 | LF | 16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 490.25 | |
| | | *For Vinlyester Resin, Add* | *318.15* | |
| | | *For Epoxy Resin, Add* | *37.50* | |
| | | *For Up To >10, Add* | *334.50* | |
| | | *For >10 To 25, Add* | *203.00* | |
| | | *For >25 To 50, Add* | *144.53* | |
| | | *For >50 To 100, Add* | *72.26* | |
| | | *For >500 To 1,000, Deduct* | *-25.41* | |
| | | *For >1,000 To 2,000, Deduct* | *-38.56* | |
| | | *For >2,000 To 5,000, Deduct* | *-63.48* | |
| | | *For >5,000, Deduct* | *-105.20* | |
| 33 01 30 72-0091 | LF | 16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 572.42 | |
| | | *For Vinlyester Resin, Add* | *372.15* | |
| | | *For Epoxy Resin, Add* | *43.86* | |
| | | *For Up To >10, Add* | *388.16* | |
| | | *For >10 To 25, Add* | *234.86* | |
| | | *For >25 To 50, Add* | *167.50* | |
| | | *For >50 To 100, Add* | *83.75* | |
| | | *For >500 To 1,000, Deduct* | *-29.64* | |
| | | *For >1,000 To 2,000, Deduct* | *-44.97* | |
| | | *For >2,000 To 5,000, Deduct* | *-73.99* | |
| | | *For >5,000, Deduct* | *-122.64* | |
| 33 01 30 72-0092 | LF | 16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 656.41 | |
| | | *For Vinlyester Resin, Add* | *426.15* | |
| | | *For Epoxy Resin, Add* | *50.22* | |
| | | *For Up To >10, Add* | *447.28* | |
| | | *For >10 To 25, Add* | *271.27* | |
| | | *For >25 To 50, Add* | *193.20* | |
| | | *For >50 To 100, Add* | *96.60* | |
| | | *For >500 To 1,000, Deduct* | *-34.01* | |
| | | *For >1,000 To 2,000, Deduct* | *-51.61* | |
| | | *For >2,000 To 5,000, Deduct* | *-84.96* | |
| | | *For >5,000, Deduct* | *-140.81* | |
| 33 01 30 72-0093 | LF | 16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 739.60 | |
| | | *For Vinlyester Resin, Add* | *480.14* | |
| | | *For Epoxy Resin, Add* | *56.59* | |
| | | *For Up To >10, Add* | *504.00* | |
| | | *For >10 To 25, Add* | *305.68* | |
| | | *For >25 To 50, Add* | *217.70* | |
| | | *For >50 To 100, Add* | *108.85* | |
| | | *For >500 To 1,000, Deduct* | *-38.32* | |
| | | *For >1,000 To 2,000, Deduct* | *-58.15* | |
| | | *For >2,000 To 5,000, Deduct* | *-95.73* | |
| | | *For >5,000, Deduct* | *-158.66* | |

33 01 30 72-0094 18mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0095 | LF | 18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 265.02 | |
| | | *For Vinlyester Resin, Add* | *169.76* | |
| | | *For Epoxy Resin, Add* | *20.01* | |
| | | *For Up To >10, Add* | *188.76* | |
| | | *For >10 To 25, Add* | *116.88* | |
| | | *For >25 To 50, Add* | *82.25* | |
| | | *For >50 To 100, Add* | *41.13* | |
| | | *For >500 To 1,000, Deduct* | *-13.81* | |
| | | *For >1,000 To 2,000, Deduct* | *-21.00* | |
| | | *For >2,000 To 5,000, Deduct* | *-34.73* | |
| | | *For >5,000, Deduct* | *-57.50* | |
| 33 01 30 72-0096 | LF | 18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 309.04 | |
| | | *For Vinlyester Resin, Add* | *199.22* | |
| | | *For Epoxy Resin, Add* | *23.48* | |
| | | *For Up To >10, Add* | *215.62* | |
| | | *For >10 To 25, Add* | *132.25* | |
| | | *For >25 To 50, Add* | *93.58* | |
| | | *For >50 To 100, Add* | *46.79* | |
| | | *For >500 To 1,000, Deduct* | *-16.06* | |
| | | *For >1,000 To 2,000, Deduct* | *-24.40* | |
| | | *For >2,000 To 5,000, Deduct* | *-40.26* | |
| | | *For >5,000, Deduct* | *-66.70* | |
| 33 01 30 72-0097 | LF | 18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 353.30 | |
| | | *For Vinlyester Resin, Add* | *228.68* | |
| | | *For Epoxy Resin, Add* | *26.95* | |
| | | *For Up To >10, Add* | *243.20* | |
| | | *For >10 To 25, Add* | *148.22* | |
| | | *For >25 To 50, Add* | *105.27* | |
| | | *For >50 To 100, Add* | *52.63* | |
| | | *For >500 To 1,000, Deduct* | *-18.33* | |
| | | *For >1,000 To 2,000, Deduct* | *-27.83* | |
| | | *For >2,000 To 5,000, Deduct* | *-45.86* | |
| | | *For >5,000, Deduct* | *-75.98* | |
| 33 01 30 72-0098 | LF | 18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 398.11 | |
| | | *For Vinlyester Resin, Add* | *258.13* | |
| | | *For Epoxy Resin, Add* | *30.42* | |
| | | *For Up To >10, Add* | *272.43* | |
| | | *For >10 To 25, Add* | *165.57* | |
| | | *For >25 To 50, Add* | *117.78* | |
| | | *For >50 To 100, Add* | *58.89* | |
| | | *For >500 To 1,000, Deduct* | *-20.64* | |
| | | *For >1,000 To 2,000, Deduct* | *-31.33* | |
| | | *For >2,000 To 5,000, Deduct* | *-51.59* | |
| | | *For >5,000, Deduct* | *-85.49* | |
| 33 01 30 72-0099 | LF | 18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 443.38 | |
| | | *For Vinlyester Resin, Add* | *287.58* | |
| | | *For Epoxy Resin, Add* | *33.89* | |
| | | *For Up To >10, Add* | *303.07* | |
| | | *For >10 To 25, Add* | *184.08* | |
| | | *For >25 To 50, Add* | *130.99* | |
| | | *For >50 To 100, Add* | *65.50* | |
| | | *For >500 To 1,000, Deduct* | *-22.98* | |
| | | *For >1,000 To 2,000, Deduct* | *-34.88* | |
| | | *For >2,000 To 5,000, Deduct* | *-57.44* | |
| | | *For >5,000, Deduct* | *-95.19* | |
| 33 01 30 72-0100 | LF | 18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 532.46 | |
| | | *For Vinlyester Resin, Add* | *346.49* | |
| | | *For Epoxy Resin, Add* | *40.84* | |
| | | *For Up To >10, Add* | *359.91* | |
| | | *For >10 To 25, Add* | *217.42* | |
| | | *For >25 To 50, Add* | *155.20* | |
| | | *For >50 To 100, Add* | *77.60* | |
| | | *For >500 To 1,000, Deduct* | *-27.56* | |
| | | *For >1,000 To 2,000, Deduct* | *-41.81* | |
| | | *For >2,000 To 5,000, Deduct* | *-68.77* | |
| | | *For >5,000, Deduct* | *-113.99* | |
| 33 01 30 72-0101 | LF | 18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 621.98 | |
| | | *For Vinlyester Resin, Add* | *405.40* | |
| | | *For Epoxy Resin, Add* | *47.78* | |
| | | *For Up To >10, Add* | *418.09* | |
| | | *For >10 To 25, Add* | *251.89* | |
| | | *For >25 To 50, Add* | *180.09* | |
| | | *For >50 To 100, Add* | *90.04* | |
| | | *For >500 To 1,000, Deduct* | *-32.17* | |
| | | *For >1,000 To 2,000, Deduct* | *-48.79* | |
| | | *For >2,000 To 5,000, Deduct* | *-80.21* | |
| | | *For >5,000, Deduct* | *-132.96* | |
| 33 01 30 72-0102 | LF | 18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 713.32 | |
| | | *For Vinlyester Resin, Add* | *464.30* | |
| | | *For Epoxy Resin, Add* | *54.72* | |
| | | *For Up To >10, Add* | *481.74* | |
| | | *For >10 To 25, Add* | *290.90* | |
| | | *For >25 To 50, Add* | *207.70* | |
| | | *For >50 To 100, Add* | *103.85* | |
| | | *For >500 To 1,000, Deduct* | *-36.92* | |
| | | *For >1,000 To 2,000, Deduct* | *-56.00* | |
| | | *For >2,000 To 5,000, Deduct* | *-92.10* | |
| | | *For >5,000, Deduct* | *-152.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0103 | LF | 18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 803.88 | |
| | | *For Vinlyester Resin, Add* | *523.22* | |
| | | *For Epoxy Resin, Add* | *61.66* | |
| | | *For Up To >10, Add* | *543.02* | |
| | | *For >10 To 25, Add* | *327.94* | |
| | | *For >25 To 50, Add* | *234.14* | |
| | | *For >50 To 100, Add* | *117.07* | |
| | | *For >500 To 1,000, Deduct* | *-41.60* | |
| | | *For >1,000 To 2,000, Deduct* | *-63.11* | |
| | | *For >2,000 To 5,000, Deduct* | *-103.80* | |
| | | *For >5,000, Deduct* | *-172.06* | |
| 33 01 30 72-0104 | LF | 18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 894.31 | |
| | | *For Vinlyester Resin, Add* | *582.12* | |
| | | *For Epoxy Resin, Add* | *68.61* | |
| | | *For Up To >10, Add* | *603.93* | |
| | | *For >10 To 25, Add* | *364.68* | |
| | | *For >25 To 50, Add* | *260.39* | |
| | | *For >50 To 100, Add* | *130.19* | |
| | | *For >500 To 1,000, Deduct* | *-46.28* | |
| | | *For >1,000 To 2,000, Deduct* | *-70.21* | |
| | | *For >2,000 To 5,000, Deduct* | *-115.47* | |
| | | *For >5,000, Deduct* | *-191.40* | |
| 33 01 30 72-0105 | LF | 18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 985.22 | |
| | | *For Vinlyester Resin, Add* | *641.03* | |
| | | *For Epoxy Resin, Add* | *75.55* | |
| | | *For Up To >10, Add* | *666.26* | |
| | | *For >10 To 25, Add* | *402.59* | |
| | | *For >25 To 50, Add* | *287.34* | |
| | | *For >50 To 100, Add* | *143.67* | |
| | | *For >500 To 1,000, Deduct* | *-51.00* | |
| | | *For >1,000 To 2,000, Deduct* | *-77.36* | |
| | | *For >2,000 To 5,000, Deduct* | *-127.26* | |
| | | *For >5,000, Deduct* | *-210.94* | |
| 33 01 30 72-0106 | LF | 18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,075.75 | |
| | | *For Vinlyester Resin, Add* | *699.94* | |
| | | *For Epoxy Resin, Add* | *82.49* | |
| | | *For Up To >10, Add* | *727.48* | |
| | | *For >10 To 25, Add* | *439.58* | |
| | | *For >25 To 50, Add* | *313.74* | |
| | | *For >50 To 100, Add* | *156.87* | |
| | | *For >500 To 1,000, Deduct* | *-55.68* | |
| | | *For >1,000 To 2,000, Deduct* | *-84.47* | |
| | | *For >2,000 To 5,000, Deduct* | *-138.95* | |
| | | *For >5,000, Deduct* | *-230.32* | |

## 33 01 30 72-0107 19.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0108 | LF | 19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 285.26 | |
| | | *For Vinlyester Resin, Add* | *183.29* | |
| | | *For Epoxy Resin, Add* | *21.60* | |
| | | *For Up To >10, Add* | *201.18* | |
| | | *For >10 To 25, Add* | *124.01* | |
| | | *For >25 To 50, Add* | *87.50* | |
| | | *For >50 To 100, Add* | *43.75* | |
| | | *For >500 To 1,000, Deduct* | *-14.85* | |
| | | *For >1,000 To 2,000, Deduct* | *-22.57* | |
| | | *For >2,000 To 5,000, Deduct* | *-37.28* | |
| | | *For >5,000, Deduct* | *-61.74* | |
| 33 01 30 72-0109 | LF | 19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 332.78 | |
| | | *For Vinlyester Resin, Add* | *215.19* | |
| | | *For Epoxy Resin, Add* | *25.36* | |
| | | *For Up To >10, Add* | *229.79* | |
| | | *For >10 To 25, Add* | *140.26* | |
| | | *For >25 To 50, Add* | *99.52* | |
| | | *For >50 To 100, Add* | *49.76* | |
| | | *For >500 To 1,000, Deduct* | *-17.27* | |
| | | *For >1,000 To 2,000, Deduct* | *-26.23* | |
| | | *For >2,000 To 5,000, Deduct* | *-43.23* | |
| | | *For >5,000, Deduct* | *-71.63* | |
| 33 01 30 72-0110 | LF | 19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 380.64 | |
| | | *For Vinlyester Resin, Add* | *247.10* | |
| | | *For Epoxy Resin, Add* | *29.12* | |
| | | *For Up To >10, Add* | *259.42* | |
| | | *For >10 To 25, Add* | *157.35* | |
| | | *For >25 To 50, Add* | *112.06* | |
| | | *For >50 To 100, Add* | *56.03* | |
| | | *For >500 To 1,000, Deduct* | *-19.72* | |
| | | *For >1,000 To 2,000, Deduct* | *-29.93* | |
| | | *For >2,000 To 5,000, Deduct* | *-49.27* | |
| | | *For >5,000, Deduct* | *-81.66* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0111 | LF | 19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 428.74 | |
| | | *For Vinlyester Resin, Add* | *279.01* | |
| | | *For Epoxy Resin, Add* | *32.88* | |
| | | *For Up To >10, Add* | *289.75* | |
| | | *For >10 To 25, Add* | *175.02* | |
| | | *For >25 To 50, Add* | *124.94* | |
| | | *For >50 To 100, Add* | *62.47* | |
| | | *For >500 To 1,000, Deduct* | *-22.19* | |
| | | *For >1,000 To 2,000, Deduct* | *-33.66* | |
| | | *For >2,000 To 5,000, Deduct* | *-55.37* | |
| | | *For >5,000, Deduct* | *-91.78* | |
| 33 01 30 72-0112 | LF | 19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 477.75 | |
| | | *For Vinlyester Resin, Add* | *310.92* | |
| | | *For Epoxy Resin, Add* | *36.64* | |
| | | *For Up To >10, Add* | *322.83* | |
| | | *For >10 To 25, Add* | *194.99* | |
| | | *For >25 To 50, Add* | *139.20* | |
| | | *For >50 To 100, Add* | *69.60* | |
| | | *For >500 To 1,000, Deduct* | *-24.73* | |
| | | *For >1,000 To 2,000, Deduct* | *-37.51* | |
| | | *For >2,000 To 5,000, Deduct* | *-61.70* | |
| | | *For >5,000, Deduct* | *-102.27* | |
| 33 01 30 72-0113 | LF | 19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 574.87 | |
| | | *For Vinlyester Resin, Add* | *374.74* | |
| | | *For Epoxy Resin, Add* | *44.17* | |
| | | *For Up To >10, Add* | *386.26* | |
| | | *For >10 To 25, Add* | *232.66* | |
| | | *For >25 To 50, Add* | *166.36* | |
| | | *For >50 To 100, Add* | *83.18* | |
| | | *For >500 To 1,000, Deduct* | *-29.73* | |
| | | *For >1,000 To 2,000, Deduct* | *-45.09* | |
| | | *For >2,000 To 5,000, Deduct* | *-74.12* | |
| | | *For >5,000, Deduct* | *-122.88* | |
| 33 01 30 72-0114 | LF | 19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 672.30 | |
| | | *For Vinlyester Resin, Add* | *438.55* | |
| | | *For Epoxy Resin, Add* | *51.69* | |
| | | *For Up To >10, Add* | *450.65* | |
| | | *For >10 To 25, Add* | *271.13* | |
| | | *For >25 To 50, Add* | *194.00* | |
| | | *For >50 To 100, Add* | *97.00* | |
| | | *For >500 To 1,000, Deduct* | *-34.76* | |
| | | *For >1,000 To 2,000, Deduct* | *-52.71* | |
| | | *For >2,000 To 5,000, Deduct* | *-86.63* | |
| | | *For >5,000, Deduct* | *-143.62* | |
| 33 01 30 72-0115 | LF | 19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 770.56 | |
| | | *For Vinlyester Resin, Add* | *502.37* | |
| | | *For Epoxy Resin, Add* | *59.21* | |
| | | *For Up To >10, Add* | *517.51* | |
| | | *For >10 To 25, Add* | *311.64* | |
| | | *For >25 To 50, Add* | *222.87* | |
| | | *For >50 To 100, Add* | *111.43* | |
| | | *For >500 To 1,000, Deduct* | *-39.85* | |
| | | *For >1,000 To 2,000, Deduct* | *-60.44* | |
| | | *For >2,000 To 5,000, Deduct* | *-99.34* | |
| | | *For >5,000, Deduct* | *-164.69* | |
| 33 01 30 72-0116 | LF | 19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 868.47 | |
| | | *For Vinlyester Resin, Add* | *566.19* | |
| | | *For Epoxy Resin, Add* | *66.73* | |
| | | *For Up To >10, Add* | *583.31* | |
| | | *For >10 To 25, Add* | *351.29* | |
| | | *For >25 To 50, Add* | *251.21* | |
| | | *For >50 To 100, Add* | *125.61* | |
| | | *For >500 To 1,000, Deduct* | *-44.91* | |
| | | *For >1,000 To 2,000, Deduct* | *-68.12* | |
| | | *For >2,000 To 5,000, Deduct* | *-111.97* | |
| | | *For >5,000, Deduct* | *-185.62* | |
| 33 01 30 72-0117 | LF | 19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 966.37 | |
| | | *For Vinlyester Resin, Add* | *630.00* | |
| | | *For Epoxy Resin, Add* | *74.25* | |
| | | *For Up To >10, Add* | *649.11* | |
| | | *For >10 To 25, Add* | *390.93* | |
| | | *For >25 To 50, Add* | *279.56* | |
| | | *For >50 To 100, Add* | *139.78* | |
| | | *For >500 To 1,000, Deduct* | *-49.98* | |
| | | *For >1,000 To 2,000, Deduct* | *-75.80* | |
| | | *For >2,000 To 5,000, Deduct* | *-124.59* | |
| | | *For >5,000, Deduct* | *-206.55* | |
| 33 01 30 72-0118 | LF | 19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,065.65 | |
| | | *For Vinlyester Resin, Add* | *693.82* | |
| | | *For Epoxy Resin, Add* | *81.77* | |
| | | *For Up To >10, Add* | *719.03* | |
| | | *For >10 To 25, Add* | *433.99* | |
| | | *For >25 To 50, Add* | *309.95* | |
| | | *For >50 To 100, Add* | *154.98* | |
| | | *For >500 To 1,000, Deduct* | *-55.14* | |
| | | *For >1,000 To 2,000, Deduct* | *-83.65* | |
| | | *For >2,000 To 5,000, Deduct* | *-137.56* | |
| | | *For >5,000, Deduct* | *-228.03* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0119 | LF | 19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,163.66 | |
| | | *For Vinlyester Resin, Add* | *757.63* | |
| | | *For Epoxy Resin, Add* | *89.29* | |
| | | *For Up To >10, Add* | *785.16* | |
| | | *For >10 To 25, Add* | *473.91* | |
| | | *For >25 To 50, Add* | *338.46* | |
| | | *For >50 To 100, Add* | *169.23* | |
| | | *For >500 To 1,000, Deduct* | *-60.22* | |
| | | *For >1,000 To 2,000, Deduct* | *-91.34* | |
| | | *For >2,000 To 5,000, Deduct* | *-150.21* | |
| | | *For >5,000, Deduct* | *-249.00* | |

## 33 01 30 72-0120 21mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0121 | LF | 21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 305.23 | |
| | | *For Vinlyester Resin, Add* | *196.71* | |
| | | *For Epoxy Resin, Add* | *23.18* | |
| | | *For Up To >10, Add* | *213.17* | |
| | | *For >10 To 25, Add* | *130.80* | |
| | | *For >25 To 50, Add* | *92.53* | |
| | | *For >50 To 100, Add* | *46.27* | |
| | | *For >500 To 1,000, Deduct* | *-15.87* | |
| | | *For >1,000 To 2,000, Deduct* | *-24.10* | |
| | | *For >2,000 To 5,000, Deduct* | *-39.78* | |
| | | *For >5,000, Deduct* | *-65.89* | |
| 33 01 30 72-0122 | LF | 21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 356.38 | |
| | | *For Vinlyester Resin, Add* | *231.07* | |
| | | *For Epoxy Resin, Add* | *27.23* | |
| | | *For Up To >10, Add* | *243.89* | |
| | | *For >10 To 25, Add* | *148.23* | |
| | | *For >25 To 50, Add* | *105.44* | |
| | | *For >50 To 100, Add* | *52.72* | |
| | | *For >500 To 1,000, Deduct* | *-18.48* | |
| | | *For >1,000 To 2,000, Deduct* | *-28.04* | |
| | | *For >2,000 To 5,000, Deduct* | *-46.18* | |
| | | *For >5,000, Deduct* | *-76.53* | |
| 33 01 30 72-0123 | LF | 21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 407.86 | |
| | | *For Vinlyester Resin, Add* | *265.43* | |
| | | *For Epoxy Resin, Add* | *31.28* | |
| | | *For Up To >10, Add* | *275.61* | |
| | | *For >10 To 25, Add* | *166.47* | |
| | | *For >25 To 50, Add* | *118.84* | |
| | | *For >50 To 100, Add* | *59.42* | |
| | | *For >500 To 1,000, Deduct* | *-21.11* | |
| | | *For >1,000 To 2,000, Deduct* | *-32.02* | |
| | | *For >2,000 To 5,000, Deduct* | *-52.67* | |
| | | *For >5,000, Deduct* | *-87.31* | |
| 33 01 30 72-0124 | LF | 21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 459.24 | |
| | | *For Vinlyester Resin, Add* | *299.80* | |
| | | *For Epoxy Resin, Add* | *35.33* | |
| | | *For Up To >10, Add* | *307.02* | |
| | | *For >10 To 25, Add* | *184.47* | |
| | | *For >25 To 50, Add* | *132.10* | |
| | | *For >50 To 100, Add* | *66.05* | |
| | | *For >500 To 1,000, Deduct* | *-23.74* | |
| | | *For >1,000 To 2,000, Deduct* | *-35.99* | |
| | | *For >2,000 To 5,000, Deduct* | *-59.13* | |
| | | *For >5,000, Deduct* | *-98.04* | |
| 33 01 30 72-0125 | LF | 21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 511.87 | |
| | | *For Vinlyester Resin, Add* | *334.16* | |
| | | *For Epoxy Resin, Add* | *39.38* | |
| | | *For Up To >10, Add* | *342.19* | |
| | | *For >10 To 25, Add* | *205.59* | |
| | | *For >25 To 50, Add* | *147.22* | |
| | | *For >50 To 100, Add* | *73.61* | |
| | | *For >500 To 1,000, Deduct* | *-26.46* | |
| | | *For >1,000 To 2,000, Deduct* | *-40.12* | |
| | | *For >2,000 To 5,000, Deduct* | *-65.91* | |
| | | *For >5,000, Deduct* | *-109.27* | |
| 33 01 30 72-0126 | LF | 21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 617.12 | |
| | | *For Vinlyester Resin, Add* | *402.89* | |
| | | *For Epoxy Resin, Add* | *47.48* | |
| | | *For Up To >10, Add* | *412.49* | |
| | | *For >10 To 25, Add* | *247.81* | |
| | | *For >25 To 50, Add* | *177.47* | |
| | | *For >50 To 100, Add* | *88.73* | |
| | | *For >500 To 1,000, Deduct* | *-31.90* | |
| | | *For >1,000 To 2,000, Deduct* | *-48.36* | |
| | | *For >2,000 To 5,000, Deduct* | *-79.46* | |
| | | *For >5,000, Deduct* | *-131.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0127 | LF | 21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 722.39 | |
| | | *For Vinlyester Resin, Add* | *471.61* | |
| | | *For Epoxy Resin, Add* | *55.58* | |
| | | *For Up To >10, Add* | *482.85* | |
| | | *For >10 To 25, Add* | *290.08* | |
| | | *For >25 To 50, Add* | *207.74* | |
| | | *For >50 To 100, Add* | *103.87* | |
| | | *For >500 To 1,000, Deduct* | *-37.34* | |
| | | *For >1,000 To 2,000, Deduct* | *-56.61* | |
| | | *For >2,000 To 5,000, Deduct* | *-93.01* | |
| | | *For >5,000, Deduct* | *-154.21* | |
| 33 01 30 72-0128 | LF | 21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 827.65 | |
| | | *For Vinlyester Resin, Add* | *540.34* | |
| | | *For Epoxy Resin, Add* | *63.68* | |
| | | *For Up To >10, Add* | *553.18* | |
| | | *For >10 To 25, Add* | *332.33* | |
| | | *For >25 To 50, Add* | *237.99* | |
| | | *For >50 To 100, Add* | *119.00* | |
| | | *For >500 To 1,000, Deduct* | *-42.78* | |
| | | *For >1,000 To 2,000, Deduct* | *-64.86* | |
| | | *For >2,000 To 5,000, Deduct* | *-106.56* | |
| | | *For >5,000, Deduct* | *-176.68* | |
| 33 01 30 72-0129 | LF | 21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 932.92 | |
| | | *For Vinlyester Resin, Add* | *609.06* | |
| | | *For Epoxy Resin, Add* | *71.78* | |
| | | *For Up To >10, Add* | *623.54* | |
| | | *For >10 To 25, Add* | *374.60* | |
| | | *For >25 To 50, Add* | *268.26* | |
| | | *For >50 To 100, Add* | *134.13* | |
| | | *For >500 To 1,000, Deduct* | *-48.22* | |
| | | *For >1,000 To 2,000, Deduct* | *-73.11* | |
| | | *For >2,000 To 5,000, Deduct* | *-120.12* | |
| | | *For >5,000, Deduct* | *-199.15* | |
| 33 01 30 72-0130 | LF | 21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,038.18 | |
| | | *For Vinlyester Resin, Add* | *677.79* | |
| | | *For Epoxy Resin, Add* | *79.88* | |
| | | *For Up To >10, Add* | *693.87* | |
| | | *For >10 To 25, Add* | *416.84* | |
| | | *For >25 To 50, Add* | *298.52* | |
| | | *For >50 To 100, Add* | *149.26* | |
| | | *For >500 To 1,000, Deduct* | *-53.66* | |
| | | *For >1,000 To 2,000, Deduct* | *-81.36* | |
| | | *For >2,000 To 5,000, Deduct* | *-133.67* | |
| | | *For >5,000, Deduct* | *-221.62* | |
| 33 01 30 72-0131 | LF | 21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,145.96 | |
| | | *For Vinlyester Resin, Add* | *746.52* | |
| | | *For Epoxy Resin, Add* | *87.98* | |
| | | *For Up To >10, Add* | *771.76* | |
| | | *For >10 To 25, Add* | *465.39* | |
| | | *For >25 To 50, Add* | *332.56* | |
| | | *For >50 To 100, Add* | *166.28* | |
| | | *For >500 To 1,000, Deduct* | *-59.29* | |
| | | *For >1,000 To 2,000, Deduct* | *-89.92* | |
| | | *For >2,000 To 5,000, Deduct* | *-147.85* | |
| | | *For >5,000, Deduct* | *-245.09* | |
| 33 01 30 72-0132 | LF | 21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,251.44 | |
| | | *For Vinlyester Resin, Add* | *815.24* | |
| | | *For Epoxy Resin, Add* | *96.08* | |
| | | *For Up To >10, Add* | *842.75* | |
| | | *For >10 To 25, Add* | *508.18* | |
| | | *For >25 To 50, Add* | *363.14* | |
| | | *For >50 To 100, Add* | *181.57* | |
| | | *For >500 To 1,000, Deduct* | *-64.74* | |
| | | *For >1,000 To 2,000, Deduct* | *-98.20* | |
| | | *For >2,000 To 5,000, Deduct* | *-161.46* | |
| | | *For >5,000, Deduct* | *-267.65* | |

### 33 01 30 72-0133 22.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0134 | LF | 22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 324.95 | |
| | | *For Vinlyester Resin, Add* | *210.04* | |
| | | *For Epoxy Resin, Add* | *24.75* | |
| | | *For Up To >10, Add* | *224.73* | |
| | | *For >10 To 25, Add* | *137.26* | |
| | | *For >25 To 50, Add* | *97.36* | |
| | | *For >50 To 100, Add* | *48.68* | |
| | | *For >500 To 1,000, Deduct* | *-16.87* | |
| | | *For >1,000 To 2,000, Deduct* | *-25.62* | |
| | | *For >2,000 To 5,000, Deduct* | *-42.23* | |
| | | *For >5,000, Deduct* | *-69.97* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0135 | LF | 22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 379.60 | |
| | | *For Vinlyester Resin, Add* | *246.85* | |
| | | *For Epoxy Resin, Add* | *29.09* | |
| | | *For Up To >10, Add* | *257.20* | |
| | | *For >10 To 25, Add* | *155.56* | |
| | | *For >25 To 50, Add* | *110.97* | |
| | | *For >50 To 100, Add* | *55.48* | |
| | | *For >500 To 1,000, Deduct* | *-19.65* | |
| | | *For >1,000 To 2,000, Deduct* | *-29.82* | |
| | | *For >2,000 To 5,000, Deduct* | *-49.06* | |
| | | *For >5,000, Deduct* | *-81.31* | |
| 33 01 30 72-0136 | LF | 22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 434.94 | |
| | | *For Vinlyester Resin, Add* | *283.67* | |
| | | *For Epoxy Resin, Add* | *33.43* | |
| | | *For Up To >10, Add* | *291.72* | |
| | | *For >10 To 25, Add* | *175.56* | |
| | | *For >25 To 50, Add* | *125.60* | |
| | | *For >50 To 100, Add* | *62.80* | |
| | | *For >500 To 1,000, Deduct* | *-22.49* | |
| | | *For >1,000 To 2,000, Deduct* | *-34.11* | |
| | | *For >2,000 To 5,000, Deduct* | *-56.05* | |
| | | *For >5,000, Deduct* | *-92.93* | |
| 33 01 30 72-0137 | LF | 22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 490.63 | |
| | | *For Vinlyester Resin, Add* | *320.49* | |
| | | *For Epoxy Resin, Add* | *37.77* | |
| | | *For Up To >10, Add* | *327.29* | |
| | | *For >10 To 25, Add* | *196.44* | |
| | | *For >25 To 50, Add* | *140.75* | |
| | | *For >50 To 100, Add* | *70.38* | |
| | | *For >500 To 1,000, Deduct* | *-25.35* | |
| | | *For >1,000 To 2,000, Deduct* | *-38.44* | |
| | | *For >2,000 To 5,000, Deduct* | *-63.14* | |
| | | *For >5,000, Deduct* | *-104.68* | |
| 33 01 30 72-0138 | LF | 22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 546.98 | |
| | | *For Vinlyester Resin, Add* | *357.30* | |
| | | *For Epoxy Resin, Add* | *42.11* | |
| | | *For Up To >10, Add* | *364.87* | |
| | | *For >10 To 25, Add* | *218.98* | |
| | | *For >25 To 50, Add* | *156.91* | |
| | | *For >50 To 100, Add* | *78.46* | |
| | | *For >500 To 1,000, Deduct* | *-28.26* | |
| | | *For >1,000 To 2,000, Deduct* | *-42.85* | |
| | | *For >2,000 To 5,000, Deduct* | *-70.39* | |
| | | *For >5,000, Deduct* | *-116.71* | |
| 33 01 30 72-0139 | LF | 22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 659.72 | |
| | | *For Vinlyester Resin, Add* | *430.93* | |
| | | *For Epoxy Resin, Add* | *50.79* | |
| | | *For Up To >10, Add* | *440.11* | |
| | | *For >10 To 25, Add* | *264.16* | |
| | | *For >25 To 50, Add* | *189.27* | |
| | | *For >50 To 100, Add* | *94.64* | |
| | | *For >500 To 1,000, Deduct* | *-34.09* | |
| | | *For >1,000 To 2,000, Deduct* | *-51.68* | |
| | | *For >2,000 To 5,000, Deduct* | *-84.90* | |
| | | *For >5,000, Deduct* | *-140.76* | |
| 33 01 30 72-0140 | LF | 22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 772.45 | |
| | | *For Vinlyester Resin, Add* | *504.57* | |
| | | *For Epoxy Resin, Add* | *59.47* | |
| | | *For Up To >10, Add* | *515.30* | |
| | | *For >10 To 25, Add* | *309.28* | |
| | | *For >25 To 50, Add* | *221.61* | |
| | | *For >50 To 100, Add* | *110.80* | |
| | | *For >500 To 1,000, Deduct* | *-39.91* | |
| | | *For >1,000 To 2,000, Deduct* | *-60.52* | |
| | | *For >2,000 To 5,000, Deduct* | *-99.41* | |
| | | *For >5,000, Deduct* | *-164.82* | |
| 33 01 30 72-0141 | LF | 22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 885.18 | |
| | | *For Vinlyester Resin, Add* | *578.21* | |
| | | *For Epoxy Resin, Add* | *68.15* | |
| | | *For Up To >10, Add* | *590.52* | |
| | | *For >10 To 25, Add* | *354.43* | |
| | | *For >25 To 50, Add* | *253.96* | |
| | | *For >50 To 100, Add* | *126.98* | |
| | | *For >500 To 1,000, Deduct* | *-45.74* | |
| | | *For >1,000 To 2,000, Deduct* | *-69.35* | |
| | | *For >2,000 To 5,000, Deduct* | *-113.91* | |
| | | *For >5,000, Deduct* | *-188.87* | |
| 33 01 30 72-0142 | LF | 22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 997.91 | |
| | | *For Vinlyester Resin, Add* | *651.84* | |
| | | *For Epoxy Resin, Add* | *76.82* | |
| | | *For Up To >10, Add* | *665.73* | |
| | | *For >10 To 25, Add* | *399.58* | |
| | | *For >25 To 50, Add* | *286.31* | |
| | | *For >50 To 100, Add* | *143.15* | |
| | | *For >500 To 1,000, Deduct* | *-51.56* | |
| | | *For >1,000 To 2,000, Deduct* | *-78.18* | |
| | | *For >2,000 To 5,000, Deduct* | *-128.42* | |
| | | *For >5,000, Deduct* | *-212.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0143 | LF | 22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,110.65 | |
| | | *For Vinlyester Resin, Add* | *725.48* | |
| | | *For Epoxy Resin, Add* | *85.50* | |
| | | *For Up To >10, Add* | *740.95* | |
| | | *For >10 To 25, Add* | *444.73* | |
| | | *For >25 To 50, Add* | *318.66* | |
| | | *For >50 To 100, Add* | *159.33* | |
| | | *For >500 To 1,000, Deduct* | *-57.39* | |
| | | *For >1,000 To 2,000, Deduct* | *-87.01* | |
| | | *For >2,000 To 5,000, Deduct* | *-142.93* | |
| | | *For >5,000, Deduct* | *-236.98* | |
| 33 01 30 72-0144 | LF | 22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,226.00 | |
| | | *For Vinlyester Resin, Add* | *799.11* | |
| | | *For Epoxy Resin, Add* | *94.18* | |
| | | *For Up To >10, Add* | *824.03* | |
| | | *For >10 To 25, Add* | *496.42* | |
| | | *For >25 To 50, Add* | *354.93* | |
| | | *For >50 To 100, Add* | *177.47* | |
| | | *For >500 To 1,000, Deduct* | *-63.41* | |
| | | *For >1,000 To 2,000, Deduct* | *-96.17* | |
| | | *For >2,000 To 5,000, Deduct* | *-158.09* | |
| | | *For >5,000, Deduct* | *-262.08* | |
| 33 01 30 72-0145 | LF | 22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,338.96 | |
| | | *For Vinlyester Resin, Add* | *872.75* | |
| | | *For Epoxy Resin, Add* | *102.86* | |
| | | *For Up To >10, Add* | *899.93* | |
| | | *For >10 To 25, Add* | *542.15* | |
| | | *For >25 To 50, Add* | *387.63* | |
| | | *For >50 To 100, Add* | *193.81* | |
| | | *For >500 To 1,000, Deduct* | *-69.25* | |
| | | *For >1,000 To 2,000, Deduct* | *-105.03* | |
| | | *For >2,000 To 5,000, Deduct* | *-172.66* | |
| | | *For >5,000, Deduct* | *-286.23* | |

## 33 01 30 72-0146 24mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0147 | LF | 24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 344.41 | |
| | | *For Vinlyester Resin, Add* | *223.26* | |
| | | *For Epoxy Resin, Add* | *26.31* | |
| | | *For Up To >10, Add* | *235.88* | |
| | | *For >10 To 25, Add* | *143.41* | |
| | | *For >25 To 50, Add* | *101.99* | |
| | | *For >50 To 100, Add* | *51.00* | |
| | | *For >500 To 1,000, Deduct* | *-17.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-27.10* | |
| | | *For >2,000 To 5,000, Deduct* | *-44.64* | |
| | | *For >5,000, Deduct* | *-73.98* | |
| 33 01 30 72-0148 | LF | 24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 402.58 | |
| | | *For Vinlyester Resin, Add* | *262.54* | |
| | | *For Epoxy Resin, Add* | *30.94* | |
| | | *For Up To >10, Add* | *270.12* | |
| | | *For >10 To 25, Add* | *162.59* | |
| | | *For >25 To 50, Add* | *116.31* | |
| | | *For >50 To 100, Add* | *58.15* | |
| | | *For >500 To 1,000, Deduct* | *-20.82* | |
| | | *For >1,000 To 2,000, Deduct* | *-31.57* | |
| | | *For >2,000 To 5,000, Deduct* | *-51.89* | |
| | | *For >5,000, Deduct* | *-86.02* | |
| 33 01 30 72-0149 | LF | 24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 461.77 | |
| | | *For Vinlyester Resin, Add* | *301.81* | |
| | | *For Epoxy Resin, Add* | *35.57* | |
| | | *For Up To >10, Add* | *307.44* | |
| | | *For >10 To 25, Add* | *184.34* | |
| | | *For >25 To 50, Add* | *132.16* | |
| | | *For >50 To 100, Add* | *66.08* | |
| | | *For >500 To 1,000, Deduct* | *-23.85* | |
| | | *For >1,000 To 2,000, Deduct* | *-36.16* | |
| | | *For >2,000 To 5,000, Deduct* | *-59.39* | |
| | | *For >5,000, Deduct* | *-98.48* | |
| 33 01 30 72-0150 | LF | 24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 521.86 | |
| | | *For Vinlyester Resin, Add* | *341.08* | |
| | | *For Epoxy Resin, Add* | *40.20* | |
| | | *For Up To >10, Add* | *347.46* | |
| | | *For >10 To 25, Add* | *208.34* | |
| | | *For >25 To 50, Add* | *149.37* | |
| | | *For >50 To 100, Add* | *74.68* | |
| | | *For >500 To 1,000, Deduct* | *-26.96* | |
| | | *For >1,000 To 2,000, Deduct* | *-40.87* | |
| | | *For >2,000 To 5,000, Deduct* | *-67.12* | |
| | | *For >5,000, Deduct* | *-111.29* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0151 | LF | 24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 581.97 | |
| | | *For Vinlyester Resin, Add* | *380.35* | |
| | | *For Epoxy Resin, Add* | *44.83* | |
| | | *For Up To >10, Add* | *387.51* | |
| | | *For >10 To 25, Add* | *232.37* | |
| | | *For >25 To 50, Add* | *166.59* | |
| | | *For >50 To 100, Add* | *83.29* | |
| | | *For >500 To 1,000, Deduct* | *-30.06* | |
| | | *For >1,000 To 2,000, Deduct* | *-45.58* | |
| | | *For >2,000 To 5,000, Deduct* | *-74.86* | |
| | | *For >5,000, Deduct* | *-124.12* | |
| 33 01 30 72-0152 | LF | 24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 702.18 | |
| | | *For Vinlyester Resin, Add* | *458.90* | |
| | | *For Epoxy Resin, Add* | *54.08* | |
| | | *For Up To >10, Add* | *467.62* | |
| | | *For >10 To 25, Add* | *280.42* | |
| | | *For >25 To 50, Add* | *201.03* | |
| | | *For >50 To 100, Add* | *100.51* | |
| | | *For >500 To 1,000, Deduct* | *-36.27* | |
| | | *For >1,000 To 2,000, Deduct* | *-54.99* | |
| | | *For >2,000 To 5,000, Deduct* | *-90.32* | |
| | | *For >5,000, Deduct* | *-149.76* | |
| 33 01 30 72-0153 | LF | 24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 852.17 | |
| | | *For Vinlyester Resin, Add* | *558.38* | |
| | | *For Epoxy Resin, Add* | *65.81* | |
| | | *For Up To >10, Add* | *562.31* | |
| | | *For >10 To 25, Add* | *335.65* | |
| | | *For >25 To 50, Add* | *241.27* | |
| | | *For >50 To 100, Add* | *120.64* | |
| | | *For >500 To 1,000, Deduct* | *-43.97* | |
| | | *For >1,000 To 2,000, Deduct* | *-66.64* | |
| | | *For >2,000 To 5,000, Deduct* | *-109.34* | |
| | | *For >5,000, Deduct* | *-181.33* | |
| 33 01 30 72-0154 | LF | 24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 942.45 | |
| | | *For Vinlyester Resin, Add* | *615.98* | |
| | | *For Epoxy Resin, Add* | *72.60* | |
| | | *For Up To >10, Add* | *627.43* | |
| | | *For >10 To 25, Add* | *376.19* | |
| | | *For >25 To 50, Add* | *269.71* | |
| | | *For >50 To 100, Add* | *134.86* | |
| | | *For >500 To 1,000, Deduct* | *-48.68* | |
| | | *For >1,000 To 2,000, Deduct* | *-73.81* | |
| | | *For >2,000 To 5,000, Deduct* | *-121.22* | |
| | | *For >5,000, Deduct* | *-200.99* | |
| 33 01 30 72-0155 | LF | 24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,062.65 | |
| | | *For Vinlyester Resin, Add* | *694.53* | |
| | | *For Epoxy Resin, Add* | *81.85* | |
| | | *For Up To >10, Add* | *707.50* | |
| | | *For >10 To 25, Add* | *424.22* | |
| | | *For >25 To 50, Add* | *304.14* | |
| | | *For >50 To 100, Add* | *152.07* | |
| | | *For >500 To 1,000, Deduct* | *-54.89* | |
| | | *For >1,000 To 2,000, Deduct* | *-83.22* | |
| | | *For >2,000 To 5,000, Deduct* | *-136.68* | |
| | | *For >5,000, Deduct* | *-226.62* | |
| 33 01 30 72-0156 | LF | 24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,182.86 | |
| | | *For Vinlyester Resin, Add* | *773.07* | |
| | | *For Epoxy Resin, Add* | *91.11* | |
| | | *For Up To >10, Add* | *787.63* | |
| | | *For >10 To 25, Add* | *472.30* | |
| | | *For >25 To 50, Add* | *338.60* | |
| | | *For >50 To 100, Add* | *169.30* | |
| | | *For >500 To 1,000, Deduct* | *-61.11* | |
| | | *For >1,000 To 2,000, Deduct* | *-92.64* | |
| | | *For >2,000 To 5,000, Deduct* | *-152.15* | |
| | | *For >5,000, Deduct* | *-252.27* | |
| 33 01 30 72-0157 | LF | 24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,305.80 | |
| | | *For Vinlyester Resin, Add* | *851.61* | |
| | | *For Epoxy Resin, Add* | *100.37* | |
| | | *For Up To >10, Add* | *875.93* | |
| | | *For >10 To 25, Add* | *527.17* | |
| | | *For >25 To 50, Add* | *377.13* | |
| | | *For >50 To 100, Add* | *188.57* | |
| | | *For >500 To 1,000, Deduct* | *-67.52* | |
| | | *For >1,000 To 2,000, Deduct* | *-102.40* | |
| | | *For >2,000 To 5,000, Deduct* | *-168.29* | |
| | | *For >5,000, Deduct* | *-279.00* | |
| 33 01 30 72-0158 | LF | 24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,426.24 | |
| | | *For Vinlyester Resin, Add* | *930.16* | |
| | | *For Epoxy Resin, Add* | *109.63* | |
| | | *For Up To >10, Add* | *956.72* | |
| | | *For >10 To 25, Add* | *575.80* | |
| | | *For >25 To 50, Add* | *411.92* | |
| | | *For >50 To 100, Add* | *205.96* | |
| | | *For >500 To 1,000, Deduct* | *-73.75* | |
| | | *For >1,000 To 2,000, Deduct* | *-111.84* | |
| | | *For >2,000 To 5,000, Deduct* | *-183.82* | |
| | | *For >5,000, Deduct* | *-304.74* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0159 | LF | 24mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,546.66 | |
| | | *For Vinlyester Resin, Add* | *1,008.70* | |
| | | *For Epoxy Resin, Add* | *118.88* | |
| | | *For Up To >10, Add* | *1,037.48* | |
| | | *For >10 To 25, Add* | *624.40* | |
| | | *For >25 To 50, Add* | *446.69* | |
| | | *For >50 To 100, Add* | *223.35* | |
| | | *For >500 To 1,000, Deduct* | *-79.97* | |
| | | *For >1,000 To 2,000, Deduct* | *-121.28* | |
| | | *For >2,000 To 5,000, Deduct* | *-199.34* | |
| | | *For >5,000, Deduct* | *-330.46* | |
| 33 01 30 72-0160 | LF | 24mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,667.10 | |
| | | *For Vinlyester Resin, Add* | *1,087.25* | |
| | | *For Epoxy Resin, Add* | *128.14* | |
| | | *For Up To >10, Add* | *1,118.28* | |
| | | *For >10 To 25, Add* | *673.03* | |
| | | *For >25 To 50, Add* | *481.48* | |
| | | *For >50 To 100, Add* | *240.74* | |
| | | *For >500 To 1,000, Deduct* | *-86.20* | |
| | | *For >1,000 To 2,000, Deduct* | *-130.73* | |
| | | *For >2,000 To 5,000, Deduct* | *-214.86* | |
| | | *For >5,000, Deduct* | *-356.20* | |

## 33 01 30 72-0161 25.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0162 | LF | 25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 425.77 | |
| | | *For Vinlyester Resin, Add* | *278.12* | |
| | | *For Epoxy Resin, Add* | *32.78* | |
| | | *For Up To >10, Add* | *284.01* | |
| | | *For >10 To 25, Add* | *170.46* | |
| | | *For >25 To 50, Add* | *122.14* | |
| | | *For >50 To 100, Add* | *61.07* | |
| | | *For >500 To 1,000, Deduct* | *-22.00* | |
| | | *For >1,000 To 2,000, Deduct* | *-33.36* | |
| | | *For >2,000 To 5,000, Deduct* | *-54.79* | |
| | | *For >5,000, Deduct* | *-90.84* | |
| 33 01 30 72-0163 | LF | 25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 489.13 | |
| | | *For Vinlyester Resin, Add* | *319.84* | |
| | | *For Epoxy Resin, Add* | *37.70* | |
| | | *For Up To >10, Add* | *325.09* | |
| | | *For >10 To 25, Add* | *194.76* | |
| | | *For >25 To 50, Add* | *139.70* | |
| | | *For >50 To 100, Add* | *69.85* | |
| | | *For >500 To 1,000, Deduct* | *-25.26* | |
| | | *For >1,000 To 2,000, Deduct* | *-38.30* | |
| | | *For >2,000 To 5,000, Deduct* | *-62.88* | |
| | | *For >5,000, Deduct* | *-104.27* | |
| 33 01 30 72-0164 | LF | 25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 552.98 | |
| | | *For Vinlyester Resin, Add* | *361.58* | |
| | | *For Epoxy Resin, Add* | *42.61* | |
| | | *For Up To >10, Add* | *367.59* | |
| | | *For >10 To 25, Add* | *220.24* | |
| | | *For >25 To 50, Add* | *157.97* | |
| | | *For >50 To 100, Add* | *78.98* | |
| | | *For >500 To 1,000, Deduct* | *-28.56* | |
| | | *For >1,000 To 2,000, Deduct* | *-43.30* | |
| | | *For >2,000 To 5,000, Deduct* | *-71.09* | |
| | | *For >5,000, Deduct* | *-117.88* | |
| 33 01 30 72-0165 | LF | 25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 616.70 | |
| | | *For Vinlyester Resin, Add* | *403.30* | |
| | | *For Epoxy Resin, Add* | *47.53* | |
| | | *For Up To >10, Add* | *409.75* | |
| | | *For >10 To 25, Add* | *245.44* | |
| | | *For >25 To 50, Add* | *176.07* | |
| | | *For >50 To 100, Add* | *88.03* | |
| | | *For >500 To 1,000, Deduct* | *-31.85* | |
| | | *For >1,000 To 2,000, Deduct* | *-48.28* | |
| | | *For >2,000 To 5,000, Deduct* | *-79.28* | |
| | | *For >5,000, Deduct* | *-131.45* | |
| 33 01 30 72-0166 | LF | 25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 744.36 | |
| | | *For Vinlyester Resin, Add* | *486.75* | |
| | | *For Epoxy Resin, Add* | *57.37* | |
| | | *For Up To >10, Add* | *494.68* | |
| | | *For >10 To 25, Add* | *296.34* | |
| | | *For >25 To 50, Add* | *212.57* | |
| | | *For >50 To 100, Add* | *106.29* | |
| | | *For >500 To 1,000, Deduct* | *-38.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-58.28* | |
| | | *For >2,000 To 5,000, Deduct* | *-95.69* | |
| | | *For >5,000, Deduct* | *-158.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0167 | LF | 25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 871.93 | |
| | | *For Vinlyester Resin, Add* | *570.21* | |
| | | *For Epoxy Resin, Add* | *67.20* | |
| | | *For Up To >10, Add* | *579.34* | |
| | | *For >10 To 25, Add* | *347.02* | |
| | | *For >25 To 50, Add* | *248.94* | |
| | | *For >50 To 100, Add* | *124.47* | |
| | | *For >500 To 1,000, Deduct* | *-45.03* | |
| | | *For >1,000 To 2,000, Deduct* | *-68.26* | |
| | | *For >2,000 To 5,000, Deduct* | *-112.09* | |
| | | *For >5,000, Deduct* | *-185.86* | |
| 33 01 30 72-0168 | LF | 25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 999.59 | |
| | | *For Vinlyester Resin, Add* | *653.66* | |
| | | *For Epoxy Resin, Add* | *77.04* | |
| | | *For Up To >10, Add* | *664.27* | |
| | | *For >10 To 25, Add* | *397.93* | |
| | | *For >25 To 50, Add* | *285.45* | |
| | | *For >50 To 100, Add* | *142.72* | |
| | | *For >500 To 1,000, Deduct* | *-51.62* | |
| | | *For >1,000 To 2,000, Deduct* | *-78.26* | |
| | | *For >2,000 To 5,000, Deduct* | *-128.50* | |
| | | *For >5,000, Deduct* | *-213.08* | |
| 33 01 30 72-0169 | LF | 25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,127.16 | |
| | | *For Vinlyester Resin, Add* | *737.11* | |
| | | *For Epoxy Resin, Add* | *86.87* | |
| | | *For Up To >10, Add* | *748.93* | |
| | | *For >10 To 25, Add* | *448.61* | |
| | | *For >25 To 50, Add* | *321.81* | |
| | | *For >50 To 100, Add* | *160.91* | |
| | | *For >500 To 1,000, Deduct* | *-58.21* | |
| | | *For >1,000 To 2,000, Deduct* | *-88.24* | |
| | | *For >2,000 To 5,000, Deduct* | *-144.90* | |
| | | *For >5,000, Deduct* | *-240.26* | |
| 33 01 30 72-0170 | LF | 25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,254.82 | |
| | | *For Vinlyester Resin, Add* | *820.57* | |
| | | *For Epoxy Resin, Add* | *96.71* | |
| | | *For Up To >10, Add* | *833.86* | |
| | | *For >10 To 25, Add* | *499.51* | |
| | | *For >25 To 50, Add* | *358.32* | |
| | | *For >50 To 100, Add* | *179.16* | |
| | | *For >500 To 1,000, Deduct* | *-64.81* | |
| | | *For >1,000 To 2,000, Deduct* | *-98.24* | |
| | | *For >2,000 To 5,000, Deduct* | *-161.31* | |
| | | *For >5,000, Deduct* | *-267.48* | |
| 33 01 30 72-0171 | LF | 25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,386.14 | |
| | | *For Vinlyester Resin, Add* | *904.02* | |
| | | *For Epoxy Resin, Add* | *106.54* | |
| | | *For Up To >10, Add* | *929.80* | |
| | | *For >10 To 25, Add* | *559.59* | |
| | | *For >25 To 50, Add* | *400.33* | |
| | | *For >50 To 100, Add* | *200.16* | |
| | | *For >500 To 1,000, Deduct* | *-71.67* | |
| | | *For >1,000 To 2,000, Deduct* | *-108.70* | |
| | | *For >2,000 To 5,000, Deduct* | *-178.65* | |
| | | *For >5,000, Deduct* | *-296.17* | |
| 33 01 30 72-0172 | LF | 25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,514.16 | |
| | | *For Vinlyester Resin, Add* | *987.47* | |
| | | *For Epoxy Resin, Add* | *116.38* | |
| | | *For Up To >10, Add* | *1,015.81* | |
| | | *For >10 To 25, Add* | *611.39* | |
| | | *For >25 To 50, Add* | *437.37* | |
| | | *For >50 To 100, Add* | *218.68* | |
| | | *For >500 To 1,000, Deduct* | *-78.30* | |
| | | *For >1,000 To 2,000, Deduct* | *-118.74* | |
| | | *For >2,000 To 5,000, Deduct* | *-195.15* | |
| | | *For >5,000, Deduct* | *-323.53* | |
| 33 01 30 72-0173 | LF | 25.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,642.06 | |
| | | *For Vinlyester Resin, Add* | *1,070.92* | |
| | | *For Epoxy Resin, Add* | *126.22* | |
| | | *For Up To >10, Add* | *1,101.46* | |
| | | *For >10 To 25, Add* | *662.90* | |
| | | *For >25 To 50, Add* | *474.23* | |
| | | *For >50 To 100, Add* | *237.12* | |
| | | *For >500 To 1,000, Deduct* | *-84.91* | |
| | | *For >1,000 To 2,000, Deduct* | *-128.76* | |
| | | *For >2,000 To 5,000, Deduct* | *-211.63* | |
| | | *For >5,000, Deduct* | *-350.85* | |
| 33 01 30 72-0174 | LF | 25.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,770.08 | |
| | | *For Vinlyester Resin, Add* | *1,154.38* | |
| | | *For Epoxy Resin, Add* | *136.05* | |
| | | *For Up To >10, Add* | *1,187.47* | |
| | | *For >10 To 25, Add* | *714.70* | |
| | | *For >25 To 50, Add* | *511.28* | |
| | | *For >50 To 100, Add* | *255.64* | |
| | | *For >500 To 1,000, Deduct* | *-91.53* | |
| | | *For >1,000 To 2,000, Deduct* | *-138.80* | |
| | | *For >2,000 To 5,000, Deduct* | *-228.14* | |
| | | *For >5,000, Deduct* | *-378.21* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0175 | | 27mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)* | | |
| 33 01 30 72-0176 | LF | 27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 448.68 | |
| | | *For Vinlyester Resin, Add* | *293.61* | |
| | | *For Epoxy Resin, Add* | *34.60* | |
| | | *For Up To >10, Add* | *297.44* | |
| | | *For >10 To 25, Add* | *177.96* | |
| | | *For >25 To 50, Add* | *127.75* | |
| | | *For >50 To 100, Add* | *63.87* | |
| | | *For >500 To 1,000, Deduct* | *-23.17* | |
| | | *For >1,000 To 2,000, Deduct* | *-35.11* | |
| | | *For >2,000 To 5,000, Deduct* | *-57.64* | |
| | | *For >5,000, Deduct* | *-95.58* | |
| 33 01 30 72-0177 | LF | 27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 516.25 | |
| | | *For Vinlyester Resin, Add* | *337.79* | |
| | | *For Epoxy Resin, Add* | *39.81* | |
| | | *For Up To >10, Add* | *342.35* | |
| | | *For >10 To 25, Add* | *204.87* | |
| | | *For >25 To 50, Add* | *147.05* | |
| | | *For >50 To 100, Add* | *73.52* | |
| | | *For >500 To 1,000, Deduct* | *-26.65* | |
| | | *For >1,000 To 2,000, Deduct* | *-40.40* | |
| | | *For >2,000 To 5,000, Deduct* | *-66.33* | |
| | | *For >5,000, Deduct* | *-109.99* | |
| 33 01 30 72-0178 | LF | 27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 583.83 | |
| | | *For Vinlyester Resin, Add* | *381.98* | |
| | | *For Epoxy Resin, Add* | *45.02* | |
| | | *For Up To >10, Add* | *387.29* | |
| | | *For >10 To 25, Add* | *231.80* | |
| | | *For >25 To 50, Add* | *166.36* | |
| | | *For >50 To 100, Add* | *83.18* | |
| | | *For >500 To 1,000, Deduct* | *-30.15* | |
| | | *For >1,000 To 2,000, Deduct* | *-45.69* | |
| | | *For >2,000 To 5,000, Deduct* | *-75.02* | |
| | | *For >5,000, Deduct* | *-124.40* | |
| 33 01 30 72-0179 | LF | 27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 651.28 | |
| | | *For Vinlyester Resin, Add* | *426.15* | |
| | | *For Epoxy Resin, Add* | *50.23* | |
| | | *For Up To >10, Add* | *431.87* | |
| | | *For >10 To 25, Add* | *258.42* | |
| | | *For >25 To 50, Add* | *185.49* | |
| | | *For >50 To 100, Add* | *92.75* | |
| | | *For >500 To 1,000, Deduct* | *-33.63* | |
| | | *For >1,000 To 2,000, Deduct* | *-50.97* | |
| | | *For >2,000 To 5,000, Deduct* | *-83.68* | |
| | | *For >5,000, Deduct* | *-138.75* | |
| 33 01 30 72-0180 | LF | 27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 786.31 | |
| | | *For Vinlyester Resin, Add* | *514.51* | |
| | | *For Epoxy Resin, Add* | *60.64* | |
| | | *For Up To >10, Add* | *521.38* | |
| | | *For >10 To 25, Add* | *311.98* | |
| | | *For >25 To 50, Add* | *223.94* | |
| | | *For >50 To 100, Add* | *111.97* | |
| | | *For >500 To 1,000, Deduct* | *-40.60* | |
| | | *For >1,000 To 2,000, Deduct* | *-61.54* | |
| | | *For >2,000 To 5,000, Deduct* | *-101.02* | |
| | | *For >5,000, Deduct* | *-167.52* | |
| 33 01 30 72-0181 | LF | 27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 921.45 | |
| | | *For Vinlyester Resin, Add* | *602.88* | |
| | | *For Epoxy Resin, Add* | *71.05* | |
| | | *For Up To >10, Add* | *611.23* | |
| | | *For >10 To 25, Add* | *365.81* | |
| | | *For >25 To 50, Add* | *262.55* | |
| | | *For >50 To 100, Add* | *131.28* | |
| | | *For >500 To 1,000, Deduct* | *-47.58* | |
| | | *For >1,000 To 2,000, Deduct* | *-72.12* | |
| | | *For >2,000 To 5,000, Deduct* | *-118.40* | |
| | | *For >5,000, Deduct* | *-196.33* | |
| 33 01 30 72-0182 | LF | 27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,056.48 | |
| | | *For Vinlyester Resin, Add* | *691.24* | |
| | | *For Epoxy Resin, Add* | *81.47* | |
| | | *For Up To >10, Add* | *700.72* | |
| | | *For >10 To 25, Add* | *419.35* | |
| | | *For >25 To 50, Add* | *300.98* | |
| | | *For >50 To 100, Add* | *150.49* | |
| | | *For >500 To 1,000, Deduct* | *-54.55* | |
| | | *For >1,000 To 2,000, Deduct* | *-82.69* | |
| | | *For >2,000 To 5,000, Deduct* | *-135.75* | |
| | | *For >5,000, Deduct* | *-225.09* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0183 | LF | 27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,191.51 | |
| | | *For Vinlyester Resin, Add* | *779.60* | |
| | | *For Epoxy Resin, Add* | *91.88* | |
| | | *For Up To >10, Add* | *790.23* | |
| | | *For >10 To 25, Add* | *472.91* | |
| | | *For >25 To 50, Add* | *339.43* | |
| | | *For >50 To 100, Add* | *169.71* | |
| | | *For >500 To 1,000, Deduct* | *-61.52* | |
| | | *For >1,000 To 2,000, Deduct* | *-93.25* | |
| | | *For >2,000 To 5,000, Deduct* | *-153.09* | |
| | | *For >5,000, Deduct* | *-253.86* | |
| 33 01 30 72-0184 | LF | 27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,326.54 | |
| | | *For Vinlyester Resin, Add* | *867.97* | |
| | | *For Epoxy Resin, Add* | *102.30* | |
| | | *For Up To >10, Add* | *879.75* | |
| | | *For >10 To 25, Add* | *526.46* | |
| | | *For >25 To 50, Add* | *377.88* | |
| | | *For >50 To 100, Add* | *188.94* | |
| | | *For >500 To 1,000, Deduct* | *-68.49* | |
| | | *For >1,000 To 2,000, Deduct* | *-103.82* | |
| | | *For >2,000 To 5,000, Deduct* | *-170.44* | |
| | | *For >5,000, Deduct* | *-282.63* | |
| 33 01 30 72-0185 | LF | 27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,466.36 | |
| | | *For Vinlyester Resin, Add* | *956.33* | |
| | | *For Epoxy Resin, Add* | *112.71* | |
| | | *For Up To >10, Add* | *983.63* | |
| | | *For >10 To 25, Add* | *592.00* | |
| | | *For >25 To 50, Add* | *423.51* | |
| | | *For >50 To 100, Add* | *211.75* | |
| | | *For >500 To 1,000, Deduct* | *-75.82* | |
| | | *For >1,000 To 2,000, Deduct* | *-114.99* | |
| | | *For >2,000 To 5,000, Deduct* | *-188.99* | |
| | | *For >5,000, Deduct* | *-313.31* | |
| 33 01 30 72-0186 | LF | 27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,601.85 | |
| | | *For Vinlyester Resin, Add* | *1,044.69* | |
| | | *For Epoxy Resin, Add* | *123.12* | |
| | | *For Up To >10, Add* | *1,074.53* | |
| | | *For >10 To 25, Add* | *646.70* | |
| | | *For >25 To 50, Add* | *462.64* | |
| | | *For >50 To 100, Add* | *231.32* | |
| | | *For >500 To 1,000, Deduct* | *-82.83* | |
| | | *For >1,000 To 2,000, Deduct* | *-125.61* | |
| | | *For >2,000 To 5,000, Deduct* | *-206.45* | |
| | | *For >5,000, Deduct* | *-342.26* | |
| 33 01 30 72-0187 | LF | 27mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,737.32 | |
| | | *For Vinlyester Resin, Add* | *1,133.05* | |
| | | *For Epoxy Resin, Add* | *133.54* | |
| | | *For Up To >10, Add* | *1,165.36* | |
| | | *For >10 To 25, Add* | *701.36* | |
| | | *For >25 To 50, Add* | *501.75* | |
| | | *For >50 To 100, Add* | *250.87* | |
| | | *For >500 To 1,000, Deduct* | *-89.83* | |
| | | *For >1,000 To 2,000, Deduct* | *-136.23* | |
| | | *For >2,000 To 5,000, Deduct* | *-223.91* | |
| | | *For >5,000, Deduct* | *-371.20* | |
| 33 01 30 72-0188 | LF | 27mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,872.80 | |
| | | *For Vinlyester Resin, Add* | *1,221.41* | |
| | | *For Epoxy Resin, Add* | *143.95* | |
| | | *For Up To >10, Add* | *1,256.23* | |
| | | *For >10 To 25, Add* | *756.04* | |
| | | *For >25 To 50, Add* | *540.87* | |
| | | *For >50 To 100, Add* | *270.43* | |
| | | *For >500 To 1,000, Deduct* | *-96.84* | |
| | | *For >1,000 To 2,000, Deduct* | *-146.86* | |
| | | *For >2,000 To 5,000, Deduct* | *-241.37* | |
| | | *For >5,000, Deduct* | *-400.15* | |

## 33 01 30 72-0189 28.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0190 | LF | 28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 543.01 | |
| | | *For Vinlyester Resin, Add* | *355.64* | |
| | | *For Epoxy Resin, Add* | *41.91* | |
| | | *For Up To >10, Add* | *358.88* | |
| | | *For >10 To 25, Add* | *214.39* | |
| | | *For >25 To 50, Add* | *154.04* | |
| | | *For >50 To 100, Add* | *77.02* | |
| | | *For >500 To 1,000, Deduct* | *-28.02* | |
| | | *For >1,000 To 2,000, Deduct* | *-42.47* | |
| | | *For >2,000 To 5,000, Deduct* | *-69.70* | |
| | | *For >5,000, Deduct* | *-115.59* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0191 | LF | 28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 614.32 | |
| | | *For Vinlyester Resin, Add* | *402.28* | |
| | | *For Epoxy Resin, Add* | *47.41* | |
| | | *For Up To >10, Add* | *406.26* | |
| | | *For >10 To 25, Add* | *242.77* | |
| | | *For >25 To 50, Add* | *174.40* | |
| | | *For >50 To 100, Add* | *87.20* | |
| | | *For >500 To 1,000, Deduct* | *-31.71* | |
| | | *For >1,000 To 2,000, Deduct* | *-48.06* | |
| | | *For >2,000 To 5,000, Deduct* | *-78.87* | |
| | | *For >5,000, Deduct* | *-130.79* | |
| 33 01 30 72-0192 | LF | 28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 685.51 | |
| | | *For Vinlyester Resin, Add* | *448.91* | |
| | | *For Epoxy Resin, Add* | *52.91* | |
| | | *For Up To >10, Add* | *453.28* | |
| | | *For >10 To 25, Add* | *270.85* | |
| | | *For >25 To 50, Add* | *194.58* | |
| | | *For >50 To 100, Add* | *97.29* | |
| | | *For >500 To 1,000, Deduct* | *-35.38* | |
| | | *For >1,000 To 2,000, Deduct* | *-53.62* | |
| | | *For >2,000 To 5,000, Deduct* | *-88.01* | |
| | | *For >5,000, Deduct* | *-145.94* | |
| 33 01 30 72-0193 | LF | 28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 867.27 | |
| | | *For Vinlyester Resin, Add* | *569.75* | |
| | | *For Epoxy Resin, Add* | *67.15* | |
| | | *For Up To >10, Add* | *566.99* | |
| | | *For >10 To 25, Add* | *336.83* | |
| | | *For >25 To 50, Add* | *242.80* | |
| | | *For >50 To 100, Add* | *121.40* | |
| | | *For >500 To 1,000, Deduct* | *-44.70* | |
| | | *For >1,000 To 2,000, Deduct* | *-67.71* | |
| | | *For >2,000 To 5,000, Deduct* | *-111.01* | |
| | | *For >5,000, Deduct* | *-184.12* | |
| 33 01 30 72-0194 | LF | 28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 970.38 | |
| | | *For Vinlyester Resin, Add* | *635.45* | |
| | | *For Epoxy Resin, Add* | *74.89* | |
| | | *For Up To >10, Add* | *641.67* | |
| | | *For >10 To 25, Add* | *383.42* | |
| | | *For >25 To 50, Add* | *275.44* | |
| | | *For >50 To 100, Add* | *137.72* | |
| | | *For >500 To 1,000, Deduct* | *-50.08* | |
| | | *For >1,000 To 2,000, Deduct* | *-75.91* | |
| | | *For >2,000 To 5,000, Deduct* | *-124.58* | |
| | | *For >5,000, Deduct* | *-206.59* | |
| 33 01 30 72-0195 | LF | 28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,112.78 | |
| | | *For Vinlyester Resin, Add* | *728.73* | |
| | | *For Epoxy Resin, Add* | *85.89* | |
| | | *For Up To >10, Add* | *735.74* | |
| | | *For >10 To 25, Add* | *439.61* | |
| | | *For >25 To 50, Add* | *315.82* | |
| | | *For >50 To 100, Add* | *157.91* | |
| | | *For >500 To 1,000, Deduct* | *-57.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-87.05* | |
| | | *For >2,000 To 5,000, Deduct* | *-142.86* | |
| | | *For >5,000, Deduct* | *-236.90* | |
| 33 01 30 72-0196 | LF | 28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,255.16 | |
| | | *For Vinlyester Resin, Add* | *822.00* | |
| | | *For Epoxy Resin, Add* | *96.88* | |
| | | *For Up To >10, Add* | *829.78* | |
| | | *For >10 To 25, Add* | *495.77* | |
| | | *For >25 To 50, Add* | *356.18* | |
| | | *For >50 To 100, Add* | *178.09* | |
| | | *For >500 To 1,000, Deduct* | *-64.78* | |
| | | *For >1,000 To 2,000, Deduct* | *-98.18* | |
| | | *For >2,000 To 5,000, Deduct* | *-161.13* | |
| | | *For >5,000, Deduct* | *-267.21* | |
| 33 01 30 72-0197 | LF | 28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,397.53 | |
| | | *For Vinlyester Resin, Add* | *915.26* | |
| | | *For Epoxy Resin, Add* | *107.87* | |
| | | *For Up To >10, Add* | *923.79* | |
| | | *For >10 To 25, Add* | *551.91* | |
| | | *For >25 To 50, Add* | *396.52* | |
| | | *For >50 To 100, Add* | *198.26* | |
| | | *For >500 To 1,000, Deduct* | *-72.13* | |
| | | *For >1,000 To 2,000, Deduct* | *-109.32* | |
| | | *For >2,000 To 5,000, Deduct* | *-179.40* | |
| | | *For >5,000, Deduct* | *-297.51* | |
| 33 01 30 72-0198 | LF | 28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,544.95 | |
| | | *For Vinlyester Resin, Add* | *1,008.54* | |
| | | *For Epoxy Resin, Add* | *118.86* | |
| | | *For Up To >10, Add* | *1,032.93* | |
| | | *For >10 To 25, Add* | *620.64* | |
| | | *For >25 To 50, Add* | *444.42* | |
| | | *For >50 To 100, Add* | *222.21* | |
| | | *For >500 To 1,000, Deduct* | *-79.85* | |
| | | *For >1,000 To 2,000, Deduct* | *-121.08* | |
| | | *For >2,000 To 5,000, Deduct* | *-198.94* | |
| | | *For >5,000, Deduct* | *-329.83* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0199 | LF | 28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,687.78 | |
| | | *For Vinlyester Resin, Add* | *1,101.81* | |
| | | *For Epoxy Resin, Add* | *129.86* | |
| | | *For Up To >10, Add* | *1,128.32* | |
| | | *For >10 To 25, Add* | *677.93* | |
| | | *For >25 To 50, Add* | *485.46* | |
| | | *For >50 To 100, Add* | *242.73* | |
| | | *For >500 To 1,000, Deduct* | *-87.23* | |
| | | *For >1,000 To 2,000, Deduct* | *-132.27* | |
| | | *For >2,000 To 5,000, Deduct* | *-217.32* | |
| | | *For >5,000, Deduct* | *-360.31* | |
| 33 01 30 72-0200 | LF | 28.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,830.74 | |
| | | *For Vinlyester Resin, Add* | *1,195.08* | |
| | | *For Epoxy Resin, Add* | *140.85* | |
| | | *For Up To >10, Add* | *1,224.07* | |
| | | *For >10 To 25, Add* | *735.52* | |
| | | *For >25 To 50, Add* | *526.67* | |
| | | *For >50 To 100, Add* | *263.34* | |
| | | *For >500 To 1,000, Deduct* | *-94.62* | |
| | | *For >1,000 To 2,000, Deduct* | *-143.48* | |
| | | *For >2,000 To 5,000, Deduct* | *-235.74* | |
| | | *For >5,000, Deduct* | *-390.84* | |
| 33 01 30 72-0201 | LF | 28.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,973.58 | |
| | | *For Vinlyester Resin, Add* | *1,288.35* | |
| | | *For Epoxy Resin, Add* | *151.84* | |
| | | *For Up To >10, Add* | *1,319.49* | |
| | | *For >10 To 25, Add* | *792.83* | |
| | | *For >25 To 50, Add* | *567.72* | |
| | | *For >50 To 100, Add* | *283.86* | |
| | | *For >500 To 1,000, Deduct* | *-102.01* | |
| | | *For >1,000 To 2,000, Deduct* | *-154.67* | |
| | | *For >2,000 To 5,000, Deduct* | *-254.13* | |
| | | *For >5,000, Deduct* | *-421.33* | |

## 33 01 30 72-0202 30mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0203 | LF | 30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 569.63 | |
| | | *For Vinlyester Resin, Add* | *373.39* | |
| | | *For Epoxy Resin, Add* | *44.01* | |
| | | *For Up To >10, Add* | *375.34* | |
| | | *For >10 To 25, Add* | *223.88* | |
| | | *For >25 To 50, Add* | *161.00* | |
| | | *For >50 To 100, Add* | *80.50* | |
| | | *For >500 To 1,000, Deduct* | *-29.39* | |
| | | *For >1,000 To 2,000, Deduct* | *-44.53* | |
| | | *For >2,000 To 5,000, Deduct* | *-73.06* | |
| | | *For >5,000, Deduct* | *-121.17* | |
| 33 01 30 72-0204 | LF | 30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 644.56 | |
| | | *For Vinlyester Resin, Add* | *422.49* | |
| | | *For Epoxy Resin, Add* | *49.79* | |
| | | *For Up To >10, Add* | *424.81* | |
| | | *For >10 To 25, Add* | *253.41* | |
| | | *For >25 To 50, Add* | *182.23* | |
| | | *For >50 To 100, Add* | *91.11* | |
| | | *For >500 To 1,000, Deduct* | *-33.25* | |
| | | *For >1,000 To 2,000, Deduct* | *-50.39* | |
| | | *For >2,000 To 5,000, Deduct* | *-82.68* | |
| | | *For >5,000, Deduct* | *-137.11* | |
| 33 01 30 72-0205 | LF | 30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 719.47 | |
| | | *For Vinlyester Resin, Add* | *471.57* | |
| | | *For Epoxy Resin, Add* | *55.58* | |
| | | *For Up To >10, Add* | *474.24* | |
| | | *For >10 To 25, Add* | *282.92* | |
| | | *For >25 To 50, Add* | *203.43* | |
| | | *For >50 To 100, Add* | *101.72* | |
| | | *For >500 To 1,000, Deduct* | *-37.12* | |
| | | *For >1,000 To 2,000, Deduct* | *-56.25* | |
| | | *For >2,000 To 5,000, Deduct* | *-92.29* | |
| | | *For >5,000, Deduct* | *-153.05* | |
| 33 01 30 72-0206 | LF | 30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 869.22 | |
| | | *For Vinlyester Resin, Add* | *569.75* | |
| | | *For Epoxy Resin, Add* | *67.15* | |
| | | *For Up To >10, Add* | *572.84* | |
| | | *For >10 To 25, Add* | *341.71* | |
| | | *For >25 To 50, Add* | *245.72* | |
| | | *For >50 To 100, Add* | *122.86* | |
| | | *For >500 To 1,000, Deduct* | *-44.84* | |
| | | *For >1,000 To 2,000, Deduct* | *-67.96* | |
| | | *For >2,000 To 5,000, Deduct* | *-111.49* | |
| | | *For >5,000, Deduct* | *-184.90* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0207 | LF | 30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,019.07 | |
| | | *For Vinlyester Resin, Add* | *667.93* | |
| | | *For Epoxy Resin, Add* | *78.72* | |
| | | *For Up To >10, Add* | *671.74* | |
| | | *For >10 To 25, Add* | *400.75* | |
| | | *For >25 To 50, Add* | *288.16* | |
| | | *For >50 To 100, Add* | *144.08* | |
| | | *For >500 To 1,000, Deduct* | *-52.58* | |
| | | *For >1,000 To 2,000, Deduct* | *-79.67* | |
| | | *For >2,000 To 5,000, Deduct* | *-130.72* | |
| | | *For >5,000, Deduct* | *-216.79* | |
| 33 01 30 72-0208 | LF | 30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,168.80 | |
| | | *For Vinlyester Resin, Add* | *766.11* | |
| | | *For Epoxy Resin, Add* | *90.29* | |
| | | *For Up To >10, Add* | *770.30* | |
| | | *For >10 To 25, Add* | *459.51* | |
| | | *For >25 To 50, Add* | *330.43* | |
| | | *For >50 To 100, Add* | *165.21* | |
| | | *For >500 To 1,000, Deduct* | *-60.30* | |
| | | *For >1,000 To 2,000, Deduct* | *-91.38* | |
| | | *For >2,000 To 5,000, Deduct* | *-149.92* | |
| | | *For >5,000, Deduct* | *-248.63* | |
| 33 01 30 72-0209 | LF | 30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,318.66 | |
| | | *For Vinlyester Resin, Add* | *864.29* | |
| | | *For Epoxy Resin, Add* | *101.86* | |
| | | *For Up To >10, Add* | *869.23* | |
| | | *For >10 To 25, Add* | *518.58* | |
| | | *For >25 To 50, Add* | *372.88* | |
| | | *For >50 To 100, Add* | *186.44* | |
| | | *For >500 To 1,000, Deduct* | *-68.03* | |
| | | *For >1,000 To 2,000, Deduct* | *-103.10* | |
| | | *For >2,000 To 5,000, Deduct* | *-169.15* | |
| | | *For >5,000, Deduct* | *-280.52* | |
| 33 01 30 72-0210 | LF | 30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,468.40 | |
| | | *For Vinlyester Resin, Add* | *962.47* | |
| | | *For Epoxy Resin, Add* | *113.43* | |
| | | *For Up To >10, Add* | *967.80* | |
| | | *For >10 To 25, Add* | *577.34* | |
| | | *For >25 To 50, Add* | *415.15* | |
| | | *For >50 To 100, Add* | *207.58* | |
| | | *For >500 To 1,000, Deduct* | *-75.76* | |
| | | *For >1,000 To 2,000, Deduct* | *-114.80* | |
| | | *For >2,000 To 5,000, Deduct* | *-188.36* | |
| | | *For >5,000, Deduct* | *-312.37* | |
| 33 01 30 72-0211 | LF | 30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,623.39 | |
| | | *For Vinlyester Resin, Add* | *1,060.65* | |
| | | *For Epoxy Resin, Add* | *125.01* | |
| | | *For Up To >10, Add* | *1,082.12* | |
| | | *For >10 To 25, Add* | *649.23* | |
| | | *For >25 To 50, Add* | *465.30* | |
| | | *For >50 To 100, Add* | *232.65* | |
| | | *For >500 To 1,000, Deduct* | *-83.87* | |
| | | *For >1,000 To 2,000, Deduct* | *-127.16* | |
| | | *For >2,000 To 5,000, Deduct* | *-208.87* | |
| | | *For >5,000, Deduct* | *-346.31* | |
| 33 01 30 72-0212 | LF | 30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,773.58 | |
| | | *For Vinlyester Resin, Add* | *1,158.83* | |
| | | *For Epoxy Resin, Add* | *136.58* | |
| | | *For Up To >10, Add* | *1,182.07* | |
| | | *For >10 To 25, Add* | *709.14* | |
| | | *For >25 To 50, Add* | *508.26* | |
| | | *For >50 To 100, Add* | *254.13* | |
| | | *For >500 To 1,000, Deduct* | *-91.63* | |
| | | *For >1,000 To 2,000, Deduct* | *-138.92* | |
| | | *For >2,000 To 5,000, Deduct* | *-228.18* | |
| | | *For >5,000, Deduct* | *-378.34* | |
| 33 01 30 72-0213 | LF | 30mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,923.89 | |
| | | *For Vinlyester Resin, Add* | *1,257.01* | |
| | | *For Epoxy Resin, Add* | *148.15* | |
| | | *For Up To >10, Add* | *1,282.35* | |
| | | *For >10 To 25, Add* | *769.33* | |
| | | *For >25 To 50, Add* | *551.39* | |
| | | *For >50 To 100, Add* | *275.69* | |
| | | *For >500 To 1,000, Deduct* | *-99.40* | |
| | | *For >1,000 To 2,000, Deduct* | *-150.70* | |
| | | *For >2,000 To 5,000, Deduct* | *-247.53* | |
| | | *For >5,000, Deduct* | *-410.41* | |
| 33 01 30 72-0214 | LF | 30mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,074.20 | |
| | | *For Vinlyester Resin, Add* | *1,355.19* | |
| | | *For Epoxy Resin, Add* | *159.72* | |
| | | *For Up To >10, Add* | *1,382.63* | |
| | | *For >10 To 25, Add* | *829.52* | |
| | | *For >25 To 50, Add* | *594.51* | |
| | | *For >50 To 100, Add* | *297.26* | |
| | | *For >500 To 1,000, Deduct* | *-107.17* | |
| | | *For >1,000 To 2,000, Deduct* | *-162.48* | |
| | | *For >2,000 To 5,000, Deduct* | *-266.87* | |
| | | *For >5,000, Deduct* | *-442.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0215 | LF | 30mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,224.39 | |
| | | *For Vinlyester Resin, Add* | *1,453.37* | |
| | | *For Epoxy Resin, Add* | *171.29* | |
| | | *For Up To >10, Add* | *1,482.57* | |
| | | *For >10 To 25, Add* | *889.44* | |
| | | *For >25 To 50, Add* | *637.47* | |
| | | *For >50 To 100, Add* | *318.74* | |
| | | *For >500 To 1,000, Deduct* | *-114.92* | |
| | | *For >1,000 To 2,000, Deduct* | *-174.24* | |
| | | *For >2,000 To 5,000, Deduct* | *-286.19* | |
| | | *For >5,000, Deduct* | *-474.51* | |
| 33 01 30 72-0216 | LF | 30mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,374.70 | |
| | | *For Vinlyester Resin, Add* | *1,551.55* | |
| | | *For Epoxy Resin, Add* | *182.86* | |
| | | *For Up To >10, Add* | *1,582.85* | |
| | | *For >10 To 25, Add* | *949.63* | |
| | | *For >25 To 50, Add* | *680.60* | |
| | | *For >50 To 100, Add* | *340.30* | |
| | | *For >500 To 1,000, Deduct* | *-122.69* | |
| | | *For >1,000 To 2,000, Deduct* | *-186.01* | |
| | | *For >2,000 To 5,000, Deduct* | *-305.53* | |
| | | *For >5,000, Deduct* | *-506.58* | |

## 33 01 30 72-0217 31.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0218 | LF | 31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 596.11 | |
| | | *For Vinlyester Resin, Add* | *391.05* | |
| | | *For Epoxy Resin, Add* | *46.09* | |
| | | *For Up To >10, Add* | *391.73* | |
| | | *For >10 To 25, Add* | *233.34* | |
| | | *For >25 To 50, Add* | *167.93* | |
| | | *For >50 To 100, Add* | *83.97* | |
| | | *For >500 To 1,000, Deduct* | *-30.74* | |
| | | *For >1,000 To 2,000, Deduct* | *-46.58* | |
| | | *For >2,000 To 5,000, Deduct* | *-76.40* | |
| | | *For >5,000, Deduct* | *-126.72* | |
| 33 01 30 72-0219 | LF | 31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 674.66 | |
| | | *For Vinlyester Resin, Add* | *442.60* | |
| | | *For Epoxy Resin, Add* | *52.16* | |
| | | *For Up To >10, Add* | *443.28* | |
| | | *For >10 To 25, Add* | *264.02* | |
| | | *For >25 To 50, Add* | *190.03* | |
| | | *For >50 To 100, Add* | *95.01* | |
| | | *For >500 To 1,000, Deduct* | *-34.79* | |
| | | *For >1,000 To 2,000, Deduct* | *-52.72* | |
| | | *For >2,000 To 5,000, Deduct* | *-86.47* | |
| | | *For >5,000, Deduct* | *-143.41* | |
| 33 01 30 72-0220 | LF | 31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 753.20 | |
| | | *For Vinlyester Resin, Add* | *494.14* | |
| | | *For Epoxy Resin, Add* | *58.24* | |
| | | *For Up To >10, Add* | *494.83* | |
| | | *For >10 To 25, Add* | *294.70* | |
| | | *For >25 To 50, Add* | *212.12* | |
| | | *For >50 To 100, Add* | *106.06* | |
| | | *For >500 To 1,000, Deduct* | *-38.84* | |
| | | *For >1,000 To 2,000, Deduct* | *-58.85* | |
| | | *For >2,000 To 5,000, Deduct* | *-96.53* | |
| | | *For >5,000, Deduct* | *-160.10* | |
| 33 01 30 72-0221 | LF | 31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 910.41 | |
| | | *For Vinlyester Resin, Add* | *597.23* | |
| | | *For Epoxy Resin, Add* | *70.39* | |
| | | *For Up To >10, Add* | *598.28* | |
| | | *For >10 To 25, Add* | *356.37* | |
| | | *For >25 To 50, Add* | *256.48* | |
| | | *For >50 To 100, Add* | *128.24* | |
| | | *For >500 To 1,000, Deduct* | *-46.95* | |
| | | *For >1,000 To 2,000, Deduct* | *-71.14* | |
| | | *For >2,000 To 5,000, Deduct* | *-116.69* | |
| | | *For >5,000, Deduct* | *-193.53* | |
| 33 01 30 72-0222 | LF | 31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,067.50 | |
| | | *For Vinlyester Resin, Add* | *700.32* | |
| | | *For Epoxy Resin, Add* | *82.54* | |
| | | *For Up To >10, Add* | *701.38* | |
| | | *For >10 To 25, Add* | *417.74* | |
| | | *For >25 To 50, Add* | *300.67* | |
| | | *For >50 To 100, Add* | *150.33* | |
| | | *For >500 To 1,000, Deduct* | *-55.05* | |
| | | *For >1,000 To 2,000, Deduct* | *-83.42* | |
| | | *For >2,000 To 5,000, Deduct* | *-136.82* | |
| | | *For >5,000, Deduct* | *-226.91* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0223 | LF | 31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,224.71 | |
| | | *For Vinlyester Resin, Add* | *803.40* | |
| | | *For Epoxy Resin, Add* | *94.69* | |
| | | *For Up To >10, Add* | *804.83* | |
| | | *For >10 To 25, Add* | *479.41* | |
| | | *For >25 To 50, Add* | *345.03* | |
| | | *For >50 To 100, Add* | *172.51* | |
| | | *For >500 To 1,000, Deduct* | *-63.16* | |
| | | *For >1,000 To 2,000, Deduct* | *-95.70* | |
| | | *For >2,000 To 5,000, Deduct* | *-156.97* | |
| | | *For >5,000, Deduct* | *-260.34* | |
| 33 01 30 72-0224 | LF | 31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,381.80 | |
| | | *For Vinlyester Resin, Add* | *906.49* | |
| | | *For Epoxy Resin, Add* | *106.84* | |
| | | *For Up To >10, Add* | *907.93* | |
| | | *For >10 To 25, Add* | *540.77* | |
| | | *For >25 To 50, Add* | *389.21* | |
| | | *For >50 To 100, Add* | *194.61* | |
| | | *For >500 To 1,000, Deduct* | *-71.26* | |
| | | *For >1,000 To 2,000, Deduct* | *-107.98* | |
| | | *For >2,000 To 5,000, Deduct* | *-177.10* | |
| | | *For >5,000, Deduct* | *-293.72* | |
| 33 01 30 72-0225 | LF | 31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,538.90 | |
| | | *For Vinlyester Resin, Add* | *1,009.58* | |
| | | *For Epoxy Resin, Add* | *118.99* | |
| | | *For Up To >10, Add* | *1,011.05* | |
| | | *For >10 To 25, Add* | *602.17* | |
| | | *For >25 To 50, Add* | *433.41* | |
| | | *For >50 To 100, Add* | *216.71* | |
| | | *For >500 To 1,000, Deduct* | *-79.36* | |
| | | *For >1,000 To 2,000, Deduct* | *-120.25* | |
| | | *For >2,000 To 5,000, Deduct* | *-197.23* | |
| | | *For >5,000, Deduct* | *-327.11* | |
| 33 01 30 72-0226 | LF | 31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,701.48 | |
| | | *For Vinlyester Resin, Add* | *1,112.67* | |
| | | *For Epoxy Resin, Add* | *131.14* | |
| | | *For Up To >10, Add* | *1,130.62* | |
| | | *For >10 To 25, Add* | *677.26* | |
| | | *For >25 To 50, Add* | *485.83* | |
| | | *For >50 To 100, Add* | *242.92* | |
| | | *For >500 To 1,000, Deduct* | *-87.87* | |
| | | *For >1,000 To 2,000, Deduct* | *-133.21* | |
| | | *For >2,000 To 5,000, Deduct* | *-218.73* | |
| | | *For >5,000, Deduct* | *-362.69* | |
| 33 01 30 72-0227 | LF | 31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,871.11 | |
| | | *For Vinlyester Resin, Add* | *1,224.06* | |
| | | *For Epoxy Resin, Add* | *144.26* | |
| | | *For Up To >10, Add* | *1,241.68* | |
| | | *For >10 To 25, Add* | *743.29* | |
| | | *For >25 To 50, Add* | *533.41* | |
| | | *For >50 To 100, Add* | *266.70* | |
| | | *For >500 To 1,000, Deduct* | *-96.62* | |
| | | *For >1,000 To 2,000, Deduct* | *-146.46* | |
| | | *For >2,000 To 5,000, Deduct* | *-240.45* | |
| | | *For >5,000, Deduct* | *-398.71* | |
| 33 01 30 72-0228 | LF | 31.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,016.68 | |
| | | *For Vinlyester Resin, Add* | *1,318.85* | |
| | | *For Epoxy Resin, Add* | *155.44* | |
| | | *For Up To >10, Add* | *1,339.87* | |
| | | *For >10 To 25, Add* | *802.54* | |
| | | *For >25 To 50, Add* | *575.73* | |
| | | *For >50 To 100, Add* | *287.86* | |
| | | *For >500 To 1,000, Deduct* | *-104.15* | |
| | | *For >1,000 To 2,000, Deduct* | *-157.88* | |
| | | *For >2,000 To 5,000, Deduct* | *-259.24* | |
| | | *For >5,000, Deduct* | *-429.86* | |
| 33 01 30 72-0229 | LF | 31.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,174.36 | |
| | | *For Vinlyester Resin, Add* | *1,421.94* | |
| | | *For Epoxy Resin, Add* | *167.59* | |
| | | *For Up To >10, Add* | *1,444.73* | |
| | | *For >10 To 25, Add* | *865.39* | |
| | | *For >25 To 50, Add* | *620.80* | |
| | | *For >50 To 100, Add* | *310.40* | |
| | | *For >500 To 1,000, Deduct* | *-112.29* | |
| | | *For >1,000 To 2,000, Deduct* | *-170.23* | |
| | | *For >2,000 To 5,000, Deduct* | *-279.52* | |
| | | *For >5,000, Deduct* | *-463.48* | |
| 33 01 30 72-0230 | LF | 31.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,331.90 | |
| | | *For Vinlyester Resin, Add* | *1,525.03* | |
| | | *For Epoxy Resin, Add* | *179.74* | |
| | | *For Up To >10, Add* | *1,549.18* | |
| | | *For >10 To 25, Add* | *927.88* | |
| | | *For >25 To 50, Add* | *665.66* | |
| | | *For >50 To 100, Add* | *332.83* | |
| | | *For >500 To 1,000, Deduct* | *-120.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-182.56* | |
| | | *For >2,000 To 5,000, Deduct* | *-299.76* | |
| | | *For >5,000, Deduct* | *-497.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0231 | LF | 31.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,489.56 | |
| | | *For Vinlyester Resin, Add* | *1,628.12* | |
| | | *For Epoxy Resin, Add* | *191.89* | |
| | | *For Up To >10, Add* | *1,653.98* | |
| | | *For >10 To 25, Add* | *990.67* | |
| | | *For >25 To 50, Add* | *710.70* | |
| | | *For >50 To 100, Add* | *355.35* | |
| | | *For >500 To 1,000, Deduct* | *-128.57* | |
| | | *For >1,000 To 2,000, Deduct* | *-194.90* | |
| | | *For >2,000 To 5,000, Deduct* | *-320.03* | |
| | | *For >5,000, Deduct* | *-530.65* | |

## 33 01 30 72-0232 33mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0233 | LF | 33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 622.34 | |
| | | *For Vinlyester Resin, Add* | *408.61* | |
| | | *For Epoxy Resin, Add* | *48.16* | |
| | | *For Up To >10, Add* | *407.70* | |
| | | *For >10 To 25, Add* | *242.46* | |
| | | *For >25 To 50, Add* | *174.66* | |
| | | *For >50 To 100, Add* | *87.33* | |
| | | *For >500 To 1,000, Deduct* | *-32.08* | |
| | | *For >1,000 To 2,000, Deduct* | *-48.61* | |
| | | *For >2,000 To 5,000, Deduct* | *-79.70* | |
| | | *For >5,000, Deduct* | *-132.19* | |
| 33 01 30 72-0234 | LF | 33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 704.61 | |
| | | *For Vinlyester Resin, Add* | *462.60* | |
| | | *For Epoxy Resin, Add* | *54.52* | |
| | | *For Up To >10, Add* | *461.68* | |
| | | *For >10 To 25, Add* | *274.59* | |
| | | *For >25 To 50, Add* | *197.80* | |
| | | *For >50 To 100, Add* | *98.90* | |
| | | *For >500 To 1,000, Deduct* | *-36.32* | |
| | | *For >1,000 To 2,000, Deduct* | *-55.03* | |
| | | *For >2,000 To 5,000, Deduct* | *-90.24* | |
| | | *For >5,000, Deduct* | *-149.67* | |
| 33 01 30 72-0235 | LF | 33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 786.79 | |
| | | *For Vinlyester Resin, Add* | *516.61* | |
| | | *For Epoxy Resin, Add* | *60.89* | |
| | | *For Up To >10, Add* | *515.35* | |
| | | *For >10 To 25, Add* | *306.45* | |
| | | *For >25 To 50, Add* | *220.77* | |
| | | *For >50 To 100, Add* | *110.39* | |
| | | *For >500 To 1,000, Deduct* | *-40.56* | |
| | | *For >1,000 To 2,000, Deduct* | *-61.45* | |
| | | *For >2,000 To 5,000, Deduct* | *-100.76* | |
| | | *For >5,000, Deduct* | *-167.11* | |
| 33 01 30 72-0236 | LF | 33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 951.34 | |
| | | *For Vinlyester Resin, Add* | *624.60* | |
| | | *For Epoxy Resin, Add* | *73.61* | |
| | | *For Up To >10, Add* | *623.30* | |
| | | *For >10 To 25, Add* | *370.70* | |
| | | *For >25 To 50, Add* | *267.03* | |
| | | *For >50 To 100, Add* | *133.52* | |
| | | *For >500 To 1,000, Deduct* | *-49.04* | |
| | | *For >1,000 To 2,000, Deduct* | *-74.30* | |
| | | *For >2,000 To 5,000, Deduct* | *-121.84* | |
| | | *For >5,000, Deduct* | *-202.08* | |
| 33 01 30 72-0237 | LF | 33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,115.79 | |
| | | *For Vinlyester Resin, Add* | *732.60* | |
| | | *For Epoxy Resin, Add* | *86.34* | |
| | | *For Up To >10, Add* | *730.95* | |
| | | *For >10 To 25, Add* | *434.69* | |
| | | *For >25 To 50, Add* | *313.14* | |
| | | *For >50 To 100, Add* | *156.57* | |
| | | *For >500 To 1,000, Deduct* | *-57.52* | |
| | | *For >1,000 To 2,000, Deduct* | *-87.15* | |
| | | *For >2,000 To 5,000, Deduct* | *-142.89* | |
| | | *For >5,000, Deduct* | *-237.00* | |
| 33 01 30 72-0238 | LF | 33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,280.37 | |
| | | *For Vinlyester Resin, Add* | *840.60* | |
| | | *For Epoxy Resin, Add* | *99.07* | |
| | | *For Up To >10, Add* | *838.96* | |
| | | *For >10 To 25, Add* | *498.99* | |
| | | *For >25 To 50, Add* | *359.44* | |
| | | *For >50 To 100, Add* | *179.72* | |
| | | *For >500 To 1,000, Deduct* | *-66.01* | |
| | | *For >1,000 To 2,000, Deduct* | *-100.00* | |
| | | *For >2,000 To 5,000, Deduct* | *-163.98* | |
| | | *For >5,000, Deduct* | *-271.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0239 | LF | 33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,444.81 | |
| | | *For Vinlyester Resin, Add* | *948.60* | |
| | | *For Epoxy Resin, Add* | *111.80* | |
| | | *For Up To >10, Add* | *946.58* | |
| | | *For >10 To 25, Add* | *562.96* | |
| | | *For >25 To 50, Add* | *405.53* | |
| | | *For >50 To 100, Add* | *202.77* | |
| | | *For >500 To 1,000, Deduct* | *-74.48* | |
| | | *For >1,000 To 2,000, Deduct* | *-112.84* | |
| | | *For >2,000 To 5,000, Deduct* | *-185.03* | |
| | | *For >5,000, Deduct* | *-306.90* | |
| 33 01 30 72-0240 | LF | 33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,609.26 | |
| | | *For Vinlyester Resin, Add* | *1,056.59* | |
| | | *For Epoxy Resin, Add* | *124.53* | |
| | | *For Up To >10, Add* | *1,054.23* | |
| | | *For >10 To 25, Add* | *626.96* | |
| | | *For >25 To 50, Add* | *451.64* | |
| | | *For >50 To 100, Add* | *225.82* | |
| | | *For >500 To 1,000, Deduct* | *-82.96* | |
| | | *For >1,000 To 2,000, Deduct* | *-125.69* | |
| | | *For >2,000 To 5,000, Deduct* | *-206.09* | |
| | | *For >5,000, Deduct* | *-341.82* | |
| 33 01 30 72-0241 | LF | 33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,779.30 | |
| | | *For Vinlyester Resin, Add* | *1,164.59* | |
| | | *For Epoxy Resin, Add* | *137.26* | |
| | | *For Up To >10, Add* | *1,178.65* | |
| | | *For >10 To 25, Add* | *704.93* | |
| | | *For >25 To 50, Add* | *506.14* | |
| | | *For >50 To 100, Add* | *253.07* | |
| | | *For >500 To 1,000, Deduct* | *-91.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-139.23* | |
| | | *For >2,000 To 5,000, Deduct* | *-228.54* | |
| | | *For >5,000, Deduct* | *-378.98* | |
| 33 01 30 72-0242 | LF | 33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,944.67 | |
| | | *For Vinlyester Resin, Add* | *1,272.59* | |
| | | *For Epoxy Resin, Add* | *149.98* | |
| | | *For Up To >10, Add* | *1,289.04* | |
| | | *For >10 To 25, Add* | *771.20* | |
| | | *For >25 To 50, Add* | *553.62* | |
| | | *For >50 To 100, Add* | *276.81* | |
| | | *For >500 To 1,000, Deduct* | *-100.40* | |
| | | *For >1,000 To 2,000, Deduct* | *-152.18* | |
| | | *For >2,000 To 5,000, Deduct* | *-249.83* | |
| | | *For >5,000, Deduct* | *-414.27* | |
| 33 01 30 72-0243 | LF | 33mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,109.23 | |
| | | *For Vinlyester Resin, Add* | *1,380.59* | |
| | | *For Epoxy Resin, Add* | *162.71* | |
| | | *For Up To >10, Add* | *1,397.02* | |
| | | *For >10 To 25, Add* | *835.47* | |
| | | *For >25 To 50, Add* | *599.89* | |
| | | *For >50 To 100, Add* | *299.95* | |
| | | *For >500 To 1,000, Deduct* | *-108.89* | |
| | | *For >1,000 To 2,000, Deduct* | *-165.04* | |
| | | *For >2,000 To 5,000, Deduct* | *-270.91* | |
| | | *For >5,000, Deduct* | *-449.24* | |
| 33 01 30 72-0244 | LF | 33mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,274.25 | |
| | | *For Vinlyester Resin, Add* | *1,488.59* | |
| | | *For Epoxy Resin, Add* | *175.44* | |
| | | *For Up To >10, Add* | *1,506.38* | |
| | | *For >10 To 25, Add* | *900.89* | |
| | | *For >25 To 50, Add* | *646.86* | |
| | | *For >50 To 100, Add* | *323.43* | |
| | | *For >500 To 1,000, Deduct* | *-117.41* | |
| | | *For >1,000 To 2,000, Deduct* | *-177.95* | |
| | | *For >2,000 To 5,000, Deduct* | *-292.11* | |
| | | *For >5,000, Deduct* | *-484.39* | |
| 33 01 30 72-0245 | LF | 33mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,439.27 | |
| | | *For Vinlyester Resin, Add* | *1,596.58* | |
| | | *For Epoxy Resin, Add* | *188.17* | |
| | | *For Up To >10, Add* | *1,615.74* | |
| | | *For >10 To 25, Add* | *966.31* | |
| | | *For >25 To 50, Add* | *693.83* | |
| | | *For >50 To 100, Add* | *346.91* | |
| | | *For >500 To 1,000, Deduct* | *-125.92* | |
| | | *For >1,000 To 2,000, Deduct* | *-190.87* | |
| | | *For >2,000 To 5,000, Deduct* | *-313.31* | |
| | | *For >5,000, Deduct* | *-519.54* | |
| 33 01 30 72-0246 | LF | 33mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,604.28 | |
| | | *For Vinlyester Resin, Add* | *1,704.58* | |
| | | *For Epoxy Resin, Add* | *200.90* | |
| | | *For Up To >10, Add* | *1,725.07* | |
| | | *For >10 To 25, Add* | *1,031.70* | |
| | | *For >25 To 50, Add* | *740.78* | |
| | | *For >50 To 100, Add* | *370.39* | |
| | | *For >500 To 1,000, Deduct* | *-134.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-203.78* | |
| | | *For >2,000 To 5,000, Deduct* | *-334.51* | |
| | | *For >5,000, Deduct* | *-554.69* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0247 | | 34.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)* | | |
| 33 01 30 72-0248 | LF | 34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 734.09 | |
| | | *For Vinlyester Resin, Add* | *482.52* | |
| | | *For Epoxy Resin, Add* | *56.87* | |
| | | *For Up To >10, Add* | *478.97* | |
| | | *For >10 To 25, Add* | *284.26* | |
| | | *For >25 To 50, Add* | *205.02* | |
| | | *For >50 To 100, Add* | *102.51* | |
| | | *For >500 To 1,000, Deduct* | *-37.82* | |
| | | *For >1,000 To 2,000, Deduct* | *-57.30* | |
| | | *For >2,000 To 5,000, Deduct* | *-93.91* | |
| | | *For >5,000, Deduct* | *-155.77* | |
| 33 01 30 72-0249 | LF | 34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 819.99 | |
| | | *For Vinlyester Resin, Add* | *538.97* | |
| | | *For Epoxy Resin, Add* | *63.52* | |
| | | *For Up To >10, Add* | *535.07* | |
| | | *For >10 To 25, Add* | *317.57* | |
| | | *For >25 To 50, Add* | *229.04* | |
| | | *For >50 To 100, Add* | *114.52* | |
| | | *For >500 To 1,000, Deduct* | *-42.25* | |
| | | *For >1,000 To 2,000, Deduct* | *-64.00* | |
| | | *For >2,000 To 5,000, Deduct* | *-104.90* | |
| | | *For >5,000, Deduct* | *-174.00* | |
| 33 01 30 72-0250 | LF | 34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 991.81 | |
| | | *For Vinlyester Resin, Add* | *651.88* | |
| | | *For Epoxy Resin, Add* | *76.83* | |
| | | *For Up To >10, Add* | *647.28* | |
| | | *For >10 To 25, Add* | *384.19* | |
| | | *For >25 To 50, Add* | *277.08* | |
| | | *For >50 To 100, Add* | *138.54* | |
| | | *For >500 To 1,000, Deduct* | *-51.10* | |
| | | *For >1,000 To 2,000, Deduct* | *-77.41* | |
| | | *For >2,000 To 5,000, Deduct* | *-126.89* | |
| | | *For >5,000, Deduct* | *-210.47* | |
| 33 01 30 72-0251 | LF | 34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,163.49 | |
| | | *For Vinlyester Resin, Add* | *764.79* | |
| | | *For Epoxy Resin, Add* | *90.14* | |
| | | *For Up To >10, Add* | *759.10* | |
| | | *For >10 To 25, Add* | *450.49* | |
| | | *For >25 To 50, Add* | *324.92* | |
| | | *For >50 To 100, Add* | *162.46* | |
| | | *For >500 To 1,000, Deduct* | *-59.95* | |
| | | *For >1,000 To 2,000, Deduct* | *-90.81* | |
| | | *For >2,000 To 5,000, Deduct* | *-148.84* | |
| | | *For >5,000, Deduct* | *-246.89* | |
| 33 01 30 72-0252 | LF | 34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,335.29 | |
| | | *For Vinlyester Resin, Add* | *877.70* | |
| | | *For Epoxy Resin, Add* | *103.44* | |
| | | *For Up To >10, Add* | *871.25* | |
| | | *For >10 To 25, Add* | *517.06* | |
| | | *For >25 To 50, Add* | *372.93* | |
| | | *For >50 To 100, Add* | *186.47* | |
| | | *For >500 To 1,000, Deduct* | *-68.80* | |
| | | *For >1,000 To 2,000, Deduct* | *-104.22* | |
| | | *For >2,000 To 5,000, Deduct* | *-170.82* | |
| | | *For >5,000, Deduct* | *-283.35* | |
| 33 01 30 72-0253 | LF | 34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,506.99 | |
| | | *For Vinlyester Resin, Add* | *990.61* | |
| | | *For Epoxy Resin, Add* | *116.75* | |
| | | *For Up To >10, Add* | *983.10* | |
| | | *For >10 To 25, Add* | *583.39* | |
| | | *For >25 To 50, Add* | *420.79* | |
| | | *For >50 To 100, Add* | *210.40* | |
| | | *For >500 To 1,000, Deduct* | *-77.65* | |
| | | *For >1,000 To 2,000, Deduct* | *-117.62* | |
| | | *For >2,000 To 5,000, Deduct* | *-192.78* | |
| | | *For >5,000, Deduct* | *-319.77* | |
| 33 01 30 72-0254 | LF | 34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,678.79 | |
| | | *For Vinlyester Resin, Add* | *1,103.51* | |
| | | *For Epoxy Resin, Add* | *130.06* | |
| | | *For Up To >10, Add* | *1,095.27* | |
| | | *For >10 To 25, Add* | *649.99* | |
| | | *For >25 To 50, Add* | *468.81* | |
| | | *For >50 To 100, Add* | *234.41* | |
| | | *For >500 To 1,000, Deduct* | *-86.50* | |
| | | *For >1,000 To 2,000, Deduct* | *-131.03* | |
| | | *For >2,000 To 5,000, Deduct* | *-214.76* | |
| | | *For >5,000, Deduct* | *-356.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0255 | LF | 34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,856.20 | |
| | | *For Vinlyester Resin, Add* | *1,216.42* | |
| | | *For Epoxy Resin, Add* | *143.36* | |
| | | *For Up To >10, Add* | *1,224.25* | |
| | | *For >10 To 25, Add* | *730.59* | |
| | | *For >25 To 50, Add* | *525.24* | |
| | | *For >50 To 100, Add* | *262.62* | |
| | | *For >500 To 1,000, Deduct* | *-95.77* | |
| | | *For >1,000 To 2,000, Deduct* | *-145.14* | |
| | | *For >2,000 To 5,000, Deduct* | *-238.14* | |
| | | *For >5,000, Deduct* | *-394.93* | |
| 33 01 30 72-0256 | LF | 34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,028.68 | |
| | | *For Vinlyester Resin, Add* | *1,329.32* | |
| | | *For Epoxy Resin, Add* | *156.67* | |
| | | *For Up To >10, Add* | *1,338.47* | |
| | | *For >10 To 25, Add* | *798.88* | |
| | | *For >25 To 50, Add* | *574.28* | |
| | | *For >50 To 100, Add* | *287.14* | |
| | | *For >500 To 1,000, Deduct* | *-104.68* | |
| | | *For >1,000 To 2,000, Deduct* | *-158.63* | |
| | | *For >2,000 To 5,000, Deduct* | *-260.30* | |
| | | *For >5,000, Deduct* | *-431.67* | |
| 33 01 30 72-0257 | LF | 34.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,198.89 | |
| | | *For Vinlyester Resin, Add* | *1,442.23* | |
| | | *For Epoxy Resin, Add* | *169.98* | |
| | | *For Up To >10, Add* | *1,445.85* | |
| | | *For >10 To 25, Add* | *861.48* | |
| | | *For >25 To 50, Add* | *619.91* | |
| | | *For >50 To 100, Add* | *309.95* | |
| | | *For >500 To 1,000, Deduct* | *-113.41* | |
| | | *For >1,000 To 2,000, Deduct* | *-171.84* | |
| | | *For >2,000 To 5,000, Deduct* | *-281.88* | |
| | | *For >5,000, Deduct* | *-467.49* | |
| 33 01 30 72-0258 | LF | 34.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,373.08 | |
| | | *For Vinlyester Resin, Add* | *1,555.13* | |
| | | *For Epoxy Resin, Add* | *183.28* | |
| | | *For Up To >10, Add* | *1,565.19* | |
| | | *For >10 To 25, Add* | *934.06* | |
| | | *For >25 To 50, Add* | *671.51* | |
| | | *For >50 To 100, Add* | *335.76* | |
| | | *For >500 To 1,000, Deduct* | *-122.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-185.55* | |
| | | *For >2,000 To 5,000, Deduct* | *-304.46* | |
| | | *For >5,000, Deduct* | *-504.91* | |
| 33 01 30 72-0259 | LF | 34.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,545.35 | |
| | | *For Vinlyester Resin, Add* | *1,668.04* | |
| | | *For Epoxy Resin, Add* | *196.59* | |
| | | *For Up To >10, Add* | *1,678.75* | |
| | | *For >10 To 25, Add* | *1,001.81* | |
| | | *For >25 To 50, Add* | *720.23* | |
| | | *For >50 To 100, Add* | *360.11* | |
| | | *For >500 To 1,000, Deduct* | *-131.33* | |
| | | *For >1,000 To 2,000, Deduct* | *-199.02* | |
| | | *For >2,000 To 5,000, Deduct* | *-326.56* | |
| | | *For >5,000, Deduct* | *-541.56* | |
| 33 01 30 72-0260 | LF | 34.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,717.61 | |
| | | *For Vinlyester Resin, Add* | *1,780.95* | |
| | | *For Epoxy Resin, Add* | *209.90* | |
| | | *For Up To >10, Add* | *1,792.31* | |
| | | *For >10 To 25, Add* | *1,069.55* | |
| | | *For >25 To 50, Add* | *768.94* | |
| | | *For >50 To 100, Add* | *384.47* | |
| | | *For >500 To 1,000, Deduct* | *-140.22* | |
| | | *For >1,000 To 2,000, Deduct* | *-212.49* | |
| | | *For >2,000 To 5,000, Deduct* | *-348.66* | |
| | | *For >5,000, Deduct* | *-578.20* | |

## 33 01 30 72-0261 36mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0262 | LF | 36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 763.43 | |
| | | *For Vinlyester Resin, Add* | *502.34* | |
| | | *For Epoxy Resin, Add* | *59.20* | |
| | | *For Up To >10, Add* | *496.22* | |
| | | *For >10 To 25, Add* | *293.91* | |
| | | *For >25 To 50, Add* | *212.23* | |
| | | *For >50 To 100, Add* | *106.11* | |
| | | *For >500 To 1,000, Deduct* | *-39.32* | |
| | | *For >1,000 To 2,000, Deduct* | *-59.55* | |
| | | *For >2,000 To 5,000, Deduct* | *-97.57* | |
| | | *For >5,000, Deduct* | *-161.85* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0263 | LF | 36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 852.95 | |
| | | *For Vinlyester Resin, Add* | *561.25* | |
| | | *For Epoxy Resin, Add* | *66.15* | |
| | | *For Up To >10, Add* | *554.40* | |
| | | *For >10 To 25, Add* | *328.37* | |
| | | *For >25 To 50, Add* | *237.11* | |
| | | *For >50 To 100, Add* | *118.56* | |
| | | *For >500 To 1,000, Deduct* | *-43.93* | |
| | | *For >1,000 To 2,000, Deduct* | *-66.53* | |
| | | *For >2,000 To 5,000, Deduct* | *-109.01* | |
| | | *For >5,000, Deduct* | *-180.82* | |
| 33 01 30 72-0264 | LF | 36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,032.00 | |
| | | *For Vinlyester Resin, Add* | *679.06* | |
| | | *For Epoxy Resin, Add* | *80.03* | |
| | | *For Up To >10, Add* | *670.78* | |
| | | *For >10 To 25, Add* | *397.30* | |
| | | *For >25 To 50, Add* | *286.88* | |
| | | *For >50 To 100, Add* | *143.44* | |
| | | *For >500 To 1,000, Deduct* | *-53.15* | |
| | | *For >1,000 To 2,000, Deduct* | *-80.50* | |
| | | *For >2,000 To 5,000, Deduct* | *-131.89* | |
| | | *For >5,000, Deduct* | *-218.78* | |
| 33 01 30 72-0265 | LF | 36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,211.04 | |
| | | *For Vinlyester Resin, Add* | *796.88* | |
| | | *For Epoxy Resin, Add* | *93.92* | |
| | | *For Up To >10, Add* | *787.12* | |
| | | *For >10 To 25, Add* | *466.20* | |
| | | *For >25 To 50, Add* | *336.64* | |
| | | *For >50 To 100, Add* | *168.32* | |
| | | *For >500 To 1,000, Deduct* | *-62.37* | |
| | | *For >1,000 To 2,000, Deduct* | *-94.46* | |
| | | *For >2,000 To 5,000, Deduct* | *-154.77* | |
| | | *For >5,000, Deduct* | *-256.74* | |
| 33 01 30 72-0266 | LF | 36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,389.98 | |
| | | *For Vinlyester Resin, Add* | *914.70* | |
| | | *For Epoxy Resin, Add* | *107.80* | |
| | | *For Up To >10, Add* | *903.17* | |
| | | *For >10 To 25, Add* | *534.85* | |
| | | *For >25 To 50, Add* | *386.25* | |
| | | *For >50 To 100, Add* | *193.12* | |
| | | *For >500 To 1,000, Deduct* | *-71.58* | |
| | | *For >1,000 To 2,000, Deduct* | *-108.41* | |
| | | *For >2,000 To 5,000, Deduct* | *-177.62* | |
| | | *For >5,000, Deduct* | *-294.65* | |
| 33 01 30 72-0267 | LF | 36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,569.03 | |
| | | *For Vinlyester Resin, Add* | *1,032.51* | |
| | | *For Epoxy Resin, Add* | *121.69* | |
| | | *For Up To >10, Add* | *1,019.54* | |
| | | *For >10 To 25, Add* | *603.78* | |
| | | *For >25 To 50, Add* | *436.02* | |
| | | *For >50 To 100, Add* | *218.01* | |
| | | *For >500 To 1,000, Deduct* | *-80.80* | |
| | | *For >1,000 To 2,000, Deduct* | *-122.38* | |
| | | *For >2,000 To 5,000, Deduct* | *-200.50* | |
| | | *For >5,000, Deduct* | *-332.61* | |
| 33 01 30 72-0268 | LF | 36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,748.07 | |
| | | *For Vinlyester Resin, Add* | *1,150.33* | |
| | | *For Epoxy Resin, Add* | *135.57* | |
| | | *For Up To >10, Add* | *1,135.89* | |
| | | *For >10 To 25, Add* | *672.68* | |
| | | *For >25 To 50, Add* | *485.78* | |
| | | *For >50 To 100, Add* | *242.89* | |
| | | *For >500 To 1,000, Deduct* | *-90.02* | |
| | | *For >1,000 To 2,000, Deduct* | *-136.34* | |
| | | *For >2,000 To 5,000, Deduct* | *-223.38* | |
| | | *For >5,000, Deduct* | *-370.56* | |
| 33 01 30 72-0269 | LF | 36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,932.94 | |
| | | *For Vinlyester Resin, Add* | *1,268.14* | |
| | | *For Epoxy Resin, Add* | *149.46* | |
| | | *For Up To >10, Add* | *1,269.75* | |
| | | *For >10 To 25, Add* | *756.18* | |
| | | *For >25 To 50, Add* | *544.29* | |
| | | *For >50 To 100, Add* | *272.15* | |
| | | *For >500 To 1,000, Deduct* | *-99.68* | |
| | | *For >1,000 To 2,000, Deduct* | *-151.04* | |
| | | *For >2,000 To 5,000, Deduct* | *-247.72* | |
| | | *For >5,000, Deduct* | *-410.85* | |
| 33 01 30 72-0270 | LF | 36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,112.55 | |
| | | *For Vinlyester Resin, Add* | *1,385.96* | |
| | | *For Epoxy Resin, Add* | *163.35* | |
| | | *For Up To >10, Add* | *1,387.80* | |
| | | *For >10 To 25, Add* | *826.51* | |
| | | *For >25 To 50, Add* | *594.90* | |
| | | *For >50 To 100, Add* | *297.45* | |
| | | *For >500 To 1,000, Deduct* | *-108.94* | |
| | | *For >1,000 To 2,000, Deduct* | *-165.07* | |
| | | *For >2,000 To 5,000, Deduct* | *-270.75* | |
| | | *For >5,000, Deduct* | *-449.03* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0271 | LF | 36mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,288.29 | |
| | | *For Vinlyester Resin, Add* | *1,503.78* | |
| | | *For Epoxy Resin, Add* | *177.23* | |
| | | *For Up To >10, Add* | *1,494.25* | |
| | | *For >10 To 25, Add* | *887.16* | |
| | | *For >25 To 50, Add* | *639.71* | |
| | | *For >50 To 100, Add* | *319.86* | |
| | | *For >500 To 1,000, Deduct* | *-117.92* | |
| | | *For >1,000 To 2,000, Deduct* | *-178.62* | |
| | | *For >2,000 To 5,000, Deduct* | *-292.80* | |
| | | *For >5,000, Deduct* | *-485.67* | |
| 33 01 30 72-0272 | LF | 36mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,471.68 | |
| | | *For Vinlyester Resin, Add* | *1,621.59* | |
| | | *For Epoxy Resin, Add* | *191.12* | |
| | | *For Up To >10, Add* | *1,623.64* | |
| | | *For >10 To 25, Add* | *966.94* | |
| | | *For >25 To 50, Add* | *695.99* | |
| | | *For >50 To 100, Add* | *348.00* | |
| | | *For >500 To 1,000, Deduct* | *-127.46* | |
| | | *For >1,000 To 2,000, Deduct* | *-193.13* | |
| | | *For >2,000 To 5,000, Deduct* | *-316.77* | |
| | | *For >5,000, Deduct* | *-525.36* | |
| 33 01 30 72-0273 | LF | 36mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,651.30 | |
| | | *For Vinlyester Resin, Add* | *1,739.41* | |
| | | *For Epoxy Resin, Add* | *205.00* | |
| | | *For Up To >10, Add* | *1,741.73* | |
| | | *For >10 To 25, Add* | *1,037.29* | |
| | | *For >25 To 50, Add* | *746.62* | |
| | | *For >50 To 100, Add* | *373.31* | |
| | | *For >500 To 1,000, Deduct* | *-136.73* | |
| | | *For >1,000 To 2,000, Deduct* | *-207.17* | |
| | | *For >2,000 To 5,000, Deduct* | *-339.79* | |
| | | *For >5,000, Deduct* | *-563.55* | |
| 33 01 30 72-0274 | LF | 36mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,830.91 | |
| | | *For Vinlyester Resin, Add* | *1,857.22* | |
| | | *For Epoxy Resin, Add* | *218.89* | |
| | | *For Up To >10, Add* | *1,859.81* | |
| | | *For >10 To 25, Add* | *1,107.64* | |
| | | *For >25 To 50, Add* | *797.24* | |
| | | *For >50 To 100, Add* | *398.62* | |
| | | *For >500 To 1,000, Deduct* | *-145.99* | |
| | | *For >1,000 To 2,000, Deduct* | *-221.21* | |
| | | *For >2,000 To 5,000, Deduct* | *-362.82* | |
| | | *For >5,000, Deduct* | *-601.73* | |
| 33 01 30 72-0275 | LF | 36mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,010.41 | |
| | | *For Vinlyester Resin, Add* | *1,975.04* | |
| | | *For Epoxy Resin, Add* | *232.77* | |
| | | *For Up To >10, Add* | *1,977.53* | |
| | | *For >10 To 25, Add* | *1,177.70* | |
| | | *For >25 To 50, Add* | *847.69* | |
| | | *For >50 To 100, Add* | *423.85* | |
| | | *For >500 To 1,000, Deduct* | *-155.24* | |
| | | *For >1,000 To 2,000, Deduct* | *-235.23* | |
| | | *For >2,000 To 5,000, Deduct* | *-385.81* | |
| | | *For >5,000, Deduct* | *-639.87* | |
| 33 01 30 72-0276 | LF | 36mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,190.03 | |
| | | *For Vinlyester Resin, Add* | *2,092.85* | |
| | | *For Epoxy Resin, Add* | *246.66* | |
| | | *For Up To >10, Add* | *2,095.62* | |
| | | *For >10 To 25, Add* | *1,248.05* | |
| | | *For >25 To 50, Add* | *898.32* | |
| | | *For >50 To 100, Add* | *449.16* | |
| | | *For >500 To 1,000, Deduct* | *-164.51* | |
| | | *For >1,000 To 2,000, Deduct* | *-249.26* | |
| | | *For >2,000 To 5,000, Deduct* | *-408.83* | |
| | | *For >5,000, Deduct* | *-678.05* | |

## 33 01 30 72-0277 37.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0278 | LF | 37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 885.66 | |
| | | *For Vinlyester Resin, Add* | *583.42* | |
| | | *For Epoxy Resin, Add* | *68.76* | |
| | | *For Up To >10, Add* | *573.33* | |
| | | *For >10 To 25, Add* | *338.87* | |
| | | *For >25 To 50, Add* | *244.99* | |
| | | *For >50 To 100, Add* | *122.50* | |
| | | *For >500 To 1,000, Deduct* | *-45.59* | |
| | | *For >1,000 To 2,000, Deduct* | *-69.03* | |
| | | *For >2,000 To 5,000, Deduct* | *-113.07* | |
| | | *For >5,000, Deduct* | *-187.57* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0279 | LF | 37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,071.96 | |
| | | *For Vinlyester Resin, Add* | *706.15* | |
| | | *For Epoxy Resin, Add* | *83.23* | |
| | | *For Up To >10, Add* | *693.91* | |
| | | *For >10 To 25, Add* | *410.12* | |
| | | *For >25 To 50, Add* | *296.51* | |
| | | *For >50 To 100, Add* | *148.26* | |
| | | *For >500 To 1,000, Deduct* | *-55.18* | |
| | | *For >1,000 To 2,000, Deduct* | *-83.56* | |
| | | *For >2,000 To 5,000, Deduct* | *-136.85* | |
| | | *For >5,000, Deduct* | *-227.03* | |
| 33 01 30 72-0280 | LF | 37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,258.25 | |
| | | *For Vinlyester Resin, Add* | *828.88* | |
| | | *For Epoxy Resin, Add* | *97.69* | |
| | | *For Up To >10, Add* | *814.48* | |
| | | *For >10 To 25, Add* | *481.38* | |
| | | *For >25 To 50, Add* | *348.03* | |
| | | *For >50 To 100, Add* | *174.02* | |
| | | *For >500 To 1,000, Deduct* | *-64.77* | |
| | | *For >1,000 To 2,000, Deduct* | *-98.08* | |
| | | *For >2,000 To 5,000, Deduct* | *-160.63* | |
| | | *For >5,000, Deduct* | *-266.48* | |
| 33 01 30 72-0281 | LF | 37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,444.53 | |
| | | *For Vinlyester Resin, Add* | *951.60* | |
| | | *For Epoxy Resin, Add* | *112.15* | |
| | | *For Up To >10, Add* | *935.02* | |
| | | *For >10 To 25, Add* | *552.61* | |
| | | *For >25 To 50, Add* | *399.54* | |
| | | *For >50 To 100, Add* | *199.77* | |
| | | *For >500 To 1,000, Deduct* | *-74.35* | |
| | | *For >1,000 To 2,000, Deduct* | *-112.59* | |
| | | *For >2,000 To 5,000, Deduct* | *-184.41* | |
| | | *For >5,000, Deduct* | *-305.93* | |
| 33 01 30 72-0282 | LF | 37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,630.81 | |
| | | *For Vinlyester Resin, Add* | *1,074.33* | |
| | | *For Epoxy Resin, Add* | *126.62* | |
| | | *For Up To >10, Add* | *1,055.56* | |
| | | *For >10 To 25, Add* | *623.84* | |
| | | *For >25 To 50, Add* | *451.04* | |
| | | *For >50 To 100, Add* | *225.52* | |
| | | *For >500 To 1,000, Deduct* | *-83.94* | |
| | | *For >1,000 To 2,000, Deduct* | *-127.11* | |
| | | *For >2,000 To 5,000, Deduct* | *-208.19* | |
| | | *For >5,000, Deduct* | *-345.37* | |
| 33 01 30 72-0283 | LF | 37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,817.10 | |
| | | *For Vinlyester Resin, Add* | *1,197.05* | |
| | | *For Epoxy Resin, Add* | *141.08* | |
| | | *For Up To >10, Add* | *1,176.13* | |
| | | *For >10 To 25, Add* | *695.09* | |
| | | *For >25 To 50, Add* | *502.56* | |
| | | *For >50 To 100, Add* | *251.28* | |
| | | *For >500 To 1,000, Deduct* | *-93.53* | |
| | | *For >1,000 To 2,000, Deduct* | *-141.63* | |
| | | *For >2,000 To 5,000, Deduct* | *-231.97* | |
| | | *For >5,000, Deduct* | *-384.83* | |
| 33 01 30 72-0284 | LF | 37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,009.33 | |
| | | *For Vinlyester Resin, Add* | *1,319.77* | |
| | | *For Epoxy Resin, Add* | *155.54* | |
| | | *For Up To >10, Add* | *1,314.52* | |
| | | *For >10 To 25, Add* | *781.20* | |
| | | *For >25 To 50, Add* | *562.99* | |
| | | *For >50 To 100, Add* | *281.49* | |
| | | *For >500 To 1,000, Deduct* | *-103.57* | |
| | | *For >1,000 To 2,000, Deduct* | *-156.90* | |
| | | *For >2,000 To 5,000, Deduct* | *-257.23* | |
| | | *For >5,000, Deduct* | *-426.65* | |
| 33 01 30 72-0285 | LF | 37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,196.18 | |
| | | *For Vinlyester Resin, Add* | *1,442.50* | |
| | | *For Epoxy Resin, Add* | *170.01* | |
| | | *For Up To >10, Add* | *1,436.77* | |
| | | *For >10 To 25, Add* | *853.85* | |
| | | *For >25 To 50, Add* | *615.35* | |
| | | *For >50 To 100, Add* | *307.67* | |
| | | *For >500 To 1,000, Deduct* | *-113.20* | |
| | | *For >1,000 To 2,000, Deduct* | *-171.49* | |
| | | *For >2,000 To 5,000, Deduct* | *-281.15* | |
| | | *For >5,000, Deduct* | *-466.33* | |
| 33 01 30 72-0286 | LF | 37.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,381.10 | |
| | | *For Vinlyester Resin, Add* | *1,565.22* | |
| | | *For Epoxy Resin, Add* | *184.47* | |
| | | *For Up To >10, Add* | *1,553.23* | |
| | | *For >10 To 25, Add* | *921.68* | |
| | | *For >25 To 50, Add* | *664.81* | |
| | | *For >50 To 100, Add* | *332.41* | |
| | | *For >500 To 1,000, Deduct* | *-122.68* | |
| | | *For >1,000 To 2,000, Deduct* | *-185.84* | |
| | | *For >2,000 To 5,000, Deduct* | *-304.59* | |
| | | *For >5,000, Deduct* | *-505.23* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0287 | LF | 37.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,569.91 | |
| | | *For Vinlyester Resin, Add* | *1,687.95* | |
| | | *For Epoxy Resin, Add* | *198.94* | |
| | | *For Up To >10, Add* | *1,681.33* | |
| | | *For >10 To 25, Add* | *999.22* | |
| | | *For >25 To 50, Add* | *720.10* | |
| | | *For >50 To 100, Add* | *360.05* | |
| | | *For >500 To 1,000, Deduct* | *-132.46* | |
| | | *For >1,000 To 2,000, Deduct* | *-200.67* | |
| | | *For >2,000 To 5,000, Deduct* | *-329.00* | |
| | | *For >5,000, Deduct* | *-545.69* | |
| 33 01 30 72-0288 | LF | 37.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,756.76 | |
| | | *For Vinlyester Resin, Add* | *1,810.68* | |
| | | *For Epoxy Resin, Add* | *213.40* | |
| | | *For Up To >10, Add* | *1,803.58* | |
| | | *For >10 To 25, Add* | *1,071.87* | |
| | | *For >25 To 50, Add* | *772.46* | |
| | | *For >50 To 100, Add* | *386.23* | |
| | | *For >500 To 1,000, Deduct* | *-142.09* | |
| | | *For >1,000 To 2,000, Deduct* | *-215.26* | |
| | | *For >2,000 To 5,000, Deduct* | *-352.92* | |
| | | *For >5,000, Deduct* | *-585.37* | |
| 33 01 30 72-0289 | LF | 37.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,943.50 | |
| | | *For Vinlyester Resin, Add* | *1,933.40* | |
| | | *For Epoxy Resin, Add* | *227.87* | |
| | | *For Up To >10, Add* | *1,925.50* | |
| | | *For >10 To 25, Add* | *1,144.25* | |
| | | *For >25 To 50, Add* | *824.65* | |
| | | *For >50 To 100, Add* | *412.33* | |
| | | *For >500 To 1,000, Deduct* | *-151.71* | |
| | | *For >1,000 To 2,000, Deduct* | *-229.84* | |
| | | *For >2,000 To 5,000, Deduct* | *-376.82* | |
| | | *For >5,000, Deduct* | *-625.00* | |
| 33 01 30 72-0290 | LF | 37.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,130.37 | |
| | | *For Vinlyester Resin, Add* | *2,056.12* | |
| | | *For Epoxy Resin, Add* | *242.33* | |
| | | *For Up To >10, Add* | *2,047.81* | |
| | | *For >10 To 25, Add* | *1,216.96* | |
| | | *For >25 To 50, Add* | *877.04* | |
| | | *For >50 To 100, Add* | *438.52* | |
| | | *For >500 To 1,000, Deduct* | *-161.34* | |
| | | *For >1,000 To 2,000, Deduct* | *-244.43* | |
| | | *For >2,000 To 5,000, Deduct* | *-400.74* | |
| | | *For >5,000, Deduct* | *-664.68* | |
| 33 01 30 72-0291 | LF | 37.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,317.22 | |
| | | *For Vinlyester Resin, Add* | *2,178.85* | |
| | | *For Epoxy Resin, Add* | *256.79* | |
| | | *For Up To >10, Add* | *2,170.06* | |
| | | *For >10 To 25, Add* | *1,289.61* | |
| | | *For >25 To 50, Add* | *929.40* | |
| | | *For >50 To 100, Add* | *464.70* | |
| | | *For >500 To 1,000, Deduct* | *-170.98* | |
| | | *For >1,000 To 2,000, Deduct* | *-259.02* | |
| | | *For >2,000 To 5,000, Deduct* | *-424.66* | |
| | | *For >5,000, Deduct* | *-704.36* | |

## 33 01 30 72-0292 39mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0293 | LF | 39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,111.76 | |
| | | *For Vinlyester Resin, Add* | *733.14* | |
| | | *For Epoxy Resin, Add* | *86.41* | |
| | | *For Up To >10, Add* | *716.93* | |
| | | *For >10 To 25, Add* | *422.89* | |
| | | *For >25 To 50, Add* | *306.10* | |
| | | *For >50 To 100, Add* | *153.05* | |
| | | *For >500 To 1,000, Deduct* | *-57.20* | |
| | | *For >1,000 To 2,000, Deduct* | *-86.60* | |
| | | *For >2,000 To 5,000, Deduct* | *-141.79* | |
| | | *For >5,000, Deduct* | *-235.24* | |
| 33 01 30 72-0294 | LF | 39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,305.30 | |
| | | *For Vinlyester Resin, Add* | *860.78* | |
| | | *For Epoxy Resin, Add* | *101.45* | |
| | | *For Up To >10, Add* | *841.70* | |
| | | *For >10 To 25, Add* | *496.47* | |
| | | *For >25 To 50, Add* | *359.37* | |
| | | *For >50 To 100, Add* | *179.68* | |
| | | *For >500 To 1,000, Deduct* | *-67.16* | |
| | | *For >1,000 To 2,000, Deduct* | *-101.68* | |
| | | *For >2,000 To 5,000, Deduct* | *-166.47* | |
| | | *For >5,000, Deduct* | *-276.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0295 | LF | 39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,498.82 | |
| | | *For Vinlyester Resin, Add* | *988.41* | |
| | | *For Epoxy Resin, Add* | *116.49* | |
| | | *For Up To >10, Add* | *966.44* | |
| | | *For >10 To 25, Add* | *570.03* | |
| | | *For >25 To 50, Add* | *412.62* | |
| | | *For >50 To 100, Add* | *206.31* | |
| | | *For >500 To 1,000, Deduct* | *-77.11* | |
| | | *For >1,000 To 2,000, Deduct* | *-116.75* | |
| | | *For >2,000 To 5,000, Deduct* | *-191.14* | |
| | | *For >5,000, Deduct* | *-317.13* | |
| 33 01 30 72-0296 | LF | 39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,692.35 | |
| | | *For Vinlyester Resin, Add* | *1,116.04* | |
| | | *For Epoxy Resin, Add* | *131.53* | |
| | | *For Up To >10, Add* | *1,091.20* | |
| | | *For >10 To 25, Add* | *643.61* | |
| | | *For >25 To 50, Add* | *465.88* | |
| | | *For >50 To 100, Add* | *232.94* | |
| | | *For >500 To 1,000, Deduct* | *-87.07* | |
| | | *For >1,000 To 2,000, Deduct* | *-131.83* | |
| | | *For >2,000 To 5,000, Deduct* | *-215.82* | |
| | | *For >5,000, Deduct* | *-358.07* | |
| 33 01 30 72-0297 | LF | 39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,885.99 | |
| | | *For Vinlyester Resin, Add* | *1,243.68* | |
| | | *For Epoxy Resin, Add* | *146.58* | |
| | | *For Up To >10, Add* | *1,216.27* | |
| | | *For >10 To 25, Add* | *717.45* | |
| | | *For >25 To 50, Add* | *519.30* | |
| | | *For >50 To 100, Add* | *259.65* | |
| | | *For >500 To 1,000, Deduct* | *-97.03* | |
| | | *For >1,000 To 2,000, Deduct* | *-146.91* | |
| | | *For >2,000 To 5,000, Deduct* | *-240.53* | |
| | | *For >5,000, Deduct* | *-399.06* | |
| 33 01 30 72-0298 | LF | 39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,085.47 | |
| | | *For Vinlyester Resin, Add* | *1,371.31* | |
| | | *For Epoxy Resin, Add* | *161.62* | |
| | | *For Up To >10, Add* | *1,358.86* | |
| | | *For >10 To 25, Add* | *805.88* | |
| | | *For >25 To 50, Add* | *581.48* | |
| | | *For >50 To 100, Add* | *290.74* | |
| | | *For >500 To 1,000, Deduct* | *-107.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-162.73* | |
| | | *For >2,000 To 5,000, Deduct* | *-266.69* | |
| | | *For >5,000, Deduct* | *-442.38* | |
| 33 01 30 72-0299 | LF | 39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,279.56 | |
| | | *For Vinlyester Resin, Add* | *1,498.95* | |
| | | *For Epoxy Resin, Add* | *176.66* | |
| | | *For Up To >10, Add* | *1,485.31* | |
| | | *For >10 To 25, Add* | *880.86* | |
| | | *For >25 To 50, Add* | *635.59* | |
| | | *For >50 To 100, Add* | *317.79* | |
| | | *For >500 To 1,000, Deduct* | *-117.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-177.88* | |
| | | *For >2,000 To 5,000, Deduct* | *-291.51* | |
| | | *For >5,000, Deduct* | *-483.55* | |
| 33 01 30 72-0300 | LF | 39mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,473.66 | |
| | | *For Vinlyester Resin, Add* | *1,626.58* | |
| | | *For Epoxy Resin, Add* | *191.70* | |
| | | *For Up To >10, Add* | *1,611.78* | |
| | | *For >10 To 25, Add* | *955.87* | |
| | | *For >25 To 50, Add* | *689.71* | |
| | | *For >50 To 100, Add* | *344.85* | |
| | | *For >500 To 1,000, Deduct* | *-127.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-193.02* | |
| | | *For >2,000 To 5,000, Deduct* | *-316.34* | |
| | | *For >5,000, Deduct* | *-524.73* | |
| 33 01 30 72-0301 | LF | 39mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,667.88 | |
| | | *For Vinlyester Resin, Add* | *1,754.21* | |
| | | *For Epoxy Resin, Add* | *206.75* | |
| | | *For Up To >10, Add* | *1,738.59* | |
| | | *For >10 To 25, Add* | *1,031.16* | |
| | | *For >25 To 50, Add* | *743.99* | |
| | | *For >50 To 100, Add* | *372.00* | |
| | | *For >500 To 1,000, Deduct* | *-137.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-208.18* | |
| | | *For >2,000 To 5,000, Deduct* | *-341.19* | |
| | | *For >5,000, Deduct* | *-565.95* | |
| 33 01 30 72-0302 | LF | 39mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,861.97 | |
| | | *For Vinlyester Resin, Add* | *1,881.85* | |
| | | *For Epoxy Resin, Add* | *221.79* | |
| | | *For Up To >10, Add* | *1,865.04* | |
| | | *For >10 To 25, Add* | *1,106.14* | |
| | | *For >25 To 50, Add* | *798.10* | |
| | | *For >50 To 100, Add* | *399.05* | |
| | | *For >500 To 1,000, Deduct* | *-147.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-223.33* | |
| | | *For >2,000 To 5,000, Deduct* | *-366.01* | |
| | | *For >5,000, Deduct* | *-607.12* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0303 | LF | 39mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,056.07 | |
| | | *For Vinlyester Resin, Add* | *2,009.48* | |
| | | *For Epoxy Resin, Add* | *236.83* | |
| | | *For Up To >10, Add* | *1,991.51* | |
| | | *For >10 To 25, Add* | *1,181.15* | |
| | | *For >25 To 50, Add* | *852.22* | |
| | | *For >50 To 100, Add* | *426.11* | |
| | | *For >500 To 1,000, Deduct* | *-157.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-238.47* | |
| | | *For >2,000 To 5,000, Deduct* | *-390.83* | |
| | | *For >5,000, Deduct* | *-648.29* | |
| 33 01 30 72-0304 | LF | 39mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,250.18 | |
| | | *For Vinlyester Resin, Add* | *2,137.11* | |
| | | *For Epoxy Resin, Add* | *251.87* | |
| | | *For Up To >10, Add* | *2,117.99* | |
| | | *For >10 To 25, Add* | *1,256.16* | |
| | | *For >25 To 50, Add* | *906.34* | |
| | | *For >50 To 100, Add* | *453.17* | |
| | | *For >500 To 1,000, Deduct* | *-167.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-253.62* | |
| | | *For >2,000 To 5,000, Deduct* | *-415.65* | |
| | | *For >5,000, Deduct* | *-689.47* | |
| 33 01 30 72-0305 | LF | 39mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,444.27 | |
| | | *For Vinlyester Resin, Add* | *2,264.75* | |
| | | *For Epoxy Resin, Add* | *266.92* | |
| | | *For Up To >10, Add* | *2,244.44* | |
| | | *For >10 To 25, Add* | *1,331.14* | |
| | | *For >25 To 50, Add* | *960.45* | |
| | | *For >50 To 100, Add* | *480.23* | |
| | | *For >500 To 1,000, Deduct* | *-177.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-268.77* | |
| | | *For >2,000 To 5,000, Deduct* | *-440.47* | |
| | | *For >5,000, Deduct* | *-730.64* | |
| 33 01 30 72-0306 | LF | 39mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,638.38 | |
| | | *For Vinlyester Resin, Add* | *2,392.38* | |
| | | *For Epoxy Resin, Add* | *281.96* | |
| | | *For Up To >10, Add* | *2,370.92* | |
| | | *For >10 To 25, Add* | *1,406.15* | |
| | | *For >25 To 50, Add* | *1,014.57* | |
| | | *For >50 To 100, Add* | *507.29* | |
| | | *For >500 To 1,000, Deduct* | *-187.44* | |
| | | *For >1,000 To 2,000, Deduct* | *-283.91* | |
| | | *For >2,000 To 5,000, Deduct* | *-465.30* | |
| | | *For >5,000, Deduct* | *-771.81* | |
| 33 01 30 72-0307 | LF | 39mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,832.47 | |
| | | *For Vinlyester Resin, Add* | *2,520.01* | |
| | | *For Epoxy Resin, Add* | *297.00* | |
| | | *For Up To >10, Add* | *2,497.36* | |
| | | *For >10 To 25, Add* | *1,481.13* | |
| | | *For >25 To 50, Add* | *1,068.68* | |
| | | *For >50 To 100, Add* | *534.34* | |
| | | *For >500 To 1,000, Deduct* | *-197.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-299.06* | |
| | | *For >2,000 To 5,000, Deduct* | *-490.11* | |
| | | *For >5,000, Deduct* | *-812.98* | |

## 33 01 30 72-0308 40.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0309 | LF | 40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,352.10 | |
| | | *For Vinlyester Resin, Add* | *892.58* | |
| | | *For Epoxy Resin, Add* | *105.20* | |
| | | *For Up To >10, Add* | *868.53* | |
| | | *For >10 To 25, Add* | *511.25* | |
| | | *For >25 To 50, Add* | *370.51* | |
| | | *For >50 To 100, Add* | *185.25* | |
| | | *For >500 To 1,000, Deduct* | *-69.53* | |
| | | *For >1,000 To 2,000, Deduct* | *-105.26* | |
| | | *For >2,000 To 5,000, Deduct* | *-172.26* | |
| | | *For >5,000, Deduct* | *-285.82* | |
| 33 01 30 72-0310 | LF | 40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,552.88 | |
| | | *For Vinlyester Resin, Add* | *1,025.12* | |
| | | *For Epoxy Resin, Add* | *120.82* | |
| | | *For Up To >10, Add* | *997.49* | |
| | | *For >10 To 25, Add* | *587.17* | |
| | | *For >25 To 50, Add* | *425.52* | |
| | | *For >50 To 100, Add* | *212.76* | |
| | | *For >500 To 1,000, Deduct* | *-79.85* | |
| | | *For >1,000 To 2,000, Deduct* | *-120.89* | |
| | | *For >2,000 To 5,000, Deduct* | *-197.84* | |
| | | *For >5,000, Deduct* | *-328.26* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0311 | LF | 40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,753.64 | |
| | | *For Vinlyester Resin, Add* | *1,157.66* | |
| | | *For Epoxy Resin, Add* | *136.44* | |
| | | *For Up To >10, Add* | *1,126.42* | |
| | | *For >10 To 25, Add* | *663.05* | |
| | | *For >25 To 50, Add* | *480.52* | |
| | | *For >50 To 100, Add* | *240.26* | |
| | | *For >500 To 1,000, Deduct* | *-90.18* | |
| | | *For >1,000 To 2,000, Deduct* | *-136.52* | |
| | | *For >2,000 To 5,000, Deduct* | *-223.42* | |
| | | *For >5,000, Deduct* | *-370.70* | |
| 33 01 30 72-0312 | LF | 40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,954.41 | |
| | | *For Vinlyester Resin, Add* | *1,290.21* | |
| | | *For Epoxy Resin, Add* | *152.06* | |
| | | *For Up To >10, Add* | *1,255.36* | |
| | | *For >10 To 25, Add* | *738.94* | |
| | | *For >25 To 50, Add* | *535.52* | |
| | | *For >50 To 100, Add* | *267.76* | |
| | | *For >500 To 1,000, Deduct* | *-100.50* | |
| | | *For >1,000 To 2,000, Deduct* | *-152.14* | |
| | | *For >2,000 To 5,000, Deduct* | *-248.99* | |
| | | *For >5,000, Deduct* | *-413.13* | |
| 33 01 30 72-0313 | LF | 40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,161.35 | |
| | | *For Vinlyester Resin, Add* | *1,422.75* | |
| | | *For Epoxy Resin, Add* | *167.68* | |
| | | *For Up To >10, Add* | *1,402.80* | |
| | | *For >10 To 25, Add* | *830.25* | |
| | | *For >25 To 50, Add* | *599.78* | |
| | | *For >50 To 100, Add* | *299.89* | |
| | | *For >500 To 1,000, Deduct* | *-111.29* | |
| | | *For >1,000 To 2,000, Deduct* | *-168.54* | |
| | | *For >2,000 To 5,000, Deduct* | *-276.11* | |
| | | *For >5,000, Deduct* | *-458.04* | |
| 33 01 30 72-0314 | LF | 40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,362.68 | |
| | | *For Vinlyester Resin, Add* | *1,555.29* | |
| | | *For Epoxy Resin, Add* | *183.30* | |
| | | *For Up To >10, Add* | *1,533.44* | |
| | | *For >10 To 25, Add* | *907.56* | |
| | | *For >25 To 50, Add* | *655.63* | |
| | | *For >50 To 100, Add* | *327.81* | |
| | | *For >500 To 1,000, Deduct* | *-121.66* | |
| | | *For >1,000 To 2,000, Deduct* | *-184.24* | |
| | | *For >2,000 To 5,000, Deduct* | *-301.83* | |
| | | *For >5,000, Deduct* | *-500.70* | |
| 33 01 30 72-0315 | LF | 40.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,564.03 | |
| | | *For Vinlyester Resin, Add* | *1,687.83* | |
| | | *For Epoxy Resin, Add* | *198.92* | |
| | | *For Up To >10, Add* | *1,664.12* | |
| | | *For >10 To 25, Add* | *984.90* | |
| | | *For >25 To 50, Add* | *711.50* | |
| | | *For >50 To 100, Add* | *355.75* | |
| | | *For >500 To 1,000, Deduct* | *-132.02* | |
| | | *For >1,000 To 2,000, Deduct* | *-199.94* | |
| | | *For >2,000 To 5,000, Deduct* | *-327.55* | |
| | | *For >5,000, Deduct* | *-543.37* | |
| 33 01 30 72-0316 | LF | 40.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,765.37 | |
| | | *For Vinlyester Resin, Add* | *1,820.38* | |
| | | *For Epoxy Resin, Add* | *214.54* | |
| | | *For Up To >10, Add* | *1,794.76* | |
| | | *For >10 To 25, Add* | *1,062.21* | |
| | | *For >25 To 50, Add* | *767.35* | |
| | | *For >50 To 100, Add* | *383.68* | |
| | | *For >500 To 1,000, Deduct* | *-142.39* | |
| | | *For >1,000 To 2,000, Deduct* | *-215.64* | |
| | | *For >2,000 To 5,000, Deduct* | *-353.27* | |
| | | *For >5,000, Deduct* | *-586.04* | |
| 33 01 30 72-0317 | LF | 40.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,966.70 | |
| | | *For Vinlyester Resin, Add* | *1,952.92* | |
| | | *For Epoxy Resin, Add* | *230.17* | |
| | | *For Up To >10, Add* | *1,925.40* | |
| | | *For >10 To 25, Add* | *1,139.52* | |
| | | *For >25 To 50, Add* | *823.21* | |
| | | *For >50 To 100, Add* | *411.60* | |
| | | *For >500 To 1,000, Deduct* | *-152.76* | |
| | | *For >1,000 To 2,000, Deduct* | *-231.34* | |
| | | *For >2,000 To 5,000, Deduct* | *-378.99* | |
| | | *For >5,000, Deduct* | *-628.70* | |
| 33 01 30 72-0318 | LF | 40.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,168.05 | |
| | | *For Vinlyester Resin, Add* | *2,085.46* | |
| | | *For Epoxy Resin, Add* | *245.79* | |
| | | *For Up To >10, Add* | *2,056.08* | |
| | | *For >10 To 25, Add* | *1,216.86* | |
| | | *For >25 To 50, Add* | *879.08* | |
| | | *For >50 To 100, Add* | *439.54* | |
| | | *For >500 To 1,000, Deduct* | *-163.12* | |
| | | *For >1,000 To 2,000, Deduct* | *-247.04* | |
| | | *For >2,000 To 5,000, Deduct* | *-404.71* | |
| | | *For >5,000, Deduct* | *-671.37* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0319 | LF | 40.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,369.39 | |
| | | *For Vinlyester Resin, Add* | *2,218.01* | |
| | | *For Epoxy Resin, Add* | *261.41* | |
| | | *For Up To >10, Add* | *2,186.72* | |
| | | *For >10 To 25, Add* | *1,294.17* | |
| | | *For >25 To 50, Add* | *934.93* | |
| | | *For >50 To 100, Add* | *467.47* | |
| | | *For >500 To 1,000, Deduct* | *-173.49* | |
| | | *For >1,000 To 2,000, Deduct* | *-262.74* | |
| | | *For >2,000 To 5,000, Deduct* | *-430.43* | |
| | | *For >5,000, Deduct* | *-714.04* | |
| 33 01 30 72-0320 | LF | 40.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,570.73 | |
| | | *For Vinlyester Resin, Add* | *2,350.54* | |
| | | *For Epoxy Resin, Add* | *277.03* | |
| | | *For Up To >10, Add* | *2,317.39* | |
| | | *For >10 To 25, Add* | *1,371.51* | |
| | | *For >25 To 50, Add* | *990.80* | |
| | | *For >50 To 100, Add* | *495.40* | |
| | | *For >500 To 1,000, Deduct* | *-183.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-278.45* | |
| | | *For >2,000 To 5,000, Deduct* | *-456.15* | |
| | | *For >5,000, Deduct* | *-756.71* | |
| 33 01 30 72-0321 | LF | 40.5mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,772.07 | |
| | | *For Vinlyester Resin, Add* | *2,483.09* | |
| | | *For Epoxy Resin, Add* | *292.65* | |
| | | *For Up To >10, Add* | *2,448.04* | |
| | | *For >10 To 25, Add* | *1,448.82* | |
| | | *For >25 To 50, Add* | *1,046.65* | |
| | | *For >50 To 100, Add* | *523.33* | |
| | | *For >500 To 1,000, Deduct* | *-194.22* | |
| | | *For >1,000 To 2,000, Deduct* | *-294.15* | |
| | | *For >2,000 To 5,000, Deduct* | *-481.87* | |
| | | *For >5,000, Deduct* | *-799.37* | |
| 33 01 30 72-0322 | LF | 40.5mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,973.41 | |
| | | *For Vinlyester Resin, Add* | *2,615.63* | |
| | | *For Epoxy Resin, Add* | *308.27* | |
| | | *For Up To >10, Add* | *2,578.68* | |
| | | *For >10 To 25, Add* | *1,526.13* | |
| | | *For >25 To 50, Add* | *1,102.51* | |
| | | *For >50 To 100, Add* | *551.25* | |
| | | *For >500 To 1,000, Deduct* | *-204.59* | |
| | | *For >1,000 To 2,000, Deduct* | *-309.85* | |
| | | *For >2,000 To 5,000, Deduct* | *-507.59* | |
| | | *For >5,000, Deduct* | *-842.04* | |

## 33 01 30 72-0323 42mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 72-0324 | LF | 42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,606.66 | |
| | | *For Vinlyester Resin, Add* | *1,061.73* | |
| | | *For Epoxy Resin, Add* | *125.13* | |
| | | *For Up To >10, Add* | *1,028.08* | |
| | | *For >10 To 25, Add* | *603.94* | |
| | | *For >25 To 50, Add* | *438.20* | |
| | | *For >50 To 100, Add* | *219.10* | |
| | | *For >500 To 1,000, Deduct* | *-82.58* | |
| | | *For >1,000 To 2,000, Deduct* | *-124.99* | |
| | | *For >2,000 To 5,000, Deduct* | *-204.49* | |
| | | *For >5,000, Deduct* | *-339.31* | |
| 33 01 30 72-0325 | LF | 42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 1,814.66 | |
| | | *For Vinlyester Resin, Add* | *1,199.18* | |
| | | *For Epoxy Resin, Add* | *141.33* | |
| | | *For Up To >10, Add* | *1,161.18* | |
| | | *For >10 To 25, Add* | *682.13* | |
| | | *For >25 To 50, Add* | *494.93* | |
| | | *For >50 To 100, Add* | *247.47* | |
| | | *For >500 To 1,000, Deduct* | *-93.27* | |
| | | *For >1,000 To 2,000, Deduct* | *-141.18* | |
| | | *For >2,000 To 5,000, Deduct* | *-230.96* | |
| | | *For >5,000, Deduct* | *-383.24* | |
| 33 01 30 72-0326 | LF | 42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,022.68 | |
| | | *For Vinlyester Resin, Add* | *1,336.64* | |
| | | *For Epoxy Resin, Add* | *157.53* | |
| | | *For Up To >10, Add* | *1,294.34* | |
| | | *For >10 To 25, Add* | *760.37* | |
| | | *For >25 To 50, Add* | *551.70* | |
| | | *For >50 To 100, Add* | *275.85* | |
| | | *For >500 To 1,000, Deduct* | *-103.96* | |
| | | *For >1,000 To 2,000, Deduct* | *-157.36* | |
| | | *For >2,000 To 5,000, Deduct* | *-257.44* | |
| | | *For >5,000, Deduct* | *-427.18* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0327 | LF | 42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,236.97 | |
| | | *For Vinlyester Resin, Add* | *1,474.09* | |
| | | *For Epoxy Resin, Add* | *173.73* | |
| | | *For Up To >10, Add* | *1,446.31* | |
| | | *For >10 To 25, Add* | *854.29* | |
| | | *For >25 To 50, Add* | *617.86* | |
| | | *For >50 To 100, Add* | *308.93* | |
| | | *For >500 To 1,000, Deduct* | *-115.13* | |
| | | *For >1,000 To 2,000, Deduct* | *-174.33* | |
| | | *For >2,000 To 5,000, Deduct* | *-285.48* | |
| | | *For >5,000, Deduct* | *-473.62* | |
| 33 01 30 72-0328 | LF | 42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,445.56 | |
| | | *For Vinlyester Resin, Add* | *1,611.54* | |
| | | *For Epoxy Resin, Add* | *189.93* | |
| | | *For Up To >10, Add* | *1,581.18* | |
| | | *For >10 To 25, Add* | *933.95* | |
| | | *For >25 To 50, Add* | *675.48* | |
| | | *For >50 To 100, Add* | *337.74* | |
| | | *For >500 To 1,000, Deduct* | *-125.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-190.59* | |
| | | *For >2,000 To 5,000, Deduct* | *-312.10* | |
| | | *For >5,000, Deduct* | *-517.78* | |
| 33 01 30 72-0329 | LF | 42mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,654.14 | |
| | | *For Vinlyester Resin, Add* | *1,748.99* | |
| | | *For Epoxy Resin, Add* | *206.13* | |
| | | *For Up To >10, Add* | *1,716.02* | |
| | | *For >10 To 25, Add* | *1,013.59* | |
| | | *For >25 To 50, Add* | *733.08* | |
| | | *For >50 To 100, Add* | *366.54* | |
| | | *For >500 To 1,000, Deduct* | *-136.60* | |
| | | *For >1,000 To 2,000, Deduct* | *-206.84* | |
| | | *For >2,000 To 5,000, Deduct* | *-338.72* | |
| | | *For >5,000, Deduct* | *-561.94* | |
| 33 01 30 72-0330 | LF | 42mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 2,862.72 | |
| | | *For Vinlyester Resin, Add* | *1,886.44* | |
| | | *For Epoxy Resin, Add* | *222.33* | |
| | | *For Up To >10, Add* | *1,850.86* | |
| | | *For >10 To 25, Add* | *1,093.23* | |
| | | *For >25 To 50, Add* | *790.68* | |
| | | *For >50 To 100, Add* | *395.34* | |
| | | *For >500 To 1,000, Deduct* | *-147.33* | |
| | | *For >1,000 To 2,000, Deduct* | *-223.09* | |
| | | *For >2,000 To 5,000, Deduct* | *-365.34* | |
| | | *For >5,000, Deduct* | *-606.10* | |
| 33 01 30 72-0331 | LF | 42mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,071.30 | |
| | | *For Vinlyester Resin, Add* | *2,023.90* | |
| | | *For Epoxy Resin, Add* | *238.53* | |
| | | *For Up To >10, Add* | *1,985.70* | |
| | | *For >10 To 25, Add* | *1,172.87* | |
| | | *For >25 To 50, Add* | *848.29* | |
| | | *For >50 To 100, Add* | *424.14* | |
| | | *For >500 To 1,000, Deduct* | *-158.07* | |
| | | *For >1,000 To 2,000, Deduct* | *-239.35* | |
| | | *For >2,000 To 5,000, Deduct* | *-391.96* | |
| | | *For >5,000, Deduct* | *-650.26* | |
| 33 01 30 72-0332 | LF | 42mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,279.88 | |
| | | *For Vinlyester Resin, Add* | *2,161.35* | |
| | | *For Epoxy Resin, Add* | *254.73* | |
| | | *For Up To >10, Add* | *2,120.54* | |
| | | *For >10 To 25, Add* | *1,252.51* | |
| | | *For >25 To 50, Add* | *905.89* | |
| | | *For >50 To 100, Add* | *452.94* | |
| | | *For >500 To 1,000, Deduct* | *-168.80* | |
| | | *For >1,000 To 2,000, Deduct* | *-255.60* | |
| | | *For >2,000 To 5,000, Deduct* | *-418.58* | |
| | | *For >5,000, Deduct* | *-694.42* | |
| 33 01 30 72-0333 | LF | 42mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,488.47 | |
| | | *For Vinlyester Resin, Add* | *2,298.80* | |
| | | *For Epoxy Resin, Add* | *270.93* | |
| | | *For Up To >10, Add* | *2,255.41* | |
| | | *For >10 To 25, Add* | *1,332.18* | |
| | | *For >25 To 50, Add* | *963.51* | |
| | | *For >50 To 100, Add* | *481.75* | |
| | | *For >500 To 1,000, Deduct* | *-179.54* | |
| | | *For >1,000 To 2,000, Deduct* | *-271.86* | |
| | | *For >2,000 To 5,000, Deduct* | *-445.20* | |
| | | *For >5,000, Deduct* | *-738.59* | |
| 33 01 30 72-0334 | LF | 42mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,697.05 | |
| | | *For Vinlyester Resin, Add* | *2,436.25* | |
| | | *For Epoxy Resin, Add* | *287.13* | |
| | | *For Up To >10, Add* | *2,390.25* | |
| | | *For >10 To 25, Add* | *1,411.82* | |
| | | *For >25 To 50, Add* | *1,021.11* | |
| | | *For >50 To 100, Add* | *510.55* | |
| | | *For >500 To 1,000, Deduct* | *-190.27* | |
| | | *For >1,000 To 2,000, Deduct* | *-288.11* | |
| | | *For >2,000 To 5,000, Deduct* | *-471.82* | |
| | | *For >5,000, Deduct* | *-782.75* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 72-0335 | LF | 42mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 3,905.63 | |
| | | *For Vinlyester Resin, Add* | *2,573.70* | |
| | | *For Epoxy Resin, Add* | *303.33* | |
| | | *For Up To >10, Add* | *2,525.09* | |
| | | *For >10 To 25, Add* | *1,491.46* | |
| | | *For >25 To 50, Add* | *1,078.71* | |
| | | *For >50 To 100, Add* | *539.35* | |
| | | *For >500 To 1,000, Deduct* | *-201.00* | |
| | | *For >1,000 To 2,000, Deduct* | *-304.37* | |
| | | *For >2,000 To 5,000, Deduct* | *-498.43* | |
| | | *For >5,000, Deduct* | *-826.91* | |
| 33 01 30 72-0336 | LF | 42mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) | 4,114.21 | |
| | | *For Vinlyester Resin, Add* | *2,711.16* | |
| | | *For Epoxy Resin, Add* | *319.53* | |
| | | *For Up To >10, Add* | *2,659.93* | |
| | | *For >10 To 25, Add* | *1,571.10* | |
| | | *For >25 To 50, Add* | *1,136.31* | |
| | | *For >50 To 100, Add* | *568.16* | |
| | | *For >500 To 1,000, Deduct* | *-211.74* | |
| | | *For >1,000 To 2,000, Deduct* | *-320.62* | |
| | | *For >2,000 To 5,000, Deduct* | *-525.05* | |
| | | *For >5,000, Deduct* | *-871.07* | |

## 33 01 30 74 Cured-in-Place Lateral Lining *(33 01 30)*

### 33 01 30 74-0001 Laterals; Cutting, Grouting And Reinstatement *(33 01 30 74)*

### 33 01 30 74-0002 Lateral Reinstatement/Reconnection *(33 01 30 74-0001)*

| | | | |
|---|---|---|---|
| 33 01 30 74-0003 | EA | Cut Liner For Laterals, Up To 4" (Robotic) | 466.30 |
| 33 01 30 74-0004 | EA | Cut Liner For Laterals, 6" (Robotic) | 504.12 |
| 33 01 30 74-0005 | EA | Cut Liner For Laterals, 8" (Robotic) | 535.62 |
| 33 01 30 74-0006 | EA | Cut Liner For Laterals, 10" (Robotic) | 567.13 |
| 33 01 30 74-0007 | EA | Cut Liner For Laterals, 12" (Robotic) | 598.63 |

### 33 01 30 74-0008 Grout Lateral Service *(33 01 30 74-0001)*

### 33 01 30 74-0009 Grout Lateral Service - Bladder *(33 01 30 74-0008)*

| | | | |
|---|---|---|---|
| 33 01 30 74-0010 | EA | Grout Up To 4" Lateral Service - Bladder | 503.17 |
| 33 01 30 74-0011 | EA | Grout 6" Lateral Service - Bladder | 577.87 |
| 33 01 30 74-0012 | EA | Grout 8" Lateral Service - Bladder | 652.55 |

### 33 01 30 74-0013 Grout Lateral Service - Robotic Trowel Application *(33 01 30 74-0008)*

| | | | |
|---|---|---|---|
| 33 01 30 74-0014 | EA | Grout 3" To 6" Lateral Service - Robotic Trowel Application | 548.38 |
| 33 01 30 74-0015 | EA | Grout 8" To 12" Lateral Service - Robotic Trowel Application | 593.59 |

### 33 01 30 74-0016 Lateral T-Liner *(33 01 30 74-0001)*

Note: As manufactured by LMK.

| | | | |
|---|---|---|---|
| 33 01 30 74-0017 | EA | Up To 4" Lateral T-Liner | 668.37 |
| 33 01 30 74-0018 | EA | 6" Lateral T-Liner | 750.51 |
| 33 01 30 74-0019 | EA | 8" Lateral T-Liner | 873.48 |

### 33 01 30 74-0020 Lining Lateral Pipe *(33 01 30 74-0001)*

### 33 01 30 74-0021 Lining Lateral Pipe *(33 01 30 74-0020)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 74-0022 | LF | 6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP) | 30.91 | |
| | | *For 7.5mm, Add* | *3.06* | |
| | | *For 9 mm, Add* | *6.06* | |
| 33 01 30 74-0023 | LF | 6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP) | 36.45 | |
| | | *For 7.5mm, Add* | *4.17* | |
| | | *For 9 mm, Add* | *8.26* | |
| 33 01 30 74-0024 | LF | 6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP) | 46.65 | |
| | | *For 7.5mm, Add* | *6.39* | |
| | | *For 9 mm, Add* | *12.64* | |

### 33 01 30 74-0025 Lining Manhole Drop *(33 01 30 74-0020)*

| | | | |
|---|---|---|---|
| 33 01 30 74-0026 | EA | Manhole Drop Section Lining | 736.05 |

## 33 01 30 79 Fold-and-Form Pipe Lining *(33 01 30)*

### 33 01 30 79-0001 Form and Fold Relining Underground Pipelines *(33 01 30 79)*

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

### 33 01 30 79-0002 Fold-And-Form Relining Underground Pipelines Set-Up And Reinsertion *(33 01 30 79-0001)*

| | | | |
|---|---|---|---|
| 33 01 30 79-0003 | EA | Initial Set Up And Final Equipment Removal For Fold-And-Form Relining Underground Pipelines | 4,569.12 |
| 33 01 30 79-0004 | EA | Move And Reset Up At Different Access/Location For Fold-And-Form Relining Underground Pipelines | 1,827.65 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 01 30 79-0005** | | **Form And Fold Polyethylene (PE) Pipeliner** *(33 01 30 79-0001)* | | |
| 33 01 30 79-0006 | LF | 4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 | 31.48 | |
| | | *For DR 26 Pipe Liner, Add* | *5.42* | |
| | | *For Up To 75, Add* | *19.02* | |
| | | *For >75 To 150, Add* | *9.51* | |
| | | *For >500 To 1,000, Deduct* | *-0.73* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.47* | |
| | | *For >2,000, Deduct* | *-2.94* | |
| 33 01 30 79-0007 | LF | 6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 | 40.01 | |
| | | *For DR 26 Pipe Liner, Add* | *7.37* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-3.68* | |
| | | *For Up To 75, Add* | *21.70* | |
| | | *For >75 To 150, Add* | *10.85* | |
| | | *For >500 To 1,000, Deduct* | *-0.79* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.58* | |
| | | *For >2,000, Deduct* | *-3.16* | |
| 33 01 30 79-0008 | LF | 8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 | 41.44 | |
| | | *For DR 26 Pipe Liner, Add* | *7.51* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-3.75* | |
| | | *For Up To 75, Add* | *23.13* | |
| | | *For >75 To 150, Add* | *11.57* | |
| | | *For >500 To 1,000, Deduct* | *-0.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.71* | |
| | | *For >2,000, Deduct* | *-3.43* | |
| 33 01 30 79-0009 | LF | 10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 | 57.48 | |
| | | *For DR 26 Pipe Liner, Add* | *11.26* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-5.63* | |
| | | *For DR 41 Pipe Liner, Deduct* | *-11.26* | |
| | | *For Up To 75, Add* | *27.69* | |
| | | *For >75 To 150, Add* | *13.85* | |
| | | *For >500 To 1,000, Deduct* | *-0.93* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.87* | |
| | | *For >2,000, Deduct* | *-3.74* | |
| 33 01 30 79-0010 | LF | 12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 | 79.60 | |
| | | *For DR 26 Pipe Liner, Add* | *16.48* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-8.24* | |
| | | *For DR 41 Pipe Liner, Deduct* | *-16.48* | |
| | | *For Up To 75, Add* | *33.73* | |
| | | *For >75 To 150, Add* | *16.87* | |
| | | *For >500 To 1,000, Deduct* | *-1.03* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.06* | |
| | | *For >2,000, Deduct* | *-4.11* | |
| 33 01 30 79-0011 | LF | 15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5 | 108.35 | |
| | | *For DR 35 Pipe Liner, Deduct* | *-11.60* | |
| | | *For DR 41 Pipe Liner, Deduct* | *-23.19* | |
| | | *For Up To 75, Add* | *41.92* | |
| | | *For >75 To 150, Add* | *20.96* | |
| | | *For >500 To 1,000, Deduct* | *-1.17* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.34* | |
| | | *For >2,000, Deduct* | *-4.67* | |
| 33 01 30 79-0012 | LF | 18" Diameter Form and Fold Polyethylene Pipeliner, DR 35 | 152.09 | |
| | | *For DR 41 Pipe Liner, Deduct* | *-13.45* | |
| | | *For DR 50 Pipe Liner, Deduct* | *-26.90* | |
| | | *For Up To 75, Add* | *53.26* | |
| | | *For >75 To 150, Add* | *26.63* | |
| | | *For >500 To 1,000, Deduct* | *-1.32* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.64* | |
| | | *For >2,000, Deduct* | *-5.27* | |
| 33 01 30 79-0013 | LF | 21" Diameter Form and Fold Polyethylene Pipeliner, DR 47 | 171.84 | |
| | | *For DR 50 Pipe Liner, Deduct* | *-22.92* | |
| | | *For DR 55 Pipe Liner, Deduct* | *-38.20* | |
| | | *For Up To 75, Add* | *59.12* | |
| | | *For >75 To 150, Add* | *29.56* | |
| | | *For >500 To 1,000, Deduct* | *-1.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.86* | |
| | | *For >2,000, Deduct* | *-5.71* | |
| 33 01 30 79-0014 | LF | 24" Diameter Form and Fold Polyethylene Pipeliner, DR 55 | 209.05 | |
| | | *For DR 60 Pipe Liner, Deduct* | *-28.24* | |
| | | *For Up To 75, Add* | *68.81* | |
| | | *For >75 To 150, Add* | *34.41* | |
| | | *For >500 To 1,000, Deduct* | *-1.56* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.12* | |
| | | *For >2,000, Deduct* | *-6.23* | |
| **33 01 30 79-0015** | | **Form And Fold Polyvinyl Chloride (PVC) Pipeliner** *(33 01 30 79-0001)* | | |
| 33 01 30 79-0016 | LF | 4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 | 33.53 | |
| | | *For Up To 75, Add* | *19.43* | |
| | | *For >75 To 150, Add* | *9.72* | |
| | | *For >500 To 1,000, Deduct* | *-0.73* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.47* | |
| | | *For >2,000, Deduct* | *-2.94* | |
| | | *For DR 26 Pipe Liner, Add* | *5.94* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 79-0017 | LF | 6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 | 40.01 | |
| | | *For Up To 75, Add* | *21.70* | |
| | | *For >75 To 150, Add* | *10.85* | |
| | | *For >500 To 1,000, Deduct* | *-0.79* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.58* | |
| | | *For >2,000, Deduct* | *-3.16* | |
| | | *For DR 26 Pipe Liner, Add* | *7.37* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-3.68* | |
| 33 01 30 79-0018 | LF | 8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 | 44.16 | |
| | | *For Up To 75, Add* | *23.68* | |
| | | *For >75 To 150, Add* | *11.84* | |
| | | *For >500 To 1,000, Deduct* | *-0.86* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.71* | |
| | | *For >2,000, Deduct* | *-3.43* | |
| | | *For DR 26 Pipe Liner, Add* | *8.19* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-4.09* | |
| 33 01 30 79-0019 | LF | 10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 | 61.58 | |
| | | *For Up To 75, Add* | *28.51* | |
| | | *For >75 To 150, Add* | *14.26* | |
| | | *For >500 To 1,000, Deduct* | *-0.93* | |
| | | *For >1,000 To 2,000, Deduct* | *-1.87* | |
| | | *For >2,000, Deduct* | *-3.74* | |
| | | *For DR 26 Pipe Liner, Add* | *12.28* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-6.14* | |
| | | *For DR 41 Pipe Liner, Deduct* | *-12.28* | |
| 33 01 30 79-0020 | LF | 12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 | 85.74 | |
| | | *For Up To 75, Add* | *34.96* | |
| | | *For >75 To 150, Add* | *17.48* | |
| | | *For >500 To 1,000, Deduct* | *-1.03* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.06* | |
| | | *For >2,000, Deduct* | *-4.11* | |
| | | *For DR 26 Pipe Liner, Add* | *18.01* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-9.01* | |
| | | *For DR 41 Pipe Liner, Deduct* | *-18.01* | |
| 33 01 30 79-0021 | LF | 15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5 | 117.09 | |
| | | *For Up To 75, Add* | *43.67* | |
| | | *For >75 To 150, Add* | *21.84* | |
| | | *For >500 To 1,000, Deduct* | *-1.17* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.34* | |
| | | *For >2,000, Deduct* | *-4.67* | |
| | | *For DR 35 Pipe Liner, Deduct* | *-12.69* | |
| | | *For DR 41 Pipe Liner, Deduct* | *-25.38* | |
| 33 01 30 79-0022 | LF | 18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35 | 164.92 | |
| | | *For Up To 75, Add* | *55.83* | |
| | | *For >75 To 150, Add* | *27.91* | |
| | | *For >500 To 1,000, Deduct* | *-1.32* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.64* | |
| | | *For >2,000, Deduct* | *-5.27* | |
| | | *For DR 41 Pipe Liner, Deduct* | *-14.74* | |
| | | *For DR 50 Pipe Liner, Deduct* | *-29.47* | |
| 33 01 30 79-0023 | LF | 21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47 | 186.03 | |
| | | *For Up To 75, Add* | *61.96* | |
| | | *For >75 To 150, Add* | *30.98* | |
| | | *For >500 To 1,000, Deduct* | *-1.43* | |
| | | *For >1,000 To 2,000, Deduct* | *-2.86* | |
| | | *For >2,000, Deduct* | *-5.71* | |
| | | *For DR 50 Pipe Liner, Deduct* | *-25.05* | |
| | | *For DR 55 Pipe Liner, Deduct* | *-41.75* | |
| 33 01 30 79-0024 | LF | 24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55 | 227.06 | |
| | | *For Up To 75, Add* | *72.41* | |
| | | *For >75 To 150, Add* | *36.21* | |
| | | *For >500 To 1,000, Deduct* | *-1.56* | |
| | | *For >1,000 To 2,000, Deduct* | *-3.12* | |
| | | *For >2,000, Deduct* | *-6.23* | |
| | | *For DR 60 Pipe Liner, Deduct* | *-30.94* | |

## 33 01 30 81 Manhole Rehabilitation *(33 01 30)*

### 33 01 30 81-0001 Restoration And Rehabilitation Of Manholes *(33 01 30 81)*

Note: Work is in confined spaces.

### 33 01 30 81-0002 Inspection And Ventilation System Set-up *(33 01 30 81-0001)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 81-0003 | EA | Inspect Manhole | 167.70 | |
| 33 01 30 81-0004 | EA | 36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System<br>Note: For internal inspection and repair of water mains. | 12,700.69 | |
| 33 01 30 81-0005 | EA | >60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System<br>Note: For internal inspection and repair of water mains | 18,028.91 | |

### 33 01 30 81-0006 Manhole Seals *(33 01 30 81-0001)*

### 33 01 30 81-0007 Internal Manhole Chimney Seals *(33 01 30 81-0006)*

Note: Cretex.

| | | | | |
|---|---|---|---|---|
| 33 01 30 81-0008 | EA | 20" Internal Manhole Chimney Seal | 498.21 | |
| 33 01 30 81-0009 | EA | 22" Internal Manhole Chimney Seal | 525.14 | |
| 33 01 30 81-0010 | EA | 24" Internal Manhole Chimney Seal | 538.61 | |
| 33 01 30 81-0011 | EA | 26" Internal Manhole Chimney Seal | 619.39 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 81-0012 | EA | 28" Internal Manhole Chimney Seal | 700.18 | |
| 33 01 30 81-0013 | EA | 30" Internal Manhole Chimney Seal | 780.97 | |
| 33 01 30 81-0014 | EA | 36" Internal Manhole Chimney Seal | 942.56 | |
| **33 01 30 81-0015** | | **External Manhole Encapsulation** *(33 01 30 81-0006)* | | |
| | | Note: Wrapidseal. | | |
| 33 01 30 81-0016 | EA | 24" External Manhole Encapsulation | 727.11 | |
| 33 01 30 81-0017 | EA | 30" External Manhole Encapsulation | 767.51 | |
| 33 01 30 81-0018 | EA | 36" External Manhole Encapsulation | 821.37 | |
| 33 01 30 81-0019 | EA | 42" External Manhole Encapsulation | 888.70 | |
| 33 01 30 81-0020 | EA | 48" External Manhole Encapsulation | 982.95 | |
| 33 01 30 81-0021 | EA | 54" External Manhole Encapsulation | 1,090.67 | |
| 33 01 30 81-0022 | EA | 60" External Manhole Encapsulation | 1,225.32 | |
| **33 01 30 81-0023** | | **Manhole Crack Repair** *(33 01 30 81-0001)* | | |
| | | Note: Includes removing loose materials and cleaning. | | |
| 33 01 30 81-0024 | LF | Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair | 45.20 | |
| 33 01 30 81-0025 | LF | >1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair | 60.94 | |
| 33 01 30 81-0026 | LF | Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair | 42.36 | |
| 33 01 30 81-0027 | LF | >1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair | 57.55 | |
| **33 01 30 81-0028** | | **Manhole Patching** *(33 01 30 81-0001)* | | |
| | | Note: Includes removing loose materials and cleaning. | | |
| 33 01 30 81-0029 | SF | Up To 1/4" Thick, Cementitious Grout, Manhole Patching | 15.92 | |
| 33 01 30 81-0030 | SF | Up To 1/4" Thick, Epoxy Grout, Manhole Patching | 34.33 | |
| **33 01 30 81-0031** | | **Manhole Joint Restoration** *(33 01 30 81-0001)* | | |
| | | Note: Includes drilling holes at joints, fill joints with grout. | | |
| 33 01 30 81-0032 | EA | 3' Diameter Joint Restoration, Grout Fill Per Each Manhole | 2,099.82 | |
| | | Note: Includes two (2) joints sections to be grouted and two (2) pipe connections. | | |
| | | *For Grouting Each Additional Manhole Joint Section, Add* | *214.46* | |
| 33 01 30 81-0033 | EA | 3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole | 2,451.27 | |
| | | Note: Includes two (2) joints sections to be grouted and two (2) pipe connections. | | |
| | | *For Grouting Each Additional Manhole Joint Section, Add* | *237.70* | |
| 33 01 30 81-0034 | EA | 4' Diameter Joint Restoration, Grout Fill Per Each Manhole | 2,799.75 | |
| | | Note: Includes two (2) joints sections to be grouted and two (2) pipe connections. | | |
| | | *For Grouting Each Additional Manhole Joint Section, Add* | *260.94* | |
| 33 01 30 81-0035 | EA | 5' Diameter Joint Restoration, Grout Fill Per Each Manhole | 3,326.86 | |
| | | Note: Includes two (2) joints sections to be grouted and two (2) pipe connections. | | |
| | | *For Grouting Each Additional Manhole Joint Section, Add* | *272.56* | |
| 33 01 30 81-0036 | EA | 6' Diameter Joint Restoration, Grout Fill Per Each Manhole | 3,852.49 | |
| | | Note: Includes two (2) joints sections to be grouted and two (2) pipe connections. | | |
| | | *For Grouting Each Additional Manhole Joint Section, Add* | *284.18* | |
| **33 01 30 81-0037** | | **Step Installation In Existing Manholes** *(33 01 30 81-0001)* | | |
| | | Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes. | | |
| 33 01 30 81-0038 | EA | Drill And Grout 8" x 9" Cast Iron Manhole Steps | 141.54 | 18.00 |
| 33 01 30 81-0039 | EA | Drill And Grout Galvanized Steel Manhole Step | 101.96 | 18.00 |
| 33 01 30 81-0040 | EA | Bolt On Galvanized Steel Manhole Step | 106.32 | 18.00 |
| 33 01 30 81-0041 | EA | Drill And Grout Aluminum Manhole Step | 108.45 | 18.00 |
| 33 01 30 81-0042 | EA | Drill And Insert Polypropylene Manhole Step | 57.97 | 14.40 |
| **33 01 30 81-0043** | | **Invert Restoration** *(33 01 30 81-0001)* | | |
| | | Note: Includes removal of existing defective material and installation of new material. | | |
| **33 01 30 81-0044** | | **Concrete Invert Restoration** *(33 01 30 81-0043)* | | |
| 33 01 30 81-0045 | EA | 2' Diameter, Concrete Invert Restoration | 329.75 | |
| 33 01 30 81-0046 | EA | 3' Diameter, Concrete Invert Restoration | 371.68 | |
| 33 01 30 81-0047 | EA | 4' Diameter, Concrete Invert Restoration | 413.60 | |
| 33 01 30 81-0048 | EA | 5' Diameter, Concrete Invert Restoration | 455.53 | |
| 33 01 30 81-0049 | EA | 6' Diameter, Concrete Invert Restoration | 581.30 | |
| 33 01 30 81-0050 | SF | Square Or Rectangular, Concrete Invert Restoration | 32.90 | |
| **33 01 30 81-0051** | | **Brick Invert Restoration** *(33 01 30 81-0043)* | | |
| 33 01 30 81-0052 | EA | 2' Diameter, Brick Invert Restoration | 540.80 | |
| 33 01 30 81-0053 | EA | 3' Diameter, Brick Invert Restoration | 582.73 | |
| 33 01 30 81-0054 | EA | 4' Diameter, Brick Invert Restoration | 624.65 | |
| 33 01 30 81-0055 | EA | 5' Diameter, Brick Invert Restoration | 666.58 | |
| 33 01 30 81-0056 | EA | 6' Diameter, Brick Invert Restoration | 708.50 | |
| 33 01 30 81-0057 | SF | Square Or Rectangular, Brick Invert Restoration | 46.25 | |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 81-0058 | | Repair In-Kind Of Drainage Structures *(33 01 30 81)* Note: For brick, concrete or concrete block catch basins, inlets, manholes, and other drainage structures. Includes replacing bricks or concrete blocks, concrete repair, sealing and repairing joints, excavation, backfilling, pavement removal, restoration of pavement and all tasks to perform interior and/or exterior repair in-kind. Sizes are inside dimensions. For other sizes, use closest size. | | |
| 33 01 30 81-0059 | VLF | 2' Diameter, Repair In-Kind Drainage Structure | 722.23 | |
| 33 01 30 81-0060 | VLF | 3' Diameter, Repair In-Kind Drainage Structure | 1,083.35 | |
| 33 01 30 81-0061 | VLF | 4' Diameter, Repair In-Kind Drainage Structure | 1,444.56 | |
| 33 01 30 81-0062 | VLF | 5' Diameter, Repair In-Kind Drainage Structure | 1,805.57 | |
| 33 01 30 81-0063 | VLF | 6' Diameter, Repair In-Kind Drainage Structure | 2,166.70 | |
| 33 01 30 81-0064 | VLF | 2' x 2', Repair In-Kind Drainage Structure | 920.04 | |
| 33 01 30 81-0065 | VLF | 2' x 3', Repair In-Kind Drainage Structure | 1,150.05 | |
| 33 01 30 81-0066 | VLF | 2' x 4', Repair In-Kind Drainage Structure | 1,380.06 | |
| 33 01 30 81-0067 | VLF | 3' x 4', Repair In-Kind Drainage Structure | 1,610.07 | |
| 33 01 30 81-0068 | VLF | 4' x 4', Repair In-Kind Drainage Structure | 1,840.08 | |
| 33 01 30 81-0069 | VLF | 4' x 5', Repair In-Kind Drainage Structure | 2,070.09 | |
| 33 01 30 81-0070 | VLF | 4' x 6', Repair In-Kind Drainage Structure | 2,300.10 | |
| 33 01 30 81-0071 | VLF | 4' x 8', Repair In-Kind Drainage Structure | 2,760.12 | |
| 33 01 30 81-0072 | VLF | >32 GSF, Repair In-Kind Drainage Structure | 3,220.14 | |

## 33 01 30 82 Epoxy Lining for Concrete Manholes *(33 01 30)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 82-0001 | | Epoxy Manhole Restoration, Interior *(33 01 30 82)* | | |
| 33 01 30 82-0002 | VLF | 60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior | 314.97 | |
| | | *For 80 Mil Material, Add* | | *37.44* |
| | | *For 100 Mil Material, Add* | | *74.88* |
| | | *For 125 Mil Material, Add* | | *116.78* |
| | | *For 150 Mil Material, Add* | | *158.68* |
| | | *For 200 Mil Material, Add* | | *229.40* |
| | | *For 2 To 5 Manholes, Deduct* | | *-22.29* |
| | | *For 6 To 10 Manholes, Deduct* | | *-36.70* |
| | | *For >10 Manholes, Deduct* | | *-73.39* |
| 33 01 30 82-0003 | VLF | 60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior | 382.04 | |
| | | *For 80 Mil Material, Add* | | *44.79* |
| | | *For 100 Mil Material, Add* | | *89.58* |
| | | *For 125 Mil Material, Add* | | *139.57* |
| | | *For 150 Mil Material, Add* | | *189.56* |
| | | *For 200 Mil Material, Add* | | *273.57* |
| | | *For 2 To 5 Manholes, Deduct* | | *-27.09* |
| | | *For 6 To 10 Manholes, Deduct* | | *-44.63* |
| | | *For >10 Manholes, Deduct* | | *-89.26* |
| 33 01 30 82-0004 | VLF | 60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior | 419.95 | |
| | | *For 80 Mil Material, Add* | | *49.92* |
| | | *For 100 Mil Material, Add* | | *99.84* |
| | | *For 125 Mil Material, Add* | | *155.70* |
| | | *For 150 Mil Material, Add* | | *211.57* |
| | | *For 200 Mil Material, Add* | | *305.87* |
| | | *For 2 To 5 Manholes, Deduct* | | *-29.71* |
| | | *For 6 To 10 Manholes, Deduct* | | *-48.93* |
| | | *For >10 Manholes, Deduct* | | *-97.86* |
| 33 01 30 82-0005 | VLF | 60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior | 525.01 | |
| | | *For 80 Mil Material, Add* | | *62.42* |
| | | *For 100 Mil Material, Add* | | *124.84* |
| | | *For 125 Mil Material, Add* | | *194.70* |
| | | *For 150 Mil Material, Add* | | *264.56* |
| | | *For 200 Mil Material, Add* | | *382.48* |
| | | *For 2 To 5 Manholes, Deduct* | | *-37.15* |
| | | *For 6 To 10 Manholes, Deduct* | | *-61.17* |
| | | *For >10 Manholes, Deduct* | | *-122.33* |
| 33 01 30 82-0006 | VLF | 60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior | 629.99 | |
| | | *For 80 Mil Material, Add* | | *74.90* |
| | | *For 100 Mil Material, Add* | | *149.80* |
| | | *For 125 Mil Material, Add* | | *233.62* |
| | | *For 150 Mil Material, Add* | | *317.45* |
| | | *For 200 Mil Material, Add* | | *458.94* |
| | | *For 2 To 5 Manholes, Deduct* | | *-44.57* |
| | | *For 6 To 10 Manholes, Deduct* | | *-73.40* |
| | | *For >10 Manholes, Deduct* | | *-146.79* |

## 33 01 30 83 Lining for Concrete Manholes *(33 01 30)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 83-0001 | | Manhole Lining *(33 01 30 83)* Note: Includes power washing and cleaning of manhole interiors. | | |
| 33 01 30 83-0002 | | Cementitious Manhole Restoration, Interior *(33 01 30 83-0001)* | | |
| 33 01 30 83-0003 | VLF | 1/2" Cementitious Restoration On 3' Diameter Manhole Interior | 134.19 | |
| | | *For Each Additional 1/2" Thick Material, Add* | | *32.45* |
| | | *For 2 To 5 Manholes, Deduct* | | *-9.47* |
| | | *For 6 To 10 Manholes, Deduct* | | *-15.58* |
| | | *For >10 Manholes, Deduct* | | *-31.17* |
| 33 01 30 83-0004 | VLF | 1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior | 155.58 | |
| | | *For Each Additional 1/2" Thick Material, Add* | | *37.76* |
| | | *For 2 To 5 Manholes, Deduct* | | *-10.97* |
| | | *For 6 To 10 Manholes, Deduct* | | *-18.06* |
| | | *For >10 Manholes, Deduct* | | *-36.12* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 01 30 83-0005 | VLF | 1/2" Cementitious Restoration On 4' Diameter Manhole Interior | 176.98 | |
| | | *For Each Additional 1/2" Thick Material, Add* | *43.07* | |
| | | *For 2 To 5 Manholes, Deduct* | *-12.48* | |
| | | *For 6 To 10 Manholes, Deduct* | *-20.54* | |
| | | *For >10 Manholes, Deduct* | *-41.07* | |
| 33 01 30 83-0006 | VLF | 1/2" Cementitious Restoration On 5' Diameter Manhole Interior | 208.35 | |
| | | *For Each Additional 1/2" Thick Material, Add* | *52.71* | |
| | | *For 2 To 5 Manholes, Deduct* | *-14.63* | |
| | | *For 6 To 10 Manholes, Deduct* | *-24.05* | |
| | | *For >10 Manholes, Deduct* | *-48.10* | |
| 33 01 30 83-0007 | VLF | 1/2" Cementitious Restoration On 6' Diameter Manhole Interior | 227.71 | |
| | | *For Each Additional 1/2" Thick Material, Add* | *60.84* | |
| | | *For 2 To 5 Manholes, Deduct* | *-15.89* | |
| | | *For 6 To 10 Manholes, Deduct* | *-26.08* | |
| | | *For >10 Manholes, Deduct* | *-52.17* | |

## 33 01 30 83-0008 Polyurethane Manhole Restoration, Interior *(33 01 30 83-0001)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 83-0009 | VLF | 60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior | 280.17 | |
| | | *For 80 Mil Material, Add* | *25.84* | |
| | | *For 100 Mil Material, Add* | *51.68* | |
| | | *For 125 Mil Material, Add* | *79.08* | |
| | | *For 150 Mil Material, Add* | *106.48* | |
| | | *For 200 Mil Material, Add* | *148.20* | |
| | | *For 2 To 5 Manholes, Deduct* | *-20.55* | |
| | | *For 6 To 10 Manholes, Deduct* | *-34.09* | |
| | | *For >10 Manholes, Deduct* | *-68.17* | |
| 33 01 30 83-0010 | VLF | 60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior | 341.39 | |
| | | *For 80 Mil Material, Add* | *31.24* | |
| | | *For 100 Mil Material, Add* | *62.48* | |
| | | *For 125 Mil Material, Add* | *95.53* | |
| | | *For 150 Mil Material, Add* | *128.59* | |
| | | *For 200 Mil Material, Add* | *178.72* | |
| | | *For 2 To 5 Manholes, Deduct* | *-25.06* | |
| | | *For 6 To 10 Manholes, Deduct* | *-41.58* | |
| | | *For >10 Manholes, Deduct* | *-83.17* | |
| 33 01 30 83-0011 | VLF | 60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior | 373.56 | |
| | | *For 80 Mil Material, Add* | *34.46* | |
| | | *For 100 Mil Material, Add* | *68.91* | |
| | | *For 125 Mil Material, Add* | *105.45* | |
| | | *For 150 Mil Material, Add* | *141.98* | |
| | | *For 200 Mil Material, Add* | *197.62* | |
| | | *For 2 To 5 Manholes, Deduct* | *-27.39* | |
| | | *For 6 To 10 Manholes, Deduct* | *-45.45* | |
| | | *For >10 Manholes, Deduct* | *-90.90* | |
| 33 01 30 83-0012 | VLF | 60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior | 466.96 | |
| | | *For 80 Mil Material, Add* | *43.07* | |
| | | *For 100 Mil Material, Add* | *86.14* | |
| | | *For 125 Mil Material, Add* | *131.81* | |
| | | *For 150 Mil Material, Add* | *177.48* | |
| | | *For 200 Mil Material, Add* | *247.03* | |
| | | *For 2 To 5 Manholes, Deduct* | *-34.24* | |
| | | *For 6 To 10 Manholes, Deduct* | *-56.81* | |
| | | *For >10 Manholes, Deduct* | *-113.62* | |
| 33 01 30 83-0013 | VLF | 60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior | 560.34 | |
| | | *For 80 Mil Material, Add* | *51.68* | |
| | | *For 100 Mil Material, Add* | *103.37* | |
| | | *For 125 Mil Material, Add* | *158.17* | |
| | | *For 150 Mil Material, Add* | *212.97* | |
| | | *For 200 Mil Material, Add* | *296.42* | |
| | | *For 2 To 5 Manholes, Deduct* | *-41.09* | |
| | | *For 6 To 10 Manholes, Deduct* | *-68.17* | |
| | | *For >10 Manholes, Deduct* | *-136.35* | |

## 33 01 30 83-0014 Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior *(33 01 30 83-0001)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 83-0015 | VLF | 3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole | 489.54 | |
| | | *For 2 To 5 Manholes, Deduct* | *-28.33* | |
| | | *For 6 To 10 Manholes, Deduct* | *-44.43* | |
| | | *For >10 Manholes, Deduct* | *-88.85* | |
| 33 01 30 83-0016 | VLF | 3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole | 599.53 | |
| | | *For 2 To 5 Manholes, Deduct* | *-34.69* | |
| | | *For 6 To 10 Manholes, Deduct* | *-54.39* | |
| | | *For >10 Manholes, Deduct* | *-108.78* | |
| 33 01 30 83-0017 | VLF | 4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole | 707.23 | |
| | | *For 2 To 5 Manholes, Deduct* | *-40.50* | |
| | | *For 6 To 10 Manholes, Deduct* | *-63.32* | |
| | | *For >10 Manholes, Deduct* | *-126.65* | |
| 33 01 30 83-0018 | VLF | 5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole | 886.95 | |
| | | *For 2 To 5 Manholes, Deduct* | *-50.77* | |
| | | *For 6 To 10 Manholes, Deduct* | *-79.37* | |
| | | *For >10 Manholes, Deduct* | *-158.74* | |
| 33 01 30 83-0019 | VLF | 6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole | 1,066.68 | |
| | | *For 2 To 5 Manholes, Deduct* | *-61.04* | |
| | | *For 6 To 10 Manholes, Deduct* | *-95.42* | |
| | | *For >10 Manholes, Deduct* | *-190.84* | |

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

**33 01 30 86 Manhole Rim Adjustment** *(33 01 30)*

33 01 30 86-0001 Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86)*

33 01 30 86-0002 Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86-0001)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 86-0003 | EA | Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 318.71 | |
| 33 01 30 86-0004 | EA | >2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 359.16 | |
| 33 01 30 86-0005 | EA | >3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 395.81 | |
| 33 01 30 86-0006 | EA | >4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 437.39 | |
| 33 01 30 86-0007 | EA | >5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 471.01 | |

33 01 30 86-0008 Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser *(33 01 30 86-0001)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 86-0009 | EA | Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 376.52 | |
| 33 01 30 86-0010 | EA | >2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 410.70 | |
| 33 01 30 86-0011 | EA | >3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 453.81 | |
| 33 01 30 86-0012 | EA | >4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 495.38 | |
| 33 01 30 86-0013 | EA | >5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser | 535.41 | |

33 01 30 86-0014 >6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers *(33 01 30 86-0001)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 86-0015 | EA | >6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser | 525.33 | |
| 33 01 30 86-0016 | EA | 7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser | 571.72 | |
| 33 01 30 86-0017 | EA | 7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser | 618.83 | |
| 33 01 30 86-0018 | EA | 8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser | 656.07 | |
| 33 01 30 86-0019 | EA | 9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser | 713.38 | |
| 33 01 30 86-0020 | EA | 10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser | 765.30 | |
| 33 01 30 86-0021 | EA | 11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser | 816.04 | |
| 33 01 30 86-0022 | EA | 12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser | 867.83 | |

33 01 30 86-0023 >12" Rise, Solid Manhole Risers *(33 01 30 86)*

33 01 30 86-0024 Precast Concrete Manhole Riser *(33 01 30 86-0023)*

| | | | | |
|---|---|---|---|---|
| 33 01 30 86-0025 | VLF | Up To 26" Diameter Precast Concrete Manhole Riser | 94.66 | |
| 33 01 30 86-0026 | VLF | >26" To 36" Diameter Precast Concrete Manhole Riser | 112.99 | |
| 33 01 30 86-0027 | VLF | >36" To 48" Diameter Precast Concrete Manhole Riser | 169.98 | |
| 33 01 30 86-0028 | VLF | >48" To 60" Diameter Precast Concrete Manhole Riser | 352.82 | |
| 33 01 30 86-0029 | VLF | >60" To 72" Diameter Precast Concrete Manhole Riser | 515.73 | |

**33 01 30 89 By-Pass Piping and Pumping of Sewer Utilities** *(33 01 30)*

33 01 30 89-0001 Set-Up By-Pass Pumping Unit *(33 01 30 89)*

Note: Excludes pump and hose rental. See CSI section 01 22 23 00-0922 for suction hose, 01 22 23 00-0948 for discharge hose, 01 22 23 00-0980 for pump rental.

| | | | | |
|---|---|---|---|---|
| 33 01 30 89-0002 | EA | Set-up By-Pass Pumping Unit | 1,672.55 | |
| 33 01 30 89-0003 | EA | Re-Set Up/Move By-Pass Pumping Unit | 836.27 | |

33 01 30 89-0004 By-Pass Pumping *(33 01 30 89)*

Note: Excludes pump rental. See CSI section 01 22 23 00-0980 for pump rental.

| | | | | |
|---|---|---|---|---|
| 33 01 30 89-0005 | DAY | Maintain And Operate By-Pass Pumping Unit | 418.14 | |
| 33 01 30 89-0006 | WK | Maintain And Operate By-Pass Pumping Unit | 2,090.69 | |
| 33 01 30 89-0007 | MO | Maintain And Operate By-Pass Pumping Unit | 8,780.90 | |

## 33 01 34 Operation and Maintenance of Onsite Wastewater Disposal Systems *(33 01)*

**33 01 34 13 Septic Tank Solids Removal** *(33 01 34)*

33 01 34 13-0001 Pump Out Septic Tanks *(33 01 34 13)*

| | | | | |
|---|---|---|---|---|
| 33 01 34 13-0002 | GAL | Pump Out Septic Tank And Dispose | 0.63 | |

# 33 05 Common Work Results for Utilities *(33)*

## 33 05 07 Trenchless Installation of Utility Piping *(33 05)*

**33 05 07 13 Utility Directional Drilling** *(33 05 07)*

33 05 07 13-0001 Horizontal Augering *(33 05 07 13)*

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.

| | | | | |
|---|---|---|---|---|
| 33 05 07 13-0002 | LF | Up To 2" Diameter Horizontal Hand Augering | 20.88 | |
| 33 05 07 13-0003 | LF | 3" Diameter Horizontal Hand Augering | 25.20 | |
| 33 05 07 13-0004 | LF | 4" Diameter Horizontal Hand Augering | 34.55 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 07 13-0005 | LF | 6" Diameter Horizontal Hand Augering | 44.63 | |
| 33 05 07 13-0006 | LF | 8" Diameter Horizontal Augering | 82.91 | |
| 33 05 07 13-0007 | LF | 10" Diameter Horizontal Augering | 120.95 | |
| 33 05 07 13-0008 | LF | 12" Diameter Horizontal Augering | 145.34 | |
| 33 05 07 13-0009 | LF | 16" Diameter Horizontal Augering | 173.63 | |
| 33 05 07 13-0010 | LF | 20" Diameter Horizontal Augering | 300.43 | |
| 33 05 07 13-0011 | LF | 24" Diameter Horizontal Augering | 382.82 | |
| 33 05 07 13-0012 | LF | 30" Diameter Horizontal Augering | 472.18 | |
| 33 05 07 13-0013 | LF | 36" Diameter Horizontal Augering | 539.48 | |
| 33 05 07 13-0014 | LF | 42" Diameter Horizontal Augering | 732.14 | |
| 33 05 07 13-0015 | LF | 48" Diameter Horizontal Augering | 788.89 | |
| 33 05 07 13-0016 | LF | 54" Diameter Horizontal Augering | 857.96 | |
| 33 05 07 13-0017 | LF | 60" Diameter Horizontal Augering | 899.48 | |
| 33 05 07 13-0018 | EA | 8" To 20" Horizontal Augering Minimum Set-up Charge<br>Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 3,511.53 | |
| 33 05 07 13-0019 | EA | >20" To 36" Horizontal Augering Minimum Set-up Charge<br>Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 4,854.22 | |
| 33 05 07 13-0020 | EA | >36" Horizontal Augering Minimum Set-up Charge<br>Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 7,474.08 | |

### 33 05 07 13-0021 Horizontal Directional Boring *(33 05 07 13)*

Note: Excludes receiving pits or dewatering or cost of casing pipe.

| | | | | |
|---|---|---|---|---|
| 33 05 07 13-0022 | LF | Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground | 11.45 | |
| | | *For Horizontal Boring Through Rock, Add* | *8.02* | |
| 33 05 07 13-0023 | LF | 2" Diameter Directional Boring For Horizontal Pipe, Underground | 17.19 | |
| | | *For Horizontal Boring Through Rock, Add* | *12.03* | |
| 33 05 07 13-0024 | LF | 2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground | 23.87 | |
| | | *For Horizontal Boring Through Rock, Add* | *16.71* | |
| 33 05 07 13-0025 | LF | 3" Diameter Directional Boring For Horizontal Pipe, Underground | 29.60 | |
| | | *For Horizontal Boring Through Rock, Add* | *20.72* | |
| 33 05 07 13-0026 | LF | 4" Diameter Directional Boring For Horizontal Pipe, Underground | 35.32 | |
| | | *For Horizontal Boring Through Rock, Add* | *24.72* | |
| 33 05 07 13-0027 | LF | 5" Diameter Directional Boring For Horizontal Pipe, Underground | 41.05 | |
| | | *For Horizontal Boring Through Rock, Add* | *28.74* | |
| 33 05 07 13-0028 | LF | 6" Diameter Directional Boring For Horizontal Pipe, Underground | 47.74 | |
| | | *For Horizontal Boring Through Rock, Add* | *33.42* | |
| 33 05 07 13-0029 | LF | 8" Diameter Directional Boring For Horizontal Pipe, Underground | 58.53 | |
| | | *For Horizontal Boring Through Rock, Add* | *40.97* | |
| 33 05 07 13-0030 | LF | 10" Diameter Directional Boring For Horizontal Pipe, Underground | 63.40 | |
| | | *For Horizontal Boring Through Rock, Add* | *44.38* | |
| 33 05 07 13-0031 | LF | 12" Diameter Directional Boring For Horizontal Pipe, Underground | 68.28 | |
| | | *For Horizontal Boring Through Rock, Add* | *47.80* | |
| 33 05 07 13-0032 | LF | 18" Diameter Directional Boring For Horizontal Pipe, Underground | 141.44 | |
| | | *For Horizontal Boring Through Rock, Add* | *99.01* | |
| 33 05 07 13-0033 | LF | 24" Diameter Directional Boring For Horizontal Pipe, Underground | 226.17 | |
| | | *For Horizontal Boring Through Rock, Add* | *158.32* | |
| 33 05 07 13-0034 | LF | 30" Diameter Directional Boring For Horizontal Pipe, Underground | 344.76 | |
| | | *For Horizontal Boring Through Rock, Add* | *241.33* | |
| 33 05 07 13-0035 | LF | 36" Diameter Directional Boring For Horizontal Pipe, Underground | 551.61 | |
| | | *For Horizontal Boring Through Rock, Add* | *386.13* | |
| 33 05 07 13-0036 | EA | Up To 6" Horizontal Directional Boring Minimum Set-up Charge<br>Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 3,055.24 | |
| 33 05 07 13-0037 | EA | >6" To 18" Horizontal Directional Boring Minimum Set-up Charge<br>Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 3,511.53 | |
| 33 05 07 13-0038 | EA | >18" To 36" Horizontal Directional Boring Minimum Set-up Charge<br>Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 4,854.22 | |

## 33 05 07 23 Utility Boring and Jacking *(33 05 07)*

### 33 05 07 23-0001 Horizontal Jacking *(33 05 07 23)*

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

| | | | | |
|---|---|---|---|---|
| 33 05 07 23-0002 | LF | Up To 2" Diameter Horizontal Jacking | 58.28 | |
| | | *For Horizontal Jacking Through Rock, Add* | *28.10* | |
| 33 05 07 23-0003 | LF | 3" Diameter Horizontal Jacking | 69.89 | |
| | | *For Horizontal Jacking Through Rock, Add* | *33.92* | |
| 33 05 07 23-0004 | LF | 4" Diameter Horizontal Jacking | 94.47 | |
| | | *For Horizontal Jacking Through Rock, Add* | *46.51* | |
| 33 05 07 23-0005 | LF | 6" Diameter Horizontal Jacking | 122.09 | |
| | | *For Horizontal Jacking Through Rock, Add* | *60.07* | |
| 33 05 07 23-0006 | LF | 8" Diameter Horizontal Jacking | 165.45 | |
| | | *For Horizontal Jacking Through Rock, Add* | *82.34* | |
| 33 05 07 23-0007 | LF | 10" Diameter Horizontal Jacking | 242.53 | |
| | | *For Horizontal Jacking Through Rock, Add* | *120.14* | |
| 33 05 07 23-0008 | LF | 12" Diameter Horizontal Jacking | 291.97 | |
| | | *For Horizontal Jacking Through Rock, Add* | *144.36* | |
| 33 05 07 23-0009 | LF | 16" Diameter Horizontal Jacking | 348.61 | |
| | | *For Horizontal Jacking Through Rock, Add* | *172.47* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 07 23-0010 | LF | 20" Diameter Horizontal Jacking | 544.75 | |
| | | *For Horizontal Jacking Through Rock, Add* | *299.38* | |
| 33 05 07 23-0011 | LF | 24" Diameter Horizontal Jacking | 892.19 | |
| | | *For Horizontal Jacking Through Rock, Add* | *335.98* | |
| 33 05 07 23-0012 | LF | 30" Diameter Horizontal Jacking | 1,037.85 | |
| | | *For Horizontal Jacking Through Rock, Add* | *414.86* | |
| 33 05 07 23-0013 | LF | 36" Diameter Horizontal Jacking | 1,172.32 | |
| | | *For Horizontal Jacking Through Rock, Add* | *474.36* | |
| 33 05 07 23-0014 | LF | 42" Diameter Horizontal Jacking | 1,259.42 | |
| | | *For Horizontal Jacking Through Rock, Add* | *512.25* | |
| 33 05 07 23-0015 | LF | 48" Diameter Horizontal Jacking | 1,365.58 | |
| | | *For Horizontal Jacking Through Rock, Add* | *551.94* | |
| 33 05 07 23-0016 | LF | 54" Diameter Horizontal Jacking | 1,459.80 | |
| | | *For Horizontal Jacking Through Rock, Add* | *600.68* | |
| 33 05 07 23-0017 | EA | Up To 6" Horizontal Jacking Minimum Set-up Charge<br>Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 3,055.24 | |
| 33 05 07 23-0018 | EA | >6" To 20" Horizontal Jacking Minimum Set-up Charge<br>Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 3,511.53 | |
| 33 05 07 23-0019 | EA | >20" To 36" Horizontal Jacking Minimum Set-up Charge<br>Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 4,854.22 | |
| 33 05 07 23-0020 | EA | >36" Horizontal Jacking Minimum Set-up Charge<br>Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. | 7,474.08 | |

### 33 05 07 24 Casing Piping for Utility Jacking *(33 05 07)*

#### 33 05 07 24-0001 Casing Pipe *(33 05 07 24)*

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

#### 33 05 07 24-0002 Steel Pipe *(33 05 07 24-0001)*

| | | | | |
|---|---|---|---|---|
| 33 05 07 24-0003 | LF | 1-1/2" Steel Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 17.05 | |
| 33 05 07 24-0004 | LF | 2" Steel Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 18.06 | |
| 33 05 07 24-0005 | LF | 2-1/2" Steel Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 19.51 | |
| 33 05 07 24-0006 | LF | 3" Steel Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 21.00 | |
| 33 05 07 24-0007 | LF | 4" Steel Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 26.62 | |
| 33 05 07 24-0008 | LF | 5" Steel Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 30.12 | |
| 33 05 07 24-0009 | LF | 6" Steel Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 33.62 | |

#### 33 05 07 24-0010 Polyethylene Pipe *(33 05 07 24-0001)*

| | | | | |
|---|---|---|---|---|
| 33 05 07 24-0011 | LF | 3/4" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 4.98 | |
| 33 05 07 24-0012 | LF | 1" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 5.47 | |
| 33 05 07 24-0013 | LF | 1-1/4" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 5.94 | |
| 33 05 07 24-0014 | LF | 1-1/2" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 6.35 | |
| 33 05 07 24-0015 | LF | 2" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 6.79 | |
| 33 05 07 24-0016 | LF | 2-1/2" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 7.25 | |
| 33 05 07 24-0017 | LF | 3" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 7.73 | |
| 33 05 07 24-0018 | LF | 4" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 9.34 | |
| 33 05 07 24-0019 | LF | 5" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 10.32 | |
| 33 05 07 24-0020 | LF | 6" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 11.31 | |
| 33 05 07 24-0021 | LF | 8" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 14.67 | |
| 33 05 07 24-0022 | LF | 10" Polyethylene Pipe Pull In Place By Boring Machine<br>Note: Includes pipe welding. | 19.88 | |

## 33 05 09 Piping Specials for Utilities *(33 05)*

### 33 05 09 23 Adapters for Utility Piping *(33 05 09)*

See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.

### 33 05 09 33 Thrust Restraint for Utility Piping *(33 05 09)*

See CSI section 33 14 13 13-0371 for mechanical restraints, 33 14 13 13-0402 for flanged restraints, 33 14 13 13-0814 for slip-on restraints, 33 14 13 13-0825 for slip-on restraint harnesses.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

## 33 05 16 Cast-Iron Utility Pipe *(33 05)*

See CSI section 22 13 16 00-0019 for cast iron utility piping.

## 33 05 17 Copper Utility Pipe and Tubing *(33 05)*

See CSI section 33 14 13 39-0000 for copper utility piping.

## 33 05 19 Ductile-Iron Utility Pipe *(33 05)*

See CSI section 33 14 13 13-0000 for ductile iron utility piping.

## 33 05 24 Steel Utility Pipe *(33 05)*

### 33 05 24 23 Steel Pipe for Water Service *(33 05 24)*

See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.

## 33 05 27 Corrugated Metal Utility Pipe *(33 05)*

### 33 05 27 13 Corrugated Metal Culvert Pipe *(33 05 27)*

See CSI section 33 42 11 00-0387 for corrugated metal culvert pipe.

### 33 05 27 23 Corrugated Metal Slotted Pipe *(33 05 27)*

See CSI section 33 41 16 13-0084 for corrugated metal slotted pipe.

### 33 05 27 33 Corrugated Metal Culvert Arch Pipe *(33 05 27)*

See CSI section 33 42 11 00-0731 for corrugated metal culvert arch pipe.

## 33 05 31 Thermoplastic Utility Pipe *(33 05)*

### 33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe *(33 05 31)*

See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.

### 33 05 31 13 Polyvinyl Chloride Pressure Pipe *(33 05 31)*

See CSI section 33 14 13 23-0256 for polyvinyl chloride pressure pipe.

### 33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) *(33 05 31)*

See CSI section 33 14 13 23-0001 for AWWA C900 and 905 polyvinyl chloride pressure pipe.

## 33 05 33 Polyethylene Utility Pipe *(33 05)*

### 33 05 33 13 Corrugated-Wall, Smooth Interior HDPE Gravity Pipe *(33 05 33)*

See CSI section 33 42 11 00-0159 for corrugated-wall smooth interior HDPE gravity pipe.

### 33 05 33 23 Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906) *(33 05 33)*

See CSI section 33 14 13 23-0430 for AWWA C906 high density polyethylene pipe.

### 33 05 33 33 Corrugated, Perforated HDPE Drainage Pipe *(33 05 33)*

See CSI section 33 42 11 00-0181 for corrugated perforated HDPE drainage pipe.

### 33 05 33 36 Corrugated, Non-Perforated HDPE Drainage Pipe *(33 05 33)*

See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.

### 33 05 33 53 HDPE Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.

### 33 05 33 56 Medium-Density Polyethylene Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.

### 33 05 33 63 HDPE Communication Duct *(33 05 33)*

33 05 33 63-0001 ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine *(33 05 33 63)*

Note: Excludes boring.

| | | | | |
|---|---|---|---|---|
| 33 05 33 63-0002 | LF | 1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 3.29 | |
| | | *For Up To 250, Add* | *0.11* | |
| | | *For >250 To 500, Add* | *0.07* | |
| 33 05 33 63-0003 | LF | 1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 3.68 | |
| | | *For Up To 250, Add* | *0.13* | |
| | | *For >250 To 500, Add* | *0.09* | |
| 33 05 33 63-0004 | LF | 1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 4.00 | |
| | | *For Up To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 33 05 33 63-0005 | LF | 2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 4.39 | |
| | | *For Up To 250, Add* | *0.18* | |
| | | *For >250 To 500, Add* | *0.12* | |
| 33 05 33 63-0006 | LF | 3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 5.93 | |
| | | *For Up To 250, Add* | *0.37* | |
| | | *For >250 To 500, Add* | *0.25* | |
| 33 05 33 63-0007 | LF | 4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 7.53 | |
| | | *For Up To 250, Add* | *0.57* | |
| | | *For >250 To 500, Add* | *0.38* | |
| 33 05 33 63-0008 | LF | 1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 3.37 | |
| | | *For Up To 250, Add* | *0.12* | |
| | | *For >250 To 500, Add* | *0.08* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 33 63-0009 | LF | 1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 3.82 | |
| | | *For Up To 250, Add* | *0.15* | |
| | | *For >250 To 500, Add* | *0.10* | |
| 33 05 33 63-0010 | LF | 1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 4.11 | |
| | | *For Up To 250, Add* | *0.17* | |
| | | *For >250 To 500, Add* | *0.11* | |
| 33 05 33 63-0011 | LF | 2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 4.67 | |
| | | *For Up To 250, Add* | *0.22* | |
| | | *For >250 To 500, Add* | *0.15* | |
| 33 05 33 63-0012 | LF | 3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 6.56 | |
| | | *For Up To 250, Add* | *0.47* | |
| | | *For >250 To 500, Add* | *0.31* | |
| 33 05 33 63-0013 | LF | 4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine | 8.32 | |
| | | *For Up To 250, Add* | *0.69* | |
| | | *For >250 To 500, Add* | *0.46* | |

## 33 05 39 Concrete Pipe *(33 05)*

### 33 05 39 13 Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301) *(33 05 39)*

See CSI section 33 42 11 00-0054 for prestressed concrete pressure pipe.

### 33 05 39 41 Reinforced Concrete Pipe for Sewers and Culverts *(33 05 39)*

See CSI section 33 42 11 00-0001 for reinforced concrete pipe.

## 33 05 41 Vitrified Clay Utility Pipe *(33 05)*

See CSI section 33 42 11 00-0285 for vitrified clay piping.

## 33 05 61 Concrete Manholes *(33 05)*

### 33 05 61 00-0001 Manholes *(33 05 61)*

### 33 05 61 00-0002 Precast Concrete Manholes *(33 05 61 00-0001)*

Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover.
See CSI section 33 05 84 00-0002 for top slabs.

### 33 05 61 00-0003 3' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 05 61 00-0004 | EA | 4' Deep, 3' Diameter, Precast Concrete Manhole | 1,443.39 | 238.50 |
| | | *For Bitumastic Coating, Add* | *69.35* | |
| | | *For Epoxy Coating, Add* | *132.53* | |
| 33 05 61 00-0005 | EA | 6' Deep, 3' Diameter, Precast Concrete Manhole | 1,962.43 | 342.58 |
| | | *For Bitumastic Coating, Add* | *104.03* | |
| | | *For Epoxy Coating, Add* | *198.79* | |
| 33 05 61 00-0006 | EA | 8' Deep, 3' Diameter, Precast Concrete Manhole | 2,628.91 | 520.37 |
| | | *For Bitumastic Coating, Add* | *138.70* | |
| | | *For Epoxy Coating, Add* | *265.05* | |
| 33 05 61 00-0007 | VLF | Riser For 3' Diameter, Precast Concrete Manhole<br>Note: For depths greater than 8'. | 276.86 | 60.71 |
| | | *For Bitumastic Coating, Add* | *17.34* | |
| | | *For Epoxy Coating, Add* | *33.13* | |
| 33 05 61 00-0008 | VLF | Drop Collar For 3' Diameter, Precast Concrete Manhole | 299.66 | 60.71 |
| 33 05 61 00-0009 | EA | Drop Base For 3' Diameter, Precast Concrete Manhole | 489.43 | 60.71 |
| 33 05 61 00-0010 | EA | Extended Base Slab For 3' Diameter, Precast Concrete Manhole | 387.52 | 60.71 |
| 33 05 61 00-0011 | EA | Precast Channel For 3' Diameter, Precast Concrete Manhole | 561.09 | 60.71 |

### 33 05 61 00-0012 4' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 05 61 00-0013 | EA | 4' Deep, 4' Diameter, Precast Concrete Manhole | 1,931.09 | 273.20 |
| | | *For Bitumastic Coating, Add* | *69.35* | |
| | | *For Epoxy Coating, Add* | *132.53* | |
| 33 05 61 00-0014 | EA | 6' Deep, 4' Diameter, Precast Concrete Manhole | 2,577.05 | 372.94 |
| | | *For Bitumastic Coating, Add* | *104.03* | |
| | | *For Epoxy Coating, Add* | *198.79* | |
| 33 05 61 00-0015 | EA | 8' Deep, 4' Diameter, Precast Concrete Manhole | 3,397.18 | 563.75 |
| | | *For Bitumastic Coating, Add* | *138.70* | |
| | | *For Epoxy Coating, Add* | *265.05* | |
| 33 05 61 00-0016 | VLF | Riser For 4' Diameter, Precast Concrete Manhole<br>Note: For depths greater than 8'. | 363.08 | 71.56 |
| | | *For Bitumastic Coating, Add* | *17.34* | |
| | | *For Epoxy Coating, Add* | *33.13* | |
| 33 05 61 00-0017 | VLF | Drop Collar For 4' Diameter, Precast Concrete Manhole | 395.67 | 71.56 |
| 33 05 61 00-0018 | EA | Drop Base For 4' Diameter, Precast Concrete Manhole | 666.85 | 71.56 |
| 33 05 61 00-0019 | EA | Extended Base Slab For 4' Diameter, Precast Concrete Manhole | 521.23 | 71.56 |
| 33 05 61 00-0020 | EA | Precast Channel For 4' Diameter, Precast Concrete Manhole | 769.28 | 71.56 |

### 33 05 61 00-0021 5' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 05 61 00-0022 | EA | 4' Deep, 5' Diameter, Precast Concrete Manhole | 3,641.54 | 303.55 |
| | | *For Bitumastic Coating, Add* | *89.36* | |
| | | *For Epoxy Coating, Add* | *213.65* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 61 00-0023 | EA | 6' Deep, 5' Diameter, Precast Concrete Manhole | 4,849.07 | 416.30 |
| | | *For Bitumastic Coating, Add* | *134.03* | |
| | | *For Epoxy Coating, Add* | *320.47* | |
| 33 05 61 00-0024 | EA | 8' Deep, 5' Diameter, Precast Concrete Manhole | 6,249.65 | 624.46 |
| | | *For Bitumastic Coating, Add* | *178.71* | |
| | | *For Epoxy Coating, Add* | *427.29* | |
| 33 05 61 00-0025 | VLF | Riser For 5' Diameter, Precast Concrete Manhole<br>Note: For depths greater than 8'. | 648.50 | 78.06 |
| | | *For Bitumastic Coating, Add* | *22.34* | |
| | | *For Epoxy Coating, Add* | *53.41* | |

## 33 05 61 00-0026 6' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 05 61 00-0027 | EA | 4' Deep, 6' Diameter, Precast Concrete Manhole | 4,890.95 | 338.24 |
| | | *For Bitumastic Coating, Add* | *102.30* | |
| | | *For Epoxy Coating, Add* | *250.12* | |
| 33 05 61 00-0028 | EA | 6' Deep, 6' Diameter, Precast Concrete Manhole | 6,368.80 | 459.66 |
| | | *For Bitumastic Coating, Add* | *153.45* | |
| | | *For Epoxy Coating, Add* | *375.18* | |
| 33 05 61 00-0029 | EA | 8' Deep, 6' Diameter, Precast Concrete Manhole | 8,062.80 | 693.83 |
| | | *For Bitumastic Coating, Add* | *204.60* | |
| | | *For Epoxy Coating, Add* | *500.25* | |
| 33 05 61 00-0030 | VLF | Riser For 6' Diameter, Precast Concrete Manhole<br>Note: For depths greater than 8'. | 788.28 | 86.73 |
| | | *For Bitumastic Coating, Add* | *25.57* | |
| | | *For Epoxy Coating, Add* | *62.53* | |

## 33 05 61 00-0031 7' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 05 61 00-0032 | EA | 4' Deep, 7' Diameter, Precast Concrete Manhole | 7,721.88 | 372.94 |
| | | *For Bitumastic Coating, Add* | *217.54* | |
| | | *For Epoxy Coating, Add* | *437.07* | |
| 33 05 61 00-0033 | EA | 6' Deep, 7' Diameter, Precast Concrete Manhole | 9,983.69 | 508.67 |
| | | *For Bitumastic Coating, Add* | *326.31* | |
| | | *For Epoxy Coating, Add* | *655.61* | |
| 33 05 61 00-0034 | EA | 8' Deep, 7' Diameter, Precast Concrete Manhole | 12,483.13 | 763.22 |
| | | *For Bitumastic Coating, Add* | *435.09* | |
| | | *For Epoxy Coating, Add* | *874.14* | |
| 33 05 61 00-0035 | VLF | Riser For 7' Diameter, Precast Concrete Manhole<br>Note: For depths greater than 8'. | 1,185.98 | 95.40 |
| | | *For Bitumastic Coating, Add* | *54.39* | |
| | | *For Epoxy Coating, Add* | *109.27* | |

## 33 05 61 00-0036 8' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 05 61 00-0037 | EA | 4' Deep, 8' Diameter, Precast Concrete Manhole | 11,182.87 | 429.31 |
| | | *For Bitumastic Coating, Add* | *257.18* | |
| | | *For Epoxy Coating, Add* | *532.75* | |
| 33 05 61 00-0038 | EA | 6' Deep, 8' Diameter, Precast Concrete Manhole | 14,498.15 | 585.43 |
| | | *For Bitumastic Coating, Add* | *385.78* | |
| | | *For Epoxy Coating, Add* | *799.13* | |
| 33 05 61 00-0039 | EA | 8' Deep, 8' Diameter, Precast Concrete Manhole | 18,086.65 | 878.14 |
| | | *For Bitumastic Coating, Add* | *514.37* | |
| | | *For Epoxy Coating, Add* | *1,065.51* | |
| 33 05 61 00-0040 | VLF | Riser For 8' Diameter, Precast Concrete Manhole<br>Note: For depths greater than 8'. | 1,718.36 | 108.42 |
| | | *For Bitumastic Coating, Add* | *64.30* | |
| | | *For Epoxy Coating, Add* | *133.19* | |

## 33 05 61 00-0041 10' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 05 61 00-0042 | EA | 4' Deep, 10' Diameter, Precast Concrete Manhole | 17,318.88 | 493.49 |
| | | *For Bitumastic Coating, Add* | *454.72* | |
| | | *For Epoxy Coating, Add* | *901.21* | |
| 33 05 61 00-0043 | EA | 6' Deep, 10' Diameter, Precast Concrete Manhole | 21,889.08 | 673.02 |
| | | *For Bitumastic Coating, Add* | *682.08* | |
| | | *For Epoxy Coating, Add* | *1,351.81* | |
| 33 05 61 00-0044 | EA | 8' Deep, 10' Diameter, Precast Concrete Manhole | 26,772.39 | 1,009.53 |
| | | *For Bitumastic Coating, Add* | *909.45* | |
| | | *For Epoxy Coating, Add* | *1,802.42* | |
| 33 05 61 00-0045 | VLF | Riser For 10' Diameter, Precast Concrete Manhole<br>Note: For depths greater than 8'. | 2,354.27 | 124.89 |
| | | *For Bitumastic Coating, Add* | *113.68* | |
| | | *For Epoxy Coating, Add* | *225.30* | |

## 33 05 61 00-0046 12' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 05 61 00-0047 | EA | 4' Deep, 12' Diameter, Precast Concrete Manhole | 24,620.37 | 567.21 |
| | | *For Bitumastic Coating, Add* | *545.26* | |
| | | *For Epoxy Coating, Add* | *1,090.58* | |
| 33 05 61 00-0048 | EA | 6' Deep, 12' Diameter, Precast Concrete Manhole | 31,077.14 | 774.49 |
| | | *For Bitumastic Coating, Add* | *817.88* | |
| | | *For Epoxy Coating, Add* | *1,635.88* | |
| 33 05 61 00-0049 | EA | 8' Deep, 12' Diameter, Precast Concrete Manhole | 37,894.72 | 1,161.30 |
| | | *For Bitumastic Coating, Add* | *1,090.51* | |
| | | *For Epoxy Coating, Add* | *2,181.17* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 61 00-0050 | VLF | Riser For 12' Diameter, Precast Concrete Manhole<br>Note: For depths greater than 8'. | 3,308.61 | 143.10 |
| | | *For Bitumastic Coating, Add* | *136.31* | |
| | | *For Epoxy Coating, Add* | *272.65* | |

## 33 05 63 Concrete Vaults and Chambers *(33 05)*

### 33 05 63 00-0001 Underground Utility Vaults And Structures *(33 05 63)*

See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

### 33 05 63 00-0002 Precast Concrete Underground Utility Vault *(33 05 63 00-0001)*

Note: Sizes given are for inside dimensions.

### 33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

| | | | |
|---|---|---|---|
| 33 05 63 00-0004 | EA | 4' x 4' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 2,966.27 |
| 33 05 63 00-0005 | EA | 4' x 6' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 3,866.54 |
| 33 05 63 00-0006 | EA | 5' x 10' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 6,378.83 |
| 33 05 63 00-0007 | EA | 5' x 12' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 7,365.46 |
| 33 05 63 00-0008 | EA | 6' x 6' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 4,941.23 |
| 33 05 63 00-0009 | EA | 6' x 8' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 6,015.02 |
| 33 05 63 00-0010 | EA | 6' x 10' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 7,089.71 |
| 33 05 63 00-0011 | EA | 6' x 12' x 6' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 10,243.25 |
| 33 05 63 00-0012 | EA | 6' x 14' x 6' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 10,243.25 |
| 33 05 63 00-0013 | EA | 6' x 16' x 6' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 12,897.88 |
| 33 05 63 00-0014 | EA | 8' x 8' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 7,264.14 |
| 33 05 63 00-0015 | EA | 8' x 10' x 6' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 8,512.38 |
| 33 05 63 00-0016 | EA | 8' x 12' x 6' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 12,167.71 |
| 33 05 63 00-0017 | EA | 8' x 14' x 6' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 13,694.66 |

### 33 05 63 00-0018 7' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

| | | | |
|---|---|---|---|
| 33 05 63 00-0019 | EA | 4' x 4' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 3,333.21 |
| 33 05 63 00-0020 | EA | 4' x 6' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 4,328.07 |
| 33 05 63 00-0021 | EA | 4' x 8' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 5,214.79 |
| 33 05 63 00-0022 | EA | 5' x 10' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 6,938.85 |
| 33 05 63 00-0023 | EA | 5' x 12' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 8,000.69 |
| 33 05 63 00-0024 | EA | 6' x 6' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 5,500.94 |
| 33 05 63 00-0025 | EA | 6' x 8' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 6,538.29 |
| 33 05 63 00-0026 | EA | 6' x 10' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 7,846.71 |
| 33 05 63 00-0027 | EA | 6' x 12' x 7' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 11,139.22 |
| 33 05 63 00-0028 | EA | 6' x 16' x 7' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 13,993.06 |
| 33 05 63 00-0029 | EA | 8' x 8' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 7,861.74 |
| 33 05 63 00-0030 | EA | 8' x 10' x 7' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 9,184.37 |
| 33 05 63 00-0031 | EA | 8' x 12' x 7' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 13,163.78 |
| 33 05 63 00-0032 | EA | 8' x 14' x 7' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 14,788.97 |
| 33 05 63 00-0033 | EA | 10' x 10' x 7' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 13,362.36 |

### 33 05 63 00-0034 8' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

| | | | |
|---|---|---|---|
| 33 05 63 00-0035 | EA | 4' x 4' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 3,563.89 |
| 33 05 63 00-0036 | EA | 4' x 6' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 4,613.78 |
| 33 05 63 00-0037 | EA | 5' x 10' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 7,498.83 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0038 | EA | 5' x 12' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 8,635.05 | |
| 33 05 63 00-0039 | EA | 6' x 6' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 5,837.22 | |
| 33 05 63 00-0040 | EA | 6' x 8' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 7,060.65 | |
| 33 05 63 00-0041 | EA | 6' x 10' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 8,284.12 | |
| 33 05 63 00-0042 | EA | 6' x 12' x 8' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 12,035.19 | |
| 33 05 63 00-0043 | EA | 6' x 16' x 8' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 15,088.29 | |
| 33 05 63 00-0044 | EA | 8' x 8' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 8,458.49 | |
| 33 05 63 00-0045 | EA | 8' x 10' x 8' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 9,856.35 | |
| 33 05 63 00-0046 | EA | 8' x 12' x 8' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 14,158.93 | |
| 33 05 63 00-0047 | EA | 8' x 14' x 8' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 15,884.19 | |
| 33 05 63 00-0048 | EA | 10' x 10' x 8' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 14,358.14 | |
| 33 05 63 00-0049 | | 10' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)* | | |
| 33 05 63 00-0050 | EA | 6' x 6' x 10' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 6,285.23 | |
| 33 05 63 00-0051 | EA | 6' x 8' x 10' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 7,583.01 | |
| 33 05 63 00-0052 | EA | 10' x 10' x 10' Precast Concrete Underground Utility Vault<br>Note: 8" thick walls and top. | 15,353.24 | |
| 33 05 63 00-0053 | | 12' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)* | | |
| 33 05 63 00-0054 | EA | 6' x 6' x 12' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 6,733.21 | |
| 33 05 63 00-0055 | EA | 6' x 8' x 12' Precast Concrete Underground Utility Vault<br>Note: 6" thick walls and 8" thick top. | 8,106.27 | |
| 33 05 63 00-0056 | | Meter Pit *(33 05 63 00-0001)* | | |
| 33 05 63 00-0057 | | Precast Concrete Meter Pit *(33 05 63 00-0056)* | | |
| 33 05 63 00-0058 | EA | 4' x 4' x 4' Deep Precast Concrete Meter Pit | 2,933.34 | |
| 33 05 63 00-0059 | EA | 4' x 4' x 6' Deep Precast Concrete Meter Pit | 3,992.45 | |
| 33 05 63 00-0060 | EA | 4' x 4' x 8' Deep Precast Concrete Meter Pit | 5,034.20 | |
| 33 05 63 00-0061 | EA | 4' x 4' x 10' Deep Precast Concrete Meter Pit | 6,249.77 | |
| 33 05 63 00-0062 | EA | 4' x 4' x 15' Deep Precast Concrete Meter Pit | 8,680.87 | |
| 33 05 63 00-0063 | EA | 6' x 6' x 4' Deep Precast Concrete Meter Pit | 4,462.04 | |
| 33 05 63 00-0064 | EA | 6' x 6' x 6' Deep Precast Concrete Meter Pit | 6,249.77 | |
| 33 05 63 00-0065 | EA | 6' x 6' x 8' Deep Precast Concrete Meter Pit | 8,073.20 | |
| 33 05 63 00-0066 | EA | 6' x 6' x 10' Deep Precast Concrete Meter Pit | 10,070.76 | |
| 33 05 63 00-0067 | EA | 6' x 6' x 15' Deep Precast Concrete Meter Pit | 14,412.80 | |
| 33 05 63 00-0068 | | Handhole Or Pull Box Enclosures *(33 05 63 00-0001)* | | |
| 33 05 63 00-0069 | | Polymer Concrete Handhole Enclosures *(33 05 63 00-0068)* | | |
| 33 05 63 00-0070 | | Polymer Concrete Handhole Enclosures *(33 05 63 00-0069)* | | |
| 33 05 63 00-0071 | | Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)* | | |
| 33 05 63 00-0072 | | Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)* | | |
| 33 05 63 00-0073 | EA | 12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 391.14 | 18.57 |
| 33 05 63 00-0074 | EA | 10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 311.57 | 41.24 |
| 33 05 63 00-0075 | EA | 13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 476.83 | 61.86 |
| 33 05 63 00-0076 | EA | 17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 564.68 | 61.86 |
| 33 05 63 00-0077 | EA | 13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 535.65 | 61.86 |
| 33 05 63 00-0078 | EA | 13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 662.35 | 61.86 |
| 33 05 63 00-0079 | EA | 17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 643.23 | 61.86 |
| 33 05 63 00-0080 | EA | 17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 899.78 | 61.86 |
| 33 05 63 00-0081 | EA | 27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,283.58 | 82.47 |
| 33 05 63 00-0082 | EA | 27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,835.71 | 82.47 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0083 | EA | 24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,125.35 | 113.40 |
| 33 05 63 00-0084 | EA | 24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,298.26 | 113.40 |
| 33 05 63 00-0085 | EA | 24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 2,197.72 | 113.40 |
| 33 05 63 00-0086 | EA | 39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,199.02 | 123.71 |
| 33 05 63 00-0087 | EA | 39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,765.39 | 123.71 |
| 33 05 63 00-0088 | EA | 39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 2,228.54 | 123.71 |
| 33 05 63 00-0089 | EA | 39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 3,323.98 | 123.71 |
| 33 05 63 00-0090 | EA | 30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,750.40 | 208.46 |
| 33 05 63 00-0091 | EA | 30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 2,602.81 | 208.46 |
| 33 05 63 00-0092 | | Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)* | | |
| 33 05 63 00-0093 | EA | 12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 505.91 | 18.57 |
| 33 05 63 00-0094 | EA | 13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 613.51 | 61.86 |
| 33 05 63 00-0095 | EA | 17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 754.92 | 61.86 |
| 33 05 63 00-0096 | EA | 13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 691.62 | 61.86 |
| 33 05 63 00-0097 | EA | 13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 799.91 | 61.86 |
| 33 05 63 00-0098 | EA | 17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 828.31 | 61.86 |
| 33 05 63 00-0099 | EA | 17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,086.46 | 61.86 |
| 33 05 63 00-0100 | EA | 24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,416.01 | 113.40 |
| 33 05 63 00-0101 | EA | 24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 1,588.91 | 113.40 |
| 33 05 63 00-0102 | EA | 24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 2,488.41 | 113.40 |
| 33 05 63 00-0103 | EA | 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 2,090.06 | 208.46 |
| 33 05 63 00-0104 | EA | 30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 2,948.95 | 208.46 |
| 33 05 63 00-0105 | | Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)* | | |
| 33 05 63 00-0106 | | Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)* | | |
| 33 05 63 00-0107 | EA | 5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 653.60 | 18.57 |
| 33 05 63 00-0108 | EA | 10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 549.72 | 18.57 |
| 33 05 63 00-0109 | EA | 13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 400.17 | 61.86 |
| 33 05 63 00-0110 | EA | 17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 461.46 | 61.86 |
| 33 05 63 00-0111 | EA | 6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 139.42 | 18.57 |
| 33 05 63 00-0112 | EA | 12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 226.28 | 18.57 |
| 33 05 63 00-0113 | EA | 8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 377.04 | 18.57 |
| 33 05 63 00-0114 | EA | 8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 395.29 | 18.57 |
| 33 05 63 00-0115 | EA | 11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 305.20 | 41.24 |
| 33 05 63 00-0116 | EA | 11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 333.19 | 41.24 |
| 33 05 63 00-0117 | EA | 8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 222.55 | 18.57 |
| 33 05 63 00-0118 | EA | 8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 256.73 | 18.57 |
| 33 05 63 00-0119 | EA | 11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 330.28 | 41.24 |
| 33 05 63 00-0120 | EA | 11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 377.33 | 41.24 |
| 33 05 63 00-0121 | EA | 11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 346.88 | 41.24 |
| 33 05 63 00-0122 | EA | 13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 403.02 | 61.86 |
| 33 05 63 00-0123 | EA | 13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 449.17 | 61.86 |
| 33 05 63 00-0124 | EA | 17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 483.49 | 61.86 |
| 33 05 63 00-0125 | EA | 17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 535.18 | 61.86 |
| 33 05 63 00-0126 | EA | 17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 638.26 | 61.86 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0127 | EA | 17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 700.79 | 61.86 |
| 33 05 63 00-0128 | EA | 17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 769.21 | 61.86 |
| 33 05 63 00-0129 | EA | 17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 812.23 | 61.86 |
| 33 05 63 00-0130 | EA | 24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 959.26 | 82.47 |
| 33 05 63 00-0131 | EA | 24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 938.05 | 113.40 |
| 33 05 63 00-0132 | EA | 24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,237.70 | 113.40 |
| 33 05 63 00-0133 | EA | 24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,514.40 | 113.40 |
| 33 05 63 00-0134 | EA | 24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,689.14 | 113.40 |
| 33 05 63 00-0135 | EA | 24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,862.95 | 113.40 |
| 33 05 63 00-0136 | EA | 36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,082.95 | 208.46 |
| 33 05 63 00-0137 | EA | 30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,470.38 | 208.46 |
| 33 05 63 00-0138 | EA | 30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,692.32 | 208.46 |
| 33 05 63 00-0139 | EA | 30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,116.70 | 208.46 |
| 33 05 63 00-0140 | EA | 30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,112.34 | 208.46 |
| 33 05 63 00-0141 | EA | 30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,270.75 | 208.46 |
| 33 05 63 00-0142 | EA | 30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,575.40 | 208.46 |
| 33 05 63 00-0143 | EA | 36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,343.15 | 223.34 |
| 33 05 63 00-0144 | EA | 36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,558.25 | 223.34 |
| 33 05 63 00-0145 | EA | 36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,832.86 | 223.34 |
| 33 05 63 00-0146 | EA | 36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,942.74 | 223.34 |
| 33 05 63 00-0147 | EA | 48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,980.93 | 223.34 |
| 33 05 63 00-0148 | EA | 48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,399.36 | 223.34 |
| 33 05 63 00-0149 | EA | 36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,586.75 | 223.34 |
| 33 05 63 00-0150 | EA | 36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,468.42 | 223.34 |
| 33 05 63 00-0151 | EA | 48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,914.67 | 238.23 |
| 33 05 63 00-0152 | EA | 48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 4,873.95 | 238.23 |
| 33 05 63 00-0153 | EA | 48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 6,303.57 | 238.23 |

## 33 05 63 00-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

| | | | | |
|---|---|---|---|---|
| 33 05 63 00-0155 | EA | 13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 559.30 | 61.86 |
| 33 05 63 00-0156 | EA | 17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 650.22 | 61.86 |
| 33 05 63 00-0157 | EA | 6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 248.39 | 18.57 |
| 33 05 63 00-0158 | EA | 12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 367.11 | 18.57 |
| 33 05 63 00-0159 | EA | 8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 498.34 | 18.57 |
| 33 05 63 00-0160 | EA | 8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 516.61 | 18.57 |
| 33 05 63 00-0161 | EA | 10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure | 424.69 | 41.24 |
| 33 05 63 00-0162 | EA | 11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 444.17 | 41.24 |
| 33 05 63 00-0163 | EA | 11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 470.20 | 41.24 |
| 33 05 63 00-0164 | EA | 8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 341.37 | 18.57 |
| 33 05 63 00-0165 | EA | 8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 406.73 | 18.57 |
| 33 05 63 00-0166 | EA | 11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 469.57 | 41.24 |
| 33 05 63 00-0167 | EA | 11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 516.63 | 41.24 |
| 33 05 63 00-0168 | EA | 11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 487.65 | 41.24 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0169 | EA | 13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 558.42 | 61.86 |
| 33 05 63 00-0170 | EA | 13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 605.15 | 61.86 |
| 33 05 63 00-0171 | EA | 17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 668.93 | 61.86 |
| 33 05 63 00-0172 | EA | 17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 720.29 | 61.86 |
| 33 05 63 00-0173 | EA | 17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 823.07 | 61.86 |
| 33 05 63 00-0174 | EA | 17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 885.87 | 61.86 |
| 33 05 63 00-0175 | EA | 17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 954.00 | 61.86 |
| 33 05 63 00-0176 | EA | 17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 997.32 | 61.86 |
| 33 05 63 00-0177 | EA | 24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,214.93 | 82.47 |
| 33 05 63 00-0178 | EA | 24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,228.73 | 113.40 |
| 33 05 63 00-0179 | EA | 24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,528.03 | 113.40 |
| 33 05 63 00-0180 | EA | 24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,804.43 | 113.40 |
| 33 05 63 00-0181 | EA | 24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,978.89 | 113.40 |
| 33 05 63 00-0182 | EA | 24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,153.28 | 113.40 |
| 33 05 63 00-0183 | EA | 30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,806.83 | 208.46 |
| 33 05 63 00-0184 | EA | 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,029.09 | 208.46 |
| 33 05 63 00-0185 | EA | 30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,453.15 | 208.46 |

### 33 05 63 00-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

| | | | | |
|---|---|---|---|---|
| 33 05 63 00-0187 | EA | 13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 508.49 | 61.86 |
| 33 05 63 00-0188 | EA | 17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 601.93 | 61.86 |
| 33 05 63 00-0189 | EA | 6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 178.92 | 18.57 |
| 33 05 63 00-0190 | EA | 12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 306.12 | 18.57 |
| 33 05 63 00-0191 | EA | 8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 447.58 | 18.57 |
| 33 05 63 00-0192 | EA | 8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 466.18 | 18.57 |
| 33 05 63 00-0193 | EA | 11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 391.27 | 41.24 |
| 33 05 63 00-0194 | EA | 11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 445.43 | 41.24 |
| 33 05 63 00-0195 | EA | 8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 265.62 | 18.57 |
| 33 05 63 00-0196 | EA | 11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 417.88 | 41.24 |
| 33 05 63 00-0197 | EA | 11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 485.35 | 41.24 |
| 33 05 63 00-0198 | EA | 11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 435.41 | 41.24 |
| 33 05 63 00-0199 | EA | 13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 551.26 | 61.86 |
| 33 05 63 00-0200 | EA | 13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 643.50 | 61.86 |
| 33 05 63 00-0201 | EA | 17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 674.17 | 61.86 |
| 33 05 63 00-0202 | EA | 17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 747.21 | 61.86 |
| 33 05 63 00-0203 | EA | 17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 814.40 | 61.86 |
| 33 05 63 00-0204 | EA | 17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 877.83 | 61.86 |
| 33 05 63 00-0205 | EA | 17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 991.42 | 61.86 |
| 33 05 63 00-0206 | EA | 17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,007.25 | 61.86 |
| 33 05 63 00-0207 | EA | 24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,234.74 | 82.47 |
| 33 05 63 00-0208 | EA | 24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,254.41 | 113.40 |
| 33 05 63 00-0209 | EA | 24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,584.96 | 113.40 |
| 33 05 63 00-0210 | EA | 24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,911.87 | 113.40 |
| 33 05 63 00-0211 | EA | 24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,129.00 | 113.40 |
| 33 05 63 00-0212 | EA | 24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,346.13 | 113.40 |
| 33 05 63 00-0213 | EA | 36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,487.50 | 208.46 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0214 | EA | 30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,874.96 | 208.46 |
| 33 05 63 00-0215 | EA | 30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,114.20 | 208.46 |
| 33 05 63 00-0216 | EA | 30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,538.28 | 208.46 |
| 33 05 63 00-0217 | EA | 30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,725.34 | 208.46 |
| 33 05 63 00-0218 | EA | 30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,783.92 | 208.46 |
| 33 05 63 00-0219 | EA | 30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,352.18 | 208.46 |
| 33 05 63 00-0220 | EA | 36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,086.78 | 223.34 |
| 33 05 63 00-0221 | EA | 36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,197.92 | 223.34 |
| 33 05 63 00-0222 | EA | 36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,513.19 | 223.34 |
| 33 05 63 00-0223 | EA | 36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,751.80 | 223.34 |
| 33 05 63 00-0224 | EA | 36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,432.86 | 223.34 |
| 33 05 63 00-0225 | EA | 36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 4,286.23 | 223.34 |
| 33 05 63 00-0226 | EA | 48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 3,698.55 | 223.34 |
| 33 05 63 00-0227 | EA | 48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 4,081.45 | 223.34 |
| 33 05 63 00-0228 | EA | 48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 4,967.89 | 238.23 |
| 33 05 63 00-0229 | EA | 48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 5,927.56 | 238.23 |
| 33 05 63 00-0230 | EA | 48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 8,057.21 | 238.23 |
| 33 05 63 00-0231 | | Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)* | | |
| 33 05 63 00-0232 | EA | 13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 667.59 | 61.86 |
| 33 05 63 00-0233 | EA | 17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 791.05 | 61.86 |
| 33 05 63 00-0234 | EA | 6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 287.02 | 18.57 |
| 33 05 63 00-0235 | EA | 12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 446.67 | 18.57 |
| 33 05 63 00-0236 | EA | 8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 568.63 | 18.57 |
| 33 05 63 00-0237 | EA | 8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 587.48 | 18.57 |
| 33 05 63 00-0238 | EA | 11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 530.56 | 41.24 |
| 33 05 63 00-0239 | EA | 11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 584.39 | 41.24 |
| 33 05 63 00-0240 | EA | 8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 420.09 | 18.57 |
| 33 05 63 00-0241 | EA | 11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 556.55 | 41.24 |
| 33 05 63 00-0242 | EA | 11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 624.01 | 41.24 |
| 33 05 63 00-0243 | EA | 11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 536.43 | 41.24 |
| 33 05 63 00-0244 | EA | 13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 707.29 | 61.86 |
| 33 05 63 00-0245 | EA | 13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 799.53 | 61.86 |
| 33 05 63 00-0246 | EA | 17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 859.26 | 61.86 |
| 33 05 63 00-0247 | EA | 17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 932.32 | 61.86 |
| 33 05 63 00-0248 | EA | 17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 999.49 | 61.86 |
| 33 05 63 00-0249 | EA | 17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,062.95 | 61.86 |
| 33 05 63 00-0250 | EA | 17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,176.56 | 61.86 |
| 33 05 63 00-0251 | EA | 17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,192.33 | 61.86 |
| 33 05 63 00-0252 | EA | 24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,490.09 | 82.47 |
| 33 05 63 00-0253 | EA | 24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,545.07 | 113.40 |
| 33 05 63 00-0254 | EA | 24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 1,875.32 | 113.40 |
| 33 05 63 00-0255 | EA | 24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,201.87 | 113.40 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0256 | EA | 24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,419.16 | 113.40 |
| 33 05 63 00-0257 | EA | 24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,636.46 | 113.40 |
| 33 05 63 00-0258 | EA | 30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,211.71 | 208.46 |
| 33 05 63 00-0259 | EA | 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,451.28 | 208.46 |
| 33 05 63 00-0260 | EA | 30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure | 2,875.06 | 208.46 |
| 33 05 63 00-0261 | | Footed, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)* | | |
| 33 05 63 00-0262 | EA | 17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure | 547.28 | 61.86 |
| 33 05 63 00-0263 | EA | 11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure | 370.20 | 41.24 |
| 33 05 63 00-0264 | EA | 11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure | 422.22 | 41.24 |
| 33 05 63 00-0265 | EA | 13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure | 479.76 | 61.86 |
| 33 05 63 00-0266 | EA | 11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure | 387.24 | 41.24 |
| 33 05 63 00-0267 | EA | 11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure | 437.06 | 41.24 |
| 33 05 63 00-0268 | | Polymer Concrete Handhole Enclosure Extensions *(33 05 63 00-0069)* | | |
| 33 05 63 00-0269 | EA | 13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 382.91 | 61.86 |
| 33 05 63 00-0270 | EA | 17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 437.13 | 61.86 |
| 33 05 63 00-0271 | EA | 24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 490.04 | 82.47 |
| 33 05 63 00-0272 | EA | 24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 543.27 | 82.47 |
| 33 05 63 00-0273 | EA | 24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 627.66 | 113.40 |
| 33 05 63 00-0274 | EA | 36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 1,154.65 | 208.46 |
| 33 05 63 00-0275 | EA | 30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 1,096.46 | 208.46 |
| 33 05 63 00-0276 | EA | 30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 1,109.16 | 208.46 |
| 33 05 63 00-0277 | EA | 36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 1,539.16 | 223.34 |
| 33 05 63 00-0278 | EA | 48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 2,529.34 | 238.23 |
| 33 05 63 00-0279 | EA | 48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension | 3,374.65 | 238.23 |
| 33 05 63 00-0280 | EA | 13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension | 667.37 | 61.86 |
| 33 05 63 00-0281 | EA | 17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension | 700.49 | 61.86 |
| 33 05 63 00-0282 | EA | 24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension | 732.69 | 82.47 |
| 33 05 63 00-0283 | EA | 24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension | 786.49 | 82.47 |
| 33 05 63 00-0284 | EA | 24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension | 893.79 | 113.40 |
| 33 05 63 00-0285 | EA | 30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension | 1,472.55 | 208.46 |
| 33 05 63 00-0286 | EA | 13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension | 505.47 | 61.86 |
| 33 05 63 00-0287 | EA | 17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension | 570.79 | 61.86 |
| 33 05 63 00-0288 | EA | 24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension | 721.38 | 113.40 |
| 33 05 63 00-0289 | EA | 36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension | 1,476.85 | 223.34 |
| 33 05 63 00-0290 | | Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0069)* | | |
| 33 05 63 00-0291 | | Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)* | | |
| 33 05 63 00-0292 | EA | 5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 150.50 | 8.26 |
| 33 05 63 00-0293 | EA | 10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 152.59 | 8.26 |
| 33 05 63 00-0294 | EA | 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 140.65 | 8.26 |
| 33 05 63 00-0295 | EA | 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 153.00 | 8.26 |
| 33 05 63 00-0296 | EA | 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 154.58 | 8.25 |
| 33 05 63 00-0297 | EA | 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 178.89 | 8.25 |
| 33 05 63 00-0298 | EA | 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 208.96 | 8.25 |
| 33 05 63 00-0299 | EA | 30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 1,413.21 | 26.80 |
| 33 05 63 00-0300 | EA | 30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 1,233.91 | 26.80 |
| 33 05 63 00-0301 | EA | 36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 1,858.41 | 26.80 |
| 33 05 63 00-0302 | EA | 48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 1,879.70 | 26.80 |
| 33 05 63 00-0303 | EA | 36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 2,132.39 | 26.80 |
| 33 05 63 00-0304 | EA | 48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 2,325.40 | 26.80 |
| 33 05 63 00-0305 | EA | 48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 3,750.44 | 26.80 |
| 33 05 63 00-0306 | EA | 10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 127.39 | 8.25 |
| 33 05 63 00-0307 | EA | 11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 187.06 | 8.25 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0308 | EA | 11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 189.84 | 8.25 |
| 33 05 63 00-0309 | EA | 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 241.55 | 8.25 |
| 33 05 63 00-0310 | EA | 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover | 179.66 | 8.25 |
| 33 05 63 00-0311 | EA | 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 287.67 | 8.25 |
| 33 05 63 00-0312 | EA | 17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover | 223.61 | 8.25 |
| 33 05 63 00-0313 | EA | 27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 469.93 | 8.25 |
| 33 05 63 00-0314 | EA | 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 405.22 | 12.37 |
| 33 05 63 00-0315 | EA | 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 511.84 | 12.37 |
| 33 05 63 00-0316 | EA | 39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 661.62 | 14.43 |
| 33 05 63 00-0317 | EA | 36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 934.55 | 20.84 |
| 33 05 63 00-0318 | EA | 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover | 969.22 | 39.71 |
| 33 05 63 00-0319 | EA | 11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 244.65 | 8.25 |
| 33 05 63 00-0320 | EA | 13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 353.30 | 8.25 |
| 33 05 63 00-0321 | EA | 17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 403.45 | 8.25 |
| 33 05 63 00-0322 | EA | 27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 677.82 | 8.25 |
| 33 05 63 00-0323 | EA | 24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 551.78 | 12.37 |
| 33 05 63 00-0324 | EA | 39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 940.79 | 14.43 |
| 33 05 63 00-0325 | EA | 36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 1,236.95 | 20.84 |
| 33 05 63 00-0326 | EA | 30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 1,670.25 | 26.80 |
| 33 05 63 00-0327 | EA | 30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 1,482.40 | 26.80 |
| 33 05 63 00-0328 | EA | 36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 2,079.77 | 26.80 |
| 33 05 63 00-0329 | EA | 48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 2,715.08 | 26.80 |
| 33 05 63 00-0330 | EA | 36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 2,599.19 | 26.80 |
| 33 05 63 00-0331 | EA | 48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 3,957.34 | 26.80 |
| 33 05 63 00-0332 | EA | 48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 6,125.07 | 26.80 |
| 33 05 63 00-0333 | EA | 11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 325.15 | 8.25 |
| 33 05 63 00-0334 | EA | 11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 356.54 | 8.25 |
| 33 05 63 00-0335 | EA | 13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 472.79 | 8.25 |
| 33 05 63 00-0336 | EA | 17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 540.25 | 8.25 |
| 33 05 63 00-0337 | EA | 27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 941.45 | 8.25 |
| 33 05 63 00-0338 | EA | 24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 676.02 | 12.37 |
| 33 05 63 00-0339 | EA | 24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 930.02 | 12.37 |
| 33 05 63 00-0340 | EA | 39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 1,448.00 | 14.43 |
| 33 05 63 00-0341 | EA | 36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 1,657.90 | 20.84 |
| 33 05 63 00-0342 | EA | 30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 1,722.92 | 39.71 |
| 33 05 63 00-0343 | EA | 30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 1,993.67 | 26.80 |
| 33 05 63 00-0344 | EA | 36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 2,792.37 | 26.80 |
| 33 05 63 00-0345 | EA | 48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 3,915.77 | 26.80 |
| 33 05 63 00-0346 | EA | 36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 3,491.80 | 26.80 |
| 33 05 63 00-0347 | EA | 48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 5,801.68 | 26.80 |
| 33 05 63 00-0348 | EA | 48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover | 8,967.41 | 26.80 |

### 33 05 63 00-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets *(33 05 63 00-0290)*

| | | | | |
|---|---|---|---|---|
| 33 05 63 00-0350 | EA | 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 174.40 | 8.26 |
| 33 05 63 00-0351 | EA | 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 184.91 | 8.26 |
| 33 05 63 00-0352 | EA | 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 188.33 | 8.25 |
| 33 05 63 00-0353 | EA | 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 189.62 | 8.25 |
| 33 05 63 00-0354 | EA | 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 220.43 | 8.25 |
| 33 05 63 00-0355 | EA | 10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 137.08 | 8.25 |
| 33 05 63 00-0356 | EA | 11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 197.00 | 8.25 |
| 33 05 63 00-0357 | EA | 11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 198.92 | 8.25 |
| 33 05 63 00-0358 | EA | 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 251.79 | 8.25 |
| 33 05 63 00-0359 | EA | 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket | 190.80 | 8.25 |
| 33 05 63 00-0360 | EA | 17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket | 235.38 | 8.25 |
| 33 05 63 00-0361 | EA | 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 298.51 | 8.25 |
| 33 05 63 00-0362 | EA | 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 412.49 | 12.37 |
| 33 05 63 00-0363 | EA | 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 523.00 | 12.37 |
| 33 05 63 00-0364 | EA | 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 980.69 | 39.71 |
| 33 05 63 00-0365 | EA | 6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 112.45 | 8.26 |
| 33 05 63 00-0366 | EA | 8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 181.61 | 8.26 |
| 33 05 63 00-0367 | EA | 8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 203.18 | 8.26 |
| 33 05 63 00-0368 | EA | 12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 193.60 | 8.26 |
| 33 05 63 00-0369 | EA | 10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 157.68 | 8.25 |
| 33 05 63 00-0370 | EA | 11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 254.56 | 8.25 |
| 33 05 63 00-0371 | EA | 11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 276.95 | 8.25 |
| 33 05 63 00-0372 | EA | 13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 363.84 | 8.25 |
| 33 05 63 00-0373 | EA | 17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 414.89 | 8.25 |
| 33 05 63 00-0374 | EA | 24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 562.02 | 12.37 |
| 33 05 63 00-0375 | EA | 24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 705.59 | 12.37 |
| 33 05 63 00-0376 | EA | 30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket | 1,297.93 | 39.71 |

### 33 05 63 00-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts *(33 05 63 00-0290)*

| | | | | |
|---|---|---|---|---|
| 33 05 63 00-0378 | EA | 6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 88.66 | 8.26 |
| 33 05 63 00-0379 | EA | 7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 107.26 | 8.26 |
| 33 05 63 00-0380 | EA | 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 132.31 | 8.26 |
| 33 05 63 00-0381 | EA | 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 143.45 | 8.26 |
| 33 05 63 00-0382 | EA | 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 143.14 | 8.25 |
| 33 05 63 00-0383 | EA | 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 171.67 | 8.25 |
| 33 05 63 00-0384 | EA | 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 199.71 | 8.25 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0385 | EA | 24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 493.57 | 12.37 |
| 33 05 63 00-0386 | EA | 30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 927.46 | 39.71 |
| 33 05 63 00-0387 | EA | 30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 1,397.54 | 26.80 |
| 33 05 63 00-0388 | EA | 30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 1,216.21 | 26.80 |
| 33 05 63 00-0389 | EA | 48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 1,829.30 | 26.80 |
| 33 05 63 00-0390 | EA | 36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 1,764.47 | 26.80 |
| 33 05 63 00-0391 | EA | 36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 2,115.49 | 26.80 |
| 33 05 63 00-0392 | EA | 48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 2,262.96 | 26.80 |
| 33 05 63 00-0393 | EA | 48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 3,630.43 | 26.80 |
| 33 05 63 00-0394 | EA | 10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 122.10 | 8.25 |
| 33 05 63 00-0395 | EA | 10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 119.00 | 8.25 |
| 33 05 63 00-0396 | EA | 11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 180.37 | 8.25 |
| 33 05 63 00-0397 | EA | 11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 199.16 | 8.25 |
| 33 05 63 00-0398 | EA | 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 226.71 | 8.25 |
| 33 05 63 00-0399 | EA | 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts | 170.05 | 8.25 |
| 33 05 63 00-0400 | EA | 18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 190.80 | 8.25 |
| 33 05 63 00-0401 | EA | 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 274.67 | 8.25 |
| 33 05 63 00-0402 | EA | 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 396.80 | 12.37 |
| 33 05 63 00-0403 | EA | 20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 499.35 | 12.37 |
| 33 05 63 00-0404 | EA | 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 493.26 | 12.37 |
| 33 05 63 00-0405 | EA | 36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 896.47 | 20.84 |
| 33 05 63 00-0406 | EA | 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts | 927.46 | 23.82 |

### 33 05 63 00-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*

| | | | | |
|---|---|---|---|---|
| 33 05 63 00-0408 | EA | 30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover | 1,455.95 | 26.80 |
| 33 05 63 00-0409 | EA | 36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover | 2,117.66 | 26.80 |
| 33 05 63 00-0410 | EA | 30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover | 1,220.54 | 39.71 |
| 33 05 63 00-0411 | EA | 30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover | 1,624.48 | 39.71 |
| 33 05 63 00-0412 | EA | 30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover | 1,733.80 | 26.80 |
| 33 05 63 00-0413 | EA | 36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover | 2,370.65 | 26.80 |

### 33 05 63 00-0414 Split, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*

| | | | | |
|---|---|---|---|---|
| 33 05 63 00-0415 | EA | 24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover | 562.21 | 12.37 |
| 33 05 63 00-0416 | EA | 36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover | 1,053.73 | 20.84 |
| 33 05 63 00-0417 | EA | 30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover | 1,100.17 | 39.71 |
| 33 05 63 00-0418 | EA | 6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 83.48 | 8.26 |
| 33 05 63 00-0419 | EA | 8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 144.44 | 8.26 |
| 33 05 63 00-0420 | EA | 12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 159.86 | 8.26 |
| 33 05 63 00-0421 | EA | 8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 170.06 | 8.26 |
| 33 05 63 00-0422 | EA | 10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 148.08 | 8.25 |
| 33 05 63 00-0423 | EA | 11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 267.86 | 8.25 |
| 33 05 63 00-0424 | EA | 24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 758.05 | 12.37 |
| 33 05 63 00-0425 | EA | 36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 1,406.92 | 20.84 |
| 33 05 63 00-0426 | EA | 30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover | 1,472.84 | 39.71 |

### 33 05 63 00-0427 Precast Concrete Handholes With Steel Cover *(33 05 63 00-0068)*

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).

| | | | | |
|---|---|---|---|---|
| 33 05 63 00-0428 | EA | 12" x 12" x 12" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 699.71 | 203.90 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *18.00* | |
| 33 05 63 00-0429 | EA | 12" x 24" x 21" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 1,168.48 | 305.85 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *95.50* | |
| 33 05 63 00-0430 | EA | 18" x 30" x 18" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 1,424.11 | 407.81 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *164.38* | |
| 33 05 63 00-0431 | EA | 24" x 24" x 24" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 1,476.05 | 407.81 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *206.04* | |
| 33 05 63 00-0432 | EA | 24" x 24" x 30" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 1,741.55 | 509.75 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *246.66* | |
| 33 05 63 00-0433 | EA | 30" x 36" x 30" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 1,828.04 | 509.75 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *275.06* | |
| 33 05 63 00-0434 | EA | 36" x 36" x 48" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 2,116.80 | 611.70 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *320.08* | |
| 33 05 63 00-0435 | EA | 48" x 48" x 48" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 2,432.83 | 713.65 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *458.48* | |
| 33 05 63 00-0436 | EA | 48" x 72" x 36" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 2,372.90 | 611.70 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *509.40* | |
| 33 05 63 00-0437 | EA | 54" x 38" x 24" Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 2,394.93 | 611.70 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *339.20* | |
| 33 05 63 00-0438 | EA | 6" Diameter Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 558.71 | 203.90 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *15.00* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 63 00-0439 | EA | 9" Diameter Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 656.08 | 229.38 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *15.00* | |
| 33 05 63 00-0440 | EA | 12" Diameter Precast Concrete Handholes With Steel Cover<br>Note: 8000 To 12000 pound traffic rated top. | 799.84 | 254.87 |
| | | *For 15,000 to 22,500 Pound Traffic Rated Top, Add* | *15.00* | |

## 33 05 81 Metallic Castings for Utility Structures *(33 05)*

### 33 05 81 00-0001 Manhole Accessories *(33 05 81)*

### 33 05 81 00-0002 Steps For Cast-In-Place Manholes *(33 05 81 00-0001)*

See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.

| | | | | |
|---|---|---|---|---|
| 33 05 81 00-0003 | EA | Cast Iron Manhole Step For New Manholes | 95.12 | |
| 33 05 81 00-0004 | EA | Galvanized Steel Manhole Step For New Manholes | 55.54 | |
| 33 05 81 00-0005 | EA | Aluminum Manhole Step For New Manholes | 62.03 | |

### 33 05 81 00-0006 Manhole Covers And Frames *(33 05 81)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

### 33 05 81 00-0007 Regular Manhole Covers And Frames *(33 05 81 00-0006)*

| | | | | |
|---|---|---|---|---|
| 33 05 81 00-0008 | EA | 18" Square, Gray Iron, Manhole Cover With Frame | 1,193.95 | 74.58 |
| | | *For Ductile Iron Castings, Add* | *677.92* | |
| 33 05 81 00-0009 | EA | 18" Diameter, Gray Iron, Manhole Cover With Frame | 695.58 | 74.58 |
| | | *For Ductile Iron Castings, Add* | *329.06* | |
| 33 05 81 00-0010 | EA | 24" Diameter, Gray Iron, Manhole Cover With Frame | 803.72 | 86.73 |
| | | *For Ductile Iron Castings, Add* | *380.46* | |
| 33 05 81 00-0011 | EA | 24" Square, Gray Iron, Manhole Cover With Frame | 1,233.47 | 96.26 |
| | | *For Ductile Iron Castings, Add* | *661.06* | |
| 33 05 81 00-0012 | EA | 26" Diameter, Gray Iron, Manhole Cover With Frame | 1,062.65 | 104.07 |
| | | *For Ductile Iron Castings, Add* | *524.43* | |
| 33 05 81 00-0013 | EA | 30" Diameter, Gray Iron, Manhole Cover With Frame | 1,108.18 | 108.42 |
| | | *For Ductile Iron Castings, Add* | *548.07* | |

### 33 05 81 00-0014 Watertight Type Manhole Covers And Frames *(33 05 81 00-0006)*

| | | | | |
|---|---|---|---|---|
| 33 05 81 00-0015 | EA | 20" Diameter, Gray Iron, Watertight Manhole Cover With Frame | 1,314.54 | 61.58 |
| | | *For Ductile Iron Castings, Add* | *748.60* | |
| 33 05 81 00-0016 | EA | 22" Diameter, Gray Iron, Watertight Manhole Cover With Frame | 1,338.22 | 61.58 |
| | | *For Ductile Iron Castings, Add* | *751.05* | |
| 33 05 81 00-0017 | EA | 24" Diameter, Gray Iron, Watertight Manhole Cover With Frame | 1,369.11 | 71.98 |
| | | *For Ductile Iron Castings, Add* | *756.01* | |
| 33 05 81 00-0018 | EA | 26" Diameter, Gray Iron, Watertight Manhole Cover With Frame | 1,623.15 | 80.66 |
| | | *For Ductile Iron Castings, Add* | *916.78* | |
| 33 05 81 00-0019 | EA | 30" Diameter, Gray Iron, Watertight Manhole Cover With Frame | 1,871.32 | 82.39 |
| | | *For Ductile Iron Castings, Add* | *1,082.27* | |
| 33 05 81 00-0020 | EA | 32" Diameter, Gray Iron, Watertight Manhole Cover With Frame | 1,966.58 | 84.12 |
| | | *For Ductile Iron Castings, Add* | *1,145.97* | |
| 33 05 81 00-0021 | EA | 36" Diameter, Gray Iron, Watertight Manhole Cover With Frame | 2,052.08 | 86.73 |
| | | *For Ductile Iron Castings, Add* | *1,202.72* | |

### 33 05 81 00-0022 Aluminum Manhole Covers And Frames *(33 05 81 00-0006)*

| | | | | |
|---|---|---|---|---|
| 33 05 81 00-0023 | EA | 12" Square Aluminum Manhole Cover With Frame | 762.28 | 26.94 |
| 33 05 81 00-0024 | EA | 18" Square Aluminum Manhole Cover With Frame | 1,379.27 | 29.82 |
| 33 05 81 00-0025 | EA | 24" Square Aluminum Manhole Cover With Frame | 1,971.34 | 34.63 |

### 33 05 81 00-0026 Removal And Reinstallation Of Manhole Cover And Frame *(33 05 81 00-0006)*

Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.

| | | | | |
|---|---|---|---|---|
| 33 05 81 00-0027 | EA | Removal And Reinstallation Of Manhole Cover And Frame | 347.74 | |

## 33 05 83 Non-Metallic Accessories for Utility Structures *(33 05)*

### 33 05 83 00-0001 Manhole Accessories *(33 05 83)*

### 33 05 83 00-0002 Steps For Cast-In-Place Manholes *(33 05 83 00-0001)*

See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.

| | | | | |
|---|---|---|---|---|
| 33 05 83 00-0003 | EA | Polypropylene Manhole Step For New Manholes | 41.48 | |

### 33 05 83 00-0004 Rainguard Inflow Protectors *(33 05 83)*

| | | | | |
|---|---|---|---|---|
| 33 05 83 00-0005 | EA | 18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors | 113.74 | 18.00 |
| 33 05 83 00-0006 | EA | 22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors | 134.22 | 18.00 |
| 33 05 83 00-0007 | EA | 24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors | 160.41 | 21.59 |
| 33 05 83 00-0008 | EA | 26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors | 173.35 | 21.59 |
| 33 05 83 00-0009 | EA | 30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors | 216.56 | 25.20 |
| 33 05 83 00-0010 | EA | 32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors | 232.45 | 25.20 |

## 33 05 84 Accessories for Utility Structures *(33 05)*

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| | | See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill. | | |
| 33 05 84 00-0001 | | **Manhole Accessories** *(33 05 84)* | | |
| 33 05 84 00-0002 | | **Precast Concrete Manhole Tops** *(33 05 84 00-0001)* | | |
| 33 05 84 00-0003 | | **Precast Concrete Manhole Slab Tops** *(33 05 84 00-0002)* | | |
| 33 05 84 00-0004 | EA | 3' Diameter x 8" Thick Precast Manhole Top Slab | 540.32 | 65.04 |
| 33 05 84 00-0005 | EA | 4' Diameter x 8" Thick Precast Manhole Top Slab | 779.66 | 70.25 |
| 33 05 84 00-0006 | EA | 5' Diameter x 8" Thick Precast Manhole Top Slab | 1,078.58 | 75.45 |
| 33 05 84 00-0007 | EA | 6' Diameter x 8" Thick Precast Manhole Top Slab | 1,302.57 | 80.66 |
| 33 05 84 00-0008 | EA | 7' Diameter x 8" Thick Precast Manhole Top Slab | 2,025.36 | 86.73 |
| 33 05 84 00-0009 | EA | 8' Diameter x 10" Thick Precast Manhole Top Slab | 2,739.06 | 95.40 |
| 33 05 84 00-0010 | EA | 10' Diameter, Precast Concrete Manhole Slab Top | 3,880.31 | 80.66 |
| 33 05 84 00-0011 | EA | 12' Diameter, Precast Concrete Manhole Slab Top | 5,517.25 | 80.66 |
| 33 05 84 00-0012 | | **Precast Concrete Manhole Cone Tops** *(33 05 84 00-0002)* | | |
| 33 05 84 00-0013 | EA | 3' Diameter x 8" Thick Precast Manhole Top Cone | 885.48 | 81.31 |
| 33 05 84 00-0014 | EA | 3'-6" Diameter x 8" Thick Precast Manhole Top Cone | 991.86 | 84.56 |
| 33 05 84 00-0015 | EA | 4' Diameter x 8" Thick Precast Manhole Top Cone | 1,098.27 | 87.81 |
| 33 05 84 00-0016 | EA | 5' Diameter x 8" Thick Precast Manhole Top Cone | 1,306.68 | 93.24 |
| 33 05 84 00-0017 | EA | 6' Diameter x 8" Thick Precast Manhole Top Cone | 1,519.45 | 99.74 |
| 33 05 84 00-0018 | EA | 7' Diameter x 8" Thick Precast Manhole Top Cone | 2,468.50 | 106.24 |
| 33 05 84 00-0019 | EA | 8' Diameter x 10" Thick Precast Manhole Top Cone | 3,119.37 | 117.09 |
| 33 05 84 00-0020 | | **Precast Concrete Manhole Reducer Slabs** *(33 05 84 00-0002)* | | |
| 33 05 84 00-0021 | EA | 5' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab | 1,036.18 | 75.45 |
| 33 05 84 00-0022 | EA | 6' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab | 1,338.16 | 80.66 |
| 33 05 84 00-0023 | EA | 7' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab | 1,772.77 | 80.66 |
| 33 05 84 00-0024 | EA | 8' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab | 2,817.01 | 80.66 |
| 33 05 84 00-0025 | EA | 10' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab | 3,629.40 | 80.66 |
| 33 05 84 00-0026 | EA | 12' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab | 5,265.33 | 80.66 |
| 33 05 84 00-0027 | | **Pipe To Manhole Connector** *(33 05 84 00-0001)* | | |
| 33 05 84 00-0028 | | **Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors** *(33 05 84 00-0027)* | | |
| 33 05 84 00-0029 | EA | 4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 81.47 | |
| 33 05 84 00-0030 | EA | 6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 118.12 | |
| 33 05 84 00-0031 | EA | 8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 133.25 | |
| 33 05 84 00-0032 | EA | 10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 198.69 | |
| 33 05 84 00-0033 | EA | 12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 276.47 | |
| 33 05 84 00-0034 | EA | 15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 367.03 | |
| 33 05 84 00-0035 | EA | 18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 654.29 | |
| 33 05 84 00-0036 | EA | 21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 907.02 | |
| 33 05 84 00-0037 | EA | 24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 1,422.56 | |
| 33 05 84 00-0038 | EA | 27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector | 1,677.51 | |
| 33 05 84 00-0039 | | **Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout** *(33 05 84 00-0027)* Note: Fernco CMA. | | |
| 33 05 84 00-0040 | EA | 4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout | 93.83 | |
| 33 05 84 00-0041 | EA | 6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout | 130.79 | |
| 33 05 84 00-0042 | EA | 8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout | 165.41 | |
| 33 05 84 00-0043 | EA | 10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout | 199.85 | |
| 33 05 84 00-0044 | EA | 12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout | 231.73 | |
| 33 05 84 00-0045 | | **Brick And Grout Pipe To Manhole Connector** *(33 05 84 00-0027)* | | |
| 33 05 84 00-0046 | EA | Seal Gap Between Pipe And Structure With Brick And Grout | 214.33 | |
| 33 05 84 00-0047 | | **Inverts For Manholes** *(33 05 84 00-0001)* | | |
| 33 05 84 00-0048 | EA | Single Channel Concrete Invert For Manholes | 342.21 | |
| 33 05 84 00-0049 | EA | Double Channel Concrete Invert For Manholes | 492.18 | |
| 33 05 84 00-0050 | EA | Triple Channel Concrete Invert For Manholes | 663.34 | |
| 33 05 84 00-0051 | EA | Quad Channel Concrete Invert For Manholes | 834.45 | |
| 33 05 84 00-0052 | EA | Single Channel Brick Invert For Manholes | 510.22 | |
| 33 05 84 00-0053 | EA | Double Channel Brick Invert For Manholes | 763.62 | |
| 33 05 84 00-0054 | EA | Triple Channel Brick Invert For Manholes | 1,021.32 | |
| 33 05 84 00-0055 | EA | Quad Channel Brick Invert For Manholes | 1,276.36 | |
| 33 05 84 00-0056 | | **Protective Coating For New Manholes** *(33 05 84 00-0001)* | | |
| 33 05 84 00-0057 | | **Polyurethane Protective Coating For New Manholes** *(33 05 84 00-0056)* | | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 84 00-0058 | VLF | 60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior | 184.23 | |
| | | *For 80 Mil Material, Add* | *27.64* | |
| | | *For 100 Mil Material, Add* | *55.27* | |
| | | *For 125 Mil Material, Add* | *87.36* | |
| | | *For 150 Mil Material, Add* | *119.46* | |
| | | *For 200 Mil Material, Add* | *177.11* | |
| | | *For 2 To 5 Manholes, Deduct* | *-12.48* | |
| | | *For 6 To 10 Manholes, Deduct* | *-20.35* | |
| | | *For >10 Manholes, Deduct* | *-40.71* | |
| 33 05 84 00-0059 | VLF | 60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior | 222.25 | |
| | | *For 80 Mil Material, Add* | *32.80* | |
| | | *For 100 Mil Material, Add* | *65.61* | |
| | | *For 125 Mil Material, Add* | *103.62* | |
| | | *For 150 Mil Material, Add* | *141.63* | |
| | | *For 200 Mil Material, Add* | *209.66* | |
| | | *For 2 To 5 Manholes, Deduct* | *-15.11* | |
| | | *For 6 To 10 Manholes, Deduct* | *-24.66* | |
| | | *For >10 Manholes, Deduct* | *-49.32* | |
| 33 05 84 00-0060 | VLF | 60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior | 245.64 | |
| | | *For 80 Mil Material, Add* | *36.85* | |
| | | *For 100 Mil Material, Add* | *73.69* | |
| | | *For 125 Mil Material, Add* | *116.49* | |
| | | *For 150 Mil Material, Add* | *159.28* | |
| | | *For 200 Mil Material, Add* | *236.14* | |
| | | *For 2 To 5 Manholes, Deduct* | *-16.64* | |
| | | *For 6 To 10 Manholes, Deduct* | *-27.14* | |
| | | *For >10 Manholes, Deduct* | *-54.28* | |
| 33 05 84 00-0061 | VLF | 60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior | 307.10 | |
| | | *For 80 Mil Material, Add* | *46.08* | |
| | | *For 100 Mil Material, Add* | *92.16* | |
| | | *For 125 Mil Material, Add* | *145.67* | |
| | | *For 150 Mil Material, Add* | *199.18* | |
| | | *For 200 Mil Material, Add* | *295.31* | |
| | | *For 2 To 5 Manholes, Deduct* | *-20.80* | |
| | | *For 6 To 10 Manholes, Deduct* | *-33.93* | |
| | | *For >10 Manholes, Deduct* | *-67.85* | |
| 33 05 84 00-0062 | VLF | 60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior | 356.90 | |
| | | *For 80 Mil Material, Add* | *54.42* | |
| | | *For 100 Mil Material, Add* | *108.84* | |
| | | *For 125 Mil Material, Add* | *172.18* | |
| | | *For 150 Mil Material, Add* | *235.52* | |
| | | *For 200 Mil Material, Add* | *349.70* | |
| | | *For 2 To 5 Manholes, Deduct* | *-24.09* | |
| | | *For 6 To 10 Manholes, Deduct* | *-39.26* | |
| | | *For >10 Manholes, Deduct* | *-78.52* | |

### 33 05 84 00-0063 Polyvinyl Chloride (PVC) Liner *(33 05 84 00-0056)*

Note: For new manholes and shop applied.

| | | | |
|---|---|---|---|
| 33 05 84 00-0064 | VLF | 3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole | 251.50 |
| 33 05 84 00-0065 | VLF | 3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole | 308.28 |
| 33 05 84 00-0066 | VLF | 4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole | 376.21 |
| 33 05 84 00-0067 | VLF | 5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole | 472.45 |
| 33 05 84 00-0068 | VLF | 6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole | 568.69 |
| 33 05 84 00-0069 | SF | Polyvinyl Chloride (PVC) Liner At Structures | 36.65 |

### 33 05 84 00-0070 Concrete Grade Extensions/Grade Rings *(33 05 84 00-0001)*

### 33 05 84 00-0071 18" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0070)*

| | | | |
|---|---|---|---|
| 33 05 84 00-0072 | EA | 4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings | 78.76 |
| 33 05 84 00-0073 | EA | 6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring | 86.71 |
| 33 05 84 00-0074 | EA | 8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring | 94.66 |
| 33 05 84 00-0075 | EA | 10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring | 102.61 |

### 33 05 84 00-0076 24" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0070)*

| | | | |
|---|---|---|---|
| 33 05 84 00-0077 | EA | 4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring | 88.52 |
| 33 05 84 00-0078 | EA | 6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring | 97.55 |
| 33 05 84 00-0079 | EA | 8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring | 106.58 |
| 33 05 84 00-0080 | EA | 10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring | 115.61 |

### 33 05 84 00-0081 30" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0070)*

| | | | |
|---|---|---|---|
| 33 05 84 00-0082 | EA | 4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring | 98.05 |
| 33 05 84 00-0083 | EA | 6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring | 108.12 |
| 33 05 84 00-0084 | EA | 8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring | 118.19 |
| 33 05 84 00-0085 | EA | 10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring | 128.26 |

### 33 05 84 00-0086 Bentonite Collar *(33 05 84 00-0001)*

### 33 05 84 00-0087 Bentonite Collar At Manhole Connections *(33 05 84 00-0086)*

| | | | |
|---|---|---|---|
| 33 05 84 00-0088 | EA | Up To 12" Pipe, Bentonite Collar At Manhole Connection | 142.86 |
| 33 05 84 00-0089 | EA | >12" To 21", Bentonite Collar At Manhole Connection | 226.36 |
| 33 05 84 00-0090 | EA | >21" To 30" Pipe, Bentonite Collar At Manhole Connection | 359.27 |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 84 00-0091 | EA | >30" To 36" Pipe, Bentonite Collar At Manhole Connection | 840.42 | |
| 33 05 84 00-0092 | EA | >36" To 48" Pipe, Bentonite Collar At Manhole Connection | 1,307.71 | |
| 33 05 84 00-0093 | EA | >48" To 60" Pipe, Bentonite Collar At Manhole Connection | 2,373.78 | |

### 33 05 84 00-0094 Waste Water Collection System Taps *(33 05 84)*

Note: For tapping existing structures only. Includes grout.

### 33 05 84 00-0095 Brick Manhole Taps *(33 05 84 00-0094)*

| | | | | |
|---|---|---|---|---|
| 33 05 84 00-0096 | EA | 4" Tap In 6" Brick Manhole | 466.59 | |
| 33 05 84 00-0097 | EA | 6" Tap In 6" Brick Manhole | 521.13 | |
| 33 05 84 00-0098 | EA | 8" Tap In 6" Brick Manhole | 574.70 | |
| 33 05 84 00-0099 | EA | 10" Tap In 6" Brick Manhole | 628.16 | |
| 33 05 84 00-0100 | EA | 12" Tap In 6" Brick Manhole | 693.32 | |
| 33 05 84 00-0101 | EA | 15" Tap In 6" Brick Manhole | 746.68 | |

### 33 05 84 00-0102 Precast Concrete Manhole Tap *(33 05 84 00-0094)*

| | | | | |
|---|---|---|---|---|
| 33 05 84 00-0103 | EA | 4" Tap In Existing Precast Concrete Manhole | 684.05 | |
| 33 05 84 00-0104 | EA | 6" Tap In Existing Precast Concrete Manhole | 765.87 | |
| 33 05 84 00-0105 | EA | 8" Tap In Existing Precast Concrete Manhole | 857.10 | |
| 33 05 84 00-0106 | EA | 10" Tap In Existing Precast Concrete Manhole | 937.30 | |
| 33 05 84 00-0107 | EA | 12" Tap In Existing Precast Concrete Manhole | 1,017.34 | |
| 33 05 84 00-0108 | EA | 15" Tap In Existing Precast Concrete Manhole | 1,099.31 | |
| 33 05 84 00-0109 | EA | 18" Tap In Existing Precast Concrete Manhole | 1,267.88 | |
| 33 05 84 00-0110 | EA | 24" Tap In Existing Precast Concrete Manhole | 1,631.53 | |

## 33 05 97 Identification and Signage for Utilities *(33 05)*

### 33 05 97 16 Markers for Utility Identification *(33 05 97)*

### 33 05 97 16-0001 Reflective Sheeting Delineators *(33 05 97 16)*

| | | | |
|---|---|---|---|
| 33 05 97 16-0002 | EA | Delineator, Single Unit One Way On Post, 3" Diameter or 3" x 3" Square | 36.21 |
| 33 05 97 16-0003 | EA | Delineator, Single Unit Back To Back On Post, 3" Diameter or 3" x 3" Square | 38.34 |
| 33 05 97 16-0004 | EA | Delineator, Single Unit Two Way On Post, 3" Diameter or 3" x 3" Square | 42.60 |
| 33 05 97 16-0005 | EA | Delineator, Single Unit Three Way On Post, 3" Diameter or 3" x 3" Square | 44.73 |
| 33 05 97 16-0006 | EA | Delineator, Single Unit Four Way On Post, 3" Diameter or 3" x 3" Square | 46.86 |
| 33 05 97 16-0007 | EA | Delineator, Double Unit On Post, 3" Diameter or 3" x 3" Square | 41.00 |
| 33 05 97 16-0008 | EA | Delineator, Single Unit Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square | 36.74 |
| 33 05 97 16-0009 | EA | Delineator, Double Unit Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square | 38.87 |
| 33 05 97 16-0010 | EA | Delineator, Single Unit, Back To Back, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square | 38.87 |
| 33 05 97 16-0011 | EA | Delineator, Single Unit, Two Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square | 41.00 |
| 33 05 97 16-0012 | EA | Delineator, Single Unit, Three Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square | 43.13 |
| 33 05 97 16-0013 | EA | Delineator, Single Unit, Four Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square | 45.26 |
| 33 05 97 16-0014 | EA | Delineator, White, Single Unit, One Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square | 64.42 |
| 33 05 97 16-0015 | EA | Delineator, Single Unit Three Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square | 44.73 |
| 33 05 97 16-0016 | EA | Delineator, White, Double Unit On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square | 67.08 |
| 33 05 97 16-0017 | EA | Delineator, Yellow, Single Unit, One Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square | 64.42 |
| 33 05 97 16-0018 | EA | Delineator, Yellow, Single Unit, Back To Back On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square | 66.55 |
| 33 05 97 16-0019 | EA | Delineator, Yellow, Double Unit, On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square | 67.08 |
| 33 05 97 16-0020 | EA | Relocate Delineator | 47.31 |

### 33 05 97 16-0021 Reference Markers *(33 05 97 16)*

| | | | |
|---|---|---|---|
| 33 05 97 16-0022 | EA | Reference Marker, 4' Mounting Height | 88.25 |
| 33 05 97 16-0023 | EA | Reference Marker, 7' Mounting Height | 112.74 |
| 33 05 97 16-0024 | EA | Reference Marker, Band Or Bracket Mounted | 105.59 |
| 33 05 97 16-0025 | EA | Reference Marker, Furnish Panel Only | 105.10 |
| 33 05 97 16-0026 | EA | Relocate Reference Marker | 47.31 |

### 33 05 97 16-0027 Object Markers *(33 05 97 16)*

| | | | |
|---|---|---|---|
| 33 05 97 16-0028 | EA | Object Marker, Type L-1 | 78.52 |
| 33 05 97 16-0029 | EA | Object Marker, Type L-2 | 71.97 |
| 33 05 97 16-0030 | EA | Object Marker, Type K-1 | 83.76 |
| 33 05 97 16-0031 | EA | Object Marker, Type K-2 | 77.21 |
| 33 05 97 16-0032 | EA | Object Marker, Type Q | 51.00 |

### 33 05 97 23 Utility Identification Warning Tape *(33 05 97)*

### 33 05 97 23-0001 Non-Detectable Utility Warning Tape *(33 05 97 23)*

Note: Labor installation is included with pipe and excavation..

| | | | |
|---|---|---|---|
| 33 05 97 23-0002 | CLF | 3" Non-Detectable Utility Warning Tape | 6.56 |
| 33 05 97 23-0003 | CLF | 6" Non-Detectable Utility Warning Tape | 9.43 |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 05 97 23-0004 | | **Detectable Utility Warning Tape** *(33 05 97 23)*<br>Note: Labor installation is included with pipe and excavation.. | | |
| 33 05 97 23-0005 | CLF | 2" Detectable Utility Warning Tape | 6.72 | |
| 33 05 97 23-0006 | CLF | 3" Detectable Utility Warning Tape | 9.31 | |
| 33 05 97 23-0007 | CLF | 6" Detectable Utility Warning Tape | 15.23 | |

# 33 10 Water Utilities *(33)*

## 33 11 Groundwater Sources *(33 10)*

### 33 11 13 Potable Water Supply Wells *(33 11)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0001 | | **Drill And Test Water Well** *(33 11 13)* | | |
| 33 11 13 00-0002 | | **Drill Hole** *(33 11 13 00-0001)*<br>Note: Excludes loading and hauling of spoils. | | |
| 33 11 13 00-0003 | | **Mobilization And Demobilization** *(33 11 13 00-0002)* | | |
| 33 11 13 00-0004 | EA | Up To 12" Diameter, Well Drilling Mobilization And Demobilization | 913.76 | |
| 33 11 13 00-0005 | EA | >12" To 24" Diameter, Well Drilling Mobilization And Demobilization | 1,108.20 | |
| 33 11 13 00-0006 | EA | >24" To 36" Diameter, Well Drilling Mobilization And Demobilization | 1,662.29 | |
| 33 11 13 00-0007 | | **Drill Hole In Normal Soil, Sand, Gravel, O.B.** *(33 11 13 00-0002)*<br>Note: Excludes well casing, gravel or materials. | | |
| 33 11 13 00-0008 | LF | Up To 6" Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 21.47 | |
| | | *For >100 To 250, Add* | *0.54* | |
| | | *For >250 To 400, Add* | *1.07* | |
| | | *For >400 To 600, Add* | *1.61* | |
| | | *For >600 To 750, Add* | *2.15* | |
| | | *For >750, Add* | *2.68* | |
| 33 11 13 00-0009 | LF | 8" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 25.49 | |
| | | *For >100 To 250, Add* | *0.64* | |
| | | *For >250 To 400, Add* | *1.27* | |
| | | *For >400 To 600, Add* | *1.91* | |
| | | *For >600 To 750, Add* | *2.55* | |
| | | *For >750, Add* | *3.19* | |
| 33 11 13 00-0010 | LF | 10" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 34.07 | |
| | | *For >100 To 250, Add* | *0.85* | |
| | | *For >250 To 400, Add* | *1.70* | |
| | | *For >400 To 600, Add* | *2.56* | |
| | | *For >600 To 750, Add* | *3.41* | |
| | | *For >750, Add* | *4.26* | |
| 33 11 13 00-0011 | LF | 12" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 53.33 | |
| | | *For >100 To 250, Add* | *1.33* | |
| | | *For >250 To 400, Add* | *2.67* | |
| | | *For >400 To 600, Add* | *4.00* | |
| | | *For >600 To 750, Add* | *5.33* | |
| | | *For >750, Add* | *6.67* | |
| 33 11 13 00-0012 | LF | 14" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 76.74 | |
| | | *For >100 To 250, Add* | *1.92* | |
| | | *For >250 To 400, Add* | *3.84* | |
| | | *For >400 To 600, Add* | *5.76* | |
| | | *For >600 To 750, Add* | *7.67* | |
| | | *For >750, Add* | *9.59* | |
| 33 11 13 00-0013 | LF | 16" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 100.29 | |
| | | *For >100 To 250, Add* | *2.51* | |
| | | *For >250 To 400, Add* | *5.01* | |
| | | *For >400 To 600, Add* | *7.52* | |
| | | *For >600 To 750, Add* | *10.03* | |
| | | *For >750, Add* | *12.54* | |
| 33 11 13 00-0014 | LF | 18" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 119.13 | |
| | | *For >100 To 250, Add* | *2.98* | |
| | | *For >250 To 400, Add* | *5.96* | |
| | | *For >400 To 600, Add* | *8.93* | |
| | | *For >600 To 750, Add* | *11.91* | |
| | | *For >750, Add* | *14.89* | |
| 33 11 13 00-0015 | LF | 20" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 138.52 | |
| | | *For >100 To 250, Add* | *3.46* | |
| | | *For >250 To 400, Add* | *6.93* | |
| | | *For >400 To 600, Add* | *10.39* | |
| | | *For >600 To 750, Add* | *13.85* | |
| | | *For >750, Add* | *17.32* | |
| 33 11 13 00-0016 | LF | 22" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 162.76 | |
| | | *For >100 To 250, Add* | *4.07* | |
| | | *For >250 To 400, Add* | *8.14* | |
| | | *For >400 To 600, Add* | *12.21* | |
| | | *For >600 To 750, Add* | *16.28* | |
| | | *For >750, Add* | *20.35* | |
| 33 11 13 00-0017 | LF | 24" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 191.86 | |
| | | *For >100 To 250, Add* | *4.80* | |
| | | *For >250 To 400, Add* | *9.59* | |
| | | *For >400 To 600, Add* | *14.39* | |
| | | *For >600 To 750, Add* | *19.19* | |
| | | *For >750, Add* | *23.98* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 11 13 00-0018 | LF | 26" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 207.37 | |
| | | *For >100 To 250, Add* | *5.18* | |
| | | *For >250 To 400, Add* | *10.37* | |
| | | *For >400 To 600, Add* | *15.55* | |
| | | *For >600 To 750, Add* | *20.74* | |
| | | *For >750, Add* | *25.92* | |
| 33 11 13 00-0019 | LF | 28" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 228.15 | |
| | | *For >100 To 250, Add* | *5.70* | |
| | | *For >250 To 400, Add* | *11.41* | |
| | | *For >400 To 600, Add* | *17.11* | |
| | | *For >600 To 750, Add* | *22.82* | |
| | | *For >750, Add* | *28.52* | |
| 33 11 13 00-0020 | LF | 30" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 249.90 | |
| | | *For >100 To 250, Add* | *6.25* | |
| | | *For >250 To 400, Add* | *12.50* | |
| | | *For >400 To 600, Add* | *18.74* | |
| | | *For >600 To 750, Add* | *24.99* | |
| | | *For >750, Add* | *31.24* | |
| 33 11 13 00-0021 | LF | 36" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. | 310.85 | |
| | | *For >100 To 250, Add* | *7.77* | |
| | | *For >250 To 400, Add* | *15.54* | |
| | | *For >400 To 600, Add* | *23.31* | |
| | | *For >600 To 750, Add* | *31.09* | |
| | | *For >750, Add* | *38.86* | |

## 33 11 13 00-0022 Drill Hole In Sedimentary Rock *(33 11 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0023 | LF | 6" Water Well Hole Drilled In Sedimentary Rock | 43.78 | |
| | | *For >100 To 250, Add* | *1.09* | |
| | | *For >250 To 400, Add* | *2.19* | |
| | | *For >400 To 600, Add* | *3.28* | |
| | | *For >600 To 750, Add* | *4.38* | |
| | | *For >750, Add* | *5.47* | |
| 33 11 13 00-0024 | LF | 8" Water Well Hole Drilled In Sedimentary Rock | 50.97 | |
| | | *For >100 To 250, Add* | *1.27* | |
| | | *For >250 To 400, Add* | *2.55* | |
| | | *For >400 To 600, Add* | *3.82* | |
| | | *For >600 To 750, Add* | *5.10* | |
| | | *For >750, Add* | *6.37* | |
| 33 11 13 00-0025 | LF | 10" Water Well Hole Drilled In Sedimentary Rock | 81.62 | |
| | | *For >100 To 250, Add* | *2.04* | |
| | | *For >250 To 400, Add* | *4.08* | |
| | | *For >400 To 600, Add* | *6.12* | |
| | | *For >600 To 750, Add* | *8.16* | |
| | | *For >750, Add* | *10.20* | |
| 33 11 13 00-0026 | LF | 12" Water Well Hole Drilled In Sedimentary Rock | 106.71 | |
| | | *For >100 To 250, Add* | *2.67* | |
| | | *For >250 To 400, Add* | *5.34* | |
| | | *For >400 To 600, Add* | *8.00* | |
| | | *For >600 To 750, Add* | *10.67* | |
| | | *For >750, Add* | *13.34* | |
| 33 11 13 00-0027 | LF | 14" Water Well Hole Drilled In Sedimentary Rock | 153.60 | |
| | | *For >100 To 250, Add* | *3.84* | |
| | | *For >250 To 400, Add* | *7.68* | |
| | | *For >400 To 600, Add* | *11.52* | |
| | | *For >600 To 750, Add* | *15.36* | |
| | | *For >750, Add* | *19.20* | |
| 33 11 13 00-0028 | LF | 16" Water Well Hole Drilled In Sedimentary Rock | 200.47 | |
| | | *For >100 To 250, Add* | *5.01* | |
| | | *For >250 To 400, Add* | *10.02* | |
| | | *For >400 To 600, Add* | *15.04* | |
| | | *For >600 To 750, Add* | *20.05* | |
| | | *For >750, Add* | *25.06* | |
| 33 11 13 00-0029 | LF | 18" Water Well Hole Drilled In Sedimentary Rock | 238.37 | |
| | | *For >100 To 250, Add* | *5.96* | |
| | | *For >250 To 400, Add* | *11.92* | |
| | | *For >400 To 600, Add* | *17.88* | |
| | | *For >600 To 750, Add* | *23.84* | |
| | | *For >750, Add* | *29.80* | |
| 33 11 13 00-0030 | LF | 20" Water Well Hole Drilled In Sedimentary Rock | 276.61 | |
| | | *For >100 To 250, Add* | *6.92* | |
| | | *For >250 To 400, Add* | *13.83* | |
| | | *For >400 To 600, Add* | *20.75* | |
| | | *For >600 To 750, Add* | *27.66* | |
| | | *For >750, Add* | *34.58* | |
| 33 11 13 00-0031 | LF | 22" Water Well Hole Drilled In Sedimentary Rock | 325.81 | |
| | | *For >100 To 250, Add* | *8.15* | |
| | | *For >250 To 400, Add* | *16.29* | |
| | | *For >400 To 600, Add* | *24.44* | |
| | | *For >600 To 750, Add* | *32.58* | |
| | | *For >750, Add* | *40.73* | |
| 33 11 13 00-0032 | LF | 24" Water Well Hole Drilled In Sedimentary Rock | 376.34 | |
| | | *For >100 To 250, Add* | *9.41* | |
| | | *For >250 To 400, Add* | *18.82* | |
| | | *For >400 To 600, Add* | *28.23* | |
| | | *For >600 To 750, Add* | *37.63* | |
| | | *For >750, Add* | *47.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 11 13 00-0033 | LF | 26" Water Well Hole Drilled In Sedimentary Rock | 414.74 | |
| | | *For >100 To 250, Add* | *10.37* | |
| | | *For >250 To 400, Add* | *20.74* | |
| | | *For >400 To 600, Add* | *31.11* | |
| | | *For >600 To 750, Add* | *41.47* | |
| | | *For >750, Add* | *51.84* | |
| 33 11 13 00-0034 | LF | 28" Water Well Hole Drilled In Sedimentary Rock | 456.30 | |
| | | *For >100 To 250, Add* | *11.41* | |
| | | *For >250 To 400, Add* | *22.82* | |
| | | *For >400 To 600, Add* | *34.22* | |
| | | *For >600 To 750, Add* | *45.63* | |
| | | *For >750, Add* | *57.04* | |
| 33 11 13 00-0035 | LF | 30" Water Well Hole Drilled In Sedimentary Rock | 499.79 | |
| | | *For >100 To 250, Add* | *12.49* | |
| | | *For >250 To 400, Add* | *24.99* | |
| | | *For >400 To 600, Add* | *37.48* | |
| | | *For >600 To 750, Add* | *49.98* | |
| | | *For >750, Add* | *62.47* | |
| 33 11 13 00-0036 | LF | 36" Water Well Hole Drilled In Sedimentary Rock | 621.69 | |
| | | *For >100 To 250, Add* | *15.54* | |
| | | *For >250 To 400, Add* | *31.08* | |
| | | *For >400 To 600, Add* | *46.63* | |
| | | *For >600 To 750, Add* | *62.17* | |
| | | *For >750, Add* | *77.71* | |

## 33 11 13 00-0037 Drill Hole In Crystalline Rock *(33 11 13 00-0002)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0038 | LF | 6" Water Well Hole Drilled In Crystalline Rock | 90.04 | |
| | | *For >100 To 250, Add* | *2.25* | |
| | | *For >250 To 400, Add* | *4.50* | |
| | | *For >400 To 600, Add* | *6.75* | |
| | | *For >600 To 750, Add* | *9.00* | |
| | | *For >750, Add* | *11.26* | |
| 33 11 13 00-0039 | LF | 8" Water Well Hole Drilled In Crystalline Rock | 103.89 | |
| | | *For >100 To 250, Add* | *2.60* | |
| | | *For >250 To 400, Add* | *5.19* | |
| | | *For >400 To 600, Add* | *7.79* | |
| | | *For >600 To 750, Add* | *10.39* | |
| | | *For >750, Add* | *12.99* | |
| 33 11 13 00-0040 | LF | 10" Water Well Hole Drilled In Crystalline Rock | 119.13 | |
| | | *For >100 To 250, Add* | *2.98* | |
| | | *For >250 To 400, Add* | *5.96* | |
| | | *For >400 To 600, Add* | *8.93* | |
| | | *For >600 To 750, Add* | *11.91* | |
| | | *For >750, Add* | *14.89* | |
| 33 11 13 00-0041 | LF | 12" Water Well Hole Drilled In Crystalline Rock | 150.99 | |
| | | *For >100 To 250, Add* | *3.77* | |
| | | *For >250 To 400, Add* | *7.55* | |
| | | *For >400 To 600, Add* | *11.32* | |
| | | *For >600 To 750, Add* | *15.10* | |
| | | *For >750, Add* | *18.87* | |
| 33 11 13 00-0042 | LF | 14" Water Well Hole Drilled In Crystalline Rock | 195.32 | |
| | | *For >100 To 250, Add* | *4.88* | |
| | | *For >250 To 400, Add* | *9.77* | |
| | | *For >400 To 600, Add* | *14.65* | |
| | | *For >600 To 750, Add* | *19.53* | |
| | | *For >750, Add* | *24.42* | |
| 33 11 13 00-0043 | LF | 16" Water Well Hole Drilled In Crystalline Rock | 283.97 | |
| | | *For >100 To 250, Add* | *7.10* | |
| | | *For >250 To 400, Add* | *14.20* | |
| | | *For >400 To 600, Add* | *21.30* | |
| | | *For >600 To 750, Add* | *28.40* | |
| | | *For >750, Add* | *35.50* | |
| 33 11 13 00-0044 | LF | 18" Water Well Hole Drilled In Crystalline Rock | 338.00 | |
| | | *For >100 To 250, Add* | *8.45* | |
| | | *For >250 To 400, Add* | *16.90* | |
| | | *For >400 To 600, Add* | *25.35* | |
| | | *For >600 To 750, Add* | *33.80* | |
| | | *For >750, Add* | *42.25* | |
| 33 11 13 00-0045 | LF | 20" Water Well Hole Drilled In Crystalline Rock | 392.02 | |
| | | *For >100 To 250, Add* | *9.80* | |
| | | *For >250 To 400, Add* | *19.60* | |
| | | *For >400 To 600, Add* | *29.40* | |
| | | *For >600 To 750, Add* | *39.20* | |
| | | *For >750, Add* | *49.00* | |
| 33 11 13 00-0046 | LF | 22" Water Well Hole Drilled In Crystalline Rock | 461.28 | |
| | | *For >100 To 250, Add* | *11.53* | |
| | | *For >250 To 400, Add* | *23.06* | |
| | | *For >400 To 600, Add* | *34.60* | |
| | | *For >600 To 750, Add* | *46.13* | |
| | | *For >750, Add* | *57.66* | |
| 33 11 13 00-0047 | LF | 24" Water Well Hole Drilled In Crystalline Rock | 533.32 | |
| | | *For >100 To 250, Add* | *13.33* | |
| | | *For >250 To 400, Add* | *26.67* | |
| | | *For >400 To 600, Add* | *40.00* | |
| | | *For >600 To 750, Add* | *53.33* | |
| | | *For >750, Add* | *66.67* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 11 13 00-0048 | | **Furnish And Install Casing** *(33 11 13 00-0001)* Note: Excludes drilling of hole. | | |
| 33 11 13 00-0049 | | **Steel Well Casing** *(33 11 13 00-0048)* | | |
| 33 11 13 00-0050 | LF | 6" Diameter, Steel Well Casing, Flush | 36.49 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 400, Deduct* | *-2.00* | |
| | | *For >400 To 600, Deduct* | *-2.99* | |
| | | *For >600 To 750, Deduct* | *-3.99* | |
| | | *For >750, Deduct* | *-5.21* | |
| 33 11 13 00-0051 | LF | 8" Diameter, Steel Well Casing, Flush | 45.37 | |
| | | *For >100 To 250, Deduct* | *-1.35* | |
| | | *For >250 To 400, Deduct* | *-2.48* | |
| | | *For >400 To 600, Deduct* | *-3.72* | |
| | | *For >600 To 750, Deduct* | *-4.97* | |
| | | *For >750, Deduct* | *-6.49* | |
| 33 11 13 00-0052 | LF | 10" Diameter, Steel Well Casing, Flush | 67.39 | |
| | | *For >100 To 250, Deduct* | *-1.94* | |
| | | *For >250 To 400, Deduct* | *-3.63* | |
| | | *For >400 To 600, Deduct* | *-5.44* | |
| | | *For >600 To 750, Deduct* | *-7.25* | |
| | | *For >750, Deduct* | *-9.40* | |
| 33 11 13 00-0053 | LF | 12" Diameter, Steel Well Casing, Flush | 113.51 | |
| | | *For >100 To 250, Deduct* | *-3.15* | |
| | | *For >250 To 400, Deduct* | *-5.98* | |
| | | *For >400 To 600, Deduct* | *-8.98* | |
| | | *For >600 To 750, Deduct* | *-11.97* | |
| | | *For >750, Deduct* | *-15.36* | |
| 33 11 13 00-0054 | LF | 14" Diameter, Steel Well Casing, Flush | 127.02 | |
| | | *For >100 To 250, Deduct* | *-3.61* | |
| | | *For >250 To 400, Deduct* | *-6.78* | |
| | | *For >400 To 600, Deduct* | *-10.17* | |
| | | *For >600 To 750, Deduct* | *-13.56* | |
| | | *For >750, Deduct* | *-17.51* | |
| 33 11 13 00-0055 | LF | 16" Diameter, Steel Well Casing, Flush | 149.02 | |
| | | *For >100 To 250, Deduct* | *-4.26* | |
| | | *For >250 To 400, Deduct* | *-7.98* | |
| | | *For >400 To 600, Deduct* | *-11.98* | |
| | | *For >600 To 750, Deduct* | *-15.97* | |
| | | *For >750, Deduct* | *-20.65* | |
| 33 11 13 00-0056 | LF | 18" Diameter, Steel Well Casing, Flush | 169.81 | |
| | | *For >100 To 250, Deduct* | *-4.92* | |
| | | *For >250 To 400, Deduct* | *-9.16* | |
| | | *For >400 To 600, Deduct* | *-13.74* | |
| | | *For >600 To 750, Deduct* | *-18.32* | |
| | | *For >750, Deduct* | *-23.77* | |
| 33 11 13 00-0057 | LF | 20" Diameter, Steel Well Casing, Flush | 193.38 | |
| | | *For >100 To 250, Deduct* | *-5.66* | |
| | | *For >250 To 400, Deduct* | *-10.49* | |
| | | *For >400 To 600, Deduct* | *-15.74* | |
| | | *For >600 To 750, Deduct* | *-20.99* | |
| | | *For >750, Deduct* | *-27.31* | |
| 33 11 13 00-0058 | LF | 24" Diameter, Steel Well Casing, Flush | 226.14 | |
| | | *For >100 To 250, Deduct* | *-6.58* | |
| | | *For >250 To 400, Deduct* | *-12.23* | |
| | | *For >400 To 600, Deduct* | *-18.35* | |
| | | *For >600 To 750, Deduct* | *-24.47* | |
| | | *For >750, Deduct* | *-31.79* | |
| 33 11 13 00-0059 | LB | Steel Well Casing, Furnish And Install | 1.17 | |
| | | *For >100 To 250, Deduct* | *-0.04* | |
| | | *For >250 To 400, Deduct* | *-0.07* | |
| | | *For >400 To 600, Deduct* | *-0.11* | |
| | | *For >600 To 750, Deduct* | *-0.14* | |
| | | *For >750, Deduct* | *-0.19* | |
| 33 11 13 00-0060 | | **Stainless Steel Well Casing, Flush Threaded** *(33 11 13 00-0048)* | | |
| 33 11 13 00-0061 | LF | 6" Diameter, Stainless Steel Well Casing, Flush | 88.18 | |
| | | *For >100 To 250, Deduct* | *-2.38* | |
| | | *For >250 To 400, Deduct* | *-4.58* | |
| | | *For >400 To 600, Deduct* | *-6.87* | |
| | | *For >600 To 750, Deduct* | *-9.16* | |
| | | *For >750, Deduct* | *-11.68* | |
| 33 11 13 00-0062 | LF | 8" Diameter, Stainless Steel Well Casing, Flush | 133.07 | |
| | | *For >100 To 250, Deduct* | *-3.54* | |
| | | *For >250 To 400, Deduct* | *-6.87* | |
| | | *For >400 To 600, Deduct* | *-10.30* | |
| | | *For >600 To 750, Deduct* | *-13.74* | |
| | | *For >750, Deduct* | *-17.45* | |
| 33 11 13 00-0063 | LF | 10" Diameter, Stainless Steel Well Casing, Flush | 186.30 | |
| | | *For >100 To 250, Deduct* | *-4.93* | |
| | | *For >250 To 400, Deduct* | *-9.59* | |
| | | *For >400 To 600, Deduct* | *-14.38* | |
| | | *For >600 To 750, Deduct* | *-19.18* | |
| | | *For >750, Deduct* | *-24.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 11 13 00-0064 | LF | 12" Diameter, Stainless Steel Well Casing, Flush | 216.57 | |
| | | *For >100 To 250, Deduct* | *-5.74* | |
| | | *For >250 To 400, Deduct* | *-11.16* | |
| | | *For >400 To 600, Deduct* | *-16.73* | |
| | | *For >600 To 750, Deduct* | *-22.31* | |
| | | *For >750, Deduct* | *-28.31* | |

### 33 11 13 00-0065 Stainless Steel Well Casing, Welded Ring *(33 11 13 00-0048)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0066 | LF | 10" Diameter, Stainless Steel Well Casing, Welded | 194.55 | |
| | | *For >100 To 250, Deduct* | *-5.34* | |
| | | *For >250 To 400, Deduct* | *-10.21* | |
| | | *For >400 To 600, Deduct* | *-15.31* | |
| | | *For >600 To 750, Deduct* | *-20.42* | |
| | | *For >750, Deduct* | *-26.15* | |
| 33 11 13 00-0067 | LF | 12" Diameter, Stainless Steel Well Casing, Welded | 225.51 | |
| | | *For >100 To 250, Deduct* | *-6.19* | |
| | | *For >250 To 400, Deduct* | *-11.83* | |
| | | *For >400 To 600, Deduct* | *-17.74* | |
| | | *For >600 To 750, Deduct* | *-23.65* | |
| | | *For >750, Deduct* | *-30.28* | |
| 33 11 13 00-0068 | LF | 14" Diameter, Stainless Steel Well Casing, Welded | 271.63 | |
| | | *For >100 To 250, Deduct* | *-7.41* | |
| | | *For >250 To 400, Deduct* | *-14.20* | |
| | | *For >400 To 600, Deduct* | *-21.30* | |
| | | *For >600 To 750, Deduct* | *-28.40* | |
| | | *For >750, Deduct* | *-36.30* | |
| 33 11 13 00-0069 | LF | 16" Diameter, Stainless Steel Well Casing, Welded | 311.09 | |
| | | *For >100 To 250, Deduct* | *-8.48* | |
| | | *For >250 To 400, Deduct* | *-16.26* | |
| | | *For >400 To 600, Deduct* | *-24.39* | |
| | | *For >600 To 750, Deduct* | *-32.52* | |
| | | *For >750, Deduct* | *-41.56* | |
| 33 11 13 00-0070 | LF | 18" Diameter, Stainless Steel Well Casing, Welded | 343.07 | |
| | | *For >100 To 250, Deduct* | *-9.38* | |
| | | *For >250 To 400, Deduct* | *-17.96* | |
| | | *For >400 To 600, Deduct* | *-26.94* | |
| | | *For >600 To 750, Deduct* | *-35.92* | |
| | | *For >750, Deduct* | *-45.95* | |
| 33 11 13 00-0071 | LF | 20" Diameter, Stainless Steel Well Casing, Welded | 451.00 | |
| | | *For >100 To 250, Deduct* | *-12.24* | |
| | | *For >250 To 400, Deduct* | *-23.51* | |
| | | *For >400 To 600, Deduct* | *-35.27* | |
| | | *For >600 To 750, Deduct* | *-47.02* | |
| | | *For >750, Deduct* | *-60.03* | |
| 33 11 13 00-0072 | LF | 24" Diameter, Stainless Steel Well Casing, Welded | 595.21 | |
| | | *For >100 To 250, Deduct* | *-16.08* | |
| | | *For >250 To 400, Deduct* | *-30.96* | |
| | | *For >400 To 600, Deduct* | *-46.44* | |
| | | *For >600 To 750, Deduct* | *-61.93* | |
| | | *For >750, Deduct* | *-78.97* | |

### 33 11 13 00-0073 Polyvinyl Chloride (PVC) Well Casing, Schedule 80 *(33 11 13 00-0048)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0074 | LF | 6" Polyvinyl Chloride (PVC) Well Casing | 37.85 | |
| | | *For >100 To 250, Deduct* | *-1.08* | |
| | | *For >250 To 400, Deduct* | *-2.03* | |
| | | *For >400 To 600, Deduct* | *-3.05* | |
| | | *For >600 To 750, Deduct* | *-4.06* | |
| | | *For >750, Deduct* | *-5.25* | |
| 33 11 13 00-0075 | LF | 8" Polyvinyl Chloride (PVC) Well Casing | 60.11 | |
| | | *For >100 To 250, Deduct* | *-1.72* | |
| | | *For >250 To 400, Deduct* | *-3.22* | |
| | | *For >400 To 600, Deduct* | *-4.83* | |
| | | *For >600 To 750, Deduct* | *-6.44* | |
| | | *For >750, Deduct* | *-8.33* | |
| 33 11 13 00-0076 | LF | 10" Polyvinyl Chloride (PVC) Well Casing | 90.85 | |
| | | *For >100 To 250, Deduct* | *-2.60* | |
| | | *For >250 To 400, Deduct* | *-4.87* | |
| | | *For >400 To 600, Deduct* | *-7.30* | |
| | | *For >600 To 750, Deduct* | *-9.74* | |
| | | *For >750, Deduct* | *-12.60* | |
| 33 11 13 00-0077 | LF | 12" Polyvinyl Chloride (PVC) Well Casing | 107.17 | |
| | | *For >100 To 250, Deduct* | *-3.07* | |
| | | *For >250 To 400, Deduct* | *-5.75* | |
| | | *For >400 To 600, Deduct* | *-8.63* | |
| | | *For >600 To 750, Deduct* | *-11.51* | |
| | | *For >750, Deduct* | *-14.90* | |

### 33 11 13 00-0078 Furnish And Install Well Screen Assembly *(33 11 13 00-0001)*

### 33 11 13 00-0079 Stainless Steel Well Screen *(33 11 13 00-0078)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 11 13 00-0080 | LF | 2" Stainless Steel Well Screen | 25.45 | 1.38 |
| | | *For >100 To 250, Deduct* | *-0.81* | |
| | | *For >250 To 400, Deduct* | *-1.45* | |
| | | *For >400 To 600, Deduct* | *-2.17* | |
| | | *For >600 To 750, Deduct* | *-2.90* | |
| | | *For >750, Deduct* | *-3.85* | |
| 33 11 13 00-0081 | LF | 3" Stainless Steel Well Screen | 41.86 | 1.38 |
| | | *For >100 To 250, Deduct* | *-1.24* | |
| | | *For >250 To 400, Deduct* | *-2.28* | |
| | | *For >400 To 600, Deduct* | *-3.42* | |
| | | *For >600 To 750, Deduct* | *-4.57* | |
| | | *For >750, Deduct* | *-5.96* | |
| 33 11 13 00-0082 | LF | 4" Stainless Steel Well Screen | 52.57 | 2.06 |
| | | *For >100 To 250, Deduct* | *-1.56* | |
| | | *For >250 To 400, Deduct* | *-2.87* | |
| | | *For >400 To 600, Deduct* | *-4.30* | |
| | | *For >600 To 750, Deduct* | *-5.74* | |
| | | *For >750, Deduct* | *-7.49* | |
| 33 11 13 00-0083 | LF | 5" Stainless Steel Well Screen | 66.75 | 2.06 |
| | | *For >100 To 250, Deduct* | *-1.96* | |
| | | *For >250 To 400, Deduct* | *-3.62* | |
| | | *For >400 To 600, Deduct* | *-5.44* | |
| | | *For >600 To 750, Deduct* | *-7.25* | |
| | | *For >750, Deduct* | *-9.43* | |
| 33 11 13 00-0084 | LF | 6" Stainless Steel Well Screen | 79.41 | 2.75 |
| | | *For >100 To 250, Deduct* | *-2.37* | |
| | | *For >250 To 400, Deduct* | *-4.35* | |
| | | *For >400 To 600, Deduct* | *-6.53* | |
| | | *For >600 To 750, Deduct* | *-8.70* | |
| | | *For >750, Deduct* | *-11.38* | |
| 33 11 13 00-0085 | LF | 8" Stainless Steel Well Screen | 103.81 | 3.44 |
| | | *For >100 To 250, Deduct* | *-3.08* | |
| | | *For >250 To 400, Deduct* | *-5.68* | |
| | | *For >400 To 600, Deduct* | *-8.52* | |
| | | *For >600 To 750, Deduct* | *-11.36* | |
| | | *For >750, Deduct* | *-14.83* | |
| 33 11 13 00-0086 | LF | 10" Stainless Steel Well Screen | 131.09 | 5.50 |
| | | *For >100 To 250, Deduct* | *-3.94* | |
| | | *For >250 To 400, Deduct* | *-7.21* | |
| | | *For >400 To 600, Deduct* | *-10.82* | |
| | | *For >600 To 750, Deduct* | *-14.43* | |
| | | *For >750, Deduct* | *-18.89* | |
| 33 11 13 00-0087 | LF | 12" Stainless Steel Well Screen | 153.86 | 6.87 |
| | | *For >100 To 250, Deduct* | *-4.62* | |
| | | *For >250 To 400, Deduct* | *-8.46* | |
| | | *For >400 To 600, Deduct* | *-12.69* | |
| | | *For >600 To 750, Deduct* | *-16.93* | |
| | | *For >750, Deduct* | *-22.16* | |
| 33 11 13 00-0088 | LF | 14" Stainless Steel Well Screen | 168.23 | 7.56 |
| | | *For >100 To 250, Deduct* | *-5.09* | |
| | | *For >250 To 400, Deduct* | *-9.30* | |
| | | *For >400 To 600, Deduct* | *-13.95* | |
| | | *For >600 To 750, Deduct* | *-18.60* | |
| | | *For >750, Deduct* | *-24.40* | |
| 33 11 13 00-0089 | LF | 16" Stainless Steel Well Screen | 181.48 | 8.93 |
| | | *For >100 To 250, Deduct* | *-5.53* | |
| | | *For >250 To 400, Deduct* | *-10.07* | |
| | | *For >400 To 600, Deduct* | *-15.11* | |
| | | *For >600 To 750, Deduct* | *-20.14* | |
| | | *For >750, Deduct* | *-26.47* | |
| 33 11 13 00-0090 | LF | 18" Stainless Steel Well Screen | 217.31 | 10.31 |
| | | *For >100 To 250, Deduct* | *-6.66* | |
| | | *For >250 To 400, Deduct* | *-12.09* | |
| | | *For >400 To 600, Deduct* | *-18.14* | |
| | | *For >600 To 750, Deduct* | *-24.19* | |
| | | *For >750, Deduct* | *-31.83* | |
| 33 11 13 00-0091 | LF | 20" Stainless Steel Well Screen | 274.18 | 13.06 |
| | | *For >100 To 250, Deduct* | *-8.40* | |
| | | *For >250 To 400, Deduct* | *-15.25* | |
| | | *For >400 To 600, Deduct* | *-22.88* | |
| | | *For >600 To 750, Deduct* | *-30.50* | |
| | | *For >750, Deduct* | *-40.13* | |
| 33 11 13 00-0092 | LF | 24" Stainless Steel Well Screen | 355.33 | 17.18 |
| | | *For >100 To 250, Deduct* | *-10.90* | |
| | | *For >250 To 400, Deduct* | *-19.79* | |
| | | *For >400 To 600, Deduct* | *-29.68* | |
| | | *For >600 To 750, Deduct* | *-39.58* | |
| | | *For >750, Deduct* | *-52.10* | |
| 33 11 13 00-0093 | LF | 26" Stainless Steel Well Screen | 410.38 | 19.93 |
| | | *For >100 To 250, Deduct* | *-12.55* | |
| | | *For >250 To 400, Deduct* | *-22.81* | |
| | | *For >400 To 600, Deduct* | *-34.21* | |
| | | *For >600 To 750, Deduct* | *-45.62* | |
| | | *For >750, Deduct* | *-60.00* | |

33 11 13 00-0094 Slotted Polyvinyl Chloride (PVC) Well Screen, Schedule 40 *(33 11 13 00-0078)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 11 13 00-0095 | LF | 1-1/4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen | 12.29 | |
| | | *For >100 To 250, Deduct* | *-0.45* | |
| | | *For >250 To 400, Deduct* | *-0.76* | |
| | | *For >400 To 600, Deduct* | *-1.14* | |
| | | *For >600 To 750, Deduct* | *-1.52* | |
| | | *For >750, Deduct* | *-2.09* | |
| | | *For Schedule 80, Add* | *2.58* | |
| 33 11 13 00-0096 | LF | 1-1/2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen | 13.96 | |
| | | *For >100 To 250, Deduct* | *-0.51* | |
| | | *For >250 To 400, Deduct* | *-0.85* | |
| | | *For >400 To 600, Deduct* | *-1.28* | |
| | | *For >600 To 750, Deduct* | *-1.71* | |
| | | *For >750, Deduct* | *-2.34* | |
| | | *For Schedule 80, Add* | *3.09* | |
| 33 11 13 00-0097 | LF | 2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen | 20.17 | |
| | | *For >100 To 250, Deduct* | *-0.78* | |
| | | *For >250 To 400, Deduct* | *-1.29* | |
| | | *For >400 To 600, Deduct* | *-1.93* | |
| | | *For >600 To 750, Deduct* | *-2.58* | |
| | | *For >750, Deduct* | *-3.58* | |
| | | *For Schedule 80, Add* | *3.60* | |
| 33 11 13 00-0098 | LF | 3" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen | 28.78 | |
| | | *For >100 To 250, Deduct* | *-1.02* | |
| | | *For >250 To 400, Deduct* | *-1.74* | |
| | | *For >400 To 600, Deduct* | *-2.61* | |
| | | *For >600 To 750, Deduct* | *-3.48* | |
| | | *For >750, Deduct* | *-4.74* | |
| | | *For Schedule 80, Add* | *6.70* | |
| 33 11 13 00-0099 | LF | 4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen | 36.21 | |
| | | *For >100 To 250, Deduct* | *-1.29* | |
| | | *For >250 To 400, Deduct* | *-2.19* | |
| | | *For >400 To 600, Deduct* | *-3.29* | |
| | | *For >600 To 750, Deduct* | *-4.38* | |
| | | *For >750, Deduct* | *-5.97* | |
| | | *For Schedule 80, Add* | *8.39* | |
| 33 11 13 00-0100 | LF | 5" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen | 45.16 | |
| | | *For >100 To 250, Deduct* | *-1.58* | |
| | | *For >250 To 400, Deduct* | *-2.71* | |
| | | *For >400 To 600, Deduct* | *-4.07* | |
| | | *For >600 To 750, Deduct* | *-5.42* | |
| | | *For >750, Deduct* | *-7.37* | |
| | | *For Schedule 80, Add* | *10.81* | |
| 33 11 13 00-0101 | LF | 6" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen | 50.57 | |
| | | *For >100 To 250, Deduct* | *-1.87* | |
| | | *For >250 To 400, Deduct* | *-3.13* | |
| | | *For >400 To 600, Deduct* | *-4.70* | |
| | | *For >600 To 750, Deduct* | *-6.27* | |
| | | *For >750, Deduct* | *-8.62* | |
| | | *For Schedule 80, Add* | *10.56* | |
| 33 11 13 00-0102 | LF | 8" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen | 72.12 | |
| | | *For >100 To 250, Deduct* | *-2.58* | |
| | | *For >250 To 400, Deduct* | *-4.38* | |
| | | *For >400 To 600, Deduct* | *-6.57* | |
| | | *For >600 To 750, Deduct* | *-8.76* | |
| | | *For >750, Deduct* | *-11.95* | |
| | | *For Schedule 80, Add* | *16.48* | |

33 11 13 00-0103 Furnish And Install Gravel Pack Material *(33 11 13 00-0001)*
Note: Quantity is based on 3" space between wall and the casing or well screen.

33 11 13 00-0104 Artificial Gravel Pack *(33 11 13 00-0103)*
Note: Excludes casing.

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0105 | LF | Artificial Gravel Pack, 6" Casing, 2" Screen | 10.45 | |
| | | *For >100 To 250, Deduct* | *-0.46* | |
| | | *For >250 To 400, Deduct* | *-0.72* | |
| | | *For >400 To 600, Deduct* | *-1.08* | |
| | | *For >600 To 750, Deduct* | *-1.44* | |
| | | *For >750, Deduct* | *-2.06* | |
| 33 11 13 00-0106 | LF | Artificial Gravel Pack, 8" Casing, 2" Screen | 15.87 | |
| | | *For >100 To 250, Deduct* | *-0.71* | |
| | | *For >250 To 400, Deduct* | *-1.10* | |
| | | *For >400 To 600, Deduct* | *-1.66* | |
| | | *For >600 To 750, Deduct* | *-2.21* | |
| | | *For >750, Deduct* | *-3.16* | |
| 33 11 13 00-0107 | LF | Artificial Gravel Pack, 10" Casing, 2" Screen | 22.83 | |
| | | *For >100 To 250, Deduct* | *-1.03* | |
| | | *For >250 To 400, Deduct* | *-1.60* | |
| | | *For >400 To 600, Deduct* | *-2.40* | |
| | | *For >600 To 750, Deduct* | *-3.21* | |
| | | *For >750, Deduct* | *-4.61* | |
| 33 11 13 00-0108 | LF | Artificial Gravel Pack, 12" Casing, 2" Screen | 28.83 | |
| | | *For >100 To 250, Deduct* | *-1.29* | |
| | | *For >250 To 400, Deduct* | *-2.01* | |
| | | *For >400 To 600, Deduct* | *-3.02* | |
| | | *For >600 To 750, Deduct* | *-4.03* | |
| | | *For >750, Deduct* | *-5.78* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 11 13 00-0109 | LF | Artificial Gravel Pack, 14" Casing, 2" Screen | 35.02 | |
| | | *For >100 To 250, Deduct* | *-1.56* | |
| | | *For >250 To 400, Deduct* | *-2.44* | |
| | | *For >400 To 600, Deduct* | *-3.65* | |
| | | *For >600 To 750, Deduct* | *-4.87* | |
| | | *For >750, Deduct* | *-6.98* | |
| 33 11 13 00-0110 | LF | Artificial Gravel Pack, 16" Casing, 2" Screen | 44.30 | |
| | | *For >100 To 250, Deduct* | *-1.95* | |
| | | *For >250 To 400, Deduct* | *-3.06* | |
| | | *For >400 To 600, Deduct* | *-4.59* | |
| | | *For >600 To 750, Deduct* | *-6.12* | |
| | | *For >750, Deduct* | *-8.75* | |
| 33 11 13 00-0111 | LF | Artificial Gravel Pack, 18" Casing, 2" Screen | 50.47 | |
| | | *For >100 To 250, Deduct* | *-2.22* | |
| | | *For >250 To 400, Deduct* | *-3.48* | |
| | | *For >400 To 600, Deduct* | *-5.22* | |
| | | *For >600 To 750, Deduct* | *-6.96* | |
| | | *For >750, Deduct* | *-9.94* | |
| 33 11 13 00-0112 | LF | Artificial Gravel Pack, 20" Casing, 2" Screen | 60.71 | |
| | | *For >100 To 250, Deduct* | *-2.68* | |
| | | *For >250 To 400, Deduct* | *-4.20* | |
| | | *For >400 To 600, Deduct* | *-6.30* | |
| | | *For >600 To 750, Deduct* | *-8.40* | |
| | | *For >750, Deduct* | *-12.02* | |
| 33 11 13 00-0113 | LF | Artificial Gravel Pack, 24" Casing, 2" Screen | 69.14 | |
| | | *For >100 To 250, Deduct* | *-3.07* | |
| | | *For >250 To 400, Deduct* | *-4.80* | |
| | | *For >400 To 600, Deduct* | *-7.19* | |
| | | *For >600 To 750, Deduct* | *-9.59* | |
| | | *For >750, Deduct* | *-13.73* | |
| 33 11 13 00-0114 | LF | Artificial Gravel Pack, 26" Casing, 2" Screen | 73.44 | |
| | | *For >100 To 250, Deduct* | *-3.23* | |
| | | *For >250 To 400, Deduct* | *-5.07* | |
| | | *For >400 To 600, Deduct* | *-7.61* | |
| | | *For >600 To 750, Deduct* | *-10.14* | |
| | | *For >750, Deduct* | *-14.49* | |
| 33 11 13 00-0115 | LF | Artificial Gravel Pack, 30" Casing, 2" Screen | 88.85 | |
| | | *For >100 To 250, Deduct* | *-3.94* | |
| | | *For >250 To 400, Deduct* | *-6.16* | |
| | | *For >400 To 600, Deduct* | *-9.24* | |
| | | *For >600 To 750, Deduct* | *-12.32* | |
| | | *For >750, Deduct* | *-17.64* | |
| 33 11 13 00-0116 | LF | Artificial Gravel Pack, 36" Casing, 2" Screen | 105.43 | |
| | | *For >100 To 250, Deduct* | *-4.73* | |
| | | *For >250 To 400, Deduct* | *-7.37* | |
| | | *For >400 To 600, Deduct* | *-11.05* | |
| | | *For >600 To 750, Deduct* | *-14.74* | |
| | | *For >750, Deduct* | *-21.15* | |

### 33 11 13 00-0117 Develop Well *(33 11 13 00-0001)*

Note: Pump out drilled well to remove debris and fine material remaining from the drilling process. Excludes disposal.

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0118 | HR | Develop Well | 386.76 | |

### 33 11 13 00-0119 Pump Test *(33 11 13 00-0001)*

Note: To determine water level and GPM flow rate.

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0120 | HR | Pump Test Well | 342.17 | |

### 33 11 13 00-0121 Test Well *(33 11 13 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0122 | VLF | 2-1/2" Diameter Test Well | 91.39 | |

### 33 11 13 00-0123 Surface Seal, Concrete Filled *(33 11 13)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0124 | SF | Surface Seal Well, Concrete Filled | 29.51 | |

### 33 11 13 00-0125 Other Water Well *(33 11 13)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0126 | SF | Patch Hole In Well Casing | 77.41 | |
| 33 11 13 00-0127 | SF | 1/2" Pressure Grout Well | 2.08 | |
| 33 11 13 00-0128 | SF | 1" Pressure Grout Well | 3.42 | |
| 33 11 13 00-0129 | CF | Sediment Removal In Well Casing For Existing Well | 4.30 | |

### 33 11 13 00-0130 Sterilization Of Well *(33 11 13)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0131 | EA | Well Sterilization, Chlorine | 1,248.97 | |

### 33 11 13 00-0132 Submersible Well Pumps *(33 11 13)*

Note: Includes pump end, motor and control box.

### 33 11 13 00-0133 4" Submersible Well Pumps *(33 11 13 00-0132)*

### 33 11 13 00-0134 Powder Coated Case And Cast Iron Ends *(33 11 13 00-0133)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 11 13 00-0135 | EA | 1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends | 1,323.43 | 446.89 |
| 33 11 13 00-0136 | EA | 3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends | 1,509.27 | 495.33 |
| 33 11 13 00-0137 | EA | 1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends | 1,675.02 | 550.36 |

### 33 11 13 00-0138 Stainless Steel Case And Ends *(33 11 13 00-0133)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0139 | EA | 1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel | 1,496.31 | 440.29 |
| 33 11 13 00-0140 | EA | 3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel | 1,707.03 | 495.33 |
| 33 11 13 00-0141 | EA | 1 HP Submersible Well Pump, 4" Diameter Stainless Steel | 1,914.21 | 550.36 |
| 33 11 13 00-0142 | EA | 1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel | 2,194.79 | 605.40 |
| 33 11 13 00-0143 | EA | 2 HP Submersible Well Pump, 4" Diameter Stainless Steel | 2,486.03 | 660.44 |
| 33 11 13 00-0144 | EA | 3 HP Submersible Well Pump, 4" Diameter Stainless Steel | 3,061.40 | 770.51 |
| 33 11 13 00-0145 | EA | 5 HP Submersible Well Pump, 4" Diameter Stainless Steel | 3,858.21 | 880.58 |

### 33 11 13 00-0146 6" Submersible Well Pumps *(33 11 13 00-0132)*

| | | | | |
|---|---|---|---|---|
| 33 11 13 00-0147 | EA | 5 HP Submersible Well Pump, 6" Diameter Stainless Steel | 3,731.32 | 1,100.73 |
| 33 11 13 00-0148 | EA | 7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel | 4,307.73 | 1,210.80 |
| 33 11 13 00-0149 | EA | 10 HP Submersible Well Pump, 6" Diameter Stainless Steel | 4,906.93 | 1,320.88 |
| 33 11 13 00-0150 | EA | 15 HP Submersible Well Pump, 6" Diameter Stainless Steel | 6,196.21 | 1,541.02 |

## 33 14 Water Utility Transmission and Distribution *(33 10)*

### 33 14 11 Water Utility Transmission Piping *(33 14)*

See CSI section 33 14 13 00-0000 for water utility transmission piping.

### 33 14 13 Public Water Utility Distribution Piping *(33 14)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

#### 33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 13-0001 Ductile Iron Piping *(33 14 13 13)*

33 14 13 13-0002 Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*

Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0334 for bolts and gaskets.

33 14 13 13-0003 Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0004 | LF | 3", Class 51, Mechanical Joint Ductile Iron Pipe | 34.63 | 11.31 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *12.27* | |
| | | *For Cement Mortar Lining (CML), Add* | *1.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *9.47* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *3.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *1.31* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-1.73* | |
| | | *For Class 52, Add* | *5.60* | |
| | | *For Class 53, Add* | *10.04* | |
| | | *For Class 54, Add* | *14.29* | |
| | | *For Class 55, Add* | *16.47* | |
| | | *For Class 56, Add* | *18.61* | |
| 33 14 13 13-0005 | LF | 4", Class 50, Mechanical Joint Ductile Iron Pipe | 37.49 | 12.03 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *13.48* | |
| | | *For Cement Mortar Lining (CML), Add* | *1.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *10.40* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *3.47* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *1.44* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-1.87* | |
| | | *For Class 51, Add* | *2.85* | |
| | | *For Class 52, Add* | *6.14* | |
| | | *For Class 53, Add* | *11.01* | |
| | | *For Class 54, Add* | *15.67* | |
| | | *For Class 55, Add* | *18.06* | |
| | | *For Class 56, Add* | *20.41* | |
| 33 14 13 13-0006 | LF | 6", Class 50, Mechanical Joint Ductile Iron Pipe | 40.00 | 12.63 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *14.64* | |
| | | *For Cement Mortar Lining (CML), Add* | *2.09* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *11.29* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *3.76* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *1.57* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-2.00* | |
| | | *For Class 51, Add* | *3.09* | |
| | | *For Class 52, Add* | *6.65* | |
| | | *For Class 53, Add* | *11.92* | |
| | | *For Class 54, Add* | *16.98* | |
| | | *For Class 55, Add* | *19.56* | |
| | | *For Class 56, Add* | *22.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0007 | LF | 8", Class 50, Mechanical Joint Ductile Iron Pipe | 46.64 | 13.12 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *18.73* | |
| | | *For Cement Mortar Lining (CML), Add* | *2.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *14.45* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *4.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *2.01* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-2.33* | |
| | | *For Class 51, Add* | *3.89* | |
| | | *For Class 52, Add* | *8.39* | |
| | | *For Class 53, Add* | *15.08* | |
| | | *For Class 54, Add* | *21.50* | |
| | | *For Class 55, Add* | *24.74* | |
| | | *For Class 56, Add* | *27.93* | |
| 33 14 13 13-0008 | LF | 10", Class 50, Mechanical Joint Ductile Iron Pipe | 63.20 | 18.75 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *20.88* | |
| | | *For Cement Mortar Lining (CML), Add* | *3.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *17.40* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *6.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *2.61* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-3.16* | |
| | | *For Class 51, Add* | *5.10* | |
| | | *For Class 52, Add* | *10.98* | |
| | | *For Class 53, Add* | *19.71* | |
| | | *For Class 54, Add* | *28.09* | |
| | | *For Class 55, Add* | *32.35* | |
| | | *For Class 56, Add* | *36.53* | |
| 33 14 13 13-0009 | LF | 12", Class 50, Mechanical Joint Ductile Iron Pipe | 75.99 | 20.82 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *22.22* | |
| | | *For Cement Mortar Lining (CML), Add* | *4.44* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *17.78* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *8.00* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *3.33* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-3.80* | |
| | | *For Class 51, Add* | *6.45* | |
| | | *For Class 52, Add* | *13.90* | |
| | | *For Class 53, Add* | *25.00* | |
| | | *For Class 54, Add* | *35.64* | |
| | | *For Class 55, Add* | *41.01* | |
| | | *For Class 56, Add* | *46.30* | |
| 33 14 13 13-0010 | LF | 14", Class 50, Mechanical Joint Ductile Iron Pipe | 90.61 | 23.38 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *24.25* | |
| | | *For Cement Mortar Lining (CML), Add* | *5.51* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *18.74* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *9.92* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *4.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-4.53* | |
| | | *For Class 51, Add* | *7.96* | |
| | | *For Class 52, Add* | *17.15* | |
| | | *For Class 53, Add* | *30.86* | |
| | | *For Class 54, Add* | *44.01* | |
| | | *For Class 55, Add* | *50.63* | |
| | | *For Class 56, Add* | *57.14* | |
| 33 14 13 13-0011 | LF | 16", Class 50, Mechanical Joint Ductile Iron Pipe | 102.36 | 26.79 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *25.33* | |
| | | *For Cement Mortar Lining (CML), Add* | *6.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *19.15* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *11.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *4.63* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-5.12* | |
| | | *For Class 51, Add* | *8.93* | |
| | | *For Class 52, Add* | *19.25* | |
| | | *For Class 53, Add* | *34.63* | |
| | | *For Class 54, Add* | *49.38* | |
| | | *For Class 55, Add* | *56.82* | |
| | | *For Class 56, Add* | *64.12* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0012 | LF | 18", Class 50, Mechanical Joint Ductile Iron Pipe | 126.57 | 31.24 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *32.49* | |
| | | *For Cement Mortar Lining (CML), Add* | *7.92* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *24.56* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *14.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *5.94* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-6.33* | |
| | | *For Class 51, Add* | *11.39* | |
| | | *For Class 52, Add* | *24.57* | |
| | | *For Class 53, Add* | *44.24* | |
| | | *For Class 54, Add* | *63.10* | |
| | | *For Class 55, Add* | *72.57* | |
| | | *For Class 56, Add* | *81.88* | |
| 33 14 13 13-0013 | LF | 20", Class 50, Mechanical Joint Ductile Iron Pipe | 144.05 | 37.48 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *33.16* | |
| | | *For Cement Mortar Lining (CML), Add* | *8.73* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *24.43* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *15.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.54* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-7.20* | |
| | | *For Class 51, Add* | *12.60* | |
| | | *For Class 52, Add* | *27.17* | |
| | | *For Class 53, Add* | *48.89* | |
| | | *For Class 54, Add* | *69.72* | |
| | | *For Class 55, Add* | *80.21* | |
| | | *For Class 56, Add* | *90.52* | |
| 33 14 13 13-0014 | LF | 24", Class 50, Mechanical Joint Ductile Iron Pipe | 188.10 | 46.85 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *36.30* | |
| | | *For Cement Mortar Lining (CML), Add* | *11.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *24.59* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *21.08* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *8.78* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-9.41* | |
| | | *For Class 51, Add* | *16.85* | |
| | | *For Class 52, Add* | *36.33* | |
| | | *For Class 53, Add* | *65.42* | |
| | | *For Class 54, Add* | *93.30* | |
| | | *For Class 55, Add* | *107.32* | |
| | | *For Class 56, Add* | *121.09* | |

## 33 14 13 13-0015 Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0016 | EA | 3" Mechanical Joint Ductile Iron 90 Degree Elbow | 151.22 | 35.71 |
| | | *For Cement Mortar Lining (CML), Add* | *9.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *17.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *7.28* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0017 | EA | 4" Mechanical Joint Ductile Iron 90 Degree Elbow | 170.32 | 42.66 |
| | | *For Cement Mortar Lining (CML), Add* | *10.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *19.02* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *7.93* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0018 | EA | 6" Mechanical Joint Ductile Iron 90 Degree Elbow | 268.28 | 63.06 |
| | | *For Cement Mortar Lining (CML), Add* | *17.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *31.10* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *12.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0019 | EA | 8" Mechanical Joint Ductile Iron 90 Degree Elbow | 364.72 | 74.80 |
| | | *For Cement Mortar Lining (CML), Add* | *25.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *45.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *18.85* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0020 | EA | 10" Mechanical Joint Ductile Iron 90 Degree Elbow | 525.75 | 83.11 |
| | | *For Cement Mortar Lining (CML), Add* | *39.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *71.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *29.99* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0021 | EA | 12" Mechanical Joint Ductile Iron 90 Degree Elbow | 686.04 | 97.49 |
| | | *For Cement Mortar Lining (CML), Add* | *53.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *96.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *40.38* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0022 | EA | 14" Mechanical Joint Ductile Iron 90 Degree Elbow | 1,066.75 | 109.32 |
| | | *For Cement Mortar Lining (CML), Add* | *90.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *162.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *67.58* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0023 | EA | 16" Mechanical Joint Ductile Iron 90 Degree Elbow | 1,413.17 | 124.95 |
| | | *For Cement Mortar Lining (CML), Add* | *122.39* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *220.29* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *91.79* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0024 | EA | 18" Mechanical Joint Ductile Iron 90 Degree Elbow | 1,738.77 | 174.92 |
| | | *For Cement Mortar Lining (CML), Add* | *147.38* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *265.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *110.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0025 | EA | 20" Mechanical Joint Ductile Iron 90 Degree Elbow | 2,386.28 | 218.66 |
| | | *For Cement Mortar Lining (CML), Add* | *205.50* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *369.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *154.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0026 | EA | 24" Mechanical Joint Ductile Iron 90 Degree Elbow | 3,508.73 | 291.15 |
| | | *For Cement Mortar Lining (CML), Add* | *306.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *552.15* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *230.06* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

## 33 14 13 13-0027 Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0028 | EA | 3" Mechanical Joint Ductile Iron 45 Degree Elbow | 141.22 | 35.71 |
| | | *For Cement Mortar Lining (CML), Add* | *8.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *15.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0029 | EA | 4" Mechanical Joint Ductile Iron 45 Degree Elbow | 151.75 | 42.66 |
| | | *For Cement Mortar Lining (CML), Add* | *8.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *15.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0030 | EA | 6" Mechanical Joint Ductile Iron 45 Degree Elbow | 235.43 | 63.06 |
| | | *For Cement Mortar Lining (CML), Add* | *14.00* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *25.19* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *10.50* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0031 | EA | 8" Mechanical Joint Ductile Iron 45 Degree Elbow | 317.60 | 74.80 |
| | | *For Cement Mortar Lining (CML), Add* | *20.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *36.76* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *15.32* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0032 | EA | 10" Mechanical Joint Ductile Iron 45 Degree Elbow | 424.36 | 83.11 |
| | | *For Cement Mortar Lining (CML), Add* | *29.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *53.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *22.39* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0033 | EA | 12" Mechanical Joint Ductile Iron 45 Degree Elbow | 593.21 | 97.49 |
| | | *For Cement Mortar Lining (CML), Add* | *44.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *80.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *33.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0034 | EA | 14" Mechanical Joint Ductile Iron 45 Degree Elbow | 866.82 | 109.32 |
| | | *For Cement Mortar Lining (CML), Add* | *70.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *126.21* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *52.59* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0035 | EA | 16" Mechanical Joint Ductile Iron 45 Degree Elbow | 1,063.29 | 124.95 |
| | | *For Cement Mortar Lining (CML), Add* | *87.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *157.32* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *65.55* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0036 | EA | 18" Mechanical Joint Ductile Iron 45 Degree Elbow | 1,518.84 | 174.92 |
| | | *For Cement Mortar Lining (CML), Add* | *125.39* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *225.69* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *94.04* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0037 | EA | 20" Mechanical Joint Ductile Iron 45 Degree Elbow | 1,670.81 | 218.66 |
| | | *For Cement Mortar Lining (CML), Add* | *133.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *241.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *100.47* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0038 | EA | 24" Mechanical Joint Ductile Iron 45 Degree Elbow | 2,476.22 | 291.15 |
| | | *For Cement Mortar Lining (CML), Add* | *203.50* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *366.30* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *152.63* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| **33 14 13 13-0039** | | **Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0002)* | | |
| 33 14 13 13-0040 | EA | 3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 122.66 | 35.71 |
| | | *For Cement Mortar Lining (CML), Add* | *6.86* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *12.34* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *5.14* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0041 | EA | 4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 147.47 | 42.66 |
| | | *For Cement Mortar Lining (CML), Add* | *8.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *14.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.21* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0042 | EA | 6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 224.01 | 63.06 |
| | | *For Cement Mortar Lining (CML), Add* | *12.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *23.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *9.64* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0043 | EA | 8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 313.31 | 74.80 |
| | | *For Cement Mortar Lining (CML), Add* | *19.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *35.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *14.99* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0044 | EA | 10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 422.93 | 83.11 |
| | | *For Cement Mortar Lining (CML), Add* | *29.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *53.47* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *22.28* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0045 | EA | 12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 537.52 | 97.49 |
| | | *For Cement Mortar Lining (CML), Add* | *38.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *70.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *29.24* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0046 | EA | 14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 875.39 | 109.32 |
| | | *For Cement Mortar Lining (CML), Add* | *70.98* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *127.76* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *53.23* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0047 | EA | 16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 1,027.59 | 124.95 |
| | | *For Cement Mortar Lining (CML), Add* | *83.83* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *150.89* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *62.87* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0048 | EA | 18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 1,294.64 | 174.92 |
| | | *For Cement Mortar Lining (CML), Add* | *102.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *185.34* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *77.22* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0049 | EA | 20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 1,730.79 | 218.66 |
| | | *For Cement Mortar Lining (CML), Add* | *139.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *251.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *104.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0050 | EA | 24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 2,319.14 | 291.15 |
| | | *For Cement Mortar Lining (CML), Add* | *187.79* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *338.03* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *140.84* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| **33 14 13 13-0051** | | **Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0002)* | | |
| 33 14 13 13-0052 | EA | 3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 122.66 | 35.71 |
| | | *For Cement Mortar Lining (CML), Add* | *6.86* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *12.34* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *5.14* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0053 | EA | 4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 143.18 | 42.66 |
| | | *For Cement Mortar Lining (CML), Add* | *7.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *14.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *5.89* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0054 | EA | 6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 228.29 | 63.06 |
| | | *For Cement Mortar Lining (CML), Add* | *13.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *23.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *9.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0055 | EA | 8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 294.75 | 74.80 |
| | | *For Cement Mortar Lining (CML), Add* | *18.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *32.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *13.60* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0056 | EA | 10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 420.07 | 83.11 |
| | | *For Cement Mortar Lining (CML), Add* | *29.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *52.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *22.06* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0057 | EA | 12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 513.24 | 97.49 |
| | | *For Cement Mortar Lining (CML), Add* | *36.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *65.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *27.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0058 | EA | 14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 975.35 | 109.32 |
| | | *For Cement Mortar Lining (CML), Add* | *80.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *145.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *60.73* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0059 | EA | 16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 1,076.15 | 124.95 |
| | | *For Cement Mortar Lining (CML), Add* | *88.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *159.63* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *66.51* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0060 | EA | 18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 1,565.97 | 174.92 |
| | | *For Cement Mortar Lining (CML), Add* | *130.10* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *234.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *97.57* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0061 | EA | 20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 1,649.39 | 218.66 |
| | | *For Cement Mortar Lining (CML), Add* | *131.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *237.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *98.86* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0062 | EA | 24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 2,199.18 | 291.15 |
| | | *For Cement Mortar Lining (CML), Add* | *175.80* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *316.43* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *131.85* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0063 | | Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)* | | |
| 33 14 13 13-0064 | EA | 3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 155.50 | 35.71 |
| | | *For Cement Mortar Lining (CML), Add* | *10.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *18.25* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *7.60* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0065 | EA | 4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 190.31 | 42.66 |
| | | *For Cement Mortar Lining (CML), Add* | *12.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *22.62* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *9.43* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0066 | EA | 6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 303.98 | 63.06 |
| | | *For Cement Mortar Lining (CML), Add* | *20.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *37.53* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *15.64* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0067 | EA | 8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 411.85 | 74.80 |
| | | *For Cement Mortar Lining (CML), Add* | *29.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *53.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *22.39* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0068 | EA | 10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 594.30 | 83.11 |
| | | *For Cement Mortar Lining (CML), Add* | *46.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *84.31* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *35.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0069 | EA | 12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 760.30 | 97.49 |
| | | *For Cement Mortar Lining (CML), Add* | *61.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *110.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *45.95* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0070 | EA | 14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 1,305.24 | 109.32 |
| | | *For Cement Mortar Lining (CML), Add* | *113.96* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *205.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *85.47* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0071 | EA | 16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 1,994.40 | 124.95 |
| | | *For Cement Mortar Lining (CML), Add* | *180.51* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *324.92* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *135.38* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0072 | EA | 18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 2,315.71 | 174.92 |
| | | *For Cement Mortar Lining (CML), Add* | *205.07* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *369.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *153.80* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0073 | EA | 20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 3,146.02 | 218.66 |
| | | *For Cement Mortar Lining (CML), Add* | *281.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *506.66* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *211.11* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0074 | EA | 24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 3,822.90 | 291.15 |
| | | *For Cement Mortar Lining (CML), Add* | *338.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *608.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *253.63* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0075 | | **Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow** *(33 14 13 13-0002)* | | |
| 33 14 13 13-0076 | EA | 3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 142.65 | 35.71 |
| | | *For Cement Mortar Lining (CML), Add* | *8.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *15.94* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.64* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0077 | EA | 4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 156.04 | 42.66 |
| | | *For Cement Mortar Lining (CML), Add* | *9.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *16.45* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.86* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0078 | EA | 6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 251.14 | 63.06 |
| | | *For Cement Mortar Lining (CML), Add* | *15.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *28.02* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *11.67* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0079 | EA | 8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 363.29 | 74.80 |
| | | *For Cement Mortar Lining (CML), Add* | *24.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *44.98* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *18.74* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0080 | EA | 10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 497.19 | 83.11 |
| | | *For Cement Mortar Lining (CML), Add* | *37.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *66.83* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *27.85* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0081 | EA | 12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 676.04 | 97.49 |
| | | *For Cement Mortar Lining (CML), Add* | *52.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *95.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *39.63* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0082 | EA | 14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 1,155.29 | 109.32 |
| | | *For Cement Mortar Lining (CML), Add* | *98.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *178.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *74.22* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0083 | EA | 16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 1,758.77 | 124.95 |
| | | *For Cement Mortar Lining (CML), Add* | *156.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *282.50* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *117.71* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0084 | EA | 18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 2,077.22 | 174.92 |
| | | *For Cement Mortar Lining (CML), Add* | *181.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *326.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *135.92* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0085 | EA | 20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 2,697.60 | 218.66 |
| | | *For Cement Mortar Lining (CML), Add* | *236.63* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *425.94* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *177.47* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0086 | EA | 24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 3,390.20 | 291.15 |
| | | *For Cement Mortar Lining (CML), Add* | *294.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *530.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *221.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0087 | | Mechanical Joint Ductile Iron Tee *(33 14 13 13-0002)* | | |
| 33 14 13 13-0088 | EA | 3" x 3" Mechanical Joint Ductile Iron Tee | 246.82 | 53.57 |
| | | *For Cement Mortar Lining (CML), Add* | *16.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *29.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *12.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0089 | EA | 4" x 3" Mechanical Joint Ductile Iron Tee | 256.37 | 59.87 |
| | | *For Cement Mortar Lining (CML), Add* | *16.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *29.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *12.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0090 | EA | 4" x 4" Mechanical Joint Ductile Iron Tee | 234.00 | 63.06 |
| | | *For Cement Mortar Lining (CML), Add* | *13.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *24.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *10.39* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0091 | EA | 6" x 3" Mechanical Joint Ductile Iron Tee | 311.71 | 79.43 |
| | | *For Cement Mortar Lining (CML), Add* | *19.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *34.44* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *14.35* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0092 | EA | 6" x 4" Mechanical Joint Ductile Iron Tee | 358.09 | 82.71 |
| | | *For Cement Mortar Lining (CML), Add* | *23.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *41.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *17.46* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0093 | EA | 6" x 6" Mechanical Joint Ductile Iron Tee | 390.14 | 92.60 |
| | | *For Cement Mortar Lining (CML), Add* | *24.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *44.98* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *18.74* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0094 | EA | 8" x 4" Mechanical Joint Ductile Iron Tee | 415.13 | 95.85 |
| | | *For Cement Mortar Lining (CML), Add* | *26.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *48.58* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *20.24* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0095 | EA | 8" x 6" Mechanical Joint Ductile Iron Tee | 471.47 | 105.70 |
| | | *For Cement Mortar Lining (CML), Add* | *31.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *56.04* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *23.35* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0096 | EA | 8" x 8" Mechanical Joint Ductile Iron Tee | 545.68 | 112.29 |
| | | *For Cement Mortar Lining (CML), Add* | *37.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *67.60* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *28.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0097 | EA | 10" x 4" Mechanical Joint Ductile Iron Tee | 570.63 | 103.28 |
| | | *For Cement Mortar Lining (CML), Add* | *41.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *74.55* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *31.06* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0098 | EA | 10" x 6" Mechanical Joint Ductile Iron Tee | 571.98 | 112.66 |
| | | *For Cement Mortar Lining (CML), Add* | *40.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *72.23* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *30.10* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0099 | EA | 10" x 8" Mechanical Joint Ductile Iron Tee | 650.00 | 118.91 |
| | | *For Cement Mortar Lining (CML), Add* | *46.98* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *84.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *35.24* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0100 | EA | 10" x 10" Mechanical Joint Ductile Iron Tee | 726.27 | 124.95 |
| | | *For Cement Mortar Lining (CML), Add* | *53.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *96.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *40.27* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0101 | EA | 12" x 4" Mechanical Joint Ductile Iron Tee | 682.39 | 115.78 |
| | | *For Cement Mortar Lining (CML), Add* | *50.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *91.25* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *38.02* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0102 | EA | 12" x 6" Mechanical Joint Ductile Iron Tee | 775.12 | 125.14 |
| | | *For Cement Mortar Lining (CML), Add* | *58.55* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *105.39* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *43.91* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0103 | EA | 12" x 8" Mechanical Joint Ductile Iron Tee | 951.69 | 131.40 |
| | | *For Cement Mortar Lining (CML), Add* | *75.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *135.47* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *56.45* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0104 | EA | 12" x 10" Mechanical Joint Ductile Iron Tee | 1,019.37 | 137.44 |
| | | *For Cement Mortar Lining (CML), Add* | *81.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *146.01* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *60.84* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0105 | EA | 12" x 12" Mechanical Joint Ductile Iron Tee | 967.44 | 143.68 |
| | | *For Cement Mortar Lining (CML), Add* | *74.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *134.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *56.23* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0106 | EA | 14" x 6" Mechanical Joint Ductile Iron Tee | 1,032.09 | 145.82 |
| | | *For Cement Mortar Lining (CML), Add* | *81.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *146.01* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *60.84* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0107 | EA | 14" x 8" Mechanical Joint Ductile Iron Tee | 1,148.68 | 152.08 |
| | | *For Cement Mortar Lining (CML), Add* | *91.83* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *165.29* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *68.87* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0108 | EA | 14" x 10" Mechanical Joint Ductile Iron Tee | 1,466.28 | 158.11 |
| | | *For Cement Mortar Lining (CML), Add* | *122.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *220.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *92.00* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0109 | EA | 14" x 12" Mechanical Joint Ductile Iron Tee | 1,567.15 | 164.36 |
| | | *For Cement Mortar Lining (CML), Add* | *131.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *237.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *98.86* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0110 | EA | 14" x 14" Mechanical Joint Ductile Iron Tee | 1,512.83 | 174.73 |
| | | *For Cement Mortar Lining (CML), Add* | *124.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *224.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *93.61* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0111 | EA | 16" x 6" Mechanical Joint Ductile Iron Tee | 1,311.72 | 174.91 |
| | | *For Cement Mortar Lining (CML), Add* | *104.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *188.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *78.51* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0112 | EA | 16" x 8" Mechanical Joint Ductile Iron Tee | 1,411.25 | 181.16 |
| | | *For Cement Mortar Lining (CML), Add* | *113.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *204.62* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *85.26* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0113 | EA | 16" x 10" Mechanical Joint Ductile Iron Tee | 1,643.17 | 187.20 |
| | | *For Cement Mortar Lining (CML), Add* | *135.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *244.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *101.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0114 | EA | 16" x 12" Mechanical Joint Ductile Iron Tee | 1,798.31 | 193.44 |
| | | *For Cement Mortar Lining (CML), Add* | *150.52* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *270.94* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *112.89* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0115 | EA | 16" x 14" Mechanical Joint Ductile Iron Tee | 2,163.85 | 203.79 |
| | | *For Cement Mortar Lining (CML), Add* | *185.51* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *333.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *139.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0116 | EA | 16" x 16" Mechanical Joint Ductile Iron Tee | 2,045.93 | 218.36 |
| | | *For Cement Mortar Lining (CML), Add* | *171.51* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *308.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *128.63* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0117 | EA | 18" x 6" Mechanical Joint Ductile Iron Tee | 1,821.53 | 223.86 |
| | | *For Cement Mortar Lining (CML), Add* | *148.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *266.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *111.18* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0118 | EA | 18" x 8" Mechanical Joint Ductile Iron Tee | 1,953.81 | 230.10 |
| | | *For Cement Mortar Lining (CML), Add* | *160.52* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *288.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *120.39* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0119 | EA | 18" x 10" Mechanical Joint Ductile Iron Tee | 2,114.33 | 236.14 |
| | | *For Cement Mortar Lining (CML), Add* | *175.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *316.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *131.74* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0120 | EA | 18" x 12" Mechanical Joint Ductile Iron Tee | 2,273.75 | 242.39 |
| | | *For Cement Mortar Lining (CML), Add* | *190.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *343.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *142.99* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0121 | EA | 18" x 14" Mechanical Joint Ductile Iron Tee | 2,339.39 | 252.72 |
| | | *For Cement Mortar Lining (CML), Add* | *195.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *352.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *146.74* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0122 | EA | 18" x 16" Mechanical Joint Ductile Iron Tee | 2,497.10 | 267.28 |
| | | *For Cement Mortar Lining (CML), Add* | *209.21* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *376.59* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *156.91* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0123 | EA | 18" x 18" Mechanical Joint Ductile Iron Tee | 2,924.03 | 291.73 |
| | | *For Cement Mortar Lining (CML), Add* | *248.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *446.76* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *186.15* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0124 | EA | 20" x 6" Mechanical Joint Ductile Iron Tee | 2,154.39 | 321.01 |
| | | *For Cement Mortar Lining (CML), Add* | *166.80* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *300.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *125.10* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0125 | EA | 20" x 8" Mechanical Joint Ductile Iron Tee | 2,200.99 | 327.27 |
| | | *For Cement Mortar Lining (CML), Add* | *170.51* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *306.92* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *127.88* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0126 | EA | 20" x 10" Mechanical Joint Ductile Iron Tee | 2,397.21 | 333.30 |
| | | *For Cement Mortar Lining (CML), Add* | *189.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *340.60* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *141.92* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0127 | EA | 20" x 12" Mechanical Joint Ductile Iron Tee | 2,592.32 | 339.55 |
| | | *For Cement Mortar Lining (CML), Add* | *207.79* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *374.01* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *155.84* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0128 | EA | 20" x 14" Mechanical Joint Ductile Iron Tee | 2,623.70 | 349.88 |
| | | *For Cement Mortar Lining (CML), Add* | *209.36* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *376.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *157.02* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0129 | EA | 20" x 16" Mechanical Joint Ductile Iron Tee | 2,662.87 | 364.42 |
| | | *For Cement Mortar Lining (CML), Add* | *211.07* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *379.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *158.30* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0130 | EA | 20" x 18" Mechanical Joint Ductile Iron Tee | 3,345.43 | 388.89 |
| | | *For Cement Mortar Lining (CML), Add* | *275.62* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *496.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *206.71* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0131 | EA | 20" x 20" Mechanical Joint Ductile Iron Tee | 2,950.62 | 437.49 |
| | | *For Cement Mortar Lining (CML), Add* | *228.78* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *411.80* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *171.58* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0132 | EA | 24" x 6" Mechanical Joint Ductile Iron Tee | 2,639.58 | 417.87 |
| | | *For Cement Mortar Lining (CML), Add* | *200.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *361.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *150.48* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0133 | EA | 24" x 8" Mechanical Joint Ductile Iron Tee | 2,674.77 | 424.72 |
| | | *For Cement Mortar Lining (CML), Add* | *203.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *365.79* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *152.41* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0134 | EA | 24" x 10" Mechanical Joint Ductile Iron Tee | 2,946.68 | 430.16 |
| | | *For Cement Mortar Lining (CML), Add* | *229.49* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *413.09* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *172.12* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0135 | EA | 24" x 12" Mechanical Joint Ductile Iron Tee | 3,020.40 | 436.40 |
| | | *For Cement Mortar Lining (CML), Add* | *235.92* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *424.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *176.94* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0136 | EA | 24" x 14" Mechanical Joint Ductile Iron Tee | 3,398.79 | 446.74 |
| | | *For Cement Mortar Lining (CML), Add* | *272.19* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *489.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *204.14* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0137 | EA | 24" x 16" Mechanical Joint Ductile Iron Tee | 3,670.74 | 461.28 |
| | | *For Cement Mortar Lining (CML), Add* | *297.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *534.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *222.89* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0138 | EA | 24" x 18" Mechanical Joint Ductile Iron Tee | 4,170.52 | 485.76 |
| | | *For Cement Mortar Lining (CML), Add* | *343.45* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *618.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *257.59* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0139 | EA | 24" x 20" Mechanical Joint Ductile Iron Tee | 4,622.57 | 534.33 |
| | | *For Cement Mortar Lining (CML), Add* | *381.30* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *686.33* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *285.97* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0140 | EA | 24" x 24" Mechanical Joint Ductile Iron Tee | 4,278.94 | 582.79 |
| | | *For Cement Mortar Lining (CML), Add* | *339.60* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *611.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *254.70* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

### 33 14 13 13-0141 Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0002)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0142 | EA | 4" x 3" Mechanical Joint Ductile Iron Wye (Lateral) | 212.10 | 59.87 |
| | | *For Cement Mortar Lining (CML), Add* | *12.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *21.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *9.10* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0143 | EA | 4" x 4" Mechanical Joint Ductile Iron Wye (Lateral) | 322.54 | 63.02 |
| | | *For Cement Mortar Lining (CML), Add* | *22.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *40.87* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *17.03* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0144 | EA | 6" x 3" Mechanical Joint Ductile Iron Wye (Lateral) | 311.71 | 79.43 |
| | | *For Cement Mortar Lining (CML), Add* | *19.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *34.44* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *14.35* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0145 | EA | 6" x 4" Mechanical Joint Ductile Iron Wye (Lateral) | 359.52 | 82.71 |
| | | *For Cement Mortar Lining (CML), Add* | *23.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *42.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *17.57* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0146 | EA | 6" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 482.97 | 92.55 |
| | | *For Cement Mortar Lining (CML), Add* | *34.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *61.69* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *25.71* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0147 | EA | 8" x 4" Mechanical Joint Ductile Iron Wye (Lateral) | 617.91 | 95.85 |
| | | *For Cement Mortar Lining (CML), Add* | *47.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *85.08* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *35.45* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0148 | EA | 8" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 555.73 | 105.70 |
| | | *For Cement Mortar Lining (CML), Add* | *39.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *71.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *29.67* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0149 | EA | 8" x 8" Mechanical Joint Ductile Iron Wye (Lateral) | 669.93 | 112.26 |
| | | *For Cement Mortar Lining (CML), Add* | *49.98* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *89.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *37.49* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0150 | EA | 10" x 4" Mechanical Joint Ductile Iron Wye (Lateral) | 951.93 | 103.28 |
| | | *For Cement Mortar Lining (CML), Add* | *79.54* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *143.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *59.66* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0151 | EA | 10" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 1,007.54 | 112.66 |
| | | *For Cement Mortar Lining (CML), Add* | *83.69* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *150.63* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *62.76* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0152 | EA | 10" x 8" Mechanical Joint Ductile Iron Wye (Lateral) | 1,156.97 | 118.91 |
| | | *For Cement Mortar Lining (CML), Add* | *97.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *175.83* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *73.26* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0153 | EA | 10" x 10" Mechanical Joint Ductile Iron Wye (Lateral) | 1,301.78 | 124.95 |
| | | *For Cement Mortar Lining (CML), Add* | *111.25* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *200.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *83.44* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0154 | EA | 12" x 4" Mechanical Joint Ductile Iron Wye (Lateral) | 1,213.63 | 115.78 |
| | | *For Cement Mortar Lining (CML), Add* | *103.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *186.88* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *77.87* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0155 | EA | 12" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 1,372.06 | 125.14 |
| | | *For Cement Mortar Lining (CML), Add* | *118.25* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *212.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *88.68* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0156 | EA | 12" x 8" Mechanical Joint Ductile Iron Wye (Lateral) | 1,651.45 | 131.40 |
| | | *For Cement Mortar Lining (CML), Add* | *145.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *261.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *108.93* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0157 | EA | 12" x 10" Mechanical Joint Ductile Iron Wye (Lateral) | 1,699.14 | 137.44 |
| | | *For Cement Mortar Lining (CML), Add* | *149.09* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *268.37* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *111.82* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0158 | EA | 12" x 12" Mechanical Joint Ductile Iron Wye (Lateral) | 1,541.53 | 143.67 |
| | | *For Cement Mortar Lining (CML), Add* | *132.38* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *238.29* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *99.29* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0159 | EA | 14" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 1,814.68 | 145.82 |
| | | *For Cement Mortar Lining (CML), Add* | *159.37* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *286.87* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *119.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0160 | EA | 14" x 8" Mechanical Joint Ductile Iron Wye (Lateral) | 2,075.50 | 152.08 |
| | | *For Cement Mortar Lining (CML), Add* | *184.51* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *332.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *138.38* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0161 | EA | 14" x 10" Mechanical Joint Ductile Iron Wye (Lateral) | 2,705.85 | 158.11 |
| | | *For Cement Mortar Lining (CML), Add* | *246.63* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *443.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *184.97* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0162 | EA | 14" x 12" Mechanical Joint Ductile Iron Wye (Lateral) | 2,898.12 | 164.36 |
| | | *For Cement Mortar Lining (CML), Add* | *264.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *476.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *198.68* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0163 | EA | 14" x 14" Mechanical Joint Ductile Iron Wye (Lateral) | 2,833.81 | 174.70 |
| | | *For Cement Mortar Lining (CML), Add* | *256.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *462.44* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *192.68* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0164 | EA | 16" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 1,867.34 | 174.91 |
| | | *For Cement Mortar Lining (CML), Add* | *160.23* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *288.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *120.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0165 | EA | 16" x 8" Mechanical Joint Ductile Iron Wye (Lateral) | 2,053.89 | 181.16 |
| | | *For Cement Mortar Lining (CML), Add* | *177.94* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *320.29* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *133.45* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0166 | EA | 16" x 10" Mechanical Joint Ductile Iron Wye (Lateral) | 2,418.62 | 187.20 |
| | | *For Cement Mortar Lining (CML), Add* | *213.50* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *384.30* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *160.12* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0167 | EA | 16" x 12" Mechanical Joint Ductile Iron Wye (Lateral) | 2,703.71 | 193.44 |
| | | *For Cement Mortar Lining (CML), Add* | *241.06* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *433.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *180.80* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0168 | EA | 16" x 14" Mechanical Joint Ductile Iron Wye (Lateral) | 3,379.14 | 203.79 |
| | | *For Cement Mortar Lining (CML), Add* | *307.04* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *552.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *230.28* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0169 | EA | 16" x 16" Mechanical Joint Ductile Iron Wye (Lateral) | 3,261.23 | 218.33 |
| | | *For Cement Mortar Lining (CML), Add* | *293.04* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *527.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *219.78* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0170 | EA | 18" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 2,934.00 | 223.86 |
| | | *For Cement Mortar Lining (CML), Add* | *259.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *467.07* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *194.61* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0171 | EA | 18" x 8" Mechanical Joint Ductile Iron Wye (Lateral) | 3,157.68 | 230.10 |
| | | *For Cement Mortar Lining (CML), Add* | *280.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *505.63* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *210.68* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0172 | EA | 18" x 10" Mechanical Joint Ductile Iron Wye (Lateral) | 3,373.89 | 236.14 |
| | | *For Cement Mortar Lining (CML), Add* | *301.61* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *542.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *226.21* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0173 | EA | 18" x 12" Mechanical Joint Ductile Iron Wye (Lateral) | 3,609.00 | 242.39 |
| | | *For Cement Mortar Lining (CML), Add* | *324.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *583.51* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *243.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0174 | EA | 18" x 14" Mechanical Joint Ductile Iron Wye (Lateral) | 3,650.37 | 252.72 |
| | | *For Cement Mortar Lining (CML), Add* | *326.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *588.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *245.06* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0175 | EA | 18" x 16" Mechanical Joint Ductile Iron Wye (Lateral) | 3,689.54 | 267.28 |
| | | *For Cement Mortar Lining (CML), Add* | *328.46* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *591.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *246.34* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0176 | EA | 18" x 18" Mechanical Joint Ductile Iron Wye (Lateral) | 3,381.02 | 291.75 |
| | | *For Cement Mortar Lining (CML), Add* | *293.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *529.02* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *220.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0177 | EA | 20" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 3,488.21 | 321.01 |
| | | *For Cement Mortar Lining (CML), Add* | *300.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *540.33* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *225.14* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0178 | EA | 20" x 8" Mechanical Joint Ductile Iron Wye (Lateral) | 3,564.80 | 327.27 |
| | | *For Cement Mortar Lining (CML), Add* | *306.89* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *552.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *230.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0179 | EA | 20" x 10" Mechanical Joint Ductile Iron Wye (Lateral) | 3,910.97 | 333.30 |
| | | *For Cement Mortar Lining (CML), Add* | *340.60* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *613.07* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *255.45* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0180 | EA | 20" x 12" Mechanical Joint Ductile Iron Wye (Lateral) | 4,254.60 | 339.55 |
| | | *For Cement Mortar Lining (CML), Add* | *374.01* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *673.23* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *280.51* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0181 | EA | 20" x 14" Mechanical Joint Ductile Iron Wye (Lateral) | 4,298.83 | 349.88 |
| | | *For Cement Mortar Lining (CML), Add* | *376.87* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *678.37* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *282.65* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0182 | EA | 20" x 16" Mechanical Joint Ductile Iron Wye (Lateral) | 4,350.86 | 364.42 |
| | | *For Cement Mortar Lining (CML), Add* | *379.87* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *683.76* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *284.90* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0183 | EA | 20" x 18" Mechanical Joint Ductile Iron Wye (Lateral) | 5,036.28 | 388.89 |
| | | *For Cement Mortar Lining (CML), Add* | *444.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *800.47* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *333.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0184 | EA | 20" x 20" Mechanical Joint Ductile Iron Wye (Lateral) | 4,781.42 | 437.47 |
| | | *For Cement Mortar Lining (CML), Add* | *411.86* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *741.34* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *308.89* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0185 | EA | 24" x 6" Mechanical Joint Ductile Iron Wye (Lateral) | 4,244.74 | 417.87 |
| | | *For Cement Mortar Lining (CML), Add* | *361.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *650.09* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *270.87* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0186 | EA | 24" x 8" Mechanical Joint Ductile Iron Wye (Lateral) | 4,299.92 | 424.12 |
| | | *For Cement Mortar Lining (CML), Add* | *365.73* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *658.32* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *274.30* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0187 | EA | 24" x 10" Mechanical Joint Ductile Iron Wye (Lateral) | 4,781.77 | 430.16 |
| | | *For Cement Mortar Lining (CML), Add* | *413.00* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *743.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *309.75* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0188 | EA | 24" x 12" Mechanical Joint Ductile Iron Wye (Lateral) | 5,002.57 | 436.40 |
| | | *For Cement Mortar Lining (CML), Add* | *434.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *781.44* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *325.60* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0189 | EA | 24" x 14" Mechanical Joint Ductile Iron Wye (Lateral) | 5,766.55 | 446.74 |
| | | *For Cement Mortar Lining (CML), Add* | *508.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *916.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *381.73* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0190 | EA | 24" x 16" Mechanical Joint Ductile Iron Wye (Lateral) | 6,401.23 | 461.28 |
| | | *For Cement Mortar Lining (CML), Add* | *570.23* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *1,026.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *427.67* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0191 | EA | 24" x 18" Mechanical Joint Ductile Iron Wye (Lateral) | 7,158.07 | 485.76 |
| | | *For Cement Mortar Lining (CML), Add* | *642.21* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *1,155.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *481.66* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0192 | EA | 24" x 20" Mechanical Joint Ductile Iron Wye (Lateral) | 7,864.32 | 534.33 |
| | | *For Cement Mortar Lining (CML), Add* | *705.47* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *1,269.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *529.10* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0193 | EA | 24" x 24" Mechanical Joint Ductile Iron Wye (Lateral) | 6,995.15 | 582.75 |
| | | *For Cement Mortar Lining (CML), Add* | *611.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *1,100.19* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *458.41* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0194 | | Mechanical Joint Ductile Iron Cross *(33 14 13 13-0002)* | | |
| 33 14 13 13-0195 | EA | 3" x 3" Mechanical Joint Ductile Iron Cross | 292.43 | 71.42 |
| | | *For Cement Mortar Lining (CML), Add* | *18.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *33.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *13.82* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0196 | EA | 4" x 3" Mechanical Joint Ductile Iron Cross | 353.39 | 77.72 |
| | | *For Cement Mortar Lining (CML), Add* | *23.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *42.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *17.67* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0197 | EA | 4" x 4" Mechanical Joint Ductile Iron Cross | 417.83 | 78.78 |
| | | *For Cement Mortar Lining (CML), Add* | *29.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *53.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *22.39* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0198 | EA | 6" x 3" Mechanical Joint Ductile Iron Cross | 498.91 | 97.37 |
| | | *For Cement Mortar Lining (CML), Add* | *35.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *63.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *26.35* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0199 | EA | 6" x 4" Mechanical Joint Ductile Iron Cross | 484.74 | 105.03 |
| | | *For Cement Mortar Lining (CML), Add* | *32.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *58.61* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *24.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0200 | EA | 6" x 6" Mechanical Joint Ductile Iron Cross | 564.51 | 131.29 |
| | | *For Cement Mortar Lining (CML), Add* | *36.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *65.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *27.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0201 | EA | 8" x 4" Mechanical Joint Ductile Iron Cross | 498.24 | 114.89 |
| | | *For Cement Mortar Lining (CML), Add* | *32.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *58.35* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *24.31* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0202 | EA | 8" x 6" Mechanical Joint Ductile Iron Cross | 592.29 | 141.15 |
| | | *For Cement Mortar Lining (CML), Add* | *37.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *68.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *28.38* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0203 | EA | 8" x 8" Mechanical Joint Ductile Iron Cross | 627.22 | 150.98 |
| | | *For Cement Mortar Lining (CML), Add* | *39.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *71.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *29.88* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0204 | EA | 10" x 4" Mechanical Joint Ductile Iron Cross | 605.73 | 120.80 |
| | | *For Cement Mortar Lining (CML), Add* | *42.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *76.09* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *31.70* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0205 | EA | 10" x 6" Mechanical Joint Ductile Iron Cross | 695.01 | 145.79 |
| | | *For Cement Mortar Lining (CML), Add* | *47.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *85.34* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *35.56* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0206 | EA | 10" x 8" Mechanical Joint Ductile Iron Cross | 823.46 | 155.16 |
| | | *For Cement Mortar Lining (CML), Add* | *58.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *105.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *44.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0207 | EA | 10" x 10" Mechanical Joint Ductile Iron Cross | 890.80 | 166.59 |
| | | *For Cement Mortar Lining (CML), Add* | *63.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *114.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *47.88* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0208 | EA | 12 x 4" Mechanical Joint Ductile Iron Cross | 732.87 | 131.19 |
| | | *For Cement Mortar Lining (CML), Add* | *53.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *96.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *40.06* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0209 | EA | 12" x 6" Mechanical Joint Ductile Iron Cross | 852.14 | 156.18 |
| | | *For Cement Mortar Lining (CML), Add* | *61.55* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *110.79* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *46.16* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0210 | EA | 12" x 8" Mechanical Joint Ductile Iron Cross | 1,221.93 | 165.56 |
| | | *For Cement Mortar Lining (CML), Add* | *97.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *174.80* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *72.83* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0211 | EA | 12" x 10" Mechanical Joint Ductile Iron Cross | 1,239.30 | 177.02 |
| | | *For Cement Mortar Lining (CML), Add* | *97.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *174.80* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *72.83* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0212 | EA | 12" x 12" Mechanical Joint Ductile Iron Cross | 1,405.00 | 187.42 |
| | | *For Cement Mortar Lining (CML), Add* | *112.10* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *201.79* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *84.08* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0213 | EA | 14" x 6" Mechanical Joint Ductile Iron Cross | 1,437.03 | 171.79 |
| | | *For Cement Mortar Lining (CML), Add* | *117.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *211.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *88.26* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0214 | EA | 14" x 8" Mechanical Joint Ductile Iron Cross | 1,688.30 | 181.16 |
| | | *For Cement Mortar Lining (CML), Add* | *141.38* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *254.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *106.04* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0215 | EA | 14" x 10" Mechanical Joint Ductile Iron Cross | 1,734.22 | 192.63 |
| | | *For Cement Mortar Lining (CML), Add* | *144.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *259.62* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *108.18* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0216 | EA | 14" x 12" Mechanical Joint Ductile Iron Cross | 1,829.95 | 203.02 |
| | | *For Cement Mortar Lining (CML), Add* | *152.23* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *274.02* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *114.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0217 | EA | 14" x 14" Mechanical Joint Ductile Iron Cross | 2,023.54 | 218.66 |
| | | *For Cement Mortar Lining (CML), Add* | *169.23* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *304.61* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *126.92* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0218 | EA | 16" x 6" Mechanical Joint Ductile Iron Cross | 1,642.94 | 193.65 |
| | | *For Cement Mortar Lining (CML), Add* | *134.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *242.92* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *101.22* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0219 | EA | 16" x 8" Mechanical Joint Ductile Iron Cross | 1,867.07 | 203.02 |
| | | *For Cement Mortar Lining (CML), Add* | *155.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *280.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *116.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0220 | EA | 16" x 10" Mechanical Joint Ductile Iron Cross | 2,230.87 | 214.48 |
| | | *For Cement Mortar Lining (CML), Add* | *190.59* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *343.06* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *142.94* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0221 | EA | 16" x 12" Mechanical Joint Ductile Iron Cross | 2,484.28 | 224.88 |
| | | *For Cement Mortar Lining (CML), Add* | *214.36* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *385.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *160.77* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0222 | EA | 16" x 14" Mechanical Joint Ductile Iron Cross | 2,996.33 | 240.49 |
| | | *For Cement Mortar Lining (CML), Add* | *263.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *473.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *197.40* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0223 | EA | 16" x 16" Mechanical Joint Ductile Iron Cross | 3,504.99 | 262.38 |
| | | *For Cement Mortar Lining (CML), Add* | *310.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *559.35* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *233.06* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0224 | EA | 18" x 6" Mechanical Joint Ductile Iron Cross | 2,704.69 | 228.98 |
| | | *For Cement Mortar Lining (CML), Add* | *235.78* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *424.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *176.83* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0225 | EA | 18" x 8" Mechanical Joint Ductile Iron Cross | 2,858.86 | 238.36 |
| | | *For Cement Mortar Lining (CML), Add* | *249.77* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *449.59* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *187.33* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0226 | EA | 18" x 10" Mechanical Joint Ductile Iron Cross | 2,993.32 | 249.81 |
| | | *For Cement Mortar Lining (CML), Add* | *261.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *470.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *196.11* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0227 | EA | 18" x 12" Mechanical Joint Ductile Iron Cross | 3,243.28 | 260.22 |
| | | *For Cement Mortar Lining (CML), Add* | *284.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *512.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *213.68* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0228 | EA | 18" x 14" Mechanical Joint Ductile Iron Cross | 3,779.61 | 275.82 |
| | | *For Cement Mortar Lining (CML), Add* | *336.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *605.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *252.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0229 | EA | 18" x 16" Mechanical Joint Ductile Iron Cross | 4,024.08 | 297.67 |
| | | *For Cement Mortar Lining (CML), Add* | *357.31* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *643.15* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *267.98* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0230 | EA | 18" x 18" Mechanical Joint Ductile Iron Cross | 4,217.57 | 332.99 |
| | | *For Cement Mortar Lining (CML), Add* | *371.30* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *668.34* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *278.48* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0231 | EA | 20" x 6" Mechanical Joint Ductile Iron Cross | 3,400.00 | 287.30 |
| | | *For Cement Mortar Lining (CML), Add* | *296.47* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *533.64* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *222.35* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0232 | EA | 20" x 8" Mechanical Joint Ductile Iron Cross | 3,555.58 | 296.67 |
| | | *For Cement Mortar Lining (CML), Add* | *310.61* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *559.09* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *232.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0233 | EA | 20" x 10" Mechanical Joint Ductile Iron Cross | 3,665.77 | 308.14 |
| | | *For Cement Mortar Lining (CML), Add* | *319.89* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *575.80* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *239.92* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0234 | EA | 20" x 12" Mechanical Joint Ductile Iron Cross | 3,914.31 | 318.53 |
| | | *For Cement Mortar Lining (CML), Add* | *343.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *617.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *257.38* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0235 | EA | 20" x 14" Mechanical Joint Ductile Iron Cross | 3,985.08 | 334.15 |
| | | *For Cement Mortar Lining (CML), Add* | *347.88* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *626.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *260.91* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0236 | EA | 20" x 16" Mechanical Joint Ductile Iron Cross | 4,812.21 | 356.00 |
| | | *For Cement Mortar Lining (CML), Add* | *427.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *769.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *320.46* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0237 | EA | 20" x 18" Mechanical Joint Ductile Iron Cross | 5,005.70 | 391.33 |
| | | *For Cement Mortar Lining (CML), Add* | *441.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *794.30* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *330.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0238 | EA | 20" x 20" Mechanical Joint Ductile Iron Cross | 5,421.09 | 449.60 |
| | | *For Cement Mortar Lining (CML), Add* | *473.98* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *853.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *355.49* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0239 | EA | 24" x 6" Mechanical Joint Ductile Iron Cross | 4,630.28 | 359.39 |
| | | *For Cement Mortar Lining (CML), Add* | *408.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *735.43* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *306.43* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0240 | EA | 24" x 8" Mechanical Joint Ductile Iron Cross | 4,739.02 | 368.77 |
| | | *For Cement Mortar Lining (CML), Add* | *418.00* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *752.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *313.50* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0241 | EA | 24" x 10" Mechanical Joint Ductile Iron Cross | 4,918.90 | 380.23 |
| | | *For Cement Mortar Lining (CML), Add* | *434.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *781.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *325.71* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0242 | EA | 24" x 12" Mechanical Joint Ductile Iron Cross | 5,074.61 | 390.63 |
| | | *For Cement Mortar Lining (CML), Add* | *448.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *806.89* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *336.21* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0243 | EA | 24" x 14" Mechanical Joint Ductile Iron Cross | 5,168.22 | 406.24 |
| | | *For Cement Mortar Lining (CML), Add* | *455.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *819.49* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *341.45* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0244 | EA | 24" x 16" Mechanical Joint Ductile Iron Cross | 5,365.56 | 428.10 |
| | | *For Cement Mortar Lining (CML), Add* | *471.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *849.05* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *353.77* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0245 | EA | 24" x 18" Mechanical Joint Ductile Iron Cross | 7,077.11 | 463.42 |
| | | *For Cement Mortar Lining (CML), Add* | *637.50* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *1,147.49* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *478.12* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0246 | EA | 24" x 20" Mechanical Joint Ductile Iron Cross | 7,468.23 | 521.74 |
| | | *For Cement Mortar Lining (CML), Add* | *667.77* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *1,201.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *500.83* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0247 | EA | 24" x 24" Mechanical Joint Ductile Iron Cross | 8,231.52 | 593.86 |
| | | *For Cement Mortar Lining (CML), Add* | *733.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *1,319.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *549.88* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| **33 14 13 13-0248** | | **Mechanical Joint x Mechanical Joint Ductile Iron Reducers** *(33 14 13 13-0002)* | | |
| 33 14 13 13-0249 | EA | 4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 141.71 | 38.86 |
| | | *For Cement Mortar Lining (CML), Add* | *8.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *14.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.21* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0250 | EA | 6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 165.20 | 48.70 |
| | | *For Cement Mortar Lining (CML), Add* | *9.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *16.45* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.86* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0251 | EA | 6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 178.55 | 51.86 |
| | | *For Cement Mortar Lining (CML), Add* | *10.00* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *17.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *7.50* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0252 | EA | 8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 225.72 | 58.43 |
| | | *For Cement Mortar Lining (CML), Add* | *13.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *24.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *10.28* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0253 | EA | 8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 249.10 | 68.27 |
| | | *For Cement Mortar Lining (CML), Add* | *14.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *26.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *10.92* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0254 | EA | 10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 271.90 | 61.64 |
| | | *For Cement Mortar Lining (CML), Add* | *17.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *32.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *13.39* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0255 | EA | 10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 296.10 | 71.01 |
| | | *For Cement Mortar Lining (CML), Add* | *18.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *33.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *14.14* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0256 | EA | 10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 324.13 | 77.26 |
| | | *For Cement Mortar Lining (CML), Add* | *20.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *37.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *15.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0257 | EA | 12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 328.50 | 67.89 |
| | | *For Cement Mortar Lining (CML), Add* | *22.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *40.62* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *16.92* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0258 | EA | 12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 365.54 | 77.26 |
| | | *For Cement Mortar Lining (CML), Add* | *24.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *44.73* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *18.64* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0259 | EA | 12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 382.16 | 83.50 |
| | | *For Cement Mortar Lining (CML), Add* | *25.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *46.01* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *19.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0260 | EA | 12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 418.43 | 89.54 |
| | | *For Cement Mortar Lining (CML), Add* | *28.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *50.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *21.21* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0261 | EA | 14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 683.95 | 87.59 |
| | | *For Cement Mortar Lining (CML), Add* | *55.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *99.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *41.34* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0262 | EA | 14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 664.87 | 93.85 |
| | | *For Cement Mortar Lining (CML), Add* | *52.27* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *94.08* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *39.20* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0263 | EA | 14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 596.89 | 99.88 |
| | | *For Cement Mortar Lining (CML), Add* | *44.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *80.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *33.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0264 | EA | 14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 627.78 | 106.12 |
| | | *For Cement Mortar Lining (CML), Add* | *46.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *84.06* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *35.02* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0265 | EA | 16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 803.10 | 102.13 |
| | | *For Cement Mortar Lining (CML), Add* | *64.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *116.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *48.63* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0266 | EA | 16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 788.29 | 108.39 |
| | | *For Cement Mortar Lining (CML), Add* | *62.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *112.33* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *46.81* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0267 | EA | 16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 774.59 | 114.43 |
| | | *For Cement Mortar Lining (CML), Add* | *60.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *108.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *45.09* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0268 | EA | 16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 839.75 | 120.68 |
| | | *For Cement Mortar Lining (CML), Add* | *65.69* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *118.25* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *49.27* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0269 | EA | 16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 933.96 | 131.01 |
| | | *For Cement Mortar Lining (CML), Add* | *73.55* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *132.38* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *55.16* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0270 | EA | 18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,002.45 | 132.86 |
| | | *For Cement Mortar Lining (CML), Add* | *80.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *144.21* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *60.09* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0271 | EA | 18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,122.98 | 138.90 |
| | | *For Cement Mortar Lining (CML), Add* | *91.25* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *164.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *68.44* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0272 | EA | 18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,083.90 | 145.15 |
| | | *For Cement Mortar Lining (CML), Add* | *86.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *155.52* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *64.80* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0273 | EA | 18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,149.55 | 155.48 |
| | | *For Cement Mortar Lining (CML), Add* | *91.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *164.51* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *68.55* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0274 | EA | 18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,211.57 | 170.02 |
| | | *For Cement Mortar Lining (CML), Add* | *95.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *171.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *71.55* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0275 | EA | 20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,414.52 | 181.45 |
| | | *For Cement Mortar Lining (CML), Add* | *113.96* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *205.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *85.47* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0276 | EA | 20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,357.96 | 187.47 |
| | | *For Cement Mortar Lining (CML), Add* | *107.39* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *193.31* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *80.54* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0277 | EA | 20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,254.62 | 193.71 |
| | | *For Cement Mortar Lining (CML), Add* | *96.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *173.00* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *72.08* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0278 | EA | 20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,263.14 | 204.06 |
| | | *For Cement Mortar Lining (CML), Add* | *95.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *171.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *71.55* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0279 | EA | 20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,305.16 | 218.60 |
| | | *For Cement Mortar Lining (CML), Add* | *97.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *175.31* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *73.05* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0280 | EA | 20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,563.59 | 243.07 |
| | | *For Cement Mortar Lining (CML), Add* | *119.53* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *215.15* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *89.65* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0281 | EA | 24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,839.24 | 242.15 |
| | | *For Cement Mortar Lining (CML), Add* | *147.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *265.02* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *110.43* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0282 | EA | 24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,892.03 | 252.49 |
| | | *For Cement Mortar Lining (CML), Add* | *150.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *271.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *113.21* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0283 | EA | 24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,934.06 | 267.03 |
| | | *For Cement Mortar Lining (CML), Add* | *152.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *275.30* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *114.71* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0284 | EA | 24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,904.01 | 291.50 |
| | | *For Cement Mortar Lining (CML), Add* | *146.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *263.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *109.68* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0285 | EA | 24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,326.08 | 340.08 |
| | | *For Cement Mortar Lining (CML), Add* | *181.08* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *325.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *135.81* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| **33 14 13 13-0286** | | **Mechanical Joint Ductile Iron Caps** *(33 14 13 13-0002)* | | |
| 33 14 13 13-0287 | EA | 3" Mechanical Joint Ductile Iron Caps | 161.46 | 82.06 |
| | | *For Cement Mortar Lining (CML), Add* | *3.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *6.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *2.78* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0288 | EA | 4" Mechanical Joint Ductile Iron Caps | 184.43 | 96.27 |
| | | *For Cement Mortar Lining (CML), Add* | *3.86* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *6.94* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *2.89* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0289 | EA | 6" Mechanical Joint Ductile Iron Caps | 250.90 | 120.35 |
| | | *For Cement Mortar Lining (CML), Add* | *6.86* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *12.34* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *5.14* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0290 | EA | 8" Mechanical Joint Ductile Iron Caps | 322.64 | 137.55 |
| | | *For Cement Mortar Lining (CML), Add* | *11.43* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *20.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *8.57* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0291 | EA | 10" Mechanical Joint Ductile Iron Caps | 459.76 | 208.24 |
| | | *For Cement Mortar Lining (CML), Add* | *14.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *25.96* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *10.82* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0292 | EA | 12" Mechanical Joint Ductile Iron Caps | 559.84 | 227.17 |
| | | *For Cement Mortar Lining (CML), Add* | *21.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *38.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *16.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0293 | EA | 14" Mechanical Joint Ductile Iron Caps | 705.65 | 249.89 |
| | | *For Cement Mortar Lining (CML), Add* | *32.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *58.87* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *24.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0294 | EA | 16" Mechanical Joint Ductile Iron Caps | 859.10 | 277.62 |
| | | *For Cement Mortar Lining (CML), Add* | *43.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *78.92* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *32.88* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0295 | EA | 18" Mechanical Joint Ductile Iron Caps | 1,008.80 | 312.35 |
| | | *For Cement Mortar Lining (CML), Add* | *53.55* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *96.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *40.16* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0296 | EA | 20" Mechanical Joint Ductile Iron Caps | 1,233.50 | 356.94 |
| | | *For Cement Mortar Lining (CML), Add* | *69.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *124.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *51.95* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0297 | EA | 24" Mechanical Joint Ductile Iron Caps | 1,582.13 | 416.48 |
| | | *For Cement Mortar Lining (CML), Add* | *95.11* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *171.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *71.33* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| **33 14 13 13-0298** | | **Mechanical Joint Ductile Iron Plug** *(33 14 13 13-0002)* | | |
| 33 14 13 13-0299 | EA | 3" Mechanical Joint Ductile Iron Plug | 167.17 | 82.06 |
| | | *For Cement Mortar Lining (CML), Add* | *4.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *7.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *3.21* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0300 | EA | 4" Mechanical Joint Ductile Iron Plug | 193.00 | 96.27 |
| | | *For Cement Mortar Lining (CML), Add* | *4.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *8.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *3.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0301 | EA | 6" Mechanical Joint Ductile Iron Plug | 273.75 | 120.35 |
| | | *For Cement Mortar Lining (CML), Add* | *9.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *16.45* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.86* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0302 | EA | 8" Mechanical Joint Ductile Iron Plug | 345.50 | 137.55 |
| | | *For Cement Mortar Lining (CML), Add* | *13.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *24.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *10.28* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0303 | EA | 10" Mechanical Joint Ductile Iron Plug | 552.58 | 208.24 |
| | | *For Cement Mortar Lining (CML), Add* | *23.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *42.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *17.78* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0304 | EA | 12" Mechanical Joint Ductile Iron Plug | 585.55 | 227.17 |
| | | *For Cement Mortar Lining (CML), Add* | *24.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *43.44* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *18.10* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0305 | EA | 14" Mechanical Joint Ductile Iron Plug | 869.88 | 249.89 |
| | | *For Cement Mortar Lining (CML), Add* | *49.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *88.43* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *36.84* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0306 | EA | 16" Mechanical Joint Ductile Iron Plug | 483.52 | 277.62 |
| | | *For Cement Mortar Lining (CML), Add* | *6.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *11.31* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *4.71* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0307 | EA | 18" Mechanical Joint Ductile Iron Plug | 1,253.00 | 312.35 |
| | | *For Cement Mortar Lining (CML), Add* | *77.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *140.35* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *58.48* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0308 | EA | 20" Mechanical Joint Ductile Iron Plug | 1,566.24 | 356.94 |
| | | *For Cement Mortar Lining (CML), Add* | *102.54* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *184.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *76.90* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0309 | EA | 24" Mechanical Joint Ductile Iron Plug | 2,053.40 | 416.48 |
| | | *For Cement Mortar Lining (CML), Add* | *142.24* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *256.03* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *106.68* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0310 | | Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0002)* | | |
| 33 14 13 13-0311 | EA | 3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 281.81 | 124.72 |
| | | *For Cement Mortar Lining (CML), Add* | *9.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *16.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0312 | EA | 4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 318.79 | 144.42 |
| | | *For Cement Mortar Lining (CML), Add* | *10.00* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *17.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *7.50* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0313 | EA | 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 412.03 | 180.52 |
| | | *For Cement Mortar Lining (CML), Add* | *13.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *24.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *10.39* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0314 | EA | 8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 522.52 | 206.28 |
| | | *For Cement Mortar Lining (CML), Add* | *20.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *37.79* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *15.74* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0315 | EA | 10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 838.86 | 312.35 |
| | | *For Cement Mortar Lining (CML), Add* | *36.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *65.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *27.42* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0316 | EA | 12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 984.71 | 340.75 |
| | | *For Cement Mortar Lining (CML), Add* | *46.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *84.31* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *35.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0317 | EA | 14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 1,311.96 | 374.83 |
| | | *For Cement Mortar Lining (CML), Add* | *74.40* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *133.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *55.80* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0318 | EA | 16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 1,480.74 | 416.48 |
| | | *For Cement Mortar Lining (CML), Add* | *84.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *152.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *63.73* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0319 | EA | 18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 2,009.46 | 468.54 |
| | | *For Cement Mortar Lining (CML), Add* | *129.96* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *233.92* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *97.47* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0320 | EA | 20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 2,359.36 | 535.46 |
| | | *For Cement Mortar Lining (CML), Add* | *154.80* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *278.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *116.10* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0321 | EA | 24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 2,853.04 | 624.72 |
| | | *For Cement Mortar Lining (CML), Add* | *190.65* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *343.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *142.99* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| **33 14 13 13-0322** | | **Mechanical Joint Ductile Iron Long Sleeves** *(33 14 13 13-0002)* | | |
| 33 14 13 13-0323 | EA | 3" Mechanical Joint Ductile Iron Long Sleeves | 267.52 | 124.72 |
| | | *For Cement Mortar Lining (CML), Add* | *7.85* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *14.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *5.89* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0324 | EA | 4" Mechanical Joint Ductile Iron Long Sleeves | 311.65 | 144.42 |
| | | *For Cement Mortar Lining (CML), Add* | *9.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *16.71* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0325 | EA | 6" Mechanical Joint Ductile Iron Long Sleeves | 429.17 | 180.52 |
| | | *For Cement Mortar Lining (CML), Add* | *15.57* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *28.02* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *11.67* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0326 | EA | 8" Mechanical Joint Ductile Iron Long Sleeves | 568.22 | 206.28 |
| | | *For Cement Mortar Lining (CML), Add* | *25.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *46.01* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *19.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0327 | EA | 10" Mechanical Joint Ductile Iron Long Sleeves | 777.45 | 312.35 |
| | | *For Cement Mortar Lining (CML), Add* | *30.42* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *54.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *22.81* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0328 | EA | 12" Mechanical Joint Ductile Iron Long Sleeves | 927.59 | 340.75 |
| | | *For Cement Mortar Lining (CML), Add* | *41.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *74.03* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *30.85* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0329 | EA | 14" Mechanical Joint Ductile Iron Long Sleeves | 1,189.14 | 374.83 |
| | | *For Cement Mortar Lining (CML), Add* | *62.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *111.82* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *46.59* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0330 | EA | 16" Mechanical Joint Ductile Iron Long Sleeves | 1,417.90 | 416.48 |
| | | *For Cement Mortar Lining (CML), Add* | *78.69* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *141.64* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *59.02* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0331 | EA | 18" Mechanical Joint Ductile Iron Long Sleeves | 1,716.71 | 468.54 |
| | | *For Cement Mortar Lining (CML), Add* | *100.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *181.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *75.51* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0332 | EA | 20" Mechanical Joint Ductile Iron Long Sleeves | 2,026.62 | 535.46 |
| | | *For Cement Mortar Lining (CML), Add* | *121.53* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *218.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *91.15* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0333 | EA | 24" Mechanical Joint Ductile Iron Long Sleeves | 2,547.43 | 624.72 |
| | | *For Cement Mortar Lining (CML), Add* | *160.09* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *288.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *120.07* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0334 | | **Mechanical Joint Ductile Iron Gland Packs** *(33 14 13 13-0002)*<br>Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts. | | |
| 33 14 13 13-0335 | | **Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts** *(33 14 13 13-0334)*<br>Note: Labor installation is included with pipe fittings or valves. | | |
| 33 14 13 13-0336 | EA | 3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts | 28.56 | |
| 33 14 13 13-0337 | EA | 4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes four (4) 3/4" diameter plain finish Boltss with nut. | 53.06 | |
| 33 14 13 13-0338 | EA | 6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes six (6) 3/4" diameter plain finish Boltss with nut. | 64.11 | |
| 33 14 13 13-0339 | EA | 8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes six (6) 3/4" diameter plain finish Boltss with nut. | 75.16 | |
| 33 14 13 13-0340 | EA | 10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut. | 103.90 | |
| 33 14 13 13-0341 | EA | 12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut. | 110.53 | |
| 33 14 13 13-0342 | EA | 14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut. | 181.27 | |
| 33 14 13 13-0343 | EA | 16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut. | 192.33 | |
| 33 14 13 13-0344 | EA | 18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut. | 256.43 | |
| 33 14 13 13-0345 | EA | 20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut. | 331.60 | |
| 33 14 13 13-0346 | EA | 24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut. | 462.02 | |
| 33 14 13 13-0347 | | **Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts** *(33 14 13 13-0334)*<br>Note: Labor installation is included with pipe fittings or valves. | | |
| 33 14 13 13-0348 | EA | 3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts | 48.55 | |
| 33 14 13 13-0349 | EA | 4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes four (4) 3/4" diameter plain finish Boltss with nut. | 75.16 | |
| 33 14 13 13-0350 | EA | 6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes six (6) 3/4" diameter plain finish Boltss with nut. | 95.06 | |
| 33 14 13 13-0351 | EA | 8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes six (6) 3/4" diameter plain finish Boltss with nut. | 103.90 | |
| 33 14 13 13-0352 | EA | 10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut. | 143.69 | |
| 33 14 13 13-0353 | EA | 12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut. | 150.32 | |
| 33 14 13 13-0354 | EA | 14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut. | 227.70 | |
| 33 14 13 13-0355 | EA | 16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut. | 249.80 | |
| 33 14 13 13-0356 | EA | 18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut. | 331.60 | |
| 33 14 13 13-0357 | EA | 20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut. | 428.86 | |
| 33 14 13 13-0358 | EA | 24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts<br>Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut. | 599.08 | |
| 33 14 13 13-0359 | | **Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts** *(33 14 13 13-0334)*<br>Note: Labor installation is included with pipe fittings or valves. | | |
| 33 14 13 13-0360 | EA | 3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts | 31.42 | |
| 33 14 13 13-0361 | EA | 4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes four (4) 3/4" diameter plain finish Boltss with nut. | 57.48 | |
| 33 14 13 13-0362 | EA | 6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes six (6) 3/4" diameter plain finish Boltss with nut. | 68.53 | |
| 33 14 13 13-0363 | EA | 8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes six (6) 3/4" diameter plain finish Boltss with nut. | 81.79 | |
| 33 14 13 13-0364 | EA | 10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut. | 112.74 | |
| 33 14 13 13-0365 | EA | 12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut. | 119.37 | |
| 33 14 13 13-0366 | EA | 14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut. | 196.75 | |
| 33 14 13 13-0367 | EA | 16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut. | 207.80 | |
| 33 14 13 13-0368 | EA | 18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut. | 280.75 | |
| 33 14 13 13-0369 | EA | 20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut. | 360.33 | |
| 33 14 13 13-0370 | EA | 24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts<br>Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut. | 504.03 | |
| 33 14 13 13-0371 | | **Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series)** *(33 14 13 13-0002)*<br>Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting. | | |
| 33 14 13 13-0372 | EA | 3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC) | 178.45 | 62.56 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0373 | EA | 4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC) | 203.14 | 74.10 |
| 33 14 13 13-0374 | EA | 6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC) | 252.03 | 91.70 |
| 33 14 13 13-0375 | EA | 8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC) | 315.60 | 107.02 |
| 33 14 13 13-0376 | EA | 10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC) | 455.98 | 156.18 |
| 33 14 13 13-0377 | EA | 12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC) | 564.47 | 178.52 |
| 33 14 13 13-0378 | EA | 14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC) | 659.88 | 192.15 |
| 33 14 13 13-0379 | EA | 16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC) | 817.94 | 208.24 |
| 33 14 13 13-0380 | EA | 18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC) | 1,052.40 | 249.89 |
| 33 14 13 13-0381 | EA | 20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC) | 1,245.02 | 277.53 |
| 33 14 13 13-0382 | EA | 24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC) | 1,623.46 | 320.22 |

### 33 14 13 13-0383 Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) *(33 14 13 13-0002)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0384 | EA | 3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 4,018.94 | 51.20 |
| 33 14 13 13-0385 | EA | 4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 4,182.86 | 64.00 |
| 33 14 13 13-0386 | EA | 6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 6,069.49 | 94.59 |
| 33 14 13 13-0387 | EA | 8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 8,250.96 | 112.19 |
| 33 14 13 13-0388 | EA | 10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 10,403.87 | 124.66 |
| 33 14 13 13-0389 | EA | 12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 13,880.06 | 146.24 |
| 33 14 13 13-0390 | EA | 14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 17,101.39 | 163.98 |
| 33 14 13 13-0391 | EA | 16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 20,232.91 | 187.42 |
| 33 14 13 13-0392 | EA | 18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 22,801.83 | 262.38 |
| 33 14 13 13-0393 | EA | 20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 30,680.00 | 327.98 |
| 33 14 13 13-0394 | EA | 24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint | 42,513.76 | 437.30 |

### 33 14 13 13-0395 Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) *(33 14 13 13-0002)*

Note: Includes machined bolts and gasket.

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0396 | EA | 3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM) | 177.10 | 62.56 |
| 33 14 13 13-0397 | EA | 4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM) | 228.18 | 74.10 |
| 33 14 13 13-0398 | EA | 6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM) | 295.45 | 91.70 |
| 33 14 13 13-0399 | EA | 8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM) | 336.89 | 107.02 |
| 33 14 13 13-0400 | EA | 10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM) | 595.00 | 164.11 |
| 33 14 13 13-0401 | EA | 12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM) | 673.14 | 187.58 |

### 33 14 13 13-0402 Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) *(33 14 13 13-0002)*

Note: Includes nuts, bolts and gasket.

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0403 | EA | 3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300)) | 262.18 | 62.56 |
| 33 14 13 13-0404 | EA | 4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400) | 326.62 | 74.10 |
| 33 14 13 13-0405 | EA | 6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600) | 453.72 | 91.70 |
| 33 14 13 13-0406 | EA | 8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800) | 659.62 | 107.02 |
| 33 14 13 13-0407 | EA | 10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000) | 954.33 | 164.11 |
| 33 14 13 13-0408 | EA | 12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200) | 1,188.88 | 187.58 |
| 33 14 13 13-0409 | EA | 14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400) | 1,844.09 | 201.90 |
| 33 14 13 13-0410 | EA | 16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600) | 2,593.46 | 218.82 |
| 33 14 13 13-0411 | EA | 18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800) | 2,931.27 | 262.58 |
| 33 14 13 13-0412 | EA | 20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000) | 3,237.74 | 291.62 |
| 33 14 13 13-0413 | EA | 24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400) | 3,919.19 | 336.48 |
| 33 14 13 13-0414 | EA | 30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000) | 5,046.39 | 403.51 |
| 33 14 13 13-0415 | EA | 36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600) | 7,551.20 | 504.97 |
| 33 14 13 13-0416 | EA | 42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200) | 19,799.95 | 582.64 |
| 33 14 13 13-0417 | EA | 48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800) | 25,360.48 | 749.34 |

### 33 14 13 13-0418 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*

Note: . See CSI section 33 14 13 13-0334 for bolts and gaskets.

### 33 14 13 13-0419 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0420 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 358.29 | 35.71 |
| 33 14 13 13-0421 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 428.81 | 42.77 |
| 33 14 13 13-0422 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 665.28 | 62.66 |
| 33 14 13 13-0423 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 908.82 | 74.60 |
| 33 14 13 13-0424 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 1,245.50 | 83.30 |
| 33 14 13 13-0425 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 1,578.59 | 97.49 |
| 33 14 13 13-0426 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 2,242.07 | 109.80 |
| 33 14 13 13-0427 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 2,719.87 | 124.95 |
| 33 14 13 13-0428 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 3,288.24 | 175.11 |
| 33 14 13 13-0429 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 4,098.55 | 218.66 |
| 33 14 13 13-0430 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow | 5,793.65 | 291.53 |

### 33 14 13 13-0431 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0432 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 342.58 | 35.71 |
| 33 14 13 13-0433 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 401.68 | 42.77 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0434 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 618.16 | 62.66 |
| 33 14 13 13-0435 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 835.99 | 74.60 |
| 33 14 13 13-0436 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 1,091.27 | 83.30 |
| 33 14 13 13-0437 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 1,440.06 | 97.49 |
| 33 14 13 13-0438 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 1,945.03 | 109.80 |
| 33 14 13 13-0439 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 2,328.57 | 124.95 |
| 33 14 13 13-0440 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 2,755.56 | 175.11 |
| 33 14 13 13-0441 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 3,345.95 | 218.66 |
| 33 14 13 13-0442 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow | 4,409.84 | 291.53 |
| **33 14 13 13-0443** | | **Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0418)* | | |
| 33 14 13 13-0444 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 266.89 | 35.71 |
| 33 14 13 13-0445 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 397.39 | 42.77 |
| 33 14 13 13-0446 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 601.02 | 62.66 |
| 33 14 13 13-0447 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 830.28 | 74.60 |
| 33 14 13 13-0448 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 1,089.84 | 83.30 |
| 33 14 13 13-0449 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 1,357.23 | 97.49 |
| 33 14 13 13-0450 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 1,956.45 | 109.80 |
| 33 14 13 13-0451 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 2,277.16 | 124.95 |
| 33 14 13 13-0452 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 2,742.71 | 175.11 |
| 33 14 13 13-0453 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 3,464.48 | 218.66 |
| 33 14 13 13-0454 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 4,315.59 | 291.53 |
| 33 14 13 13-0455 | EA | 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 7,209.52 | 312.35 |
| 33 14 13 13-0456 | EA | 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 9,835.22 | 324.67 |
| 33 14 13 13-0457 | EA | 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 14,069.00 | 374.83 |
| 33 14 13 13-0458 | EA | 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow | 18,009.62 | 398.49 |
| **33 14 13 13-0459** | | **Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0418)* | | |
| 33 14 13 13-0460 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 266.89 | 35.71 |
| 33 14 13 13-0461 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 475.94 | 42.77 |
| 33 14 13 13-0462 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 606.73 | 62.66 |
| 33 14 13 13-0463 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 804.57 | 74.60 |
| 33 14 13 13-0464 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 1,086.99 | 83.30 |
| 33 14 13 13-0465 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 1,318.68 | 97.49 |
| 33 14 13 13-0466 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 2,106.40 | 109.80 |
| 33 14 13 13-0467 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 2,347.14 | 124.95 |
| 33 14 13 13-0468 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 3,148.28 | 175.11 |
| 33 14 13 13-0469 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 3,341.66 | 218.66 |
| 33 14 13 13-0470 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow | 4,317.02 | 291.53 |
| **33 14 13 13-0471** | | **Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow** *(33 14 13 13-0418)* | | |
| 33 14 13 13-0472 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 314.02 | 35.71 |
| 33 14 13 13-0473 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 461.66 | 42.77 |
| 33 14 13 13-0474 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 719.55 | 62.66 |
| 33 14 13 13-0475 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 977.37 | 74.60 |
| 33 14 13 13-0476 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 1,345.47 | 83.30 |
| 33 14 13 13-0477 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 1,688.55 | 97.49 |
| 33 14 13 13-0478 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 3,031.80 | 109.80 |
| 33 14 13 13-0479 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 4,729.18 | 124.95 |
| 33 14 13 13-0480 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 5,406.08 | 175.11 |
| 33 14 13 13-0481 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 6,232.10 | 218.66 |
| 33 14 13 13-0482 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow | 6,741.90 | 291.53 |
| **33 14 13 13-0483** | | **Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow** *(33 14 13 13-0418)* | | |
| 33 14 13 13-0484 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 314.02 | 35.71 |
| 33 14 13 13-0485 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 407.38 | 42.77 |
| 33 14 13 13-0486 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 641.01 | 62.66 |
| 33 14 13 13-0487 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 905.96 | 74.60 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0488 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 1,201.23 | 83.30 |
| 33 14 13 13-0489 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 1,562.88 | 97.49 |
| 33 14 13 13-0490 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 2,082.11 | 109.80 |
| 33 14 13 13-0491 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 2,501.37 | 124.95 |
| 33 14 13 13-0492 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 4,677.76 | 175.11 |
| 33 14 13 13-0493 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 4,909.69 | 218.66 |
| 33 14 13 13-0494 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow | 5,116.74 | 291.53 |

## 33 14 13 13-0495 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0496 | EA | 3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 442.46 | 53.57 |
| 33 14 13 13-0497 | EA | 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 482.79 | 60.39 |
| 33 14 13 13-0498 | EA | 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 509.62 | 62.66 |
| 33 14 13 13-0499 | EA | 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 725.86 | 79.43 |
| 33 14 13 13-0500 | EA | 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 786.51 | 82.56 |
| 33 14 13 13-0501 | EA | 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 829.99 | 92.49 |
| 33 14 13 13-0502 | EA | 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 964.94 | 95.48 |
| 33 14 13 13-0503 | EA | 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,044.13 | 105.43 |
| 33 14 13 13-0504 | EA | 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,148.33 | 112.39 |
| 33 14 13 13-0505 | EA | 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,294.67 | 103.17 |
| 33 14 13 13-0506 | EA | 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,293.16 | 112.64 |
| 33 14 13 13-0507 | EA | 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,401.17 | 119.26 |
| 33 14 13 13-0508 | EA | 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,511.71 | 124.95 |
| 33 14 13 13-0509 | EA | 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,557.80 | 115.47 |
| 33 14 13 13-0510 | EA | 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,571.99 | 124.95 |
| 33 14 13 13-0511 | EA | 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,700.00 | 131.57 |
| 33 14 13 13-0512 | EA | 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,959.05 | 137.25 |
| 33 14 13 13-0513 | EA | 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 1,964.24 | 143.87 |
| 33 14 13 13-0514 | EA | 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 2,224.54 | 145.77 |
| 33 14 13 13-0515 | EA | 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 2,406.81 | 152.39 |
| 33 14 13 13-0516 | EA | 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 2,920.07 | 158.07 |
| 33 14 13 13-0517 | EA | 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 3,082.34 | 164.69 |
| 33 14 13 13-0518 | EA | 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 2,856.66 | 175.11 |
| 33 14 13 13-0519 | EA | 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 2,661.26 | 175.11 |
| 33 14 13 13-0520 | EA | 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 2,805.06 | 180.79 |
| 33 14 13 13-0521 | EA | 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 3,364.01 | 187.42 |
| 33 14 13 13-0522 | EA | 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 3,156.41 | 193.09 |
| 33 14 13 13-0523 | EA | 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,116.03 | 203.50 |
| 33 14 13 13-0524 | EA | 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 3,725.36 | 218.66 |
| 33 14 13 13-0525 | EA | 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 3,493.81 | 224.33 |
| 33 14 13 13-0526 | EA | 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 3,684.64 | 230.01 |
| 33 14 13 13-0527 | EA | 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 3,926.56 | 235.69 |
| 33 14 13 13-0528 | EA | 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,150.24 | 242.31 |
| 33 14 13 13-0529 | EA | 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,264.44 | 252.72 |
| 33 14 13 13-0530 | EA | 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,556.39 | 266.93 |
| 33 14 13 13-0531 | EA | 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 5,086.15 | 291.53 |
| 33 14 13 13-0532 | EA | 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,019.46 | 320.88 |
| 33 14 13 13-0533 | EA | 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,087.48 | 327.51 |
| 33 14 13 13-0534 | EA | 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,490.77 | 333.18 |
| 33 14 13 13-0535 | EA | 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,711.59 | 339.81 |
| 33 14 13 13-0536 | EA | 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,758.67 | 350.22 |
| 33 14 13 13-0537 | EA | 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,699.31 | 364.42 |
| 33 14 13 13-0538 | EA | 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 6,004.52 | 389.03 |
| 33 14 13 13-0539 | EA | 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 5,124.16 | 437.30 |
| 33 14 13 13-0540 | EA | 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,880.24 | 417.43 |
| 33 14 13 13-0541 | EA | 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 4,926.85 | 425.00 |
| 33 14 13 13-0542 | EA | 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 5,015.97 | 429.73 |
| 33 14 13 13-0543 | EA | 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 5,148.24 | 436.36 |
| 33 14 13 13-0544 | EA | 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 5,853.66 | 446.77 |
| 33 14 13 13-0545 | EA | 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 6,105.62 | 460.97 |
| 33 14 13 13-0546 | EA | 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 7,510.80 | 485.58 |
| 33 14 13 13-0547 | EA | 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 7,755.78 | 534.80 |
| 33 14 13 13-0548 | EA | 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee | 7,279.34 | 583.07 |

## 33 14 13 13-0549 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0550 | EA | 3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 496.28 | 59.87 |
| 33 14 13 13-0551 | EA | 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 546.27 | 59.87 |
| 33 14 13 13-0552 | EA | 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 641.01 | 62.66 |
| 33 14 13 13-0553 | EA | 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 707.29 | 79.43 |
| 33 14 13 13-0554 | EA | 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 789.37 | 82.56 |
| 33 14 13 13-0555 | EA | 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 965.66 | 92.49 |
| 33 14 13 13-0556 | EA | 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 1,269.12 | 95.48 |
| 33 14 13 13-0557 | EA | 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 1,169.80 | 105.43 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0558 | EA | 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 1,315.42 | 112.39 |
| 33 14 13 13-0559 | EA | 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 1,864.47 | 103.17 |
| 33 14 13 13-0560 | EA | 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 1,941.51 | 112.64 |
| 33 14 13 13-0561 | EA | 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 2,172.33 | 119.26 |
| 33 14 13 13-0562 | EA | 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 2,371.42 | 124.95 |
| 33 14 13 13-0563 | EA | 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 2,276.13 | 115.47 |
| 33 14 13 13-0564 | EA | 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 2,581.64 | 124.95 |
| 33 14 13 13-0565 | EA | 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 3,056.68 | 131.57 |
| 33 14 13 13-0566 | EA | 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 3,058.67 | 137.25 |
| 33 14 13 13-0567 | EA | 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 2,821.09 | 143.87 |
| 33 14 13 13-0568 | EA | 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 3,355.58 | 145.77 |
| 33 14 13 13-0569 | EA | 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 3,859.17 | 152.39 |
| 33 14 13 13-0570 | EA | 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,089.32 | 158.07 |
| 33 14 13 13-0571 | EA | 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,458.67 | 164.69 |
| 33 14 13 13-0572 | EA | 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,317.24 | 175.11 |
| 33 14 13 13-0573 | EA | 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 3,491.06 | 175.11 |
| 33 14 13 13-0574 | EA | 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 3,857.55 | 180.79 |
| 33 14 13 13-0575 | EA | 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 4,582.16 | 187.42 |
| 33 14 13 13-0576 | EA | 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 4,727.30 | 193.09 |
| 33 14 13 13-0577 | EA | 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,859.72 | 203.50 |
| 33 14 13 13-0578 | EA | 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,539.02 | 218.66 |
| 33 14 13 13-0579 | EA | 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 4,950.45 | 224.33 |
| 33 14 13 13-0580 | EA | 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,341.22 | 230.01 |
| 33 14 13 13-0581 | EA | 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,718.80 | 235.69 |
| 33 14 13 13-0582 | EA | 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 6,128.13 | 242.31 |
| 33 14 13 13-0583 | EA | 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 6,189.49 | 252.72 |
| 33 14 13 13-0584 | EA | 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 6,258.66 | 266.93 |
| 33 14 13 13-0585 | EA | 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,665.95 | 291.53 |
| 33 14 13 13-0586 | EA | 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,821.70 | 320.88 |
| 33 14 13 13-0587 | EA | 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 5,949.70 | 327.51 |
| 33 14 13 13-0588 | EA | 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 6,558.63 | 333.18 |
| 33 14 13 13-0589 | EA | 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 7,162.17 | 339.81 |
| 33 14 13 13-0590 | EA | 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 7,227.83 | 350.22 |
| 33 14 13 13-0591 | EA | 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 7,304.13 | 364.42 |
| 33 14 13 13-0592 | EA | 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 8,492.23 | 389.03 |
| 33 14 13 13-0593 | EA | 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 7,983.18 | 437.30 |
| 33 14 13 13-0594 | EA | 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 7,052.35 | 417.43 |
| 33 14 13 13-0595 | EA | 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 7,143.23 | 424.05 |
| 33 14 13 13-0596 | EA | 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 7,992.09 | 429.73 |
| 33 14 13 13-0597 | EA | 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 8,377.13 | 436.36 |
| 33 14 13 13-0598 | EA | 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 9,722.33 | 446.77 |
| 33 14 13 13-0599 | EA | 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 10,833.99 | 460.97 |
| 33 14 13 13-0600 | EA | 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 12,149.21 | 485.58 |
| 33 14 13 13-0601 | EA | 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 13,348.14 | 534.80 |
| 33 14 13 13-0602 | EA | 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) | 11,746.37 | 583.07 |

### 33 14 13 13-0603 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0604 | EA | 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 882.83 | 92.49 |
| 33 14 13 13-0605 | EA | 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 1,098.40 | 105.43 |
| 33 14 13 13-0606 | EA | 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 1,578.78 | 112.64 |
| 33 14 13 13-0607 | EA | 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 1,817.62 | 124.95 |
| 33 14 13 13-0608 | EA | 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 2,405.90 | 145.77 |
| 33 14 13 13-0609 | EA | 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 2,931.26 | 175.11 |
| 33 14 13 13-0610 | EA | 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 3,458.11 | 224.33 |
| 33 14 13 13-0611 | EA | 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 4,646.39 | 320.88 |
| 33 14 13 13-0612 | EA | 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee | 5,419.75 | 417.43 |

### 33 14 13 13-0613 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0614 | EA | 3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 492.36 | 71.42 |
| 33 14 13 13-0615 | EA | 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 616.16 | 77.72 |
| 33 14 13 13-0616 | EA | 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 771.99 | 78.58 |
| 33 14 13 13-0617 | EA | 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 817.37 | 97.41 |
| 33 14 13 13-0618 | EA | 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 957.44 | 105.43 |
| 33 14 13 13-0619 | EA | 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,055.77 | 131.29 |
| 33 14 13 13-0620 | EA | 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,016.64 | 115.38 |
| 33 14 13 13-0621 | EA | 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,197.80 | 141.23 |
| 33 14 13 13-0622 | EA | 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,184.18 | 151.18 |
| 33 14 13 13-0623 | EA | 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,196.96 | 121.16 |
| 33 14 13 13-0624 | EA | 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,340.50 | 145.77 |
| 33 14 13 13-0625 | EA | 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,594.62 | 155.23 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0626 | EA | 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,727.66 | 166.59 |
| 33 14 13 13-0627 | EA | 12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,541.17 | 131.57 |
| 33 14 13 13-0628 | EA | 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,783.25 | 156.18 |
| 33 14 13 13-0629 | EA | 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 1,935.97 | 165.64 |
| 33 14 13 13-0630 | EA | 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 2,260.38 | 177.01 |
| 33 14 13 13-0631 | EA | 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 2,583.17 | 187.42 |
| 33 14 13 13-0632 | EA | 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 2,673.75 | 171.33 |
| 33 14 13 13-0633 | EA | 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 3,173.50 | 180.79 |
| 33 14 13 13-0634 | EA | 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 3,249.41 | 193.09 |
| 33 14 13 13-0635 | EA | 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 3,429.40 | 202.56 |
| 33 14 13 13-0636 | EA | 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 3,801.50 | 218.66 |
| 33 14 13 13-0637 | EA | 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 2,992.47 | 194.04 |
| 33 14 13 13-0638 | EA | 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 3,426.54 | 202.56 |
| 33 14 13 13-0639 | EA | 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 4,136.52 | 214.86 |
| 33 14 13 13-0640 | EA | 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 4,627.83 | 225.28 |
| 33 14 13 13-0641 | EA | 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 5,626.85 | 240.42 |
| 33 14 13 13-0642 | EA | 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 5,871.32 | 262.19 |
| 33 14 13 13-0643 | EA | 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 5,182.41 | 229.07 |
| 33 14 13 13-0644 | EA | 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 5,483.67 | 238.53 |
| 33 14 13 13-0645 | EA | 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 5,740.95 | 249.89 |
| 33 14 13 13-0646 | EA | 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 6,237.96 | 260.29 |
| 33 14 13 13-0647 | EA | 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 7,312.68 | 275.45 |
| 33 14 13 13-0648 | EA | 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 7,778.50 | 297.21 |
| 33 14 13 13-0649 | EA | 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 8,119.08 | 333.18 |
| 33 14 13 13-0650 | EA | 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 6,516.07 | 287.75 |
| 33 14 13 13-0651 | EA | 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 6,820.17 | 296.27 |
| 33 14 13 13-0652 | EA | 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 7,027.47 | 308.57 |
| 33 14 13 13-0653 | EA | 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 7,520.21 | 318.99 |
| 33 14 13 13-0654 | EA | 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 7,640.97 | 334.13 |
| 33 14 13 13-0655 | EA | 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 9,302.09 | 355.90 |
| 33 14 13 13-0656 | EA | 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 9,642.67 | 390.92 |
| 33 14 13 13-0657 | EA | 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 10,402.23 | 449.60 |
| 33 14 13 13-0658 | EA | 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 8,924.51 | 359.68 |
| 33 14 13 13-0659 | EA | 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 9,131.79 | 369.15 |
| 33 14 13 13-0660 | EA | 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 9,483.05 | 380.51 |
| 33 14 13 13-0661 | EA | 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 9,785.85 | 390.92 |
| 33 14 13 13-0662 | EA | 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 9,952.29 | 406.06 |
| 33 14 13 13-0663 | EA | 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 10,322.42 | 427.84 |
| 33 14 13 13-0664 | EA | 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 13,776.23 | 463.81 |
| 33 14 13 13-0665 | EA | 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 14,485.82 | 521.55 |
| 33 14 13 13-0666 | EA | 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross | 15,937.44 | 593.48 |

### 33 14 13 13-0667 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0668 | EA | 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 351.64 | 38.86 |
| 33 14 13 13-0669 | EA | 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 492.23 | 48.70 |
| 33 14 13 13-0670 | EA | 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 541.28 | 51.72 |
| 33 14 13 13-0671 | EA | 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 711.26 | 58.68 |
| 33 14 13 13-0672 | EA | 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 738.94 | 68.63 |
| 33 14 13 13-0673 | EA | 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 871.69 | 61.52 |
| 33 14 13 13-0674 | EA | 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 911.60 | 70.99 |
| 33 14 13 13-0675 | EA | 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 948.20 | 77.62 |
| 33 14 13 13-0676 | EA | 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,008.26 | 68.15 |
| 33 14 13 13-0677 | EA | 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,115.28 | 77.62 |
| 33 14 13 13-0678 | EA | 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,133.33 | 83.30 |
| 33 14 13 13-0679 | EA | 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,183.88 | 89.92 |
| 33 14 13 13-0680 | EA | 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,747.87 | 88.03 |
| 33 14 13 13-0681 | EA | 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,757.35 | 93.71 |
| 33 14 13 13-0682 | EA | 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,528.00 | 100.33 |
| 33 14 13 13-0683 | EA | 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,558.89 | 106.01 |
| 33 14 13 13-0684 | EA | 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,095.51 | 102.23 |
| 33 14 13 13-0685 | EA | 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,032.15 | 108.85 |
| 33 14 13 13-0686 | EA | 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,907.06 | 114.53 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0687 | EA | 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 1,883.67 | 120.21 |
| 33 14 13 13-0688 | EA | 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,130.69 | 130.63 |
| 33 14 13 13-0689 | EA | 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,276.30 | 132.52 |
| 33 14 13 13-0690 | EA | 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,568.20 | 139.14 |
| 33 14 13 13-0691 | EA | 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,452.00 | 144.82 |
| 33 14 13 13-0692 | EA | 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,933.22 | 155.23 |
| 33 14 13 13-0693 | EA | 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,565.39 | 170.38 |
| 33 14 13 13-0694 | EA | 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 3,031.10 | 181.74 |
| 33 14 13 13-0695 | EA | 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 3,054.52 | 187.42 |
| 33 14 13 13-0696 | EA | 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,772.67 | 194.04 |
| 33 14 13 13-0697 | EA | 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,769.76 | 204.45 |
| 33 14 13 13-0698 | EA | 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 2,700.39 | 218.66 |
| 33 14 13 13-0699 | EA | 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 3,195.89 | 243.26 |
| 33 14 13 13-0700 | EA | 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 3,817.13 | 242.31 |
| 33 14 13 13-0701 | EA | 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 3,872.78 | 252.72 |
| 33 14 13 13-0702 | EA | 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 3,940.52 | 266.93 |
| 33 14 13 13-0703 | EA | 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 3,877.62 | 291.53 |
| 33 14 13 13-0704 | EA | 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer | 4,472.48 | 339.81 |

### 33 14 13 13-0705 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0706 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 319.98 | 82.06 |
| 33 14 13 13-0707 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 385.79 | 96.47 |
| 33 14 13 13-0708 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 565.08 | 120.35 |
| 33 14 13 13-0709 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 758.21 | 137.25 |
| 33 14 13 13-0710 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 1,008.14 | 208.24 |
| 33 14 13 13-0711 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 1,272.45 | 227.17 |
| 33 14 13 13-0712 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 1,446.82 | 249.89 |
| 33 14 13 13-0713 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 1,761.65 | 277.34 |
| 33 14 13 13-0714 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 2,064.15 | 312.35 |
| 33 14 13 13-0715 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 2,490.21 | 356.84 |
| 33 14 13 13-0716 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps | 3,194.43 | 416.48 |

### 33 14 13 13-0717 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0718 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 321.41 | 82.06 |
| 33 14 13 13-0719 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 400.07 | 96.47 |
| 33 14 13 13-0720 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 602.21 | 120.35 |
| 33 14 13 13-0721 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 795.34 | 137.25 |
| 33 14 13 13-0722 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 1,220.92 | 208.24 |
| 33 14 13 13-0723 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 1,321.01 | 227.17 |
| 33 14 13 13-0724 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 1,756.72 | 249.89 |
| 33 14 13 13-0725 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 2,120.10 | 277.34 |
| 33 14 13 13-0726 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 2,522.56 | 312.35 |
| 33 14 13 13-0727 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 3,110.00 | 356.84 |
| 33 14 13 13-0728 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug | 4,076.99 | 416.48 |

### 33 14 13 13-0729 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0730 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 436.04 | 124.72 |
| 33 14 13 13-0731 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 577.27 | 144.22 |
| 33 14 13 13-0732 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 794.76 | 181.02 |
| 33 14 13 13-0733 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 1,045.19 | 205.88 |
| 33 14 13 13-0734 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 1,541.47 | 312.35 |
| 33 14 13 13-0735 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 1,841.56 | 340.75 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0736 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 2,410.15 | 374.83 |
| 33 14 13 13-0737 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 2,736.02 | 416.48 |
| 33 14 13 13-0738 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 3,591.78 | 468.54 |
| 33 14 13 13-0739 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 4,165.88 | 535.74 |
| 33 14 13 13-0740 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters | 5,043.71 | 624.72 |

## 33 14 13 13-0741 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0418)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0742 | EA | 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 453.17 | 124.72 |
| 33 14 13 13-0743 | EA | 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 555.85 | 144.22 |
| 33 14 13 13-0744 | EA | 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 819.04 | 181.02 |
| 33 14 13 13-0745 | EA | 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 1,110.89 | 205.88 |
| 33 14 13 13-0746 | EA | 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 1,450.08 | 312.35 |
| 33 14 13 13-0747 | EA | 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 1,755.87 | 340.75 |
| 33 14 13 13-0748 | EA | 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 2,227.36 | 374.83 |
| 33 14 13 13-0749 | EA | 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 2,638.91 | 416.48 |
| 33 14 13 13-0750 | EA | 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 3,151.93 | 468.54 |
| 33 14 13 13-0751 | EA | 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 3,670.34 | 535.74 |
| 33 14 13 13-0752 | EA | 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves | 4,589.58 | 624.72 |

## 33 14 13 13-0753 Push-On Joint Ductile Iron Piping *(33 14 13 13-0001)*

## 33 14 13 13-0754 Push-On Joint Ductile Iron Pipe *(33 14 13 13-0753)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0755 | LF | 4", Class 50, Push-On Joint Ductile Iron Pipe | 32.37 | 8.20 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *13.95* | |
| | | *For Cement Mortar Lining (CML), Add* | *1.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *10.76* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *3.59* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *1.49* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-1.62* | |
| | | *For Class 51, Add* | *2.87* | |
| | | *For Class 52, Add* | *6.19* | |
| | | *For Class 53, Add* | *11.15* | |
| | | *For Class 54, Add* | *15.90* | |
| | | *For Class 55, Add* | *18.29* | |
| | | *For Class 56, Add* | *20.63* | |
| 33 14 13 13-0756 | LF | 6", Class 50, Push-On Joint Ductile Iron Pipe | 35.49 | 9.05 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *15.31* | |
| | | *For Cement Mortar Lining (CML), Add* | *2.19* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *11.81* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *3.94* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *1.64* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-1.77* | |
| | | *For Class 51, Add* | *3.15* | |
| | | *For Class 52, Add* | *6.79* | |
| | | *For Class 53, Add* | *12.23* | |
| | | *For Class 54, Add* | *17.44* | |
| | | *For Class 55, Add* | *20.06* | |
| | | *For Class 56, Add* | *22.64* | |
| 33 14 13 13-0757 | LF | 8", Class 50, Push-On Joint Ductile Iron Pipe | 44.81 | 9.95 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *20.92* | |
| | | *For Cement Mortar Lining (CML), Add* | *2.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *16.14* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *5.38* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *2.24* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-2.24* | |
| | | *For Class 51, Add* | *4.26* | |
| | | *For Class 52, Add* | *9.19* | |
| | | *For Class 53, Add* | *16.58* | |
| | | *For Class 54, Add* | *23.65* | |
| | | *For Class 55, Add* | *27.19* | |
| | | *For Class 56, Add* | *30.67* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0758 | LF | 10", Class 50, Push-On Joint Ductile Iron Pipe | 63.45 | 14.10 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *25.30* | |
| | | *For Cement Mortar Lining (CML), Add* | *4.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *21.08* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *7.59* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *3.16* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-3.17* | |
| | | *For Class 51, Add* | *6.01* | |
| | | *For Class 52, Add* | *12.97* | |
| | | *For Class 53, Add* | *23.39* | |
| | | *For Class 54, Add* | *33.38* | |
| | | *For Class 55, Add* | *38.37* | |
| | | *For Class 56, Add* | *43.27* | |
| 33 14 13 13-0759 | LF | 12", Class 50, Push-On Joint Ductile Iron Pipe | 73.93 | 15.61 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *25.14* | |
| | | *For Cement Mortar Lining (CML), Add* | *5.03* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *20.11* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *9.05* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *3.77* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-3.70* | |
| | | *For Class 51, Add* | *7.15* | |
| | | *For Class 52, Add* | *15.43* | |
| | | *For Class 53, Add* | *27.83* | |
| | | *For Class 54, Add* | *39.71* | |
| | | *For Class 55, Add* | *45.64* | |
| | | *For Class 56, Add* | *51.47* | |
| 33 14 13 13-0760 | LF | 14", Class 50, Push-On Joint Ductile Iron Pipe | 90.68 | 17.61 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *28.20* | |
| | | *For Cement Mortar Lining (CML), Add* | *6.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *21.79* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *11.53* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *4.81* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-4.53* | |
| | | *For Class 51, Add* | *9.07* | |
| | | *For Class 52, Add* | *19.58* | |
| | | *For Class 53, Add* | *35.34* | |
| | | *For Class 54, Add* | *50.44* | |
| | | *For Class 55, Add* | *57.96* | |
| | | *For Class 56, Add* | *65.34* | |
| 33 14 13 13-0761 | LF | 16", Class 50, Push-On Joint Ductile Iron Pipe | 107.75 | 20.06 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *31.72* | |
| | | *For Cement Mortar Lining (CML), Add* | *7.74* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *23.98* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *13.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *5.80* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-5.39* | |
| | | *For Class 51, Add* | *10.93* | |
| | | *For Class 52, Add* | *23.59* | |
| | | *For Class 53, Add* | *42.60* | |
| | | *For Class 54, Add* | *60.82* | |
| | | *For Class 55, Add* | *69.87* | |
| | | *For Class 56, Add* | *78.76* | |
| 33 14 13 13-0762 | LF | 18", Class 50, Push-On Joint Ductile Iron Pipe | 125.35 | 23.48 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *36.84* | |
| | | *For Cement Mortar Lining (CML), Add* | *8.99* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *27.85* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *16.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.74* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-6.27* | |
| | | *For Class 51, Add* | *12.69* | |
| | | *For Class 52, Add* | *27.40* | |
| | | *For Class 53, Add* | *49.48* | |
| | | *For Class 54, Add* | *70.64* | |
| | | *For Class 55, Add* | *81.15* | |
| | | *For Class 56, Add* | *91.48* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0763 | LF | 20", Class 50, Push-On Joint Ductile Iron Pipe | 144.24 | 28.11 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *38.62* | |
| | | *For Cement Mortar Lining (CML), Add* | *10.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *28.46* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *18.30* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *7.62* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-7.21* | |
| | | *For Class 51, Add* | *14.39* | |
| | | *For Class 52, Add* | *31.06* | |
| | | *For Class 53, Add* | *56.07* | |
| | | *For Class 54, Add* | *80.03* | |
| | | *For Class 55, Add* | *91.95* | |
| | | *For Class 56, Add* | *103.67* | |
| 33 14 13 13-0764 | LF | 24", Class 50, Push-On Joint Ductile Iron Pipe | 182.61 | 35.12 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *40.09* | |
| | | *For Cement Mortar Lining (CML), Add* | *12.93* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For 40 Mil Ceramic Epoxy Lining (P401), Add* | *27.16* | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *23.28* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *9.70* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-9.13* | |
| | | *For Class 51, Add* | *18.29* | |
| | | *For Class 52, Add* | *39.49* | |
| | | *For Class 53, Add* | *71.30* | |
| | | *For Class 54, Add* | *101.78* | |
| | | *For Class 55, Add* | *116.94* | |
| | | *For Class 56, Add* | *131.83* | |
| 33 14 13 13-0765 | LF | 30", Class 50, Push-On Joint Ductile Iron Pipe | 217.75 | 37.48 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *49.90* | |
| | | *For Cement Mortar Lining (CML), Add* | *16.10* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *28.97* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *12.07* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-10.89* | |
| | | *For Class 51, Add* | *22.65* | |
| | | *For Class 52, Add* | *48.92* | |
| | | *For Class 53, Add* | *88.39* | |
| | | *For Class 54, Add* | *126.20* | |
| | | *For Class 55, Add* | *144.95* | |
| | | *For Class 56, Add* | *163.37* | |
| 33 14 13 13-0766 | LF | 36", Class 50, Push-On Joint Ductile Iron Pipe | 272.27 | 39.85 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *65.69* | |
| | | *For Cement Mortar Lining (CML), Add* | *21.19* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *38.14* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *15.89* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-13.61* | |
| | | *For Class 51, Add* | *29.64* | |
| | | *For Class 52, Add* | *64.04* | |
| | | *For Class 53, Add* | *115.82* | |
| | | *For Class 54, Add* | *165.41* | |
| | | *For Class 55, Add* | *189.92* | |
| | | *For Class 56, Add* | *213.98* | |
| 33 14 13 13-0767 | LF | 42", Class 50, Push-On Joint Ductile Iron Pipe | 334.08 | 42.21 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *83.76* | |
| | | *For Cement Mortar Lining (CML), Add* | *27.02* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *48.63* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *20.26* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-16.70* | |
| | | *For Class 51, Add* | *37.63* | |
| | | *For Class 52, Add* | *81.33* | |
| | | *For Class 53, Add* | *147.19* | |
| | | *For Class 54, Add* | *210.27* | |
| | | *For Class 55, Add* | *241.36* | |
| | | *For Class 56, Add* | *271.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0768 | LF | 48", Class 50, Push-On Joint Ductile Iron Pipe | 404.33 | 44.49 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *104.42* | |
| | | *For Cement Mortar Lining (CML), Add* | *33.68* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *60.63* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *25.26* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-20.22* | |
| | | *For Class 51, Add* | *46.75* | |
| | | *For Class 52, Add* | *101.09* | |
| | | *For Class 53, Add* | *183.04* | |
| | | *For Class 54, Add* | *261.53* | |
| | | *For Class 55, Add* | *300.13* | |
| | | *For Class 56, Add* | *338.03* | |
| 33 14 13 13-0769 | LF | 54", Class 50, Push-On Joint Ductile Iron Pipe | 515.93 | 46.85 |
| | | *For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add* | *137.93* | |
| | | *For Cement Mortar Lining (CML), Add* | *44.49* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *80.09* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *33.37* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| | | *For >1,000, Deduct* | *-25.80* | |
| | | *For Class 51, Add* | *61.53* | |
| | | *For Class 52, Add* | *133.08* | |
| | | *For Class 53, Add* | *241.11* | |
| | | *For Class 54, Add* | *344.55* | |
| | | *For Class 55, Add* | *395.32* | |
| | | *For Class 56, Add* | *445.15* | |

## 33 14 13 13-0770 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0753)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0771 | EA | 4" 90 Degree Elbow, Push-On Joint Ductile Iron | 157.36 | 32.03 |
| | | *For Cement Mortar Lining (CML), Add* | *10.88* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *19.59* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *8.16* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0772 | EA | 6" 90 Degree Elbow, Push-On Joint Ductile Iron | 228.47 | 47.25 |
| | | *For Cement Mortar Lining (CML), Add* | *15.69* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *28.23* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *11.76* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0773 | EA | 8" 90 Degree Elbow, Push-On Joint Ductile Iron | 302.63 | 56.10 |
| | | *For Cement Mortar Lining (CML), Add* | *21.76* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *39.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *16.32* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0774 | EA | 10" 90 Degree Elbow, Push-On Joint Ductile Iron | 457.75 | 62.28 |
| | | *For Cement Mortar Lining (CML), Add* | *32.89* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *59.21* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *24.67* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0775 | EA | 12" 90 Degree Elbow, Push-On Joint Ductile Iron | 586.22 | 73.07 |
| | | *For Cement Mortar Lining (CML), Add* | *43.52* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *78.34* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *32.64* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0776 | EA | 14" 90 Degree Elbow, Push-On Joint Ductile Iron | 1,123.92 | 81.97 |
| | | *For Cement Mortar Lining (CML), Add* | *95.45* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *171.80* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *71.58* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0777 | EA | 16" 90 Degree Elbow, Push-On Joint Ductile Iron | 1,271.13 | 93.71 |
| | | *For Cement Mortar Lining (CML), Add* | *107.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *193.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *80.81* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0778 | EA | 18" 90 Degree Elbow, Push-On Joint Ductile Iron | 1,971.47 | 131.19 |
| | | *For Cement Mortar Lining (CML), Add* | *170.04* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *306.08* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *127.53* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0779 | EA | 20" 90 Degree Elbow, Push-On Joint Ductile Iron | 2,224.78 | 165.36 |
| | | *For Cement Mortar Lining (CML), Add* | *189.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *340.94* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *142.06* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0780 | EA | 24" 90 Degree Elbow, Push-On Joint Ductile Iron | 2,778.10 | 206.73 |
| | | *For Cement Mortar Lining (CML), Add* | *236.48* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *425.66* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *177.36* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0781 | | Push-On Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0753)* | | |
| 33 14 13 13-0782 | EA | 4" 45 Degree Elbow, Push-On Joint Ductile Iron | 132.61 | 32.03 |
| | | *For Cement Mortar Lining (CML), Add* | *8.41* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *15.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *6.31* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0783 | EA | 6" 45 Degree Elbow, Push-On Joint Ductile Iron | 195.20 | 47.25 |
| | | *For Cement Mortar Lining (CML), Add* | *12.36* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *22.25* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *9.27* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0784 | EA | 8" 45 Degree Elbow, Push-On Joint Ductile Iron | 266.83 | 56.10 |
| | | *For Cement Mortar Lining (CML), Add* | *18.18* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *32.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *13.63* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0785 | EA | 10" 45 Degree Elbow, Push-On Joint Ductile Iron | 408.33 | 62.28 |
| | | *For Cement Mortar Lining (CML), Add* | *27.95* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *50.31* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *20.96* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0786 | EA | 12" 45 Degree Elbow, Push-On Joint Ductile Iron | 523.24 | 73.07 |
| | | *For Cement Mortar Lining (CML), Add* | *37.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *67.00* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *27.92* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0787 | EA | 14" 45 Degree Elbow, Push-On Joint Ductile Iron | 730.67 | 81.97 |
| | | *For Cement Mortar Lining (CML), Add* | *56.12* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *101.01* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *42.09* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0788 | EA | 16" 45 Degree Elbow, Push-On Joint Ductile Iron | 1,065.21 | 93.71 |
| | | *For Cement Mortar Lining (CML), Add* | *87.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *156.89* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *65.37* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0789 | EA | 18" 45 Degree Elbow, Push-On Joint Ductile Iron | 1,238.93 | 131.19 |
| | | *For Cement Mortar Lining (CML), Add* | *96.79* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *174.22* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *72.59* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0790 | EA | 20" 45 Degree Elbow, Push-On Joint Ductile Iron | 1,723.24 | 165.36 |
| | | *For Cement Mortar Lining (CML), Add* | *139.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *250.66* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *104.44* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0791 | EA | 24" 45 Degree Elbow, Push-On Joint Ductile Iron | 2,139.31 | 206.73 |
| | | *For Cement Mortar Lining (CML), Add* | *172.60* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *310.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *129.45* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 14 13 13-0792** | | **Push-On Joint Ductile Iron Tee** *(33 14 13 13-0753)* | | |
| 33 14 13 13-0793 | EA | 4" Tee, Push-On Joint Ductile Iron | 239.87 | 47.25 |
| | | *For Cement Mortar Lining (CML), Add* | *16.83* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *30.29* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *12.62* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0794 | EA | 6" Tee, Push-On Joint Ductile Iron | 335.47 | 69.42 |
| | | *For Cement Mortar Lining (CML), Add* | *23.02* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *41.44* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *17.27* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0795 | EA | 8" Tee, Push-On Joint Ductile Iron | 454.02 | 84.14 |
| | | *For Cement Mortar Lining (CML), Add* | *32.64* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *58.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *24.48* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0796 | EA | 10" Tee, Push-On Joint Ductile Iron | 655.60 | 94.65 |
| | | *For Cement Mortar Lining (CML), Add* | *51.36* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *92.45* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *38.52* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0797 | EA | 12" Tee, Push-On Joint Ductile Iron | 813.36 | 109.13 |
| | | *For Cement Mortar Lining (CML), Add* | *64.77* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *116.59* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *48.58* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0798 | EA | 14" Tee, Push-On Joint Ductile Iron | 1,291.36 | 131.19 |
| | | *For Cement Mortar Lining (CML), Add* | *109.26* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *196.67* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *81.94* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0799 | EA | 16" Tee, Push-On Joint Ductile Iron | 1,855.96 | 164.04 |
| | | *For Cement Mortar Lining (CML), Add* | *160.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *289.35* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *120.56* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0800 | EA | 18" Tee, Push-On Joint Ductile Iron | 2,338.01 | 218.84 |
| | | *For Cement Mortar Lining (CML), Add* | *200.64* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *361.16* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *150.48* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0801 | EA | 20" Tee, Push-On Joint Ductile Iron | 2,758.92 | 267.02 |
| | | *For Cement Mortar Lining (CML), Add* | *235.44* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *423.79* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *176.58* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0802 | EA | 24" Tee, Push-On Joint Ductile Iron | 3,606.90 | 333.75 |
| | | *For Cement Mortar Lining (CML), Add* | *310.13* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *558.23* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *232.59* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| **33 14 13 13-0803** | | **Flanged End x Push-On Joint Ductile Iron Adapters** *(33 14 13 13-0753)* | | |
| 33 14 13 13-0804 | EA | 4" Flanged End x Push-On Joint Adapter, Ductile Iron | 351.18 | 111.10 |
| | | *For Cement Mortar Lining (CML), Add* | *18.29* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *32.91* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *13.71* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0805 | EA | 6" Flanged End x Push-On Joint Adapter, Ductile Iron | 430.04 | 137.55 |
| | | *For Cement Mortar Lining (CML), Add* | *22.17* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *39.90* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *16.62* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0806 | EA | 8" Flanged End x Push-On Joint Adapter, Ductile Iron | 561.74 | 160.43 |
| | | *For Cement Mortar Lining (CML), Add* | *31.86* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *57.35* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *23.90* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0807 | EA | 10" Flanged End x Push-On Joint Adapter, Ductile Iron | 770.54 | 234.27 |
| | | *For Cement Mortar Lining (CML), Add* | *41.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *74.81* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *31.17* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0808 | EA | 12" Flanged End x Push-On Joint Adapter, Ductile Iron | 932.07 | 267.78 |
| | | *For Cement Mortar Lining (CML), Add* | *52.64* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *94.75* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *39.48* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0809 | EA | 14" Flanged End x Push-On Joint Adapter, Ductile Iron | 1,074.10 | 288.31 |
| | | *For Cement Mortar Lining (CML), Add* | *63.72* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *114.70* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *47.79* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0810 | EA | 16" Flanged End x Push-On Joint Adapter, Ductile Iron | 1,276.74 | 312.35 |
| | | *For Cement Mortar Lining (CML), Add* | *80.35* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *144.62* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *60.26* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0811 | EA | 18" Flanged End x Push-On Joint Adapter, Ductile Iron | 1,509.93 | 374.83 |
| | | *For Cement Mortar Lining (CML), Add* | *94.20* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *169.56* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *70.65* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0812 | EA | 20" Flanged End x Push-On Joint Adapter, Ductile Iron | 1,753.12 | 416.48 |
| | | *For Cement Mortar Lining (CML), Add* | *112.21* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *201.98* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *84.16* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |
| 33 14 13 13-0813 | EA | 24" Flanged End x Push-On Joint Adapter, Ductile Iron | 2,196.52 | 480.56 |
| | | *For Cement Mortar Lining (CML), Add* | *146.84* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Fusion Bonded Epoxy Lining (206N), Add* | *264.31* | |
| | | *Note: ANSI/AWWA C104/A21.4* | | |
| | | *For Bituminous Or Coal Tar Coating, 1 Mil, Add* | *110.13* | |
| | | *Note: ANSI/AWWA C151/A21.51* | | |

## 33 14 13 13-0814 Push-On Joint Ductile Iron Pipe And Fitting Restraints *(33 14 13 13-0753)*

Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0815 | EA | 4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 34.70 | 17.30 |
| 33 14 13 13-0816 | EA | 6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 46.26 | 22.57 |
| 33 14 13 13-0817 | EA | 8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 60.67 | 23.16 |
| 33 14 13 13-0818 | EA | 10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 70.30 | 24.60 |
| 33 14 13 13-0819 | EA | 12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 82.60 | 27.33 |
| 33 14 13 13-0820 | EA | 14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 102.30 | 30.74 |
| 33 14 13 13-0821 | EA | 16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 120.10 | 35.14 |
| 33 14 13 13-0822 | EA | 18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 134.57 | 38.07 |
| 33 14 13 13-0823 | EA | 20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 157.59 | 45.68 |
| 33 14 13 13-0824 | EA | 24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron | 185.51 | 47.44 |

## 33 14 13 13-0825 Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) *(33 14 13 13-0753)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 13-0826 | EA | 4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400) | 210.79 | 63.89 |
| 33 14 13 13-0827 | EA | 6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600) | 278.92 | 77.99 |
| 33 14 13 13-0828 | EA | 8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800) | 359.74 | 95.13 |
| 33 14 13 13-0829 | EA | 10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100) | 545.27 | 116.05 |
| 33 14 13 13-0830 | EA | 12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200) | 676.58 | 141.51 |
| 33 14 13 13-0831 | EA | 14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400) | 1,174.64 | 172.65 |
| 33 14 13 13-0832 | EA | 16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600) | 1,339.45 | 210.70 |
| 33 14 13 13-0833 | EA | 18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800) | 1,518.47 | 256.98 |
| 33 14 13 13-0834 | EA | 20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000) | 2,068.34 | 313.59 |
| 33 14 13 13-0835 | EA | 24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400) | 2,640.03 | 382.49 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 13-0836 | | **Ductile Iron Pipe Repair** *(33 14 13 13-0001)* See CSI section 33 14 13 13-0002 for mechanical joint fittings. | | |
| 33 14 13 13-0837 | | **WEKO Seals** *(33 14 13 13-0836)* Note: Internal joint seal. | | |
| 33 14 13 13-0838 | EA | 16" WEKO Internal Joint Seal | 1,352.42 | 198.04 |
| | | *For Extra Wide Seals, Add* | *85.00* | |
| 33 14 13 13-0839 | EA | 18" WEKO Internal Joint Seal | 1,439.93 | 209.12 |
| | | *For Extra Wide Seals, Add* | *85.85* | |
| 33 14 13 13-0840 | EA | 20" WEKO Internal Joint Seal | 1,527.29 | 220.19 |
| | | *For Extra Wide Seals, Add* | *86.68* | |
| 33 14 13 13-0841 | EA | 24" WEKO Internal Joint Seal | 1,620.29 | 237.81 |
| | | *For Extra Wide Seals, Add* | *88.02* | |

## 33 14 13 23 Plastic Public Water Utility Distribution Piping *(33 14 13)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0001 | | **AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23)* Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green. | | |
| 33 14 13 23-0002 | | **AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)* | | |
| 33 14 13 23-0003 | LF | 4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 8.57 | 3.10 |
| 33 14 13 23-0004 | LF | 6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 12.32 | 3.76 |
| 33 14 13 23-0005 | LF | 8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 16.74 | 4.23 |
| 33 14 13 23-0006 | LF | 10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 21.91 | 4.70 |
| 33 14 13 23-0007 | LF | 12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 28.21 | 5.26 |
| 33 14 13 23-0008 | | **AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)* | | |
| 33 14 13 23-0009 | LF | 4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 9.41 | 3.10 |
| 33 14 13 23-0010 | LF | 6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 14.08 | 3.76 |
| 33 14 13 23-0011 | LF | 8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 19.69 | 4.23 |
| 33 14 13 23-0012 | LF | 10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 26.50 | 4.70 |
| 33 14 13 23-0013 | LF | 12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 34.61 | 5.26 |
| 33 14 13 23-0014 | | **AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)* | | |
| 33 14 13 23-0015 | LF | 4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe | 10.24 | 3.10 |
| 33 14 13 23-0016 | LF | 6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe | 15.82 | 3.76 |
| 33 14 13 23-0017 | LF | 8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe | 22.65 | 4.23 |
| 33 14 13 23-0018 | LF | 10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe | 30.98 | 4.70 |
| 33 14 13 23-0019 | LF | 12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe | 41.02 | 5.26 |
| 33 14 13 23-0020 | | **AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)* | | |
| 33 14 13 23-0021 | LF | 18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe | 44.26 | 7.89 |
| 33 14 13 23-0022 | LF | 20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe | 53.93 | 9.41 |
| 33 14 13 23-0023 | LF | 24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe | 72.16 | 11.28 |
| 33 14 13 23-0024 | LF | 30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe | 103.85 | 13.17 |
| 33 14 13 23-0025 | LF | 36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe | 142.94 | 15.04 |
| 33 14 13 23-0026 | LF | 42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe | 180.72 | 15.98 |
| 33 14 13 23-0027 | LF | 48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe | 228.47 | 17.21 |
| 33 14 13 23-0028 | | **AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)* | | |
| 33 14 13 23-0029 | LF | 14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 32.68 | 5.93 |
| 33 14 13 23-0030 | LF | 16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 40.90 | 6.58 |
| 33 14 13 23-0031 | LF | 18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 50.68 | 7.89 |
| 33 14 13 23-0032 | LF | 20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 62.26 | 9.41 |
| 33 14 13 23-0033 | LF | 24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 85.01 | 11.28 |
| 33 14 13 23-0034 | LF | 30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 122.28 | 13.17 |
| 33 14 13 23-0035 | LF | 36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 167.62 | 15.04 |
| 33 14 13 23-0036 | LF | 42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 221.76 | 15.98 |
| 33 14 13 23-0037 | LF | 48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe | 281.72 | 17.21 |
| 33 14 13 23-0038 | | **AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)* | | |
| 33 14 13 23-0039 | LF | 14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 37.62 | 5.93 |
| 33 14 13 23-0040 | LF | 16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 47.75 | 6.58 |
| 33 14 13 23-0041 | LF | 18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 59.19 | 7.89 |
| 33 14 13 23-0042 | LF | 20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 73.30 | 9.41 |
| 33 14 13 23-0043 | LF | 24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 100.87 | 11.28 |
| 33 14 13 23-0044 | LF | 30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 146.10 | 13.17 |
| 33 14 13 23-0045 | LF | 36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 202.40 | 15.04 |
| 33 14 13 23-0046 | LF | 42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 262.97 | 15.98 |
| 33 14 13 23-0047 | LF | 48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe | 335.49 | 17.21 |
| 33 14 13 23-0048 | | **AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)* | | |
| 33 14 13 23-0049 | LF | 14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 46.06 | 5.93 |
| 33 14 13 23-0050 | LF | 16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 57.78 | 6.58 |
| 33 14 13 23-0051 | LF | 18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 72.09 | 7.89 |
| 33 14 13 23-0052 | LF | 20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 88.89 | 9.41 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0053 | LF | 24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 123.35 | 11.28 |
| 33 14 13 23-0054 | LF | 30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 181.38 | 13.17 |
| 33 14 13 23-0055 | LF | 36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 256.63 | 15.04 |
| 33 14 13 23-0056 | LF | 42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 342.50 | 15.98 |
| 33 14 13 23-0057 | LF | 48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe | 442.22 | 17.21 |
| 33 14 13 23-0058 | | AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)* | | |
| 33 14 13 23-0059 | LF | 14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe | 52.40 | 5.93 |
| 33 14 13 23-0060 | LF | 16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe | 66.03 | 6.58 |
| 33 14 13 23-0061 | LF | 18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe | 82.50 | 7.89 |
| 33 14 13 23-0062 | LF | 20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe | 101.85 | 9.41 |
| 33 14 13 23-0063 | LF | 24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe | 142.00 | 11.28 |
| 33 14 13 23-0064 | LF | 30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe | 210.07 | 13.17 |
| 33 14 13 23-0065 | LF | 36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe | 298.54 | 15.04 |
| 33 14 13 23-0066 | LF | 42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe | 399.94 | 15.98 |
| 33 14 13 23-0067 | | AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)* | | |
| 33 14 13 23-0068 | LF | 14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 58.58 | 5.93 |
| 33 14 13 23-0069 | LF | 16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 74.05 | 6.58 |
| 33 14 13 23-0070 | LF | 18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 92.62 | 7.89 |
| 33 14 13 23-0071 | LF | 20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 114.47 | 9.41 |
| 33 14 13 23-0072 | LF | 24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 160.13 | 11.28 |
| 33 14 13 23-0073 | LF | 30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 237.98 | 13.17 |
| 33 14 13 23-0074 | LF | 36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe | 339.32 | 15.04 |
| 33 14 13 23-0075 | | AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings *(33 14 13 23)*<br>Note: Includes rubber gaskets. | | |
| 33 14 13 23-0076 | | 90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)* | | |
| 33 14 13 23-0077 | EA | 4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 173.50 | 11.38 |
| | | *For DR 25, Deduct* | *-9.04* | |
| 33 14 13 23-0078 | EA | 6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 354.64 | 12.80 |
| | | *For DR 25, Deduct* | *-19.74* | |
| 33 14 13 23-0079 | EA | 8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 532.43 | 14.23 |
| | | *For DR 25, Deduct* | *-30.24* | |
| 33 14 13 23-0080 | EA | 10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 815.84 | 23.95 |
| | | *For DR 25, Deduct* | *-46.08* | |
| 33 14 13 23-0081 | EA | 12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,063.13 | 39.92 |
| | | *For DR 25, Deduct* | *-59.00* | |
| 33 14 13 23-0082 | EA | 14" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,594.94 | 49.89 |
| | | *For DR 25, Deduct* | *-89.71* | |
| 33 14 13 23-0083 | EA | 16" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,903.41 | 59.87 |
| | | *For DR 25, Deduct* | *-107.02* | |
| 33 14 13 23-0084 | EA | 18" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,262.47 | 79.83 |
| | | *For DR 25, Deduct* | *-186.17* | |
| 33 14 13 23-0085 | EA | 20" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,016.46 | 99.78 |
| | | *For DR 25, Deduct* | *-229.01* | |
| 33 14 13 23-0086 | EA | 24" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 6,662.26 | 134.71 |
| | | *For DR 25, Deduct* | *-383.57* | |
| 33 14 13 23-0087 | | 45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)* | | |
| 33 14 13 23-0088 | EA | 4" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 153.82 | 11.38 |
| | | *For DR 25, Deduct* | *-7.86* | |
| 33 14 13 23-0089 | EA | 6" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 265.39 | 12.80 |
| | | *For DR 25, Deduct* | *-14.39* | |
| 33 14 13 23-0090 | EA | 8" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 336.19 | 14.23 |
| | | *For DR 25, Deduct* | *-18.46* | |
| 33 14 13 23-0091 | EA | 10" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 478.34 | 23.95 |
| | | *For DR 25, Deduct* | *-25.83* | |
| 33 14 13 23-0092 | EA | 12" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 640.83 | 39.92 |
| | | *For DR 25, Deduct* | *-33.66* | |
| 33 14 13 23-0093 | EA | 14" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,227.59 | 49.89 |
| | | *For DR 25, Deduct* | *-67.67* | |
| 33 14 13 23-0094 | EA | 16" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,555.41 | 59.87 |
| | | *For DR 25, Deduct* | *-86.14* | |
| 33 14 13 23-0095 | EA | 18" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,680.62 | 79.83 |
| | | *For DR 25, Deduct* | *-151.26* | |
| 33 14 13 23-0096 | EA | 20" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,329.56 | 99.78 |
| | | *For DR 25, Deduct* | *-187.80* | |
| 33 14 13 23-0097 | EA | 24" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,697.68 | 134.71 |
| | | *For DR 25, Deduct* | *-265.70* | |
| 33 14 13 23-0098 | | 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)* | | |
| 33 14 13 23-0099 | EA | 4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 151.42 | 11.38 |
| | | *For DR 25, Deduct* | *-7.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0100 | EA | 6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 265.39 | 12.80 |
| | | *For DR 25, Deduct* | *-14.39* | |
| 33 14 13 23-0101 | EA | 8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 336.19 | 14.23 |
| | | *For DR 25, Deduct* | *-18.46* | |
| 33 14 13 23-0102 | EA | 10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 478.35 | 23.95 |
| | | *For DR 25, Deduct* | *-25.83* | |
| 33 14 13 23-0103 | EA | 12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 640.83 | 39.92 |
| | | *For DR 25, Deduct* | *-33.66* | |
| 33 14 13 23-0104 | EA | 14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,223.59 | 47.89 |
| | | *For DR 25, Deduct* | *-67.67* | |
| 33 14 13 23-0105 | EA | 16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,555.39 | 59.87 |
| | | *For DR 25, Deduct* | *-86.14* | |
| 33 14 13 23-0106 | EA | 18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,680.62 | 79.83 |
| | | *For DR 25, Deduct* | *-151.26* | |
| 33 14 13 23-0107 | EA | 20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,329.56 | 99.78 |
| | | *For DR 25, Deduct* | *-187.80* | |
| 33 14 13 23-0108 | EA | 24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,697.68 | 134.71 |
| | | *For DR 25, Deduct* | *-265.70* | |

### 33 14 13 23-0109 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0110 | EA | 4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 133.80 | 11.38 |
| | | *For DR 25, Deduct* | *-6.66* | |
| 33 14 13 23-0111 | EA | 6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 265.39 | 12.80 |
| | | *For DR 25, Deduct* | *-14.39* | |
| 33 14 13 23-0112 | EA | 8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 336.19 | 14.23 |
| | | *For DR 25, Deduct* | *-18.46* | |
| 33 14 13 23-0113 | EA | 10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 478.35 | 23.95 |
| | | *For DR 25, Deduct* | *-25.83* | |
| 33 14 13 23-0114 | EA | 12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 640.83 | 39.92 |
| | | *For DR 25, Deduct* | *-33.66* | |
| 33 14 13 23-0115 | EA | 14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,223.59 | 47.89 |
| | | *For DR 25, Deduct* | *-67.67* | |
| 33 14 13 23-0116 | EA | 16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,555.39 | 59.87 |
| | | *For DR 25, Deduct* | *-86.14* | |
| 33 14 13 23-0117 | EA | 18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,680.62 | 79.83 |
| | | *For DR 25, Deduct* | *-151.26* | |
| 33 14 13 23-0118 | EA | 20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,329.56 | 99.78 |
| | | *For DR 25, Deduct* | *-187.80* | |
| 33 14 13 23-0119 | EA | 24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,697.68 | 134.71 |
| | | *For DR 25, Deduct* | *-265.70* | |

### 33 14 13 23-0120 Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0121 | EA | 4" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 206.16 | 12.80 |
| | | *For DR 25, Deduct* | *-10.83* | |
| 33 14 13 23-0122 | EA | 6" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 397.56 | 14.23 |
| | | *For DR 25, Deduct* | *-22.15* | |
| 33 14 13 23-0123 | EA | 8" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 554.58 | 16.13 |
| | | *For DR 25, Deduct* | *-31.34* | |
| 33 14 13 23-0124 | EA | 10" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,146.53 | 29.94 |
| | | *For DR 25, Deduct* | *-65.20* | |
| 33 14 13 23-0125 | EA | 12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,403.27 | 59.87 |
| | | *For DR 25, Deduct* | *-77.01* | |
| 33 14 13 23-0126 | EA | 14" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,528.83 | 74.84 |
| | | *For DR 25, Deduct* | *-142.75* | |
| 33 14 13 23-0127 | EA | 16" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,131.72 | 89.81 |
| | | *For DR 25, Deduct* | *-177.12* | |
| 33 14 13 23-0128 | EA | 18" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,952.57 | 119.75 |
| | | *For DR 25, Deduct* | *-222.79* | |
| 33 14 13 23-0129 | EA | 20" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,747.52 | 149.68 |
| | | *For DR 25, Deduct* | *-266.89* | |
| 33 14 13 23-0130 | EA | 24" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 6,496.23 | 101.78 |
| | | *For DR 25, Deduct* | *-377.56* | |

### 33 14 13 23-0131 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0132 | EA | 6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 396.12 | 18.49 |
| | | *For DR 25, Deduct* | *-21.55* | |
| 33 14 13 23-0133 | EA | 8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 538.49 | 19.92 |
| | | *For DR 25, Deduct* | *-29.92* | |
| 33 14 13 23-0134 | EA | 8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 552.00 | 20.63 |
| | | *For DR 25, Deduct* | *-30.64* | |
| 33 14 13 23-0135 | EA | 10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 719.76 | 29.94 |
| | | *For DR 25, Deduct* | *-39.59* | |
| 33 14 13 23-0136 | EA | 10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 973.16 | 30.69 |
| | | *For DR 25, Deduct* | *-54.71* | |
| 33 14 13 23-0137 | EA | 10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,040.83 | 31.43 |
| | | *For DR 25, Deduct* | *-58.68* | |
| 33 14 13 23-0138 | EA | 12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,105.56 | 45.90 |
| | | *For DR 25, Deduct* | *-60.83* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0139 | EA | 12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,268.07 | 46.65 |
| | | *For DR 25, Deduct* | *-70.49* | |
| 33 14 13 23-0140 | EA | 12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,344.93 | 47.40 |
| | | *For DR 25, Deduct* | *-75.01* | |
| 33 14 13 23-0141 | EA | 12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,370.86 | 51.89 |
| | | *For DR 25, Deduct* | *-76.03* | |
| 33 14 13 23-0142 | EA | 14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,077.78 | 53.88 |
| | | *For DR 25, Deduct* | *-118.20* | |
| 33 14 13 23-0143 | EA | 14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,161.12 | 54.63 |
| | | *For DR 25, Deduct* | *-123.11* | |
| 33 14 13 23-0144 | EA | 14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,244.66 | 55.38 |
| | | *For DR 25, Deduct* | *-128.03* | |
| 33 14 13 23-0145 | EA | 14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,335.22 | 59.87 |
| | | *For DR 25, Deduct* | *-132.93* | |
| 33 14 13 23-0146 | EA | 14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,433.07 | 67.86 |
| | | *For DR 25, Deduct* | *-137.84* | |
| 33 14 13 23-0147 | EA | 16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,592.76 | 65.86 |
| | | *For DR 25, Deduct* | *-147.66* | |
| 33 14 13 23-0148 | EA | 16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,674.57 | 65.86 |
| | | *For DR 25, Deduct* | *-152.57* | |
| 33 14 13 23-0149 | EA | 16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,757.94 | 66.60 |
| | | *For DR 25, Deduct* | *-157.48* | |
| 33 14 13 23-0150 | EA | 16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,841.28 | 67.35 |
| | | *For DR 25, Deduct* | *-162.39* | |
| 33 14 13 23-0151 | EA | 16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,948.03 | 79.83 |
| | | *For DR 25, Deduct* | *-167.30* | |
| 33 14 13 23-0152 | EA | 16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,037.86 | 83.82 |
| | | *For DR 25, Deduct* | *-172.21* | |
| 33 14 13 23-0153 | EA | 18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,204.96 | 85.82 |
| | | *For DR 25, Deduct* | *-182.00* | |
| 33 14 13 23-0154 | EA | 18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,288.88 | 86.57 |
| | | *For DR 25, Deduct* | *-186.95* | |
| 33 14 13 23-0155 | EA | 18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,372.22 | 87.31 |
| | | *For DR 25, Deduct* | *-191.86* | |
| 33 14 13 23-0156 | EA | 18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,463.03 | 91.81 |
| | | *For DR 25, Deduct* | *-196.77* | |
| 33 14 13 23-0157 | EA | 18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,560.81 | 99.78 |
| | | *For DR 25, Deduct* | *-201.67* | |
| 33 14 13 23-0158 | EA | 18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,650.07 | 103.77 |
| | | *For DR 25, Deduct* | *-206.55* | |
| 33 14 13 23-0159 | EA | 18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,763.67 | 109.76 |
| | | *For DR 25, Deduct* | *-212.65* | |
| 33 14 13 23-0160 | EA | 20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,064.37 | 105.77 |
| | | *For DR 25, Deduct* | *-231.17* | |
| 33 14 13 23-0161 | EA | 20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,205.62 | 106.52 |
| | | *For DR 25, Deduct* | *-239.55* | |
| 33 14 13 23-0162 | EA | 20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,261.30 | 107.27 |
| | | *For DR 25, Deduct* | *-242.81* | |
| 33 14 13 23-0163 | EA | 20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,324.52 | 111.76 |
| | | *For DR 25, Deduct* | *-246.06* | |
| 33 14 13 23-0164 | EA | 20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,394.68 | 119.75 |
| | | *For DR 25, Deduct* | *-249.31* | |
| 33 14 13 23-0165 | EA | 20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,490.53 | 123.74 |
| | | *For DR 25, Deduct* | *-254.58* | |
| 33 14 13 23-0166 | EA | 20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,590.40 | 129.72 |
| | | *For DR 25, Deduct* | *-259.86* | |
| 33 14 13 23-0167 | EA | 20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,668.95 | 139.70 |
| | | *For DR 25, Deduct* | *-263.37* | |
| 33 14 13 23-0168 | EA | 24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,788.16 | 140.70 |
| | | *For DR 25, Deduct* | *-270.41* | |
| 33 14 13 23-0169 | EA | 24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,848.29 | 141.45 |
| | | *For DR 25, Deduct* | *-273.92* | |
| 33 14 13 23-0170 | EA | 24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,908.41 | 142.19 |
| | | *For DR 25, Deduct* | *-277.44* | |
| 33 14 13 23-0171 | EA | 24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,155.76 | 146.69 |
| | | *For DR 25, Deduct* | *-291.74* | |
| 33 14 13 23-0172 | EA | 24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,410.09 | 154.66 |
| | | *For DR 25, Deduct* | *-306.05* | |
| 33 14 13 23-0173 | EA | 24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,656.44 | 158.66 |
| | | *For DR 25, Deduct* | *-320.35* | |
| 33 14 13 23-0174 | EA | 24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,906.80 | 164.65 |
| | | *For DR 25, Deduct* | *-334.65* | |
| 33 14 13 23-0175 | EA | 24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 6,165.14 | 174.63 |
| | | *For DR 25, Deduct* | *-348.95* | |
| 33 14 13 23-0176 | EA | 24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 6,423.47 | 184.60 |
| | | *For DR 25, Deduct* | *-363.26* | |

### 33 14 13 23-0177 Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0178 | EA | 4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 286.27 | 22.76 |
| | | *For DR 25, Deduct* | *-14.44* | |
| 33 14 13 23-0179 | EA | 6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 513.25 | 25.61 |
| | | *For DR 25, Deduct* | *-27.72* | |
| 33 14 13 23-0180 | EA | 8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 710.14 | 28.45 |
| | | *For DR 25, Deduct* | *-39.19* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0181 | EA | 10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,453.54 | 47.89 |
| | | *For DR 25, Deduct* | *-81.47* | |
| 33 14 13 23-0182 | EA | 12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,724.50 | 59.87 |
| | | *For DR 25, Deduct* | *-96.29* | |
| 33 14 13 23-0183 | EA | 14" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,133.76 | 79.83 |
| | | *For DR 25, Deduct* | *-178.45* | |
| 33 14 13 23-0184 | EA | 16" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,889.10 | 99.78 |
| | | *For DR 25, Deduct* | *-221.38* | |
| 33 14 13 23-0185 | EA | 18" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,961.37 | 159.65 |
| | | *For DR 25, Deduct* | *-278.52* | |
| 33 14 13 23-0186 | EA | 20" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,959.45 | 199.57 |
| | | *For DR 25, Deduct* | *-333.62* | |
| 33 14 13 23-0187 | EA | 24" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 8,404.19 | 269.42 |
| | | *For DR 25, Deduct* | *-471.92* | |

### 33 14 13 23-0188 Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0189 | EA | 6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 497.63 | 24.19 |
| | | *For DR 25, Deduct* | *-26.96* | |
| 33 14 13 23-0190 | EA | 8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 675.32 | 25.61 |
| | | *For DR 25, Deduct* | *-37.45* | |
| 33 14 13 23-0191 | EA | 8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 692.62 | 27.03 |
| | | *For DR 25, Deduct* | *-38.31* | |
| 33 14 13 23-0192 | EA | 10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,042.39 | 35.93 |
| | | *For DR 25, Deduct* | *-58.23* | |
| 33 14 13 23-0193 | EA | 10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,214.73 | 37.42 |
| | | *For DR 25, Deduct* | *-68.39* | |
| 33 14 13 23-0194 | EA | 10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,334.05 | 38.92 |
| | | *For DR 25, Deduct* | *-75.37* | |
| 33 14 13 23-0195 | EA | 12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,371.37 | 51.89 |
| | | *For DR 25, Deduct* | *-76.06* | |
| 33 14 13 23-0196 | EA | 12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,575.16 | 53.39 |
| | | *For DR 25, Deduct* | *-88.10* | |
| 33 14 13 23-0197 | EA | 12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,672.38 | 54.88 |
| | | *For DR 25, Deduct* | *-93.76* | |
| 33 14 13 23-0198 | EA | 12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,711.45 | 63.87 |
| | | *For DR 25, Deduct* | *-95.02* | |
| 33 14 13 23-0199 | EA | 14" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,582.25 | 59.87 |
| | | *For DR 25, Deduct* | *-147.75* | |
| 33 14 13 23-0200 | EA | 14" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,687.24 | 61.37 |
| | | *For DR 25, Deduct* | *-153.87* | |
| 33 14 13 23-0201 | EA | 14" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,793.35 | 62.87 |
| | | *For DR 25, Deduct* | *-160.06* | |
| 33 14 13 23-0202 | EA | 14" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,914.00 | 71.84 |
| | | *For DR 25, Deduct* | *-166.22* | |
| 33 14 13 23-0203 | EA | 14" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,047.85 | 87.81 |
| | | *For DR 25, Deduct* | *-172.33* | |
| 33 14 13 23-0204 | EA | 16" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,219.51 | 71.84 |
| | | *For DR 25, Deduct* | *-184.55* | |
| 33 14 13 23-0205 | EA | 16" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,325.88 | 73.34 |
| | | *For DR 25, Deduct* | *-190.75* | |
| 33 14 13 23-0206 | EA | 16" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,431.11 | 74.84 |
| | | *For DR 25, Deduct* | *-196.89* | |
| 33 14 13 23-0207 | EA | 16" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,551.67 | 83.82 |
| | | *For DR 25, Deduct* | *-203.04* | |
| 33 14 13 23-0208 | EA | 16" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,612.66 | 99.78 |
| | | *For DR 25, Deduct* | *-204.79* | |
| 33 14 13 23-0209 | EA | 16" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,803.62 | 107.77 |
| | | *For DR 25, Deduct* | *-215.29* | |
| 33 14 13 23-0210 | EA | 18" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 3,975.78 | 91.81 |
| | | *For DR 25, Deduct* | *-227.53* | |
| 33 14 13 23-0211 | EA | 18" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,081.90 | 93.30 |
| | | *For DR 25, Deduct* | *-233.72* | |
| 33 14 13 23-0212 | EA | 18" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,187.30 | 94.80 |
| | | *For DR 25, Deduct* | *-239.86* | |
| 33 14 13 23-0213 | EA | 18" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,306.32 | 103.77 |
| | | *For DR 25, Deduct* | *-245.93* | |
| 33 14 13 23-0214 | EA | 18" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,441.38 | 119.75 |
| | | *For DR 25, Deduct* | *-252.11* | |
| 33 14 13 23-0215 | EA | 18" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,559.28 | 127.72 |
| | | *For DR 25, Deduct* | *-258.23* | |
| 33 14 13 23-0216 | EA | 18" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,710.06 | 139.70 |
| | | *For DR 25, Deduct* | *-265.84* | |
| 33 14 13 23-0217 | EA | 20" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,040.05 | 111.76 |
| | | *For DR 25, Deduct* | *-288.99* | |
| 33 14 13 23-0218 | EA | 20" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,217.44 | 113.25 |
| | | *For DR 25, Deduct* | *-299.46* | |
| 33 14 13 23-0219 | EA | 20" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,288.66 | 114.75 |
| | | *For DR 25, Deduct* | *-303.55* | |
| 33 14 13 23-0220 | EA | 20" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,374.11 | 123.74 |
| | | *For DR 25, Deduct* | *-307.60* | |
| 33 14 13 23-0221 | EA | 20" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,473.55 | 139.70 |
| | | *For DR 25, Deduct* | *-311.65* | |
| 33 14 13 23-0222 | EA | 20" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,598.58 | 147.69 |
| | | *For DR 25, Deduct* | *-318.19* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0223 | EA | 20" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,733.79 | 159.65 |
| | | *For DR 25, Deduct* | *-324.87* | |
| 33 14 13 23-0224 | EA | 20" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,846.76 | 179.61 |
| | | *For DR 25, Deduct* | *-329.25* | |
| 33 14 13 23-0225 | EA | 24" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 5,894.29 | 146.69 |
| | | *For DR 25, Deduct* | *-336.06* | |
| 33 14 13 23-0226 | EA | 24" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 6,003.46 | 148.18 |
| | | *For DR 25, Deduct* | *-342.43* | |
| 33 14 13 23-0227 | EA | 24" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 6,080.02 | 149.68 |
| | | *For DR 25, Deduct* | *-346.84* | |
| 33 14 13 23-0228 | EA | 24" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 6,395.61 | 158.66 |
| | | *For DR 25, Deduct* | *-364.70* | |
| 33 14 13 23-0229 | EA | 24" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 6,725.28 | 174.63 |
| | | *For DR 25, Deduct* | *-382.56* | |
| 33 14 13 23-0230 | EA | 24" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 7,038.92 | 182.60 |
| | | *For DR 25, Deduct* | *-400.42* | |
| 33 14 13 23-0231 | EA | 24" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 7,361.81 | 194.58 |
| | | *For DR 25, Deduct* | *-418.36* | |
| 33 14 13 23-0232 | EA | 24" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 7,698.76 | 214.54 |
| | | *For DR 25, Deduct* | *-436.18* | |
| 33 14 13 23-0233 | EA | 24" x 20" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 8,036.99 | 234.49 |
| | | *For DR 25, Deduct* | *-454.08* | |

### 33 14 13 23-0234 Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0235 | EA | 4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 103.94 | 11.38 |
| | | *For DR 25, Deduct* | *-4.87* | |
| 33 14 13 23-0236 | EA | 6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 193.17 | 12.80 |
| | | *For DR 25, Deduct* | *-10.05* | |
| 33 14 13 23-0237 | EA | 8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 232.44 | 14.23 |
| | | *For DR 25, Deduct* | *-12.24* | |
| 33 14 13 23-0238 | EA | 10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 333.24 | 23.95 |
| | | *For DR 25, Deduct* | *-17.12* | |
| 33 14 13 23-0239 | EA | 12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 528.70 | 29.94 |
| | | *For DR 25, Deduct* | *-28.13* | |
| 33 14 13 23-0240 | EA | 14" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 915.27 | 39.92 |
| | | *For DR 25, Deduct* | *-50.12* | |
| 33 14 13 23-0241 | EA | 16" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,084.68 | 49.89 |
| | | *For DR 25, Deduct* | *-59.09* | |
| 33 14 13 23-0242 | EA | 18" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,590.07 | 79.83 |
| | | *For DR 25, Deduct* | *-145.83* | |
| 33 14 13 23-0243 | EA | 20" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,905.38 | 99.78 |
| | | *For DR 25, Deduct* | *-162.35* | |
| 33 14 13 23-0244 | EA | 24" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,089.87 | 134.71 |
| | | *For DR 25, Deduct* | *-229.23* | |

### 33 14 13 23-0245 Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0246 | EA | 4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 128.66 | 11.38 |
| | | *For DR 25, Deduct* | *-6.35* | |
| 33 14 13 23-0247 | EA | 6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 174.62 | 12.80 |
| | | *For DR 25, Deduct* | *-8.94* | |
| 33 14 13 23-0248 | EA | 8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 253.56 | 14.23 |
| | | *For DR 25, Deduct* | *-13.51* | |
| 33 14 13 23-0249 | EA | 10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 349.70 | 23.95 |
| | | *For DR 25, Deduct* | *-18.11* | |
| 33 14 13 23-0250 | EA | 12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 560.67 | 39.92 |
| | | *For DR 25, Deduct* | *-28.85* | |
| 33 14 13 23-0251 | EA | 14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 1,478.52 | 47.89 |
| | | *For DR 25, Deduct* | *-82.96* | |
| 33 14 13 23-0252 | EA | 16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,000.57 | 59.87 |
| | | *For DR 25, Deduct* | *-112.85* | |
| 33 14 13 23-0253 | EA | 18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,465.99 | 79.83 |
| | | *For DR 25, Deduct* | *-138.38* | |
| 33 14 13 23-0254 | EA | 20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 2,946.93 | 99.78 |
| | | *For DR 25, Deduct* | *-164.84* | |
| 33 14 13 23-0255 | EA | 24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) | 4,003.17 | 134.71 |
| | | *For DR 25, Deduct* | *-224.03* | |

### 33 14 13 23-0256 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping *(33 14 13 23)*

### 33 14 13 23-0257 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe *(33 14 13 23-0256)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0258 | LF | 3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 2.15 | 0.76 |
| | | *For >1,000, Deduct* | *-0.11* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.04* | |
| 33 14 13 23-0259 | LF | 1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 2.37 | 0.81 |
| | | *For >1,000, Deduct* | *-0.12* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.05* | |
| 33 14 13 23-0260 | LF | 1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 2.75 | 0.89 |
| | | *For >1,000, Deduct* | *-0.14* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.08* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0261 | LF | 1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 3.17 | 0.98 |
| | | *For >1,000, Deduct* | *-0.16* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.11* | |
| 33 14 13 23-0262 | LF | 2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 4.06 | 1.10 |
| | | *For >1,000, Deduct* | *-0.20* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.20* | |
| 33 14 13 23-0263 | LF | 2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 5.21 | 1.25 |
| | | *For >1,000, Deduct* | *-0.26* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.31* | |
| 33 14 13 23-0264 | LF | 3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 6.22 | 1.34 |
| | | *For >1,000, Deduct* | *-0.31* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.43* | |
| 33 14 13 23-0265 | LF | 4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 8.79 | 1.66 |
| | | *For >1,000, Deduct* | *-0.44* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.70* | |
| 33 14 13 23-0266 | LF | 6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 15.40 | 2.11 |
| | | *For >1,000, Deduct* | *-0.77* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *1.52* | |
| 33 14 13 23-0267 | LF | 8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 25.15 | 3.19 |
| | | *For >1,000, Deduct* | *-1.26* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *2.57* | |
| 33 14 13 23-0268 | LF | 10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 37.36 | 4.27 |
| | | *For >1,000, Deduct* | *-1.87* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *4.00* | |
| 33 14 13 23-0269 | LF | 12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe | 51.96 | 5.74 |
| | | *For >1,000, Deduct* | *-2.60* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *5.64* | |

## 33 14 13 23-0270 90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0271 | EA | 3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 23.04 | 9.11 |
| 33 14 13 23-0272 | EA | 1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 29.12 | 11.38 |
| 33 14 13 23-0273 | EA | 1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 36.65 | 14.23 |
| 33 14 13 23-0274 | EA | 1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 54.14 | 15.74 |
| 33 14 13 23-0275 | EA | 2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 58.69 | 17.64 |
| 33 14 13 23-0276 | EA | 2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 69.32 | 20.01 |
| 33 14 13 23-0277 | EA | 3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 75.60 | 21.61 |
| 33 14 13 23-0278 | EA | 4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 104.66 | 26.53 |
| 33 14 13 23-0279 | EA | 6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 150.35 | 33.71 |
| 33 14 13 23-0280 | EA | 8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 242.62 | 44.26 |
| 33 14 13 23-0281 | EA | 10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 298.73 | 59.21 |
| 33 14 13 23-0282 | EA | 12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow | 395.01 | 79.70 |

## 33 14 13 23-0283 45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0284 | EA | 3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 23.44 | 9.11 |
| 33 14 13 23-0285 | EA | 1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 29.40 | 11.38 |
| 33 14 13 23-0286 | EA | 1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 36.82 | 14.23 |
| 33 14 13 23-0287 | EA | 1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 48.95 | 15.74 |
| 33 14 13 23-0288 | EA | 2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 59.17 | 17.64 |
| 33 14 13 23-0289 | EA | 2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 71.27 | 20.01 |
| 33 14 13 23-0290 | EA | 3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 74.78 | 21.61 |
| 33 14 13 23-0291 | EA | 4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 102.88 | 26.53 |
| 33 14 13 23-0292 | EA | 6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 146.75 | 33.71 |
| 33 14 13 23-0293 | EA | 8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 235.76 | 44.26 |
| 33 14 13 23-0294 | EA | 10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 270.31 | 59.21 |
| 33 14 13 23-0295 | EA | 12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) | 355.69 | 79.70 |

## 33 14 13 23-0296 Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0297 | EA | 3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 34.54 | 13.66 |
| 33 14 13 23-0298 | EA | 1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 43.59 | 17.17 |
| 33 14 13 23-0299 | EA | 1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 54.63 | 21.43 |
| 33 14 13 23-0300 | EA | 1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 74.83 | 23.72 |
| 33 14 13 23-0301 | EA | 2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 85.08 | 26.37 |
| 33 14 13 23-0302 | EA | 2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 98.92 | 30.07 |
| 33 14 13 23-0303 | EA | 3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 115.62 | 32.32 |
| 33 14 13 23-0304 | EA | 4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 151.71 | 39.84 |
| 33 14 13 23-0305 | EA | 6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 250.35 | 50.65 |
| 33 14 13 23-0306 | EA | 8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 374.47 | 66.39 |
| 33 14 13 23-0307 | EA | 10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 466.55 | 102.48 |
| 33 14 13 23-0308 | EA | 12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 586.27 | 137.91 |

## 33 14 13 23-0309 Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 23-0310 | EA | 3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 15.42 | 6.07 |
| 33 14 13 23-0311 | EA | 1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 20.82 | 8.16 |
| 33 14 13 23-0312 | EA | 1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 27.77 | 10.72 |
| 33 14 13 23-0313 | EA | 1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 38.24 | 11.86 |
| 33 14 13 23-0314 | EA | 2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 42.19 | 13.19 |
| 33 14 13 23-0315 | EA | 2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 47.99 | 14.98 |
| 33 14 13 23-0316 | EA | 3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 53.48 | 16.16 |
| 33 14 13 23-0317 | EA | 4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 73.25 | 19.88 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0318 | EA | 6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 104.49 | 25.33 |
| 33 14 13 23-0319 | EA | 8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 176.90 | 33.19 |
| 33 14 13 23-0320 | EA | 10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 222.13 | 51.29 |
| 33 14 13 23-0321 | EA | 12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC) | 284.14 | 68.95 |
| 33 14 13 23-0322 | | Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings *(33 14 13 23)* | | |
| 33 14 13 23-0323 | | Schedule 40 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0322)* | | |
| 33 14 13 23-0324 | LF | 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe | 2.35 | 0.76 |
| | | *For >1,000, Deduct* | *-0.12* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.07* | |
| 33 14 13 23-0325 | LF | 1" Schedule 40 Polyvinyl Chloride (PVC) Pipe | 2.75 | 0.81 |
| | | *For >1,000, Deduct* | *-0.14* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.11* | |
| 33 14 13 23-0326 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe | 3.52 | 0.98 |
| | | *For >1,000, Deduct* | *-0.18* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.16* | |
| 33 14 13 23-0327 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) Pipe | 4.20 | 1.10 |
| | | *For >1,000, Deduct* | *-0.21* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.22* | |
| 33 14 13 23-0328 | LF | 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe | 5.42 | 1.25 |
| | | *For >1,000, Deduct* | *-0.27* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.34* | |
| 33 14 13 23-0329 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) Pipe | 6.35 | 1.34 |
| | | *For >1,000, Deduct* | *-0.32* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.45* | |
| 33 14 13 23-0330 | LF | 4" Schedule 40 Polyvinyl Chloride (PVC) Pipe | 8.42 | 1.66 |
| | | *For >1,000, Deduct* | *-0.42* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.64* | |
| 33 14 13 23-0331 | LF | 6" Schedule 40 Polyvinyl Chloride (PVC) Pipe | 12.76 | 2.11 |
| | | *For >1,000, Deduct* | *-0.64* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *1.12* | |
| 33 14 13 23-0332 | | 90 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)* | | |
| 33 14 13 23-0333 | EA | 3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 23.19 | 9.11 |
| 33 14 13 23-0334 | EA | 1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 29.20 | 11.38 |
| 33 14 13 23-0335 | EA | 1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 40.59 | 15.74 |
| 33 14 13 23-0336 | EA | 2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 45.82 | 17.64 |
| 33 14 13 23-0337 | EA | 2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 54.87 | 20.01 |
| 33 14 13 23-0338 | EA | 3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 59.79 | 21.61 |
| 33 14 13 23-0339 | EA | 4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 78.20 | 26.53 |
| 33 14 13 23-0340 | EA | 6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 122.02 | 33.71 |
| 33 14 13 23-0341 | | 45 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)* | | |
| 33 14 13 23-0342 | EA | 3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 23.15 | 9.11 |
| 33 14 13 23-0343 | EA | 1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 29.17 | 11.38 |
| 33 14 13 23-0344 | EA | 1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 40.61 | 15.74 |
| 33 14 13 23-0345 | EA | 2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 45.69 | 17.64 |
| 33 14 13 23-0346 | EA | 2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 54.50 | 20.01 |
| 33 14 13 23-0347 | EA | 3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 59.36 | 21.61 |
| 33 14 13 23-0348 | EA | 4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 77.33 | 26.53 |
| 33 14 13 23-0349 | EA | 6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC) | 119.23 | 33.71 |
| 33 14 13 23-0350 | | Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)* | | |
| 33 14 13 23-0351 | EA | 3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) | 34.69 | 13.66 |
| 33 14 13 23-0352 | EA | 1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) | 43.70 | 17.17 |
| 33 14 13 23-0353 | EA | 1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) | 60.72 | 23.72 |
| 33 14 13 23-0354 | EA | 2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) | 68.25 | 26.37 |
| 33 14 13 23-0355 | EA | 2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) | 82.51 | 30.07 |
| 33 14 13 23-0356 | EA | 3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) | 91.48 | 32.32 |
| 33 14 13 23-0357 | EA | 4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) | 113.74 | 39.84 |
| 33 14 13 23-0358 | EA | 6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) | 185.69 | 50.65 |
| 33 14 13 23-0359 | | Couplings, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)* | | |
| 33 14 13 23-0360 | EA | 3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC) | 15.49 | 6.07 |
| 33 14 13 23-0361 | EA | 1" Coupling, Schedule 40 Polyvinyl Chloride (PVC) | 20.87 | 8.16 |
| 33 14 13 23-0362 | EA | 1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC) | 30.28 | 11.86 |
| 33 14 13 23-0363 | EA | 2" Coupling, Schedule 40 Polyvinyl Chloride (PVC) | 34.11 | 13.19 |
| 33 14 13 23-0364 | EA | 2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC) | 39.97 | 14.98 |
| 33 14 13 23-0365 | EA | 3" Coupling, Schedule 40 Polyvinyl Chloride (PVC) | 44.19 | 16.16 |
| 33 14 13 23-0366 | EA | 4" Coupling, Schedule 40 Polyvinyl Chloride (PVC) | 54.75 | 19.88 |
| 33 14 13 23-0367 | EA | 6" Coupling, Schedule 40 Polyvinyl Chloride (PVC) | 80.44 | 25.33 |
| 33 14 13 23-0368 | | Crosses, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)* | | |
| 33 14 13 23-0369 | EA | 3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC) | 46.38 | 18.21 |
| 33 14 13 23-0370 | EA | 1" Cross, Schedule 40 Polyvinyl Chloride (PVC) | 58.19 | 22.86 |
| 33 14 13 23-0371 | EA | 1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC) | 80.95 | 31.59 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0372 | EA | 2" Cross, Schedule 40 Polyvinyl Chloride (PVC) | 91.00 | 35.19 |
| 33 14 13 23-0373 | EA | 2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC) | 109.98 | 40.03 |
| 33 14 13 23-0374 | EA | 3" Cross, Schedule 40 Polyvinyl Chloride (PVC) | 121.91 | 43.13 |
| 33 14 13 23-0375 | EA | 4" Cross, Schedule 40 Polyvinyl Chloride (PVC) | 151.57 | 53.07 |
| 33 14 13 23-0376 | EA | 6" Cross, Schedule 40 Polyvinyl Chloride (PVC) | 247.25 | 67.51 |
| **33 14 13 23-0377** | | **Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)* | | |
| **33 14 13 23-0378** | | **Schedule 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0377)* | | |
| 33 14 13 23-0379 | LF | 1" Schedule 80 Polyvinyl Chloride (PVC) Pipe | 2.97 | 0.81 |
| | | *For >1,000, Deduct* | *-0.15* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.14* | |
| 33 14 13 23-0380 | LF | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe | 3.96 | 0.98 |
| | | *For >1,000, Deduct* | *-0.20* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.23* | |
| 33 14 13 23-0381 | LF | 2" Schedule 80 Polyvinyl Chloride (PVC) Pipe | 4.93 | 1.10 |
| | | *For >1,000, Deduct* | *-0.25* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.33* | |
| 33 14 13 23-0382 | LF | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe | 6.38 | 1.25 |
| | | *For >1,000, Deduct* | *-0.32* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.49* | |
| 33 14 13 23-0383 | LF | 3" Schedule 80 Polyvinyl Chloride (PVC) Pipe | 7.69 | 1.34 |
| | | *For >1,000, Deduct* | *-0.38* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.65* | |
| 33 14 13 23-0384 | LF | 4" Schedule 80 Polyvinyl Chloride (PVC) Pipe | 10.47 | 1.66 |
| | | *For >1,000, Deduct* | *-0.52* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *0.95* | |
| 33 14 13 23-0385 | LF | 6" Schedule 80 Polyvinyl Chloride (PVC) Pipe | 17.31 | 2.11 |
| | | *For >1,000, Deduct* | *-0.87* | |
| | | *For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add* | *1.80* | |
| **33 14 13 23-0386** | | **90 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)* | | |
| 33 14 13 23-0387 | EA | 1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC) | 30.33 | 11.38 |
| 33 14 13 23-0388 | EA | 1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC) | 40.59 | 15.74 |
| 33 14 13 23-0389 | EA | 2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC) | 46.96 | 17.64 |
| 33 14 13 23-0390 | EA | 2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC) | 57.28 | 20.01 |
| 33 14 13 23-0391 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow | 62.03 | 21.61 |
| 33 14 13 23-0392 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow | 78.74 | 26.53 |
| 33 14 13 23-0393 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow | 119.47 | 33.71 |
| **33 14 13 23-0394** | | **45 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)* | | |
| 33 14 13 23-0395 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow | 34.98 | 11.38 |
| 33 14 13 23-0396 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow | 45.07 | 15.74 |
| 33 14 13 23-0397 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow | 51.26 | 17.64 |
| 33 14 13 23-0398 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow | 65.35 | 20.01 |
| 33 14 13 23-0399 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow | 72.54 | 21.61 |
| 33 14 13 23-0400 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow | 99.87 | 26.53 |
| 33 14 13 23-0401 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow | 118.05 | 33.71 |
| **33 14 13 23-0402** | | **Tees Or Wyes, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)* | | |
| 33 14 13 23-0403 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes | 46.08 | 17.17 |
| 33 14 13 23-0404 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes | 67.94 | 23.72 |
| 33 14 13 23-0405 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes | 76.86 | 26.37 |
| 33 14 13 23-0406 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes | 87.07 | 30.07 |
| 33 14 13 23-0407 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes | 95.84 | 32.32 |
| 33 14 13 23-0408 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes | 116.89 | 39.84 |
| 33 14 13 23-0409 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes | 185.57 | 50.65 |
| **33 14 13 23-0410** | | **Couplings, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)* | | |
| 33 14 13 23-0411 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Coupling | 22.57 | 8.16 |
| 33 14 13 23-0412 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling | 33.20 | 11.86 |
| 33 14 13 23-0413 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Coupling | 36.86 | 13.19 |
| 33 14 13 23-0414 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling | 47.02 | 14.98 |
| 33 14 13 23-0415 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Coupling | 51.30 | 16.16 |
| 33 14 13 23-0416 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Coupling | 63.39 | 19.88 |
| 33 14 13 23-0417 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Coupling | 92.50 | 25.33 |
| **33 14 13 23-0418** | | **Crosses, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)* | | |
| 33 14 13 23-0419 | EA | 1" Schedule 80 Polyvinyl Chloride (PVC) Cross | 61.35 | 22.86 |
| 33 14 13 23-0420 | EA | 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross | 90.54 | 31.59 |
| 33 14 13 23-0421 | EA | 2" Schedule 80 Polyvinyl Chloride (PVC) Cross | 102.43 | 35.19 |
| 33 14 13 23-0422 | EA | 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross | 116.04 | 40.03 |
| 33 14 13 23-0423 | EA | 3" Schedule 80 Polyvinyl Chloride (PVC) Cross | 127.70 | 43.13 |
| 33 14 13 23-0424 | EA | 4" Schedule 80 Polyvinyl Chloride (PVC) Cross | 155.75 | 53.07 |
| 33 14 13 23-0425 | EA | 6" Schedule 80 Polyvinyl Chloride (PVC) Cross | 247.10 | 67.51 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 14 13 23-0426** | | **AWWA C901, High Density Polyethylene (HDPE) Tubing** *(33 14 13 23)* | | |
| 33 14 13 23-0427 | LF | 3/4" AWWA C901, SDR 7, High Density Polyethylene (HDPE) Tubing | 2.95 | 1.16 |
| | | *For Work In Restricted Working Space, Add* | *0.70* | |
| 33 14 13 23-0428 | LF | 1" AWWA C901, SDR 7, High Density Polyethylene (HDPE) Tubing | 3.28 | 1.00 |
| | | *For Work In Restricted Working Space, Add* | *0.75* | |
| 33 14 13 23-0429 | LF | 2" AWWA C901, SDR 9, High Density Polyethylene (HDPE) Tubing | 5.37 | 1.35 |
| | | *For Work In Restricted Working Space, Add* | *1.01* | |
| **33 14 13 23-0430** | | **AWWA C906, High Density Polyethylene (HDPE) Pressure Piping** *(33 14 13 23)* | | |
| | | Note: ASTM D3350 pipe, ASTM D2657 heat fusion. | | |
| **33 14 13 23-0431** | | **High Density Polyethylene (HDPE) Pressure Pipe** *(33 14 13 23-0430)* | | |
| 33 14 13 23-0432 | LF | 3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 6.38 | 2.44 |
| | | *For SDR 19, Add* | *0.13* | |
| | | *For SDR 17, Add* | *0.32* | |
| | | *For SDR 15.5, Add* | *0.47* | |
| | | *For SDR 13.5, Add* | *0.73* | |
| | | *For SDR 11, Add* | *1.18* | |
| 33 14 13 23-0433 | LF | 4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 8.18 | 3.10 |
| | | *For SDR 26, Deduct* | *-0.36* | |
| | | *For SDR 19, Add* | *0.18* | |
| | | *For SDR 17, Add* | *0.44* | |
| | | *For SDR 15.5, Add* | *0.64* | |
| | | *For SDR 13.5, Add* | *1.00* | |
| | | *For SDR 11, Add* | *1.61* | |
| 33 14 13 23-0434 | LF | 6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 11.77 | 3.76 |
| | | *For SDR 26, Deduct* | *-0.78* | |
| | | *For SDR 19, Add* | *0.38* | |
| | | *For SDR 17, Add* | *0.94* | |
| | | *For SDR 15.5, Add* | *1.38* | |
| | | *For SDR 13.5, Add* | *2.16* | |
| | | *For SDR 11, Add* | *3.47* | |
| 33 14 13 23-0435 | LF | 8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 15.68 | 4.23 |
| | | *For SDR 26, Deduct* | *-1.32* | |
| | | *For SDR 19, Add* | *0.65* | |
| | | *For SDR 17, Add* | *1.60* | |
| | | *For SDR 15.5, Add* | *2.35* | |
| | | *For SDR 13.5, Add* | *3.67* | |
| | | *For SDR 11, Add* | *5.90* | |
| 33 14 13 23-0436 | LF | 10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 20.63 | 4.70 |
| | | *For SDR 26, Deduct* | *-2.06* | |
| | | *For SDR 19, Add* | *1.01* | |
| | | *For SDR 17, Add* | *2.49* | |
| | | *For SDR 15.5, Add* | *3.65* | |
| | | *For SDR 13.5, Add* | *5.70* | |
| | | *For SDR 11, Add* | *9.17* | |
| 33 14 13 23-0437 | LF | 12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 26.61 | 52.64 |
| | | *For SDR 26, Deduct* | *-2.97* | |
| | | *For SDR 19, Add* | *1.46* | |
| | | *For SDR 17, Add* | *3.60* | |
| | | *For SDR 15.5, Add* | *5.26* | |
| | | *For SDR 13.5, Add* | *8.22* | |
| | | *For SDR 11, Add* | *13.23* | |
| 33 14 13 23-0438 | LF | 14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 30.77 | 5.93 |
| | | *For SDR 26, Deduct* | *-3.49* | |
| | | *For SDR 19, Add* | *1.71* | |
| | | *For SDR 17, Add* | *4.23* | |
| | | *For SDR 15.5, Add* | *6.19* | |
| | | *For SDR 13.5, Add* | *9.66* | |
| | | *For SDR 11, Add* | *15.55* | |
| 33 14 13 23-0439 | LF | 16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 38.02 | 6.58 |
| | | *For SDR 26, Deduct* | *-4.56* | |
| | | *For SDR 19, Add* | *2.24* | |
| | | *For SDR 17, Add* | *5.52* | |
| | | *For SDR 15.5, Add* | *8.09* | |
| | | *For SDR 13.5, Add* | *12.62* | |
| | | *For SDR 11, Add* | *20.31* | |
| 33 14 13 23-0440 | LF | 18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 47.24 | 7.89 |
| | | *For SDR 26, Deduct* | *-5.76* | |
| | | *For SDR 19, Add* | *2.83* | |
| | | *For SDR 17, Add* | *6.98* | |
| | | *For SDR 15.5, Add* | *10.22* | |
| | | *For SDR 13.5, Add* | *15.95* | |
| | | *For SDR 11, Add* | *25.67* | |
| 33 14 13 23-0441 | LF | 20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 65.19 | 9.41 |
| | | *For SDR 26, Deduct* | *-8.50* | |
| | | *For SDR 19, Add* | *4.18* | |
| | | *For SDR 17, Add* | *10.31* | |
| | | *For SDR 15.5, Add* | *15.10* | |
| | | *For SDR 13.5, Add* | *23.56* | |
| | | *For SDR 11, Add* | *37.92* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0442 | LF | 24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe | 78.43 | 11.28 |
| | | *For SDR 26, Deduct* | *-10.24* | |
| | | *For SDR 19, Add* | *5.03* | |
| | | *For SDR 17, Add* | *12.41* | |
| | | *For SDR 15.5, Add* | *18.18* | |
| | | *For SDR 13.5, Add* | *28.38* | |
| | | *For SDR 11, Add* | *45.67* | |
| 33 14 13 23-0443 | | 90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0430)* | | |
| 33 14 13 23-0444 | EA | 3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 54.13 | 14.23 |
| | | *For SDR 26, Deduct* | *-2.10* | |
| | | *For SDR 19, Add* | *1.03* | |
| | | *For SDR 17, Add* | *2.54* | |
| | | *For SDR 15.5, Add* | *3.73* | |
| | | *For SDR 13.5, Add* | *5.82* | |
| | | *For SDR 11, Add* | *9.36* | |
| 33 14 13 23-0445 | EA | 4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 61.07 | 15.82 |
| | | *For SDR 26, Deduct* | *-2.50* | |
| | | *For SDR 19, Add* | *1.23* | |
| | | *For SDR 17, Add* | *3.03* | |
| | | *For SDR 15.5, Add* | *4.44* | |
| | | *For SDR 13.5, Add* | *6.93* | |
| | | *For SDR 11, Add* | *11.15* | |
| 33 14 13 23-0446 | EA | 6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 90.45 | 18.07 |
| | | *For SDR 26, Deduct* | *-6.65* | |
| | | *For SDR 19, Add* | *3.27* | |
| | | *For SDR 17, Add* | *8.06* | |
| | | *For SDR 15.5, Add* | *11.81* | |
| | | *For SDR 13.5, Add* | *18.43* | |
| | | *For SDR 11, Add* | *29.66* | |
| 33 14 13 23-0447 | EA | 8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 139.08 | 21.10 |
| | | *For SDR 26, Deduct* | *-13.90* | |
| | | *For SDR 19, Add* | *6.82* | |
| | | *For SDR 17, Add* | *16.85* | |
| | | *For SDR 15.5, Add* | *24.67* | |
| | | *For SDR 13.5, Add* | *38.51* | |
| | | *For SDR 11, Add* | *61.98* | |
| 33 14 13 23-0448 | EA | 10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 210.87 | 28.17 |
| | | *For SDR 26, Deduct* | *-23.20* | |
| | | *For SDR 19, Add* | *11.39* | |
| | | *For SDR 17, Add* | *28.12* | |
| | | *For SDR 15.5, Add* | *41.18* | |
| | | *For SDR 13.5, Add* | *64.27* | |
| | | *For SDR 11, Add* | *103.45* | |
| 33 14 13 23-0449 | EA | 12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 311.75 | 42.17 |
| | | *For SDR 26, Deduct* | *-33.97* | |
| | | *For SDR 19, Add* | *16.68* | |
| | | *For SDR 17, Add* | *41.18* | |
| | | *For SDR 15.5, Add* | *60.30* | |
| | | *For SDR 13.5, Add* | *94.12* | |
| | | *For SDR 11, Add* | *151.50* | |
| 33 14 13 23-0450 | EA | 14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 389.64 | 56.27 |
| | | *For SDR 26, Deduct* | *-40.49* | |
| | | *For SDR 19, Add* | *19.88* | |
| | | *For SDR 17, Add* | *49.09* | |
| | | *For SDR 15.5, Add* | *71.89* | |
| | | *For SDR 13.5, Add* | *112.21* | |
| | | *For SDR 11, Add* | *180.60* | |
| 33 14 13 23-0451 | EA | 16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 517.42 | 84.32 |
| | | *For SDR 26, Deduct* | *-48.49* | |
| | | *For SDR 19, Add* | *23.81* | |
| | | *For SDR 17, Add* | *58.79* | |
| | | *For SDR 15.5, Add* | *86.09* | |
| | | *For SDR 13.5, Add* | *134.37* | |
| | | *For SDR 11, Add* | *216.28* | |
| 33 14 13 23-0452 | EA | 18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 644.59 | 94.85 |
| | | *For SDR 26, Deduct* | *-65.99* | |
| | | *For SDR 19, Add* | *32.40* | |
| | | *For SDR 17, Add* | *80.00* | |
| | | *For SDR 15.5, Add* | *117.15* | |
| | | *For SDR 13.5, Add* | *182.85* | |
| | | *For SDR 11, Add* | *294.32* | |
| 33 14 13 23-0453 | EA | 20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 867.68 | 107.65 |
| | | *For SDR 26, Deduct* | *-99.24* | |
| | | *For SDR 19, Add* | *48.73* | |
| | | *For SDR 17, Add* | *120.30* | |
| | | *For SDR 15.5, Add* | *176.17* | |
| | | *For SDR 13.5, Add* | *274.98* | |
| | | *For SDR 11, Add* | *442.59* | |
| 33 14 13 23-0454 | EA | 24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 1,102.18 | 126.53 |
| | | *For SDR 26, Deduct* | *-132.48* | |
| | | *For SDR 19, Add* | *65.05* | |
| | | *For SDR 17, Add* | *160.60* | |
| | | *For SDR 15.5, Add* | *235.19* | |
| | | *For SDR 13.5, Add* | *367.09* | |
| | | *For SDR 11, Add* | *590.86* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 23-0455 | | Tees, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0430)* | | |
| 33 14 13 23-0456 | EA | 3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 59.55 | 14.89 |
| | | *For SDR 26, Deduct* | *-2.74* | |
| | | *For SDR 19, Add* | *1.35* | |
| | | *For SDR 17, Add* | *3.33* | |
| | | *For SDR 15.5, Add* | *4.87* | |
| | | *For SDR 13.5, Add* | *7.60* | |
| | | *For SDR 11, Add* | *12.24* | |
| 33 14 13 23-0457 | EA | 4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 68.18 | 16.87 |
| | | *For SDR 26, Deduct* | *-3.23* | |
| | | *For SDR 19, Add* | *1.59* | |
| | | *For SDR 17, Add* | *3.92* | |
| | | *For SDR 15.5, Add* | *5.73* | |
| | | *For SDR 13.5, Add* | *8.95* | |
| | | *For SDR 11, Add* | *14.40* | |
| 33 14 13 23-0458 | EA | 6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 104.41 | 19.47 |
| | | *For SDR 26, Deduct* | *-8.44* | |
| | | *For SDR 19, Add* | *4.15* | |
| | | *For SDR 17, Add* | *10.23* | |
| | | *For SDR 15.5, Add* | *14.99* | |
| | | *For SDR 13.5, Add* | *23.39* | |
| | | *For SDR 11, Add* | *37.65* | |
| 33 14 13 23-0459 | EA | 8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 185.80 | 23.01 |
| | | *For SDR 26, Deduct* | *-21.42* | |
| | | *For SDR 19, Add* | *10.52* | |
| | | *For SDR 17, Add* | *25.96* | |
| | | *For SDR 15.5, Add* | *38.02* | |
| | | *For SDR 13.5, Add* | *59.34* | |
| | | *For SDR 11, Add* | *95.52* | |
| 33 14 13 23-0460 | EA | 10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 255.13 | 33.77 |
| | | *For SDR 26, Deduct* | *-28.22* | |
| | | *For SDR 19, Add* | *13.85* | |
| | | *For SDR 17, Add* | *34.21* | |
| | | *For SDR 15.5, Add* | *50.09* | |
| | | *For SDR 13.5, Add* | *78.19* | |
| | | *For SDR 11, Add* | *125.85* | |
| 33 14 13 23-0461 | EA | 12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 361.99 | 50.65 |
| | | *For SDR 26, Deduct* | *-38.53* | |
| | | *For SDR 19, Add* | *18.92* | |
| | | *For SDR 17, Add* | *46.71* | |
| | | *For SDR 15.5, Add* | *68.40* | |
| | | *For SDR 13.5, Add* | *106.76* | |
| | | *For SDR 11, Add* | *171.84* | |
| 33 14 13 23-0462 | EA | 14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 436.99 | 63.27 |
| | | *For SDR 26, Deduct* | *-45.33* | |
| | | *For SDR 19, Add* | *22.26* | |
| | | *For SDR 17, Add* | *54.95* | |
| | | *For SDR 15.5, Add* | *80.47* | |
| | | *For SDR 13.5, Add* | *125.60* | |
| | | *For SDR 11, Add* | *202.16* | |
| 33 14 13 23-0463 | EA | 16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 578.35 | 94.85 |
| | | *For SDR 26, Deduct* | *-53.83* | |
| | | *For SDR 19, Add* | *26.43* | |
| | | *For SDR 17, Add* | *65.25* | |
| | | *For SDR 15.5, Add* | *95.56* | |
| | | *For SDR 13.5, Add* | *149.15* | |
| | | *For SDR 11, Add* | *240.07* | |
| 33 14 13 23-0464 | EA | 18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 739.48 | 110.50 |
| | | *For SDR 26, Deduct* | *-74.79* | |
| | | *For SDR 19, Add* | *36.72* | |
| | | *For SDR 17, Add* | *90.66* | |
| | | *For SDR 15.5, Add* | *132.77* | |
| | | *For SDR 13.5, Add* | *207.24* | |
| | | *For SDR 11, Add* | *333.56* | |
| 33 14 13 23-0465 | EA | 20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 1,024.98 | 130.52 |
| | | *For SDR 26, Deduct* | *-115.30* | |
| | | *For SDR 19, Add* | *56.61* | |
| | | *For SDR 17, Add* | *139.77* | |
| | | *For SDR 15.5, Add* | *204.69* | |
| | | *For SDR 13.5, Add* | *319.49* | |
| | | *For SDR 11, Add* | *514.24* | |
| 33 14 13 23-0466 | EA | 24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping | 1,324.32 | 158.21 |
| | | *For SDR 26, Deduct* | *-155.82* | |
| | | *For SDR 19, Add* | *76.51* | |
| | | *For SDR 17, Add* | *188.88* | |
| | | *For SDR 15.5, Add* | *276.61* | |
| | | *For SDR 13.5, Add* | *431.75* | |
| | | *For SDR 11, Add* | *694.92* | |

### 33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping *(33 14 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

### 33 14 13 36 Steel Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 36-0001 Steel Piping *(33 14 13 36)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 36-0002 | | Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)* Note: ASTM A252 steel pipe. | | |
| 33 14 13 36-0003 | | Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)* | | |
| 33 14 13 36-0004 | LF | 8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 107.18 | 25.14 |
| | | *For <100, Add* | *11.07* | |
| | | *For >1,000, Deduct* | *-5.36* | |
| 33 14 13 36-0005 | LF | 8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 129.18 | 25.14 |
| | | *For <100, Add* | *12.17* | |
| | | *For >1,000, Deduct* | *-6.46* | |
| 33 14 13 36-0006 | LF | 10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 128.07 | 27.42 |
| | | *For <100, Add* | *12.64* | |
| | | *For >1,000, Deduct* | *-6.40* | |
| 33 14 13 36-0007 | LF | 10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 155.88 | 27.42 |
| | | *For <100, Add* | *14.03* | |
| | | *For >1,000, Deduct* | *-7.79* | |
| 33 14 13 36-0008 | LF | 12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 156.00 | 28.74 |
| | | *For <100, Add* | *14.33* | |
| | | *For >1,000, Deduct* | *-7.80* | |
| 33 14 13 36-0009 | LF | 12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 177.63 | 28.74 |
| | | *For <100, Add* | *15.41* | |
| | | *For >1,000, Deduct* | *-8.88* | |
| 33 14 13 36-0010 | LF | 14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 189.66 | 31.76 |
| | | *For <100, Add* | *16.70* | |
| | | *For >1,000, Deduct* | *-9.48* | |
| 33 14 13 36-0011 | LF | 14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 206.94 | 31.76 |
| | | *For <100, Add* | *17.57* | |
| | | *For >1,000, Deduct* | *-10.35* | |
| 33 14 13 36-0012 | LF | 16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 201.33 | 33.53 |
| | | *For <100, Add* | *17.69* | |
| | | *For >1,000, Deduct* | *-10.07* | |
| 33 14 13 36-0013 | LF | 16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 214.68 | 33.53 |
| | | *For <100, Add* | *18.35* | |
| | | *For >1,000, Deduct* | *-10.73* | |
| 33 14 13 36-0014 | LF | 18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 250.31 | 37.71 |
| | | *For <100, Add* | *21.09* | |
| | | *For >1,000, Deduct* | *-12.52* | |
| 33 14 13 36-0015 | LF | 20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 272.19 | 37.71 |
| | | *For <100, Add* | *22.18* | |
| | | *For >1,000, Deduct* | *-13.61* | |
| 33 14 13 36-0016 | | 5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)* | | |
| 33 14 13 36-0017 | LF | 12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 220.56 | 53.38 |
| | | *For <100, Add* | *19.42* | |
| | | *For >1,000, Deduct* | *-11.03* | |
| 33 14 13 36-0018 | LF | 14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 262.04 | 58.72 |
| | | *For <100, Add* | *22.37* | |
| | | *For >1,000, Deduct* | *-13.10* | |
| 33 14 13 36-0019 | LF | 16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 291.31 | 61.39 |
| | | *For <100, Add* | *24.35* | |
| | | *For >1,000, Deduct* | *-14.57* | |
| 33 14 13 36-0020 | LF | 18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 328.63 | 69.39 |
| | | *For <100, Add* | *27.44* | |
| | | *For >1,000, Deduct* | *-16.43* | |
| 33 14 13 36-0021 | LF | 18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 343.46 | 69.39 |
| | | *For <100, Add* | *28.18* | |
| | | *For >1,000, Deduct* | *-17.17* | |
| 33 14 13 36-0022 | LF | 20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 357.18 | 69.39 |
| | | *For <100, Add* | *28.87* | |
| | | *For >1,000, Deduct* | *-17.86* | |
| 33 14 13 36-0023 | LF | 20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 373.00 | 69.39 |
| | | *For <100, Add* | *29.66* | |
| | | *For >1,000, Deduct* | *-18.65* | |
| 33 14 13 36-0024 | LF | 24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 432.43 | 80.07 |
| | | *For <100, Add* | *34.20* | |
| | | *For >1,000, Deduct* | *-21.62* | |
| 33 14 13 36-0025 | LF | 24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 481.37 | 80.07 |
| | | *For <100, Add* | *36.65* | |
| | | *For >1,000, Deduct* | *-24.07* | |
| 33 14 13 36-0026 | LF | 24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 601.51 | 80.07 |
| | | *For <100, Add* | *42.66* | |
| | | *For >1,000, Deduct* | *-30.08* | |
| 33 14 13 36-0027 | LF | 30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 537.87 | 93.41 |
| | | *For <100, Add* | *41.57* | |
| | | *For >1,000, Deduct* | *-26.89* | |
| 33 14 13 36-0028 | LF | 30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 557.89 | 93.41 |
| | | *For <100, Add* | *42.57* | |
| | | *For >1,000, Deduct* | *-27.89* | |
| 33 14 13 36-0029 | LF | 30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 746.75 | 93.41 |
| | | *For <100, Add* | *52.02* | |
| | | *For >1,000, Deduct* | *-37.34* | |
| 33 14 13 36-0030 | LF | 36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 641.69 | 93.41 |
| | | *For <100, Add* | *46.76* | |
| | | *For >1,000, Deduct* | *-32.08* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 36-0031 | LF | 36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 752.23 | 112.10 |
| | | *For <100, Add* | *55.23* | |
| | | *For >1,000, Deduct* | *-37.61* | |
| 33 14 13 36-0032 | LF | 36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 898.69 | 112.10 |
| | | *For <100, Add* | *62.55* | |
| | | *For >1,000, Deduct* | *-44.93* | |
| 33 14 13 36-0033 | LF | 36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe | 862.11 | 112.10 |
| | | *For <100, Add* | *60.72* | |
| | | *For >1,000, Deduct* | *-43.11* | |

### 33 14 13 36-0034 Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 36-0035 | EA | 2" Dresser Coupling For Plain End Welded Steel Pipe | 114.62 | 27.80 |
| 33 14 13 36-0036 | EA | 3" Dresser Coupling For Plain End Welded Steel Pipe | 170.78 | 53.46 |
| 33 14 13 36-0037 | EA | 4" Dresser Coupling For Plain End Welded Steel Pipe | 227.30 | 70.58 |
| 33 14 13 36-0038 | EA | 6" Dresser Coupling For Plain End Welded Steel Pipe | 361.54 | 106.92 |
| 33 14 13 36-0039 | EA | 8" Dresser Coupling For Plain End Welded Steel Pipe | 472.38 | 134.72 |
| 33 14 13 36-0040 | EA | 10" Dresser Coupling For Plain End Welded Steel Pipe | 603.44 | 141.98 |
| 33 14 13 36-0041 | EA | 12" Dresser Coupling For Plain End Welded Steel Pipe | 715.62 | 177.95 |
| 33 14 13 36-0042 | EA | 14" Dresser Coupling For Plain End Welded Steel Pipe | 770.59 | 177.95 |
| 33 14 13 36-0043 | EA | 16" Dresser Coupling For Plain End Welded Steel Pipe | 814.00 | 203.50 |
| 33 14 13 36-0044 | EA | 18" Dresser Coupling For Plain End Welded Steel Pipe | 892.32 | 217.71 |
| 33 14 13 36-0045 | EA | 20" Dresser Coupling For Plain End Welded Steel Pipe | 973.36 | 246.10 |
| 33 14 13 36-0046 | EA | 24" Dresser Coupling For Plain End Welded Steel Pipe | 1,231.15 | 260.29 |
| 33 14 13 36-0047 | EA | 30" Dresser Coupling For Plain End Welded Steel Pipe | 1,478.16 | 283.96 |
| 33 14 13 36-0048 | EA | 36" Dresser Coupling For Plain End Welded Steel Pipe | 1,734.42 | 319.46 |

## 33 14 13 39 Copper Public Water Utility Distribution Piping *(33 14 13)*

### 33 14 13 39-0001 Type L Copper Water Distribution Piping *(33 14 13 39)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 39-0002 | LF | 1/2" Type L Copper Water Distribution Pipe | 6.83 | 1.88 |
| 33 14 13 39-0003 | LF | 3/4" Type L Copper Water Distribution Pipe | 8.57 | 2.12 |
| 33 14 13 39-0004 | LF | 1" Type L Copper Water Distribution Pipe | 11.32 | 2.35 |
| 33 14 13 39-0005 | LF | 1-1/4" Type L Copper Water Distribution Pipe | 14.14 | 2.82 |
| 33 14 13 39-0006 | LF | 1-1/2" Type L Copper Water Distribution Pipe | 17.42 | 3.76 |
| 33 14 13 39-0007 | LF | 2" Type L Copper Water Distribution Pipe | 25.29 | 4.70 |
| 33 14 13 39-0008 | LF | 2-1/2" Type L Copper Water Distribution Pipe | 32.03 | 5.64 |
| 33 14 13 39-0009 | LF | 3" Type L Copper Water Distribution Pipe | 40.12 | 6.21 |
| 33 14 13 39-0010 | LF | 3-1/2" Type L Copper Water Distribution Pipe | 53.93 | 7.81 |
| 33 14 13 39-0011 | LF | 4" Type L Copper Water Distribution Pipe | 71.19 | 9.87 |
| 33 14 13 39-0012 | LF | 5" Type L Copper Water Distribution Pipe | 114.43 | 12.32 |
| 33 14 13 39-0013 | LF | 6" Type L Copper Water Distribution Pipe | 147.74 | 14.85 |
| 33 14 13 39-0014 | LF | 8" Type L Copper Water Distribution Pipe | 253.92 | 16.63 |

### 33 14 13 39-0015 Type K Copper Water Distribution Piping *(33 14 13 39)*

| | | | | |
|---|---|---|---|---|
| 33 14 13 39-0016 | LF | 1/2" Type K Copper Water Distribution Pipe | 7.26 | 1.88 |
| 33 14 13 39-0017 | LF | 3/4" Type K Copper Water Distribution Pipe | 10.11 | 2.12 |
| 33 14 13 39-0018 | LF | 1" Type K Copper Water Distribution Pipe | 12.85 | 2.35 |
| 33 14 13 39-0019 | LF | 1-1/4" Type K Copper Water Distribution Pipe | 15.08 | 2.82 |
| 33 14 13 39-0020 | LF | 1-1/2" Type K Copper Water Distribution Pipe | 18.81 | 3.76 |
| 33 14 13 39-0021 | LF | 2" Type K Copper Water Distribution Pipe | 27.17 | 4.70 |
| 33 14 13 39-0022 | LF | 2-1/2" Type K Copper Water Distribution Pipe | 37.24 | 5.64 |
| 33 14 13 39-0023 | LF | 3" Type K Copper Water Distribution Pipe | 47.92 | 6.21 |
| 33 14 13 39-0024 | LF | 3-1/2" Type K Copper Water Distribution Pipe | 63.10 | 7.81 |
| 33 14 13 39-0025 | LF | 4" Type K Copper Water Distribution Pipe | 85.11 | 9.87 |
| 33 14 13 39-0026 | LF | 5" Type K Copper Water Distribution Pipe | 143.24 | 12.32 |
| 33 14 13 39-0027 | LF | 6" Type K Copper Water Distribution Pipe | 199.55 | 14.85 |
| 33 14 13 39-0028 | LF | 8" Type K Copper Water Distribution Pipe | 349.52 | 16.63 |

## 33 14 13 43 Public Water Utility Distribution Piping Coatings and Wraps *(33 14 13)*

### 33 14 13 43-0001 Pipe Coatings *(33 14 13 43)*

### 33 14 13 43-0002 Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating *(33 14 13 43-0001)*

Note: Applied at fabrication shop.

| | | | | |
|---|---|---|---|---|
| 33 14 13 43-0003 | LF | 12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating | 4.15 | |
| 33 14 13 43-0004 | LF | 14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating | 5.52 | |
| 33 14 13 43-0005 | LF | 16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating | 6.30 | |
| 33 14 13 43-0006 | LF | 18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating | 6.62 | |
| 33 14 13 43-0007 | LF | 20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating | 7.13 | |
| 33 14 13 43-0008 | LF | 24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating | 8.30 | |
| 33 14 13 43-0009 | LF | 30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating | 10.90 | |
| 33 14 13 43-0010 | LF | 36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating | 17.22 | |

### 33 14 13 43-0011 8 Mil Polyethylene Encasement Tubing *(33 14 13 43)*

Note: ANSI/AWWA C105/A21.5-99 section 4.2.

| | | | | |
|---|---|---|---|---|
| 33 14 13 43-0012 | LF | 3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing | 0.89 | |
| 33 14 13 43-0013 | LF | 10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing | 1.48 | |
| 33 14 13 43-0014 | LF | 14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing | 1.88 | |
| 33 14 13 43-0015 | LF | 18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing | 2.38 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 43-0016 | LF | 24" Diameter, 8 Mil Polyethylene Encasement Tubing | 3.30 | |
| 33 14 13 43-0017 | LF | 30" Diameter, 8 Mil Polyethylene Encasement Tubing | 4.28 | |
| 33 14 13 43-0018 | LF | 36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing | 5.43 | |
| 33 14 13 43-0019 | LF | 48" Diameter, 8 Mil Polyethylene Encasement Tubing | 6.47 | |
| 33 14 13 43-0020 | LF | 54" Diameter, 8 Mil Polyethylene Encasement Tubing | 7.73 | |
| 33 14 13 43-0021 | LF | 60" Diameter, 8 Mil Polyethylene Encasement Tubing | 8.63 | |

## 33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters *(33 14 13)*

### 33 14 13 53-0001 Double Stud Stainless Steel Service Saddles *(33 14 13 53)*

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

| | | | | |
|---|---|---|---|---|
| 33 14 13 53-0002 | EA | 4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 245.06 | |
| 33 14 13 53-0003 | EA | 4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 348.93 | |
| 33 14 13 53-0004 | EA | 4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 359.93 | |
| 33 14 13 53-0005 | EA | 6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 295.21 | |
| 33 14 13 53-0006 | EA | 6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 372.98 | |
| 33 14 13 53-0007 | EA | 8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 308.14 | |
| 33 14 13 53-0008 | EA | 8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 390.37 | |
| 33 14 13 53-0009 | EA | 10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 348.02 | |
| 33 14 13 53-0010 | EA | 10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 411.20 | |
| 33 14 13 53-0011 | EA | 12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 362.65 | |
| 33 14 13 53-0012 | EA | 12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) | 422.55 | |

### 33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

| | | | | |
|---|---|---|---|---|
| 33 14 13 53-0014 | EA | 1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 201.83 | |
| 33 14 13 53-0015 | EA | 2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 201.98 | |
| 33 14 13 53-0016 | EA | 2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 214.84 | |
| 33 14 13 53-0017 | EA | 2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 205.59 | |
| 33 14 13 53-0018 | EA | 3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 220.00 | |
| 33 14 13 53-0019 | EA | 3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 244.01 | |
| 33 14 13 53-0020 | EA | 3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 259.58 | |
| 33 14 13 53-0021 | EA | 4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 236.91 | |
| 33 14 13 53-0022 | EA | 4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 261.11 | |
| 33 14 13 53-0023 | EA | 4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 274.29 | |
| 33 14 13 53-0024 | EA | 5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 249.90 | |
| 33 14 13 53-0025 | EA | 5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 274.91 | |
| 33 14 13 53-0026 | EA | 5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 288.02 | |
| 33 14 13 53-0027 | EA | 6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 263.38 | |
| 33 14 13 53-0028 | EA | 6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 287.64 | |
| 33 14 13 53-0029 | EA | 6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 300.57 | |
| 33 14 13 53-0030 | EA | 6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 447.71 | |
| 33 14 13 53-0031 | EA | 6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 458.73 | |
| 33 14 13 53-0032 | EA | 8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 285.72 | |
| 33 14 13 53-0033 | EA | 8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 315.22 | |
| 33 14 13 53-0034 | EA | 8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 327.14 | |
| 33 14 13 53-0035 | EA | 8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 531.84 | |
| 33 14 13 53-0036 | EA | 10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 321.10 | |
| 33 14 13 53-0037 | EA | 10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 356.65 | |
| 33 14 13 53-0038 | EA | 10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 595.43 | |
| 33 14 13 53-0039 | EA | 12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 350.04 | |
| 33 14 13 53-0040 | EA | 12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 387.71 | |
| 33 14 13 53-0041 | EA | 12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 401.43 | |
| 33 14 13 53-0042 | EA | 12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 666.18 | |
| 33 14 13 53-0043 | EA | 14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 410.84 | |
| 33 14 13 53-0044 | EA | 14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 440.15 | |
| 33 14 13 53-0045 | EA | 14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 474.65 | |
| 33 14 13 53-0046 | EA | 14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 822.97 | |
| 33 14 13 53-0047 | EA | 15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 421.84 | |
| 33 14 13 53-0048 | EA | 15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 482.27 | |
| 33 14 13 53-0049 | EA | 15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 502.38 | |
| 33 14 13 53-0050 | EA | 15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 885.36 | |
| 33 14 13 53-0051 | EA | 16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 440.84 | |
| 33 14 13 53-0052 | EA | 16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 503.52 | |
| 33 14 13 53-0053 | EA | 16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 524.18 | |
| 33 14 13 53-0054 | EA | 16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 921.45 | |
| 33 14 13 53-0055 | EA | 18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 489.37 | |
| 33 14 13 53-0056 | EA | 18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 567.56 | |
| 33 14 13 53-0057 | EA | 20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 559.93 | |
| 33 14 13 53-0058 | EA | 20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 620.57 | |
| 33 14 13 53-0059 | EA | 24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 584.94 | |
| 33 14 13 53-0060 | EA | 24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) | 661.72 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 53-0061 | | Double Bale Bronze Service Saddles *(33 14 13 53)* | | |
| 33 14 13 53-0062 | EA | 4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 282.46 | |
| 33 14 13 53-0063 | EA | 4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 309.31 | |
| 33 14 13 53-0064 | EA | 6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 321.40 | |
| 33 14 13 53-0065 | EA | 6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 348.52 | |
| 33 14 13 53-0066 | EA | 8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 359.13 | |
| 33 14 13 53-0067 | EA | 8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 377.46 | |
| 33 14 13 53-0068 | EA | 10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 346.73 | |
| 33 14 13 53-0069 | EA | 10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 369.06 | |
| 33 14 13 53-0070 | EA | 12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 443.72 | |
| 33 14 13 53-0071 | EA | 12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 480.51 | |
| 33 14 13 53-0072 | EA | 14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 675.84 | |
| 33 14 13 53-0073 | EA | 14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 765.10 | |
| 33 14 13 53-0074 | EA | 16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 787.42 | |
| 33 14 13 53-0075 | EA | 16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) | 880.49 | |
| 33 14 13 53-0076 | | Stainless Steel Double Straps, Bronze Body Service Saddle *(33 14 13 53)* | | |
| | | Note: Taps are compression or NPT. | | |
| 33 14 13 53-0077 | EA | 4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 297.53 | |
| 33 14 13 53-0078 | EA | 4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 328.33 | |
| 33 14 13 53-0079 | EA | 6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 339.20 | |
| 33 14 13 53-0080 | EA | 6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 368.85 | |
| 33 14 13 53-0081 | EA | 8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 381.13 | |
| 33 14 13 53-0082 | EA | 8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 400.64 | |
| 33 14 13 53-0083 | EA | 10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 430.60 | |
| 33 14 13 53-0084 | EA | 10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 461.21 | |
| 33 14 13 53-0085 | EA | 12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 463.88 | |
| 33 14 13 53-0086 | EA | 12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 503.27 | |
| 33 14 13 53-0087 | EA | 14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 725.80 | |
| 33 14 13 53-0088 | EA | 14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 835.75 | |
| 33 14 13 53-0089 | EA | 16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 846.70 | |
| 33 14 13 53-0090 | EA | 16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 923.51 | |
| 33 14 13 53-0091 | EA | 18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 1,673.34 | |
| 33 14 13 53-0092 | EA | 18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 1,673.34 | |
| 33 14 13 53-0093 | EA | 20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 1,737.74 | |
| 33 14 13 53-0094 | EA | 20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 1,737.74 | |
| 33 14 13 53-0095 | EA | 24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 1,865.09 | |
| 33 14 13 53-0096 | EA | 24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) | 1,865.09 | |
| 33 14 13 53-0097 | | Ductile Iron Mechanical Joint Tapping Sleeve *(33 14 13 53)* | | |
| 33 14 13 53-0098 | EA | 4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 1,349.21 | |
| 33 14 13 53-0099 | EA | 6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 1,628.02 | |
| 33 14 13 53-0100 | EA | 8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 1,948.88 | |
| 33 14 13 53-0101 | EA | 8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 2,064.44 | |
| 33 14 13 53-0102 | EA | 10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 3,168.08 | |
| 33 14 13 53-0103 | EA | 10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 3,330.46 | |
| 33 14 13 53-0104 | EA | 10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 3,399.16 | |
| 33 14 13 53-0105 | EA | 12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 3,333.20 | |
| 33 14 13 53-0106 | EA | 12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 3,494.92 | |
| 33 14 13 53-0107 | EA | 12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 3,891.37 | |
| 33 14 13 53-0108 | EA | 12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 3,990.75 | |
| 33 14 13 53-0109 | EA | 14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 6,736.57 | |
| 33 14 13 53-0110 | EA | 14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 6,919.52 | |
| 33 14 13 53-0111 | EA | 14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,000.87 | |
| 33 14 13 53-0112 | EA | 14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,034.89 | |
| 33 14 13 53-0113 | EA | 14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,293.38 | |
| 33 14 13 53-0114 | EA | 16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,279.19 | |
| 33 14 13 53-0115 | EA | 16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,301.21 | |
| 33 14 13 53-0116 | EA | 16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,505.85 | |
| 33 14 13 53-0117 | EA | 16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,552.84 | |
| 33 14 13 53-0118 | EA | 16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,604.71 | |
| 33 14 13 53-0119 | EA | 16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 11,727.79 | |
| 33 14 13 53-0120 | EA | 16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 7,975.11 | |
| 33 14 13 53-0121 | EA | 18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 10,158.61 | |
| 33 14 13 53-0122 | EA | 18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 10,622.78 | |
| 33 14 13 53-0123 | EA | 18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 10,749.05 | |
| 33 14 13 53-0124 | EA | 18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 11,136.16 | |
| 33 14 13 53-0125 | EA | 20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 9,478.76 | |
| 33 14 13 53-0126 | EA | 20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 9,123.21 | |
| 33 14 13 53-0127 | EA | 20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 9,299.24 | |
| 33 14 13 53-0128 | EA | 20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 9,366.96 | |
| 33 14 13 53-0129 | EA | 20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 9,710.93 | |
| 33 14 13 53-0130 | EA | 20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 13,188.56 | |
| 33 14 13 53-0131 | EA | 20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 13,441.43 | |
| 33 14 13 53-0132 | EA | 24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 11,466.08 | |
| 33 14 13 53-0133 | EA | 24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 11,623.43 | |
| 33 14 13 53-0134 | EA | 24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 11,667.83 | |
| 33 14 13 53-0135 | EA | 24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 16,229.93 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 53-0136 | EA | 24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 16,437.93 | |
| 33 14 13 53-0137 | EA | 24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 16,481.96 | |
| 33 14 13 53-0138 | EA | 24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 16,935.85 | |
| 33 14 13 53-0139 | EA | 24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) | 17,149.73 | |
| **33 14 13 53-0140** | | **Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve** *(33 14 13 53)* | | |
| 33 14 13 53-0141 | EA | 4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,112.98 | |
| 33 14 13 53-0142 | EA | 6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,176.89 | |
| 33 14 13 53-0143 | EA | 6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,289.71 | |
| 33 14 13 53-0144 | EA | 8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,322.86 | |
| 33 14 13 53-0145 | EA | 8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,378.15 | |
| 33 14 13 53-0146 | EA | 8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,590.53 | |
| 33 14 13 53-0147 | EA | 10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,441.49 | |
| 33 14 13 53-0148 | EA | 10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,495.27 | |
| 33 14 13 53-0149 | EA | 10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,681.73 | |
| 33 14 13 53-0150 | EA | 10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,349.46 | |
| 33 14 13 53-0151 | EA | 12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,617.35 | |
| 33 14 13 53-0152 | EA | 12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,697.13 | |
| 33 14 13 53-0153 | EA | 12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 1,880.59 | |
| 33 14 13 53-0154 | EA | 12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,478.56 | |
| 33 14 13 53-0155 | EA | 12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,709.07 | |
| 33 14 13 53-0156 | EA | 14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,140.11 | |
| 33 14 13 53-0157 | EA | 14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,205.77 | |
| 33 14 13 53-0158 | EA | 14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,601.64 | |
| 33 14 13 53-0159 | EA | 14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,092.89 | |
| 33 14 13 53-0160 | EA | 14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,411.67 | |
| 33 14 13 53-0161 | EA | 16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,547.24 | |
| 33 14 13 53-0162 | EA | 16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,615.10 | |
| 33 14 13 53-0163 | EA | 16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,876.51 | |
| 33 14 13 53-0164 | EA | 16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,579.96 | |
| 33 14 13 53-0165 | EA | 16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,744.75 | |
| 33 14 13 53-0166 | EA | 18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,690.93 | |
| 33 14 13 53-0167 | EA | 18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,815.42 | |
| 33 14 13 53-0168 | EA | 18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 2,989.11 | |
| 33 14 13 53-0169 | EA | 18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,817.22 | |
| 33 14 13 53-0170 | EA | 18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,981.82 | |
| 33 14 13 53-0171 | EA | 20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,257.31 | |
| 33 14 13 53-0172 | EA | 20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,325.02 | |
| 33 14 13 53-0173 | EA | 20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,717.19 | |
| 33 14 13 53-0174 | EA | 20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 4,381.68 | |
| 33 14 13 53-0175 | EA | 20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 4,662.53 | |
| 33 14 13 53-0176 | EA | 24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,510.08 | |
| 33 14 13 53-0177 | EA | 24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,660.75 | |
| 33 14 13 53-0178 | EA | 24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 3,864.86 | |
| 33 14 13 53-0179 | EA | 24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 4,808.80 | |
| 33 14 13 53-0180 | EA | 24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) | 4,980.50 | |
| **33 14 13 53-0181** | | **Stainless Steel Flange, Stainless Steel Tapping Sleeve** *(33 14 13 53)* | | |
| 33 14 13 53-0182 | EA | 4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,294.03 | |
| 33 14 13 53-0183 | EA | 6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,405.56 | |
| 33 14 13 53-0184 | EA | 6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,488.97 | |
| 33 14 13 53-0185 | EA | 8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,514.14 | |
| 33 14 13 53-0186 | EA | 8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,610.51 | |
| 33 14 13 53-0187 | EA | 8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,902.25 | |
| 33 14 13 53-0188 | EA | 10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,737.62 | |
| 33 14 13 53-0189 | EA | 10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,844.69 | |
| 33 14 13 53-0190 | EA | 10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,105.98 | |
| 33 14 13 53-0191 | EA | 10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,863.52 | |
| 33 14 13 53-0192 | EA | 12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 1,980.89 | |
| 33 14 13 53-0193 | EA | 12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,127.55 | |
| 33 14 13 53-0194 | EA | 12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,473.35 | |
| 33 14 13 53-0195 | EA | 12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,924.45 | |
| 33 14 13 53-0196 | EA | 12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,268.88 | |
| 33 14 13 53-0197 | EA | 14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,259.89 | |
| 33 14 13 53-0198 | EA | 14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,440.23 | |
| 33 14 13 53-0199 | EA | 14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,829.84 | |
| 33 14 13 53-0200 | EA | 14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,281.38 | |
| 33 14 13 53-0201 | EA | 14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,519.29 | |
| 33 14 13 53-0202 | EA | 16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 2,764.82 | |
| 33 14 13 53-0203 | EA | 16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,012.08 | |
| 33 14 13 53-0204 | EA | 16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,200.03 | |
| 33 14 13 53-0205 | EA | 16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,685.68 | |
| 33 14 13 53-0206 | EA | 16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 4,014.52 | |
| 33 14 13 53-0207 | EA | 18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,042.12 | |
| 33 14 13 53-0208 | EA | 18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,412.63 | |
| 33 14 13 53-0209 | EA | 18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,608.87 | |
| 33 14 13 53-0210 | EA | 18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 4,035.40 | |
| 33 14 13 53-0211 | EA | 18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 4,600.34 | |
| 33 14 13 53-0212 | EA | 20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,278.05 | |
| 33 14 13 53-0213 | EA | 20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,647.60 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 13 53-0214 | EA | 20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,806.67 | |
| 33 14 13 53-0215 | EA | 20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 4,602.07 | |
| 33 14 13 53-0216 | EA | 20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 5,043.94 | |
| 33 14 13 53-0217 | EA | 24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,893.09 | |
| 33 14 13 53-0218 | EA | 24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 3,944.02 | |
| 33 14 13 53-0219 | EA | 24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 4,135.16 | |
| 33 14 13 53-0220 | EA | 24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 5,084.96 | |
| 33 14 13 53-0221 | EA | 24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) | 5,591.00 | |
| 33 14 13 53-0222 | | Ductile Iron Body, Flanged Coupling Adapter *(33 14 13 53)* | | |
| 33 14 13 53-0223 | EA | 3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) | 337.03 | 63.87 |
| 33 14 13 53-0224 | EA | 4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) | 422.32 | 80.54 |
| 33 14 13 53-0225 | EA | 6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) | 555.82 | 111.08 |
| 33 14 13 53-0226 | EA | 8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) | 719.01 | 130.52 |
| 33 14 13 53-0227 | EA | 10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) | 1,123.43 | 147.18 |
| 33 14 13 53-0228 | EA | 12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) | 1,255.26 | 166.62 |
| 33 14 13 53-0229 | | Steel Body, Flanged Coupling Adapter *(33 14 13 53)* | | |
| 33 14 13 53-0230 | EA | 3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 488.89 | 63.87 |
| 33 14 13 53-0231 | EA | 4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 578.58 | 80.54 |
| 33 14 13 53-0232 | EA | 6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 772.88 | 111.08 |
| 33 14 13 53-0233 | EA | 8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 944.92 | 130.52 |
| 33 14 13 53-0234 | EA | 10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 1,152.41 | 147.18 |
| 33 14 13 53-0235 | EA | 12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 1,342.41 | 166.62 |
| 33 14 13 53-0236 | EA | 14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 1,593.44 | 183.28 |
| 33 14 13 53-0237 | EA | 16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 1,885.49 | 199.94 |
| 33 14 13 53-0238 | EA | 18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 2,225.10 | 219.94 |
| 33 14 13 53-0239 | EA | 20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) | 2,627.68 | 241.93 |
| 33 14 13 53-0240 | | Steel Body, Flanged-Lock Restrained Coupling Adapters *(33 14 13 53)* | | |
| 33 14 13 53-0241 | EA | 4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 432.48 | 80.54 |
| 33 14 13 53-0242 | EA | 6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 580.89 | 111.08 |
| 33 14 13 53-0243 | EA | 8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 643.99 | 130.52 |
| 33 14 13 53-0244 | EA | 10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 935.87 | 147.18 |
| 33 14 13 53-0245 | EA | 12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 1,189.87 | 166.62 |
| 33 14 13 53-0246 | EA | 14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 1,334.21 | 183.28 |
| 33 14 13 53-0247 | EA | 16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 1,566.77 | 199.94 |
| 33 14 13 53-0248 | EA | 18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 1,757.82 | 219.94 |
| 33 14 13 53-0249 | EA | 20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 2,110.28 | 241.93 |
| 33 14 13 53-0250 | EA | 24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 2,539.51 | 266.14 |
| 33 14 13 53-0251 | EA | 30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 5,262.71 | 292.69 |
| 33 14 13 53-0252 | EA | 36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) | 7,095.07 | 322.02 |
| 33 14 13 53-0253 | | Ductile Iron Body, Omni Coupling System *(33 14 13 53)* | | |
| 33 14 13 53-0254 | EA | 2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 153.96 | 44.43 |
| 33 14 13 53-0255 | EA | 2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 189.70 | 52.76 |
| 33 14 13 53-0256 | EA | 3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 234.70 | 63.87 |
| 33 14 13 53-0257 | EA | 4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 294.76 | 80.54 |
| 33 14 13 53-0258 | EA | 6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 393.63 | 111.08 |
| 33 14 13 53-0259 | EA | 8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 477.79 | 130.52 |
| 33 14 13 53-0260 | EA | 10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 595.29 | 147.18 |
| 33 14 13 53-0261 | EA | 12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 695.60 | 166.62 |
| 33 14 13 53-0262 | EA | 14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 972.76 | 183.28 |
| 33 14 13 53-0263 | EA | 16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) | 1,210.56 | 199.94 |

## 33 14 19 Valves and Hydrants for Water Utility Service *(33 14)*

Note: Flanged valves excludes bolt and gasket set. See CSI section 23 21 13 23-0669 for bolt and gasket sets.

### 33 14 19 00-0001 Water Utility Distribution Valves *(33 14 19)*

### 33 14 19 00-0002 Angle Valves *(33 14 19 00-0001)*

Note: For connecting meters to water service.

### 33 14 19 00-0003 Threaded, Class 150, Bronze Angle Valve *(33 14 19 00-0002)*

Note: Nibco T-335Y

| | | | | |
|---|---|---|---|---|
| 33 14 19 00-0004 | EA | 1/2" Threaded, Class 150, Bronze Angle Valve | 98.80 | 18.58 |
| 33 14 19 00-0005 | EA | 3/4" Threaded, Class 150, Bronze Angle Valve | 133.25 | 24.96 |
| 33 14 19 00-0006 | EA | 1" Threaded, Class 150, Bronze Angle Valve | 178.94 | 30.77 |
| 33 14 19 00-0007 | EA | 1-1/4" Threaded, Class 150, Bronze Angle Valve | 230.29 | 38.66 |
| 33 14 19 00-0008 | EA | 1-1/2" Threaded, Class 150, Bronze Angle Valve | 286.99 | 44.70 |
| 33 14 19 00-0009 | EA | 2" Threaded, Class 150, Bronze Angle Valve | 425.92 | 52.26 |
| 33 14 19 00-0010 | EA | 2-1/2" Threaded, Class 150, Bronze Angle Valve | 680.07 | 71.32 |
| 33 14 19 00-0011 | EA | 3" Threaded, Class 150, Bronze Angle Valve | 1,028.20 | 82.33 |

### 33 14 19 00-0012 Butterfly Valves *(33 14 19 00-0001)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 19 00-0013 | | **Lug Type Flanged, Cast Iron Disc, Butterfly Valves** *(33 14 19 00-0012)* Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin | | |
| 33 14 19 00-0014 | EA | 3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8) | 1,817.06 | 197.40 |
| 33 14 19 00-0015 | EA | 3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8) | 2,017.06 | 197.40 |
| 33 14 19 00-0016 | EA | 4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8) | 1,970.88 | 305.50 |
| 33 14 19 00-0017 | EA | 4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8) | 2,170.88 | 305.50 |
| 33 14 19 00-0018 | EA | 6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8) | 2,245.18 | 346.10 |
| 33 14 19 00-0019 | EA | 6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8) | 2,445.18 | 346.10 |
| 33 14 19 00-0020 | EA | 8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8) | 2,543.36 | 442.24 |
| 33 14 19 00-0021 | EA | 8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8) | 2,742.36 | 442.24 |
| 33 14 19 00-0022 | EA | 10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8) | 3,187.97 | 538.38 |
| 33 14 19 00-0023 | EA | 10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8) | 4,308.01 | 538.38 |
| 33 14 19 00-0024 | EA | 12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8) | 3,653.72 | 652.57 |
| 33 14 19 00-0025 | EA | 12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8) | 3,853.72 | 652.57 |
| 33 14 19 00-0026 | EA | 14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12) | 4,885.20 | 904.16 |
| 33 14 19 00-0027 | EA | 14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12) | 5,408.20 | 904.16 |
| 33 14 19 00-0028 | EA | 16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16) | 5,684.22 | 994.57 |
| 33 14 19 00-0029 | EA | 16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20) | 6,326.22 | 994.57 |
| 33 14 19 00-0030 | EA | 18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24) | 7,112.85 | 1,103.08 |
| 33 14 19 00-0031 | EA | 18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24) | 7,792.85 | 1,103.08 |
| 33 14 19 00-0032 | EA | 20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24) | 8,149.02 | 1,243.22 |
| 33 14 19 00-0033 | EA | 20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24) | 8,828.02 | 1,243.22 |
| 33 14 19 00-0034 | | **Lug Type Flanged, Ductile Iron Disc, Butterfly Valves** *(33 14 19 00-0012)* Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin | | |
| 33 14 19 00-0035 | EA | 24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20) | 13,294.21 | 1,525.77 |
| 33 14 19 00-0036 | EA | 24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10) | 20,538.21 | 1,525.77 |
| 33 14 19 00-0037 | EA | 24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20) | 13,253.21 | 1,525.77 |
| 33 14 19 00-0038 | EA | 30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24) | 27,494.00 | 2,421.60 |
| 33 14 19 00-0039 | EA | 36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24) | 32,472.00 | 3,228.81 |
| 33 14 19 00-0040 | EA | 42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32) | 40,955.00 | 4,843.20 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 19 00-0041 | EA | 48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24) | 55,757.51 | 6,054.00 |
| 33 14 19 00-0042 | EA | 54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24) | 88,664.00 | 7,264.80 |
| 33 14 19 00-0043 | EA | 60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36) | 111,153.20 | 8,717.77 |
| 33 14 19 00-0044 | EA | 72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36) | 159,504.65 | 10,461.31 |
| 33 14 19 00-0045 | LF | 3/16" Link, 316 Stainless Steel Chain For Use With Dezurik Chainwheel | 24.48 | |
| 33 14 19 00-0046 | EA | 316 Stainless Steel Closing Link For Use With Dezurik Chainwheel<br>Note: One required per valve. | 10.71 | |
| 33 14 19 00-0047 | | Check Valves *(33 14 19 00-0001)* | | |
| 33 14 19 00-0048 | | Flanged, Swing Type Gravity Operated Check Valves *(33 14 19 00-0047)*<br>Note: AWWA C508. Bronze disc facing. Mueller A-2600-6. | | |
| 33 14 19 00-0049 | EA | 2-1/2" Flanged, Swing Type Gravity Operated Check Valve | 862.89 | 155.04 |
| 33 14 19 00-0050 | EA | 3" Flanged, Swing Type Gravity Operated Check Valve | 895.98 | 181.78 |
| 33 14 19 00-0051 | EA | 4" Flanged, Swing Type Gravity Operated Check Valve | 1,281.28 | 229.89 |
| 33 14 19 00-0052 | EA | 4" x 6" Flanged, Swing Type Gravity Operated Check Valve | 1,723.47 | 345.90 |
| 33 14 19 00-0053 | EA | 4" x 8" Flanged, Swing Type Gravity Operated Check Valve | 1,800.26 | 386.31 |
| 33 14 19 00-0054 | EA | 6" Flanged, Swing Type Gravity Operated Check Valve | 1,723.12 | 384.93 |
| 33 14 19 00-0055 | EA | 6" x 8" Flanged, Swing Type Gravity Operated Check Valve | 2,226.58 | 437.55 |
| 33 14 19 00-0056 | EA | 6" x 10" Flanged, Swing Type Gravity Operated Check Valve | 2,335.80 | 491.86 |
| 33 14 19 00-0057 | EA | 8" Flanged, Swing Type Gravity Operated Check Valve | 2,426.33 | 491.86 |
| 33 14 19 00-0058 | EA | 10" Flanged, Swing Type Gravity Operated Check Valve | 4,005.70 | 598.78 |
| 33 14 19 00-0059 | EA | 12" Flanged, Swing Type Gravity Operated Check Valve | 5,996.89 | 449.09 |
| 33 14 19 00-0060 | EA | 14" Flanged, Swing Type Gravity Operated Check Valve | 8,341.80 | 904.16 |
| 33 14 19 00-0061 | EA | 16" Flanged, Swing Type Gravity Operated Check Valve | 11,017.27 | 994.57 |
| 33 14 19 00-0062 | EA | 18" Flanged, Swing Type Gravity Operated Check Valve | 15,855.30 | 1,103.08 |
| 33 14 19 00-0063 | EA | 20" Flanged, Swing Type Gravity Operated Check Valve | 18,444.29 | 1,243.22 |
| 33 14 19 00-0064 | | Combination Air Release Valves *(33 14 19 00-0001)* | | |
| 33 14 19 00-0065 | EA | 1" Combination Air Release Valve | 461.17 | 22.45 |
| 33 14 19 00-0066 | EA | 2" Combination Air Release Valve | 745.72 | 38.49 |
| 33 14 19 00-0067 | | Corporation Stop And Curb Valve *(33 14 19 00-0001)*<br>Note: AWWA C800 | | |
| 33 14 19 00-0068 | | Ball Corporation Valves *(33 14 19 00-0067)*<br>Note: Mueller B-25000. | | |
| 33 14 19 00-0069 | EA | 3/4" Ball Corporation Valve (Mueller B-25000) | 81.54 | 22.45 |
| 33 14 19 00-0070 | EA | 1" Ball Corporation Valve (Mueller B-25000) | 102.32 | 27.80 |
| 33 14 19 00-0071 | EA | 1-1/2" Ball Corporation Valve (Mueller B-25000) | 181.12 | 40.64 |
| 33 14 19 00-0072 | EA | 2" Ball Corporation Valve (Mueller B-25000) | 269.86 | 48.12 |
| 33 14 19 00-0073 | | Gate Valve, AWWA C500 And C509 *(33 14 19 00-0001)* | | |
| 33 14 19 00-0074 | | Gate Valve, Flanged *(33 14 19 00-0073)*<br>Note: Mueller A-2380-6. | | |
| 33 14 19 00-0075 | EA | 2" Gate Valve, Flanged | 555.36 | 142.53 |
| 33 14 19 00-0076 | EA | 2-1/2" Gate Valve, Flanged | 644.75 | 155.04 |
| 33 14 19 00-0077 | EA | 3" Gate Valve, Flanged | 761.93 | 181.78 |
| 33 14 19 00-0078 | EA | 4" Gate Valve, Flanged | 1,052.71 | 227.75 |
| 33 14 19 00-0079 | EA | 6" Gate Valve, Flanged | 1,281.23 | 384.93 |
| 33 14 19 00-0080 | EA | 8" Gate Valve, Flanged | 1,858.56 | 491.86 |
| 33 14 19 00-0081 | EA | 10" Gate Valve, Flanged | 2,730.98 | 598.78 |
| 33 14 19 00-0082 | EA | 12" Gate Valve, Flanged | 3,291.78 | 449.09 |
| 33 14 19 00-0083 | EA | 14" Gate Valve, Flanged | 6,846.73 | 904.16 |
| 33 14 19 00-0084 | EA | 16" Gate Valve, Flanged | 8,882.19 | 994.57 |
| 33 14 19 00-0085 | EA | 18" Gate Valve, Flanged | 13,882.52 | 1,103.08 |
| 33 14 19 00-0086 | EA | 20" Gate Valve, Flanged | 16,571.17 | 1,243.22 |
| 33 14 19 00-0087 | | Resilient Wedge Gate Valve, Flanged *(33 14 19 00-0073)*<br>Note: Mueller A-2360-6. | | |
| 33 14 19 00-0088 | EA | 2" Resilient Wedge Gate Valve, Flanged | 534.03 | 142.53 |
| 33 14 19 00-0089 | EA | 2-1/2" Resilient Wedge Gate Valve, Flanged | 619.26 | 155.04 |
| 33 14 19 00-0090 | EA | 3" Resilient Wedge Gate Valve, Flanged | 731.68 | 181.78 |
| 33 14 19 00-0091 | EA | 4" Resilient Wedge Gate Valve, Flanged | 1,018.90 | 227.75 |
| 33 14 19 00-0092 | EA | 6" Resilient Wedge Gate Valve, Flanged | 1,236.03 | 384.93 |
| 33 14 19 00-0093 | EA | 8" Resilient Wedge Gate Valve, Flanged | 1,787.95 | 491.86 |
| 33 14 19 00-0094 | EA | 10" Resilient Wedge Gate Valve, Flanged | 2,618.77 | 598.78 |
| 33 14 19 00-0095 | EA | 12" Resilient Wedge Gate Valve, Flanged | 3,156.30 | 449.09 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 14 19 00-0096** | | **Gate Valve, Mechanical Joint** *(33 14 19 00-0073)* | | |
| | | Note: Mueller A-2380-20. | | |
| 33 14 19 00-0097 | EA | 2" Gate Valve, Mechanical Joint | 658.04 | 113.87 |
| 33 14 19 00-0098 | EA | 2-1/2" Gate Valve, Mechanical Joint | 727.15 | 142.74 |
| 33 14 19 00-0099 | EA | 3" Gate Valve, Mechanical Joint | 908.75 | 172.68 |
| 33 14 19 00-0100 | EA | 4" Gate Valve, Mechanical Joint | 1,099.92 | 227.75 |
| 33 14 19 00-0101 | EA | 6" Gate Valve, Mechanical Joint | 1,368.79 | 267.31 |
| 33 14 19 00-0102 | EA | 8" Gate Valve, Mechanical Joint | 1,939.28 | 320.77 |
| 33 14 19 00-0103 | EA | 10" Gate Valve, Mechanical Joint | 2,765.22 | 374.24 |
| 33 14 19 00-0104 | EA | 12" Gate Valve, Mechanical Joint | 3,447.27 | 449.09 |
| 33 14 19 00-0105 | EA | 14" Gate Valve, Mechanical Joint | 7,248.21 | 553.80 |
| 33 14 19 00-0106 | EA | 16" Gate Valve, Mechanical Joint | 9,316.64 | 621.61 |
| 33 14 19 00-0107 | EA | 18" Gate Valve, Mechanical Joint | 14,660.63 | 689.42 |
| 33 14 19 00-0108 | EA | 20" Gate Valve, Mechanical Joint | 17,410.80 | 777.02 |
| **33 14 19 00-0109** | | **Resilient Wedge Gate Valve, Mechanical Joint** *(33 14 19 00-0073)* | | |
| | | Note: Mueller A-2360-20. | | |
| 33 14 19 00-0110 | EA | 2" Resilient Wedge Gate Valve, Mechanical Joint | 633.68 | 113.87 |
| 33 14 19 00-0111 | EA | 3" Resilient Wedge Gate Valve, Mechanical Joint | 876.86 | 172.68 |
| 33 14 19 00-0112 | EA | 4" Resilient Wedge Gate Valve, Mechanical Joint | 1,063.44 | 227.75 |
| 33 14 19 00-0113 | EA | 6" Resilient Wedge Gate Valve, Mechanical Joint | 1,321.58 | 267.31 |
| 33 14 19 00-0114 | EA | 8" Resilient Wedge Gate Valve, Mechanical Joint | 1,865.84 | 320.77 |
| 33 14 19 00-0115 | EA | 10" Resilient Wedge Gate Valve, Mechanical Joint | 2,651.07 | 374.24 |
| 33 14 19 00-0116 | EA | 12" Resilient Wedge Gate Valve, Mechanical Joint | 3,302.96 | 449.09 |
| **33 14 19 00-0117** | | **Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint** *(33 14 19 00-0073)* | | |
| | | Note: Mueller A-2361. | | |
| 33 14 19 00-0118 | EA | 14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint | 7,200.93 | 904.16 |
| 33 14 19 00-0119 | EA | 16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint | 7,829.56 | 994.57 |
| 33 14 19 00-0120 | EA | 18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint | 12,157.77 | 1,103.08 |
| 33 14 19 00-0121 | EA | 20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint | 14,502.72 | 1,243.22 |
| 33 14 19 00-0122 | EA | 24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint | 20,572.01 | 1,525.77 |
| **33 14 19 00-0123** | | **Gate Valve, Threaded, WW-V-51 Class A, Type 1** *(33 14 19 00-0073)* | | |
| | | Note: NIBCO T-113. | | |
| 33 14 19 00-0124 | EA | 1/4" Gate Valve, Bronze, Threaded | 58.55 | 18.70 |
| 33 14 19 00-0125 | EA | 3/8" Gate Valve, Bronze, Threaded | 60.33 | 18.70 |
| 33 14 19 00-0126 | EA | 1/2" Gate Valve, Bronze, Threaded | 59.86 | 18.70 |
| 33 14 19 00-0127 | EA | 3/4" Gate Valve, Bronze, Threaded | 77.16 | 25.25 |
| 33 14 19 00-0128 | EA | 1" Gate Valve, Bronze, Threaded | 95.11 | 30.54 |
| 33 14 19 00-0129 | EA | 1-1/4" Gate Valve, Bronze, Threaded | 129.02 | 38.66 |
| 33 14 19 00-0130 | EA | 1-1/2" Gate Valve, Bronze, Threaded | 149.69 | 44.70 |
| 33 14 19 00-0131 | EA | 2" Gate Valve, Bronze, Threaded | 181.51 | 52.26 |
| 33 14 19 00-0132 | EA | 2-1/2" Gate Valve, Bronze, Threaded | 347.05 | 71.32 |
| 33 14 19 00-0133 | EA | 3" Gate Valve, Bronze, Threaded | 415.72 | 81.80 |
| **33 14 19 00-0134** | | **Globe Valve, AWWA** *(33 14 19 00-0001)* | | |
| **33 14 19 00-0135** | | **Globe Valve, Threaded, WW-V-51 Class B, Type 1** *(33 14 19 00-0134)* | | |
| | | Note: NIBCO T-235. | | |
| 33 14 19 00-0136 | EA | 1/8" Globe Valve, Threaded | 82.37 | 18.70 |
| 33 14 19 00-0137 | EA | 1/4" Globe Valve, Threaded | 78.79 | 18.70 |
| 33 14 19 00-0138 | EA | 3/8" Globe Valve, Threaded | 80.57 | 18.70 |
| 33 14 19 00-0139 | EA | 1/2" Globe Valve, Threaded | 82.37 | 18.70 |
| 33 14 19 00-0140 | EA | 3/4" Globe Valve, Threaded | 111.85 | 25.25 |
| 33 14 19 00-0141 | EA | 1" Globe Valve, Threaded | 156.51 | 30.54 |
| 33 14 19 00-0142 | EA | 1-1/4" Globe Valve, Threaded | 228.26 | 38.66 |
| 33 14 19 00-0143 | EA | 1-1/2" Globe Valve, Threaded | 272.35 | 44.70 |
| 33 14 19 00-0144 | EA | 2" Globe Valve, Threaded | 379.09 | 52.26 |
| 33 14 19 00-0145 | EA | 2-1/2" Globe Valve, Threaded | 693.66 | 71.32 |
| 33 14 19 00-0146 | EA | 3" Globe Valve, Threaded | 948.30 | 82.23 |
| **33 14 19 00-0147** | | **Tapping Valve, AWWA C500 And C509** *(33 14 19 00-0001)* | | |
| **33 14 19 00-0148** | | **Tapping Valve, AWWA C500 And C509** *(33 14 19 00-0147)* | | |
| | | Note: Flanged inlet X mechanical joint, Mueller H-667. | | |
| 33 14 19 00-0149 | EA | 2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 758.70 | 142.53 |
| 33 14 19 00-0150 | EA | 3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 976.79 | 181.78 |
| 33 14 19 00-0151 | EA | 4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 1,260.25 | 227.75 |
| 33 14 19 00-0152 | EA | 6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 1,598.37 | 384.93 |
| 33 14 19 00-0153 | EA | 8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 2,265.30 | 491.86 |
| 33 14 19 00-0154 | EA | 10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 3,225.26 | 598.78 |
| 33 14 19 00-0155 | EA | 12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 4,683.59 | 449.09 |
| 33 14 19 00-0156 | EA | 14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 8,278.34 | 904.16 |
| 33 14 19 00-0157 | EA | 16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 10,398.15 | 994.57 |
| 33 14 19 00-0158 | EA | 18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint | 16,570.56 | 1,103.08 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 14 19 00-0159** | | **Accessories For Valves** *(33 14 19)* | | |
| 33 14 19 00-0160 | EA | 1' Valve Extension Stem | 108.66 | |
| | | *For Each Additional LF, Add* | *7.78* | |
| 33 14 19 00-0161 | EA | Up to 80" Long Indicator Post Telescoping Barrel Assembly<br>Note: Excludes valve. | 1,461.59 | 106.92 |
| 33 14 19 00-0162 | EA | >80" To 114" Long Indicator Post Telescoping Barrel Assembly<br>Note: Excludes valve. | 1,657.21 | 117.62 |
| **33 14 19 00-0163** | | **Utility Box** *(33 14 19)*<br>Note: Christy Concrete Products. | | |
| **33 14 19 00-0164** | | **B3 Utility Box, 9-3/8" x 15-1/2"** *(33 14 19 00-0163)* | | |
| 33 14 19 00-0165 | EA | 9-3/8" x 15-1/2" Precast Concrete Utility Box | 113.47 | 52.94 |
| 33 14 19 00-0166 | EA | Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box | 112.08 | 5.89 |
| 33 14 19 00-0167 | EA | Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box | 47.05 | 5.89 |
| 33 14 19 00-0168 | EA | Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box | 244.30 | 5.89 |
| 33 14 19 00-0169 | EA | 12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box | 67.10 | 11.76 |
| 33 14 19 00-0170 | EA | 3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box | 95.83 | 11.76 |
| **33 14 19 00-0171** | | **B9 Utility Box, 10-1/4" x 17-1/4"** *(33 14 19 00-0163)* | | |
| 33 14 19 00-0172 | EA | 10-1/4" x 17-1/4" Precast Concrete Utility Box | 138.01 | 70.58 |
| 33 14 19 00-0173 | EA | Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box | 131.33 | 7.05 |
| 33 14 19 00-0174 | EA | Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box | 52.29 | 7.05 |
| 33 14 19 00-0175 | EA | Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box | 256.26 | 5.89 |
| 33 14 19 00-0176 | EA | 13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box | 75.00 | 11.76 |
| 33 14 19 00-0177 | EA | 5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box | 100.67 | 17.65 |
| 33 14 19 00-0178 | EA | 12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box | 120.62 | 32.35 |
| **33 14 19 00-0179** | | **B12 Utility Box, 12" x 20"** *(33 14 19 00-0163)* | | |
| 33 14 19 00-0180 | EA | 12" x 20" Precast Concrete Utility Box | 151.65 | 76.46 |
| 33 14 19 00-0181 | EA | Cast Iron Lid For 12" x 20" Utility Box | 236.01 | 8.82 |
| 33 14 19 00-0182 | EA | Reinforced Concrete Lid For 12" x 20" Utility Box | 70.39 | 11.76 |
| 33 14 19 00-0183 | EA | Steel Checkered Plate Cover For 12" x 20" Utility Box | 345.12 | 11.76 |
| 33 14 19 00-0184 | EA | 12" High Reinforced Concrete Extension For 12" x 20" Utility Box | 157.16 | 41.17 |
| **33 14 19 00-0185** | | **B16 Utility Box, 12" x 22-1/4"** *(33 14 19 00-0163)* | | |
| 33 14 19 00-0186 | EA | 12" x 22-1/4" Precast Concrete Utility Box | 174.64 | 89.40 |
| 33 14 19 00-0187 | EA | Cast Iron Lid For 12" x 22-1/4" Utility Box | 266.88 | 11.76 |
| 33 14 19 00-0188 | EA | Reinforced Concrete Lid For 12" x 22-1/4" Utility Box | 86.68 | 11.76 |
| 33 14 19 00-0189 | EA | Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box | 347.06 | 11.76 |
| 33 14 19 00-0190 | EA | 16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box | 122.12 | 20.00 |
| 33 14 19 00-0191 | EA | 12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box | 159.86 | 41.17 |
| **33 14 19 00-0192** | | **B30 Utility Box, 13-1/4" x 24"** *(33 14 19 00-0163)* | | |
| 33 14 19 00-0193 | EA | 13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX) | 210.28 | 105.87 |
| 33 14 19 00-0194 | EA | Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D) | 117.09 | 18.83 |
| 33 14 19 00-0195 | EA | Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G) | 429.15 | 15.29 |
| 33 14 19 00-0196 | EA | 16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL) | 122.12 | 20.00 |
| 33 14 19 00-0197 | EA | 5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA) | 187.34 | 32.94 |
| 33 14 19 00-0198 | EA | 6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6) | 145.92 | 22.35 |
| 33 14 19 00-0199 | EA | 12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12) | 207.09 | 52.94 |
| **33 14 19 00-0200** | | **B36 Utility Box, 17-1/4" x 30"** *(33 14 19 00-0163)* | | |
| 33 14 19 00-0201 | EA | 17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX) | 274.57 | 134.10 |
| 33 14 19 00-0202 | EA | Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D) | 190.99 | 32.35 |
| 33 14 19 00-0203 | EA | Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D) | 538.31 | 22.35 |
| 33 14 19 00-0204 | EA | 20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL) | 173.58 | 42.35 |
| 33 14 19 00-0205 | EA | 6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA) | 290.98 | 47.05 |
| 33 14 19 00-0206 | EA | 12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12) | 276.23 | 68.23 |
| **33 14 19 00-0207** | | **B40 Utility Box, 24-1/2" x 36"** *(33 14 19 00-0163)* | | |
| 33 14 19 00-0208 | EA | 24-1/2" x 36" Precast Concrete Utility Box | 564.13 | 207.04 |
| 33 14 19 00-0209 | EA | Reinforced Concrete Lid For 24-1/2" x 36" Utility Box | 521.41 | 77.64 |
| 33 14 19 00-0210 | EA | Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box | 764.88 | 34.11 |
| 33 14 19 00-0211 | EA | 30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box | 427.39 | 72.94 |
| 33 14 19 00-0212 | EA | 10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box | 453.35 | 76.46 |
| **33 14 19 00-0213** | | **B48 Utility Box, 30-1/4" x 48-1/4"** *(33 14 19 00-0163)* | | |
| 33 14 19 00-0214 | EA | 30-1/4" x 48-1/4" Precast Concrete Utility Box | 716.22 | 235.27 |
| 33 14 19 00-0215 | EA | 1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box | 721.11 | 128.22 |
| 33 14 19 00-0216 | EA | 2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box | 905.47 | 128.22 |
| 33 14 19 00-0217 | EA | 2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box | 1,211.45 | 58.82 |
| 33 14 19 00-0218 | EA | 36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box | 627.04 | 158.81 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 19 00-0219 | EA | 10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box | 561.73 | 107.05 |
| 33 14 19 00-0220 | | **Fire Hydrants** *(33 14 19)*<br>Note: Breakaway type. | | |
| 33 14 19 00-0221 | | **Three Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0220)*<br>Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant). | | |
| 33 14 19 00-0222 | EA | 1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,550.10 | 269.19 |
| 33 14 19 00-0223 | EA | 2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,616.61 | 269.19 |
| 33 14 19 00-0224 | EA | 2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,683.29 | 269.19 |
| 33 14 19 00-0225 | EA | 3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,768.87 | 288.41 |
| 33 14 19 00-0226 | EA | 3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,835.45 | 288.41 |
| 33 14 19 00-0227 | EA | 4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,926.13 | 312.45 |
| 33 14 19 00-0228 | EA | 4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,992.60 | 312.45 |
| 33 14 19 00-0229 | EA | 5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,083.29 | 336.48 |
| 33 14 19 00-0230 | EA | 5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,149.86 | 336.48 |
| 33 14 19 00-0231 | EA | 6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,240.37 | 360.52 |
| 33 14 19 00-0232 | EA | 6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,330.95 | 384.55 |
| 33 14 19 00-0233 | EA | 7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,445.47 | 432.62 |
| 33 14 19 00-0234 | EA | 1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,610.80 | 269.19 |
| 33 14 19 00-0235 | EA | 2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,697.11 | 269.19 |
| 33 14 19 00-0236 | EA | 2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,783.21 | 269.19 |
| 33 14 19 00-0237 | EA | 3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,888.53 | 288.41 |
| 33 14 19 00-0238 | EA | 3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 3,974.63 | 288.41 |
| 33 14 19 00-0239 | EA | 4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,085.09 | 312.45 |
| 33 14 19 00-0240 | EA | 4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,171.08 | 312.45 |
| 33 14 19 00-0241 | EA | 5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,281.30 | 336.48 |
| 33 14 19 00-0242 | EA | 5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,367.38 | 336.48 |
| 33 14 19 00-0243 | EA | 6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,477.37 | 360.52 |
| 33 14 19 00-0244 | EA | 6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,587.71 | 384.55 |
| 33 14 19 00-0245 | EA | 7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant | 4,721.73 | 432.62 |
| 33 14 19 00-0246 | | **Two Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0220)*<br>Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant). | | |
| 33 14 19 00-0247 | EA | 1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,185.02 | 269.19 |
| 33 14 19 00-0248 | EA | 2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,251.30 | 269.19 |
| 33 14 19 00-0249 | EA | 2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,317.96 | 269.19 |
| 33 14 19 00-0250 | EA | 3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,403.82 | 288.41 |
| 33 14 19 00-0251 | EA | 3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,470.18 | 288.41 |
| 33 14 19 00-0252 | EA | 4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,560.71 | 312.45 |
| 33 14 19 00-0253 | EA | 4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,627.28 | 312.45 |
| 33 14 19 00-0254 | EA | 5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,718.03 | 336.48 |
| 33 14 19 00-0255 | EA | 5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,784.46 | 336.48 |
| 33 14 19 00-0256 | EA | 6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,875.33 | 360.52 |
| 33 14 19 00-0257 | EA | 6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,965.49 | 384.55 |
| 33 14 19 00-0258 | EA | 7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 4,080.15 | 432.62 |
| 33 14 19 00-0259 | EA | 1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,278.78 | 269.19 |
| 33 14 19 00-0260 | EA | 2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,364.90 | 269.19 |
| 33 14 19 00-0261 | EA | 2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,450.89 | 269.19 |
| 33 14 19 00-0262 | EA | 3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,556.43 | 288.41 |
| 33 14 19 00-0263 | EA | 3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,642.31 | 288.41 |
| 33 14 19 00-0264 | EA | 4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,752.62 | 312.45 |
| 33 14 19 00-0265 | EA | 4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,838.55 | 312.45 |
| 33 14 19 00-0266 | EA | 5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 3,949.05 | 336.48 |
| 33 14 19 00-0267 | EA | 5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 4,034.93 | 336.48 |
| 33 14 19 00-0268 | EA | 6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 4,145.22 | 360.52 |
| 33 14 19 00-0269 | EA | 6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 4,255.14 | 384.55 |
| 33 14 19 00-0270 | EA | 7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant | 4,389.63 | 432.62 |
| 33 14 19 00-0271 | | **Three Way, Modern Model Fire Hydrant** *(33 14 19 00-0220)*<br>Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant). | | |
| 33 14 19 00-0272 | EA | 1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant | 3,705.32 | 269.19 |
| 33 14 19 00-0273 | EA | 2' Burial Section, Three Way, Modern Type Fire Hydrant | 3,791.31 | 269.19 |
| 33 14 19 00-0274 | EA | 2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant | 3,877.56 | 269.19 |
| 33 14 19 00-0275 | EA | 3' Burial Section, Three Way, Modern Type Fire Hydrant | 3,982.93 | 288.41 |
| 33 14 19 00-0276 | EA | 3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant | 4,068.98 | 288.41 |
| 33 14 19 00-0277 | EA | 4' Burial Section, Three Way, Modern Type Fire Hydrant | 4,179.12 | 312.45 |
| 33 14 19 00-0278 | EA | 4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant | 4,265.29 | 312.45 |
| 33 14 19 00-0279 | EA | 5' Burial Section, Three Way, Modern Type Fire Hydrant | 4,375.44 | 336.48 |
| 33 14 19 00-0280 | EA | 5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant | 4,461.52 | 336.48 |
| 33 14 19 00-0281 | EA | 6' Burial Section, Three Way, Modern Type Fire Hydrant | 4,571.66 | 336.48 |
| 33 14 19 00-0282 | EA | 6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant | 4,682.05 | 384.55 |
| 33 14 19 00-0283 | EA | 7' Burial Section, Three Way, Modern Type Fire Hydrant | 4,815.17 | 384.55 |
| 33 14 19 00-0284 | | **Two Way, Modern Model Fire Hydrant** *(33 14 19 00-0220)*<br>Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant). | | |
| 33 14 19 00-0285 | EA | 1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant | 2,627.06 | 269.19 |
| 33 14 19 00-0286 | EA | 2' Burial Section, Two Way, Modern Type Fire Hydrant | 2,692.50 | 269.19 |
| 33 14 19 00-0287 | EA | 2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant | 2,758.67 | 269.19 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 19 00-0288 | EA | 3' Burial Section, Two Way, Modern Type Fire Hydrant | 2,842.56 | 288.41 |
| 33 14 19 00-0289 | EA | 3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant | 2,907.98 | 288.41 |
| 33 14 19 00-0290 | EA | 4' Burial Section, Two Way, Modern Type Fire Hydrant | 2,997.44 | 312.45 |
| 33 14 19 00-0291 | EA | 4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant | 3,062.84 | 312.45 |
| 33 14 19 00-0292 | EA | 5' Burial Section, Two Way, Modern Type Fire Hydrant | 3,152.37 | 336.48 |
| 33 14 19 00-0293 | EA | 5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant | 3,217.60 | 336.48 |
| 33 14 19 00-0294 | EA | 6' Burial Section, Two Way, Modern Type Fire Hydrant | 3,307.08 | 360.52 |
| 33 14 19 00-0295 | EA | 6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant | 3,396.62 | 384.55 |
| 33 14 19 00-0296 | EA | 7' Burial Section, Two Way, Modern Type Fire Hydrant | 3,509.30 | 432.62 |
| 33 14 19 00-0297 | | Fire Hydrant Extension Kits *(33 14 19 00-0220)* | | |
| 33 14 19 00-0298 | EA | 6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 543.34 | 24.03 |
| 33 14 19 00-0299 | EA | 12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 644.92 | 30.04 |
| 33 14 19 00-0300 | EA | 18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 701.98 | 36.06 |
| 33 14 19 00-0301 | EA | 24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 796.35 | 44.47 |
| 33 14 19 00-0302 | EA | 30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 1,211.79 | 46.27 |
| 33 14 19 00-0303 | EA | 36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 1,294.86 | 48.07 |
| 33 14 19 00-0304 | EA | 42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 1,313.81 | 50.47 |
| 33 14 19 00-0305 | EA | 48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 1,387.32 | 54.08 |
| 33 14 19 00-0306 | EA | 54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 1,527.15 | 64.90 |
| 33 14 19 00-0307 | EA | 60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit | 1,607.31 | 78.11 |
| 33 14 19 00-0308 | EA | 6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 604.56 | 26.92 |
| 33 14 19 00-0309 | EA | 12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 715.07 | 32.69 |
| 33 14 19 00-0310 | EA | 18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 819.84 | 39.41 |
| 33 14 19 00-0311 | EA | 24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 914.43 | 49.03 |
| 33 14 19 00-0312 | EA | 30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 1,259.25 | 50.96 |
| 33 14 19 00-0313 | EA | 36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 1,343.34 | 52.87 |
| 33 14 19 00-0314 | EA | 42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 1,400.64 | 55.76 |
| 33 14 19 00-0315 | EA | 48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 1,640.64 | 59.60 |
| 33 14 19 00-0316 | EA | 54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 1,795.37 | 71.14 |
| 33 14 19 00-0317 | EA | 60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit | 1,881.60 | 85.57 |
| 33 14 19 00-0318 | | Removal And Reinstallation Of Standard Fire Hydrant *(33 14 19 00-0220)*<br>Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant. | | |
| 33 14 19 00-0319 | EA | Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant | 769.11 | |
| 33 14 19 00-0320 | EA | >5' Burial Section, Removal And Reinstallation Of Fire Hydrant | 1,121.61 | |
| 33 14 19 00-0321 | EA | Reset Fire Hydrant Upper Barrel<br>Note: Includes Safety Repair Kit | 990.73 | |
| 33 14 19 00-0322 | | Yard Hydrants *(33 14 19)*<br>Note: With 3/4" hose thread outlet. | | |
| 33 14 19 00-0323 | EA | 2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet | 357.51 | 34.84 |
| 33 14 19 00-0324 | EA | 4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet | 384.02 | 34.84 |
| 33 14 19 00-0325 | EA | 6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet | 410.53 | 34.84 |
| 33 14 19 00-0326 | EA | 2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet | 302.76 | 44.12 |
| 33 14 19 00-0327 | EA | 4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet | 316.20 | 44.12 |
| 33 14 19 00-0328 | EA | 6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet | 329.64 | 44.12 |
| 33 14 19 00-0329 | | Sanitary Yard Hydrants *(33 14 19)*<br>Note: With 3/4" hose thread outlet. | | |
| 33 14 19 00-0330 | EA | 2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet | 1,611.81 | 72.58 |
| 33 14 19 00-0331 | EA | 4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet | 1,694.64 | 72.58 |
| 33 14 19 00-0332 | EA | 6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet | 1,777.48 | 72.58 |
| 33 14 19 00-0333 | | Flushing Hydrants *(33 14 19)* | | |
| 33 14 19 00-0334 | EA | 2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth | 770.19 | 44.70 |
| **33 14 23** | | **Enclosures for Water Utility Piping and Valves** *(33 14)*<br>See CSI section 22 11 19 00-0376 for Enclosures. | | |
| 33 14 23 00-0001 | | Roadway Or Curb Valve Boxes *(33 14 23)*<br>See CSI section 22 05 19 00-0000 for metering. | | |
| 33 14 23 00-0002 | | Round Head, Cast Iron Service, Roadway Or Valve Boxes *(33 14 23 00-0001)* | | |
| 33 14 23 00-0003 | EA | 36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box<br>Note: Includes cover, top section and bottom section. | 270.12 | 14.11 |
| 33 14 23 00-0004 | EA | 36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box<br>Note: Includes cover, top section and bottom section. | 315.48 | 14.11 |
| 33 14 23 00-0005 | EA | 42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box<br>Note: Includes cover, top section and bottom section. | 317.57 | 14.11 |
| 33 14 23 00-0006 | EA | 9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box | 79.14 | 7.06 |
| 33 14 23 00-0007 | EA | 16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box | 91.15 | 7.06 |
| 33 14 23 00-0008 | EA | 24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box | 109.22 | 7.06 |
| 33 14 23 00-0009 | EA | 36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box<br>Note: Includes cover, top section and bottom section. | 409.98 | 17.64 |
| 33 14 23 00-0010 | EA | 45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box<br>Note: Includes cover, top section, bottom section and #6 round base. | 714.38 | 24.70 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 14 23 00-0011 | EA | 45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box<br>Note: Includes cover, top section, bottom section and #6 round base. | 798.99 | 24.70 |
| 33 14 23 00-0012 | EA | 24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box<br>Note: Includes cover, top section and bottom section. | 426.76 | 17.64 |
| 33 14 23 00-0013 | EA | 36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box<br>Note: Includes cover, top section and bottom section. | 446.98 | 17.64 |
| 33 14 23 00-0014 | EA | 24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box<br>Note: Includes cover, top section and bottom section. | 431.53 | 17.64 |
| 33 14 23 00-0015 | EA | 12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box | 155.92 | 7.06 |
| 33 14 23 00-0016 | EA | 18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes | 257.05 | 29.03 |
| 33 14 23 00-0017 | EA | 22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes | 266.23 | 30.19 |
| 33 14 23 00-0018 | EA | 30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes | 296.52 | 31.35 |
| 33 14 23 00-0019 | EA | 36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box | 412.85 | 33.10 |
| 33 14 23 00-0020 | EA | 48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes | 499.49 | 34.84 |
| 33 14 23 00-0021 | EA | 18" Cast Iron Service Box Extension Section | 118.14 | |
| 33 14 23 00-0022 | | Plastic Roadway Grade Water Meter Box And Cover *(33 14 23 00-0001)* | | |
| 33 14 23 00-0023 | EA | 12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover | 270.81 | 40.64 |
| 33 14 23 00-0024 | EA | 9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover | 203.23 | 29.03 |
| 33 14 23 00-0025 | EA | Cast Iron Lid For Plastic Meter Box | 59.76 | |
| 33 14 23 00-0026 | | Traffic Valve Box And Lid *(33 14 23 00-0001)* | | |
| 33 14 23 00-0027 | EA | 10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5) | 200.91 | |
| 33 14 23 00-0028 | EA | 14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12) | 637.37 | |
| 33 14 23 00-0029 | | No Arch, ABS Plastic Water Valve Box With Cast Iron Lid *(33 14 23 00-0001)* | | |
| 33 14 23 00-0030 | EA | 29" To 42", 4", No Arch, ABS Plastic Water Valve Box With Cast Iron Lid (Handley C Model Multi Box) | 105.86 | 14.11 |
| 33 14 23 00-0031 | EA | 41" To 66", 4", No Arch, ABS Plastic Water Valve Box With Cast Iron Lid (Handley C Model Multi Box) | 116.93 | 14.11 |

## 33 16 Water Utility Storage Tanks *(33 10)*

### 33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

## 33 19 Water Utility Metering Equipment *(33 10)*

### 33 19 11 Water Utility Metering *(33 19)*

33 19 11 00-0001 Water Utility Metering *(33 19 11)*

| | | | | |
|---|---|---|---|---|
| 33 19 11 00-0002 | EA | 3/4" Diameter Meter, SENSUS PMM With REMOTE REGISTER And PAD | 331.21 | 69.67 |
| 33 19 11 00-0003 | EA | Meter, 3/4IN. SENSUS PMM 7766596030002 | 151.15 | 69.67 |
| 33 19 11 00-0004 | EA | 1" Diameter Meter, SENSUS PMM With TRPL 7760896470901A | 465.24 | 92.89 |
| 33 19 11 00-0005 | EA | Meter, 1IN. SENSUS PMM 7760896030002 | 255.16 | 92.89 |
| 33 19 11 00-0006 | EA | 1-1/2" Diameter Meter, SENSUS PMM With TRPL | 912.57 | 144.35 |
| 33 19 11 00-0007 | EA | Meter, 1.5IN. SENSUS PMM 7761090030002, FLANGED | 541.76 | 144.35 |
| 33 19 11 00-0008 | EA | Meter, 2IN NEPTUNE T-10 BY-PASS FOR PROTECTUS FIRE METER | 1,194.70 | 179.63 |
| 33 19 11 00-0009 | EA | Meter, 2IN.SENSUS W-160 TURBO 5191290030004 | 1,132.51 | 179.63 |
| 33 19 11 00-0010 | EA | 2" Diameter Meter, SENSUS W160 TURBO With STRAINER 5191290030022 | 1,293.83 | 179.63 |
| 33 19 11 00-0011 | EA | Meter, 2IN. SENSUS PMM 7761290030002 FLANGED | 777.24 | 195.07 |
| 33 19 11 00-0012 | EA | 2" Diameter Meter, PRECISION PMX200 With REMOTE READER | 758.96 | 195.07 |
| 33 19 11 00-0013 | EA | 2" Diameter x 15-1/4" Long Meter, PRECISION With SPECIAL FLANGE | 769.86 | 195.07 |
| 33 19 11 00-0014 | EA | Meter, 2IN.X17IN. PRECISION 17IN. LONG X90BFI | 733.71 | 195.07 |
| 33 19 11 00-0015 | EA | Meter, 3IN. PRECISION COMPOUND NO REG TYPE EXCEPT FOR REMOTE | 2,619.49 | 298.32 |
| 33 19 11 00-0016 | EA | 3" Diameter Meter, SENSUS SRH COMPOUND With TRPL 5731490570903A PEP 100CUFT | 3,335.57 | 298.32 |
| 33 19 11 00-0017 | EA | Meter, 3IN. SENSUS OMNI C2 COMPOUND , P/N C3 100CUFT | 2,944.23 | 298.32 |
| 33 19 11 00-0018 | EA | 3" Diameter Meter, SENSUS TURBO W350-DRS With STRAINER And TOUCH READ | 2,175.35 | 298.32 |
| 33 19 11 00-0019 | EA | Meter, 3IN. PRECISION TURBO | 1,598.53 | 298.32 |
| 33 19 11 00-0020 | EA | 4" Diameter Meter, BADGER TURBO B81-NS With TOUCH READ | 2,688.99 | 413.80 |
| 33 19 11 00-0021 | EA | Meter, 4in. PRECISION COMPOUND | 3,988.63 | 413.80 |
| 33 19 11 00-0022 | EA | Meter, 4IN. SENSUS OMNI C2 COMPOUND, P/N C4 100CUFT | 4,939.76 | 413.80 |
| 33 19 11 00-0023 | EA | 4" Diameter Meter, SENSUS SRH COMPOUND METER With TRPL 5731690570903B 100CUFT PEP | 4,179.30 | 413.80 |
| 33 19 11 00-0024 | EA | 4" Diameter Meter, SENSUS TURBO W1000S With STRAINER 5191690030021 DR CUFT | 3,772.87 | 413.80 |
| 33 19 11 00-0025 | EA | 6" Diameter Meter, SENSUS SRH COMPOUND With TRPL 5731890570903B 100CUFT PEP | 5,883.53 | 610.76 |

### 33 19 13 Positive Displacement Water Meters *(33 19)*

#### 33 19 13 23 Nutating Disc Water Meters *(33 19 13)*

33 19 13 23-0001 Bronze Disk Type Water Service Meters *(33 19 13 23)*

| | | | | |
|---|---|---|---|---|
| 33 19 13 23-0002 | EA | 5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter | 307.59 | 60.38 |
| 33 19 13 23-0003 | EA | 3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter | 386.67 | 71.99 |
| 33 19 13 23-0004 | EA | 1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter | 519.43 | 82.44 |
| 33 19 13 23-0005 | EA | 1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter | 1,011.03 | 123.08 |
| 33 19 13 23-0006 | EA | 2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter | 1,369.98 | 160.24 |

### 33 19 16 Velocity-Type Water Meters *(33 19)*

#### 33 19 16 23 Turbine Water Meters *(33 19 16)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 19 16 23-0001 | | Flanged Turbine Water Service Meter *(33 19 16 23)* | | |
| 33 19 16 23-0002 | | Vertical Turbine Meters *(33 19 16 23-0001)* | | |
| 33 19 16 23-0003 | EA | 1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged | 627.06 | 112.27 |
| 33 19 16 23-0004 | EA | 2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged | 871.50 | 142.53 |
| 33 19 16 23-0005 | EA | 3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged | 1,454.09 | 181.78 |
| 33 19 16 23-0006 | EA | 4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged | 2,244.13 | 344.30 |
| 33 19 16 23-0007 | EA | 6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged | 4,109.32 | 384.93 |
| 33 19 16 23-0008 | | Horizontal Turbine Meters *(33 19 16 23-0001)* | | |
| 33 19 16 23-0009 | EA | 1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged | 951.31 | 112.27 |
| 33 19 16 23-0010 | EA | 2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged | 1,334.40 | 142.53 |
| 33 19 16 23-0011 | EA | 3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged | 1,639.68 | 181.78 |
| 33 19 16 23-0012 | EA | 4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged | 2,489.45 | 344.30 |
| 33 19 16 23-0013 | EA | 6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged | 5,003.13 | 384.93 |
| 33 19 16 23-0014 | EA | 8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged | 6,692.75 | 491.86 |
| 33 19 16 23-0015 | EA | 10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged | 9,353.80 | 598.78 |
| 33 19 16 23-0016 | EA | 12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged | 12,051.06 | 1,208.26 |
| **33 19 19** | | **Compound Water Meters** *(33 19)* | | |
| 33 19 19 00-0001 | | Flanged Compound Type Water Service Meter *(33 19 19)* | | |
| 33 19 19 00-0002 | EA | 2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter | 2,445.80 | 142.53 |
| 33 19 19 00-0003 | EA | 3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter | 2,857.74 | 181.78 |
| 33 19 19 00-0004 | EA | 4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter | 4,801.84 | 344.30 |
| 33 19 19 00-0005 | EA | 6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter | 6,611.56 | 384.93 |
| 33 19 19 00-0006 | EA | 8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter | 13,623.52 | 491.86 |
| 33 19 19 00-0007 | EA | 10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter | 23,360.39 | 598.78 |
| **33 19 23** | | **Magnetic Water Meters** *(33 19)* | | |
| 33 19 23 00-0001 | | Flanged Electromagnetic Flow (EMF) Water Meter *(33 19 23)* | | |
| 33 19 23 00-0002 | EA | 2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG) | 7,642.26 | 142.53 |
| 33 19 23 00-0003 | EA | 3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG) | 10,565.72 | 181.78 |
| 33 19 23 00-0004 | EA | 4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG) | 12,128.27 | 344.30 |

# 33 30 Sanitary Sewerage Utilities *(33)*

## 33 31 Sanitary Sewerage Piping *(33 30)*

### 33 31 11 Public Sanitary Sewerage Gravity Piping *(33 31)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

| | | | | |
|---|---|---|---|---|
| 33 31 11 00-0001 | | Plastic Sewer And Drain Piping *(33 31 11)* | | |
| 33 31 11 00-0002 | | Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)* | | |
| 33 31 11 00-0003 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 8.39 | 3.40 |
| 33 31 11 00-0004 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 10.18 | 4.00 |
| 33 31 11 00-0005 | LF | 3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 14.17 | 4.85 |
| 33 31 11 00-0006 | LF | 4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 17.75 | 5.66 |
| 33 31 11 00-0007 | LF | 6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 24.40 | 6.58 |
| 33 31 11 00-0008 | LF | 8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 32.81 | 7.66 |
| 33 31 11 00-0009 | LF | 10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 45.04 | 7.93 |
| 33 31 11 00-0010 | LF | 12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 59.35 | 8.21 |
| 33 31 11 00-0011 | | Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)* Note: D-2729 PVC pipe. | | |
| 33 31 11 00-0012 | LF | 3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 10.75 | 4.85 |
| 33 31 11 00-0013 | LF | 4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 12.63 | 5.66 |
| 33 31 11 00-0014 | LF | 6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe | 15.75 | 6.58 |
| 33 31 11 00-0015 | | Polyvinyl Chloride (PVC) Sewer And Drain Fittings *(33 31 11 00-0001)* | | |
| 33 31 11 00-0016 | | 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)* | | |
| 33 31 11 00-0017 | EA | 1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 24.56 | 12.62 |
| 33 31 11 00-0018 | EA | 2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 31.58 | 16.31 |
| 33 31 11 00-0019 | EA | 3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 55.13 | 21.91 |
| 33 31 11 00-0020 | EA | 4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 85.07 | 25.33 |
| 33 31 11 00-0021 | EA | 6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 336.21 | 32.92 |
| 33 31 11 00-0022 | EA | 8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 557.67 | 44.30 |
| 33 31 11 00-0023 | EA | 10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 736.23 | 58.99 |
| 33 31 11 00-0024 | | 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)* | | |
| 33 31 11 00-0025 | EA | 1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 25.86 | 12.62 |
| 33 31 11 00-0026 | EA | 2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 31.47 | 16.31 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 31 11 00-0027 | EA | 3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 53.18 | 21.91 |
| 33 31 11 00-0028 | EA | 4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 75.54 | 25.33 |
| 33 31 11 00-0029 | EA | 6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 311.94 | 32.92 |
| 33 31 11 00-0030 | EA | 8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 501.26 | 44.30 |
| 33 31 11 00-0031 | EA | 10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 570.29 | 58.99 |
| 33 31 11 00-0032 | EA | 12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 847.25 | 78.57 |
| **33 31 11 00-0033** | | **Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0034 | EA | 1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 40.14 | 12.43 |
| 33 31 11 00-0035 | EA | 2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 40.68 | 16.31 |
| 33 31 11 00-0036 | EA | 3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 79.27 | 22.39 |
| 33 31 11 00-0037 | EA | 4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 130.96 | 27.32 |
| 33 31 11 00-0038 | EA | 6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 251.24 | 31.59 |
| 33 31 11 00-0039 | EA | 8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 436.43 | 36.04 |
| 33 31 11 00-0040 | EA | 10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 708.83 | 42.01 |
| 33 31 11 00-0041 | EA | 12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 1,068.21 | 48.98 |
| **33 31 11 00-0042** | | **1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0043 | EA | 1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 28.64 | 12.62 |
| 33 31 11 00-0044 | EA | 2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 34.29 | 16.31 |
| 33 31 11 00-0045 | EA | 3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 61.29 | 21.91 |
| 33 31 11 00-0046 | EA | 4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 90.58 | 25.33 |
| 33 31 11 00-0047 | EA | 6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 416.95 | 32.92 |
| 33 31 11 00-0048 | EA | 8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 675.20 | 44.30 |
| 33 31 11 00-0049 | EA | 10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 762.98 | 58.99 |
| 33 31 11 00-0050 | EA | 12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 783.02 | 78.57 |
| **33 31 11 00-0051** | | **Reducers, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0052 | EA | 2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 32.90 | 14.39 |
| 33 31 11 00-0053 | EA | 3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 61.76 | 17.18 |
| 33 31 11 00-0054 | EA | 3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 58.57 | 18.95 |
| 33 31 11 00-0055 | EA | 4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 90.70 | 20.71 |
| 33 31 11 00-0056 | EA | 4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 97.59 | 23.50 |
| 33 31 11 00-0057 | EA | 6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 296.46 | 29.09 |
| 33 31 11 00-0058 | EA | 8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 628.59 | 38.57 |
| 33 31 11 00-0059 | EA | 10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 159.94 | 42.12 |
| 33 31 11 00-0060 | EA | 10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 219.84 | 45.94 |
| 33 31 11 00-0061 | EA | 10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 206.90 | 51.59 |
| 33 31 11 00-0062 | EA | 12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 654.52 | 55.76 |
| 33 31 11 00-0063 | EA | 12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 691.50 | 61.42 |
| 33 31 11 00-0064 | EA | 12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain | 732.54 | 68.78 |
| **33 31 11 00-0065** | | **Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0066 | EA | 1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain | 38.65 | 19.07 |
| 33 31 11 00-0067 | EA | 2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain | 51.33 | 24.66 |
| 33 31 11 00-0068 | EA | 3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain | 87.19 | 32.53 |
| 33 31 11 00-0069 | EA | 4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain | 133.71 | 40.41 |
| 33 31 11 00-0070 | EA | 6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain | 491.80 | 44.30 |
| 33 31 11 00-0071 | EA | 8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain | 638.46 | 58.99 |
| **33 31 11 00-0072** | | **Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0073 | EA | 1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 48.71 | 19.07 |
| 33 31 11 00-0074 | EA | 2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 57.19 | 24.66 |
| 33 31 11 00-0075 | EA | 3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 94.67 | 32.53 |
| 33 31 11 00-0076 | EA | 4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 145.95 | 40.41 |
| 33 31 11 00-0077 | EA | 6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 445.86 | 44.30 |
| 33 31 11 00-0078 | EA | 8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 551.20 | 58.99 |
| 33 31 11 00-0079 | EA | 10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 725.14 | 78.72 |
| 33 31 11 00-0080 | EA | 12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 1,143.64 | 105.06 |
| **33 31 11 00-0081** | | **Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0082 | EA | 2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 64.53 | 19.07 |
| 33 31 11 00-0083 | EA | 2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 72.58 | 24.66 |
| 33 31 11 00-0084 | EA | 3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 84.27 | 32.53 |
| 33 31 11 00-0085 | EA | 4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 129.15 | 40.41 |
| 33 31 11 00-0086 | EA | 4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 140.64 | 40.41 |
| **33 31 11 00-0087** | | **Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0088 | EA | 1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 79.84 | 24.66 |
| 33 31 11 00-0089 | EA | 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 103.99 | 32.53 |
| 33 31 11 00-0090 | EA | 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 208.31 | 43.92 |
| 33 31 11 00-0091 | EA | 4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 368.55 | 53.12 |
| 33 31 11 00-0092 | EA | 2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 99.22 | 32.53 |
| 33 31 11 00-0093 | EA | 3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 171.90 | 43.92 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 31 11 00-0094 | EA | 4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain | 308.41 | 53.12 |
| **33 31 11 00-0095** | | **Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0096 | EA | 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 61.28 | 19.07 |
| 33 31 11 00-0097 | EA | 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 76.80 | 24.66 |
| 33 31 11 00-0098 | EA | 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 153.61 | 32.53 |
| 33 31 11 00-0099 | EA | 4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 278.13 | 40.41 |
| 33 31 11 00-0100 | EA | 2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 119.49 | 24.66 |
| 33 31 11 00-0101 | EA | 3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 192.28 | 32.53 |
| 33 31 11 00-0102 | EA | 3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 138.49 | 32.53 |
| 33 31 11 00-0103 | EA | 4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 260.01 | 40.41 |
| 33 31 11 00-0104 | EA | 4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 276.59 | 40.41 |
| **33 31 11 00-0105** | | **Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0106 | EA | 1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 89.59 | 24.66 |
| 33 31 11 00-0107 | EA | 2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 105.07 | 32.53 |
| 33 31 11 00-0108 | EA | 3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 163.56 | 43.92 |
| 33 31 11 00-0109 | EA | 4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 594.56 | 53.12 |
| 33 31 11 00-0110 | EA | 6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain | 1,957.46 | 58.81 |
| **33 31 11 00-0111** | | **Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0112 | EA | 4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain | 464.85 | 97.42 |
| 33 31 11 00-0113 | EA | 6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain | 1,114.56 | 125.69 |
| 33 31 11 00-0114 | EA | 8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain | 1,418.72 | 177.11 |
| 33 31 11 00-0115 | EA | 10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain | 1,956.66 | 284.90 |
| **33 31 11 00-0116** | | **Couplings, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0117 | EA | 1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain | 23.88 | 12.62 |
| 33 31 11 00-0118 | EA | 2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain | 29.81 | 16.22 |
| 33 31 11 00-0119 | EA | 3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain | 46.75 | 21.72 |
| 33 31 11 00-0120 | EA | 4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain | 61.15 | 25.33 |
| 33 31 11 00-0121 | EA | 6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain | 177.50 | 32.92 |
| 33 31 11 00-0122 | EA | 8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain | 436.41 | 44.30 |
| 33 31 11 00-0123 | EA | 10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain | 661.91 | 58.99 |
| 33 31 11 00-0124 | EA | 12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain | 1,094.71 | 78.57 |
| **33 31 11 00-0125** | | **Adapters, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0126 | EA | 4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting | 128.89 | 75.06 |
| 33 31 11 00-0127 | EA | 2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting | 91.11 | 57.10 |
| 33 31 11 00-0128 | EA | 2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting | 93.49 | 57.10 |
| 33 31 11 00-0129 | EA | 3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting | 99.82 | 57.10 |
| 33 31 11 00-0130 | EA | 4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting | 130.63 | 75.06 |
| 33 31 11 00-0131 | EA | 4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting | 125.57 | 75.06 |
| 33 31 11 00-0132 | EA | 4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting | 117.25 | 75.06 |
| 33 31 11 00-0133 | EA | 4" Drain Grate, Drain And Sewer Fitting | 64.05 | 38.60 |
| **33 31 11 00-0134** | | **Caps, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0135 | EA | 3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting | 34.86 | 13.56 |
| 33 31 11 00-0136 | EA | 4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting | 58.20 | 16.88 |
| 33 31 11 00-0137 | EA | 6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting | 111.37 | 21.82 |
| **33 31 11 00-0138** | | **Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)* | | |
| 33 31 11 00-0139 | EA | 1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain | 21.82 | 12.62 |
| 33 31 11 00-0140 | EA | 2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain | 28.41 | 16.31 |
| 33 31 11 00-0141 | EA | 3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain | 42.32 | 21.91 |
| 33 31 11 00-0142 | EA | 4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain | 56.02 | 25.33 |
| 33 31 11 00-0143 | EA | 6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain | 97.13 | 32.92 |
| 33 31 11 00-0144 | EA | 8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain | 373.70 | 44.30 |
| **33 31 11 00-0145** | | **Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0001)* Note: ASTM 3034. | | |
| 33 31 11 00-0146 | LF | 4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 15.26 | 5.66 |
| 33 31 11 00-0147 | LF | 6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 20.68 | 6.58 |
| 33 31 11 00-0148 | LF | 8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 28.08 | 7.66 |
| 33 31 11 00-0149 | LF | 10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 35.00 | 7.93 |
| 33 31 11 00-0150 | LF | 12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 43.38 | 8.20 |
| 33 31 11 00-0151 | LF | 15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 57.44 | 8.50 |
| 33 31 11 00-0152 | LF | 18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 73.54 | 8.80 |
| 33 31 11 00-0153 | LF | 21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 96.24 | 9.56 |
| 33 31 11 00-0154 | LF | 24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 117.21 | 10.32 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 31 11 00-0155 | LF | 27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe | 146.04 | 12.10 |
| **33 31 11 00-0156** | | **Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0001)* Note: ASTM 3034. | | |
| 33 31 11 00-0157 | LF | 4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe | 13.78 | 5.66 |
| 33 31 11 00-0158 | LF | 6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe | 18.10 | 6.58 |
| 33 31 11 00-0159 | LF | 8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe | 23.92 | 7.66 |
| **33 31 11 00-0160** | | **Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings** *(33 31 11 00-0001)* Note: ASTM 3034. | | |
| **33 31 11 00-0161** | | **1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)* | | |
| 33 31 11 00-0162 | EA | 4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 75.47 | 22.30 |
| 33 31 11 00-0163 | EA | 6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 113.67 | 25.94 |
| 33 31 11 00-0164 | EA | 8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 244.11 | 29.39 |
| 33 31 11 00-0165 | EA | 10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 712.96 | 34.58 |
| 33 31 11 00-0166 | EA | 12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 921.46 | 44.09 |
| **33 31 11 00-0167** | | **1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)* | | |
| 33 31 11 00-0168 | EA | 4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 67.60 | 22.30 |
| 33 31 11 00-0169 | EA | 6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 104.99 | 25.94 |
| 33 31 11 00-0170 | EA | 8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 222.16 | 29.39 |
| 33 31 11 00-0171 | EA | 10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 506.32 | 34.58 |
| 33 31 11 00-0172 | EA | 12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 724.98 | 44.09 |
| 33 31 11 00-0173 | EA | 15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,562.60 | 62.23 |
| 33 31 11 00-0174 | EA | 18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 2,481.95 | 88.17 |
| 33 31 11 00-0175 | EA | 21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 4,149.03 | 116.69 |
| 33 31 11 00-0176 | EA | 24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 5,658.19 | 155.59 |
| **33 31 11 00-0177** | | **Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)* | | |
| 33 31 11 00-0178 | EA | 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 114.32 | 33.46 |
| 33 31 11 00-0179 | EA | 6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 188.58 | 37.08 |
| 33 31 11 00-0180 | EA | 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 212.65 | 38.89 |
| 33 31 11 00-0181 | EA | 8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 235.35 | 40.71 |
| 33 31 11 00-0182 | EA | 8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 270.63 | 42.53 |
| 33 31 11 00-0183 | EA | 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 528.40 | 44.34 |
| 33 31 11 00-0184 | EA | 10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 679.87 | 45.38 |
| 33 31 11 00-0185 | EA | 10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 771.64 | 47.55 |
| 33 31 11 00-0186 | EA | 10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,145.06 | 49.35 |
| 33 31 11 00-0187 | EA | 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,495.83 | 51.86 |
| 33 31 11 00-0188 | EA | 12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 836.71 | 55.24 |
| 33 31 11 00-0189 | EA | 12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 888.68 | 57.05 |
| 33 31 11 00-0190 | EA | 12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,274.20 | 58.87 |
| 33 31 11 00-0191 | EA | 12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,844.33 | 61.37 |
| 33 31 11 00-0192 | EA | 12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 2,079.26 | 66.12 |
| **33 31 11 00-0193** | | **Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)* | | |
| 33 31 11 00-0194 | EA | 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 108.21 | 33.46 |
| 33 31 11 00-0195 | EA | 6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 168.22 | 37.08 |
| 33 31 11 00-0196 | EA | 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 185.31 | 38.89 |
| 33 31 11 00-0197 | EA | 8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 226.62 | 40.71 |
| 33 31 11 00-0198 | EA | 8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 260.22 | 42.53 |
| 33 31 11 00-0199 | EA | 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 404.01 | 44.34 |
| 33 31 11 00-0200 | EA | 10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 620.73 | 45.73 |
| 33 31 11 00-0201 | EA | 10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 632.96 | 47.55 |
| 33 31 11 00-0202 | EA | 10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 958.35 | 49.35 |
| 33 31 11 00-0203 | EA | 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,061.20 | 51.86 |
| 33 31 11 00-0204 | EA | 12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 787.43 | 55.24 |
| 33 31 11 00-0205 | EA | 12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 812.13 | 57.05 |
| 33 31 11 00-0206 | EA | 12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,169.28 | 58.87 |
| 33 31 11 00-0207 | EA | 12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,411.55 | 61.37 |
| 33 31 11 00-0208 | EA | 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,473.27 | 66.12 |
| 33 31 11 00-0209 | EA | 15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,816.19 | 79.53 |
| 33 31 11 00-0210 | EA | 15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 2,016.03 | 84.28 |
| 33 31 11 00-0211 | EA | 15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 2,523.85 | 93.35 |
| **33 31 11 00-0212** | | **Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)* | | |
| 33 31 11 00-0213 | EA | 4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 74.78 | 22.30 |
| 33 31 11 00-0214 | EA | 6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 118.31 | 25.94 |
| 33 31 11 00-0215 | EA | 8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 176.80 | 29.56 |
| 33 31 11 00-0216 | EA | 10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 340.68 | 34.58 |
| 33 31 11 00-0217 | EA | 12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 484.73 | 44.09 |
| 33 31 11 00-0218 | EA | 15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 954.60 | 62.23 |
| 33 31 11 00-0219 | EA | 18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,803.30 | 88.17 |
| 33 31 11 00-0220 | EA | 21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 3,017.32 | 116.69 |
| 33 31 11 00-0221 | EA | 24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 4,371.56 | 155.59 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 31 11 00-0222** | | **Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)* | | |
| 33 31 11 00-0223 | EA | 6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 148.13 | 24.12 |
| 33 31 11 00-0224 | EA | 8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 214.58 | 25.94 |
| 33 31 11 00-0225 | EA | 8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 226.17 | 27.74 |
| 33 31 11 00-0226 | EA | 10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 518.20 | 30.25 |
| 33 31 11 00-0227 | EA | 10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 596.29 | 32.07 |
| 33 31 11 00-0228 | EA | 12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 666.49 | 35.01 |
| 33 31 11 00-0229 | EA | 12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 765.84 | 36.82 |
| 33 31 11 00-0230 | EA | 12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 878.90 | 39.33 |
| 33 31 11 00-0231 | EA | 15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) | 1,324.89 | 53.15 |
| **33 31 11 00-0232** | | **Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)* | | |
| 33 31 11 00-0233 | EA | 6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 120.95 | |
| 33 31 11 00-0234 | EA | 8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 160.61 | |
| 33 31 11 00-0235 | EA | 8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 164.38 | |
| 33 31 11 00-0236 | EA | 10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 276.16 | |
| 33 31 11 00-0237 | EA | 10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 291.94 | |
| 33 31 11 00-0238 | EA | 10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 563.48 | |
| 33 31 11 00-0239 | EA | 12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 313.82 | |
| 33 31 11 00-0240 | EA | 12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 343.41 | |
| 33 31 11 00-0241 | EA | 12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 781.80 | |
| 33 31 11 00-0242 | EA | 12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 924.26 | |
| 33 31 11 00-0243 | EA | 15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 357.00 | |
| 33 31 11 00-0244 | EA | 15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 382.82 | |
| **33 31 11 00-0245** | | **Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)* | | |
| 33 31 11 00-0246 | EA | 6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 129.79 | |
| 33 31 11 00-0247 | EA | 8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 160.61 | |
| 33 31 11 00-0248 | EA | 8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 176.41 | |
| 33 31 11 00-0249 | EA | 10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 252.75 | |
| 33 31 11 00-0250 | EA | 10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 290.05 | |
| 33 31 11 00-0251 | EA | 10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 445.62 | |
| 33 31 11 00-0252 | EA | 12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 311.95 | |
| 33 31 11 00-0253 | EA | 12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 341.63 | |
| 33 31 11 00-0254 | EA | 12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 517.91 | |
| 33 31 11 00-0255 | EA | 12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 632.96 | |
| 33 31 11 00-0256 | EA | 15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 355.84 | |
| 33 31 11 00-0257 | EA | 15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 374.07 | |
| 33 31 11 00-0258 | EA | 15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 634.73 | |
| 33 31 11 00-0259 | EA | 15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 704.16 | |
| 33 31 11 00-0260 | EA | 15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) | 1,002.57 | |
| **33 31 11 00-0261** | | **Couplings And Plug Fittings** *(33 31 11)* | | |
| **33 31 11 00-0262** | | **Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings** *(33 31 11 00-0261)* | | |
| | | Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps. | | |
| 33 31 11 00-0263 | EA | 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150) | 19.36 | 7.05 |
| 33 31 11 00-0264 | EA | 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22) | 21.21 | 8.23 |
| 33 31 11 00-0265 | EA | 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33) | 24.44 | 9.41 |
| 33 31 11 00-0266 | EA | 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44) | 27.62 | 10.00 |
| 33 31 11 00-0267 | EA | 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55) | 33.52 | 10.58 |
| 33 31 11 00-0268 | EA | 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66) | 39.45 | 11.76 |
| 33 31 11 00-0269 | EA | 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88) | 49.70 | 12.94 |
| 33 31 11 00-0270 | EA | 10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010) | 60.95 | 13.52 |
| 33 31 11 00-0271 | EA | 12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212) | 99.09 | 14.12 |
| 33 31 11 00-0272 | EA | 15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515) | 134.06 | 15.29 |
| 33 31 11 00-0273 | EA | 18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818) | 255.95 | 15.88 |
| 33 31 11 00-0274 | EA | 21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121) | 297.04 | 16.77 |
| 33 31 11 00-0275 | EA | 24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424) | 328.89 | 17.65 |
| 33 31 11 00-0276 | EA | 27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727) | 393.67 | 18.83 |
| **33 31 11 00-0277** | | **Cast Iron Service Saddles With U Bolt** *(33 31 11)* | | |
| 33 31 11 00-0278 | EA | 2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt | 108.20 | |
| 33 31 11 00-0279 | EA | 3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt | 108.75 | |
| 33 31 11 00-0280 | EA | 3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt | 119.75 | |
| 33 31 11 00-0281 | EA | 4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt | 115.76 | |
| 33 31 11 00-0282 | EA | 4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt | 130.48 | |
| 33 31 11 00-0283 | EA | 4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt | 146.55 | |
| 33 31 11 00-0284 | EA | 4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt | 173.52 | |
| 33 31 11 00-0285 | EA | 6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt | 146.58 | |
| 33 31 11 00-0286 | EA | 6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt | 160.20 | |
| 33 31 11 00-0287 | EA | 6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt | 184.90 | |
| 33 31 11 00-0288 | EA | 4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt | 118.82 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 31 11 00-0289 | EA | 4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt | 129.83 | |
| 33 31 11 00-0290 | EA | 4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt | 153.70 | |
| 33 31 11 00-0291 | EA | 4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt | 182.31 | |
| 33 31 11 00-0292 | EA | 6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt | 195.85 | |

## 33 32 Sanitary Sewerage Equipment *(33 30)*

### 33 32 16 Packaged Wastewater Grinder Pump Assemblies *(33 32)*

#### 33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16)*

| | | | | |
|---|---|---|---|---|
| 33 32 16 00-0002 | EA | 2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge<br>Note: Zoeller 840 series. | 2,182.23 | 348.60 |
| 33 32 16 00-0003 | EA | 2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge<br>Note: Zoeller 840 series. | 2,151.53 | 348.60 |
| 33 32 16 00-0004 | EA | Simplex Control Panel With Auto Reversing Switch<br>Note: For Zoeller 840 series grinder pump. | 1,029.45 | 116.16 |
| 33 32 16 00-0005 | EA | Duplex Control Panel With Auto Reversing Switch<br>Note: For Zoeller 840 series grinder pump. | 1,599.94 | 116.16 |
| 33 32 16 00-0006 | EA | Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74) | 11,798.95 | |

#### 33 32 16 00-0007 Submersible Grinder Pumps *(33 32 16)*

Note: Includes 50' of cord with pumps unless otherwise noted.

| | | | | |
|---|---|---|---|---|
| 33 32 16 00-0008 | EA | 2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof | 3,731.10 | 660.44 |
| 33 32 16 00-0009 | EA | 3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof | 5,603.05 | 770.51 |
| 33 32 16 00-0010 | EA | 5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof | 6,855.69 | 990.65 |

## 33 34 Onsite Wastewater Disposal *(33 30)*

Note: Excludes distribution field piping, trenching or excavation.

### 33 34 13 Septic Tanks *(33 34)*

### 33 34 13 13 Concrete Septic Tanks *(33 34 13)*

#### 33 34 13 13-0001 Precast Concrete Septic Tank *(33 34 13 13)*

Note: Includes external coating.

| | | | | |
|---|---|---|---|---|
| 33 34 13 13-0002 | EA | 1,000 Gallon Precast Septic Tank | 3,649.05 | 660.44 |
| | | *For Non-Traffic Rated, Deduct* | *-709.50* | |
| 33 34 13 13-0003 | EA | 1,250 Gallon Precast Septic Tank | 4,389.03 | 729.01 |
| | | *For Non-Traffic Rated, Deduct* | *-873.50* | |
| 33 34 13 13-0004 | EA | 1,500 Gallon Precast Septic Tank | 5,100.31 | 797.48 |
| | | *For Non-Traffic Rated, Deduct* | *-1,030.30* | |
| 33 34 13 13-0005 | EA | 2,000 Gallon Precast Septic Tank | 6,555.54 | 866.83 |
| | | *For Non-Traffic Rated, Deduct* | *-1,373.59* | |
| 33 34 13 13-0006 | EA | 2,500 Gallon Precast Septic Tank | 7,802.16 | 1,197.04 |
| | | *For Non-Traffic Rated, Deduct* | *-1,584.39* | |
| 33 34 13 13-0007 | EA | 4,000 Gallon Precast Septic Tank | 20,832.02 | 1,651.09 |
| | | *For Non-Traffic Rated, Deduct* | *-4,701.67* | |
| 33 34 13 13-0008 | EA | 5,000 Gallon Precast Septic Tank | 37,910.41 | 2,476.64 |
| | | *For Non-Traffic Rated, Deduct* | *-8,720.26* | |
| 33 34 13 13-0009 | EA | 7,500 Gallon Precast Septic Tank | 42,469.61 | 3,467.29 |
| | | *For Non-Traffic Rated, Deduct* | *-9,562.54* | |
| 33 34 13 13-0010 | EA | 10,000 Gallon Precast Septic Tank | 52,081.14 | 4,148.42 |
| | | *For Non-Traffic Rated, Deduct* | *-11,754.45* | |
| 33 34 13 13-0011 | EA | 12,500 Gallon Precast Septic Tank | 61,529.19 | 5,139.08 |
| | | *For Non-Traffic Rated, Deduct* | *-13,800.00* | |

### 33 34 13 23 Fiberglass Septic Tank *(33 34 13)*

#### 33 34 13 23-0001 Fiberglass Septic Tank *(33 34 13 23)*

| | | | | |
|---|---|---|---|---|
| 33 34 13 23-0002 | EA | 1,000 Gallon Fiberglass Septic Tank | 1,815.22 | 495.33 |
| 33 34 13 23-0003 | EA | 1,250 Gallon Fiberglass Septic Tank | 2,203.70 | 660.44 |
| 33 34 13 23-0004 | EA | 1,500 Gallon Fiberglass Septic Tank | 2,396.52 | 598.58 |
| 33 34 13 23-0005 | EA | 2,000 Gallon Fiberglass Septic Tank | 3,700.43 | 648.00 |
| 33 34 13 23-0006 | EA | 2,500 Gallon Fiberglass Septic Tank | 4,718.85 | 898.20 |
| 33 34 13 23-0007 | EA | 4,000 Gallon Fiberglass Septic Tank | 7,323.74 | 1,238.32 |
| 33 34 13 23-0008 | EA | 5,000 Gallon Fiberglass Septic Tank | 10,890.40 | 1,857.48 |
| 33 34 13 23-0009 | EA | 7,500 Gallon Fiberglass Septic Tank | 14,969.36 | 2,600.47 |
| 33 34 13 23-0010 | EA | 10,000 Gallon Fiberglass Septic Tank | 18,318.23 | 3,108.13 |

### 33 34 13 33 Polyethylene Septic Tank *(33 34 13)*

#### 33 34 13 33-0001 High Density Polyethylene (HDPE) Septic Tank *(33 34 13 33)*

| | | | | |
|---|---|---|---|---|
| 33 34 13 33-0002 | EA | 300 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank | 1,178.24 | 213.85 |
| 33 34 13 33-0003 | EA | 500 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank | 1,807.33 | 240.59 |
| 33 34 13 33-0004 | EA | 900 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank | 2,509.82 | 294.05 |
| 33 34 13 33-0005 | EA | 1,000 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank | 2,578.77 | 320.77 |
| 33 34 13 33-0006 | EA | 1,250 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank | 2,986.47 | 347.51 |
| 33 34 13 33-0007 | EA | 1,500 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank | 3,580.14 | 374.24 |
| 33 34 13 33-0008 | EA | 750 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank | 2,524.98 | 267.31 |
| 33 34 13 33-0009 | EA | 1,000 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank | 2,755.89 | 320.77 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 34 13 33-0010 | EA | 1,250 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank | 3,238.86 | 347.51 |
| 33 34 13 33-0011 | EA | 1,500 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank | 3,801.53 | 374.24 |

### 33 34 51 Drainage Field System *(33 34)*

33 34 51 00-0001 Leaching Pit - Precast Concrete *(33 34 51)*
Note: Includes external coating.

| | | | | |
|---|---|---|---|---|
| 33 34 51 00-0002 | EA | 3' Diameter, 3' High, Precast Concrete Leaching Pit | 869.55 | 96.86 |
| 33 34 51 00-0003 | EA | 4' Diameter, 3' High, Precast Concrete Leaching Pit | 1,224.87 | 137.59 |
| 33 34 51 00-0004 | EA | 6' Diameter, 3' High, Precast Concrete Leaching Pit | 1,631.55 | 165.11 |
| 33 34 51 00-0005 | EA | 8' Diameter, 4' High, Precast Concrete Leaching Pit | 2,654.96 | 275.18 |
| 33 34 51 00-0006 | EA | 10' Diameter, 4' High, Precast Concrete Leaching Pit | 3,877.65 | 385.26 |

### 33 34 53 Distribution Chambers *(33 34)*

#### 33 34 53 13 Drainage Field Concrete Distribution Chambers *(33 34 53)*

33 34 53 13-0001 Leaching Field Chambers - Precast Concrete *(33 34 53 13)*

| | | | | |
|---|---|---|---|---|
| 33 34 53 13-0002 | EA | Standard Leaching Field Chamber 13' x 3'-7" x 1'-4" | 986.33 | 75.64 |
| 33 34 53 13-0003 | EA | Heavy Duty Leaching Field Chamber 13' x 3'-9" x 1'-6" | 1,200.86 | 103.14 |

### 33 34 56 Drainage Field Dosing Chambers *(33 34)*

33 34 56 00-0001 Dosing Siphon *(33 34 56)*

| | | | | |
|---|---|---|---|---|
| 33 34 56 00-0002 | EA | Dosing Siphon With Electrical Connection And Solenoid Valve | 5,222.43 | |
| 33 34 56 00-0003 | EA | Solar Power Control For Dosing Siphon | 3,579.38 | |
| 33 34 56 00-0004 | EA | Electrical Power Control For Dosing Siphon | 3,439.51 | |

## 33 40 Stormwater Utilities *(33)*

### 33 41 Subdrainage *(33 40)*

#### 33 41 16 Subdrainage Piping *(33 41)*

#### 33 41 16 13 Subdrainage Piping *(33 41 16)*

See CSI section 33 42 11 00-0159 for polyethylene drain pipe.

33 41 16 13-0001 Corrugated High Density Polyethylene (HDPE) Drainage Piping *(33 41 16 13)*

33 41 16 13-0002 Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0001)*
Note: Excludes couplings and gaskets.

33 41 16 13-0003 Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0004 | LF | 4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 4.81 | 3.86 |
| | | *For <100, Add* | *0.82* | |
| | | *For >1,000, Deduct* | *-0.43* | |
| 33 41 16 13-0005 | LF | 6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 6.26 | 4.13 |
| | | *For <100, Add* | *0.93* | |
| | | *For >1,000, Deduct* | *-0.52* | |
| 33 41 16 13-0006 | LF | 8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 8.09 | 4.33 |
| | | *For <100, Add* | *1.05* | |
| | | *For >1,000, Deduct* | *-0.62* | |
| 33 41 16 13-0007 | LF | 10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 11.42 | 4.47 |
| | | *For <100, Add* | *1.24* | |
| | | *For >1,000, Deduct* | *-0.79* | |
| 33 41 16 13-0008 | LF | 12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 13.55 | 4.88 |
| | | *For <100, Add* | *1.41* | |
| | | *For >1,000, Deduct* | *-0.92* | |
| 33 41 16 13-0009 | LF | 15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 18.13 | 5.51 |
| | | *For <100, Add* | *1.73* | |
| | | *For >1,000, Deduct* | *-1.18* | |
| 33 41 16 13-0010 | LF | 18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 29.35 | 9.59 |
| | | *For <100, Add* | *2.91* | |
| | | *For >1,000, Deduct* | *-1.95* | |
| 33 41 16 13-0011 | LF | 24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 41.38 | 10.52 |
| | | *For <100, Add* | *3.65* | |
| | | *For >1,000, Deduct* | *-2.60* | |

33 41 16 13-0012 Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0013 | LF | 4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 4.68 | 3.86 |
| | | *For <100, Add* | *0.81* | |
| | | *For >1,000, Deduct* | *-0.43* | |
| 33 41 16 13-0014 | LF | 6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 6.20 | 4.13 |
| | | *For <100, Add* | *0.93* | |
| | | *For >1,000, Deduct* | *-0.52* | |
| 33 41 16 13-0015 | LF | 8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 10.68 | 4.33 |
| | | *For <100, Add* | *1.18* | |
| | | *For >1,000, Deduct* | *-0.75* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 41 16 13-0016 | LF | 10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 12.78 | 4.47 |
| | | *For <100, Add* | *1.31* | |
| | | *For >1,000, Deduct* | *-0.86* | |
| 33 41 16 13-0017 | LF | 12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 15.04 | 4.88 |
| | | *For <100, Add* | *1.48* | |
| | | *For >1,000, Deduct* | *-1.00* | |
| 33 41 16 13-0018 | LF | 15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 17.97 | 5.51 |
| | | *For <100, Add* | *1.73* | |
| | | *For >1,000, Deduct* | *-1.17* | |
| 33 41 16 13-0019 | LF | 18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 28.37 | 9.59 |
| | | *For <100, Add* | *2.86* | |
| | | *For >1,000, Deduct* | *-1.90* | |
| 33 41 16 13-0020 | LF | 24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 39.82 | 10.52 |
| | | *For <100, Add* | *3.57* | |
| | | *For >1,000, Deduct* | *-2.52* | |

### 33 41 16 13-0021 Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 41 16 13-0001)*

Note: Excludes couplings and gaskets.

### 33 41 16 13-0022 Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0023 | EA | 4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) | 38.42 | 20.75 |
| 33 41 16 13-0024 | EA | 6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) | 45.70 | 24.21 |
| 33 41 16 13-0025 | EA | 8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) | 74.19 | 29.40 |
| 33 41 16 13-0026 | EA | 10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) | 95.24 | 36.33 |
| 33 41 16 13-0027 | EA | 12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) | 141.41 | 43.25 |
| 33 41 16 13-0028 | EA | 15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) | 307.13 | 56.50 |
| 33 41 16 13-0029 | EA | 18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) | 367.25 | 76.10 |
| 33 41 16 13-0030 | EA | 24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) | 694.94 | 86.48 |

### 33 41 16 13-0031 Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0032 | EA | 4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE) | 39.51 | 20.75 |
| 33 41 16 13-0033 | EA | 6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE) | 49.26 | 24.21 |
| 33 41 16 13-0034 | EA | 8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE) | 111.43 | 29.40 |

### 33 41 16 13-0035 45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0036 | EA | 4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE) | 25.98 | 13.84 |

### 33 41 16 13-0037 90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0038 | EA | 4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE) | 27.12 | 13.84 |
| 33 41 16 13-0039 | EA | 6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE) | 35.07 | 16.15 |
| 33 41 16 13-0040 | EA | 8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE) | 52.11 | 19.61 |
| 33 41 16 13-0041 | EA | 10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE) | 68.68 | 24.21 |

### 33 41 16 13-0042 Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 *(33 41 16 13)*

Note: Includes fittings, couplings, elbows, etc.

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0043 | LF | 4" Perforated Polyvinyl Chloride (PVC) Drainage Piping | 6.52 | 4.13 |
| | | *For <100, Add* | *0.95* | |
| | | *For >1,000, Deduct* | *-0.53* | |
| 33 41 16 13-0044 | LF | 6" Perforated Polyvinyl Chloride (PVC) Drainage Piping | 9.07 | 4.95 |
| | | *For <100, Add* | *1.20* | |
| | | *For >1,000, Deduct* | *-0.70* | |
| 33 41 16 13-0045 | LF | 8" Perforated Polyvinyl Chloride (PVC) Drainage Piping | 13.88 | 6.18 |
| | | *For <100, Add* | *1.62* | |
| | | *For >1,000, Deduct* | *-1.00* | |
| 33 41 16 13-0046 | LF | 10" Perforated Polyvinyl Chloride (PVC) Drainage Piping | 21.83 | 6.44 |
| | | *For <100, Add* | *2.06* | |
| | | *For >1,000, Deduct* | *-1.41* | |
| 33 41 16 13-0047 | LF | 12" Perforated Polyvinyl Chloride (PVC) Drainage Piping | 27.64 | 7.03 |
| | | *For <100, Add* | *2.44* | |
| | | *For >1,000, Deduct* | *-1.73* | |
| 33 41 16 13-0048 | LF | 15" Perforated Polyvinyl Chloride (PVC) Drainage Piping | 48.37 | 7.92 |
| | | *For <100, Add* | *3.61* | |
| | | *For >1,000, Deduct* | *-2.81* | |

### 33 41 16 13-0049 Perforated Non Reinforced Concrete Drainage Piping, C444 *(33 41 16 13)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0050 | LF | 6" Perforated Non Reinforced Concrete Drainage Pipe | 27.84 | 9.90 |
| | | *For Extra Strength, Add* | *1.61* | |
| | | *For >1,000, Deduct* | *-1.39* | |
| 33 41 16 13-0051 | LF | 8" Perforated Non Reinforced Concrete Drainage Pipe | 32.60 | 11.00 |
| | | *For Extra Strength, Add* | *1.98* | |
| | | *For >1,000, Deduct* | *-1.63* | |
| 33 41 16 13-0052 | LF | 10" Perforated Non Reinforced Concrete Drainage Pipe | 36.95 | 12.10 |
| | | *For Extra Strength, Add* | *2.31* | |
| | | *For >1,000, Deduct* | *-1.85* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 41 16 13-0053 | LF | 12" Perforated Non Reinforced Concrete Drainage Pipe | 43.50 | 13.21 |
| | | *For Extra Strength, Add* | *2.90* | |
| | | *For >1,000, Deduct* | *-2.18* | |

## 33 41 16 13-0054 Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*

Note: Bell and spigot or tongue and groove. With seals and gaskets.

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0055 | LF | 6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe | 22.85 | 9.90 |
| | | *For >1,000, Deduct* | *-1.14* | |
| 33 41 16 13-0056 | LF | 8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe | 25.28 | 11.00 |
| | | *For >1,000, Deduct* | *-1.26* | |
| 33 41 16 13-0057 | LF | 10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe | 27.91 | 12.10 |
| | | *For >1,000, Deduct* | *-1.40* | |
| 33 41 16 13-0058 | LF | 12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe | 31.93 | 12.58 |
| | | *For >1,000, Deduct* | *-1.60* | |
| 33 41 16 13-0059 | LF | 15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe | 37.18 | 14.14 |
| | | *For >1,000, Deduct* | *-1.86* | |
| 33 41 16 13-0060 | LF | 18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe | 45.99 | 18.07 |
| | | *For >1,000, Deduct* | *-2.30* | |
| 33 41 16 13-0061 | LF | 21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe | 57.41 | 23.18 |
| | | *For >1,000, Deduct* | *-2.87* | |
| 33 41 16 13-0062 | LF | 24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe | 70.02 | 28.29 |
| | | *For >1,000, Deduct* | *-3.50* | |

## 33 41 16 13-0063 Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0064 | LF | 6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe | 21.21 | 9.90 |
| | | *For >1,000, Deduct* | *-1.06* | |
| 33 41 16 13-0065 | LF | 8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe | 27.11 | 11.00 |
| | | *For >1,000, Deduct* | *-1.36* | |
| 33 41 16 13-0066 | LF | 10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe | 34.50 | 12.10 |
| | | *For >1,000, Deduct* | *-1.73* | |
| 33 41 16 13-0067 | LF | 12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe | 42.04 | 13.21 |
| | | *For >1,000, Deduct* | *-2.10* | |
| 33 41 16 13-0068 | LF | 15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe | 48.19 | 14.68 |
| | | *For >1,000, Deduct* | *-2.41* | |
| 33 41 16 13-0069 | LF | 18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe | 62.53 | 18.32 |
| | | *For >1,000, Deduct* | *-3.13* | |

## 33 41 16 13-0070 Perforated Vitrified Clay Drainage Piping, C700 *(33 41 16 13)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0071 | LF | 4" Perforated Vitrified Clay Drainage Pipe | 21.25 | 11.00 |
| 33 41 16 13-0072 | LF | 6" Perforated Vitrified Clay Drainage Pipe | 25.53 | 12.37 |
| 33 41 16 13-0073 | LF | 8" Perforated Vitrified Clay Drainage Pipe | 29.46 | 12.37 |
| 33 41 16 13-0074 | LF | 10" Perforated Vitrified Clay Drainage Pipe | 39.77 | 15.13 |
| 33 41 16 13-0075 | LF | 12" Perforated Vitrified Clay Drainage Pipe | 47.55 | 16.51 |

## 33 41 16 13-0076 Geotextile Filter Fabric Sock *(33 41 16 13)*

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0077 | LF | 3" Geotextile Filter Fabric Sock | 0.68 | |
| 33 41 16 13-0078 | LF | 4" Geotextile Filter Fabric Sock | 0.90 | |
| 33 41 16 13-0079 | LF | 6" Geotextile Filter Fabric Sock | 1.36 | |
| 33 41 16 13-0080 | LF | 8" Geotextile Filter Fabric Sock | 1.83 | |
| 33 41 16 13-0081 | LF | 10" Geotextile Filter Fabric Sock | 2.78 | |
| 33 41 16 13-0082 | LF | 12" Geotextile Filter Fabric Sock | 3.87 | |
| 33 41 16 13-0083 | LF | 15" Geotextile Filter Fabric Sock | 4.70 | |

## 33 41 16 13-0084 Strip-Perforated, Galvanized, Corrugated Steel Pipe *(33 41 16 13)*

Note: Perforations are located in the bottom quarter points of the pipe.

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0085 | LF | 6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe | 20.66 | 4.71 |
| | | *For Full Perforated, Add* | *1.12* | |
| 33 41 16 13-0086 | LF | 8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe | 26.24 | 5.72 |
| | | *For Full Perforated, Add* | *1.48* | |
| 33 41 16 13-0087 | LF | 10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe | 33.07 | 7.25 |
| | | *For Full Perforated, Add* | *1.86* | |
| 33 41 16 13-0088 | LF | 12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe | 36.57 | 8.57 |
| | | *For Full Perforated, Add* | *1.94* | |
| 33 41 16 13-0089 | LF | 15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe | 42.15 | 8.88 |
| | | *For Full Perforated, Add* | *2.44* | |
| 33 41 16 13-0090 | LF | 18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe | 47.87 | 9.20 |
| | | *For Full Perforated, Add* | *2.95* | |
| 33 41 16 13-0091 | LF | 21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe | 54.92 | 9.93 |
| | | *For Full Perforated, Add* | *3.51* | |

## 33 41 16 13-0092 Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe *(33 41 16 13)*

Note: Perforations are located in the bottom quarter points of the pipe.

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0093 | LF | 6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe | 22.47 | 4.71 |
| | | *For Full Perforated, Add* | *1.30* | |
| 33 41 16 13-0094 | LF | 8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe | 28.69 | 5.72 |
| | | *For Full Perforated, Add* | *1.73* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 41 16 13-0095 | LF | 10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe | 36.06 | 7.25 |
| | | *For Full Perforated, Add* | *2.16* | |
| 33 41 16 13-0096 | LF | 12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe | 39.47 | 8.57 |
| | | *For Full Perforated, Add* | *2.23* | |
| 33 41 16 13-0097 | LF | 15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe | 45.74 | 8.88 |
| | | *For Full Perforated, Add* | *2.80* | |
| 33 41 16 13-0098 | LF | 18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe | 52.13 | 9.20 |
| | | *For Full Perforated, Add* | *3.37* | |
| 33 41 16 13-0099 | LF | 21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe | 59.89 | 9.93 |
| | | *For Full Perforated, Add* | *4.00* | |

### 33 41 16 13-0100 Strip-Perforated, Corrugated Aluminum Pipe *(33 41 16 13)*

Note: Perforations are located in the bottom quarter points of the pipe.

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0101 | LF | 6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe | 23.05 | 4.71 |
| | | *For Full Perforated, Add* | *1.36* | |
| 33 41 16 13-0102 | LF | 8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe | 29.43 | 5.72 |
| | | *For Full Perforated, Add* | *1.80* | |
| 33 41 16 13-0103 | LF | 10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe | 37.02 | 7.25 |
| | | *For Full Perforated, Add* | *2.25* | |
| 33 41 16 13-0104 | LF | 12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe | 46.64 | 8.57 |
| | | *For Full Perforated, Add* | *2.95* | |
| 33 41 16 13-0105 | LF | 15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe | 54.67 | 8.88 |
| | | *For Full Perforated, Add* | *3.69* | |
| 33 41 16 13-0106 | LF | 18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe | 62.95 | 9.20 |
| | | *For Full Perforated, Add* | *4.46* | |
| 33 41 16 13-0107 | LF | 21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe | 72.51 | 9.93 |
| | | *For Full Perforated, Add* | *5.27* | |

### 33 41 16 13-0108 Prefabricated Composite Drains *(33 41 16 13)*

### 33 41 16 13-0109 Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 13-0108)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.

| | | | | |
|---|---|---|---|---|
| 33 41 16 13-0110 | LF | 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 9.61 | 1.89 |
| | | *For External Typar Geotextile Wrap, Add* | *1.84* | |
| 33 41 16 13-0111 | EA | Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 43.68 | |
| 33 41 16 13-0112 | EA | End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 43.68 | |
| 33 41 16 13-0113 | EA | Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 86.23 | |
| 33 41 16 13-0114 | EA | End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 86.23 | |
| 33 41 16 13-0115 | LF | 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 15.50 | 2.35 |
| | | *For External Typar Geotextile Wrap, Add* | *2.75* | |
| 33 41 16 13-0116 | EA | Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 65.53 | |
| 33 41 16 13-0117 | EA | End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 65.53 | |
| 33 41 16 13-0118 | EA | Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 113.84 | |
| 33 41 16 13-0119 | EA | End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) | 113.84 | |

## 33 41 19 Underslab Drainage *(33 41)*

### 33 41 19 13 Underslab Drainage Piping *(33 41 19)*

### 33 41 19 13-0001 Capillary Water Barrier Underslab Drainage *(33 41 19 13)*

Note: Consists of a layer of fine granular material overlying a coarse layer.

| | | | | |
|---|---|---|---|---|
| 33 41 19 13-0002 | CY | 2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage | 32.72 | |
| 33 41 19 13-0003 | CY | 4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage | 30.63 | |
| 33 41 19 13-0004 | CY | 6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage | 29.79 | |
| 33 41 19 13-0005 | CY | 8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage | 28.53 | |

# 33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

## 33 42 11 Stormwater Gravity Piping *(33 42)*

### 33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

### 33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0003 | LF | 12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 41.87 | 13.21 |
| | | *For >1,000, Deduct* | *-2.09* | |
| | | *For Class 4, Add* | *2.19* | |
| | | *For Class 5, Add* | *4.60* | |
| 33 42 11 00-0004 | LF | 15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 50.44 | 14.68 |
| | | *For >1,000, Deduct* | *-2.52* | |
| | | *For Class 4, Add* | *2.80* | |
| | | *For Class 5, Add* | *5.89* | |
| 33 42 11 00-0005 | LF | 18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 57.16 | 18.32 |
| | | *For >1,000, Deduct* | *-2.86* | |
| | | *For Class 4, Add* | *2.94* | |
| | | *For Class 5, Add* | *6.20* | |
| 33 42 11 00-0006 | LF | 21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 73.27 | 23.11 |
| | | *For >1,000, Deduct* | *-3.66* | |
| | | *For Class 4, Add* | *3.83* | |
| | | *For Class 5, Add* | *8.05* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0007 | LF | 24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 85.65 | 28.05 |
| | | *For >1,000, Deduct* | *-4.28* | |
| | | *For Class 4, Add* | *4.33* | |
| | | *For Class 5, Add* | *9.11* | |
| 33 42 11 00-0008 | LF | 27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 109.83 | 36.63 |
| | | *For >1,000, Deduct* | *-5.49* | |
| | | *For Class 4, Add* | *5.46* | |
| | | *For Class 5, Add* | *11.50* | |
| 33 42 11 00-0009 | LF | 30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 116.88 | 37.82 |
| | | *For >1,000, Deduct* | *-5.84* | |
| | | *For Class 4, Add* | *5.91* | |
| | | *For Class 5, Add* | *12.44* | |
| 33 42 11 00-0010 | LF | 36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 145.14 | 42.98 |
| | | *For >1,000, Deduct* | *-7.26* | |
| | | *For Class 4, Add* | *8.02* | |
| | | *For Class 5, Add* | *16.87* | |
| 33 42 11 00-0011 | LF | 42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 188.94 | 47.28 |
| | | *For >1,000, Deduct* | *-9.45* | |
| | | *For Class 4, Add* | *11.60* | |
| | | *For Class 5, Add* | *24.41* | |
| 33 42 11 00-0012 | LF | 48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 226.62 | 52.65 |
| | | *For >1,000, Deduct* | *-11.33* | |
| | | *For Class 4, Add* | *14.38* | |
| | | *For Class 5, Add* | *30.28* | |
| 33 42 11 00-0013 | LF | 54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 282.55 | 60.17 |
| | | *For >1,000, Deduct* | *-14.13* | |
| | | *For Class 4, Add* | *18.68* | |
| | | *For Class 5, Add* | *39.32* | |
| 33 42 11 00-0014 | LF | 60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets | 341.50 | 69.80 |
| | | *For >1,000, Deduct* | *-17.08* | |
| | | *For Class 4, Add* | *22.97* | |
| | | *For Class 5, Add* | *48.36* | |

### 33 42 11 00-0015 Concrete Reducing Wye Without Gaskets *(33 42 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0016 | EA | 12" Concrete Reducing Wye Without Gaskets | 526.20 | 50.29 |
| 33 42 11 00-0017 | EA | 15" Concrete Reducing Wye Without Gaskets | 630.86 | 61.30 |
| 33 42 11 00-0018 | EA | 18" Concrete Reducing Wye Without Gaskets | 780.81 | 67.58 |
| 33 42 11 00-0019 | EA | 21" Concrete Reducing Wye Without Gaskets | 895.19 | 83.30 |
| 33 42 11 00-0020 | EA | 24" Concrete Reducing Wye Without Gaskets | 1,010.78 | 100.59 |

### 33 42 11 00-0021 Concrete Pipe Joint Gaskets *(33 42 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0022 | EA | 12" Diameter Concrete Pipe Joint Gasket | 5.10 | |
| 33 42 11 00-0023 | EA | 15" Diameter Concrete Pipe Joint Gasket | 6.03 | |
| 33 42 11 00-0024 | EA | 18" Diameter Concrete Pipe Joint Gasket | 6.99 | |
| 33 42 11 00-0025 | EA | 21" Diameter Concrete Pipe Joint Gasket | 8.45 | |
| 33 42 11 00-0026 | EA | 24" Diameter Concrete Pipe Joint Gasket | 9.90 | |
| 33 42 11 00-0027 | EA | 27" Diameter Concrete Pipe Joint Gasket | 11.03 | |
| 33 42 11 00-0028 | EA | 30" Diameter Concrete Pipe Joint Gasket | 12.12 | |
| 33 42 11 00-0029 | EA | 36" Diameter Concrete Pipe Joint Gasket | 14.81 | |
| 33 42 11 00-0030 | EA | 42" Diameter Concrete Pipe Joint Gasket | 17.17 | |
| 33 42 11 00-0031 | EA | 48" Diameter Concrete Pipe Joint Gasket | 19.80 | |
| 33 42 11 00-0032 | EA | 54" Diameter Concrete Pipe Joint Gasket | 24.27 | |
| 33 42 11 00-0033 | EA | 60" Diameter Concrete Pipe Joint Gasket | 35.93 | |

### 33 42 11 00-0034 Precast Concrete Cut Off Wall *(33 42 11 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0035 | EA | 12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 227.40 | 151.28 |
| 33 42 11 00-0036 | EA | 15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 280.40 | 187.38 |
| 33 42 11 00-0037 | EA | 18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 347.15 | 237.23 |
| 33 42 11 00-0038 | EA | 21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 410.47 | 283.65 |
| 33 42 11 00-0039 | EA | 24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 471.98 | 328.26 |
| 33 42 11 00-0040 | EA | 27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 580.08 | 419.46 |
| 33 42 11 00-0041 | EA | 30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 755.29 | 577.61 |
| 33 42 11 00-0042 | EA | 36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 940.52 | 728.89 |
| 33 42 11 00-0043 | EA | 42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 1,159.65 | 914.38 |
| 33 42 11 00-0044 | EA | 48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 1,297.03 | 1,030.59 |
| 33 42 11 00-0045 | EA | 54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 1,447.55 | 1,155.23 |
| 33 42 11 00-0046 | EA | 60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 1,599.99 | 1,283.31 |
| 33 42 11 00-0047 | EA | 66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 1,662.68 | 1,332.30 |
| 33 42 11 00-0048 | EA | 72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 1,717.84 | 1,375.28 |
| 33 42 11 00-0049 | EA | 78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 1,772.99 | 1,418.25 |
| 33 42 11 00-0050 | EA | 84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall | 1,829.67 | 1,461.23 |

### 33 42 11 00-0051 Strap Assembly *(33 42 11 00-0001)*

Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0052 | EA | Up To 24" Diameter Pipe, 12' Strap Assembly | 207.72 | |
| 33 42 11 00-0053 | EA | >24" Diameter Pipe, 12' Strap Assembly | 293.71 | |

### 33 42 11 00-0054 Prestressed Concrete Cylinder Piping *(33 42 11)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0055 | | 150 PSI Prestressed Concrete Cylinder Pipe And Fittings *(33 42 11 00-0054)* | | |
| 33 42 11 00-0056 | | 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets *(33 42 11 00-0055)* | | |
| | | Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48". | | |
| 33 42 11 00-0057 | LF | 12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 117.98 | 13.21 |
| | | *For >1,000, Deduct* | *-5.90* | |
| | | *For 100 PSI, Deduct* | *-24.78* | |
| 33 42 11 00-0058 | LF | 15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 125.83 | 14.68 |
| | | *For >1,000, Deduct* | *-6.29* | |
| | | *For 100 PSI, Deduct* | *-26.21* | |
| 33 42 11 00-0059 | LF | 18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 136.76 | 18.32 |
| | | *For >1,000, Deduct* | *-6.84* | |
| | | *For 100 PSI, Deduct* | *-27.65* | |
| 33 42 11 00-0060 | LF | 21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 149.33 | 23.11 |
| | | *For >1,000, Deduct* | *-7.47* | |
| | | *For 100 PSI, Deduct* | *-29.08* | |
| 33 42 11 00-0061 | LF | 24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 162.15 | 28.05 |
| | | *For >1,000, Deduct* | *-8.11* | |
| | | *For 100 PSI, Deduct* | *-30.52* | |
| 33 42 11 00-0062 | LF | 30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 191.34 | 37.82 |
| | | *For >1,000, Deduct* | *-9.57* | |
| | | *For 100 PSI, Deduct* | *-34.17* | |
| 33 42 11 00-0063 | LF | 36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 212.05 | 42.98 |
| | | *For >1,000, Deduct* | *-10.60* | |
| | | *For 100 PSI, Deduct* | *-37.82* | |
| 33 42 11 00-0064 | LF | 42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 246.32 | 47.28 |
| | | *For >1,000, Deduct* | *-12.32* | |
| | | *For 100 PSI, Deduct* | *-44.86* | |
| 33 42 11 00-0065 | LF | 48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 282.83 | 52.65 |
| | | *For >1,000, Deduct* | *-14.14* | |
| | | *For 100 PSI, Deduct* | *-51.91* | |
| 33 42 11 00-0066 | LF | 54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 377.42 | 69.93 |
| | | *For >1,000, Deduct* | *-18.87* | |
| | | *For 100 PSI, Deduct* | *-69.38* | |
| 33 42 11 00-0067 | LF | 60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets | 454.96 | 81.12 |
| | | *For >1,000, Deduct* | *-22.75* | |
| | | *For 100 PSI, Deduct* | *-84.77* | |
| 33 42 11 00-0068 | | 150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets *(33 42 11 00-0055)* | | |
| 33 42 11 00-0069 | EA | 12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 380.57 | 123.77 |
| 33 42 11 00-0070 | EA | 15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 525.79 | 176.82 |
| 33 42 11 00-0071 | EA | 18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 674.97 | 235.75 |
| 33 42 11 00-0072 | EA | 21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 824.14 | 294.69 |
| 33 42 11 00-0073 | EA | 24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 999.24 | 366.21 |
| 33 42 11 00-0074 | EA | 30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 1,281.46 | 491.16 |
| 33 42 11 00-0075 | EA | 36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 1,620.45 | 601.68 |
| 33 42 11 00-0076 | EA | 42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 1,887.04 | 702.25 |
| 33 42 11 00-0077 | EA | 48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 2,123.54 | 801.95 |
| 33 42 11 00-0078 | EA | 54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 2,611.13 | 1,001.38 |
| 33 42 11 00-0079 | EA | 60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 3,494.82 | 1,398.59 |
| 33 42 11 00-0080 | | 150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets *(33 42 11 00-0055)* | | |
| 33 42 11 00-0081 | EA | 12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 353.97 | 123.77 |
| 33 42 11 00-0082 | EA | 15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 491.36 | 176.82 |
| 33 42 11 00-0083 | EA | 18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 634.28 | 235.75 |
| 33 42 11 00-0084 | EA | 21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 777.19 | 294.69 |
| 33 42 11 00-0085 | EA | 24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 946.03 | 366.21 |
| 33 42 11 00-0086 | EA | 30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 1,208.43 | 458.16 |
| 33 42 11 00-0087 | EA | 36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 1,536.98 | 601.68 |
| 33 42 11 00-0088 | EA | 42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 1,790.53 | 702.25 |
| 33 42 11 00-0089 | EA | 48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 2,019.73 | 801.95 |
| 33 42 11 00-0090 | EA | 54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 2,463.67 | 1,001.38 |
| 33 42 11 00-0091 | EA | 60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping | 3,354.31 | 1,398.59 |
| 33 42 11 00-0092 | | 400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0054)* | | |
| 33 42 11 00-0093 | | 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0092)* | | |
| | | Note: AWWA C301 | | |
| 33 42 11 00-0094 | LF | 30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints | 225.65 | 37.82 |
| | | *For >1,000, Deduct* | *-11.28* | |
| 33 42 11 00-0095 | LF | 36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints | 275.40 | 42.98 |
| | | *For >1,000, Deduct* | *-13.77* | |
| 33 42 11 00-0096 | LF | 42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints | 321.53 | 47.28 |
| | | *For >1,000, Deduct* | *-16.08* | |
| 33 42 11 00-0097 | | 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0092)* | | |
| | | Note: AWWA C301 | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0098 | LF | 48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints | 433.90 | 52.61 |
| | | *For >1,000, Deduct* | *-21.70* | |
| 33 42 11 00-0099 | LF | 54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints | 522.42 | 69.93 |
| | | *For >1,000, Deduct* | *-26.12* | |
| 33 42 11 00-0100 | LF | 60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints | 602.24 | 81.12 |
| | | *For >1,000, Deduct* | *-30.11* | |
| 33 42 11 00-0101 | LF | 66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints | 678.06 | 89.91 |
| | | *For >1,000, Deduct* | *-33.90* | |
| 33 42 11 00-0102 | LF | 72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints | 821.56 | 97.91 |
| | | *For >1,000, Deduct* | *-41.08* | |

### 33 42 11 00-0103 Welded Joints For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0092)*

Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.

| | | | |
|---|---|---|---|
| 33 42 11 00-0104 | EA | 30" Welded Joint For Prestressed Concrete Cylinder Pipe | 1,853.73 |
| 33 42 11 00-0105 | EA | 36" Welded Joint For Prestressed Concrete Cylinder Pipe | 1,991.05 |
| 33 42 11 00-0106 | EA | 42" Welded Joint For Prestressed Concrete Cylinder Pipe | 2,059.71 |
| 33 42 11 00-0107 | EA | 48" Welded Joint For Prestressed Concrete Cylinder Pipe | 2,334.33 |
| 33 42 11 00-0108 | EA | 54" Welded Joint For Prestressed Concrete Cylinder Pipe | 2,402.99 |
| 33 42 11 00-0109 | EA | 60" Welded Joint For Prestressed Concrete Cylinder Pipe | 2,540.30 |
| 33 42 11 00-0110 | EA | 66" Welded Joint For Prestressed Concrete Cylinder Pipe | 2,608.96 |
| 33 42 11 00-0111 | EA | 72" Welded Joint For Prestressed Concrete Cylinder Pipe | 2,677.62 |
| 33 42 11 00-0112 | EA | 30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe | 3,432.84 |
| 33 42 11 00-0113 | EA | 36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe | 3,432.84 |
| 33 42 11 00-0114 | EA | 42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe | 3,913.44 |
| 33 42 11 00-0115 | EA | 48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe | 3,913.44 |
| 33 42 11 00-0116 | EA | 54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe | 4,188.07 |
| 33 42 11 00-0117 | EA | 60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe | 4,188.07 |
| 33 42 11 00-0118 | EA | 66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe | 4,531.35 |
| 33 42 11 00-0119 | EA | 72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe | 4,531.35 |

### 33 42 11 00-0120 Quick Test Joints *(33 42 11 00-0092)*

| | | | |
|---|---|---|---|
| 33 42 11 00-0121 | EA | 30" Quick Test Joint | 531.40 |
| 33 42 11 00-0122 | EA | 36" Quick Test Joint | 535.70 |
| 33 42 11 00-0123 | EA | 42" Quick Test Joint | 540.00 |
| 33 42 11 00-0124 | EA | 48" Quick Test Joint | 550.67 |
| 33 42 11 00-0125 | EA | 54" Quick Test Joint | 577.40 |
| 33 42 11 00-0126 | EA | 60" Quick Test Joint | 598.00 |
| 33 42 11 00-0127 | EA | 66" Quick Test Joint | 629.21 |
| 33 42 11 00-0128 | EA | 72" Quick Test Joint | 660.42 |

### 33 42 11 00-0129 Harnessed Joints *(33 42 11 00-0092)*

### 33 42 11 00-0130 Harness Clamp Restrained Joints *(33 42 11 00-0129)*

| | | | |
|---|---|---|---|
| 33 42 11 00-0131 | EA | 30" Harness Clamp Restrained Joint | 3,008.72 |
| 33 42 11 00-0132 | EA | 36" Harness Clamp Restrained Joint | 3,126.10 |
| 33 42 11 00-0133 | EA | 42" Harness Clamp Restrained Joint | 3,243.47 |
| 33 42 11 00-0134 | EA | 48" Harness Clamp Restrained Joint | 3,360.85 |
| 33 42 11 00-0135 | EA | 54" Harness Clamp Restrained Joint | 3,492.16 |
| 33 42 11 00-0136 | EA | 60" Harness Clamp Restrained Joint | 3,671.77 |
| 33 42 11 00-0137 | EA | 66" Harness Clamp Restrained Joint | 3,794.83 |
| 33 42 11 00-0138 | EA | 72" Harness Clamp Restrained Joint | 4,064.90 |

### 33 42 11 00-0139 Snap Ring Restrained Joints *(33 42 11 00-0129)*

| | | | |
|---|---|---|---|
| 33 42 11 00-0140 | EA | 30" Snap Ring Restrained Joint | 521.06 |
| 33 42 11 00-0141 | EA | 36" Snap Ring Restrained Joint | 593.21 |
| 33 42 11 00-0142 | EA | 42" Snap Ring Restrained Joint | 789.74 |
| 33 42 11 00-0143 | EA | 48" Snap Ring Restrained Joint | 895.80 |
| 33 42 11 00-0144 | EA | 54" Snap Ring Restrained Joint | 1,015.81 |
| 33 42 11 00-0145 | EA | 60" Snap Ring Restrained Joint | 1,150.18 |
| 33 42 11 00-0146 | EA | 66" Snap Ring Restrained Joint | 1,273.25 |
| 33 42 11 00-0147 | EA | 72" Snap Ring Restrained Joint | 1,418.93 |

### 33 42 11 00-0148 Pipe Repairs *(33 42 11 00-0092)*

Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.

### 33 42 11 00-0149 Lined Cylinder Pipe Repair *(33 42 11 00-0148)*

| | | | |
|---|---|---|---|
| 33 42 11 00-0150 | EA | 30" Lined Cylinder Pipe Repair | 5,248.79 |
| 33 42 11 00-0151 | EA | 36" Lined Cylinder Pipe Repair | 6,505.03 |
| 33 42 11 00-0152 | EA | 42" Lined Cylinder Pipe Repair | 8,604.38 |

### 33 42 11 00-0153 Embedded Cylinder Pipe Repair *(33 42 11 00-0148)*

Note: Field welded concrete enclosure assembly with concrete pipe.

| | | | |
|---|---|---|---|
| 33 42 11 00-0154 | EA | 48" Embedded Cylinder Pipe Repair | 12,923.38 |
| 33 42 11 00-0155 | EA | 54" Embedded Cylinder Pipe Repair | 15,023.26 |
| 33 42 11 00-0156 | EA | 60" Embedded Cylinder Pipe Repair | 17,137.46 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0157 | EA | 66" Embedded Cylinder Pipe Repair | 19,363.80 | |
| 33 42 11 00-0158 | EA | 72" Embedded Cylinder Pipe Repair | 23,338.96 | |
| 33 42 11 00-0159 | | **High Density Polyethylene (HDPE) Drainage Piping** *(33 42 11)* | | |
| 33 42 11 00-0160 | | **Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0159)* | | |
| | | Note: Excludes couplings and gaskets. | | |
| 33 42 11 00-0161 | | **Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0160)* | | |
| 33 42 11 00-0162 | LF | 4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 12.87 | 5.66 |
| | | *For <100, Add* | *2.26* | |
| | | *For >1,000, Deduct* | *-1.21* | |
| 33 42 11 00-0163 | LF | 6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 17.12 | 6.58 |
| | | *For <100, Add* | *2.63* | |
| | | *For >1,000, Deduct* | *-1.51* | |
| 33 42 11 00-0164 | LF | 8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 21.23 | 7.66 |
| | | *For <100, Add* | *3.06* | |
| | | *For >1,000, Deduct* | *-1.83* | |
| 33 42 11 00-0165 | LF | 10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 24.38 | 7.93 |
| | | *For <100, Add* | *3.17* | |
| | | *For >1,000, Deduct* | *-2.01* | |
| 33 42 11 00-0166 | LF | 12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 25.68 | 8.20 |
| | | *For <100, Add* | *3.28* | |
| | | *For >1,000, Deduct* | *-2.10* | |
| 33 42 11 00-0167 | LF | 15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 29.42 | 8.50 |
| | | *For <100, Add* | *3.40* | |
| | | *For >1,000, Deduct* | *-2.32* | |
| 33 42 11 00-0168 | LF | 18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 36.15 | 8.80 |
| | | *For <100, Add* | *3.52* | |
| | | *For >1,000, Deduct* | *-2.69* | |
| 33 42 11 00-0169 | LF | 24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 50.14 | 10.32 |
| | | *For <100, Add* | *4.12* | |
| | | *For >1,000, Deduct* | *-3.54* | |
| 33 42 11 00-0170 | LF | 30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 71.39 | 13.88 |
| | | *For <100, Add* | *5.55* | |
| | | *For >1,000, Deduct* | *-4.96* | |
| 33 42 11 00-0171 | LF | 36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 94.07 | 17.54 |
| | | *For <100, Add* | *7.02* | |
| | | *For >1,000, Deduct* | *-6.46* | |
| 33 42 11 00-0172 | | **Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0160)* | | |
| 33 42 11 00-0173 | LF | 12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 25.52 | 8.20 |
| | | *For <100, Add* | *3.28* | |
| | | *For >1,000, Deduct* | *-2.10* | |
| 33 42 11 00-0174 | LF | 15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 30.08 | 8.50 |
| | | *For <100, Add* | *3.40* | |
| | | *For >1,000, Deduct* | *-2.35* | |
| 33 42 11 00-0175 | LF | 18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 37.13 | 8.80 |
| | | *For <100, Add* | *3.52* | |
| | | *For >1,000, Deduct* | *-2.74* | |
| 33 42 11 00-0176 | LF | 24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 51.70 | 10.32 |
| | | *For <100, Add* | *4.12* | |
| | | *For >1,000, Deduct* | *-3.62* | |
| 33 42 11 00-0177 | LF | 30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 75.64 | 13.88 |
| | | *For <100, Add* | *5.55* | |
| | | *For >1,000, Deduct* | *-5.17* | |
| 33 42 11 00-0178 | LF | 36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 97.23 | 17.54 |
| | | *For <100, Add* | *7.02* | |
| | | *For >1,000, Deduct* | *-6.62* | |
| 33 42 11 00-0179 | LF | 42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 127.98 | 19.15 |
| | | *For <100, Add* | *7.66* | |
| | | *For >1,000, Deduct* | *-8.31* | |
| 33 42 11 00-0180 | LF | 48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 139.32 | 21.60 |
| | | *For <100, Add* | *8.64* | |
| | | *For >1,000, Deduct* | *-9.13* | |
| 33 42 11 00-0181 | | **Perforated, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0159)* | | |
| | | Note: Excludes couplings and gaskets. | | |
| 33 42 11 00-0182 | | **Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0181)* | | |
| 33 42 11 00-0183 | LF | 4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 13.69 | 5.66 |
| | | *For <100, Add* | *2.26* | |
| | | *For >1,000, Deduct* | *-1.25* | |
| 33 42 11 00-0184 | LF | 6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 17.15 | 6.58 |
| | | *For <100, Add* | *2.63* | |
| | | *For >1,000, Deduct* | *-1.52* | |
| 33 42 11 00-0185 | LF | 8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 21.23 | 7.66 |
| | | *For <100, Add* | *3.06* | |
| | | *For >1,000, Deduct* | *-1.83* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0186 | LF | 10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 24.41 | 7.93 |
| | | *For <100, Add* | *3.17* | |
| | | *For >1,000, Deduct* | *-2.01* | |
| 33 42 11 00-0187 | LF | 12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 25.68 | 8.20 |
| | | *For <100, Add* | *3.28* | |
| | | *For >1,000, Deduct* | *-2.10* | |
| 33 42 11 00-0188 | LF | 15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 29.45 | 8.50 |
| | | *For <100, Add* | *3.40* | |
| | | *For >1,000, Deduct* | *-2.32* | |
| 33 42 11 00-0189 | LF | 18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 36.17 | 8.80 |
| | | *For <100, Add* | *3.52* | |
| | | *For >1,000, Deduct* | *-2.69* | |
| 33 42 11 00-0190 | LF | 24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 50.14 | 10.32 |
| | | *For <100, Add* | *4.12* | |
| | | *For >1,000, Deduct* | *-3.54* | |
| 33 42 11 00-0191 | LF | 30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 71.66 | 13.88 |
| | | *For <100, Add* | *5.55* | |
| | | *For >1,000, Deduct* | *-4.97* | |
| 33 42 11 00-0192 | LF | 36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 94.07 | 17.54 |
| | | *For <100, Add* | *7.02* | |
| | | *For >1,000, Deduct* | *-6.46* | |

## 33 42 11 00-0193 Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0181)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0194 | LF | 12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 25.54 | 8.20 |
| | | *For <100, Add* | *3.28* | |
| | | *For >1,000, Deduct* | *-2.10* | |
| 33 42 11 00-0195 | LF | 15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 30.10 | 8.50 |
| | | *For <100, Add* | *3.40* | |
| | | *For >1,000, Deduct* | *-2.35* | |
| 33 42 11 00-0196 | LF | 18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 37.16 | 8.80 |
| | | *For <100, Add* | *3.52* | |
| | | *For >1,000, Deduct* | *-2.74* | |
| 33 42 11 00-0197 | LF | 24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 51.70 | 10.32 |
| | | *For <100, Add* | *4.12* | |
| | | *For >1,000, Deduct* | *-3.62* | |
| 33 42 11 00-0198 | LF | 30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 75.64 | 13.88 |
| | | *For <100, Add* | *5.55* | |
| | | *For >1,000, Deduct* | *-5.17* | |
| 33 42 11 00-0199 | LF | 36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 97.23 | 17.54 |
| | | *For <100, Add* | *7.02* | |
| | | *For >1,000, Deduct* | *-6.62* | |
| 33 42 11 00-0200 | LF | 42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 127.98 | 19.15 |
| | | *For <100, Add* | *7.66* | |
| | | *For >1,000, Deduct* | *-8.31* | |
| 33 42 11 00-0201 | LF | 48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe | 139.32 | 21.60 |
| | | *For <100, Add* | *8.64* | |
| | | *For >1,000, Deduct* | *-9.13* | |

## 33 42 11 00-0202 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0159)*

Note: Excludes couplings and gaskets.

## 33 42 11 00-0203 Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0202)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0204 | EA | 4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 56.13 | 20.75 |
| 33 42 11 00-0205 | EA | 6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 70.56 | 24.21 |
| 33 42 11 00-0206 | EA | 8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 114.10 | 29.40 |
| 33 42 11 00-0207 | EA | 10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 174.19 | 36.33 |
| 33 42 11 00-0208 | EA | 12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 275.10 | 43.25 |
| 33 42 11 00-0209 | EA | 15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 388.36 | 56.50 |
| 33 42 11 00-0210 | EA | 18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 558.59 | 76.10 |
| 33 42 11 00-0211 | EA | 24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 716.11 | 86.87 |
| 33 42 11 00-0212 | EA | 30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 1,252.17 | 100.32 |
| 33 42 11 00-0213 | EA | 36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 1,608.43 | 115.89 |
| 33 42 11 00-0214 | EA | 42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 2,678.63 | 138.37 |
| 33 42 11 00-0215 | EA | 48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 3,362.29 | 164.32 |

## 33 42 11 00-0216 Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0202)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0217 | EA | 4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 82.43 | 20.75 |
| 33 42 11 00-0218 | EA | 6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 99.42 | 24.21 |
| 33 42 11 00-0219 | EA | 8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 132.32 | 29.40 |
| 33 42 11 00-0220 | EA | 10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 194.28 | 36.33 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0221 | EA | 12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 339.72 | 43.25 |
| 33 42 11 00-0222 | EA | 15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 368.53 | 56.50 |
| 33 42 11 00-0223 | EA | 18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 520.03 | 76.10 |
| **33 42 11 00-0224** | | **22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)** *(33 42 11 00-0202)* | | |
| 33 42 11 00-0225 | EA | 4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 34.11 | 13.84 |
| 33 42 11 00-0226 | EA | 6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 42.12 | 16.15 |
| 33 42 11 00-0227 | EA | 8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 61.48 | 19.61 |
| 33 42 11 00-0228 | EA | 10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 77.38 | 24.21 |
| 33 42 11 00-0229 | EA | 12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 112.33 | 28.83 |
| 33 42 11 00-0230 | EA | 15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 177.54 | 36.90 |
| 33 42 11 00-0231 | EA | 18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 235.29 | 50.74 |
| 33 42 11 00-0232 | EA | 24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 446.91 | 57.65 |
| 33 42 11 00-0233 | EA | 30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 621.10 | 66.88 |
| 33 42 11 00-0234 | EA | 36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 727.86 | 77.26 |
| 33 42 11 00-0235 | EA | 42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 930.24 | 92.25 |
| 33 42 11 00-0236 | EA | 48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 1,257.73 | 109.54 |
| **33 42 11 00-0237** | | **45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)** *(33 42 11 00-0202)* | | |
| 33 42 11 00-0238 | EA | 4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 36.99 | 13.84 |
| 33 42 11 00-0239 | EA | 6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 48.11 | 16.15 |
| 33 42 11 00-0240 | EA | 8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 64.54 | 19.61 |
| 33 42 11 00-0241 | EA | 10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 102.28 | 24.21 |
| 33 42 11 00-0242 | EA | 12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 112.33 | 28.83 |
| 33 42 11 00-0243 | EA | 15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 177.04 | 36.90 |
| 33 42 11 00-0244 | EA | 18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 275.44 | 50.74 |
| 33 42 11 00-0245 | EA | 24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 477.93 | 57.65 |
| 33 42 11 00-0246 | EA | 30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 622.58 | 66.88 |
| 33 42 11 00-0247 | EA | 36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 794.72 | 77.26 |
| 33 42 11 00-0248 | EA | 42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 1,188.28 | 92.25 |
| 33 42 11 00-0249 | EA | 48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) | 1,489.00 | 109.54 |
| **33 42 11 00-0250** | | **Couplings And End Caps, Corrugated High Density Polyethylene (HDPE) Pipe Fittings** *(33 42 11 00-0159)* |
| | | Note: For single and double wall high density polyethylene (HDPE) piping. |
| **33 42 11 00-0251** | | **Couplings, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0250)* | | |
| 33 42 11 00-0252 | EA | 4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 1.72 | |
| 33 42 11 00-0253 | EA | 6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 3.08 | |
| 33 42 11 00-0254 | EA | 8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 4.74 | |
| 33 42 11 00-0255 | EA | 10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 5.83 | |
| 33 42 11 00-0256 | EA | 12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 6.27 | |
| 33 42 11 00-0257 | EA | 15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 8.93 | |
| 33 42 11 00-0258 | EA | 18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 13.21 | |
| 33 42 11 00-0259 | EA | 24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 21.02 | |
| 33 42 11 00-0260 | EA | 30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 32.28 | |
| 33 42 11 00-0261 | EA | 36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 42.23 | |
| 33 42 11 00-0262 | EA | 42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 66.39 | |
| 33 42 11 00-0263 | EA | 48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe | 89.80 | |
| **33 42 11 00-0264** | | **Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0250)* | | |
| 33 42 11 00-0265 | EA | 4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 90.92 | |
| 33 42 11 00-0266 | EA | 6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 95.20 | |
| 33 42 11 00-0267 | EA | 8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 99.68 | |
| 33 42 11 00-0268 | EA | 10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 104.37 | |
| 33 42 11 00-0269 | EA | 12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 123.79 | |
| 33 42 11 00-0270 | EA | 15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 127.81 | |
| 33 42 11 00-0271 | EA | 18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 133.31 | |
| 33 42 11 00-0272 | EA | 24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 151.84 | |
| 33 42 11 00-0273 | EA | 30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 243.41 | |
| 33 42 11 00-0274 | EA | 36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 266.61 | |
| 33 42 11 00-0275 | EA | 42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 290.50 | |
| 33 42 11 00-0276 | EA | 48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe | 352.81 | |
| **33 42 11 00-0277** | | **End Caps, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0250)* | | |
| 33 42 11 00-0278 | EA | 6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe | 28.52 | |
| 33 42 11 00-0279 | EA | 8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe | 33.56 | |
| 33 42 11 00-0280 | EA | 10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe | 54.83 | |
| 33 42 11 00-0281 | EA | 12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe | 93.80 | |
| 33 42 11 00-0282 | EA | 15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe | 109.24 | |
| 33 42 11 00-0283 | EA | 18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe | 147.91 | |
| 33 42 11 00-0284 | EA | 24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe | 153.17 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0285 | | Vitrified Clay Piping *(33 42 11)* | | |
| 33 42 11 00-0286 | | Extra Strength Vitrified Clay Piping *(33 42 11 00-0285)* | | |
| 33 42 11 00-0287 | | Plain Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0286)* | | |
| | | Note: ASTM C700. | | |
| 33 42 11 00-0288 | LF | 4" Plain Joint, Extra Strength, Vitrified Clay Pipe | 18.71 | |
| | | *For 3' Lengths, Add* | *1.68* | |
| | | *For 2' Lengths, Add* | *2.24* | |
| | | *For Standard Strength, Deduct* | *-0.56* | |
| | | *For >1,000, Deduct* | *-0.94* | |
| 33 42 11 00-0289 | LF | 6" Plain Joint, Extra Strength, Vitrified Clay Pipe | 31.06 | |
| | | *For 3' Lengths, Add* | *2.60* | |
| | | *For 2' Lengths, Add* | *3.47* | |
| | | *For Standard Strength, Deduct* | *-0.87* | |
| | | *For >1,000, Deduct* | *-1.55* | |
| 33 42 11 00-0290 | LF | 8" Plain Joint, Extra Strength, Vitrified Clay Pipe | 37.26 | |
| | | *For 3' Lengths, Add* | *3.72* | |
| | | *For 2' Lengths, Add* | *4.96* | |
| | | *For Standard Strength, Deduct* | *-1.24* | |
| | | *For >1,000, Deduct* | *-1.86* | |
| 33 42 11 00-0291 | LF | 10" Plain Joint, Extra Strength, Vitrified Clay Pipe | 45.02 | |
| | | *For 3' Lengths, Add* | *5.70* | |
| | | *For 2' Lengths, Add* | *7.60* | |
| | | *For Standard Strength, Deduct* | *-1.90* | |
| | | *For >1,000, Deduct* | *-2.25* | |
| 33 42 11 00-0292 | LF | 12" Plain Joint, Extra Strength, Vitrified Clay Pipe | 55.21 | |
| | | *For 3' Lengths, Add* | *8.04* | |
| | | *For 2' Lengths, Add* | *10.72* | |
| | | *For Standard Strength, Deduct* | *-2.68* | |
| | | *For >1,000, Deduct* | *-2.76* | |
| 33 42 11 00-0293 | LF | 15" Plain Joint, Extra Strength, Vitrified Clay Pipe | 81.87 | |
| | | *For 3' Lengths, Add* | *15.08* | |
| | | *For 2' Lengths, Add* | *20.11* | |
| | | *For Standard Strength, Deduct* | *-5.03* | |
| | | *For >1,000, Deduct* | *-4.09* | |
| 33 42 11 00-0294 | LF | 18" Plain Joint, Extra Strength, Vitrified Clay Pipe | 111.47 | |
| | | *For 3' Lengths, Add* | *21.62* | |
| | | *For 2' Lengths, Add* | *28.82* | |
| | | *For Standard Strength, Deduct* | *-7.21* | |
| | | *For >1,000, Deduct* | *-5.57* | |
| 33 42 11 00-0295 | LF | 21" Plain Joint, Extra Strength, Vitrified Clay Pipe | 165.13 | |
| | | *For 3' Lengths, Add* | *34.63* | |
| | | *For 2' Lengths, Add* | *46.18* | |
| | | *For Standard Strength, Deduct* | *-11.54* | |
| | | *For >1,000, Deduct* | *-8.26* | |
| 33 42 11 00-0296 | LF | 24" Plain Joint, Extra Strength, Vitrified Clay Pipe | 211.15 | |
| | | *For 3' Lengths, Add* | *45.24* | |
| | | *For 2' Lengths, Add* | *60.32* | |
| | | *For Standard Strength, Deduct* | *-15.08* | |
| | | *For >1,000, Deduct* | *-10.56* | |
| 33 42 11 00-0297 | LF | 30" Plain Joint, Extra Strength, Vitrified Clay Pipe | 261.32 | |
| | | *For 3' Lengths, Add* | *56.42* | |
| | | *For 2' Lengths, Add* | *75.22* | |
| | | *For Standard Strength, Deduct* | *-18.81* | |
| | | *For >1,000, Deduct* | *-13.07* | |
| 33 42 11 00-0298 | LF | 36" Plain Joint, Extra Strength, Vitrified Clay Pipe | 316.13 | |
| | | *For 3' Lengths, Add* | *68.15* | |
| | | *For 2' Lengths, Add* | *90.86* | |
| | | *For Standard Strength, Deduct* | *-22.72* | |
| | | *For >1,000, Deduct* | *-15.81* | |
| 33 42 11 00-0299 | | Compression Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0286)* | | |
| | | Note: ASTM C425. | | |
| 33 42 11 00-0300 | LF | 4" Compression Joint, Extra Strength, Vitrified Clay Pipe | 26.48 | |
| | | *For 3' Lengths, Add* | *1.98* | |
| | | *For 2' Lengths, Add* | *2.64* | |
| | | *For Standard Strength, Deduct* | *-0.66* | |
| | | *For >1,000, Deduct* | *-1.32* | |
| 33 42 11 00-0301 | LF | 6" Compression Joint, Extra Strength, Vitrified Clay Pipe | 33.14 | |
| | | *For 3' Lengths, Add* | *3.23* | |
| | | *For 2' Lengths, Add* | *4.30* | |
| | | *For Standard Strength, Deduct* | *-1.08* | |
| | | *For >1,000, Deduct* | *-1.66* | |
| 33 42 11 00-0302 | LF | 8" Compression Joint, Extra Strength, Vitrified Clay Pipe | 40.05 | |
| | | *For 3' Lengths, Add* | *4.56* | |
| | | *For 2' Lengths, Add* | *6.08* | |
| | | *For Standard Strength, Deduct* | *-1.52* | |
| | | *For >1,000, Deduct* | *-2.00* | |
| 33 42 11 00-0303 | LF | 10" Compression Joint, Extra Strength, Vitrified Clay Pipe | 50.98 | |
| | | *For 3' Lengths, Add* | *7.49* | |
| | | *For 2' Lengths, Add* | *9.98* | |
| | | *For Standard Strength, Deduct* | *-2.50* | |
| | | *For >1,000, Deduct* | *-2.55* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0304 | LF | 12" Compression Joint, Extra Strength, Vitrified Clay Pipe | 61.17 | |
| | | *For 3' Lengths, Add* | *9.83* | |
| | | *For 2' Lengths, Add* | *13.11* | |
| | | *For Standard Strength, Deduct* | *-3.28* | |
| | | *For >1,000, Deduct* | *-3.06* | |
| 33 42 11 00-0305 | LF | 15" Compression Joint, Extra Strength, Vitrified Clay Pipe | 91.37 | |
| | | *For 3' Lengths, Add* | *17.93* | |
| | | *For 2' Lengths, Add* | *23.91* | |
| | | *For Standard Strength, Deduct* | *-5.98* | |
| | | *For >1,000, Deduct* | *-4.57* | |
| 33 42 11 00-0306 | LF | 18" Compression Joint, Extra Strength, Vitrified Clay Pipe | 126.92 | |
| | | *For 3' Lengths, Add* | *26.25* | |
| | | *For 2' Lengths, Add* | *35.00* | |
| | | *For Standard Strength, Deduct* | *-8.75* | |
| | | *For >1,000, Deduct* | *-6.35* | |
| 33 42 11 00-0307 | LF | 21" Compression Joint, Extra Strength, Vitrified Clay Pipe | 182.82 | |
| | | *For 3' Lengths, Add* | *39.94* | |
| | | *For 2' Lengths, Add* | *53.25* | |
| | | *For Standard Strength, Deduct* | *-13.31* | |
| | | *For >1,000, Deduct* | *-9.14* | |
| 33 42 11 00-0308 | LF | 24" Compression Joint, Extra Strength, Vitrified Clay Pipe | 239.08 | |
| | | *For 3' Lengths, Add* | *53.62* | |
| | | *For 2' Lengths, Add* | *71.50* | |
| | | *For Standard Strength, Deduct* | *-17.87* | |
| | | *For >1,000, Deduct* | *-11.95* | |
| 33 42 11 00-0309 | LF | 30" Compression Joint, Extra Strength, Vitrified Clay Pipe | 384.21 | |
| | | *For 3' Lengths, Add* | *93.28* | |
| | | *For 2' Lengths, Add* | *124.38* | |
| | | *For Standard Strength, Deduct* | *-31.09* | |
| | | *For >1,000, Deduct* | *-19.21* | |
| 33 42 11 00-0310 | LF | 36" Compression Joint, Extra Strength, Vitrified Clay Pipe | 547.01 | |
| | | *For 3' Lengths, Add* | *137.41* | |
| | | *For 2' Lengths, Add* | *183.21* | |
| | | *For Standard Strength, Deduct* | *-45.80* | |
| | | *For >1,000, Deduct* | *-27.35* | |

### 33 42 11 00-0311 Extra Strength, Vitrified Clay Pipe Fittings *(33 42 11 00-0285)*

### 33 42 11 00-0312 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0311)*

### 33 42 11 00-0313 Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 42 11 00-0312)*

| | | | |
|---|---|---|---|
| 33 42 11 00-0314 | EA | 4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 79.25 |
| 33 42 11 00-0315 | EA | 6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 107.37 |
| 33 42 11 00-0316 | EA | 8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 154.20 |
| 33 42 11 00-0317 | EA | 10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 213.17 |
| 33 42 11 00-0318 | EA | 12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 282.29 |
| 33 42 11 00-0319 | EA | 15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 679.07 |
| 33 42 11 00-0320 | EA | 18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 958.48 |
| 33 42 11 00-0321 | EA | 21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 1,497.06 |
| 33 42 11 00-0322 | EA | 24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 1,727.43 |
| 33 42 11 00-0323 | EA | 30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 2,005.26 |
| 33 42 11 00-0324 | EA | 36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay | 3,012.23 |

### 33 42 11 00-0325 Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0312)*

| | | | |
|---|---|---|---|
| 33 42 11 00-0326 | EA | 4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 89.42 |
| 33 42 11 00-0327 | EA | 6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 127.78 |
| 33 42 11 00-0328 | EA | 8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 173.74 |
| 33 42 11 00-0329 | EA | 10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 234.15 |
| 33 42 11 00-0330 | EA | 12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 297.78 |
| 33 42 11 00-0331 | EA | 15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 761.45 |
| 33 42 11 00-0332 | EA | 18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 1,108.80 |
| 33 42 11 00-0333 | EA | 21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 1,138.45 |
| 33 42 11 00-0334 | EA | 24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 2,212.83 |
| 33 42 11 00-0335 | EA | 30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 2,463.14 |
| 33 42 11 00-0336 | EA | 36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay | 3,662.38 |

### 33 42 11 00-0337 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0311)*

### 33 42 11 00-0338 Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0337)*

| | | | |
|---|---|---|---|
| 33 42 11 00-0339 | EA | 4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 92.39 |
| 33 42 11 00-0340 | EA | 6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 123.19 |
| 33 42 11 00-0341 | EA | 8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 172.70 |
| 33 42 11 00-0342 | EA | 10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 233.32 |
| 33 42 11 00-0343 | EA | 12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 305.01 |
| 33 42 11 00-0344 | EA | 15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 704.34 |
| 33 42 11 00-0345 | EA | 18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 990.00 |
| 33 42 11 00-0346 | EA | 21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 1,536.82 |
| 33 42 11 00-0347 | EA | 24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 1,775.70 |
| 33 42 11 00-0348 | EA | 30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 2,065.46 |
| 33 42 11 00-0349 | EA | 36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay | 3,079.14 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 42 11 00-0350** | | **Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay** *(33 42 11 00-0337)* | | |
| 33 42 11 00-0351 | EA | 4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 105.18 | |
| 33 42 11 00-0352 | EA | 6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 146.75 | |
| 33 42 11 00-0353 | EA | 8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 195.93 | |
| 33 42 11 00-0354 | EA | 10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 258.34 | |
| 33 42 11 00-0355 | EA | 12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 325.04 | |
| 33 42 11 00-0356 | EA | 15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 791.78 | |
| 33 42 11 00-0357 | EA | 18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 1,146.63 | |
| 33 42 11 00-0358 | EA | 21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 2,229.87 | |
| 33 42 11 00-0359 | EA | 24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 2,270.76 | |
| 33 42 11 00-0360 | EA | 30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 2,535.39 | |
| 33 42 11 00-0361 | EA | 36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay | 3,742.68 | |
| **33 42 11 00-0362** | | **Wyes Or Tees, Extra Strength, Vitrified Clay** *(33 42 11 00-0311)* | | |
| **33 42 11 00-0363** | | **Plain End Wyes Or Tees, Extra Strength, Vitrified Clay** *(33 42 11 00-0362)* | | |
| 33 42 11 00-0364 | EA | 4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 101.08 | |
| 33 42 11 00-0365 | EA | 6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 132.31 | |
| 33 42 11 00-0366 | EA | 8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 180.62 | |
| 33 42 11 00-0367 | EA | 10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 240.35 | |
| 33 42 11 00-0368 | EA | 12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 304.53 | |
| 33 42 11 00-0369 | EA | 15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 710.22 | |
| 33 42 11 00-0370 | EA | 18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 994.82 | |
| 33 42 11 00-0371 | EA | 21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 1,438.79 | |
| 33 42 11 00-0372 | EA | 24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 2,003.94 | |
| 33 42 11 00-0373 | EA | 30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 2,118.65 | |
| 33 42 11 00-0374 | EA | 36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay | 3,051.90 | |
| **33 42 11 00-0375** | | **Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay** *(33 42 11 00-0362)* | | |
| 33 42 11 00-0376 | EA | 4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 123.58 | |
| 33 42 11 00-0377 | EA | 6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 170.17 | |
| 33 42 11 00-0378 | EA | 8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 224.83 | |
| 33 42 11 00-0379 | EA | 10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 292.64 | |
| 33 42 11 00-0380 | EA | 12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 365.80 | |
| 33 42 11 00-0381 | EA | 15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 864.01 | |
| 33 42 11 00-0382 | EA | 18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 1,246.66 | |
| 33 42 11 00-0383 | EA | 21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 1,852.90 | |
| 33 42 11 00-0384 | EA | 24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 2,456.14 | |
| 33 42 11 00-0385 | EA | 30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay | 2,839.82 | |
| 33 42 11 00-0386 | EA | 36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee | 4,036.83 | |
| **33 42 11 00-0387** | | **Corrugated Metal Piping** *(33 42 11)* | | |
| **33 42 11 00-0388** | | **Galvanized Corrugated Steel Piping** *(33 42 11 00-0387)* | | |
| **33 42 11 00-0389** | | **2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0388)* | | |
| **33 42 11 00-0390** | | **16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0389)* | | |
| 33 42 11 00-0391 | LF | 12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 30.55 | 8.25 |
| | | *For Bituminous Coated Pipe, Add* | *3.24* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *6.63* | |
| | | *For Smooth-Flo, Add* | *11.85* | |
| 33 42 11 00-0392 | LF | 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 34.62 | 8.65 |
| | | *For Bituminous Coated Pipe, Add* | *4.08* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *8.35* | |
| | | *For Smooth-Flo, Add* | *14.91* | |
| 33 42 11 00-0393 | LF | 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 38.83 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *4.94* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *10.11* | |
| | | *For Smooth-Flo, Add* | *18.06* | |
| 33 42 11 00-0394 | LF | 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 44.29 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *5.91* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *12.10* | |
| | | *For Smooth-Flo, Add* | *21.60* | |
| 33 42 11 00-0395 | LF | 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 49.05 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *6.66* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *13.61* | |
| | | *For Smooth-Flo, Add* | *24.31* | |
| 33 42 11 00-0396 | LF | 30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 64.70 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *8.63* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *17.66* | |
| | | *For Smooth-Flo, Add* | *31.54* | |
| 33 42 11 00-0397 | LF | 36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 85.13 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *10.89* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *22.28* | |
| | | *For Smooth-Flo, Add* | *39.79* | |
| 33 42 11 00-0398 | LF | 42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 97.00 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *12.89* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *26.36* | |
| | | *For Smooth-Flo, Add* | *47.07* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0399 | LF | 48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 109.02 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *14.44* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *29.53* | |
| | | *For Smooth-Flo, Add* | *52.73* | |
| 33 42 11 00-0400 | | 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0389)* | | |
| 33 42 11 00-0401 | LF | 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 33.44 | 8.25 |
| | | *For Bituminous Coated Pipe, Add* | *3.29* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *7.62* | |
| | | *For Smooth-Flo, Add* | *15.41* | |
| 33 42 11 00-0402 | LF | 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 38.18 | 8.65 |
| | | *For Bituminous Coated Pipe, Add* | *4.13* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *9.56* | |
| | | *For Smooth-Flo, Add* | *19.33* | |
| 33 42 11 00-0403 | LF | 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 43.14 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *5.00* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *11.58* | |
| | | *For Smooth-Flo, Add* | *23.40* | |
| 33 42 11 00-0404 | LF | 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 49.27 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *5.94* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *13.77* | |
| | | *For Smooth-Flo, Add* | *27.83* | |
| 33 42 11 00-0405 | LF | 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 54.84 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *6.72* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *15.58* | |
| | | *For Smooth-Flo, Add* | *31.49* | |
| 33 42 11 00-0406 | LF | 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 71.77 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *8.64* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *20.01* | |
| | | *For Smooth-Flo, Add* | *40.44* | |
| 33 42 11 00-0407 | LF | 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 93.71 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *10.83* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *25.08* | |
| | | *For Smooth-Flo, Add* | *50.70* | |
| 33 42 11 00-0408 | LF | 42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 106.83 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *12.74* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *29.52* | |
| | | *For Smooth-Flo, Add* | *59.67* | |
| 33 42 11 00-0409 | LF | 48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 120.26 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *14.32* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *33.18* | |
| | | *For Smooth-Flo, Add* | *67.06* | |
| 33 42 11 00-0410 | LF | 54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 143.82 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *17.61* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *40.80* | |
| | | *For Smooth-Flo, Add* | *82.48* | |
| 33 42 11 00-0411 | | 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0389)* | | |
| 33 42 11 00-0412 | LF | 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 52.06 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *5.72* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *10.33* | |
| | | *For Smooth-Flo, Add* | *19.86* | |
| 33 42 11 00-0413 | LF | 21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 59.64 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *6.76* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *12.22* | |
| | | *For Smooth-Flo, Add* | *23.48* | |
| 33 42 11 00-0414 | LF | 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 66.66 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *7.67* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *13.85* | |
| | | *For Smooth-Flo, Add* | *26.61* | |
| 33 42 11 00-0415 | LF | 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 86.38 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *9.75* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *17.61* | |
| | | *For Smooth-Flo, Add* | *33.84* | |
| 33 42 11 00-0416 | LF | 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 111.05 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *12.06* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *21.78* | |
| | | *For Smooth-Flo, Add* | *41.85* | |
| 33 42 11 00-0417 | LF | 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 126.86 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *14.13* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *25.51* | |
| | | *For Smooth-Flo, Add* | *49.03* | |
| 33 42 11 00-0418 | LF | 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 143.22 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *15.95* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *28.81* | |
| | | *For Smooth-Flo, Add* | *55.37* | |
| 33 42 11 00-0419 | LF | 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 169.17 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *19.13* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *34.55* | |
| | | *For Smooth-Flo, Add* | *66.40* | |
| 33 42 11 00-0420 | LF | 60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 184.95 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *20.95* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *37.83* | |
| | | *For Smooth-Flo, Add* | *72.71* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0421 | LF | 66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 224.09 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *25.51* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *46.06* | |
| | | *For Smooth-Flo, Add* | *88.52* | |
| 33 42 11 00-0422 | | 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0389)* | | |
| 33 42 11 00-0423 | LF | 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 127.27 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *15.34* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *25.62* | |
| | | *For Smooth-Flo, Add* | *36.56* | |
| 33 42 11 00-0424 | LF | 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 145.85 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *17.97* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *30.02* | |
| | | *For Smooth-Flo, Add* | *42.83* | |
| 33 42 11 00-0425 | LF | 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 164.77 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *20.31* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *33.93* | |
| | | *For Smooth-Flo, Add* | *48.41* | |
| 33 42 11 00-0426 | LF | 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 193.30 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *24.05* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *40.18* | |
| | | *For Smooth-Flo, Add* | *57.33* | |
| 33 42 11 00-0427 | LF | 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 211.81 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *26.42* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *44.13* | |
| | | *For Smooth-Flo, Add* | *62.97* | |
| 33 42 11 00-0428 | LF | 66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 253.61 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *31.60* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *52.79* | |
| | | *For Smooth-Flo, Add* | *75.33* | |
| 33 42 11 00-0429 | LF | 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe | 302.19 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *33.93* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *56.68* | |
| | | *For Smooth-Flo, Add* | *80.88* | |
| 33 42 11 00-0430 | | 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)* | | |
| 33 42 11 00-0431 | | 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0430)* | | |
| 33 42 11 00-0432 | LF | 36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 100.01 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *11.98* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *27.19* | |
| | | *For Smooth-Flo, Add* | *54.14* | |
| 33 42 11 00-0433 | LF | 42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 114.07 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *14.06* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *31.93* | |
| | | *For Smooth-Flo, Add* | *63.57* | |
| 33 42 11 00-0434 | LF | 48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 128.24 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *15.77* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *35.81* | |
| | | *For Smooth-Flo, Add* | *71.30* | |
| 33 42 11 00-0435 | LF | 54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 152.97 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *19.27* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *43.74* | |
| | | *For Smooth-Flo, Add* | *87.09* | |
| 33 42 11 00-0436 | LF | 60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 166.67 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *20.99* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *47.65* | |
| | | *For Smooth-Flo, Add* | *94.88* | |
| 33 42 11 00-0437 | LF | 66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 208.87 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *26.96* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *61.21* | |
| | | *For Smooth-Flo, Add* | *121.88* | |
| 33 42 11 00-0438 | LF | 72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 253.11 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *28.74* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *65.24* | |
| | | *For Smooth-Flo, Add* | *129.91* | |
| 33 42 11 00-0439 | LF | 78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 272.97 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *30.53* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *69.29* | |
| | | *For Smooth-Flo, Add* | *137.98* | |
| 33 42 11 00-0440 | LF | 84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 290.48 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *32.31* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *73.34* | |
| | | *For Smooth-Flo, Add* | *146.04* | |
| 33 42 11 00-0441 | LF | 90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 308.03 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *34.10* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *77.41* | |
| | | *For Smooth-Flo, Add* | *154.13* | |
| 33 42 11 00-0442 | LF | 96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 326.14 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *35.88* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *81.44* | |
| | | *For Smooth-Flo, Add* | *162.17* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0443 | LF | 102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 346.72 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *37.68* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *85.52* | |
| | | *For Smooth-Flo, Add* | *170.30* | |
| 33 42 11 00-0444 | | 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0430)* | | |
| 33 42 11 00-0445 | LF | 54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 168.16 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *22.31* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *43.72* | |
| | | *For Smooth-Flo, Add* | *88.33* | |
| 33 42 11 00-0446 | LF | 60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 183.47 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *24.35* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *47.73* | |
| | | *For Smooth-Flo, Add* | *96.43* | |
| 33 42 11 00-0447 | LF | 66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 227.35 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *30.66* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *60.09* | |
| | | *For Smooth-Flo, Add* | *121.41* | |
| 33 42 11 00-0448 | LF | 72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 273.24 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *32.77* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *64.23* | |
| | | *For Smooth-Flo, Add* | *129.76* | |
| 33 42 11 00-0449 | LF | 78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 294.71 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *34.87* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *68.35* | |
| | | *For Smooth-Flo, Add* | *138.10* | |
| 33 42 11 00-0450 | LF | 84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 313.94 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *37.00* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *72.52* | |
| | | *For Smooth-Flo, Add* | *146.53* | |
| 33 42 11 00-0451 | LF | 90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 333.08 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *39.11* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *76.66* | |
| | | *For Smooth-Flo, Add* | *154.88* | |
| 33 42 11 00-0452 | LF | 96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 352.83 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *41.22* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *80.78* | |
| | | *For Smooth-Flo, Add* | *163.22* | |
| 33 42 11 00-0453 | LF | 102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 375.03 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *43.34* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *84.94* | |
| | | *For Smooth-Flo, Add* | *171.62* | |
| 33 42 11 00-0454 | LF | 108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 399.20 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *45.46* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *89.10* | |
| | | *For Smooth-Flo, Add* | *180.01* | |
| 33 42 11 00-0455 | LF | 114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 422.83 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *47.54* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *93.17* | |
| | | *For Smooth-Flo, Add* | *188.25* | |
| 33 42 11 00-0456 | | 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0430)* | | |
| 33 42 11 00-0457 | LF | 60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 220.73 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *31.80* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *60.59* | |
| | | *For Smooth-Flo, Add* | *98.75* | |
| 33 42 11 00-0458 | LF | 66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 268.62 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *38.91* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *74.13* | |
| | | *For Smooth-Flo, Add* | *120.83* | |
| 33 42 11 00-0459 | LF | 72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 318.11 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *41.74* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *79.52* | |
| | | *For Smooth-Flo, Add* | *129.61* | |
| 33 42 11 00-0460 | LF | 78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 343.22 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *44.58* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *84.92* | |
| | | *For Smooth-Flo, Add* | *138.41* | |
| 33 42 11 00-0461 | LF | 84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 366.05 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *47.42* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *90.34* | |
| | | *For Smooth-Flo, Add* | *147.25* | |
| 33 42 11 00-0462 | LF | 90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 388.82 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *50.26* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *95.74* | |
| | | *For Smooth-Flo, Add* | *156.05* | |
| 33 42 11 00-0463 | LF | 96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 412.25 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *53.10* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *101.16* | |
| | | *For Smooth-Flo, Add* | *164.88* | |
| 33 42 11 00-0464 | LF | 102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 438.08 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *55.95* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *106.58* | |
| | | *For Smooth-Flo, Add* | *173.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0465 | LF | 108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 465.82 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *58.78* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *111.98* | |
| | | *For Smooth-Flo, Add* | *182.52* | |
| 33 42 11 00-0466 | LF | 114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 493.12 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *61.60* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *117.34* | |
| | | *For Smooth-Flo, Add* | *191.26* | |
| 33 42 11 00-0467 | LF | 120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 519.49 | 103.14 |
| | | *For Bituminous Coated Pipe, Add* | *64.44* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *122.77* | |
| | | *For Smooth-Flo, Add* | *200.10* | |
| 33 42 11 00-0468 | | 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0430)* | | |
| 33 42 11 00-0469 | LF | 72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 359.95 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *50.11* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *95.21* | |
| | | *For Smooth-Flo, Add* | *127.28* | |
| 33 42 11 00-0470 | LF | 78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 388.50 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *53.63* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *101.90* | |
| | | *For Smooth-Flo, Add* | *136.23* | |
| 33 42 11 00-0471 | LF | 84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 414.76 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *57.17* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *108.62* | |
| | | *For Smooth-Flo, Add* | *145.20* | |
| 33 42 11 00-0472 | LF | 90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 440.97 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *60.69* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *115.31* | |
| | | *For Smooth-Flo, Add* | *154.15* | |
| 33 42 11 00-0473 | LF | 96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 467.83 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *64.22* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *122.01* | |
| | | *For Smooth-Flo, Add* | *163.11* | |
| 33 42 11 00-0474 | LF | 102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 497.09 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *67.75* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *128.73* | |
| | | *For Smooth-Flo, Add* | *172.09* | |
| 33 42 11 00-0475 | LF | 108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 528.27 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *71.27* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *135.42* | |
| | | *For Smooth-Flo, Add* | *181.03* | |
| 33 42 11 00-0476 | LF | 114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 558.97 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *74.77* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *142.06* | |
| | | *For Smooth-Flo, Add* | *189.91* | |
| 33 42 11 00-0477 | LF | 120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 588.80 | 103.14 |
| | | *For Bituminous Coated Pipe, Add* | *78.31* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *148.78* | |
| | | *For Smooth-Flo, Add* | *198.90* | |
| 33 42 11 00-0478 | LF | 126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 620.19 | 111.75 |
| | | *For Bituminous Coated Pipe, Add* | *81.81* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *155.45* | |
| | | *For Smooth-Flo, Add* | *207.81* | |
| 33 42 11 00-0479 | LF | 132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 653.80 | 120.34 |
| | | *For Bituminous Coated Pipe, Add* | *85.35* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *162.17* | |
| | | *For Smooth-Flo, Add* | *216.79* | |
| 33 42 11 00-0480 | LF | 138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe | 690.03 | 128.93 |
| | | *For Bituminous Coated Pipe, Add* | *88.89* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *168.89* | |
| | | *For Smooth-Flo, Add* | *225.78* | |
| 33 42 11 00-0481 | | 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)* | | |
| 33 42 11 00-0482 | | 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0481)* | | |
| 33 42 11 00-0483 | LF | 48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 128.68 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *19.83* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *45.21* | |
| | | *For Smooth-Flo, Add* | *71.78* | |
| 33 42 11 00-0484 | LF | 54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 153.82 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *24.30* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *55.40* | |
| | | *For Smooth-Flo, Add* | *87.96* | |
| 33 42 11 00-0485 | LF | 60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 167.41 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *26.43* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *60.25* | |
| | | *For Smooth-Flo, Add* | *95.66* | |
| 33 42 11 00-0486 | LF | 66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 207.12 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *33.27* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *75.85* | |
| | | *For Smooth-Flo, Add* | *120.43* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0487 | LF | 72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 251.15 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *35.44* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *80.80* | |
| | | *For Smooth-Flo, Add* | *128.28* | |
| 33 42 11 00-0488 | LF | 78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 270.75 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *37.60* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *85.73* | |
| | | *For Smooth-Flo, Add* | *136.12* | |
| 33 42 11 00-0489 | LF | 84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 287.95 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *39.76* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *90.64* | |
| | | *For Smooth-Flo, Add* | *143.91* | |
| 33 42 11 00-0490 | LF | 90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 305.14 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *41.90* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *95.54* | |
| | | *For Smooth-Flo, Add* | *151.69* | |
| 33 42 11 00-0491 | LF | 96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 323.08 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *44.08* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *100.51* | |
| | | *For Smooth-Flo, Add* | *159.58* | |
| 33 42 11 00-0492 | LF | 102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 343.59 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *46.31* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *105.59* | |
| | | *For Smooth-Flo, Add* | *167.65* | |

### 33 42 11 00-0493 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0481)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0494 | LF | 54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 172.80 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *23.23* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *54.60* | |
| | | *For Smooth-Flo, Add* | *98.86* | |
| 33 42 11 00-0495 | LF | 60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 188.52 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *25.36* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *59.60* | |
| | | *For Smooth-Flo, Add* | *107.92* | |
| 33 42 11 00-0496 | LF | 66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 230.15 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *31.22* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *73.37* | |
| | | *For Smooth-Flo, Add* | *132.84* | |
| 33 42 11 00-0497 | LF | 72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 276.03 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *33.33* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *78.32* | |
| | | *For Smooth-Flo, Add* | *141.80* | |
| 33 42 11 00-0498 | LF | 78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 297.88 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *35.51* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *83.44* | |
| | | *For Smooth-Flo, Add* | *151.09* | |
| 33 42 11 00-0499 | LF | 84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 317.21 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *37.66* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *88.49* | |
| | | *For Smooth-Flo, Add* | *160.23* | |
| 33 42 11 00-0500 | LF | 90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 335.43 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *39.58* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *93.01* | |
| | | *For Smooth-Flo, Add* | *168.41* | |
| 33 42 11 00-0501 | LF | 96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 356.44 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *41.94* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *98.55* | |
| | | *For Smooth-Flo, Add* | *178.45* | |
| 33 42 11 00-0502 | LF | 102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 378.73 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *44.08* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *103.58* | |
| | | *For Smooth-Flo, Add* | *187.55* | |
| 33 42 11 00-0503 | LF | 108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 402.91 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *46.20* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *108.57* | |
| | | *For Smooth-Flo, Add* | *196.58* | |
| 33 42 11 00-0504 | LF | 114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 427.01 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *48.37* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *113.68* | |
| | | *For Smooth-Flo, Add* | *205.83* | |

### 33 42 11 00-0505 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0481)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0506 | LF | 60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 228.04 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *33.27* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *63.21* | |
| | | *For Smooth-Flo, Add* | *114.10* | |
| 33 42 11 00-0507 | LF | 66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 273.67 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *39.92* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *75.86* | |
| | | *For Smooth-Flo, Add* | *136.94* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0508 | LF | 72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 323.70 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *42.86* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *81.43* | |
| | | *For Smooth-Flo, Add* | *147.01* | |
| 33 42 11 00-0509 | LF | 78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 349.21 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *45.77* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *86.97* | |
| | | *For Smooth-Flo, Add* | *157.00* | |
| 33 42 11 00-0510 | LF | 84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 372.25 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *48.66* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *92.46* | |
| | | *For Smooth-Flo, Add* | *166.92* | |
| 33 42 11 00-0511 | LF | 90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 395.49 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *51.59* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *98.02* | |
| | | *For Smooth-Flo, Add* | *176.96* | |
| 33 42 11 00-0512 | LF | 96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 419.25 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *54.50* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *103.55* | |
| | | *For Smooth-Flo, Add* | *186.94* | |
| 33 42 11 00-0513 | LF | 102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 445.35 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *57.40* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *109.06* | |
| | | *For Smooth-Flo, Add* | *196.89* | |
| 33 42 11 00-0514 | LF | 108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 473.56 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *60.33* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *114.63* | |
| | | *For Smooth-Flo, Add* | *206.93* | |
| 33 42 11 00-0515 | LF | 114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 501.34 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *63.24* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *120.16* | |
| | | *For Smooth-Flo, Add* | *216.91* | |
| 33 42 11 00-0516 | LF | 120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 528.01 | 103.14 |
| | | *For Bituminous Coated Pipe, Add* | *66.15* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *125.68* | |
| | | *For Smooth-Flo, Add* | *226.89* | |

### 33 42 11 00-0517 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0481)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0518 | LF | 72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 369.35 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *51.99* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *98.78* | |
| | | *For Smooth-Flo, Add* | *155.19* | |
| 33 42 11 00-0519 | LF | 78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 399.10 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *55.75* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *105.93* | |
| | | *For Smooth-Flo, Add* | *166.42* | |
| 33 42 11 00-0520 | LF | 84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 426.11 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *59.44* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *112.93* | |
| | | *For Smooth-Flo, Add* | *177.42* | |
| 33 42 11 00-0521 | LF | 90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 452.95 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *63.08* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *119.86* | |
| | | *For Smooth-Flo, Add* | *188.31* | |
| 33 42 11 00-0522 | LF | 96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 480.62 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *66.77* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *126.87* | |
| | | *For Smooth-Flo, Add* | *199.32* | |
| 33 42 11 00-0523 | LF | 102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 510.49 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *70.43* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *133.82* | |
| | | *For Smooth-Flo, Add* | *210.23* | |
| 33 42 11 00-0524 | LF | 108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 542.47 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *74.11* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *140.81* | |
| | | *For Smooth-Flo, Add* | *221.22* | |
| 33 42 11 00-0525 | LF | 114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 574.08 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *77.79* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *147.80* | |
| | | *For Smooth-Flo, Add* | *232.20* | |
| 33 42 11 00-0526 | LF | 120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 604.49 | 103.14 |
| | | *For Bituminous Coated Pipe, Add* | *81.44* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *154.74* | |
| | | *For Smooth-Flo, Add* | *243.11* | |
| 33 42 11 00-0527 | LF | 126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 642.48 | 111.75 |
| | | *For Bituminous Coated Pipe, Add* | *86.27* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *163.92* | |
| | | *For Smooth-Flo, Add* | *257.52* | |
| 33 42 11 00-0528 | LF | 132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 678.30 | 120.34 |
| | | *For Bituminous Coated Pipe, Add* | *90.25* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *171.48* | |
| | | *For Smooth-Flo, Add* | *269.40* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0529 | LF | 138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe | 717.50 | 128.93 |
| | | *For Bituminous Coated Pipe, Add* | *94.38* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *179.33* | |
| | | *For Smooth-Flo, Add* | *281.74* | |

## 33 42 11 00-0530 Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)*

## 33 42 11 00-0531 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0530)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0532 | LF | 18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 44.62 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *6.11* | |
| 33 42 11 00-0533 | LF | 21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 51.09 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *7.28* | |
| 33 42 11 00-0534 | LF | 24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 57.03 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *8.27* | |
| 33 42 11 00-0535 | LF | 30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 74.73 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *10.65* | |
| 33 42 11 00-0536 | LF | 36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 97.41 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *13.35* | |
| 33 42 11 00-0537 | LF | 42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 111.31 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *15.74* | |
| 33 42 11 00-0538 | LF | 48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 125.41 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *17.72* | |
| 33 42 11 00-0539 | LF | 54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 149.78 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *21.70* | |
| 33 42 11 00-0540 | LF | 60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 163.41 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *23.70* | |

## 33 42 11 00-0541 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0530)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0542 | LF | 18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 49.00 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *7.07* | |
| 33 42 11 00-0543 | LF | 21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 56.21 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *8.40* | |
| 33 42 11 00-0544 | LF | 24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 62.85 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *9.54* | |
| 33 42 11 00-0545 | LF | 30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 81.97 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *12.23* | |
| 33 42 11 00-0546 | LF | 36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 106.13 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *15.25* | |
| 33 42 11 00-0547 | LF | 42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 121.51 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *17.96* | |
| 33 42 11 00-0548 | LF | 48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 137.06 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *20.26* | |
| 33 42 11 00-0549 | LF | 54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 162.87 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *24.54* | |
| 33 42 11 00-0550 | LF | 60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 177.98 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *26.86* | |
| 33 42 11 00-0551 | LF | 66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 218.50 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *33.37* | |
| 33 42 11 00-0552 | LF | 72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 263.74 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *35.65* | |
| 33 42 11 00-0553 | LF | 78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 284.75 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *37.98* | |

## 33 42 11 00-0554 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0530)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0555 | LF | 30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 96.65 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *12.78* | |
| 33 42 11 00-0556 | LF | 36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 123.67 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *15.79* | |
| 33 42 11 00-0557 | LF | 42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 142.05 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *18.58* | |
| 33 42 11 00-0558 | LF | 48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 160.49 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *21.00* | |
| 33 42 11 00-0559 | LF | 54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 189.26 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *25.07* | |
| 33 42 11 00-0560 | LF | 60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 207.34 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *27.52* | |
| 33 42 11 00-0561 | LF | 66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 250.71 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *33.39* | |
| 33 42 11 00-0562 | LF | 72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 298.86 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *35.81* | |
| 33 42 11 00-0563 | LF | 78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 322.76 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *38.26* | |
| 33 42 11 00-0564 | LF | 84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 344.24 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *40.69* | |
| 33 42 11 00-0565 | LF | 90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 365.70 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *43.12* | |
| 33 42 11 00-0566 | LF | 96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 387.78 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *45.55* | |
| 33 42 11 00-0567 | LF | 102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe | 410.81 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *47.72* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0568 | | 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)* | | |
| 33 42 11 00-0569 | | 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0568)* | | |
| 33 42 11 00-0570 | LF | 6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 15.80 | 4.71 |
| | | *For Bituminous Coated Pipe, Add* | *1.56* | |
| 33 42 11 00-0571 | LF | 6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 17.11 | 4.71 |
| | | *For Bituminous Coated Pipe, Add* | *1.88* | |
| 33 42 11 00-0572 | LF | 8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 19.86 | 5.89 |
| | | *For Bituminous Coated Pipe, Add* | *2.07* | |
| 33 42 11 00-0573 | LF | 8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 21.52 | 5.89 |
| | | *For Bituminous Coated Pipe, Add* | *2.47* | |
| 33 42 11 00-0574 | LF | 10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 25.10 | 7.08 |
| | | *For Bituminous Coated Pipe, Add* | *2.59* | |
| 33 42 11 00-0575 | LF | 10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 27.20 | 7.08 |
| | | *For Bituminous Coated Pipe, Add* | *3.11* | |
| 33 42 11 00-0576 | | Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0568)* | | |
| 33 42 11 00-0577 | LF | 6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 15.98 | 4.71 |
| | | *For Bituminous Coated Pipe, Add* | *1.54* | |
| 33 42 11 00-0578 | LF | 6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 17.25 | 4.71 |
| | | *For Bituminous Coated Pipe, Add* | *1.84* | |
| 33 42 11 00-0579 | LF | 8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 20.04 | 5.89 |
| | | *For Bituminous Coated Pipe, Add* | *2.02* | |
| 33 42 11 00-0580 | LF | 8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 21.80 | 5.89 |
| | | *For Bituminous Coated Pipe, Add* | *2.44* | |
| 33 42 11 00-0581 | LF | 10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 25.42 | 7.08 |
| | | *For Bituminous Coated Pipe, Add* | *2.56* | |
| 33 42 11 00-0582 | LF | 10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 27.57 | 7.08 |
| | | *For Bituminous Coated Pipe, Add* | *3.07* | |
| 33 42 11 00-0583 | | 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings *(33 42 11 00-0568)* | | |
| 33 42 11 00-0584 | EA | 6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 9.64 | |
| | | *For Bituminous Coated Pipe, Add* | *2.17* | |
| 33 42 11 00-0585 | EA | 8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 12.76 | |
| | | *For Bituminous Coated Pipe, Add* | *2.87* | |
| 33 42 11 00-0586 | EA | 10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 15.65 | |
| | | *For Bituminous Coated Pipe, Add* | *3.52* | |
| 33 42 11 00-0587 | EA | 6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 34.78 | |
| | | *For Bituminous Coated Pipe, Add* | *4.80* | |
| 33 42 11 00-0588 | EA | 6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 7.52 | |
| | | *For Bituminous Coated Pipe, Add* | *1.09* | |
| 33 42 11 00-0589 | EA | 8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe | 9.56 | |
| | | *For Bituminous Coated Pipe, Add* | *1.64* | |
| 33 42 11 00-0590 | | 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0388)* | | |
| 33 42 11 00-0591 | | 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0590)* | | |
| 33 42 11 00-0592 | LF | 12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 49.69 | 8.25 |
| 33 42 11 00-0593 | LF | 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 58.74 | 8.65 |
| 33 42 11 00-0594 | LF | 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 68.09 | 9.43 |
| 33 42 11 00-0595 | LF | 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 79.25 | 10.21 |
| 33 42 11 00-0596 | LF | 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 88.45 | 11.00 |
| 33 42 11 00-0597 | LF | 30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 115.73 | 14.14 |
| 33 42 11 00-0598 | LF | 36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 149.57 | 18.91 |
| 33 42 11 00-0599 | LF | 42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 173.22 | 22.35 |
| 33 42 11 00-0600 | LF | 48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 194.42 | 25.78 |
| 33 42 11 00-0601 | | 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0590)* | | |
| 33 42 11 00-0602 | LF | 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 56.73 | 8.25 |
| 33 42 11 00-0603 | LF | 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 67.47 | 8.65 |
| 33 42 11 00-0604 | LF | 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 78.54 | 9.43 |
| 33 42 11 00-0605 | LF | 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 91.35 | 10.21 |
| 33 42 11 00-0606 | LF | 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 102.50 | 11.00 |
| 33 42 11 00-0607 | LF | 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 132.98 | 14.14 |
| 33 42 11 00-0608 | LF | 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 170.40 | 18.91 |
| 33 42 11 00-0609 | LF | 42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 197.13 | 22.35 |
| 33 42 11 00-0610 | LF | 48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 221.70 | 25.78 |
| 33 42 11 00-0611 | LF | 54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 268.59 | 29.23 |
| 33 42 11 00-0612 | | 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0590)* | | |
| 33 42 11 00-0613 | LF | 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 100.32 | 9.43 |
| 33 42 11 00-0614 | LF | 21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 116.78 | 10.21 |
| 33 42 11 00-0615 | LF | 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 131.42 | 11.00 |
| 33 42 11 00-0616 | LF | 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 169.11 | 14.14 |
| 33 42 11 00-0617 | LF | 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 204.89 | 18.91 |
| 33 42 11 00-0618 | LF | 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 247.66 | 22.35 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0619 | LF | 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 279.37 | 25.78 |
| 33 42 11 00-0620 | LF | 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 334.39 | 29.23 |
| 33 42 11 00-0621 | LF | 60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 365.40 | 30.94 |
| 33 42 11 00-0622 | LF | 66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 447.59 | 37.82 |
| 33 42 11 00-0623 | | 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0590)* | | |
| 33 42 11 00-0624 | LF | 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 253.35 | 18.91 |
| 33 42 11 00-0625 | LF | 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 293.70 | 22.35 |
| 33 42 11 00-0626 | LF | 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 331.66 | 25.78 |
| 33 42 11 00-0627 | LF | 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 392.97 | 29.23 |
| 33 42 11 00-0628 | LF | 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 430.62 | 30.94 |
| 33 42 11 00-0629 | LF | 66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 519.21 | 37.82 |
| 33 42 11 00-0630 | LF | 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe | 586.68 | 55.01 |
| 33 42 11 00-0631 | | 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0388)* | | |
| 33 42 11 00-0632 | | 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0631)* | | |
| 33 42 11 00-0633 | LF | 36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 189.56 | 18.91 |
| 33 42 11 00-0634 | LF | 42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 219.33 | 22.35 |
| 33 42 11 00-0635 | LF | 48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 246.12 | 25.78 |
| 33 42 11 00-0636 | LF | 54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 297.99 | 29.23 |
| 33 42 11 00-0637 | LF | 60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 324.46 | 30.94 |
| 33 42 11 00-0638 | LF | 66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 413.31 | 37.82 |
| 33 42 11 00-0639 | LF | 72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 470.75 | 55.01 |
| 33 42 11 00-0640 | LF | 78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 503.76 | 60.17 |
| 33 42 11 00-0641 | LF | 84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 534.50 | 64.47 |
| 33 42 11 00-0642 | LF | 90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 565.27 | 68.76 |
| 33 42 11 00-0643 | LF | 96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 596.57 | 73.06 |
| 33 42 11 00-0644 | LF | 102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 630.42 | 77.36 |
| 33 42 11 00-0645 | | 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0631)* | | |
| 33 42 11 00-0646 | LF | 54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 335.65 | 29.23 |
| 33 42 11 00-0647 | LF | 60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 366.09 | 30.94 |
| 33 42 11 00-0648 | LF | 66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 459.17 | 37.82 |
| 33 42 11 00-0649 | LF | 72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 520.62 | 55.01 |
| 33 42 11 00-0650 | LF | 78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 557.70 | 60.17 |
| 33 42 11 00-0651 | LF | 84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 592.67 | 64.47 |
| 33 42 11 00-0652 | LF | 90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 627.40 | 68.76 |
| 33 42 11 00-0653 | LF | 96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 662.73 | 73.06 |
| 33 42 11 00-0654 | LF | 102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 700.70 | 77.36 |
| 33 42 11 00-0655 | LF | 108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 740.53 | 85.95 |
| 33 42 11 00-0656 | LF | 114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 779.55 | 94.55 |
| 33 42 11 00-0657 | | 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0631)* | | |
| 33 42 11 00-0658 | LF | 60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 460.79 | 30.94 |
| 33 42 11 00-0659 | LF | 66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 564.52 | 37.82 |
| 33 42 11 00-0660 | LF | 72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 635.11 | 55.01 |
| 33 42 11 00-0661 | LF | 78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 681.37 | 60.17 |
| 33 42 11 00-0662 | LF | 84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 725.47 | 64.47 |
| 33 42 11 00-0663 | LF | 90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 769.40 | 68.76 |
| 33 42 11 00-0664 | LF | 96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 813.99 | 73.06 |
| 33 42 11 00-0665 | LF | 102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 861.07 | 77.36 |
| 33 42 11 00-0666 | LF | 108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 909.97 | 85.95 |
| 33 42 11 00-0667 | LF | 114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 958.30 | 94.55 |
| 33 42 11 00-0668 | LF | 120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 1,005.93 | 103.14 |
| 33 42 11 00-0669 | | 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0631)* | | |
| 33 42 11 00-0670 | LF | 72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 739.44 | 55.01 |
| 33 42 11 00-0671 | LF | 78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 794.20 | 60.17 |
| 33 42 11 00-0672 | LF | 84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 846.87 | 64.47 |
| 33 42 11 00-0673 | LF | 90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 899.33 | 68.76 |
| 33 42 11 00-0674 | LF | 96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 952.51 | 73.06 |
| 33 42 11 00-0675 | LF | 102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 1,008.15 | 77.36 |
| 33 42 11 00-0676 | LF | 108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 1,065.62 | 85.95 |
| 33 42 11 00-0677 | LF | 114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 1,122.46 | 94.55 |
| 33 42 11 00-0678 | LF | 120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 1,178.66 | 103.14 |
| 33 42 11 00-0679 | LF | 126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 1,236.25 | 111.75 |
| 33 42 11 00-0680 | LF | 132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 1,296.24 | 120.34 |
| 33 42 11 00-0681 | LF | 138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe | 1,358.86 | 128.93 |
| 33 42 11 00-0682 | | 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0388)* | | |
| 33 42 11 00-0683 | | 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0682)* | | |
| 33 42 11 00-0684 | LF | 48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 238.00 | 25.78 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0685 | LF | 54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 289.05 | 29.23 |
| 33 42 11 00-0686 | LF | 60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 314.22 | 30.94 |
| 33 42 11 00-0687 | LF | 66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 394.29 | 37.82 |
| 33 42 11 00-0688 | LF | 72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 450.16 | 55.01 |
| 33 42 11 00-0689 | LF | 78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 481.55 | 60.17 |
| 33 42 11 00-0690 | LF | 84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 510.46 | 64.47 |
| 33 42 11 00-0691 | LF | 90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 539.29 | 68.76 |
| 33 42 11 00-0692 | LF | 96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 569.06 | 73.06 |
| 33 42 11 00-0693 | LF | 102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 601.78 | 77.36 |
| 33 42 11 00-0694 | | 14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0682)* | | |
| 33 42 11 00-0695 | LF | 54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 333.78 | 29.23 |
| 33 42 11 00-0696 | LF | 60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 364.04 | 30.94 |
| 33 42 11 00-0697 | LF | 66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 448.62 | 37.82 |
| 33 42 11 00-0698 | LF | 72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 508.88 | 55.01 |
| 33 42 11 00-0699 | LF | 78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 545.57 | 60.17 |
| 33 42 11 00-0700 | LF | 84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 579.46 | 64.47 |
| 33 42 11 00-0701 | LF | 90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 610.79 | 68.76 |
| 33 42 11 00-0702 | LF | 96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 647.81 | 73.06 |
| 33 42 11 00-0703 | LF | 102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 684.70 | 77.36 |
| 33 42 11 00-0704 | LF | 108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 723.26 | 85.95 |
| 33 42 11 00-0705 | LF | 114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 762.16 | 94.55 |
| 33 42 11 00-0706 | | 12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0682)* | | |
| 33 42 11 00-0707 | LF | 60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 463.90 | 30.94 |
| 33 42 11 00-0708 | LF | 66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 559.10 | 37.82 |
| 33 42 11 00-0709 | LF | 72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 629.79 | 55.01 |
| 33 42 11 00-0710 | LF | 78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 675.66 | 60.17 |
| 33 42 11 00-0711 | LF | 84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 718.91 | 64.47 |
| 33 42 11 00-0712 | LF | 90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 762.72 | 68.76 |
| 33 42 11 00-0713 | LF | 96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 806.87 | 73.06 |
| 33 42 11 00-0714 | LF | 102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 853.26 | 77.36 |
| 33 42 11 00-0715 | LF | 108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 902.01 | 85.95 |
| 33 42 11 00-0716 | LF | 114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 950.18 | 94.55 |
| 33 42 11 00-0717 | LF | 120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 997.21 | 103.14 |
| 33 42 11 00-0718 | | 10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0682)* | | |
| 33 42 11 00-0719 | LF | 72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 739.39 | 55.01 |
| 33 42 11 00-0720 | LF | 78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 795.46 | 60.17 |
| 33 42 11 00-0721 | LF | 84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 848.31 | 64.47 |
| 33 42 11 00-0722 | LF | 90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 900.73 | 68.76 |
| 33 42 11 00-0723 | LF | 96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 954.17 | 73.06 |
| 33 42 11 00-0724 | LF | 102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 1,009.72 | 77.36 |
| 33 42 11 00-0725 | LF | 108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 1,067.45 | 85.95 |
| 33 42 11 00-0726 | LF | 114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 1,124.81 | 94.55 |
| 33 42 11 00-0727 | LF | 120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 1,180.88 | 103.14 |
| 33 42 11 00-0728 | LF | 126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 1,252.66 | 111.75 |
| 33 42 11 00-0729 | LF | 132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 1,316.40 | 120.34 |
| 33 42 11 00-0730 | LF | 138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe | 1,384.54 | 128.93 |
| 33 42 11 00-0731 | | Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0387)* | | |
| 33 42 11 00-0732 | | 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0731)* | | |
| 33 42 11 00-0733 | | 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)* | | |
| 33 42 11 00-0734 | LF | 17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 35.59 | 8.65 |
| | | *For Bituminous Coated Pipe, Add* | *4.44* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *10.74* | |
| | | *For Smooth-Flo, Add* | *17.72* | |
| 33 42 11 00-0735 | LF | 21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 39.71 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *5.31* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *12.83* | |
| | | *For Smooth-Flo, Add* | *21.16* | |
| 33 42 11 00-0736 | LF | 24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 45.50 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *6.39* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *15.44* | |
| | | *For Smooth-Flo, Add* | *25.47* | |
| 33 42 11 00-0737 | LF | 28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 51.11 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *7.36* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *17.80* | |
| | | *For Smooth-Flo, Add* | *29.35* | |
| 33 42 11 00-0738 | LF | 35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 66.55 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *9.34* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *22.59* | |
| | | *For Smooth-Flo, Add* | *37.27* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0739 | LF | 42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 88.53 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *12.05* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *29.14* | |
| | | *For Smooth-Flo, Add* | *48.07* | |
| 33 42 11 00-0740 | | 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)* | | |
| 33 42 11 00-0741 | LF | 17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 39.19 | 8.65 |
| | | *For Bituminous Coated Pipe, Add* | *4.61* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *10.78* | |
| | | *For Smooth-Flo, Add* | *17.69* | |
| 33 42 11 00-0742 | LF | 21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 44.12 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *5.53* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *12.94* | |
| | | *For Smooth-Flo, Add* | *21.22* | |
| 33 42 11 00-0743 | LF | 24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 50.42 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *6.57* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *15.38* | |
| | | *For Smooth-Flo, Add* | *25.22* | |
| 33 42 11 00-0744 | LF | 28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 56.80 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *7.58* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *17.73* | |
| | | *For Smooth-Flo, Add* | *29.08* | |
| 33 42 11 00-0745 | LF | 35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 73.66 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *9.60* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *22.45* | |
| | | *For Smooth-Flo, Add* | *36.83* | |
| 33 42 11 00-0746 | LF | 42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 96.98 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *12.22* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *28.60* | |
| | | *For Smooth-Flo, Add* | *46.91* | |
| 33 42 11 00-0747 | LF | 49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 111.48 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *14.56* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *34.07* | |
| | | *For Smooth-Flo, Add* | *55.88* | |
| 33 42 11 00-0748 | | 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)* | | |
| 33 42 11 00-0749 | LF | 21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 58.05 | 10.32 |
| | | *For Bituminous Coated Pipe, Add* | *5.98* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *13.31* | |
| | | *For Smooth-Flo, Add* | *20.47* | |
| 33 42 11 00-0750 | LF | 24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 66.34 | 11.18 |
| | | *For Bituminous Coated Pipe, Add* | *7.09* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *15.79* | |
| | | *For Smooth-Flo, Add* | *24.27* | |
| 33 42 11 00-0751 | LF | 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 74.54 | 12.03 |
| | | *For Bituminous Coated Pipe, Add* | *8.14* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *18.11* | |
| | | *For Smooth-Flo, Add* | *27.84* | |
| 33 42 11 00-0752 | LF | 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 96.24 | 15.48 |
| | | *For Bituminous Coated Pipe, Add* | *10.24* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *22.80* | |
| | | *For Smooth-Flo, Add* | *35.05* | |
| 33 42 11 00-0753 | LF | 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 114.21 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *12.82* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *28.52* | |
| | | *For Smooth-Flo, Add* | *43.86* | |
| 33 42 11 00-0754 | LF | 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 131.37 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *15.16* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *33.73* | |
| | | *For Smooth-Flo, Add* | *51.87* | |
| 33 42 11 00-0755 | LF | 57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 153.29 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *17.98* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *40.01* | |
| | | *For Smooth-Flo, Add* | *61.52* | |
| 33 42 11 00-0756 | LF | 64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 171.39 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *19.85* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *44.18* | |
| | | *For Smooth-Flo, Add* | *67.94* | |
| 33 42 11 00-0757 | | 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)* | | |
| 33 42 11 00-0758 | LF | 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 130.44 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *15.44* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *32.52* | |
| | | *For Smooth-Flo, Add* | *41.01* | |
| 33 42 11 00-0759 | LF | 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 150.29 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *18.22* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *38.35* | |
| | | *For Smooth-Flo, Add* | *48.37* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0760 | LF | 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 174.73 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *21.44* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *45.13* | |
| | | *For Smooth-Flo, Add* | *56.91* | |
| 33 42 11 00-0761 | LF | 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 195.62 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *23.77* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *50.04* | |
| | | *For Smooth-Flo, Add* | *63.10* | |
| 33 42 11 00-0762 | LF | 71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 214.30 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *26.09* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *54.93* | |
| | | *For Smooth-Flo, Add* | *69.28* | |
| 33 42 11 00-0763 | | 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0731)* | | |
| 33 42 11 00-0764 | | 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0763)* | | |
| 33 42 11 00-0765 | LF | 60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 171.15 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *22.90* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *69.63* | |
| | | *For Smooth-Flo, Add* | *77.87* | |
| 33 42 11 00-0766 | LF | 66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 187.04 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *25.07* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *76.20* | |
| | | *For Smooth-Flo, Add* | *85.22* | |
| 33 42 11 00-0767 | LF | 73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 231.46 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *31.48* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *95.71* | |
| | | *For Smooth-Flo, Add* | *107.04* | |
| 33 42 11 00-0768 | LF | 81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 278.15 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *33.75* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *102.60* | |
| | | *For Smooth-Flo, Add* | *114.75* | |
| 33 42 11 00-0769 | LF | 87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 301.01 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *36.13* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *109.85* | |
| | | *For Smooth-Flo, Add* | *122.86* | |
| 33 42 11 00-0770 | LF | 95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 321.58 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *38.53* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *117.13* | |
| | | *For Smooth-Flo, Add* | *131.00* | |
| 33 42 11 00-0771 | LF | 103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 342.10 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *40.91* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *124.38* | |
| | | *For Smooth-Flo, Add* | *139.11* | |
| 33 42 11 00-0772 | LF | 112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 363.20 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *43.29* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *131.60* | |
| | | *For Smooth-Flo, Add* | *147.19* | |
| 33 42 11 00-0773 | | 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0763)* | | |
| 33 42 11 00-0774 | LF | 66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 224.34 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *32.53* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *85.22* | |
| | | *For Smooth-Flo, Add* | *100.83* | |
| 33 42 11 00-0775 | LF | 73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 272.83 | 37.82 |
| | | *For Bituminous Coated Pipe, Add* | *39.76* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *104.16* | |
| | | *For Smooth-Flo, Add* | *123.24* | |
| 33 42 11 00-0776 | LF | 81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 323.19 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *42.76* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *112.03* | |
| | | *For Smooth-Flo, Add* | *132.55* | |
| 33 42 11 00-0777 | LF | 87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 349.69 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *45.87* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *120.18* | |
| | | *For Smooth-Flo, Add* | *142.20* | |
| 33 42 11 00-0778 | LF | 95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 373.90 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *48.99* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *128.36* | |
| | | *For Smooth-Flo, Add* | *151.88* | |
| 33 42 11 00-0779 | LF | 103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 398.08 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *52.11* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *136.53* | |
| | | *For Smooth-Flo, Add* | *161.54* | |
| 33 42 11 00-0780 | LF | 112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 422.82 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *55.21* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *144.66* | |
| | | *For Smooth-Flo, Add* | *171.16* | |
| 33 42 11 00-0781 | LF | 117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 450.10 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *58.35* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *152.88* | |
| | | *For Smooth-Flo, Add* | *180.89* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0782 | LF | 128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 479.25 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *61.47* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *161.05* | |
| | | *For Smooth-Flo, Add* | *190.55* | |
| 33 42 11 00-0783 | LF | 137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 509.62 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *64.90* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *170.03* | |
| | | *For Smooth-Flo, Add* | *201.18* | |
| 33 42 11 00-0784 | | 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0763)* | | |
| 33 42 11 00-0785 | LF | 81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 365.04 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *51.13* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *121.68* | |
| | | *For Smooth-Flo, Add* | *132.17* | |
| 33 42 11 00-0786 | LF | 87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 395.00 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *54.93* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *130.74* | |
| | | *For Smooth-Flo, Add* | *142.00* | |
| 33 42 11 00-0787 | LF | 95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 422.64 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *58.74* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *139.81* | |
| | | *For Smooth-Flo, Add* | *151.85* | |
| 33 42 11 00-0788 | LF | 103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 450.19 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *62.53* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *148.83* | |
| | | *For Smooth-Flo, Add* | *161.65* | |
| 33 42 11 00-0789 | LF | 112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 478.40 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *66.33* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *157.87* | |
| | | *For Smooth-Flo, Add* | *171.46* | |
| 33 42 11 00-0790 | LF | 117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 509.07 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *70.15* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *166.95* | |
| | | *For Smooth-Flo, Add* | *181.33* | |
| 33 42 11 00-0791 | LF | 128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 541.66 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *73.95* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *176.00* | |
| | | *For Smooth-Flo, Add* | *191.16* | |
| 33 42 11 00-0792 | LF | 137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 575.19 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *78.01* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *185.66* | |
| | | *For Smooth-Flo, Add* | *201.66* | |
| 33 42 11 00-0793 | LF | 142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch | 611.70 | 103.14 |
| | | *For Bituminous Coated Pipe, Add* | *82.89* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *197.27* | |
| | | *For Smooth-Flo, Add* | *214.26* | |
| 33 42 11 00-0794 | | 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0731)* | | |
| 33 42 11 00-0795 | | 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0794)* | | |
| 33 42 11 00-0796 | LF | 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 327.30 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *43.58* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *106.34* | |
| | | *For Smooth-Flo, Add* | *135.32* | |
| 33 42 11 00-0797 | LF | 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 353.39 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *46.61* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *113.73* | |
| | | *For Smooth-Flo, Add* | *144.72* | |
| 33 42 11 00-0798 | LF | 95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 376.96 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *49.61* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *121.04* | |
| | | *For Smooth-Flo, Add* | *154.03* | |
| 33 42 11 00-0799 | LF | 103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 400.54 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *52.60* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *128.35* | |
| | | *For Smooth-Flo, Add* | *163.33* | |
| 33 42 11 00-0800 | LF | 112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 424.84 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *55.62* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *135.71* | |
| | | *For Smooth-Flo, Add* | *172.69* | |
| 33 42 11 00-0801 | LF | 117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 451.78 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *58.69* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *143.20* | |
| | | *For Smooth-Flo, Add* | *182.23* | |
| 33 42 11 00-0802 | LF | 128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 480.60 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *61.74* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *150.64* | |
| | | *For Smooth-Flo, Add* | *191.70* | |
| 33 42 11 00-0803 | LF | 137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 512.95 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *65.56* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *159.97* | |
| | | *For Smooth-Flo, Add* | *203.57* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0804 | | 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0794)* | | |
| 33 42 11 00-0805 | LF | 81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 373.62 | 55.01 |
| | | *For Bituminous Coated Pipe, Add* | *52.84* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *119.43* | |
| | | *For Smooth-Flo, Add* | *129.73* | |
| 33 42 11 00-0806 | LF | 87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 403.41 | 60.17 |
| | | *For Bituminous Coated Pipe, Add* | *56.61* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *127.95* | |
| | | *For Smooth-Flo, Add* | *138.99* | |
| 33 42 11 00-0807 | LF | 95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 430.75 | 64.47 |
| | | *For Bituminous Coated Pipe, Add* | *60.36* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *136.42* | |
| | | *For Smooth-Flo, Add* | *148.19* | |
| 33 42 11 00-0808 | LF | 103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 458.20 | 68.76 |
| | | *For Bituminous Coated Pipe, Add* | *64.13* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *144.94* | |
| | | *For Smooth-Flo, Add* | *157.45* | |
| 33 42 11 00-0809 | LF | 112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 485.64 | 73.06 |
| | | *For Bituminous Coated Pipe, Add* | *67.78* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *153.18* | |
| | | *For Smooth-Flo, Add* | *166.39* | |
| 33 42 11 00-0810 | LF | 117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 516.85 | 77.36 |
| | | *For Bituminous Coated Pipe, Add* | *71.70* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *162.05* | |
| | | *For Smooth-Flo, Add* | *176.03* | |
| 33 42 11 00-0811 | LF | 128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 549.51 | 85.95 |
| | | *For Bituminous Coated Pipe, Add* | *75.52* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *170.68* | |
| | | *For Smooth-Flo, Add* | *185.40* | |
| 33 42 11 00-0812 | LF | 137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 585.66 | 94.55 |
| | | *For Bituminous Coated Pipe, Add* | *80.10* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *181.04* | |
| | | *For Smooth-Flo, Add* | *196.66* | |
| 33 42 11 00-0813 | LF | 142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch | 619.44 | 103.14 |
| | | *For Bituminous Coated Pipe, Add* | *84.43* | |
| | | *For Bituminous Coated And 25% Paved, Add* | *190.82* | |
| | | *For Smooth-Flo, Add* | *207.29* | |
| 33 42 11 00-0814 | | 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0731)* | | |
| 33 42 11 00-0815 | | 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)* | | |
| 33 42 11 00-0816 | LF | 17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 58.80 | 8.65 |
| 33 42 11 00-0817 | LF | 21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 67.45 | 9.43 |
| 33 42 11 00-0818 | LF | 24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 78.97 | 10.21 |
| 33 42 11 00-0819 | LF | 28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 89.73 | 11.00 |
| 33 42 11 00-0820 | LF | 35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 115.76 | 14.14 |
| 33 42 11 00-0821 | LF | 42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 152.44 | 18.91 |
| 33 42 11 00-0822 | | 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)* | | |
| 33 42 11 00-0823 | LF | 17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 67.09 | 8.65 |
| 33 42 11 00-0824 | LF | 21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 77.57 | 9.43 |
| 33 42 11 00-0825 | LF | 24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 90.27 | 10.21 |
| 33 42 11 00-0826 | LF | 28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 102.87 | 11.00 |
| 33 42 11 00-0827 | LF | 35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 132.09 | 14.14 |
| 33 42 11 00-0828 | LF | 42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 171.87 | 18.91 |
| 33 42 11 00-0829 | LF | 49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 200.88 | 22.35 |
| 33 42 11 00-0830 | | 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)* | | |
| 33 42 11 00-0831 | LF | 21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 102.38 | 9.43 |
| 33 42 11 00-0832 | LF | 24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 119.66 | 10.21 |
| 33 42 11 00-0833 | LF | 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 136.15 | 11.00 |
| 33 42 11 00-0834 | LF | 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 173.63 | 14.14 |
| 33 42 11 00-0835 | LF | 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 222.04 | 18.91 |
| 33 42 11 00-0836 | LF | 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 259.31 | 22.35 |
| 33 42 11 00-0837 | LF | 57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 306.04 | 25.78 |
| 33 42 11 00-0838 | LF | 64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 339.62 | 29.23 |
| 33 42 11 00-0839 | | 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)* | | |
| 33 42 11 00-0840 | LF | 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 261.39 | 18.91 |
| 33 42 11 00-0841 | LF | 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 305.23 | 22.35 |
| 33 42 11 00-0842 | LF | 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 358.09 | 25.78 |
| 33 42 11 00-0843 | LF | 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 398.47 | 29.23 |
| 33 42 11 00-0844 | LF | 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 436.54 | 30.94 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0845 | | 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0731)* | | |
| 33 42 11 00-0846 | | 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0845)* | | |
| 33 42 11 00-0847 | LF | 60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 343.04 | 29.23 |
| 33 42 11 00-0848 | LF | 66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 374.78 | 30.94 |
| 33 42 11 00-0849 | LF | 73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 469.26 | 37.82 |
| 33 42 11 00-0850 | LF | 81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 532.74 | 55.01 |
| 33 42 11 00-0851 | LF | 87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 573.26 | 60.17 |
| 33 42 11 00-0852 | LF | 95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 611.56 | 64.47 |
| 33 42 11 00-0853 | LF | 103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 649.70 | 68.76 |
| 33 42 11 00-0854 | LF | 112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 688.53 | 73.06 |
| 33 42 11 00-0855 | | 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0845)* | | |
| 33 42 11 00-0856 | LF | 66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 469.67 | 30.94 |
| 33 42 11 00-0857 | LF | 73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 574.88 | 37.82 |
| 33 42 11 00-0858 | LF | 81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 647.70 | 55.01 |
| 33 42 11 00-0859 | LF | 87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 697.38 | 60.17 |
| 33 42 11 00-0860 | LF | 95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 744.89 | 64.47 |
| 33 42 11 00-0861 | LF | 103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 792.35 | 68.76 |
| 33 42 11 00-0862 | LF | 112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 840.30 | 73.06 |
| 33 42 11 00-0863 | LF | 117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 890.94 | 77.36 |
| 33 42 11 00-0864 | LF | 128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 943.37 | 85.95 |
| 33 42 11 00-0865 | LF | 137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 999.33 | 94.55 |
| 33 42 11 00-0866 | | 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0845)* | | |
| 33 42 11 00-0867 | LF | 81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 751.99 | 55.01 |
| 33 42 11 00-0868 | LF | 87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 810.30 | 60.17 |
| 33 42 11 00-0869 | LF | 95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 866.43 | 64.47 |
| 33 42 11 00-0870 | LF | 103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 922.26 | 68.76 |
| 33 42 11 00-0871 | LF | 112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 978.80 | 73.06 |
| 33 42 11 00-0872 | LF | 117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 1,037.97 | 77.36 |
| 33 42 11 00-0873 | LF | 128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 1,098.99 | 85.95 |
| 33 42 11 00-0874 | LF | 137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 1,162.78 | 94.55 |
| 33 42 11 00-0875 | LF | 142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch | 1,235.64 | 103.14 |
| 33 42 11 00-0876 | | 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0731)* | | |
| 33 42 11 00-0877 | | 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0876)* | | |
| 33 42 11 00-0878 | LF | 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 638.32 | 55.01 |
| 33 42 11 00-0879 | LF | 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 685.66 | 60.17 |
| 33 42 11 00-0880 | LF | 95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 730.24 | 64.47 |
| 33 42 11 00-0881 | LF | 103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 774.78 | 68.76 |
| 33 42 11 00-0882 | LF | 112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 820.20 | 73.06 |
| 33 42 11 00-0883 | LF | 117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 868.66 | 77.36 |
| 33 42 11 00-0884 | LF | 128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 918.83 | 85.95 |
| 33 42 11 00-0885 | LF | 137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 977.96 | 94.55 |
| 33 42 11 00-0886 | | 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0876)* | | |
| 33 42 11 00-0887 | LF | 81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 749.55 | 55.01 |
| 33 42 11 00-0888 | LF | 87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 805.73 | 60.17 |
| 33 42 11 00-0889 | LF | 95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 859.34 | 64.47 |
| 33 42 11 00-0890 | LF | 103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 913.20 | 68.76 |
| 33 42 11 00-0891 | LF | 112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 966.22 | 73.06 |
| 33 42 11 00-0892 | LF | 117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 1,024.87 | 77.36 |
| 33 42 11 00-0893 | LF | 128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 1,084.30 | 85.95 |
| 33 42 11 00-0894 | LF | 137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 1,152.68 | 94.55 |
| 33 42 11 00-0895 | LF | 142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch | 1,216.62 | 103.14 |
| 33 42 11 00-0896 | | Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0387)* | | |
| 33 42 11 00-0897 | | 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0896)* | | |
| 33 42 11 00-0898 | | 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0897)* | | |
| 33 42 11 00-0899 | LF | 12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 33.51 | 8.25 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *6.61* | |
| 33 42 11 00-0900 | LF | 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 38.35 | 8.65 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *8.32* | |
| 33 42 11 00-0901 | LF | 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 43.38 | 9.43 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *10.09* | |
| 33 42 11 00-0902 | LF | 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 49.71 | 10.21 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *12.06* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0903 | LF | 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 55.18 | 11.00 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *13.59* | |
| 33 42 11 00-0904 | LF | 30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 72.65 | 14.14 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *17.63* | |
| 33 42 11 00-0905 | LF | 36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 95.16 | 18.91 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *22.24* | |
| 33 42 11 00-0906 | LF | 42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 108.85 | 22.35 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *26.30* | |
| 33 42 11 00-0907 | LF | 48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 122.32 | 25.78 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *29.47* | |

### 33 42 11 00-0908 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0897)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0909 | LF | 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 37.08 | 8.25 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *6.28* | |
| 33 42 11 00-0910 | LF | 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 42.76 | 8.65 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *7.88* | |
| 33 42 11 00-0911 | LF | 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 48.63 | 9.43 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *9.52* | |
| 33 42 11 00-0912 | LF | 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 55.80 | 10.21 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *11.32* | |
| 33 42 11 00-0913 | LF | 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 62.25 | 11.00 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *12.82* | |
| 33 42 11 00-0914 | LF | 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 81.30 | 14.14 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *16.47* | |
| 33 42 11 00-0915 | LF | 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 105.63 | 18.91 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *20.64* | |
| 33 42 11 00-0916 | LF | 42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 120.91 | 22.35 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *24.31* | |
| 33 42 11 00-0917 | LF | 48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 136.05 | 25.78 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *27.30* | |
| 33 42 11 00-0918 | LF | 54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 163.21 | 29.23 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *33.57* | |

### 33 42 11 00-0919 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0897)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0920 | LF | 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 59.67 | 9.43 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *8.87* | |
| 33 42 11 00-0921 | LF | 21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 68.69 | 10.21 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *10.50* | |
| 33 42 11 00-0922 | LF | 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 76.89 | 11.00 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *11.90* | |
| 33 42 11 00-0923 | LF | 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 99.58 | 14.14 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *15.17* | |
| 33 42 11 00-0924 | LF | 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 127.68 | 18.91 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *18.83* | |
| 33 42 11 00-0925 | LF | 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 146.46 | 22.35 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *22.08* | |
| 33 42 11 00-0926 | LF | 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 165.20 | 25.78 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *24.90* | |
| 33 42 11 00-0927 | LF | 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 196.50 | 29.23 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *30.07* | |
| 33 42 11 00-0928 | LF | 60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 214.64 | 30.94 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *32.88* | |
| 33 42 11 00-0929 | LF | 66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 262.13 | 37.82 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *40.44* | |

### 33 42 11 00-0930 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0897)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0931 | LF | 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 147.50 | 18.91 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *20.62* | |
| 33 42 11 00-0932 | LF | 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 169.65 | 22.35 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *24.17* | |
| 33 42 11 00-0933 | LF | 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 191.53 | 25.78 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *27.29* | |
| 33 42 11 00-0934 | LF | 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 226.02 | 29.23 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *32.52* | |
| 33 42 11 00-0935 | LF | 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 247.50 | 30.94 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *35.67* | |
| 33 42 11 00-0936 | LF | 66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 298.21 | 37.82 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *43.04* | |
| 33 42 11 00-0937 | LF | 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 349.72 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *46.14* | |

### 33 42 11 00-0938 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0896)*

### 33 42 11 00-0939 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0938)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0940 | LF | 36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 110.74 | 18.91 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *24.72* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0941 | LF | 42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 126.70 | 22.35 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *29.03* | |
| 33 42 11 00-0942 | LF | 48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 142.38 | 25.78 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *32.55* | |
| 33 42 11 00-0943 | LF | 54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 170.24 | 29.23 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *39.76* | |
| 33 42 11 00-0944 | LF | 60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 185.49 | 30.94 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *43.32* | |
| 33 42 11 00-0945 | LF | 66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 233.04 | 37.82 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *55.65* | |
| 33 42 11 00-0946 | LF | 72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 278.86 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *59.31* | |
| 33 42 11 00-0947 | LF | 78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 300.30 | 60.17 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *62.99* | |
| 33 42 11 00-0948 | LF | 84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 319.43 | 64.47 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *66.68* | |
| 33 42 11 00-0949 | LF | 90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 338.57 | 68.76 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *70.36* | |
| 33 42 11 00-0950 | LF | 96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 358.29 | 73.06 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *74.04* | |
| 33 42 11 00-0951 | LF | 102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 380.48 | 77.36 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *77.75* | |
| **33 42 11 00-0952** | | **14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0938)* | | |
| 33 42 11 00-0953 | LF | 54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 188.15 | 29.23 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *34.46* | |
| 33 42 11 00-0954 | LF | 60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 205.28 | 30.94 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *37.62* | |
| 33 42 11 00-0955 | LF | 66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 254.82 | 37.82 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *47.36* | |
| 33 42 11 00-0956 | LF | 72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 302.59 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *50.62* | |
| 33 42 11 00-0957 | LF | 78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 325.95 | 60.17 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *53.87* | |
| 33 42 11 00-0958 | LF | 84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 347.10 | 64.47 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *57.16* | |
| 33 42 11 00-0959 | LF | 90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 368.12 | 68.76 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *60.41* | |
| 33 42 11 00-0960 | LF | 96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 389.76 | 73.06 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *63.67* | |
| 33 42 11 00-0961 | LF | 102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 413.88 | 77.36 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *66.95* | |
| 33 42 11 00-0962 | LF | 108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 439.93 | 85.95 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *70.22* | |
| 33 42 11 00-0963 | LF | 114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 465.45 | 94.55 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *73.44* | |
| **33 42 11 00-0964** | | **12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0938)* | | |
| 33 42 11 00-0965 | LF | 60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 249.28 | 30.94 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *50.46* | |
| 33 42 11 00-0966 | LF | 66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 303.53 | 37.82 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *61.73* | |
| 33 42 11 00-0967 | LF | 72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 355.54 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *66.21* | |
| 33 42 11 00-0968 | LF | 78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 383.21 | 60.17 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *70.71* | |
| 33 42 11 00-0969 | LF | 84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 408.60 | 64.47 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *75.23* | |
| 33 42 11 00-0970 | LF | 90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 433.93 | 68.76 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *79.73* | |
| 33 42 11 00-0971 | LF | 96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 459.85 | 73.06 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *84.22* | |
| 33 42 11 00-0972 | LF | 102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 488.24 | 77.36 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *88.74* | |
| 33 42 11 00-0973 | LF | 108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 518.54 | 85.95 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *93.24* | |
| 33 42 11 00-0974 | LF | 114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 548.36 | 94.55 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *97.71* | |
| 33 42 11 00-0975 | LF | 120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 577.29 | 103.14 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *102.23* | |
| **33 42 11 00-0976** | | **10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0938)* | | |
| 33 42 11 00-0977 | LF | 72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 404.93 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *81.27* | |
| 33 42 11 00-0978 | LF | 78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 436.57 | 60.17 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *86.96* | |
| 33 42 11 00-0979 | LF | 84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 466.03 | 64.47 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *92.70* | |
| 33 42 11 00-0980 | LF | 90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 495.37 | 68.76 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *98.41* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-0981 | LF | 96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 525.39 | 73.06 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *104.13* | |
| 33 42 11 00-0982 | LF | 102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 557.85 | 77.36 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *109.87* | |
| 33 42 11 00-0983 | LF | 108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 592.16 | 85.95 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *115.57* | |
| 33 42 11 00-0984 | LF | 114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 626.02 | 94.55 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *121.24* | |
| 33 42 11 00-0985 | LF | 120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 659.03 | 103.14 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *126.98* | |
| 33 42 11 00-0986 | LF | 126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 693.58 | 111.75 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *132.68* | |
| 33 42 11 00-0987 | LF | 132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 730.35 | 120.34 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *138.41* | |
| 33 42 11 00-0988 | LF | 138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 769.75 | 128.93 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *144.15* | |

### 33 42 11 00-0989 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping
*(33 42 11 00-0896)*

### 33 42 11 00-0990 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0989)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-0991 | LF | 48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 142.95 | 25.78 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *40.33* | |
| 33 42 11 00-0992 | LF | 54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 171.29 | 29.23 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *49.42* | |
| 33 42 11 00-0993 | LF | 60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 186.40 | 30.94 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *53.74* | |
| 33 42 11 00-0994 | LF | 66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 231.02 | 37.82 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *67.65* | |
| 33 42 11 00-0995 | LF | 72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 276.60 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *72.06* | |
| 33 42 11 00-0996 | LF | 78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 297.78 | 60.17 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *76.48* | |
| 33 42 11 00-0997 | LF | 84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 316.53 | 64.47 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *80.86* | |
| 33 42 11 00-0998 | LF | 90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 335.23 | 68.76 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *85.21* | |
| 33 42 11 00-0999 | LF | 96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 354.75 | 73.06 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *89.65* | |
| 33 42 11 00-1000 | LF | 102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 376.88 | 77.36 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *94.19* | |

### 33 42 11 00-1001 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0989)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-1002 | LF | 54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 193.67 | 29.23 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *46.59* | |
| 33 42 11 00-1003 | LF | 60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 211.34 | 30.94 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *50.87* | |
| 33 42 11 00-1004 | LF | 66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 258.19 | 37.82 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *62.61* | |
| 33 42 11 00-1005 | LF | 72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 305.99 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *66.84* | |
| 33 42 11 00-1006 | LF | 78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 329.79 | 60.17 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *71.21* | |
| 33 42 11 00-1007 | LF | 84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 351.04 | 64.47 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *75.52* | |
| 33 42 11 00-1008 | LF | 90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 371.02 | 68.76 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *79.39* | |
| 33 42 11 00-1009 | LF | 96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 394.11 | 73.06 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *84.10* | |
| 33 42 11 00-1010 | LF | 102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 418.35 | 77.36 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *88.40* | |
| 33 42 11 00-1011 | LF | 108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 444.45 | 85.95 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *92.66* | |
| 33 42 11 00-1012 | LF | 114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 470.50 | 94.55 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *97.02* | |

### 33 42 11 00-1013 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0989)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-1014 | LF | 60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 257.97 | 30.94 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *56.13* | |
| 33 42 11 00-1015 | LF | 66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 309.59 | 37.82 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *67.36* | |
| 33 42 11 00-1016 | LF | 72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 362.28 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *72.32* | |
| 33 42 11 00-1017 | LF | 78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 390.38 | 60.17 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *77.23* | |
| 33 42 11 00-1018 | LF | 84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 416.04 | 64.47 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *82.11* | |
| 33 42 11 00-1019 | LF | 90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 441.94 | 68.76 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *87.06* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1020 | LF | 96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 468.30 | 73.06 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *91.96* | |
| 33 42 11 00-1021 | LF | 102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 497.02 | 77.36 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *96.86* | |
| 33 42 11 00-1022 | LF | 108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 527.86 | 85.95 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *101.80* | |
| 33 42 11 00-1023 | LF | 114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 558.26 | 94.55 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *106.71* | |
| 33 42 11 00-1024 | LF | 120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 587.56 | 103.14 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *111.62* | |
| 33 42 11 00-1025 | | 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0989)* | | |
| 33 42 11 00-1026 | LF | 72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 416.17 | 55.01 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *87.74* | |
| 33 42 11 00-1027 | LF | 78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 449.29 | 60.17 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *94.08* | |
| 33 42 11 00-1028 | LF | 84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 479.63 | 64.47 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *100.30* | |
| 33 42 11 00-1029 | LF | 90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 509.78 | 68.76 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *106.46* | |
| 33 42 11 00-1030 | LF | 96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 540.71 | 73.06 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *112.67* | |
| 33 42 11 00-1031 | LF | 102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 573.91 | 77.36 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *118.85* | |
| 33 42 11 00-1032 | LF | 108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 609.19 | 85.95 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *125.06* | |
| 33 42 11 00-1033 | LF | 114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 644.10 | 94.55 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *131.26* | |
| 33 42 11 00-1034 | LF | 120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 677.81 | 103.14 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *137.43* | |
| 33 42 11 00-1035 | LF | 126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 720.17 | 111.75 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *145.59* | |
| 33 42 11 00-1036 | LF | 132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 759.57 | 120.34 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *152.30* | |
| 33 42 11 00-1037 | LF | 138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 802.47 | 128.93 |
| | | *For 1/2 Bituminous Coated And 25% Paved, Add* | *159.27* | |
| 33 42 11 00-1038 | | Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0896)* | | |
| 33 42 11 00-1039 | | 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1038)* | | |
| 33 42 11 00-1040 | LF | 18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 49.40 | 9.43 |
| 33 42 11 00-1041 | LF | 21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 56.68 | 10.21 |
| 33 42 11 00-1042 | LF | 24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 63.43 | 11.00 |
| 33 42 11 00-1043 | LF | 30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 82.71 | 14.14 |
| 33 42 11 00-1044 | LF | 36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 106.97 | 18.91 |
| 33 42 11 00-1045 | LF | 42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 122.49 | 22.35 |
| 33 42 11 00-1046 | LF | 48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 138.17 | 25.78 |
| 33 42 11 00-1047 | LF | 54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 164.15 | 29.23 |
| 33 42 11 00-1048 | LF | 60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 179.36 | 30.94 |
| 33 42 11 00-1049 | | 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1038)* | | |
| 33 42 11 00-1050 | LF | 18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 54.59 | 9.43 |
| 33 42 11 00-1051 | LF | 21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 62.74 | 10.21 |
| 33 42 11 00-1052 | LF | 24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 70.29 | 11.00 |
| 33 42 11 00-1053 | LF | 30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 91.30 | 14.14 |
| 33 42 11 00-1054 | LF | 36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 117.31 | 18.91 |
| 33 42 11 00-1055 | LF | 42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 134.57 | 22.35 |
| 33 42 11 00-1056 | LF | 48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 151.97 | 25.78 |
| 33 42 11 00-1057 | LF | 54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 179.67 | 29.23 |
| 33 42 11 00-1058 | LF | 60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 196.67 | 30.94 |
| 33 42 11 00-1059 | LF | 66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 239.23 | 37.82 |
| 33 42 11 00-1060 | LF | 72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 286.33 | 55.01 |
| 33 42 11 00-1061 | LF | 78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 309.19 | 60.17 |
| 33 42 11 00-1062 | | 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1038)* | | |
| 33 42 11 00-1063 | LF | 30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 108.70 | 14.14 |
| 33 42 11 00-1064 | LF | 36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 138.15 | 18.91 |
| 33 42 11 00-1065 | LF | 42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 158.98 | 22.35 |
| 33 42 11 00-1066 | LF | 48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 179.81 | 25.78 |
| 33 42 11 00-1067 | LF | 54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 210.97 | 29.23 |
| 33 42 11 00-1068 | LF | 60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 231.51 | 30.94 |
| 33 42 11 00-1069 | LF | 66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 277.48 | 37.82 |
| 33 42 11 00-1070 | LF | 72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 328.01 | 55.01 |
| 33 42 11 00-1071 | LF | 78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 354.33 | 60.17 |
| 33 42 11 00-1072 | LF | 84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 378.20 | 64.47 |
| 33 42 11 00-1073 | LF | 90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 402.12 | 68.76 |
| 33 42 11 00-1074 | LF | 96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 426.56 | 73.06 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1075 | LF | 102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe | 451.75 | 77.36 |
| 33 42 11 00-1076 | | Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-0387)* | | |
| 33 42 11 00-1077 | | 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1076)* | | |
| 33 42 11 00-1078 | | 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)* | | |
| 33 42 11 00-1079 | LF | 17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 39.56 | 8.65 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *10.75* | |
| 33 42 11 00-1080 | LF | 21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 44.46 | 9.43 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *12.85* | |
| 33 42 11 00-1081 | LF | 24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 51.19 | 10.21 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *15.45* | |
| 33 42 11 00-1082 | LF | 28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 57.67 | 11.00 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *17.81* | |
| 33 42 11 00-1083 | LF | 35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 74.90 | 14.14 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *22.62* | |
| 33 42 11 00-1084 | LF | 42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 99.30 | 18.91 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *29.18* | |
| 33 42 11 00-1085 | | 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)* | | |
| 33 42 11 00-1086 | LF | 17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 43.97 | 8.65 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *11.14* | |
| 33 42 11 00-1087 | LF | 21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 49.81 | 9.43 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *13.35* | |
| 33 42 11 00-1088 | LF | 24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 57.22 | 10.21 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *15.88* | |
| 33 42 11 00-1089 | LF | 28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 64.64 | 11.00 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *18.31* | |
| 33 42 11 00-1090 | LF | 35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 83.59 | 14.14 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *23.19* | |
| 33 42 11 00-1091 | LF | 42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 109.63 | 18.91 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *29.54* | |
| 33 42 11 00-1092 | LF | 49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 126.56 | 22.35 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *35.19* | |
| 33 42 11 00-1093 | | 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)* | | |
| 33 42 11 00-1094 | LF | 21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 60.71 | 9.43 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *12.23* | |
| 33 42 11 00-1095 | LF | 24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 70.14 | 10.21 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *14.53* | |
| 33 42 11 00-1096 | LF | 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 79.28 | 11.00 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *16.68* | |
| 33 42 11 00-1097 | LF | 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 101.87 | 14.14 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *21.05* | |
| 33 42 11 00-1098 | LF | 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 131.72 | 18.91 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *26.47* | |
| 33 42 11 00-1099 | LF | 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 152.31 | 22.35 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *31.37* | |
| 33 42 11 00-1100 | LF | 57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 178.64 | 25.78 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *37.36* | |
| 33 42 11 00-1101 | LF | 64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 199.13 | 29.23 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *41.18* | |
| 33 42 11 00-1102 | | 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)* | | |
| 33 42 11 00-1103 | LF | 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 151.54 | 18.91 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *27.86* | |
| 33 42 11 00-1104 | LF | 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 175.44 | 22.35 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *32.92* | |
| 33 42 11 00-1105 | LF | 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 204.86 | 25.78 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *38.87* | |
| 33 42 11 00-1106 | LF | 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 228.78 | 29.23 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *43.04* | |
| 33 42 11 00-1107 | LF | 71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 250.49 | 30.94 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *47.20* | |
| 33 42 11 00-1108 | | 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1076)* | | |
| 33 42 11 00-1109 | | 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1108)* | | |
| 33 42 11 00-1110 | LF | 60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 191.69 | 29.23 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *61.86* | |
| 33 42 11 00-1111 | LF | 66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 209.49 | 30.94 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *67.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1112 | LF | 73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 259.67 | 37.82 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *85.01* | |
| 33 42 11 00-1113 | LF | 81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 308.38 | 55.01 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *91.13* | |
| 33 42 11 00-1114 | LF | 87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 333.39 | 60.17 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *97.58* | |
| 33 42 11 00-1115 | LF | 95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 356.09 | 64.47 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *104.04* | |
| 33 42 11 00-1116 | LF | 103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 378.73 | 68.76 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *110.47* | |
| 33 42 11 00-1117 | LF | 112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 402.02 | 73.06 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *116.91* | |

### 33 42 11 00-1118 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1108)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-1119 | LF | 66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 253.52 | 30.94 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *76.92* | |
| 33 42 11 00-1120 | LF | 73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 308.48 | 37.82 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *94.01* | |
| 33 42 11 00-1121 | LF | 81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 361.54 | 55.01 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *101.11* | |
| 33 42 11 00-1122 | LF | 87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 390.79 | 60.17 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *108.45* | |
| 33 42 11 00-1123 | LF | 95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 417.83 | 64.47 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *115.85* | |
| 33 42 11 00-1124 | LF | 103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 444.81 | 68.76 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *123.22* | |
| 33 42 11 00-1125 | LF | 112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 472.34 | 73.06 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *130.56* | |
| 33 42 11 00-1126 | LF | 117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 502.41 | 77.36 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *137.97* | |
| 33 42 11 00-1127 | LF | 128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 534.36 | 85.95 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *145.34* | |
| 33 42 11 00-1128 | LF | 137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 567.82 | 94.55 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *153.45* | |

### 33 42 11 00-1129 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1108)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-1130 | LF | 81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 410.89 | 55.01 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *109.44* | |
| 33 42 11 00-1131 | LF | 87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 444.25 | 60.17 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *117.58* | |
| 33 42 11 00-1132 | LF | 95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 475.32 | 64.47 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *125.74* | |
| 33 42 11 00-1133 | LF | 103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 506.27 | 68.76 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *133.85* | |
| 33 42 11 00-1134 | LF | 112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 540.61 | 73.06 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *142.97* | |
| 33 42 11 00-1135 | LF | 112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 571.99 | 77.36 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *150.15* | |
| 33 42 11 00-1136 | LF | 128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 608.01 | 85.95 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *158.30* | |
| 33 42 11 00-1137 | LF | 137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 645.14 | 94.55 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *166.98* | |
| 33 42 11 00-1138 | LF | 142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 686.02 | 103.14 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *177.42* | |

### 33 42 11 00-1139 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1076)*

### 33 42 11 00-1140 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1139)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-1141 | LF | 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 366.52 | 55.01 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *99.51* | |
| 33 42 11 00-1142 | LF | 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 395.33 | 60.17 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *106.42* | |
| 33 42 11 00-1143 | LF | 95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 421.63 | 64.47 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *113.27* | |
| 33 42 11 00-1144 | LF | 103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 447.90 | 68.76 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *120.11* | |
| 33 42 11 00-1145 | LF | 112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 474.90 | 73.06 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *126.99* | |
| 33 42 11 00-1146 | LF | 117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 504.60 | 77.36 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *134.00* | |
| 33 42 11 00-1147 | LF | 128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 536.18 | 85.95 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *140.97* | |
| 33 42 11 00-1148 | LF | 137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 571.96 | 94.55 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *149.70* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1149 | | 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1139)* | | |
| 33 42 11 00-1150 | LF | 81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 421.19 | 55.01 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *110.37* | |
| 33 42 11 00-1151 | LF | 87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 454.38 | 60.17 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *118.25* | |
| 33 42 11 00-1152 | LF | 95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 485.08 | 64.47 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *126.08* | |
| 33 42 11 00-1153 | LF | 103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 515.94 | 68.76 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *133.96* | |
| 33 42 11 00-1154 | LF | 112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 546.67 | 73.06 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *141.57* | |
| 33 42 11 00-1155 | LF | 117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 581.38 | 77.36 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *149.76* | |
| 33 42 11 00-1156 | LF | 128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 617.51 | 85.95 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *157.74* | |
| 33 42 11 00-1157 | LF | 137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 657.77 | 94.55 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *167.31* | |
| 33 42 11 00-1158 | LF | 142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch | 695.45 | 103.14 |
| | | *For 1/2 Bituminous Coated And 40% Paved, Add* | *176.36* | |
| 33 42 11 00-1159 | | Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-0387)* | | |
| 33 42 11 00-1160 | | 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1159)* | | |
| 33 42 11 00-1161 | | 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1160)* | | |
| 33 42 11 00-1162 | LF | 6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 20.08 | 4.71 |
| | | *For Bituminous Coated Pipe, Add* | *2.04* | |
| 33 42 11 00-1163 | LF | 8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 25.90 | 5.89 |
| | | *For Bituminous Coated Pipe, Add* | *2.78* | |
| 33 42 11 00-1164 | LF | 10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 33.57 | 7.08 |
| | | *For Bituminous Coated Pipe, Add* | *3.66* | |
| 33 42 11 00-1165 | | 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1160)* | | |
| 33 42 11 00-1166 | LF | 6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 22.43 | 4.71 |
| | | *For Bituminous Coated Pipe, Add* | *2.03* | |
| 33 42 11 00-1167 | LF | 8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 29.21 | 5.89 |
| | | *For Bituminous Coated Pipe, Add* | *2.77* | |
| 33 42 11 00-1168 | LF | 10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 37.99 | 7.08 |
| | | *For Bituminous Coated Pipe, Add* | *3.66* | |
| 33 42 11 00-1169 | | 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1159)* | | |
| 33 42 11 00-1170 | | 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1169)* | | |
| 33 42 11 00-1171 | LF | 12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 38.90 | 8.25 |
| | | *For Bituminous Coated Pipe, Add* | *4.02* | |
| 33 42 11 00-1172 | LF | 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 45.05 | 8.65 |
| | | *For Bituminous Coated Pipe, Add* | *5.05* | |
| 33 42 11 00-1173 | LF | 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 51.57 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *6.14* | |
| 33 42 11 00-1174 | LF | 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 59.45 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *7.33* | |
| 33 42 11 00-1175 | LF | 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 66.45 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *8.31* | |
| 33 42 11 00-1176 | | 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1169)* | | |
| 33 42 11 00-1177 | LF | 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 43.93 | 8.25 |
| | | *For Bituminous Coated Pipe, Add* | *3.94* | |
| 33 42 11 00-1178 | LF | 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 51.46 | 8.65 |
| | | *For Bituminous Coated Pipe, Add* | *4.96* | |
| 33 42 11 00-1179 | LF | 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 59.26 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *6.01* | |
| 33 42 11 00-1180 | LF | 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 68.35 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *7.13* | |
| 33 42 11 00-1181 | LF | 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 76.67 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *8.10* | |
| 33 42 11 00-1182 | LF | 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 99.67 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *10.39* | |
| 33 42 11 00-1183 | LF | 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 127.97 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *12.91* | |
| 33 42 11 00-1184 | | 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1169)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1185 | LF | 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 96.22 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *7.69* | |
| 33 42 11 00-1186 | LF | 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 124.00 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *9.78* | |
| 33 42 11 00-1187 | LF | 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 157.19 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *12.06* | |
| 33 42 11 00-1188 | LF | 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 181.43 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *14.18* | |
| 33 42 11 00-1189 | LF | 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 205.22 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *16.05* | |
| 33 42 11 00-1190 | LF | 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 241.52 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *19.04* | |
| 33 42 11 00-1191 | | 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1169)* | | |
| 33 42 11 00-1192 | LF | 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 188.33 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *11.86* | |
| 33 42 11 00-1193 | LF | 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 217.71 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *13.92* | |
| 33 42 11 00-1194 | LF | 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 246.80 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *15.79* | |
| 33 42 11 00-1195 | LF | 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 288.29 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *18.53* | |
| 33 42 11 00-1196 | LF | 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 316.99 | 30.94 |
| | | *For Bituminous Coated Pipe, Add* | *20.42* | |
| 33 42 11 00-1197 | | 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1159)* | | |
| 33 42 11 00-1198 | | 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1197)* | | |
| 33 42 11 00-1199 | LF | 30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 98.08 | 14.14 |
| 33 42 11 00-1200 | LF | 36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 125.98 | 18.91 |
| 33 42 11 00-1201 | LF | 42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 144.38 | 22.35 |
| 33 42 11 00-1202 | LF | 48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 163.53 | 25.78 |
| 33 42 11 00-1203 | LF | 54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 193.22 | 29.23 |
| 33 42 11 00-1204 | | 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1197)* | | |
| 33 42 11 00-1205 | LF | 30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 110.90 | 14.14 |
| 33 42 11 00-1206 | LF | 36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 144.26 | 18.91 |
| 33 42 11 00-1207 | LF | 42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 165.60 | 22.35 |
| 33 42 11 00-1208 | LF | 48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 186.69 | 25.78 |
| 33 42 11 00-1209 | LF | 54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 220.35 | 29.23 |
| 33 42 11 00-1210 | LF | 60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 240.95 | 30.94 |
| 33 42 11 00-1211 | LF | 66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 293.16 | 37.82 |
| 33 42 11 00-1212 | LF | 72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 344.18 | 55.01 |
| 33 42 11 00-1213 | LF | 78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 370.85 | 60.17 |
| 33 42 11 00-1214 | | 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1197)* | | |
| 33 42 11 00-1215 | LF | 30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 140.81 | 14.14 |
| 33 42 11 00-1216 | LF | 36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 177.91 | 18.91 |
| 33 42 11 00-1217 | LF | 42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 205.81 | 22.35 |
| 33 42 11 00-1218 | LF | 48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 232.80 | 25.78 |
| 33 42 11 00-1219 | LF | 54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 272.12 | 29.23 |
| 33 42 11 00-1220 | LF | 60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 298.27 | 30.94 |
| 33 42 11 00-1221 | LF | 66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 356.02 | 37.82 |
| 33 42 11 00-1222 | LF | 72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 412.75 | 55.01 |
| 33 42 11 00-1223 | LF | 78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 445.01 | 60.17 |
| 33 42 11 00-1224 | LF | 84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 475.02 | 64.47 |
| 33 42 11 00-1225 | LF | 90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 504.95 | 68.76 |
| 33 42 11 00-1226 | LF | 96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 535.50 | 73.06 |
| 33 42 11 00-1227 | | 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1197)* | | |
| 33 42 11 00-1228 | LF | 60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 358.56 | 30.94 |
| 33 42 11 00-1229 | LF | 66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 419.80 | 37.82 |
| 33 42 11 00-1230 | LF | 72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 482.25 | 55.01 |
| 33 42 11 00-1231 | LF | 78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 520.24 | 60.17 |
| 33 42 11 00-1232 | LF | 84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 555.89 | 64.47 |
| 33 42 11 00-1233 | LF | 90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 591.53 | 68.76 |
| 33 42 11 00-1234 | LF | 96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 627.76 | 73.06 |
| 33 42 11 00-1235 | LF | 102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 666.49 | 77.36 |
| 33 42 11 00-1236 | LF | 108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe | 707.12 | 85.95 |

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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1237 | | Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1159)* | | |
| | | Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading. | | |
| 33 42 11 00-1238 | | 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1237)* | | |
| 33 42 11 00-1239 | LF | 18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 68.83 | 9.43 |
| 33 42 11 00-1240 | LF | 21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 74.01 | 10.21 |
| 33 42 11 00-1241 | LF | 24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 89.38 | 11.00 |
| 33 42 11 00-1242 | LF | 27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 103.22 | 12.58 |
| 33 42 11 00-1243 | LF | 30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 115.63 | 14.14 |
| 33 42 11 00-1244 | LF | 33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 129.18 | 15.71 |
| 33 42 11 00-1245 | | 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1237)* | | |
| 33 42 11 00-1246 | LF | 18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 79.67 | 9.43 |
| 33 42 11 00-1247 | LF | 21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 92.19 | 10.21 |
| 33 42 11 00-1248 | LF | 24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 103.96 | 11.00 |
| 33 42 11 00-1249 | LF | 27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 119.58 | 12.58 |
| 33 42 11 00-1250 | LF | 30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 133.78 | 14.14 |
| 33 42 11 00-1251 | LF | 33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 149.18 | 15.71 |
| 33 42 11 00-1252 | LF | 36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 169.15 | 18.91 |
| 33 42 11 00-1253 | LF | 42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 195.37 | 22.35 |
| 33 42 11 00-1254 | LF | 48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 221.09 | 25.78 |
| 33 42 11 00-1255 | | 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1237)* | | |
| 33 42 11 00-1256 | LF | 30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 169.26 | 14.14 |
| 33 42 11 00-1257 | LF | 33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 188.13 | 15.71 |
| 33 42 11 00-1258 | LF | 36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 211.70 | 18.91 |
| 33 42 11 00-1259 | LF | 42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 245.05 | 22.35 |
| 33 42 11 00-1260 | LF | 48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 277.87 | 25.78 |
| 33 42 11 00-1261 | LF | 54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 384.91 | 29.23 |
| 33 42 11 00-1262 | LF | 60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 423.65 | 30.94 |
| 33 42 11 00-1263 | | 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1237)* | | |
| 33 42 11 00-1264 | LF | 48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 393.57 | 25.78 |
| 33 42 11 00-1265 | LF | 54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 456.24 | 29.23 |
| 33 42 11 00-1266 | LF | 60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 503.00 | 30.94 |
| 33 42 11 00-1267 | LF | 66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 584.28 | 37.82 |
| 33 42 11 00-1268 | LF | 72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 660.40 | 55.01 |
| 33 42 11 00-1269 | LF | 78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 712.71 | 60.17 |
| 33 42 11 00-1270 | LF | 84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe | 762.23 | 64.47 |
| 33 42 11 00-1271 | | Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-0387)* | | |
| 33 42 11 00-1272 | | 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1271)* | | |
| 33 42 11 00-1273 | | 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1272)* | | |
| 33 42 11 00-1274 | LF | 17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 47.33 | 8.65 |
| | | *For Bituminous Coated Pipe, Add* | *5.06* | |
| 33 42 11 00-1275 | LF | 21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 53.74 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *6.04* | |
| 33 42 11 00-1276 | LF | 24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 61.92 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *7.19* | |
| 33 42 11 00-1277 | | 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1272)* | | |
| 33 42 11 00-1278 | LF | 17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 53.76 | 8.65 |
| | | *For Bituminous Coated Pipe, Add* | *5.04* | |
| 33 42 11 00-1279 | LF | 21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 59.91 | 9.43 |
| | | *For Bituminous Coated Pipe, Add* | *5.81* | |
| 33 42 11 00-1280 | LF | 24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 70.82 | 10.21 |
| | | *For Bituminous Coated Pipe, Add* | *7.14* | |
| 33 42 11 00-1281 | LF | 28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 80.02 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *8.19* | |
| 33 42 11 00-1282 | LF | 35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 103.00 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *10.36* | |
| 33 42 11 00-1283 | | 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1272)* | | |
| 33 42 11 00-1284 | LF | 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 99.58 | 11.00 |
| | | *For Bituminous Coated Pipe, Add* | *7.80* | |
| 33 42 11 00-1285 | LF | 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 127.39 | 14.14 |
| | | *For Bituminous Coated Pipe, Add* | *9.84* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1286 | LF | 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 162.93 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *12.28* | |
| 33 42 11 00-1287 | LF | 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 188.99 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *14.52* | |
| 33 42 11 00-1288 | | 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1272)* | | |
| 33 42 11 00-1289 | LF | 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 194.03 | 18.91 |
| | | *For Bituminous Coated Pipe, Add* | *11.85* | |
| 33 42 11 00-1290 | LF | 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 225.33 | 22.35 |
| | | *For Bituminous Coated Pipe, Add* | *13.98* | |
| 33 42 11 00-1291 | LF | 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 262.10 | 25.78 |
| | | *For Bituminous Coated Pipe, Add* | *16.38* | |
| 33 42 11 00-1292 | LF | 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 293.32 | 29.23 |
| | | *For Bituminous Coated Pipe, Add* | *18.23* | |
| 33 42 11 00-1293 | | 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1271)* | | |
| 33 42 11 00-1294 | | 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1293)* | | |
| 33 42 11 00-1295 | LF | 60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 225.38 | 29.23 |
| 33 42 11 00-1296 | LF | 66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 246.79 | 30.94 |
| 33 42 11 00-1297 | LF | 73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 300.38 | 37.82 |
| 33 42 11 00-1298 | | 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1293)* | | |
| 33 42 11 00-1299 | LF | 60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 277.14 | 29.23 |
| 33 42 11 00-1300 | LF | 66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 304.11 | 30.94 |
| 33 42 11 00-1301 | LF | 73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 362.99 | 37.82 |
| 33 42 11 00-1302 | LF | 81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 420.24 | 55.01 |
| 33 42 11 00-1303 | LF | 87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 453.04 | 60.17 |
| 33 42 11 00-1304 | LF | 95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 483.58 | 64.47 |
| 33 42 11 00-1305 | | 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1293)* | | |
| 33 42 11 00-1306 | LF | 66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 364.31 | 30.94 |
| 33 42 11 00-1307 | LF | 73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 426.51 | 37.82 |
| 33 42 11 00-1308 | LF | 81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 489.47 | 55.01 |
| 33 42 11 00-1309 | LF | 87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 528.00 | 60.17 |
| 33 42 11 00-1310 | LF | 95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 564.17 | 64.47 |
| 33 42 11 00-1311 | LF | 103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch | 600.33 | 68.76 |
| 33 42 11 00-1312 | | Corrugated Steel Pipe Fittings *(33 42 11 00-0387)* | | |
| | | Note: Equivalent pipe-arch sizes are approximate. | | |
| 33 42 11 00-1313 | | Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings *(33 42 11 00-1312)* | | |
| | | Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed. | | |
| 33 42 11 00-1314 | EA | Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe) | 76.84 | |
| 33 42 11 00-1315 | EA | Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe) | 96.37 | |
| 33 42 11 00-1316 | EA | Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe) | 115.89 | |
| 33 42 11 00-1317 | EA | Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe) | 136.64 | |
| 33 42 11 00-1318 | EA | Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe) | 165.91 | |
| 33 42 11 00-1319 | EA | Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe) | 195.17 | |
| 33 42 11 00-1320 | EA | Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe) | 224.46 | |
| 33 42 11 00-1321 | EA | Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe) | 253.73 | |
| 33 42 11 00-1322 | EA | Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe) | 330.59 | |
| 33 42 11 00-1323 | EA | Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe) | 394.01 | |
| 33 42 11 00-1324 | EA | Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe) | 457.45 | |
| 33 42 11 00-1325 | EA | Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe) | 591.64 | |
| 33 42 11 00-1326 | EA | Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe) | 667.27 | |
| 33 42 11 00-1327 | EA | Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe) | 745.35 | |
| 33 42 11 00-1328 | EA | Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe) | 825.85 | |
| 33 42 11 00-1329 | EA | Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe) | 1,006.40 | |
| 33 42 11 00-1330 | EA | Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe) | 1,097.87 | |
| 33 42 11 00-1331 | EA | Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe) | 1,191.80 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1332 | EA | Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe) | 1,462.61 | |
| 33 42 11 00-1333 | EA | Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe) | 1,569.98 | |
| 33 42 11 00-1334 | EA | Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe) | 1,678.55 | |
| 33 42 11 00-1335 | EA | Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe) | 1,787.10 | |
| 33 42 11 00-1336 | EA | Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe) | 1,894.45 | |
| 33 42 11 00-1337 | EA | Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe) | 2,003.03 | |
| 33 42 11 00-1338 | EA | Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe) | 2,117.50 | |
| 33 42 11 00-1339 | EA | Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe) | 2,238.51 | |
| 33 42 11 00-1340 | EA | Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe) | 2,366.41 | |
| **33 42 11 00-1341** | | **Fabricate Corrugated Steel Pipe Tees Or Laterals** *(33 42 11 00-1312)*<br>Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed. | | |
| 33 42 11 00-1342 | EA | Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe) | 100.03 | |
| 33 42 11 00-1343 | EA | Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe) | 128.09 | |
| 33 42 11 00-1344 | EA | Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe) | 156.12 | |
| 33 42 11 00-1345 | EA | Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe) | 184.21 | |
| 33 42 11 00-1346 | EA | Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe) | 224.46 | |
| 33 42 11 00-1347 | EA | Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe) | 265.92 | |
| 33 42 11 00-1348 | EA | Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe) | 307.42 | |
| 33 42 11 00-1349 | EA | Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe) | 348.86 | |
| 33 42 11 00-1350 | EA | Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe) | 457.45 | |
| 33 42 11 00-1351 | EA | Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe) | 545.29 | |
| 33 42 11 00-1352 | EA | Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe) | 634.32 | |
| 33 42 11 00-1353 | EA | Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe) | 823.40 | |
| 33 42 11 00-1354 | EA | Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe) | 927.10 | |
| 33 42 11 00-1355 | EA | Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe) | 1,034.43 | |
| 33 42 11 00-1356 | EA | Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe) | 1,144.23 | |
| 33 42 11 00-1357 | EA | Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe) | 1,395.51 | |
| 33 42 11 00-1358 | EA | Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe) | 1,519.96 | |
| 33 42 11 00-1359 | EA | Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe) | 1,646.82 | |
| 33 42 11 00-1360 | EA | Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe) | 2,026.17 | |
| 33 42 11 00-1361 | EA | Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe) | 2,171.35 | |
| 33 42 11 00-1362 | EA | Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe) | 2,316.52 | |
| 33 42 11 00-1363 | EA | Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe) | 2,462.89 | |
| 33 42 11 00-1364 | EA | Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe) | 2,609.29 | |
| 33 42 11 00-1365 | EA | Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe) | 2,754.42 | |
| 33 42 11 00-1366 | EA | Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe) | 2,907.67 | |
| 33 42 11 00-1367 | EA | Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe) | 3,069.42 | |
| 33 42 11 00-1368 | EA | Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe) | 3,240.15 | |
| **33 42 11 00-1369** | | **Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting** *(33 42 11 00-1312)*<br>Note: Applied to pipe tasks. | | |
| 33 42 11 00-1370 | EA | Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting | 38.28 | |
| 33 42 11 00-1371 | EA | Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting | 48.15 | |
| 33 42 11 00-1372 | EA | Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting | 60.57 | |
| 33 42 11 00-1373 | EA | Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting | 74.17 | |
| 33 42 11 00-1374 | EA | Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 93.85 | |
| 33 42 11 00-1375 | EA | Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 114.91 | |
| 33 42 11 00-1376 | EA | Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 134.61 | |
| 33 42 11 00-1377 | EA | Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 156.39 | |
| 33 42 11 00-1378 | EA | Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 192.08 | |
| 33 42 11 00-1379 | EA | Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 229.02 | |
| 33 42 11 00-1380 | EA | Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 273.26 | |
| 33 42 11 00-1381 | EA | Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 336.14 | |
| 33 42 11 00-1382 | EA | Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 380.47 | |
| 33 42 11 00-1383 | EA | Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 428.48 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 11 00-1384 | EA | Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 519.61 | |
| 33 42 11 00-1385 | EA | Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 576.23 | |
| 33 42 11 00-1386 | EA | Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 703.06 | |
| 33 42 11 00-1387 | EA | Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 765.88 | |
| 33 42 11 00-1388 | EA | Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 832.39 | |
| 33 42 11 00-1389 | EA | Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 897.60 | |
| 33 42 11 00-1390 | EA | Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 964.09 | |
| 33 42 11 00-1391 | EA | Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 1,031.80 | |
| 33 42 11 00-1392 | EA | Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 1,098.31 | |
| 33 42 11 00-1393 | EA | Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting | 1,164.79 | |
| 33 42 11 00-1394 | EA | Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting | 1,235.28 | |
| 33 42 11 00-1395 | EA | Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting | 1,310.04 | |
| 33 42 11 00-1396 | EA | Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting | 1,389.33 | |

### 33 42 11 00-1397 Coupling Bands, Corrugated Metal Pipe Fitting *(33 42 11 00-1312)*

| | | | | |
|---|---|---|---|---|
| 33 42 11 00-1398 | EA | 6" Coupling Band, Corrugated Metal Pipe Fitting | 11.71 | |
| | | *For Bituminous Coated, Add* | *3.40* | |
| 33 42 11 00-1399 | EA | 8" Coupling Band, Corrugated Metal Pipe Fitting | 15.55 | |
| | | *For Bituminous Coated, Add* | *4.51* | |
| 33 42 11 00-1400 | EA | 10" Coupling Band, Corrugated Metal Pipe Fitting | 19.59 | |
| | | *For Bituminous Coated, Add* | *5.68* | |
| 33 42 11 00-1401 | EA | 12" Coupling Band, Corrugated Metal Pipe Fitting | 32.52 | |
| | | *For Bituminous Coated, Add* | *9.43* | |
| 33 42 11 00-1402 | EA | 15" Coupling Band, Corrugated Metal Pipe Fitting | 41.00 | |
| | | *For Bituminous Coated, Add* | *11.89* | |
| 33 42 11 00-1403 | EA | 18" Coupling Band, Corrugated Metal Pipe Fitting | 60.16 | |
| | | *For Bituminous Coated, Add* | *17.45* | |
| 33 42 11 00-1404 | EA | 21" Coupling Band, Corrugated Metal Pipe Fitting | 71.40 | |
| | | *For Bituminous Coated, Add* | *20.71* | |
| 33 42 11 00-1405 | EA | 24" Coupling Band, Corrugated Metal Pipe Fitting | 80.96 | |
| | | *For Bituminous Coated, Add* | *23.48* | |
| 33 42 11 00-1406 | EA | 30" Coupling Band, Corrugated Metal Pipe Fitting | 140.11 | |
| | | *For Bituminous Coated, Add* | *40.63* | |
| 33 42 11 00-1407 | EA | 36" Coupling Band, Corrugated Metal Pipe Fitting | 224.16 | |
| | | *For Bituminous Coated, Add* | *53.80* | |
| 33 42 11 00-1408 | EA | 42" Coupling Band, Corrugated Metal Pipe Fitting | 263.38 | |
| | | *For Bituminous Coated, Add* | *63.21* | |
| 33 42 11 00-1409 | EA | 48" Coupling Band, Corrugated Metal Pipe Fitting | 295.12 | |
| | | *For Bituminous Coated, Add* | *70.83* | |
| 33 42 11 00-1410 | EA | 54" Coupling Band, Corrugated Metal Pipe Fitting | 418.53 | |
| | | *For Bituminous Coated, Add* | *100.45* | |
| 33 42 11 00-1411 | EA | 60" Coupling Band, Corrugated Metal Pipe Fitting | 598.63 | |
| | | *For Bituminous Coated, Add* | *107.75* | |
| 33 42 11 00-1412 | EA | 66" Coupling Band, Corrugated Metal Pipe Fitting | 735.70 | |
| | | *For Bituminous Coated, Add* | *132.43* | |
| 33 42 11 00-1413 | EA | 72" Coupling Band, Corrugated Metal Pipe Fitting | 945.06 | |
| | | *For Bituminous Coated, Add* | *132.31* | |
| 33 42 11 00-1414 | EA | 78" Coupling Band, Corrugated Metal Pipe Fitting | 1,010.80 | |
| | | *For Bituminous Coated, Add* | *141.51* | |
| 33 42 11 00-1415 | EA | 84" Coupling Band, Corrugated Metal Pipe Fitting | 1,076.91 | |
| | | *For Bituminous Coated, Add* | *150.77* | |
| 33 42 11 00-1416 | EA | 90" Coupling Band, Corrugated Metal Pipe Fitting | 1,142.69 | |
| | | *For Bituminous Coated, Add* | *159.98* | |
| 33 42 11 00-1417 | EA | 96" Coupling Band, Corrugated Metal Pipe Fitting | 1,208.64 | |
| | | *For Bituminous Coated, Add* | *169.21* | |
| 33 42 11 00-1418 | EA | 102" Coupling Band, Corrugated Metal Pipe Fitting | 1,274.75 | |
| | | *For Bituminous Coated, Add* | *178.47* | |
| 33 42 11 00-1419 | EA | 108" Coupling Band, Corrugated Metal Pipe Fitting | 1,340.56 | |
| | | *For Bituminous Coated, Add* | *187.68* | |
| 33 42 11 00-1420 | EA | 114" Coupling Band, Corrugated Metal Pipe Fitting | 1,587.75 | |
| | | *For Bituminous Coated, Add* | *190.53* | |
| 33 42 11 00-1421 | EA | 120" Coupling Band, Corrugated Metal Pipe Fitting | 1,472.08 | |
| | | *For Bituminous Coated, Add* | *176.65* | |
| 33 42 11 00-1422 | EA | 126" Coupling Band, Corrugated Metal Pipe Fitting | 1,537.69 | |
| | | *For Bituminous Coated, Add* | *184.52* | |
| 33 42 11 00-1423 | EA | 132" Coupling Band, Corrugated Metal Pipe Fitting | 1,603.77 | |
| | | *For Bituminous Coated, Add* | *192.45* | |
| 33 42 11 00-1424 | EA | 138" Coupling Band, Corrugated Metal Pipe Fitting | 1,669.92 | |
| | | *For Bituminous Coated, Add* | *200.39* | |

## 33 42 13 Stormwater Culverts *(33 42)*

## 33 42 13 13 Precast Concrete Stormwater Culverts *(33 42 13)*

### 33 42 13 13-0001 Precast Reinforced Concrete Box Culvert *(33 42 13 13)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 33 42 13 13-0002 | LF | 3' x 3' Precast Reinforced Concrete Box Culvert | 399.06 | 42.98 |
| | | *For Each LF Of Cut-Off Section, Add* | *15.96* | |
| 33 42 13 13-0003 | LF | 4' x 2' Precast Reinforced Concrete Box Culvert | 452.47 | 42.98 |
| | | *For Each LF Of Cut-Off Section, Add* | *18.10* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 13 13-0004 | LF | 4' x 3' Precast Reinforced Concrete Box Culvert | 538.75 | 42.98 |
| | | *For Each LF Of Cut-Off Section, Add* | *21.55* | |
| 33 42 13 13-0005 | LF | 5' x 3' Precast Reinforced Concrete Box Culvert | 645.70 | 53.72 |
| | | *For Each LF Of Cut-Off Section, Add* | *25.83* | |
| 33 42 13 13-0006 | LF | 5' x 4' Precast Reinforced Concrete Box Culvert | 662.14 | 53.72 |
| | | *For Each LF Of Cut-Off Section, Add* | *26.49* | |
| 33 42 13 13-0007 | LF | 5' x 5' Precast Reinforced Concrete Box Culvert | 670.35 | 53.72 |
| | | *For Each LF Of Cut-Off Section, Add* | *26.81* | |
| 33 42 13 13-0008 | LF | 6' x 3' Precast Reinforced Concrete Box Culvert | 690.93 | 55.87 |
| | | *For Each LF Of Cut-Off Section, Add* | *27.64* | |
| 33 42 13 13-0009 | LF | 6' x 4' Precast Reinforced Concrete Box Culvert | 695.04 | 55.87 |
| | | *For Each LF Of Cut-Off Section, Add* | *27.80* | |
| 33 42 13 13-0010 | LF | 6' x 6' Precast Reinforced Concrete Box Culvert | 768.99 | 55.87 |
| | | *For Each LF Of Cut-Off Section, Add* | *30.76* | |
| 33 42 13 13-0011 | LF | 7' x 4' Precast Reinforced Concrete Box Culvert | 785.54 | 64.47 |
| | | *For Each LF Of Cut-Off Section, Add* | *31.42* | |
| 33 42 13 13-0012 | LF | 7' x 6' Precast Reinforced Concrete Box Culvert | 830.19 | 87.68 |
| | | *For Each LF Of Cut-Off Section, Add* | *33.21* | |
| 33 42 13 13-0013 | LF | 8' x 2' Precast Reinforced Concrete Box Culvert | 773.10 | 55.87 |
| | | *For Each LF Of Cut-Off Section, Add* | *30.92* | |
| 33 42 13 13-0014 | LF | 8' x 3' Precast Reinforced Concrete Box Culvert | 789.65 | 64.47 |
| | | *For Each LF Of Cut-Off Section, Add* | *31.59* | |
| 33 42 13 13-0015 | LF | 8' x 4' Precast Reinforced Concrete Box Culvert | 801.97 | 64.47 |
| | | *For Each LF Of Cut-Off Section, Add* | *32.08* | |
| 33 42 13 13-0016 | LF | 8' x 5' Precast Reinforced Concrete Box Culvert | 963.29 | 85.95 |
| | | *For Each LF Of Cut-Off Section, Add* | *38.53* | |
| 33 42 13 13-0017 | LF | 8' x 6' Precast Reinforced Concrete Box Culvert | 966.58 | 85.95 |
| | | *For Each LF Of Cut-Off Section, Add* | *38.66* | |
| 33 42 13 13-0018 | LF | 8' x 8' Precast Reinforced Concrete Box Culvert | 1,062.98 | 107.44 |
| | | *For Each LF Of Cut-Off Section, Add* | *42.52* | |
| 33 42 13 13-0019 | LF | 9' x 4' Precast Reinforced Concrete Box Culvert | 1,069.29 | 85.95 |
| | | *For Each LF Of Cut-Off Section, Add* | *42.77* | |
| 33 42 13 13-0020 | LF | 9' x 6' Precast Reinforced Concrete Box Culvert | 1,122.97 | 107.44 |
| | | *For Each LF Of Cut-Off Section, Add* | *44.92* | |
| 33 42 13 13-0021 | LF | 10' x 3' Precast Reinforced Concrete Box Culvert | 1,127.07 | 107.44 |
| | | *For Each LF Of Cut-Off Section, Add* | *45.08* | |
| 33 42 13 13-0022 | LF | 10' x 4' Precast Reinforced Concrete Box Culvert | 1,381.80 | 107.44 |
| | | *For Each LF Of Cut-Off Section, Add* | *55.27* | |
| 33 42 13 13-0023 | LF | 10' x 5' Precast Reinforced Concrete Box Culvert | 1,439.58 | 128.93 |
| | | *For Each LF Of Cut-Off Section, Add* | *57.58* | |
| 33 42 13 13-0024 | LF | 10' x 6' Precast Reinforced Concrete Box Culvert | 1,456.02 | 128.93 |
| | | *For Each LF Of Cut-Off Section, Add* | *58.24* | |
| 33 42 13 13-0025 | LF | 10' x 7' Precast Reinforced Concrete Box Culvert | 1,460.13 | 128.93 |
| | | *For Each LF Of Cut-Off Section, Add* | *58.41* | |
| 33 42 13 13-0026 | LF | 10' x 8' Precast Reinforced Concrete Box Culvert | 1,465.88 | 128.93 |
| | | *For Each LF Of Cut-Off Section, Add* | *58.64* | |
| 33 42 13 13-0027 | LF | 12' x 3' Precast Reinforced Concrete Box Culvert | 1,513.81 | 150.42 |
| | | *For Each LF Of Cut-Off Section, Add* | *60.55* | |
| 33 42 13 13-0028 | LF | 12' x 4' Precast Reinforced Concrete Box Culvert | 1,513.81 | 150.42 |
| | | *For Each LF Of Cut-Off Section, Add* | *60.55* | |
| 33 42 13 13-0029 | LF | 12' x 6' Precast Reinforced Concrete Box Culvert | 1,513.81 | 150.42 |
| | | *For Each LF Of Cut-Off Section, Add* | *60.55* | |
| 33 42 13 13-0030 | LF | 12' x 8' Precast Reinforced Concrete Box Culvert | 1,513.81 | 150.42 |
| | | *For Each LF Of Cut-Off Section, Add* | *60.55* | |
| 33 42 13 13-0031 | LF | 16' x 10' Precast Reinforced Concrete Box Culvert | 2,228.96 | 171.91 |
| | | *For Each LF Of Cut-Off Section, Add* | *89.16* | |
| 33 42 13 13-0032 | LF | 24' x 10' Precast Reinforced Concrete Box Culvert | 3,132.83 | 171.91 |
| | | *For Each LF Of Cut-Off Section, Add* | *125.31* | |

## 33 42 13 13-0033 Precast Reinforced Concrete Box Culvert For Roadways *(33 42 13 13)*

Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0784 for crane lifting equipment.

| | | | | |
|---|---|---|---|---|
| 33 42 13 13-0034 | LF | 3' x 3' Precast Reinforced Concrete Box Culvert For Roadways | 1,028.08 | 42.98 |
| | | *For Each LF Of Cut-Off Section, Add* | *41.12* | |
| 33 42 13 13-0035 | LF | 4' x 2' Precast Reinforced Concrete Box Culvert For Roadways | 1,107.00 | 42.98 |
| | | *For Each LF Of Cut-Off Section, Add* | *44.28* | |
| 33 42 13 13-0036 | LF | 4' x 3' Precast Reinforced Concrete Box Culvert For Roadways | 1,246.68 | 42.98 |
| | | *For Each LF Of Cut-Off Section, Add* | *49.87* | |
| 33 42 13 13-0037 | LF | 5' x 3' Precast Reinforced Concrete Box Culvert For Roadways | 1,407.00 | 53.72 |
| | | *For Each LF Of Cut-Off Section, Add* | *56.28* | |
| 33 42 13 13-0038 | LF | 5' x 4' Precast Reinforced Concrete Box Culvert For Roadways | 1,546.68 | 53.72 |
| | | *For Each LF Of Cut-Off Section, Add* | *61.87* | |
| 33 42 13 13-0039 | LF | 5' x 5' Precast Reinforced Concrete Box Culvert For Roadways | 1,686.36 | 53.72 |
| | | *For Each LF Of Cut-Off Section, Add* | *67.45* | |
| 33 42 13 13-0040 | LF | 6' x 3' Precast Reinforced Concrete Box Culvert For Roadways | 1,550.82 | 55.87 |
| | | *For Each LF Of Cut-Off Section, Add* | *62.03* | |
| 33 42 13 13-0041 | LF | 6' x 4' Precast Reinforced Concrete Box Culvert For Roadways | 1,690.50 | 55.87 |
| | | *For Each LF Of Cut-Off Section, Add* | *67.62* | |
| 33 42 13 13-0042 | LF | 6' x 6' Precast Reinforced Concrete Box Culvert For Roadways | 1,969.86 | 55.87 |
| | | *For Each LF Of Cut-Off Section, Add* | *78.79* | |
| 33 42 13 13-0043 | LF | 7' x 4' Precast Reinforced Concrete Box Culvert For Roadways | 1,846.73 | 64.47 |
| | | *For Each LF Of Cut-Off Section, Add* | *73.87* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 13 13-0044 | LF | 7' x 6' Precast Reinforced Concrete Box Culvert For Roadways | 2,170.71 | 87.68 |
| | | *For Each LF Of Cut-Off Section, Add* | *86.83* | |
| 33 42 13 13-0045 | LF | 8' x 2' Precast Reinforced Concrete Box Culvert For Roadways | 1,690.50 | 55.87 |
| | | *For Each LF Of Cut-Off Section, Add* | *67.62* | |
| 33 42 13 13-0046 | LF | 8' x 3' Precast Reinforced Concrete Box Culvert For Roadways | 1,846.73 | 64.47 |
| | | *For Each LF Of Cut-Off Section, Add* | *73.87* | |
| 33 42 13 13-0047 | LF | 8' x 4' Precast Reinforced Concrete Box Culvert For Roadways | 1,986.41 | 64.47 |
| | | *For Each LF Of Cut-Off Section, Add* | *79.46* | |
| 33 42 13 13-0048 | LF | 8' x 5' Precast Reinforced Concrete Box Culvert For Roadways | 2,167.41 | 85.95 |
| | | *For Each LF Of Cut-Off Section, Add* | *86.70* | |
| 33 42 13 13-0049 | LF | 8' x 6' Precast Reinforced Concrete Box Culvert For Roadways | 2,307.09 | 85.95 |
| | | *For Each LF Of Cut-Off Section, Add* | *92.28* | |
| 33 42 13 13-0050 | LF | 8' x 8' Precast Reinforced Concrete Box Culvert For Roadways | 2,627.80 | 107.44 |
| | | *For Each LF Of Cut-Off Section, Add* | *105.11* | |
| 33 42 13 13-0051 | LF | 9' x 4' Precast Reinforced Concrete Box Culvert For Roadways | 2,329.95 | 85.95 |
| | | *For Each LF Of Cut-Off Section, Add* | *93.20* | |
| 33 42 13 13-0052 | LF | 9' x 6' Precast Reinforced Concrete Box Culvert For Roadways | 2,669.84 | 107.44 |
| | | *For Each LF Of Cut-Off Section, Add* | *106.79* | |
| 33 42 13 13-0053 | LF | 10' x 3' Precast Reinforced Concrete Box Culvert For Roadways | 2,639.45 | 107.44 |
| | | *For Each LF Of Cut-Off Section, Add* | *105.58* | |
| 33 42 13 13-0054 | LF | 10' x 4' Precast Reinforced Concrete Box Culvert For Roadways | 2,805.31 | 107.44 |
| | | *For Each LF Of Cut-Off Section, Add* | *112.21* | |
| 33 42 13 13-0055 | LF | 10' x 5' Precast Reinforced Concrete Box Culvert For Roadways | 3,012.51 | 128.93 |
| | | *For Each LF Of Cut-Off Section, Add* | *120.50* | |
| 33 42 13 13-0056 | LF | 10' x 6' Precast Reinforced Concrete Box Culvert For Roadways | 3,178.37 | 128.93 |
| | | *For Each LF Of Cut-Off Section, Add* | *127.13* | |
| 33 42 13 13-0057 | LF | 10' x 7' Precast Reinforced Concrete Box Culvert For Roadways | 3,344.25 | 128.93 |
| | | *For Each LF Of Cut-Off Section, Add* | *133.77* | |
| 33 42 13 13-0058 | LF | 10' x 8' Precast Reinforced Concrete Box Culvert For Roadways | 3,510.11 | 128.93 |
| | | *For Each LF Of Cut-Off Section, Add* | *140.40* | |
| 33 42 13 13-0059 | LF | 12' x 3' Precast Reinforced Concrete Box Culvert For Roadways | 3,495.03 | 150.42 |
| | | *For Each LF Of Cut-Off Section, Add* | *139.80* | |
| 33 42 13 13-0060 | LF | 12' x 4' Precast Reinforced Concrete Box Culvert For Roadways | 3,683.56 | 150.42 |
| | | *For Each LF Of Cut-Off Section, Add* | *147.34* | |
| 33 42 13 13-0061 | LF | 12' x 6' Precast Reinforced Concrete Box Culvert For Roadways | 4,060.69 | 150.42 |
| | | *For Each LF Of Cut-Off Section, Add* | *162.43* | |
| 33 42 13 13-0062 | LF | 12' x 8' Precast Reinforced Concrete Box Culvert For Roadways | 4,437.82 | 150.42 |
| | | *For Each LF Of Cut-Off Section, Add* | *177.51* | |
| 33 42 13 13-0063 | LF | 16' x 10' Precast Reinforced Concrete Box Culvert For Roadways | 5,317.22 | 171.91 |
| | | *For Each LF Of Cut-Off Section, Add* | *212.69* | |
| 33 42 13 13-0064 | LF | 24' x 10' Precast Reinforced Concrete Box Culvert For Roadways | 6,741.90 | 171.91 |
| | | *For Each LF Of Cut-Off Section, Add* | *269.68* | |

## 33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

### 33 42 23 00-0001 Headwalls *(33 42 23)*

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

### 33 42 23 00-0002 Cast In Place Concrete Headwalls *(33 42 23 00-0001)*

Note: Includes concrete, forms, rebar (where required), finish and curing.

### 33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

| | | | | |
|---|---|---|---|---|
| 33 42 23 00-0004 | EA | 12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 1,342.43 | 533.65 |
| 33 42 23 00-0005 | EA | 15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 1,685.64 | 569.22 |
| 33 42 23 00-0006 | EA | 18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 2,213.26 | 745.60 |
| 33 42 23 00-0007 | EA | 24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 3,503.37 | 1,067.29 |
| 33 42 23 00-0008 | EA | 30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 4,889.08 | 1,423.06 |
| 33 42 23 00-0009 | EA | 36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 5,717.63 | 1,875.75 |
| 33 42 23 00-0010 | EA | 42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 7,775.68 | 2,587.35 |
| 33 42 23 00-0011 | EA | 48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 9,253.81 | 3,049.37 |
| 33 42 23 00-0012 | EA | 54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 11,118.87 | 3,712.35 |
| 33 42 23 00-0013 | EA | 60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall | 13,308.93 | 4,493.85 |

### 33 42 23 00-0014 Precast Concrete Headwalls *(33 42 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 42 23 00-0015 | EA | 12" Pipe, Precast Concrete Headwall | 830.68 | 141.45 |
| 33 42 23 00-0016 | EA | 15" Pipe, Precast Concrete Headwall | 854.26 | 149.31 |
| 33 42 23 00-0017 | EA | 18" Pipe, Precast Concrete Headwall | 938.16 | 169.75 |
| 33 42 23 00-0018 | EA | 24" Pipe, Precast Concrete Headwall | 1,039.73 | 180.75 |
| 33 42 23 00-0019 | EA | 30" Pipe, Precast Concrete Headwall | 1,427.71 | 212.18 |
| 33 42 23 00-0020 | EA | 36" Pipe, Precast Concrete Headwall | 1,595.50 | 220.04 |
| 33 42 23 00-0021 | EA | 42" Pipe, Precast Concrete Headwall | 2,134.72 | 265.25 |
| 33 42 23 00-0022 | EA | 48" Pipe, Precast Concrete Headwall | 2,364.73 | 292.25 |
| 33 42 23 00-0023 | EA | 54" Pipe, Precast Concrete Headwall | 2,616.14 | 309.43 |
| 33 42 23 00-0024 | EA | 60" Pipe, Precast Concrete Headwall | 2,980.35 | 309.43 |
| 33 42 23 00-0025 | EA | 72" Pipe, Precast Concrete Headwall | 3,640.02 | 386.79 |
| 33 42 23 00-0026 | EA | 84" Pipe, Precast Concrete Headwall | 5,219.35 | 464.15 |

### 33 42 23 00-0027 Precast Concrete Wingwalls *(33 42 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 42 23 00-0028 | EA | 18" ID Pipe (26" Hole) Precast Concrete Wingwall<br>Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe. | 5,108.78 | 1,531.71 |
| 33 42 23 00-0029 | EA | 24" ID Pipe (32" Hole) Precast Concrete Wingwall<br>Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe. | 5,366.64 | 1,701.90 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 23 00-0030 | EA | 30" ID Pipe (42" Hole) Precast Concrete Wingwall<br>Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe. | 5,796.42 | 1,985.55 |
| 33 42 23 00-0031 | EA | 33" ID Pipe (46" Hole) Precast Concrete Wingwall<br>Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe. | 6,226.19 | 2,269.21 |
| 33 42 23 00-0032 | EA | 36" ID Pipe (50" Hole) Precast Concrete Wingwall<br>Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe. | 6,226.19 | 2,269.21 |
| 33 42 23 00-0033 | EA | 44" ID Pipe (58" Hole) Precast Concrete Wingwall<br>Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe. | 6,398.10 | 2,382.66 |
| 33 42 23 00-0034 | EA | 48" ID Pipe (62" Hole) Precast Concrete Wingwall<br>Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe. | 12,002.06 | 2,439.40 |
| 33 42 23 00-0035 | EA | 52" ID Pipe (66" Hole) Precast Concrete Wingwall<br>Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe. | 12,259.93 | 2,609.58 |
| 33 42 23 00-0036 | | Precast Concrete Transverse Drainage Interceptor *(33 42 23 00-0001)* | | |
| 33 42 23 00-0037 | EA | 34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate | 3,021.92 | 601.68 |
| **33 42 26** | | **End Sections for Stormwater Piping** *(33 42)* | | |
| **33 42 26 16** | | **Corrugated Metal End Sections for Stormwater Piping** *(33 42 26)* | | |
| 33 42 26 16-0001 | | Corrugated Metal Pipe End Sections *(33 42 26 16)* | | |
| 33 42 26 16-0002 | | Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0001)* | | |
| 33 42 26 16-0003 | | Type 1 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*<br>Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut. | | |
| 33 42 26 16-0004 | EA | 12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section | 228.72 | 55.01 |
| 33 42 26 16-0005 | EA | 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section | 266.33 | 58.94 |
| 33 42 26 16-0006 | EA | 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section | 312.03 | 62.87 |
| 33 42 26 16-0007 | EA | 21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section | 379.23 | 68.76 |
| 33 42 26 16-0008 | EA | 24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section | 420.36 | 74.66 |
| 33 42 26 16-0009 | | Type 2 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*<br>Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required. | | |
| 33 42 26 16-0010 | EA | 30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section | 684.34 | 84.48 |
| 33 42 26 16-0011 | EA | 36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section | 895.09 | 103.14 |
| 33 42 26 16-0012 | EA | 42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section | 1,378.98 | 120.34 |
| 33 42 26 16-0013 | EA | 48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section | 1,685.78 | 137.53 |
| 33 42 26 16-0014 | EA | 54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section | 2,007.18 | 171.91 |
| 33 42 26 16-0015 | EA | 60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section | 2,343.37 | 206.29 |
| 33 42 26 16-0016 | | Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*<br>Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations. | | |
| 33 42 26 16-0017 | EA | 12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 239.32 | 55.01 |
| 33 42 26 16-0018 | EA | 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 277.24 | 58.94 |
| 33 42 26 16-0019 | EA | 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 328.80 | 62.87 |
| 33 42 26 16-0020 | EA | 21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 399.36 | 68.76 |
| 33 42 26 16-0021 | EA | 24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 443.19 | 74.66 |
| 33 42 26 16-0022 | EA | 30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 754.43 | 84.48 |
| 33 42 26 16-0023 | EA | 36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 981.99 | 103.14 |
| 33 42 26 16-0024 | EA | 42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 1,569.01 | 120.34 |
| 33 42 26 16-0025 | EA | 48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 1,931.01 | 137.53 |
| 33 42 26 16-0026 | EA | 54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 2,255.17 | 171.91 |
| 33 42 26 16-0027 | EA | 60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 3,128.82 | 206.29 |
| 33 42 26 16-0028 | EA | 66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 3,542.12 | 309.43 |
| 33 42 26 16-0029 | EA | 72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 4,139.08 | 412.59 |
| 33 42 26 16-0030 | EA | 78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 4,509.37 | 442.67 |
| 33 42 26 16-0031 | EA | 84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section | 4,888.73 | 472.75 |
| 33 42 26 16-0032 | | Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section *(33 42 26 16-0002)* | | |
| 33 42 26 16-0033 | EA | Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section | 30.15 | |
| 33 42 26 16-0034 | EA | Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section | 33.69 | |
| 33 42 26 16-0035 | EA | Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section | 38.04 | |
| 33 42 26 16-0036 | EA | Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section | 41.37 | |
| 33 42 26 16-0037 | EA | Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section | 46.34 | |
| 33 42 26 16-0038 | EA | Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section | 81.45 | |
| 33 42 26 16-0039 | EA | Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section | 87.64 | |
| 33 42 26 16-0040 | EA | Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section | 120.57 | |
| 33 42 26 16-0041 | EA | Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section | 128.94 | |
| 33 42 26 16-0042 | EA | Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section | 157.63 | |
| 33 42 26 16-0043 | EA | Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section | 161.31 | |
| 33 42 26 16-0044 | EA | Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section | 171.83 | |
| 33 42 26 16-0045 | EA | Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section | 194.34 | |
| 33 42 26 16-0046 | EA | Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section | 217.47 | |
| 33 42 26 16-0047 | EA | 84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension | 222.56 | |
| 33 42 26 16-0048 | | Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0001)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 42 26 16-0049** | | **Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0048)* | | |
| | | Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut. | | |
| 33 42 26 16-0050 | EA | 17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section | 266.33 | 58.94 |
| 33 42 26 16-0051 | EA | 21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section | 312.03 | 62.87 |
| 33 42 26 16-0052 | EA | 24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section | 379.23 | 68.76 |
| 33 42 26 16-0053 | EA | 28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section | 420.36 | 74.66 |
| **33 42 26 16-0054** | | **Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0048)* | | |
| | | Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required. | | |
| 33 42 26 16-0055 | EA | 17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section | 257.18 | 58.94 |
| 33 42 26 16-0056 | EA | 21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section | 295.10 | 62.87 |
| 33 42 26 16-0057 | EA | 24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section | 330.76 | 68.76 |
| 33 42 26 16-0058 | EA | 28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section | 374.08 | 74.66 |
| 33 42 26 16-0059 | EA | 35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section | 552.38 | 84.48 |
| 33 42 26 16-0060 | EA | 42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section | 815.66 | 103.14 |
| 33 42 26 16-0061 | EA | 49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section | 1,274.66 | 120.34 |
| 33 42 26 16-0062 | EA | 57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section | 1,616.26 | 137.53 |
| **33 42 26 16-0063** | | **Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0048)* | | |
| | | Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations. | | |
| 33 42 26 16-0064 | EA | 17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 261.82 | 58.94 |
| 33 42 26 16-0065 | EA | 21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 305.20 | 62.87 |
| 33 42 26 16-0066 | EA | 24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 346.54 | 68.76 |
| 33 42 26 16-0067 | EA | 28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 392.79 | 74.66 |
| 33 42 26 16-0068 | EA | 35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 584.19 | 84.48 |
| 33 42 26 16-0069 | EA | 42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 859.05 | 103.14 |
| 33 42 26 16-0070 | EA | 49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 1,344.08 | 120.34 |
| 33 42 26 16-0071 | EA | 57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 1,696.14 | 137.53 |
| 33 42 26 16-0072 | EA | 64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 2,040.00 | 171.91 |
| 33 42 26 16-0073 | EA | 71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 2,684.17 | 206.29 |
| 33 42 26 16-0074 | EA | 77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 3,743.67 | 309.43 |
| 33 42 26 16-0075 | EA | 83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section | 4,136.39 | 412.59 |
| **33 42 26 16-0076** | | **Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section** *(33 42 26 16-0048)* | | |
| 33 42 26 16-0077 | EA | Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section | 33.69 | |
| 33 42 26 16-0078 | EA | Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section | 38.04 | |
| 33 42 26 16-0079 | EA | Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section | 41.37 | |
| 33 42 26 16-0080 | EA | Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section | 46.34 | |
| 33 42 26 16-0081 | EA | Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section | 81.45 | |
| 33 42 26 16-0082 | EA | Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section | 87.64 | |
| 33 42 26 16-0083 | EA | Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section | 120.57 | |
| 33 42 26 16-0084 | EA | Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section | 134.19 | |
| 33 42 26 16-0085 | EA | Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section | 157.63 | |
| 33 42 26 16-0086 | EA | Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section | 163.40 | |
| 33 42 26 16-0087 | EA | Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section | 188.86 | |
| 33 42 26 16-0088 | EA | Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section | 213.09 | |
| **33 42 26 16-0089** | | **Corrugated Aluminum Pipe End Sections** *(33 42 26 16-0001)* | | |
| **33 42 26 16-0090** | | **Corrugated Aluminum Pipe End Sections** *(33 42 26 16-0089)* | | |
| 33 42 26 16-0091 | EA | 12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section | 351.97 | 55.01 |
| 33 42 26 16-0092 | EA | 15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section | 406.67 | 58.94 |
| 33 42 26 16-0093 | EA | 18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section | 483.78 | 62.87 |
| 33 42 26 16-0094 | EA | 21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section | 601.88 | 68.76 |
| 33 42 26 16-0095 | EA | 24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section | 789.62 | 74.66 |
| 33 42 26 16-0096 | EA | 30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section | 1,190.52 | 84.48 |
| 33 42 26 16-0097 | EA | 36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section | 1,627.44 | 103.14 |
| 33 42 26 16-0098 | EA | 36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section | 2,030.69 | 103.14 |
| 33 42 26 16-0099 | EA | 42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section | 2,592.18 | 120.34 |
| 33 42 26 16-0100 | EA | 48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section | 3,706.34 | 137.53 |
| 33 42 26 16-0101 | EA | 54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section | 4,101.70 | 171.91 |
| 33 42 26 16-0102 | EA | 60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 5,533.30 | 206.29 |
| 33 42 26 16-0103 | EA | 66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 6,252.84 | 309.43 |
| 33 42 26 16-0104 | EA | 72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 7,303.81 | 412.59 |
| 33 42 26 16-0105 | EA | 78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 7,978.51 | 442.67 |
| 33 42 26 16-0106 | EA | 84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 8,417.72 | 472.75 |
| 33 42 26 16-0107 | EA | 90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 11,541.26 | 515.73 |
| 33 42 26 16-0108 | EA | 96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 12,778.97 | 558.71 |
| **33 42 26 16-0109** | | **Toe Plate Extensions For Corrugated Aluminum Pipe End Section** *(33 42 26 16-0089)* | | |
| 33 42 26 16-0110 | EA | Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section | 55.11 | |
| 33 42 26 16-0111 | EA | Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section | 58.48 | |
| 33 42 26 16-0112 | EA | Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section | 63.58 | |
| 33 42 26 16-0113 | EA | Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section | 71.69 | |
| 33 42 26 16-0114 | EA | Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section | 75.98 | |
| 33 42 26 16-0115 | EA | Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section | 98.26 | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 26 16-0116 | EA | Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section | 117.88 | |
| 33 42 26 16-0117 | EA | Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section | 124.61 | |
| 33 42 26 16-0118 | EA | Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section | 136.69 | |
| 33 42 26 16-0119 | EA | Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section | 154.53 | |
| 33 42 26 16-0120 | EA | Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section | 182.90 | |
| 33 42 26 16-0121 | EA | Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 257.59 | |
| 33 42 26 16-0122 | EA | Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 276.79 | |
| 33 42 26 16-0123 | EA | Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 349.35 | |
| 33 42 26 16-0124 | EA | Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 377.88 | |
| 33 42 26 16-0125 | EA | Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 402.58 | |
| 33 42 26 16-0126 | EA | Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 428.58 | |
| 33 42 26 16-0127 | EA | Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section | 454.83 | |

### 33 42 26 16-0128 Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0001)*

### 33 42 26 16-0129 Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0128)*

| | | | | |
|---|---|---|---|---|
| 33 42 26 16-0130 | EA | 17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section | 419.71 | 58.94 |
| 33 42 26 16-0131 | EA | 21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section | 515.55 | 62.87 |
| 33 42 26 16-0132 | EA | 24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section | 559.74 | 68.76 |
| 33 42 26 16-0133 | EA | 28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section | 603.88 | 74.66 |
| 33 42 26 16-0134 | EA | 35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section | 911.92 | 84.48 |
| 33 42 26 16-0135 | EA | 42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section | 1,645.97 | 103.14 |
| 33 42 26 16-0136 | EA | 42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section | 1,748.21 | 103.14 |
| 33 42 26 16-0137 | EA | 49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section | 2,340.01 | 120.34 |
| 33 42 26 16-0138 | EA | 57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section | 3,608.14 | 137.53 |
| 33 42 26 16-0139 | EA | 64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section | 4,128.36 | 171.91 |
| 33 42 26 16-0140 | EA | 71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 4,991.86 | 206.29 |
| 33 42 26 16-0141 | EA | 77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 8,369.25 | 309.43 |
| 33 42 26 16-0142 | EA | 83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 8,767.50 | 412.59 |
| 33 42 26 16-0143 | EA | 87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 9,547.52 | 442.67 |
| 33 42 26 16-0144 | EA | 95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 9,963.17 | 472.75 |
| 33 42 26 16-0145 | EA | 103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 10,859.85 | 515.73 |
| 33 42 26 16-0146 | EA | 112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 11,502.35 | 558.71 |

### 33 42 26 16-0147 Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section *(33 42 26 16-0128)*

| | | | | |
|---|---|---|---|---|
| 33 42 26 16-0148 | EA | Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section | 58.48 | |
| 33 42 26 16-0149 | EA | Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section | 63.58 | |
| 33 42 26 16-0150 | EA | Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section | 66.98 | |
| 33 42 26 16-0151 | EA | Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section | 73.39 | |
| 33 42 26 16-0152 | EA | Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section | 83.45 | |
| 33 42 26 16-0153 | EA | Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section | 109.36 | |
| 33 42 26 16-0154 | EA | Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section | 120.10 | |
| 33 42 26 16-0155 | EA | Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section | 136.69 | |
| 33 42 26 16-0156 | EA | Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section | 154.53 | |
| 33 42 26 16-0157 | EA | Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section | 182.90 | |
| 33 42 26 16-0158 | EA | Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 233.71 | |
| 33 42 26 16-0159 | EA | Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 296.78 | |
| 33 42 26 16-0160 | EA | Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 399.34 | |
| 33 42 26 16-0161 | EA | Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 453.97 | |
| 33 42 26 16-0162 | EA | Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 475.15 | |
| 33 42 26 16-0163 | EA | Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 492.27 | |
| 33 42 26 16-0164 | EA | Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section | 513.34 | |

### 33 42 26 16-0165 Low Slope Corrugated Steel Pipe End Sections And Accessories *(33 42 26 16-0001)*

### 33 42 26 16-0166 4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*

| | | | | |
|---|---|---|---|---|
| 33 42 26 16-0167 | EA | 15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section | 544.88 | 58.94 |
| 33 42 26 16-0168 | EA | 18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section | 705.32 | 62.87 |
| 33 42 26 16-0169 | EA | 21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section | 865.89 | 68.76 |
| 33 42 26 16-0170 | EA | 24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section | 1,037.97 | 74.66 |
| 33 42 26 16-0171 | EA | 30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section | 1,096.64 | 84.48 |
| 33 42 26 16-0172 | EA | 36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section | 1,440.97 | 103.14 |
| 33 42 26 16-0173 | EA | 42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section | 2,289.64 | 120.34 |

### 33 42 26 16-0174 3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*

Note: Includes nut and bolt set.

| | | | | |
|---|---|---|---|---|
| 33 42 26 16-0175 | EA | 3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section | 391.84 | |
| 33 42 26 16-0176 | EA | 3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section | 793.47 | |
| 33 42 26 16-0177 | EA | 3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section | 870.77 | |
| 33 42 26 16-0178 | EA | 3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section | 904.85 | |

### 33 42 26 16-0179 6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*

| | | | | |
|---|---|---|---|---|
| 33 42 26 16-0180 | EA | 15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section | 571.36 | 58.94 |
| 33 42 26 16-0181 | EA | 18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section | 752.94 | 62.87 |
| 33 42 26 16-0182 | EA | 21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section | 1,006.05 | 68.76 |
| 33 42 26 16-0183 | EA | 24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section | 1,183.64 | 74.66 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 26 16-0184 | EA | 30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section | 1,405.87 | 84.48 |
| 33 42 26 16-0185 | EA | 36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section | 1,713.91 | 103.14 |
| 33 42 26 16-0186 | EA | 42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section | 2,631.13 | 120.34 |
| 33 42 26 16-0187 | | 3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)* | | |
| | | Note: Includes nut and bolt set. | | |
| 33 42 26 16-0188 | EA | 3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section | 768.64 | |
| 33 42 26 16-0189 | EA | 3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section | 815.08 | |
| 33 42 26 16-0190 | EA | 3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section | 896.31 | |
| 33 42 26 16-0191 | EA | 3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section | 940.21 | |
| 33 42 26 16-0192 | | Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section *(33 42 26 16-0165)* | | |
| 33 42 26 16-0193 | EA | Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section | 65.50 | |
| 33 42 26 16-0194 | EA | Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section | 73.75 | |
| 33 42 26 16-0195 | EA | Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section | 80.29 | |
| 33 42 26 16-0196 | EA | Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section | 89.75 | |
| 33 42 26 16-0197 | EA | Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section | 136.57 | |
| 33 42 26 16-0198 | EA | Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section | 146.60 | |
| 33 42 26 16-0199 | EA | Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section | 197.91 | |
| 33 42 26 16-0200 | | Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories *(33 42 26 16-0001)* | | |
| 33 42 26 16-0201 | | 4:1 Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)* | | |
| 33 42 26 16-0202 | EA | 21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section | 649.54 | 62.87 |
| 33 42 26 16-0203 | EA | 24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section | 817.84 | 68.76 |
| 33 42 26 16-0204 | EA | 28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section | 969.93 | 74.66 |
| 33 42 26 16-0205 | EA | 35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section | 1,843.73 | 84.48 |
| 33 42 26 16-0206 | | 3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0200)* | | |
| | | Note: Includes nut and bolt set. | | |
| 33 42 26 16-0207 | EA | 3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section | 467.91 | |
| 33 42 26 16-0208 | EA | 3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section | 859.11 | |
| 33 42 26 16-0209 | EA | 3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section | 904.85 | |
| 33 42 26 16-0210 | EA | 3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section | 1,335.49 | |
| 33 42 26 16-0211 | | Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)* | | |
| 33 42 26 16-0212 | EA | Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section | 66.15 | |
| 33 42 26 16-0213 | EA | Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section | 75.20 | |
| 33 42 26 16-0214 | EA | Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section | 81.99 | |
| 33 42 26 16-0215 | EA | Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section | 97.22 | |
| **33 42 26 19** | | **Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping *(33 42 26)*** | | |
| 33 42 26 19-0001 | | Corrugated High Density Polyethylene (HDPE) Pipe End Sections *(33 42 26 19)* | | |
| 33 42 26 19-0002 | EA | 4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 52.80 | 17.28 |
| 33 42 26 19-0003 | EA | 6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 99.24 | 25.94 |
| 33 42 26 19-0004 | EA | 8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 135.13 | 32.41 |
| 33 42 26 19-0005 | EA | 10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 212.72 | 51.86 |
| 33 42 26 19-0006 | EA | 12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 253.08 | 58.35 |
| 33 42 26 19-0007 | EA | 15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 268.54 | 62.67 |
| 33 42 26 19-0008 | EA | 18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 320.70 | 69.16 |
| 33 42 26 19-0009 | EA | 24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 415.40 | 82.11 |
| 33 42 26 19-0010 | EA | 30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 867.50 | 92.92 |
| 33 42 26 19-0011 | EA | 36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe | 1,059.53 | 103.72 |
| **33 42 26 23** | | **Concrete End Sections for Stormwater Piping *(33 42 26)*** | | |
| 33 42 26 23-0001 | | Precast Concrete End Sections *(33 42 26 23)* | | |
| 33 42 26 23-0002 | | Precast Concrete End Sections *(33 42 26 23-0001)* | | |
| 33 42 26 23-0003 | EA | 12" Diameter Pipe, Precast Concrete End Section | 577.35 | 92.18 |
| 33 42 26 23-0004 | EA | 15" Diameter Pipe, Precast Concrete End Section | 775.99 | 114.11 |
| 33 42 26 23-0005 | EA | 18" Diameter Pipe, Precast Concrete End Section | 960.49 | 144.44 |
| 33 42 26 23-0006 | EA | 21" Diameter Pipe, Precast Concrete End Section | 1,101.54 | 172.73 |
| 33 42 26 23-0007 | EA | 24" Diameter Pipe, Precast Concrete End Section | 1,169.07 | 199.92 |
| 33 42 26 23-0008 | EA | 27" Diameter Pipe, Precast Concrete End Section | 1,478.48 | 256.15 |
| 33 42 26 23-0009 | EA | 30" Diameter Pipe, Precast Concrete End Section | 1,830.56 | 384.73 |
| 33 42 26 23-0010 | EA | 36" Diameter Pipe, Precast Concrete End Section | 2,259.55 | 485.47 |
| 33 42 26 23-0011 | EA | 42" Diameter Pipe, Precast Concrete End Section | 2,732.45 | 608.99 |
| 33 42 26 23-0012 | EA | 48" Diameter Pipe, Precast Concrete End Section | 2,993.56 | 686.78 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 26 23-0013 | EA | 54" Diameter Pipe, Precast Concrete End Section | 3,264.00 | 769.29 |
| 33 42 26 23-0014 | EA | 60" Diameter Pipe, Precast Concrete End Section | 3,541.21 | 855.25 |
| 33 42 26 23-0015 | | Flared Precast Concrete End Sections *(33 42 26 23-0001)* | | |
| 33 42 26 23-0016 | EA | 12" Diameter Pipe, Flared Precast Concrete End Section | 731.49 | 100.14 |
| 33 42 26 23-0017 | EA | 15" Diameter Pipe, Flared Precast Concrete End Section | 880.68 | 124.81 |
| 33 42 26 23-0018 | EA | 18" Diameter Pipe, Flared Precast Concrete End Section | 1,068.80 | 157.98 |
| 33 42 26 23-0019 | EA | 21" Diameter Pipe, Flared Precast Concrete End Section | 1,220.80 | 188.92 |
| 33 42 26 23-0020 | EA | 24" Diameter Pipe, Flared Precast Concrete End Section | 1,490.34 | 218.66 |
| 33 42 26 23-0021 | EA | 27" Diameter Pipe, Flared Precast Concrete End Section | 1,792.34 | 349.24 |
| 33 42 26 23-0022 | EA | 30" Diameter Pipe, Flared Precast Concrete End Section | 1,857.95 | 480.83 |
| 33 42 26 23-0023 | EA | 36" Diameter Pipe, Flared Precast Concrete End Section | 2,512.80 | 606.84 |
| 33 42 26 23-0024 | EA | 42" Diameter Pipe, Flared Precast Concrete End Section | 3,013.40 | 761.39 |
| 33 42 26 23-0025 | EA | 48" Diameter Pipe, Flared Precast Concrete End Section | 3,258.61 | 858.69 |
| 33 42 26 23-0026 | EA | 54" Diameter Pipe, Flared Precast Concrete End Section | 3,644.73 | 961.75 |
| 33 42 26 23-0027 | EA | 60" Diameter Pipe, Flared Precast Concrete End Section | 4,038.00 | 1,068.25 |

## 33 42 31 Stormwater Area Drains and Inlets *(33 42)*

33 42 31 00-0001 Storm Drains *(33 42 31)*
See CSI section 33 05 61 00-0001 for manhole structures.

33 42 31 00-0002 Catch Basins And Inlet Basins *(33 42 31 00-0001)*
Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

33 42 31 00-0003 Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)*
Note: Inside dimensions.

33 42 31 00-0004 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

| | | | | |
|---|---|---|---|---|
| 33 42 31 00-0005 | EA | 2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 1,447.96 | 262.48 |
| 33 42 31 00-0006 | EA | 3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 1,731.52 | 307.54 |
| 33 42 31 00-0007 | EA | 4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 2,015.05 | 352.52 |
| 33 42 31 00-0008 | EA | 5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 2,298.60 | 397.59 |
| 33 42 31 00-0009 | EA | 6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 2,582.13 | 442.57 |

33 42 31 00-0010 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

| | | | | |
|---|---|---|---|---|
| 33 42 31 00-0011 | EA | 2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 1,885.43 | 260.90 |
| 33 42 31 00-0012 | EA | 3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 2,327.41 | 347.85 |
| 33 42 31 00-0013 | EA | 4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 2,962.02 | 474.35 |
| 33 42 31 00-0014 | EA | 5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 3,615.15 | 553.41 |
| 33 42 31 00-0015 | EA | 6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 4,120.01 | 632.47 |

33 42 31 00-0016 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

| | | | | |
|---|---|---|---|---|
| 33 42 31 00-0017 | EA | 2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 2,027.97 | 284.62 |
| 33 42 31 00-0018 | EA | 3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 2,810.41 | 395.29 |
| 33 42 31 00-0019 | EA | 4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 3,422.73 | 513.88 |
| 33 42 31 00-0020 | EA | 5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 3,952.21 | 592.94 |
| 33 42 31 00-0021 | EA | 6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin | 5,010.44 | 758.97 |

33 42 31 00-0022 Cast In Place, Catch Basin *(33 42 31 00-0002)*
Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.

33 42 31 00-0023 3' x 3', Cast In Place, Catch Basins *(33 42 31 00-0022)*

| | | | | |
|---|---|---|---|---|
| 33 42 31 00-0024 | EA | 3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin | 1,967.55 | 317.35 |
| 33 42 31 00-0025 | EA | 3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin | 2,086.13 | 337.43 |
| 33 42 31 00-0026 | EA | 4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin | 2,301.50 | 362.40 |
| 33 42 31 00-0027 | EA | 4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 2,579.23 | 401.14 |
| 33 42 31 00-0028 | EA | 5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 2,802.46 | 426.99 |
| 33 42 31 00-0029 | EA | 5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 2,931.86 | 447.79 |
| 33 42 31 00-0030 | EA | 6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 3,155.24 | 473.64 |
| 33 42 31 00-0031 | EA | 6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 3,281.63 | 494.51 |
| 33 42 31 00-0032 | EA | 7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 3,506.41 | 520.28 |
| 33 42 31 00-0033 | EA | 7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 3,634.41 | 541.16 |
| 33 42 31 00-0034 | EA | 8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 3,857.69 | 567.01 |
| 33 42 31 00-0035 | VLF | >8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin | 482.23 | 70.83 |

33 42 31 00-0036 3'-6" x 3'-6", Cast In Place, Catch Basins *(33 42 31 00-0022)*

| | | | | |
|---|---|---|---|---|
| 33 42 31 00-0037 | EA | 3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 2,262.60 | 366.83 |
| 33 42 31 00-0038 | EA | 3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 2,411.63 | 392.60 |
| 33 42 31 00-0039 | EA | 4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 2,636.27 | 418.45 |
| 33 42 31 00-0040 | EA | 4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 2,960.71 | 463.45 |
| 33 42 31 00-0041 | EA | 5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 3,203.80 | 492.69 |
| 33 42 31 00-0042 | EA | 5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 3,352.90 | 516.96 |
| 33 42 31 00-0043 | EA | 6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 3,598.84 | 546.21 |
| 33 42 31 00-0044 | EA | 6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 3,747.94 | 570.48 |
| 33 42 31 00-0045 | EA | 7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 3,992.36 | 599.74 |
| 33 42 31 00-0046 | EA | 7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 4,141.58 | 624.01 |
| 33 42 31 00-0047 | EA | 8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 4,386.08 | 653.26 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 31 00-0048 | VLF | >8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 548.28 | 81.67 |
| **33 42 31 00-0049** | | **4' x 4', Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0050 | EA | 3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin | 2,578.45 | 419.64 |
| 33 42 31 00-0051 | EA | 3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin | 2,736.75 | 446.29 |
| 33 42 31 00-0052 | EA | 4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin | 2,990.43 | 477.83 |
| 33 42 31 00-0053 | EA | 4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 3,362.06 | 529.14 |
| 33 42 31 00-0054 | EA | 5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 3,627.79 | 561.79 |
| 33 42 31 00-0055 | EA | 5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 3,798.05 | 589.54 |
| 33 42 31 00-0056 | EA | 6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 4,063.77 | 622.19 |
| 33 42 31 00-0057 | EA | 6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 4,233.91 | 649.94 |
| 33 42 31 00-0058 | EA | 7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 4,499.64 | 682.59 |
| 33 42 31 00-0059 | EA | 7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 4,669.90 | 710.35 |
| 33 42 31 00-0060 | EA | 8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 4,935.63 | 743.08 |
| 33 42 31 00-0061 | VLF | >8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin | 616.92 | 92.89 |
| **33 42 31 00-0062** | | **4'-6" x 4'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0063 | EA | 3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 2,975.11 | 486.60 |
| 33 42 31 00-0064 | EA | 3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 3,159.61 | 514.12 |
| 33 42 31 00-0065 | EA | 4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 3,438.06 | 549.69 |
| 33 42 31 00-0066 | EA | 4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 3,861.53 | 608.04 |
| 33 42 31 00-0067 | EA | 5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 4,154.02 | 644.88 |
| 33 42 31 00-0068 | EA | 5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 4,351.11 | 676.74 |
| 33 42 31 00-0069 | EA | 6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 4,643.73 | 713.59 |
| 33 42 31 00-0070 | EA | 6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 4,840.83 | 745.52 |
| 33 42 31 00-0071 | EA | 7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 5,133.32 | 782.36 |
| 33 42 31 00-0072 | EA | 7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 5,329.02 | 814.22 |
| 33 42 31 00-0073 | EA | 8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 5,623.02 | 851.06 |
| 33 42 31 00-0074 | VLF | >8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 702.92 | 106.42 |
| **33 42 31 00-0075** | | **5' x 5', Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0076 | EA | 4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin | 3,845.24 | 617.21 |
| 33 42 31 00-0077 | EA | 4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 4,316.75 | 682.04 |
| 33 42 31 00-0078 | EA | 5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 4,632.18 | 722.43 |
| 33 42 31 00-0079 | EA | 5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 4,850.83 | 757.86 |
| 33 42 31 00-0080 | EA | 6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 5,163.34 | 798.18 |
| 33 42 31 00-0081 | EA | 6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 5,383.40 | 833.59 |
| 33 42 31 00-0082 | EA | 7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 5,697.43 | 874.00 |
| 33 42 31 00-0083 | EA | 7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 5,914.57 | 909.41 |
| 33 42 31 00-0084 | EA | 8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 6,230.01 | 949.73 |
| 33 42 31 00-0085 | VLF | >8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 1,241.97 | 118.75 |
| **33 42 31 00-0086** | | **5'-6" x 5'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0087 | EA | 4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 4,272.09 | 688.29 |
| 33 42 31 00-0088 | EA | 4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 4,945.94 | 779.13 |
| 33 42 31 00-0089 | EA | 5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 5,292.30 | 824.03 |
| 33 42 31 00-0090 | EA | 5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin | 5,541.89 | 864.27 |
| 33 42 31 00-0091 | EA | 6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 5,889.77 | 909.49 |
| 33 42 31 00-0092 | EA | 6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 6,140.76 | 949.73 |
| 33 42 31 00-0093 | EA | 7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 6,487.12 | 994.95 |
| 33 42 31 00-0094 | EA | 7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 6,736.71 | 1,035.19 |
| 33 42 31 00-0095 | EA | 8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 7,083.07 | 1,080.41 |
| 33 42 31 00-0096 | VLF | >8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 885.39 | 135.03 |
| **33 42 31 00-0097** | | **6' x 6', Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0098 | EA | 4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin | 4,721.60 | 762.68 |
| 33 42 31 00-0099 | EA | 4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 5,463.84 | 862.37 |
| 33 42 31 00-0100 | EA | 5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 5,833.63 | 911.23 |
| 33 42 31 00-0101 | EA | 5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 6,106.52 | 955.11 |
| 33 42 31 00-0102 | EA | 6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 6,474.92 | 1,003.96 |
| 33 42 31 00-0103 | EA | 6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 6,749.32 | 1,047.84 |
| 33 42 31 00-0104 | EA | 7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 7,117.60 | 1,096.70 |
| 33 42 31 00-0105 | EA | 7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 7,390.60 | 1,140.58 |
| 33 42 31 00-0106 | EA | 8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 7,760.39 | 1,189.44 |
| 33 42 31 00-0107 | VLF | >8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin | 970.08 | 148.71 |
| **33 42 31 00-0108** | | **6'-6" x 6'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0109 | EA | 4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 5,190.80 | 840.64 |
| 33 42 31 00-0110 | EA | 4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 6,197.72 | 973.92 |
| 33 42 31 00-0111 | EA | 5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 6,601.35 | 1,028.00 |
| 33 42 31 00-0112 | EA | 5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 6,909.51 | 1,077.10 |
| 33 42 31 00-0113 | EA | 6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 7,313.14 | 1,131.09 |
| 33 42 31 00-0114 | EA | 6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 7,621.29 | 1,180.26 |
| 33 42 31 00-0115 | EA | 7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 8,024.92 | 1,234.27 |
| 33 42 31 00-0116 | EA | 7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 8,333.07 | 1,283.36 |
| 33 42 31 00-0117 | EA | 8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 8,738.23 | 1,337.43 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 31 00-0118 | VLF | >8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 1,092.24 | 167.21 |
| **33 42 31 00-0119** | | **7' x 7', Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0120 | EA | 4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin | 5,681.27 | 921.98 |
| 33 42 31 00-0121 | EA | 4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 6,783.00 | 1,067.45 |
| 33 42 31 00-0122 | EA | 5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 7,210.53 | 1,125.32 |
| 33 42 31 00-0123 | EA | 5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 7,541.13 | 1,178.13 |
| 33 42 31 00-0124 | EA | 6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 7,969.99 | 1,235.92 |
| 33 42 31 00-0125 | EA | 6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 8,300.61 | 1,288.81 |
| 33 42 31 00-0126 | EA | 7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 8,728.13 | 1,346.61 |
| 33 42 31 00-0127 | EA | 7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 9,060.14 | 1,399.50 |
| 33 42 31 00-0128 | EA | 8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 9,487.59 | 1,457.28 |
| 33 42 31 00-0129 | VLF | >8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin | 1,185.99 | 182.15 |
| **33 42 31 00-0130** | | **7'-6" x 7'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0131 | EA | 4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin | 6,414.20 | 1,034.80 |
| 33 42 31 00-0132 | EA | 4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 7,392.25 | 1,164.77 |
| 33 42 31 00-0133 | EA | 5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 7,842.15 | 1,226.36 |
| 33 42 31 00-0134 | EA | 5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 8,198.07 | 1,282.96 |
| 33 42 31 00-0135 | EA | 6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 8,649.30 | 1,344.55 |
| 33 42 31 00-0136 | EA | 6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 9,005.21 | 1,401.16 |
| 33 42 31 00-0137 | EA | 7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 9,455.12 | 1,462.74 |
| 33 42 31 00-0138 | EA | 7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 9,811.04 | 1,519.35 |
| 33 42 31 00-0139 | EA | 8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 10,262.34 | 1,580.94 |
| 33 42 31 00-0140 | VLF | >8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin | 1,282.75 | 197.65 |
| **33 42 31 00-0141** | | **8' x 8', Cast In Place, Catch Basins** *(33 42 31 00-0022)* | | |
| 33 42 31 00-0142 | EA | 4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin | 6,968.01 | 1,125.87 |
| 33 42 31 00-0143 | EA | 4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 8,023.76 | 1,265.89 |
| 33 42 31 00-0144 | EA | 5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 8,497.54 | 1,331.18 |
| 33 42 31 00-0145 | EA | 5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 8,877.35 | 1,391.59 |
| 33 42 31 00-0146 | EA | 6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 9,351.03 | 1,456.89 |
| 33 42 31 00-0147 | EA | 6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 9,728.05 | 1,517.29 |
| 33 42 31 00-0148 | EA | 7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 10,204.53 | 1,582.60 |
| 33 42 31 00-0149 | EA | 7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 10,584.35 | 1,643.00 |
| 33 42 31 00-0150 | EA | 8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 11,051.01 | 1,708.30 |
| 33 42 31 00-0151 | VLF | >8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin | 1,382.25 | 213.54 |
| **33 42 31 00-0152** | | **Precast Concrete Catch Basins** *(33 42 31 00-0002)*<br>Note: Inside dimensions. | | |
| **33 42 31 00-0153** | | **1'-6" Diameter Precast Catch Basins** *(33 42 31 00-0152)* | | |
| 33 42 31 00-0154 | EA | 4' Deep, 1'-6" Diameter Precast Catch Basins | 579.31 | 173.46 |
| 33 42 31 00-0155 | EA | 6' Deep, 1'-6" Diameter Precast Catch Basins | 802.89 | 260.19 |
| 33 42 31 00-0156 | EA | 8' Deep, 1'-6" Diameter Precast Catch Basins | 1,014.95 | 338.24 |
| 33 42 31 00-0157 | EA | 10' Deep, 1'-6" Diameter Precast Catch Basins | 1,216.90 | 399.82 |
| 33 42 31 00-0158 | EA | 12' Deep, 1'-6" Diameter Precast Catch Basins | 1,496.06 | 507.37 |
| 33 42 31 00-0159 | EA | 14' Deep, 1'-6" Diameter Precast Catch Basins | 1,710.61 | 585.43 |
| 33 42 31 00-0160 | VLF | Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins | 118.90 | 39.03 |
| **33 42 31 00-0161** | | **2' Diameter Precast Catch Basins** *(33 42 31 00-0152)* | | |
| 33 42 31 00-0162 | EA | 4' Deep, 2' Diameter Precast Catch Basin | 660.86 | 192.97 |
| 33 42 31 00-0163 | EA | 6' Deep, 2' Diameter Precast Catch Basin | 910.83 | 286.21 |
| 33 42 31 00-0164 | EA | 8' Deep, 2' Diameter Precast Catch Basin | 1,146.98 | 377.27 |
| 33 42 31 00-0165 | EA | 10' Deep, 2' Diameter Precast Catch Basin | 1,371.00 | 440.15 |
| 33 42 31 00-0166 | EA | 12' Deep, 2' Diameter Precast Catch Basin | 1,695.29 | 563.75 |
| 33 42 31 00-0167 | EA | 14' Deep, 2' Diameter Precast Catch Basin | 1,936.01 | 650.47 |
| 33 42 31 00-0168 | VLF | Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin | 134.60 | 46.84 |
| **33 42 31 00-0169** | | **3' Diameter Precast Catch Basins** *(33 42 31 00-0152)* | | |
| 33 42 31 00-0170 | EA | 4' Deep, 3' Diameter Precast Catch Basin | 877.23 | 227.67 |
| 33 42 31 00-0171 | EA | 6' Deep, 3' Diameter Precast Catch Basin | 1,192.60 | 336.51 |
| 33 42 31 00-0172 | EA | 8' Deep, 3' Diameter Precast Catch Basin | 1,494.29 | 444.49 |
| 33 42 31 00-0173 | EA | 10' Deep, 3' Diameter Precast Catch Basin | 1,861.07 | 555.07 |
| 33 42 31 00-0174 | EA | 12' Deep, 3' Diameter Precast Catch Basin | 2,196.89 | 661.74 |
| 33 42 31 00-0175 | EA | 14' Deep, 3' Diameter Precast Catch Basin | 2,520.36 | 770.16 |
| 33 42 31 00-0176 | VLF | Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin | 173.01 | 55.01 |
| **33 42 31 00-0177** | | **4' Diameter Precast Catch Basins** *(33 42 31 00-0152)* | | |
| 33 42 31 00-0178 | EA | 4' Deep, 4' Diameter Precast Catch Basin | 1,065.21 | 253.25 |
| 33 42 31 00-0179 | EA | 6' Deep, 4' Diameter Precast Catch Basin | 1,382.20 | 346.92 |
| 33 42 31 00-0180 | EA | 8' Deep, 4' Diameter Precast Catch Basin | 1,840.83 | 520.37 |
| 33 42 31 00-0181 | EA | 10' Deep, 4' Diameter Precast Catch Basin | 2,297.02 | 650.47 |
| 33 42 31 00-0182 | EA | 12' Deep, 4' Diameter Precast Catch Basin | 2,713.26 | 780.57 |
| 33 42 31 00-0183 | EA | 14' Deep, 4' Diameter Precast Catch Basin | 3,115.45 | 910.66 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 31 00-0184 | VLF | Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin | 213.32 | 65.04 |
| **33 42 31 00-0185** | | **5' Diameter Precast Catch Basins** *(33 42 31 00-0152)* | | |
| 33 42 31 00-0186 | EA | 4' Deep, 5' Diameter Precast Catch Basin | 1,432.95 | 346.92 |
| 33 42 31 00-0187 | EA | 6' Deep, 5' Diameter Precast Catch Basin | 1,953.60 | 520.37 |
| 33 42 31 00-0188 | EA | 8' Deep, 5' Diameter Precast Catch Basin | 2,476.83 | 693.83 |
| 33 42 31 00-0189 | EA | 10' Deep, 5' Diameter Precast Catch Basin | 3,026.20 | 867.29 |
| 33 42 31 00-0190 | EA | 12' Deep, 5' Diameter Precast Catch Basin | 3,566.87 | 1,040.75 |
| 33 42 31 00-0191 | EA | 14' Deep, 5' Diameter Precast Catch Basin | 4,149.77 | 1,214.22 |
| 33 42 31 00-0192 | VLF | Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin | 283.80 | 86.73 |
| **33 42 31 00-0193** | | **6' Diameter Precast Catch Basins** *(33 42 31 00-0152)* | | |
| 33 42 31 00-0194 | EA | 4' Deep, 6' Diameter Precast Catch Basin | 2,094.57 | 520.37 |
| 33 42 31 00-0195 | EA | 6' Deep, 6' Diameter Precast Catch Basin | 2,826.04 | 780.57 |
| 33 42 31 00-0196 | EA | 8' Deep, 6' Diameter Precast Catch Basin | 3,610.42 | 1,040.75 |
| 33 42 31 00-0197 | EA | 10' Deep, 6' Diameter Precast Catch Basin | 4,498.92 | 1,300.94 |
| 33 42 31 00-0198 | EA | 12' Deep, 6' Diameter Precast Catch Basin | 5,359.24 | 1,561.13 |
| 33 42 31 00-0199 | EA | 14' Deep, 6' Diameter Precast Catch Basin | 6,198.14 | 1,821.31 |
| 33 42 31 00-0200 | VLF | Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin | 422.91 | 130.10 |
| **33 42 31 00-0201** | | **Precast Catch Basins Accessories** *(33 42 31 00-0152)* | | |
| 33 42 31 00-0202 | EA | Single Or Double Wing Slab Top With Throat | 1,218.10 | 563.75 |
| 33 42 31 00-0203 | EA | 4' x 4' Weir Box, Precast Catch Basin | 594.05 | 69.39 |
| 33 42 31 00-0204 | EA | 4' Diameter Inlet Round To Square Adapter, Precast Catch Basin | 327.55 | 73.72 |
| 33 42 31 00-0205 | EA | 3' Diameter, Up To 6" High, Precast Extension Ring | 405.74 | 108.42 |
| | | *For Each Additional Inch In Height, Add* | *49.54* | |
| 33 42 31 00-0206 | EA | 4' Diameter, Up To 6" High, Precast Extension Ring | 478.20 | 130.10 |
| | | *For Each Additional Inch In Height, Add* | *58.00* | |
| 33 42 31 00-0207 | EA | 5' Diameter, Up To 6" High, Precast Extension Ring | 557.82 | 151.78 |
| | | *For Each Additional Inch In Height, Add* | *67.70* | |
| 33 42 31 00-0208 | EA | 6' Diameter, Up To 6" High, Precast Extension Ring | 693.44 | 216.82 |
| | | *For Each Additional Inch In Height, Add* | *79.47* | |
| 33 42 31 00-0209 | EA | Adjust Existing Catch Basin Inlet Grate To Match Grade | 520.35 | |
| **33 42 31 00-0210** | | **Catch Basin Risers** *(33 42 31 00-0152)* | | |
| 33 42 31 00-0211 | EA | Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser | 345.20 | |
| 33 42 31 00-0212 | EA | >860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser | 387.11 | |
| 33 42 31 00-0213 | EA | >1140 Square Inch, Up To 2" Rise, Catch Basin Riser | 436.98 | |
| 33 42 31 00-0214 | EA | Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser | 371.86 | |
| 33 42 31 00-0215 | EA | >860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser | 416.57 | |
| 33 42 31 00-0216 | EA | >1140 Square Inch, >2" To 3" Rise, Catch Basin Riser | 471.86 | |
| 33 42 31 00-0217 | EA | Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser | 412.15 | |
| 33 42 31 00-0218 | EA | >860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser | 451.81 | |
| 33 42 31 00-0219 | EA | >1140 Square Inch, >3" To 4" Rise, Catch Basin Riser | 507.26 | |
| **33 42 31 00-0220** | | **Precast Concrete Inlet Boxes** *(33 42 31 00-0002)*<br>Note: Inside dimensions. | | |
| **33 42 31 00-0221** | | **Precast Concrete Inlet Boxes** *(33 42 31 00-0220)* | | |
| **33 42 31 00-0222** | | **24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0221)*<br>Note: Yard inlet. | | |
| **33 42 31 00-0223** | | **24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0222)* | | |
| 33 42 31 00-0224 | EA | 24" Height, 24" x 24" ID, Precast Concrete Inlet Box | 641.72 | 60.71 |
| 33 42 31 00-0225 | EA | 30" Height, 24" x 24" ID, Precast Concrete Inlet Box | 754.46 | 73.72 |
| 33 42 31 00-0226 | EA | 36" Height, 24" x 24" ID, Precast Concrete Inlet Box | 867.20 | 86.73 |
| 33 42 31 00-0227 | EA | 42" Height, 24" x 24" ID, Precast Concrete Inlet Box | 981.03 | 100.28 |
| **33 42 31 00-0228** | | **24" x 24" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0222)* | | |
| 33 42 31 00-0229 | EA | 6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser | 160.44 | |
| 33 42 31 00-0230 | EA | 12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser | 260.16 | |
| 33 42 31 00-0231 | EA | 18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser | 368.57 | |
| 33 42 31 00-0232 | EA | 24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser | 476.97 | |
| 33 42 31 00-0233 | EA | 30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser | 585.37 | |
| 33 42 31 00-0234 | EA | 36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser | 693.76 | |
| **33 42 31 00-0235** | | **22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0221)* | | |
| **33 42 31 00-0236** | | **22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0235)* | | |
| 33 42 31 00-0237 | EA | 36" Height, 22" x 48" ID, Precast Concrete Inlet Box | 1,318.89 | 171.91 |
| 33 42 31 00-0238 | EA | 42" Height, 22" x 48" ID, Precast Concrete Inlet Box | 1,483.74 | 198.77 |
| 33 42 31 00-0239 | EA | 48" Height, 22" x 48" ID, Precast Concrete Inlet Box | 1,648.59 | 225.63 |
| 33 42 31 00-0240 | EA | 54" Height, 22" x 48" ID, Precast Concrete Inlet Box | 1,813.56 | 252.56 |
| 33 42 31 00-0241 | EA | 60" Height, 22" x 48" ID, Precast Concrete Inlet Box | 1,978.55 | 279.48 |
| 33 42 31 00-0242 | EA | 66" Height, 22" x 48" ID, Precast Concrete Inlet Box | 2,143.52 | 306.41 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 31 00-0243 | EA | 72" Height, 22" x 48" ID, Precast Concrete Inlet Box | 2,308.51 | 333.33 |
| **33 42 31 00-0244** | | **22" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0235)* | | |
| 33 42 31 00-0245 | EA | 6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 314.12 | |
| 33 42 31 00-0246 | EA | 12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 506.81 | |
| 33 42 31 00-0247 | EA | 18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 550.21 | |
| 33 42 31 00-0248 | EA | 24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 704.70 | |
| 33 42 31 00-0249 | EA | 30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 859.19 | |
| 33 42 31 00-0250 | EA | 36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 1,010.59 | |
| 33 42 31 00-0251 | EA | 42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 1,175.44 | |
| 33 42 31 00-0252 | EA | 48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 1,340.29 | |
| 33 42 31 00-0253 | EA | 54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 1,505.27 | |
| 33 42 31 00-0254 | EA | 60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 1,670.25 | |
| 33 42 31 00-0255 | EA | 66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 1,835.22 | |
| 33 42 31 00-0256 | EA | 72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser | 2,000.21 | |
| **33 42 31 00-0257** | | **30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0221)* | | |
| **33 42 31 00-0258** | | **30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0257)* | | |
| 33 42 31 00-0259 | EA | 36" Height, 30" x 48" ID, Precast Concrete Inlet Box | 1,272.08 | 189.10 |
| 33 42 31 00-0260 | EA | 42" Height, 30" x 48" ID, Precast Concrete Inlet Box | 1,437.24 | 218.65 |
| 33 42 31 00-0261 | EA | 48" Height, 30" x 48" ID, Precast Concrete Inlet Box | 1,602.41 | 248.20 |
| 33 42 31 00-0262 | EA | 54" Height, 30" x 48" ID, Precast Concrete Inlet Box | 1,767.72 | 277.81 |
| 33 42 31 00-0263 | EA | 60" Height, 30" x 48" ID, Precast Concrete Inlet Box | 1,933.03 | 307.43 |
| 33 42 31 00-0264 | EA | 66" Height, 30" x 48" ID, Precast Concrete Inlet Box | 2,098.34 | 337.05 |
| 33 42 31 00-0265 | EA | 72" Height, 30" x 48" ID, Precast Concrete Inlet Box | 2,263.64 | 366.67 |
| **33 42 31 00-0266** | | **30" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0257)* | | |
| 33 42 31 00-0267 | EA | 6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 312.96 | |
| 33 42 31 00-0268 | EA | 12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 498.70 | |
| 33 42 31 00-0269 | EA | 18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 543.42 | |
| 33 42 31 00-0270 | EA | 24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 695.05 | |
| 33 42 31 00-0271 | EA | 30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 846.68 | |
| 33 42 31 00-0272 | EA | 36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 997.44 | |
| 33 42 31 00-0273 | EA | 42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 1,160.24 | |
| 33 42 31 00-0274 | EA | 48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 1,322.19 | |
| 33 42 31 00-0275 | EA | 54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 1,484.99 | |
| 33 42 31 00-0276 | EA | 60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 1,646.94 | |
| 33 42 31 00-0277 | EA | 66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 1,809.73 | |
| 33 42 31 00-0278 | EA | 72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser | 1,972.53 | |
| **33 42 31 00-0279** | | **42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0221)* | | |
| **33 42 31 00-0280** | | **42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0279)* | | |
| 33 42 31 00-0281 | EA | 36" Height, 42" x 48" ID, Precast Concrete Inlet Box | 1,512.80 | 206.29 |
| 33 42 31 00-0282 | EA | 42" Height, 42" x 48" ID, Precast Concrete Inlet Box | 1,706.77 | 239.81 |
| 33 42 31 00-0283 | EA | 48" Height, 42" x 48" ID, Precast Concrete Inlet Box | 1,900.75 | 274.20 |
| 33 42 31 00-0284 | EA | 54" Height, 42" x 48" ID, Precast Concrete Inlet Box | 2,093.86 | 307.72 |
| 33 42 31 00-0285 | EA | 60" Height, 42" x 48" ID, Precast Concrete Inlet Box | 2,287.85 | 342.10 |
| 33 42 31 00-0286 | EA | 66" Height, 42" x 48" ID, Precast Concrete Inlet Box | 2,481.82 | 375.63 |
| 33 42 31 00-0287 | EA | 72" Height, 42" x 48" ID, Precast Concrete Inlet Box | 2,674.94 | 409.14 |
| **33 42 31 00-0288** | | **42" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0279)* | | |
| 33 42 31 00-0289 | EA | 6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 345.55 | |
| 33 42 31 00-0290 | EA | 12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 562.17 | |
| 33 42 31 00-0291 | EA | 18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 608.15 | |
| 33 42 31 00-0292 | EA | 24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 780.22 | |
| 33 42 31 00-0293 | EA | 30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 952.27 | |
| 33 42 31 00-0294 | EA | 36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 1,124.33 | |
| 33 42 31 00-0295 | EA | 42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 1,308.00 | |
| 33 42 31 00-0296 | EA | 48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 1,491.66 | |
| 33 42 31 00-0297 | EA | 54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 1,675.33 | |
| 33 42 31 00-0298 | EA | 60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 1,858.99 | |
| 33 42 31 00-0299 | EA | 66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 2,042.65 | |
| 33 42 31 00-0300 | EA | 72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser | 2,226.32 | |
| **33 42 31 00-0301** | | **42" x 48" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0279)* | | |
| 33 42 31 00-0302 | EA | 42" x 48" ID, Precast Concrete Inlet Box Top Slab | 858.30 | 128.93 |
| **33 42 31 00-0303** | | **48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0221)* | | |
| **33 42 31 00-0304** | | **48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0303)* | | |
| 33 42 31 00-0305 | EA | 36" Height, 48" x 54" ID, Precast Concrete Inlet Box | 2,145.81 | 229.21 |
| 33 42 31 00-0306 | EA | 42" Height, 48" x 54" ID, Precast Concrete Inlet Box | 2,405.01 | 266.89 |
| 33 42 31 00-0307 | EA | 48" Height, 48" x 54" ID, Precast Concrete Inlet Box | 2,664.20 | 304.56 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 31 00-0308 | EA | 54" Height, 48" x 54" ID, Precast Concrete Inlet Box | 2,923.11 | 342.10 |
| 33 42 31 00-0309 | EA | 60" Height, 48" x 54" ID, Precast Concrete Inlet Box | 3,182.03 | 379.64 |
| 33 42 31 00-0310 | EA | 66" Height, 48" x 54" ID, Precast Concrete Inlet Box | 3,440.95 | 417.17 |
| 33 42 31 00-0311 | EA | 72" Height, 48" x 54" ID, Precast Concrete Inlet Box | 3,699.86 | 454.72 |
| **33 42 31 00-0312** | | **48" x 54" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0303)* | | |
| 33 42 31 00-0313 | EA | 6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 347.15 | |
| 33 42 31 00-0314 | EA | 12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 553.92 | |
| 33 42 31 00-0315 | EA | 18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 809.39 | |
| 33 42 31 00-0316 | EA | 24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 1,064.85 | |
| 33 42 31 00-0317 | EA | 30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 1,305.99 | |
| 33 42 31 00-0318 | EA | 36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 1,561.46 | |
| 33 42 31 00-0319 | EA | 42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 1,820.66 | |
| 33 42 31 00-0320 | EA | 48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 2,079.85 | |
| 33 42 31 00-0321 | EA | 54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 2,338.76 | |
| 33 42 31 00-0322 | EA | 60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 2,597.68 | |
| 33 42 31 00-0323 | EA | 66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 2,856.60 | |
| 33 42 31 00-0324 | EA | 72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser | 3,115.51 | |
| **33 42 31 00-0325** | | **48" x 54" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0303)* | | |
| 33 42 31 00-0326 | EA | 48" x 54" ID, Precast Concrete Inlet Box Top Slab | 932.82 | 139.68 |
| **33 42 31 00-0327** | | **48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0221)* | | |
| **33 42 31 00-0328** | | **48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0327)* | | |
| 33 42 31 00-0329 | EA | 36" Height, 48" x 66" ID, Precast Concrete Inlet Box | 2,473.91 | 288.81 |
| 33 42 31 00-0330 | EA | 42" Height, 48" x 66" ID, Precast Concrete Inlet Box | 2,758.96 | 337.06 |
| 33 42 31 00-0331 | EA | 48" Height, 48" x 66" ID, Precast Concrete Inlet Box | 3,044.00 | 385.32 |
| 33 42 31 00-0332 | EA | 54" Height, 48" x 66" ID, Precast Concrete Inlet Box | 3,328.51 | 433.30 |
| 33 42 31 00-0333 | EA | 60" Height, 48" x 66" ID, Precast Concrete Inlet Box | 3,613.03 | 481.29 |
| 33 42 31 00-0334 | EA | 66" Height, 48" x 66" ID, Precast Concrete Inlet Box | 3,897.53 | 529.27 |
| 33 42 31 00-0335 | EA | 72" Height, 48" x 66" ID, Precast Concrete Inlet Box | 4,182.04 | 577.26 |
| **33 42 31 00-0336** | | **48" x 66" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0327)* | | |
| 33 42 31 00-0337 | EA | 6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 381.08 | |
| 33 42 31 00-0338 | EA | 12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 593.68 | |
| 33 42 31 00-0339 | EA | 18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 878.48 | |
| 33 42 31 00-0340 | EA | 24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 1,163.28 | |
| 33 42 31 00-0341 | EA | 30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 1,424.03 | |
| 33 42 31 00-0342 | EA | 36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 1,708.82 | |
| 33 42 31 00-0343 | EA | 42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 1,993.87 | |
| 33 42 31 00-0344 | EA | 48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 2,278.90 | |
| 33 42 31 00-0345 | EA | 54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 2,563.42 | |
| 33 42 31 00-0346 | EA | 60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 2,847.93 | |
| 33 42 31 00-0347 | EA | 66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 3,132.44 | |
| 33 42 31 00-0348 | EA | 72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser | 3,416.95 | |
| **33 42 31 00-0349** | | **48" x 66" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0327)* | | |
| 33 42 31 00-0350 | EA | 48" x 66" ID, Precast Concrete Inlet Box Top Slab | 1,037.09 | 156.44 |
| **33 42 31 00-0351** | | **42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0221)* | | |
| **33 42 31 00-0352** | | **42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0351)* | | |
| 33 42 31 00-0353 | EA | 36" Height, 42" x 102" ID, Precast Concrete Inlet Box | 3,098.62 | 389.38 |
| 33 42 31 00-0354 | EA | 42" Height, 42" x 102" ID, Precast Concrete Inlet Box | 3,459.31 | 453.85 |
| 33 42 31 00-0355 | EA | 48" Height, 42" x 102" ID, Precast Concrete Inlet Box | 3,820.00 | 517.45 |
| 33 42 31 00-0356 | EA | 54" Height, 42" x 102" ID, Precast Concrete Inlet Box | 4,179.85 | 581.92 |
| 33 42 31 00-0357 | EA | 60" Height, 42" x 102" ID, Precast Concrete Inlet Box | 4,540.54 | 645.52 |
| 33 42 31 00-0358 | EA | 66" Height, 42" x 102" ID, Precast Concrete Inlet Box | 4,900.37 | 709.13 |
| 33 42 31 00-0359 | EA | 72" Height, 42" x 102" ID, Precast Concrete Inlet Box | 5,261.92 | 773.60 |
| **33 42 31 00-0360** | | **42" x 102" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0351)* | | |
| 33 42 31 00-0361 | EA | 6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 510.25 | |
| 33 42 31 00-0362 | EA | 12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 781.56 | |
| 33 42 31 00-0363 | EA | 18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 1,136.24 | |
| 33 42 31 00-0364 | EA | 24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 1,490.91 | |
| 33 42 31 00-0365 | EA | 30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 1,820.66 | |
| 33 42 31 00-0366 | EA | 36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 2,175.34 | |
| 33 42 31 00-0367 | EA | 42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 2,536.04 | |
| 33 42 31 00-0368 | EA | 48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 2,896.73 | |
| 33 42 31 00-0369 | EA | 54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 3,256.57 | |
| 33 42 31 00-0370 | EA | 60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 3,617.26 | |
| 33 42 31 00-0371 | EA | 66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 3,977.09 | |
| 33 42 31 00-0372 | EA | 72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser | 4,337.79 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 31 00-0373 | | 42" x 102" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0351)* | | |
| 33 42 31 00-0374 | EA | 42" x 102" ID, Precast Concrete Inlet Box Top Slab | 1,414.09 | 171.91 |
| 33 42 31 00-0375 | | Frames And Grates For Inlets *(33 42 31 00-0220)* | | |
| 33 42 31 00-0376 | | Inlet Frames And Grates *(33 42 31 00-0375)* | | |
| 33 42 31 00-0377 | EA | 24" x 24", Heavy Duty Inlet Grate<br>Note: For type A, B, D, or E inlets. | 349.44 | 39.30 |
| 33 42 31 00-0378 | EA | 47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT)<br>Note: For type A, B, D, or E inlets. | 457.60 | 39.30 |
| 33 42 31 00-0379 | EA | 47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT)<br>Note: Includes legend: Dump No Waste "Drains To Waterways". | 457.60 | 39.30 |
| 33 42 31 00-0380 | EA | Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT<br>Note: Legend: Dump No Waste "Drains to Waterways" | 457.60 | 39.30 |
| 33 42 31 00-0381 | EA | Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362) | 502.73 | 39.30 |
| 33 42 31 00-0382 | EA | Type B Inlet Dirt Plate (US Foundry 5217 BK) | 355.71 | 78.58 |
| 33 42 31 00-0383 | EA | Back Plate For Type B Inlets (Campbell Foundry 2548-1942) | 418.88 | 78.58 |
| 33 42 31 00-0384 | EA | Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4)<br>Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways". | 521.35 | 98.23 |
| 33 42 31 00-0385 | EA | 1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT) | 440.13 | 98.23 |
| 33 42 31 00-0386 | EA | 2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT) | 449.15 | 98.23 |
| 33 42 31 00-0387 | EA | 2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT) | 467.20 | 98.23 |
| 33 42 31 00-0388 | EA | 3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT) | 485.25 | 98.23 |
| 33 42 31 00-0389 | EA | 2" Extension Frame For Type A Inlet (General Foundries 6352 EXT) | 467.20 | 98.23 |
| 33 42 31 00-0390 | EA | 2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT) | 485.25 | 98.23 |
| 33 42 31 00-0391 | EA | 3" Extension Frame For Type A Inlet (General Foundries 6352 EXT) | 503.30 | 98.23 |
| 33 42 31 00-0392 | EA | 2" Extension Frame For Type E Inlet (General Foundries 6352 EXT) | 737.93 | 98.23 |
| 33 42 31 00-0393 | EA | 2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT) | 774.03 | 98.23 |
| 33 42 31 00-0394 | EA | 3" Extension Frame For Type E Inlet (General Foundries 6352 EXT) | 810.13 | 98.23 |
| 33 42 31 00-0395 | EA | 2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701) | 539.40 | 98.23 |
| 33 42 31 00-0396 | EA | 6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6) | 485.25 | 98.23 |
| 33 42 31 00-0397 | EA | 8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8) | 485.25 | 98.23 |
| 33 42 31 00-0398 | EA | 6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6) | 1,026.60 | 98.23 |
| 33 42 31 00-0399 | EA | 8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8) | 1,026.60 | 98.23 |
| 33 42 31 00-0400 | EA | Safety Bars For Type B And D Inlets (General Foundries 5218 SB) | 396.60 | 108.06 |
| 33 42 31 00-0401 | EA | 6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648)<br>Note: Includes cam action clamping system and stainless steel badge labeled to center of plate. | 568.06 | 108.06 |
| 33 42 31 00-0402 | EA | 8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848)<br>Note: Includes cam action clamping system and stainless steel badge labeled to center of plate. | 568.06 | 108.06 |
| 33 42 31 00-0403 | EA | 10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048)<br>Note: Includes cam action clamping system and stainless steel badge labeled to center of plate. | 631.23 | 108.06 |
| 33 42 31 00-0404 | EA | Type B Inlet Frame (US Foundry 5216 FRM) | 730.50 | 108.06 |
| 33 42 31 00-0405 | EA | Type D Inlet Frame (US Foundry 2999 FRM) | 622.21 | 108.06 |
| 33 42 31 00-0406 | EA | Type B Inlet Frame (Campbell Foundry 2618-0202) | 901.96 | 108.06 |
| 33 42 31 00-0407 | EA | Type D Inlet Frame (Campbell Foundry 2617-0002) | 793.67 | 108.06 |
| 33 42 31 00-0408 | EA | Type A Inlet, Single Frame And Grate (US Foundry 52340) | 1,018.24 | 157.17 |
| 33 42 31 00-0409 | EA | Type E Inlet, Single Frame And Grate (US Foundry 52342) | 1,668.00 | 157.17 |
| 33 42 31 00-0410 | EA | Type A Inlet, Single Frame And Grate (General Foundries 52340) | 991.17 | 157.17 |
| 33 42 31 00-0411 | EA | Type E Inlet, Double Frame And Grate (General Foundries 52342) | 1,583.17 | 157.17 |
| 33 42 31 00-0412 | EA | Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340) | 1,671.77 | 235.75 |
| 33 42 31 00-0413 | EA | Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084) | 1,690.48 | 314.34 |
| 33 42 31 00-0414 | EA | 6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186) | 1,865.03 | 314.34 |
| 33 42 31 00-0415 | EA | 8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198) | 1,865.03 | 314.34 |
| 33 42 31 00-0416 | EA | 6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266) | 1,639.42 | 314.34 |
| 33 42 31 00-0417 | EA | 8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268) | 1,639.42 | 314.34 |
| 33 42 31 00-0418 | EA | Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198) | 1,937.23 | 314.34 |
| 33 42 31 00-0419 | | Catch Basin Frames And Covers *(33 42 31 00-0001)* | | |
| 33 42 31 00-0420 | | Cast Iron Frames And Covers *(33 42 31 00-0419)* | | |
| 33 42 31 00-0421 | EA | 18" Diameter Cast Iron Catch Basin Frame And Cover | 432.02 | 86.73 |
| 33 42 31 00-0422 | EA | 22" Diameter Cast Iron Catch Basin Frame And Cover | 536.93 | 98.01 |
| 33 42 31 00-0423 | EA | 24" Diameter Cast Iron Catch Basin Frame And Cover | 599.68 | 101.47 |
| 33 42 31 00-0424 | EA | 26" Diameter Cast Iron Catch Basin Frame And Cover | 672.58 | 117.96 |
| 33 42 31 00-0425 | EA | 28" Diameter Cast Iron Catch Basin Frame And Cover | 777.92 | 134.43 |
| 33 42 31 00-0426 | EA | 32" Diameter Cast Iron Catch Basin Frame And Cover | 1,201.93 | 140.50 |
| 33 42 31 00-0427 | EA | 16" x 16" Cast Iron Catch Basin Frame And Cover | 666.23 | 106.68 |
| 33 42 31 00-0428 | EA | 18" x 24" Cast Iron Catch Basin Frame And Cover | 856.51 | 123.15 |
| 33 42 31 00-0429 | EA | 20" x 27" Cast Iron Catch Basin Frame And Cover | 960.62 | 128.36 |
| 33 42 31 00-0430 | EA | 23" x 23" Cast Iron Catch Basin Frame And Cover | 912.88 | 128.36 |
| 33 42 31 00-0431 | EA | 24" x 24" Cast Iron Catch Basin Frame And Cover | 944.28 | 133.56 |
| 33 42 31 00-0432 | EA | 26" x 26" Cast Iron Catch Basin Frame And Cover | 1,010.69 | 138.77 |
| 33 42 31 00-0433 | EA | 24" x 36" Cast Iron Catch Basin Frame And Cover | 1,202.18 | 149.18 |
| 33 42 31 00-0434 | | Area Yard Drain *(33 42 31 00-0001)* | | |
| 33 42 31 00-0435 | | Ductile Iron Grates *(33 42 31 00-0434)*<br>Note: Not for traffic loading. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 31 00-0436 | EA | 8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe | 160.66 | 32.41 |
| 33 42 31 00-0437 | EA | 10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe | 200.26 | 34.58 |
| 33 42 31 00-0438 | EA | 12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe | 489.75 | 43.22 |
| 33 42 31 00-0439 | EA | 15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe | 585.05 | 51.86 |

## 33 42 33 Stormwater Curbside Drains and Inlets *(33 42)*

33 42 33 00-0001 Curb Inlet Frames And Covers *(33 42 33)*

33 42 33 00-0002 Cast Iron Curb Inlet Frames And Covers *(33 42 33 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 42 33 00-0003 | EA | 20" x 22" Cast Iron Curb Inlet Frame And Cover | 818.68 | 101.47 |
| 33 42 33 00-0004 | EA | 22" x 24" Cast Iron Curb Inlet Frame And Cover | 877.22 | 117.96 |
| 33 42 33 00-0005 | EA | 24" x 24" Cast Iron Curb Inlet Frame And Cover | 908.50 | 117.96 |
| 33 42 33 00-0006 | EA | 27" x 27" Cast Iron Curb Inlet Frame And Cover | 995.33 | 138.77 |
| 33 42 33 00-0007 | EA | 36" x 24" Cast Iron Curb Inlet Frame And Cover | 989.68 | 148.31 |

## 33 42 36 Stormwater Trench Drains *(33 42)*

33 42 36 00-0001 Modular Trench Drains *(33 42 36)*
See CSI section 03 31 13 00-0011 for concrete.

33 42 36 00-0002 Modular Trench Drains *(33 42 36 00-0001)*
Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.

33 42 36 00-0003 4" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0004 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0003)*

33 42 36 00-0005 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0004)*

| | | | | |
|---|---|---|---|---|
| 33 42 36 00-0006 | LF | 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain (Zurn Z844-C) | 56.68 | 13.87 |
| | | *For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add* | *94.22* | |
| | | *For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add* | *188.44* | |
| | | *For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add* | *301.50* | |
| | | *For Type 304 Stainless Steel Top Veneer Frame, Add* | *75.38* | |
| | | *For Aluminum Veneer Bronze Anodized Frame, Add* | *37.69* | |

33 42 36 00-0007 Outlet Adapters For 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0004)*

| | | | | |
|---|---|---|---|---|
| 33 42 36 00-0008 | EA | Closed End Cap For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain | 43.60 | |
| 33 42 36 00-0009 | EA | No-Hub End Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain | 52.27 | |
| 33 42 36 00-0010 | EA | No-Hub Bottom Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain | 52.27 | |

33 42 36 00-0011 6" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0012 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0013 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*

| | | | | |
|---|---|---|---|---|
| 33 42 36 00-0014 | LF | 6" Wide, High Density Polyethylene, Modular Trench Drain | 188.79 | 13.87 |
| | | *For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add* | *94.22* | |
| | | *For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add* | *188.44* | |
| | | *For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add* | *301.50* | |
| | | *For Type 304 Stainless Steel Top Veneer Frame, Add* | *75.38* | |
| | | *For Aluminum Veneer Bronze Anodized Frame, Add* | *37.69* | |

33 42 36 00-0015 Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*

| | | | | |
|---|---|---|---|---|
| 33 42 36 00-0016 | EA | Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains | 85.19 | |
| 33 42 36 00-0017 | EA | No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains | 93.86 | |
| 33 42 36 00-0018 | EA | No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains | 93.86 | |

33 42 36 00-0019 Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*

| | | | | |
|---|---|---|---|---|
| 33 42 36 00-0020 | EA | Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains | 167.53 | |
| 33 42 36 00-0021 | EA | Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains | 167.53 | |
| 33 42 36 00-0022 | EA | 90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains | 797.12 | |
| 33 42 36 00-0023 | EA | Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains | 1,550.88 | |
| 33 42 36 00-0024 | EA | Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains | 188.44 | |

33 42 36 00-0025 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0026 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*

| | | | | |
|---|---|---|---|---|
| 33 42 36 00-0027 | LF | 6" Wide, Fiber Reinforced Polyester, Modular Trench Drain | 277.36 | 13.87 |
| | | *For Black Acid Resistant Coated Frame, Add* | *71.61* | |
| | | *For Galvanized Top Frame Assembly, Add* | *71.61* | |
| | | *For Type 304 Stainless Steel Top Frame Assembly, Add* | *263.82* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 36 00-0028 | | Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)* | | |
| 33 42 36 00-0029 | EA | Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 92.73 | |
| 33 42 36 00-0030 | EA | No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 101.40 | |
| 33 42 36 00-0031 | EA | No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 101.40 | |
| 33 42 36 00-0032 | | Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)* | | |
| 33 42 36 00-0033 | EA | Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 167.53 | |
| 33 42 36 00-0034 | EA | Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 167.53 | |
| 33 42 36 00-0035 | EA | 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 797.12 | |
| 33 42 36 00-0036 | EA | Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 1,550.88 | |
| 33 42 36 00-0037 | EA | Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 188.44 | |
| 33 42 36 00-0038 | | 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0011)* | | |
| 33 42 36 00-0039 | | 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)* | | |
| 33 42 36 00-0040 | LF | 6" Wide, Vinylester Fiberglass, Modular Trench Drain | 360.27 | 13.87 |
| | | *For Black Acid Resistant Coated Frame, Add* | *71.61* | |
| | | *For Galvanized Top Frame Assembly, Add* | *71.61* | |
| | | *For Type 304 Stainless Steel Top Frame Assembly, Add* | *263.82* | |
| 33 42 36 00-0041 | | Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)* | | |
| 33 42 36 00-0042 | EA | Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains | 153.03 | |
| 33 42 36 00-0043 | EA | No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains | 161.70 | |
| 33 42 36 00-0044 | EA | No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains | 161.70 | |
| 33 42 36 00-0045 | | Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)* | | |
| 33 42 36 00-0046 | EA | Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains | 167.53 | |
| 33 42 36 00-0047 | EA | Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains | 167.53 | |
| 33 42 36 00-0048 | EA | 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains | 797.12 | |
| 33 42 36 00-0049 | EA | Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains | 1,550.88 | |
| 33 42 36 00-0050 | EA | Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains | 188.44 | |
| 33 42 36 00-0051 | | 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0011)* | | |
| 33 42 36 00-0052 | | 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)* | | |
| 33 42 36 00-0053 | LF | 6" Wide, Polymer Concrete, Modular Trench Drain | 414.14 | |
| 33 42 36 00-0054 | | Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)* | | |
| 33 42 36 00-0055 | EA | Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain | 163.43 | |
| 33 42 36 00-0056 | EA | No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain | 198.46 | |
| 33 42 36 00-0057 | EA | No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain | 60.51 | |
| 33 42 36 00-0058 | | 12" Wide, Modular Trench Drains *(33 42 36 00-0002)* | | |
| 33 42 36 00-0059 | | 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0058)* | | |
| 33 42 36 00-0060 | | 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)* | | |
| 33 42 36 00-0061 | LF | 12" Wide, High Density Polyethylene, Modular Trench Drain | 358.51 | 19.08 |
| | | *For Acid Resistant Coated Top Frame, Add* | *97.99* | |
| | | *For Galvanized Welded Frame Assembly, Add* | *102.70* | |
| | | *For Type 304 Stainless Steel Top Frame, Add* | *587.93* | |
| 33 42 36 00-0062 | | Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)* | | |
| 33 42 36 00-0063 | EA | End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains | 177.65 | |
| 33 42 36 00-0064 | EA | No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains | 189.21 | |
| 33 42 36 00-0065 | EA | No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains | 189.21 | |
| 33 42 36 00-0066 | | Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)* | | |
| 33 42 36 00-0067 | EA | Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains | 300.45 | |
| 33 42 36 00-0068 | EA | Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains | 394.67 | |
| 33 42 36 00-0069 | EA | 90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains | 1,574.24 | |
| 33 42 36 00-0070 | EA | Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains | 3,081.76 | |
| 33 42 36 00-0071 | EA | Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains | 376.88 | |
| 33 42 36 00-0072 | | 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0058)* | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 42 36 00-0073** | | **12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0072)* | | |
| 33 42 36 00-0074 | LF | 12" Wide, Fiber Reinforced Polyester, Modular Trench Drain | 452.73 | 19.08 |
| | | *For Acid Resistant Coated Top Frame, Add* | *97.99* | |
| | | *For Galvanized Welded Frame Assembly, Add* | *102.70* | |
| | | *For Type 304 Stainless Steel Top Frame, Add* | *587.93* | |
| **33 42 36 00-0075** | | **Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0072)* | | |
| 33 42 36 00-0076 | EA | End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 185.19 | |
| 33 42 36 00-0077 | EA | No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 196.75 | |
| 33 42 36 00-0078 | EA | No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 196.75 | |
| **33 42 36 00-0079** | | **Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0072)* | | |
| 33 42 36 00-0080 | EA | Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 300.45 | |
| 33 42 36 00-0081 | EA | Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 394.67 | |
| 33 42 36 00-0082 | EA | 90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 1,574.24 | |
| 33 42 36 00-0083 | EA | Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 3,081.76 | |
| 33 42 36 00-0084 | EA | Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains | 376.88 | |
| **33 42 36 00-0085** | | **12" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0058)* | | |
| **33 42 36 00-0086** | | **12" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0085)* | | |
| 33 42 36 00-0087 | LF | 12" Wide, Vinylester Fiberglass, Modular Trench Drain | 641.17 | 19.08 |
| | | *For Acid Resistant Coated Top Frame, Add* | *97.99* | |
| | | *For Galvanized Welded Frame Assembly, Add* | *102.70* | |
| | | *For Type 304 Stainless Steel Top Frame, Add* | *587.93* | |
| **33 42 36 00-0088** | | **Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0085)* | | |
| 33 42 36 00-0089 | EA | End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains | 467.85 | |
| 33 42 36 00-0090 | EA | No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains | 479.41 | |
| 33 42 36 00-0091 | EA | No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains | 479.41 | |
| **33 42 36 00-0092** | | **Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0085)* | | |
| 33 42 36 00-0093 | EA | Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains | 300.45 | |
| 33 42 36 00-0094 | EA | Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains | 394.67 | |
| 33 42 36 00-0095 | EA | 90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains | 1,574.24 | |
| 33 42 36 00-0096 | EA | Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains | 3,081.76 | |
| 33 42 36 00-0097 | EA | Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains | 376.88 | |
| **33 42 36 00-0098** | | **12" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0058)* | | |
| **33 42 36 00-0099** | | **12" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0098)* | | |
| 33 42 36 00-0100 | LF | 12" Wide, Polymer Concrete, Modular Trench Drain | 555.49 | |
| **33 42 36 00-0101** | | **Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0098)* | | |
| 33 42 36 00-0102 | EA | Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain | 278.82 | |
| 33 42 36 00-0103 | EA | No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain | 481.06 | |
| 33 42 36 00-0104 | EA | No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain | 107.64 | |
| **33 42 36 00-0105** | | **23" Wide, Modular Trench Drains** *(33 42 36 00-0002)* | | |
| **33 42 36 00-0106** | | **23" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0105)* | | |
| **33 42 36 00-0107** | | **23" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0106)* | | |
| 33 42 36 00-0108 | LF | 23" Wide, High Density Polyethylene, Modular Trench Drain | 503.14 | 26.02 |
| | | *For Acid Resistant Coated Frame, Add* | *146.98* | |
| | | *For Galvanized Frame Assembly, Add* | *146.98* | |
| | | *For Type 304 Stainless Steel Top Frame, Add* | *904.51* | |
| **33 42 36 00-0109** | | **Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0106)* | | |
| 33 42 36 00-0110 | EA | End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains | 573.55 | |
| 33 42 36 00-0111 | EA | No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains | 830.85 | |
| 33 42 36 00-0112 | EA | No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains | 830.85 | |
| **33 42 36 00-0113** | | **Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0106)* | | |
| 33 42 36 00-0114 | EA | Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains | 685.56 | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 42 36 00-0115 | EA | 90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains | 3,123.44 | |
| 33 42 36 00-0116 | EA | Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains | 6,138.48 | |
| 33 42 36 00-0117 | EA | Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains | 753.76 | |
| 33 42 36 00-0118 | | Modular Trench Drain Grates *(33 42 36 00-0001)* | | |
| 33 42 36 00-0119 | | 4" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)* | | |
| 33 42 36 00-0120 | LF | 4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP) | 37.80 | 2.60 |
| 33 42 36 00-0121 | LF | 4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG) | 39.77 | 2.60 |
| 33 42 36 00-0122 | LF | 4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG) | 31.90 | 2.60 |
| 33 42 36 00-0123 | LF | 4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS) | 86.04 | 2.60 |
| 33 42 36 00-0124 | LF | 4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG) | 31.90 | 2.60 |
| 33 42 36 00-0125 | LF | 4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS) | 86.04 | 2.60 |
| 33 42 36 00-0126 | | 6" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)* | | |
| 33 42 36 00-0127 | LF | 6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate | 185.23 | 2.60 |
| 33 42 36 00-0128 | LF | 6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate | 156.78 | 2.60 |
| 33 42 36 00-0129 | LF | 6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate | 164.69 | 2.60 |
| 33 42 36 00-0130 | LF | 6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate | 143.78 | 2.60 |
| 33 42 36 00-0131 | LF | 6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate | 155.08 | 2.60 |
| 33 42 36 00-0132 | LF | 6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate | 156.97 | 2.60 |
| 33 42 36 00-0133 | LF | 6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate | 156.97 | 2.60 |
| 33 42 36 00-0134 | LF | 6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate | 155.08 | 2.60 |
| 33 42 36 00-0135 | LF | 6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate | 136.24 | 2.60 |
| 33 42 36 00-0136 | LF | 6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate | 136.24 | 2.60 |
| 33 42 36 00-0137 | LF | 6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate | 144.91 | 2.60 |
| 33 42 36 00-0138 | LF | 6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate | 144.91 | 2.60 |
| 33 42 36 00-0139 | LF | 6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate | 189.00 | 2.60 |
| 33 42 36 00-0140 | LF | 6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate | 189.00 | 2.60 |
| 33 42 36 00-0141 | LF | 6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate | 347.29 | 2.60 |
| 33 42 36 00-0142 | LF | 6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate | 347.29 | 2.60 |
| 33 42 36 00-0143 | LF | 6" Wide, Stainless Steel Bar, Modular Trench Drain Grate | 969.14 | 2.60 |
| 33 42 36 00-0144 | LF | 6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate | 128.70 | 2.60 |
| 33 42 36 00-0145 | LF | 6" Wide, Fiberglass, Modular Trench Drain Grate | 279.45 | 2.60 |
| 33 42 36 00-0146 | | 12" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)* | | |
| 33 42 36 00-0147 | LF | 12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate | 513.56 | 2.82 |
| 33 42 36 00-0148 | LF | 12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate | 490.95 | 2.82 |
| 33 42 36 00-0149 | LF | 12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate | 426.88 | 2.82 |
| 33 42 36 00-0150 | LF | 12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate | 448.55 | 2.82 |
| 33 42 36 00-0151 | LF | 12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate | 387.30 | 2.82 |
| 33 42 36 00-0152 | LF | 12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate | 759.47 | 2.82 |
| 33 42 36 00-0153 | LF | 12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate | 759.47 | 2.82 |
| 33 42 36 00-0154 | LF | 12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate | 969.58 | 2.82 |
| 33 42 36 00-0155 | LF | 12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate | 969.58 | 2.82 |
| 33 42 36 00-0156 | LF | 12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate | 1,238.11 | 2.82 |
| 33 42 36 00-0157 | LF | 12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate | 1,238.11 | 2.82 |
| 33 42 36 00-0158 | LF | 12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate | 1,174.98 | 2.82 |
| 33 42 36 00-0159 | LF | 12" Wide, Fiberglass, Modular Trench Drain Grate | 554.07 | 2.82 |
| 33 42 36 00-0160 | | 23" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)* | | |
| 33 42 36 00-0161 | LF | 23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate | 811.73 | 3.04 |
| 33 42 36 00-0162 | LF | 23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate | 683.59 | 3.04 |
| 33 42 36 00-0163 | LF | 23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate | 1,060.47 | 3.04 |
| 33 42 36 00-0164 | LF | 23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate | 785.35 | 3.04 |

## 33 44 Storm Utility Water Drains *(33 40)*

### 33 44 36 Oil and Stormwater Separators *(33 44)*

33 44 36 00-0001 Oil/Water Separator *(33 44 36)*
Note: Complete with internal sensors and detectors.

33 44 36 00-0002 Coalescing Oil Water Separator *(33 44 36 00-0001)*
Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.

33 44 36 00-0003 Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

| | | | |
|---|---|---|---|
| 33 44 36 00-0004 | EA | 550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways<br>Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank. | 16,472.95 |
| | | *For Interior Polyurethane Coating, Add* | *711.00* |
| 33 44 36 00-0005 | EA | 1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways<br>Note: HTC-G 1000. 4' diameter x 14' long tank. | 20,166.15 |
| | | *For Interior Polyurethane Coating, Add* | *893.70* |
| 33 44 36 00-0006 | EA | 2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways<br>Note: HTC-G 2000. 5'-4" diameter x 15' long tank. | 24,157.60 |
| | | *For Interior Polyurethane Coating, Add* | *1,340.10* |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 44 36 00-0007** | | **Double Wall Steel Coalescing Oil Water Separator** *(33 44 36 00-0002)* | | |
| 33 44 36 00-0008 | EA | 550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways<br>Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank. | 25,614.02 | |
| | | *For Interior Polyurethane Coating, Add* | *711.00* | |
| 33 44 36 00-0009 | EA | 1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways<br>Note: HTC-G 1000. 4' diameter x 14' long tank. | 29,467.41 | |
| | | *For Interior Polyurethane Coating, Add* | *893.70* | |
| 33 44 36 00-0010 | EA | 2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways<br>Note: HTC-G 2000. 5'-4" diameter x 15' long tank. | 35,998.18 | |
| | | *For Interior Polyurethane Coating, Add* | *1,340.10* | |
| 33 44 36 00-0011 | EA | 3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways<br>Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank. | 41,908.58 | |
| | | *For Interior Polyurethane Coating, Add* | *1,550.70* | |
| 33 44 36 00-0012 | EA | 5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways<br>Note: HTC-G 5000. 6' diameter x 28'-8" long tank. | 55,631.52 | |
| | | *For Interior Polyurethane Coating, Add* | *2,057.80* | |
| **33 44 36 00-0013** | | **Accessories For Coalescing Oil Water Separators** *(33 44 36 00-0002)* | | |
| 33 44 36 00-0014 | EA | Single Channel Alarm Panel For Coalescing Oil Water Separator<br>Note: HTAP1. | 1,035.13 | |
| 33 44 36 00-0015 | EA | Two Channel Alarm Panel For Coalescing Oil Water Separator<br>Note: HTAP2. | 1,407.12 | |
| 33 44 36 00-0016 | EA | Float Interface Sensor For Coalescing Oil Water Separator<br>Note: Required for UL 2215 label. | 834.56 | |
| 33 44 36 00-0017 | EA | 1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator<br>Note: Required for UL 2215 label. | 617.19 | |
| 33 44 36 00-0018 | EA | Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator<br>Note: Required for UL 2215 label. | 209.62 | |
| 33 44 36 00-0019 | EA | 550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator | 3,473.51 | |
| 33 44 36 00-0020 | EA | 3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator | 6,947.04 | |
| 33 44 36 00-0021 | EA | 5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator | 10,420.62 | |
| 33 44 36 00-0022 | EA | 550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator | 618.13 | |
| 33 44 36 00-0023 | EA | 2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator | 734.06 | |
| 33 44 36 00-0024 | EA | 3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator | 1,468.12 | |
| 33 44 36 00-0025 | EA | 5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator | 3,289.05 | |
| 33 44 36 00-0026 | EA | 30" Diameter Grade Level Manway For Coalescing Oil Water Separator<br>Note: Required when installed in paved areas. | 889.84 | |
| 33 44 36 00-0027 | EA | 36" Diameter Grade Level Manway For Coalescing Oil Water Separator<br>Note: Required when installed in paved areas. | 1,163.65 | |
| 33 44 36 00-0028 | EA | 48" Diameter Grade Level Manway For Coalescing Oil Water Separator<br>Note: Required when installed in paved areas. | 1,618.60 | |
| 33 44 36 00-0029 | EA | 54" x 54" Grade Level Manway For Coalescing Oil Water Separator<br>Note: Required when installed in paved areas. | 2,973.55 | |
| 33 44 36 00-0030 | EA | 66" x 54" Grade Level Manway For Coalescing Oil Water Separator<br>Note: Required when installed in paved areas. | 3,832.17 | |
| 33 44 36 00-0031 | EA | 66" x 66" Grade Level Manway For Coalescing Oil Water Separator<br>Note: Required when installed in paved areas. | 4,817.58 | |
| 33 44 36 00-0032 | EA | 78" x 66" Grade Level Manway For Coalescing Oil Water Separator<br>Note: Required when installed in paved areas. | 6,081.96 | |
| 33 44 36 00-0033 | EA | 550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator | 1,208.22 | |
| 33 44 36 00-0034 | EA | 1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator | 1,472.69 | |
| 33 44 36 00-0035 | EA | 2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator | 2,313.20 | |
| 33 44 36 00-0036 | EA | 550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator | 1,152.07 | |
| 33 44 36 00-0037 | EA | 1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator | 1,398.42 | |
| 33 44 36 00-0038 | EA | 2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator | 1,659.27 | |
| 33 44 36 00-0039 | EA | 18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator | 97.82 | |
| 33 44 36 00-0040 | EA | 24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator | 110.50 | |
| **33 44 36 00-0041** | | **Oil Skimmers** *(33 44 36)* | | |
| **33 44 36 00-0042** | | **Oil Skimmers, 12" And 24" Models** *(33 44 36 00-0041)* | | |
| 33 44 36 00-0043 | EA | Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase | 5,132.43 | 641.66 |
| 33 44 36 00-0044 | EA | Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase | 5,368.23 | 641.66 |
| 33 44 36 00-0045 | EA | Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase | 5,154.27 | 641.66 |
| 33 44 36 00-0046 | EA | Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase | 5,456.65 | 641.66 |
| 33 44 36 00-0047 | EA | Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase | 5,402.07 | 641.66 |
| 33 44 36 00-0048 | EA | Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase | 5,601.84 | 641.66 |
| 33 44 36 00-0049 | EA | Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase | 5,453.37 | 641.66 |
| 33 44 36 00-0050 | EA | Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase | 5,754.67 | 641.66 |
| 33 44 36 00-0051 | EA | Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase | 5,813.73 | 855.73 |
| 33 44 36 00-0052 | EA | Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase | 6,065.90 | 855.73 |
| 33 44 36 00-0053 | EA | Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase | 5,880.32 | 855.73 |
| 33 44 36 00-0054 | EA | Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase | 6,242.75 | 855.73 |
| 33 44 36 00-0055 | EA | Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase | 6,451.25 | 855.73 |
| 33 44 36 00-0056 | EA | Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase | 6,703.42 | 855.73 |
| 33 44 36 00-0057 | EA | Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase | 6,504.74 | 855.73 |
| 33 44 36 00-0058 | EA | Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase | 6,868.26 | 855.73 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 44 36 00-0059 | | Oil Skimmers, Add-Ons *(33 44 36 00-0041)* | | |
| 33 44 36 00-0060 | LF | Add For Belt Projection, 12" Width | 16.37 | |
| 33 44 36 00-0061 | LF | Add For Belt Projection, 24" Width | 30.57 | |
| 33 44 36 00-0062 | LF | Add For Spacer Stands, 12" Models | 268.48 | |
| 33 44 36 00-0063 | LF | Add For Spacer Stands, 24" Models | 316.51 | |

## 33 46 Stormwater Management *(33 40)*

### 33 46 23 Modular Buried Stormwater Storage Units *(33 46)*

33 46 23 00-0001 Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™) *(33 46 23)*

Note: Includes chambers and end caps delivery to site. Excludes excavation and earthwork, foundation stone, embedment and perimeter stone, geotextile fabrics and cutting holes in chambers. See CSI section 31 05 16 00-0000 for aggregate (foundation, embedment and perimeter stone), 31 23 16 36-0000 for excavation and earth backfill, 31 32 19 16-0000 for woven and non-woven geotextile fabric.

33 46 23 00-0002 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) *(33 46 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 46 23 00-0003 | EA | Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) | 514.69 | |
| 33 46 23 00-0004 | EA | >10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) | 475.09 | |
| 33 46 23 00-0005 | EA | >20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) | 446.40 | |
| 33 46 23 00-0006 | EA | >30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) | 418.63 | |
| 33 46 23 00-0007 | EA | Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740) | 214.62 | |
| 33 46 23 00-0008 | EA | >10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740) | 190.02 | |
| 33 46 23 00-0009 | EA | >20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740) | 175.58 | |
| 33 46 23 00-0010 | EA | >30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740) | 161.36 | |

33 46 23 00-0011 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) *(33 46 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 46 23 00-0012 | EA | Up To 10, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) | 292.95 | |
| 33 46 23 00-0013 | EA | >10 To 20, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) | 268.44 | |
| 33 46 23 00-0014 | EA | >20 To 30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) | 251.30 | |
| 33 46 23 00-0015 | EA | >30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) | 235.62 | |
| 33 46 23 00-0016 | EA | Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310) | 167.72 | |
| 33 46 23 00-0017 | EA | >10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310) | 149.46 | |
| 33 46 23 00-0018 | EA | >20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310) | 138.25 | |
| 33 46 23 00-0019 | EA | >30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310) | 128.22 | |

33 46 23 00-0020 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) *(33 46 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 46 23 00-0021 | EA | Up To 10, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) | 875.97 | |
| 33 46 23 00-0022 | EA | >10 To 20, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) | 816.58 | |
| 33 46 23 00-0023 | EA | >20 To 30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) | 768.95 | |
| 33 46 23 00-0024 | EA | >30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) | 725.55 | |
| 33 46 23 00-0025 | EA | Up To 10, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500) | 737.92 | |
| 33 46 23 00-0026 | EA | >10 To 20, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500) | 685.42 | |
| 33 46 23 00-0027 | EA | >20 To 30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500) | 644.35 | |
| 33 46 23 00-0028 | EA | >30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500) | 607.19 | |

33 46 23 00-0029 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) *(33 46 23 00-0001)*

| | | | | |
|---|---|---|---|---|
| 33 46 23 00-0030 | EA | Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) | 534.48 | |
| 33 46 23 00-0031 | EA | >10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) | 493.91 | |
| 33 46 23 00-0032 | EA | >20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) | 464.26 | |
| 33 46 23 00-0033 | EA | >30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) | 435.60 | |
| 33 46 23 00-0034 | EA | Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780) | 214.62 | |
| 33 46 23 00-0035 | EA | >10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780) | 186.28 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 46 23 00-0036 | EA | >20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780) | 175.58 | |
| 33 46 23 00-0037 | EA | >30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780) | 161.36 | |
| 33 46 23 00-0038 | | 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) *(33 46 23 00-0001)* | | |
| 33 46 23 00-0039 | EA | Up To 10, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) | 910.58 | |
| 33 46 23 00-0040 | EA | >10 To 20, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) | 847.75 | |
| 33 46 23 00-0041 | EA | >20 To 30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) | 796.69 | |
| 33 46 23 00-0042 | EA | >30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) | 752.41 | |
| 33 46 23 00-0043 | EA | Up To 10, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500) | 1,134.08 | |
| 33 46 23 00-0044 | EA | >10 To 20, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500) | 1,060.07 | |
| 33 46 23 00-0045 | EA | >20 To 30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500) | 998.40 | |
| 33 46 23 00-0046 | EA | >30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500) | 944.03 | |
| 33 46 23 00-0047 | | Cut Opening In Polypropylene Corrugated Wall Stormwater Collection Chambers *(33 46 23 00-0001)* | | |
| 33 46 23 00-0048 | EA | Cut Up To 6" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap | 55.17 | |
| 33 46 23 00-0049 | EA | Cut >6" To 12" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap | 70.19 | |
| 33 46 23 00-0050 | EA | Cut >12" To 24" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap | 91.54 | |
| 33 46 23 00-0051 | EA | Cut >24" To 36" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap | 115.66 | |
| 33 46 23 00-0052 | EA | 12" x 6" Inspection Port Kit<br>Note: (2712AG6IPKIT) | 642.38 | |
| **33 46 53** | | **Stormwater Leaching Pits** *(33 46)* | | |
| 33 46 53 00-0001 | | Drainage Wells *(33 46 53)*<br>Note: Includes augering hole. | | |
| 33 46 53 00-0002 | LF | 12" Diameter Drainage Well With Corrugated Metal Liner | 25.24 | |
| 33 46 53 00-0003 | LF | 18" Diameter Drainage Well With Corrugated Metal Liner | 30.87 | |
| 33 46 53 00-0004 | LF | 24" Diameter Drainage Well With Corrugated Metal Liner | 41.39 | |
| 33 50 | | Hydrocarbon Utilities *(33)* | | |
| 33 52 | | Hydrocarbon Transmission and Distribution *(33 50)* | | |
| **33 52 16** | | **Gas Hydrocarbon Piping** *(33 52)* | | |
| **33 52 16 13** | | **Steel Natural Gas Piping** *(33 52 16)*<br>See CSI section 23 05 23 00-0000 for gas valves. | | |
| 33 52 16 13-0001 | | Gas Distribution Lines *(33 52 16 13)*<br>Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill. | | |
| 33 52 16 13-0002 | | Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped *(33 52 16 13-0001)* | | |
| 33 52 16 13-0003 | LF | 1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 17.07 | 2.77 |
| 33 52 16 13-0004 | LF | 3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 19.62 | 3.04 |
| 33 52 16 13-0005 | LF | 1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 22.34 | 3.13 |
| 33 52 16 13-0006 | LF | 1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 22.92 | 3.21 |
| 33 52 16 13-0007 | LF | 1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 23.75 | 3.25 |
| 33 52 16 13-0008 | LF | 2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 25.18 | 3.48 |
| 33 52 16 13-0009 | LF | 2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 34.00 | 3.86 |
| 33 52 16 13-0010 | LF | 3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 42.40 | 4.86 |
| 33 52 16 13-0011 | LF | 4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 57.03 | 5.87 |
| 33 52 16 13-0012 | LF | 5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 76.88 | 6.80 |
| 33 52 16 13-0013 | LF | 6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 96.63 | 8.31 |
| 33 52 16 13-0014 | LF | 8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel | 140.42 | 10.69 |
| 33 52 16 13-0015 | | Gas Line Taps *(33 52 16 13-0001)*<br>Note: Includes material to tap into main and gas valve. | | |
| 33 52 16 13-0016 | | Polyethylene, 60 PSI *(33 52 16 13-0015)* | | |
| 33 52 16 13-0017 | EA | 2" Polyethylene Hot Tap, With Valve | 2,082.00 | |
| 33 52 16 13-0018 | EA | 2-1/2" Polyethylene Hot Tap, With Valve | 1,727.85 | |
| 33 52 16 13-0019 | EA | 3" Polyethylene Hot Tap, With Valve | 1,826.46 | |
| 33 52 16 13-0020 | EA | 4" Polyethylene Hot Tap, With Valve | 3,652.16 | |
| 33 52 16 13-0021 | EA | 6" Polyethylene Hot Tap, With Valve | 5,652.03 | |
| 33 52 16 13-0022 | | Steel, Schedule 40 *(33 52 16 13-0015)*<br>Note: For punch steel service tee. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 52 16 13-0023 | EA | 1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee | 2,394.37 | |
| 33 52 16 13-0024 | EA | 3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee | 2,434.93 | |
| 33 52 16 13-0025 | EA | 3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee | 2,491.85 | |
| 33 52 16 13-0026 | EA | 3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee | 2,546.87 | |
| 33 52 16 13-0027 | EA | 1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee | 2,587.28 | |
| 33 52 16 13-0028 | EA | 1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee | 2,815.05 | |
| 33 52 16 13-0029 | EA | 1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee | 2,887.06 | |
| 33 52 16 13-0030 | | Protective Pipe And Fitting Wrap *(33 52 16 13-0001)* | | |
| | | Note: Includes cleaning and priming pipe. | | |
| 33 52 16 13-0031 | | Corrosion Protection Pipe Wrap For Pipe *(33 52 16 13-0030)* | | |
| | | Note: Field applied. | | |
| 33 52 16 13-0032 | LF | 1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 3.20 | |
| 33 52 16 13-0033 | LF | 3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 3.38 | |
| 33 52 16 13-0034 | LF | 1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 3.60 | |
| 33 52 16 13-0035 | LF | 1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 4.02 | |
| 33 52 16 13-0036 | LF | 1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 4.34 | |
| 33 52 16 13-0037 | LF | 2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 4.97 | |
| 33 52 16 13-0038 | LF | 2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 5.98 | |
| 33 52 16 13-0039 | LF | 3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 7.33 | |
| 33 52 16 13-0040 | LF | 4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 9.15 | |
| 33 52 16 13-0041 | LF | 6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe | 12.02 | |
| 33 52 16 13-0042 | | Corrosion Resistance Wrap And Coat - Fittings *(33 52 16 13-0030)* | | |
| | | Note: Field applied. | | |
| 33 52 16 13-0043 | EA | 1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 19.50 | |
| 33 52 16 13-0044 | EA | 3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 19.50 | |
| 33 52 16 13-0045 | EA | 1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 24.14 | |
| 33 52 16 13-0046 | EA | 1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 27.03 | |
| 33 52 16 13-0047 | EA | 1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 27.03 | |
| 33 52 16 13-0048 | EA | 2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 31.99 | |
| 33 52 16 13-0049 | EA | 2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 42.80 | |
| 33 52 16 13-0050 | EA | 3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 57.37 | |
| 33 52 16 13-0051 | EA | 4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 57.89 | |
| 33 52 16 13-0052 | EA | 6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings | 66.43 | |
| 33 52 16 13-0053 | | Service Fittings *(33 52 16 13-0001)* | | |
| 33 52 16 13-0054 | | Brass Fittings *(33 52 16 13-0053)* | | |
| 33 52 16 13-0055 | EA | 1/2" X 2" Long Nipples, Threaded Both Ends, Brass | 36.60 | |
| 33 52 16 13-0056 | EA | 3/4" X 2" Long Nipples, Threaded Both Ends, Brass | 42.67 | |
| 33 52 16 13-0057 | EA | 1" X 2" Long Nipples, Threaded Both Ends, Brass | 54.36 | |
| 33 52 16 13-0058 | EA | 1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass | 67.80 | |
| 33 52 16 13-0059 | EA | 1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass | 76.25 | |
| 33 52 16 13-0060 | EA | 2" X 2" Long Nipples, Threaded Both Ends, Brass | 99.94 | |
| 33 52 16 13-0061 | EA | 1/2" 90 Degree Elbow, Brass | 31.96 | |
| 33 52 16 13-0062 | EA | 3/4" 90 Degree Elbow, Brass | 36.97 | |
| 33 52 16 13-0063 | EA | 1" 90 Degree Elbow, Brass | 48.49 | |
| 33 52 16 13-0064 | EA | 1-1/4" 90 Degree Elbow, Brass | 63.52 | |
| 33 52 16 13-0065 | EA | 1-1/2" 90 Degree Elbow, Brass | 73.02 | |
| 33 52 16 13-0066 | EA | 2" 90 Degree Elbow, Brass | 99.03 | |
| 33 52 16 13-0067 | EA | 1/2" Diameter Chrome Plated Nipple | 27.51 | |
| 33 52 16 13-0068 | EA | 3/4" Diameter Chrome Plated Nipple | 35.58 | |
| 33 52 16 13-0069 | EA | 1" Diameter Chrome Plated Nipple | 46.36 | |
| 33 52 16 13-0070 | EA | 1-1/4" Diameter Chrome Plated Nipple | 66.30 | |
| 33 52 16 13-0071 | EA | 1-1/2" Diameter Chrome Plated Nipple | 80.76 | |
| 33 52 16 13-0072 | EA | 2" Diameter Chrome Plated Nipple | 109.80 | |
| 33 52 16 13-0073 | | Anodless Gas Riser *(33 52 16 13-0053)* | | |
| 33 52 16 13-0074 | EA | 3/4" Anodless Gas Riser | 91.00 | |
| 33 52 16 13-0075 | EA | 1" Anodless Gas Riser | 112.58 | |
| 33 52 16 13-0076 | EA | 1-1/4" Anodless Gas Riser | 132.08 | |
| 33 52 16 13-0077 | EA | 1-1/2" Anodless Gas Riser | 165.26 | |
| 33 52 16 13-0078 | EA | 2" Anodless Gas Riser | 189.81 | |
| 33 52 16 13-0079 | | Brass Service Adapter *(33 52 16 13-0053)* | | |
| 33 52 16 13-0080 | EA | 1/2" Brass Service Adapter | 70.80 | |
| 33 52 16 13-0081 | EA | 3/4" Brass Service Adapter | 77.91 | |
| 33 52 16 13-0082 | EA | 1" Brass Service Adapter | 93.57 | |
| 33 52 16 13-0083 | EA | 1-1/4" Brass Service Adapter | 114.32 | |
| 33 52 16 13-0084 | EA | 1-1/2" Brass Service Adapter | 138.07 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 52 16 13-0085 | EA | 2" Brass Service Adapter | 166.93 | |
| 33 52 16 13-0086 | EA | 2-1/2" Brass Service Adapter | 287.40 | |
| 33 52 16 13-0087 | EA | 3" Brass Service Adapter | 351.27 | |
| 33 52 16 13-0088 | EA | 4" Brass Service Adapter | 507.22 | |

## 33 52 16 23 Medium Density Polyethylene Piping for Natural Gas *(33 52 16)*

### 33 52 16 23-0001 Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 52 16 23)*

Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

| | | | | |
|---|---|---|---|---|
| 33 52 16 23-0002 | LF | 1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 3.87 | 1.73 |
| | | *For Colors, Add* | *0.05* | |
| 33 52 16 23-0003 | LF | 3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 4.30 | 1.85 |
| | | *For SDR 13.5, Deduct* | *-0.10* | |
| | | *For Colors, Add* | *0.06* | |
| 33 52 16 23-0004 | LF | 1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 4.75 | 1.98 |
| | | *For SDR 13.5, Deduct* | *-0.12* | |
| | | *For Colors, Add* | *0.08* | |
| 33 52 16 23-0005 | LF | 1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 5.18 | 2.09 |
| | | *For SDR 13.5, Deduct* | *-0.15* | |
| | | *For Colors, Add* | *0.10* | |
| 33 52 16 23-0006 | LF | 1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 5.94 | 2.52 |
| | | *For SDR 13.5, Deduct* | *-0.21* | |
| | | *For Colors, Add* | *0.14* | |
| 33 52 16 23-0007 | LF | 2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 6.71 | 2.75 |
| | | *For SDR 13.5, Deduct* | *-0.28* | |
| | | *For SDR 15.5, Deduct* | *-0.51* | |
| | | *For Colors, Add* | *0.18* | |
| 33 52 16 23-0008 | LF | 2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 8.44 | 3.21 |
| | | *For SDR 13.5, Deduct* | *-0.46* | |
| | | *For SDR 15.5, Deduct* | *-0.84* | |
| | | *For Colors, Add* | *0.30* | |
| 33 52 16 23-0009 | LF | 3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 10.29 | 3.82 |
| | | *For SDR 13.5, Deduct* | *-0.63* | |
| | | *For SDR 15.5, Deduct* | *-1.15* | |
| | | *For Colors, Add* | *0.40* | |
| 33 52 16 23-0010 | LF | 4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 15.90 | 3.98 |
| | | *For SDR 13.5, Deduct* | *-1.16* | |
| | | *For SDR 15.5, Deduct* | *-2.13* | |
| | | *For Colors, Add* | *0.75* | |
| 33 52 16 23-0011 | LF | 5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 20.16 | 3.98 |
| | | *For SDR 13.5, Deduct* | *-1.61* | |
| | | *For SDR 15.5, Deduct* | *-2.95* | |
| | | *For Colors, Add* | *1.04* | |
| 33 52 16 23-0012 | LF | 6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 24.53 | 3.98 |
| | | *For SDR 13.5, Deduct* | *-2.05* | |
| | | *For SDR 15.5, Deduct* | *-3.78* | |
| | | *For Colors, Add* | *1.33* | |
| 33 52 16 23-0013 | LF | 8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe | 36.53 | 4.97 |
| | | *For SDR 13.5, Deduct* | *-3.42* | |
| | | *For SDR 15.5, Deduct* | *-6.29* | |
| | | *For Colors, Add* | *2.21* | |

## 33 52 16 26 High Density Polyethylene Piping for Natural Gas *(33 52 16)*

### 33 52 16 26-0001 High Density Polyethylene (HDPE) Gas Distribution Piping *(33 52 16 26)*

Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.

| | | | | |
|---|---|---|---|---|
| 33 52 16 26-0002 | LF | 1/2" Diameter, SDR 9 High Density Polyethylene (HDPE) Gas Distribution Pipe | 3.93 | 1.73 |
| 33 52 16 26-0003 | LF | 3/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 4.39 | 1.85 |
| | | *For SDR 13.5, Deduct* | *-0.11* | |
| 33 52 16 26-0004 | LF | 1" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 4.84 | 1.98 |
| | | *For SDR 13.5, Deduct* | *-0.14* | |
| 33 52 16 26-0005 | LF | 1-1/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 5.30 | 2.09 |
| | | *For SDR 13.5, Deduct* | *-0.16* | |
| 33 52 16 26-0006 | LF | 1-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 6.11 | 2.52 |
| | | *For SDR 13.5, Deduct* | *-0.23* | |
| 33 52 16 26-0007 | LF | 2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 6.93 | 2.75 |
| | | *For SDR 13.5, Deduct* | *-0.30* | |
| | | *For SDR 15.5, Deduct* | *-0.56* | |
| | | *For SDR 17, Deduct* | *-0.81* | |
| 33 52 16 26-0008 | LF | 2-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 8.81 | 3.21 |
| | | *For SDR 13.5, Deduct* | *-0.50* | |
| | | *For SDR 15.5, Deduct* | *-0.93* | |
| | | *For SDR 17, Deduct* | *-1.35* | |
| 33 52 16 26-0009 | LF | 3" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 10.79 | 3.82 |
| | | *For SDR 13.5, Deduct* | *-0.69* | |
| | | *For SDR 15.5, Deduct* | *-1.27* | |
| | | *For SDR 17, Deduct* | *-1.84* | |
| | | *For SDR 21, Deduct* | *-2.51* | |
| 33 52 16 26-0010 | LF | 4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 16.83 | 3.98 |
| | | *For SDR 13.5, Deduct* | *-1.27* | |
| | | *For SDR 15.5, Deduct* | *-2.34* | |
| | | *For SDR 17, Deduct* | *-3.40* | |
| | | *For SDR 21, Deduct* | *-4.65* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 52 16 26-0011 | LF | 6" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 26.18 | 3.98 |
| | | *For SDR 13.5, Deduct* | *-2.26* | |
| | | *For SDR 15.5, Deduct* | *-4.15* | |
| | | *For SDR 17, Deduct* | *-6.03* | |
| | | *For SDR 21, Deduct* | *-8.25* | |
| 33 52 16 26-0012 | LF | 8" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe | 39.29 | 4.97 |
| | | *For SDR 13.5, Deduct* | *-3.76* | |
| | | *For SDR 15.5, Deduct* | *-6.92* | |
| | | *For SDR 17, Deduct* | *-10.04* | |
| | | *For SDR 21, Deduct* | *-13.74* | |

## 33 53 Hydrocarbon Utility Pressure Regulation *(33 50)*

### 33 53 16 Gas Hydrocarbon Pressure Regulation *(33 53)*

#### 33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends *(33 53 16)*

| | | | | |
|---|---|---|---|---|
| 33 53 16 00-0002 | EA | 3/4" Gas Pressure Regulator, Screwed End | 214.04 | 18.58 |
| 33 53 16 00-0003 | EA | 1" Gas Pressure Regulator, Screwed End | 218.25 | 18.58 |
| 33 53 16 00-0004 | EA | 1-1/4" Gas Pressure Regulator, Screwed End | 228.37 | 22.06 |
| 33 53 16 00-0005 | EA | 1-1/2" Gas Pressure Regulator, Screwed End | 748.88 | 25.54 |
| 33 53 16 00-0006 | EA | 2" Gas Pressure Regulator, Screwed End | 802.22 | 39.56 |
| 33 53 16 00-0007 | EA | 3" Gas Pressure Regulator, Screwed End | 2,244.64 | 88.75 |
| 33 53 16 00-0008 | EA | 4" Gas Pressure Regulator, Screwed End | 3,115.94 | 117.62 |

## 33 56 Hydrocarbon Storage *(33 50)*

### 33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

### 33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

## 33 59 Hydrocarbon Utility Metering *(33 50)*

### 33 59 11 Diaphragm/Bellows Hydrocarbons Meters *(33 59)*

#### 33 59 11 00-0001 Diaphragm Meters *(33 59 11)*

Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.

| | | | | |
|---|---|---|---|---|
| 33 59 11 00-0002 | EA | 250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded | 535.07 | 72.71 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0003 | EA | 425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded | 1,040.44 | 111.20 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0004 | EA | 425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded | 1,216.21 | 111.20 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0005 | EA | 800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded | 2,618.32 | 139.00 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0006 | EA | 1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded | 2,967.37 | 171.08 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0007 | EA | 800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded | 3,874.27 | 139.00 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0008 | EA | 1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded | 4,318.92 | 171.08 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0009 | EA | 1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded | 5,686.42 | 181.78 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0010 | EA | 2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded | 8,032.67 | 213.85 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |
| 33 59 11 00-0011 | EA | 5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded | 12,280.11 | 352.86 |
| | | *For Temperature And Pressure Compensation, Add* | *8.40* | |
| | | *For Pulsers, Add* | *26.50* | |

### 33 59 16 Hydrocarbons Turbine Meters *(33 59)*

#### 33 59 16 00-0001 Gas Turbine Meters With Direct-Digital Reading *(33 59 16)*

Note: Maximum working pressure 175 PSI, flanged end connections.

| | | | | |
|---|---|---|---|---|
| 33 59 16 00-0002 | EA | 4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged | 9,855.59 | 361.59 |
| 33 59 16 00-0003 | EA | 6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged | 10,476.92 | 419.92 |
| 33 59 16 00-0004 | EA | 8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged | 16,181.34 | 442.24 |
| 33 59 16 00-0005 | EA | 10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged | 31,438.94 | 538.38 |
| 33 59 16 00-0006 | EA | 12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged | 51,954.95 | 672.97 |

## 33 60 Hydronic and Steam Energy Utilities *(33)*


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|

## 33 61 Hydronic Energy Distribution *(33 60)*

### 33 61 13 Buried Hydronic Energy Distribution *(33 61)*

#### 33 61 13 00-0001 Prefabricated/Preinsulated Pipe *(33 61 13)*

Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 33-0001 for excavation, 31 23 16 36-0016 for backfill.

#### 33 61 13 00-0002 Preinsulated Schedule 40 Black Steel Pipe *(33 61 13 00-0001)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

#### 33 61 13 00-0003 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0004 | LF | 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 144.16 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.42* | |
| | | *For Schedule 80 Pipe, Add* | *24.18* | |
| 33 61 13 00-0005 | LF | 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 158.07 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.66* | |
| | | *For Schedule 80 Pipe, Add* | *26.59* | |
| 33 61 13 00-0006 | LF | 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 176.42 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.00* | |
| | | *For Schedule 80 Pipe, Add* | *29.95* | |
| 33 61 13 00-0007 | LF | 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 188.88 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.21* | |
| | | *For Schedule 80 Pipe, Add* | *32.15* | |
| 33 61 13 00-0008 | LF | 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 197.92 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.36* | |
| | | *For Schedule 80 Pipe, Add* | *33.61* | |
| 33 61 13 00-0009 | LF | 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 219.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.65* | |
| | | *For Schedule 80 Pipe, Add* | *36.53* | |
| 33 61 13 00-0010 | LF | 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 242.34 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.95* | |
| | | *For Schedule 80 Pipe, Add* | *39.45* | |
| 33 61 13 00-0011 | LF | 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 305.82 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.97* | |
| | | *For Schedule 80 Pipe, Add* | *49.68* | |
| 33 61 13 00-0012 | LF | 5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 388.12 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.36* | |
| | | *For Schedule 80 Pipe, Add* | *63.56* | |
| 33 61 13 00-0013 | LF | 6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 451.34 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.38* | |
| | | *For Schedule 80 Pipe, Add* | *73.79* | |
| 33 61 13 00-0014 | LF | 8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 636.52 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.74* | |
| | | *For Schedule 80 Pipe, Add* | *107.40* | |
| 33 61 13 00-0015 | LF | 10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 827.13 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *14.17* | |
| | | *For Schedule 80 Pipe, Add* | *141.73* | |
| 33 61 13 00-0016 | LF | 12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,029.80 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.68* | |
| | | *For Schedule 80 Pipe, Add* | *176.80* | |

#### 33 61 13 00-0017 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0018 | LF | 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 156.25 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.66* | |
| | | *For Schedule 80 Pipe, Add* | *26.60* | |
| 33 61 13 00-0019 | LF | 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 171.36 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.93* | |
| | | *For Schedule 80 Pipe, Add* | *29.25* | |
| 33 61 13 00-0020 | LF | 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 191.40 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.30* | |
| | | *For Schedule 80 Pipe, Add* | *32.95* | |
| 33 61 13 00-0021 | LF | 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 204.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.54* | |
| | | *For Schedule 80 Pipe, Add* | *35.36* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0022 | LF | 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 214.72 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.70* | |
| | | *For Schedule 80 Pipe, Add* | *36.97* | |
| 33 61 13 00-0023 | LF | 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 237.85 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.02* | |
| | | *For Schedule 80 Pipe, Add* | *40.18* | |
| 33 61 13 00-0024 | LF | 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 262.07 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.34* | |
| | | *For Schedule 80 Pipe, Add* | *43.40* | |
| 33 61 13 00-0025 | LF | 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 330.66 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.46* | |
| | | *For Schedule 80 Pipe, Add* | *54.65* | |
| 33 61 13 00-0026 | LF | 5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 419.90 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.99* | |
| | | *For Schedule 80 Pipe, Add* | *69.92* | |
| 33 61 13 00-0027 | LF | 6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 488.23 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.12* | |
| | | *For Schedule 80 Pipe, Add* | *81.17* | |
| 33 61 13 00-0028 | LF | 8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 690.22 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *11.81* | |
| | | *For Schedule 80 Pipe, Add* | *118.14* | |
| 33 61 13 00-0029 | LF | 10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 898.00 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *15.59* | |
| | | *For Schedule 80 Pipe, Add* | *155.91* | |
| 33 61 13 00-0030 | LF | 12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,118.20 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.45* | |
| | | *For Schedule 80 Pipe, Add* | *194.48* | |

### 33 61 13 00-0031 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0032 | LF | 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 162.30 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.78* | |
| | | *For Schedule 80 Pipe, Add* | *27.81* | |
| 33 61 13 00-0033 | LF | 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 178.01 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.06* | |
| | | *For Schedule 80 Pipe, Add* | *30.58* | |
| 33 61 13 00-0034 | LF | 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 198.89 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.44* | |
| | | *For Schedule 80 Pipe, Add* | *34.45* | |
| 33 61 13 00-0035 | LF | 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 212.99 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.70* | |
| | | *For Schedule 80 Pipe, Add* | *36.97* | |
| 33 61 13 00-0036 | LF | 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 223.12 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.86* | |
| | | *For Schedule 80 Pipe, Add* | *38.65* | |
| 33 61 13 00-0037 | LF | 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 246.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.20* | |
| | | *For Schedule 80 Pipe, Add* | *42.01* | |
| 33 61 13 00-0038 | LF | 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 271.93 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.54* | |
| | | *For Schedule 80 Pipe, Add* | *45.37* | |
| 33 61 13 00-0039 | LF | 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 343.08 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.71* | |
| | | *For Schedule 80 Pipe, Add* | *57.13* | |
| 33 61 13 00-0040 | LF | 5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 435.79 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.31* | |
| | | *For Schedule 80 Pipe, Add* | *73.10* | |
| 33 61 13 00-0041 | LF | 6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 506.68 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.49* | |
| | | *For Schedule 80 Pipe, Add* | *84.86* | |
| 33 61 13 00-0042 | LF | 8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 717.07 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *12.35* | |
| | | *For Schedule 80 Pipe, Add* | *123.51* | |
| 33 61 13 00-0043 | LF | 10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 933.43 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *16.30* | |
| | | *For Schedule 80 Pipe, Add* | *162.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0044 | LF | 12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,162.40 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.33* | |
| | | *For Schedule 80 Pipe, Add* | *203.32* | |

## 33 61 13 00-0045 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0046 | LF | 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 171.37 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.96* | |
| | | *For Schedule 80 Pipe, Add* | *29.62* | |
| 33 61 13 00-0047 | LF | 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 187.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.26* | |
| | | *For Schedule 80 Pipe, Add* | *32.58* | |
| 33 61 13 00-0048 | LF | 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 210.12 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.67* | |
| | | *For Schedule 80 Pipe, Add* | *36.69* | |
| 33 61 13 00-0049 | LF | 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 225.04 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.94* | |
| | | *For Schedule 80 Pipe, Add* | *39.38* | |
| 33 61 13 00-0050 | LF | 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 235.72 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.12* | |
| | | *For Schedule 80 Pipe, Add* | *41.17* | |
| 33 61 13 00-0051 | LF | 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 260.68 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.47* | |
| | | *For Schedule 80 Pipe, Add* | *44.75* | |
| 33 61 13 00-0052 | LF | 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 286.72 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.83* | |
| | | *For Schedule 80 Pipe, Add* | *48.33* | |
| 33 61 13 00-0053 | LF | 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 361.71 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.09* | |
| | | *For Schedule 80 Pipe, Add* | *60.86* | |
| 33 61 13 00-0054 | LF | 5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 459.62 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.79* | |
| | | *For Schedule 80 Pipe, Add* | *77.86* | |
| 33 61 13 00-0055 | LF | 6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 534.35 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.04* | |
| | | *For Schedule 80 Pipe, Add* | *90.39* | |
| 33 61 13 00-0056 | LF | 8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 757.34 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *13.16* | |
| | | *For Schedule 80 Pipe, Add* | *131.56* | |
| 33 61 13 00-0057 | LF | 10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 986.58 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.36* | |
| | | *For Schedule 80 Pipe, Add* | *173.62* | |
| 33 61 13 00-0058 | LF | 12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,228.70 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *21.66* | |
| | | *For Schedule 80 Pipe, Add* | *216.58* | |

## 33 61 13 00-0059 Preinsulated Black Steel Fittings *(33 61 13 00-0001)*

Note: No excavation or backfill.

## 33 61 13 00-0060 Elbows *(33 61 13 00-0059)*

## 33 61 13 00-0061 Elbows *(33 61 13 00-0060)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0062 | EA | 3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 894.11 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *15.66* | |
| 33 61 13 00-0063 | EA | 1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 921.13 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *16.03* | |
| 33 61 13 00-0064 | EA | 1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,053.44 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.24* | |
| 33 61 13 00-0065 | EA | 1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,167.81 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.89* | |
| 33 61 13 00-0066 | EA | 2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,295.82 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.72* | |
| 33 61 13 00-0067 | EA | 2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,457.30 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *21.55* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0068 | EA | 3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,688.24 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *24.87* | |
| 33 61 13 00-0069 | EA | 4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,969.97 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *29.01* | |
| 33 61 13 00-0070 | EA | 5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,420.93 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *37.30* | |
| 33 61 13 00-0071 | EA | 6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,701.89 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *42.37* | |
| 33 61 13 00-0072 | EA | 8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,841.42 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *61.25* | |
| 33 61 13 00-0073 | EA | 10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 5,050.52 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *78.28* | |
| 33 61 13 00-0074 | EA | 12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 6,544.79 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *103.61* | |

### 33 61 13 00-0075 Elbows *(33 61 13 00-0060)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0076 | EA | 3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 952.82 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *16.83* | |
| 33 61 13 00-0077 | EA | 1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 981.22 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.23* | |
| 33 61 13 00-0078 | EA | 1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,121.82 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.60* | |
| 33 61 13 00-0079 | EA | 1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,242.41 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *21.39* | |
| 33 61 13 00-0080 | EA | 2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,373.53 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *22.28* | |
| 33 61 13 00-0081 | EA | 2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,538.11 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *23.17* | |
| 33 61 13 00-0082 | EA | 3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,781.49 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *26.73* | |
| 33 61 13 00-0083 | EA | 4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,078.76 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *31.19* | |
| 33 61 13 00-0084 | EA | 5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,560.81 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *40.10* | |
| 33 61 13 00-0085 | EA | 6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,860.77 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *45.54* | |
| 33 61 13 00-0086 | EA | 8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,071.09 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *65.84* | |
| 33 61 13 00-0087 | EA | 10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 5,344.09 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *84.16* | |
| 33 61 13 00-0088 | EA | 12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 6,933.34 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *111.38* | |

### 33 61 13 00-0089 Elbows *(33 61 13 00-0060)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0090 | EA | 3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,011.54 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.01* | |
| 33 61 13 00-0091 | EA | 1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,041.32 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.43* | |
| 33 61 13 00-0092 | EA | 1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,190.21 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.97* | |
| 33 61 13 00-0093 | EA | 1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,317.01 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *22.88* | |
| 33 61 13 00-0094 | EA | 2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,451.24 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *23.83* | |
| 33 61 13 00-0095 | EA | 2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,618.93 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *24.78* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0096 | EA | 3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,874.74 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *28.60* | |
| 33 61 13 00-0097 | EA | 4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,187.56 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *33.36* | |
| 33 61 13 00-0098 | EA | 5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,700.68 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *42.90* | |
| 33 61 13 00-0099 | EA | 6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,019.64 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *48.72* | |
| 33 61 13 00-0100 | EA | 8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,300.77 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *70.43* | |
| 33 61 13 00-0101 | EA | 10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 5,637.65 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *90.03* | |
| 33 61 13 00-0102 | EA | 12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 7,321.88 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *119.15* | |

### 33 61 13 00-0103 Elbows *(33 61 13 00-0060)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0104 | EA | 3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,070.25 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.18* | |
| 33 61 13 00-0105 | EA | 1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,101.41 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.63* | |
| 33 61 13 00-0106 | EA | 1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,258.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *22.34* | |
| 33 61 13 00-0107 | EA | 1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,391.61 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *24.37* | |
| 33 61 13 00-0108 | EA | 2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,528.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *25.39* | |
| 33 61 13 00-0109 | EA | 2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,699.75 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *26.40* | |
| 33 61 13 00-0110 | EA | 3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,967.99 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *30.46* | |
| 33 61 13 00-0111 | EA | 4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,296.35 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *35.54* | |
| 33 61 13 00-0112 | EA | 5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,840.56 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *45.69* | |
| 33 61 13 00-0113 | EA | 6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,178.51 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *51.90* | |
| 33 61 13 00-0114 | EA | 8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,530.44 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *75.03* | |
| 33 61 13 00-0115 | EA | 10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 5,931.22 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *95.90* | |
| 33 61 13 00-0116 | EA | 12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 7,710.43 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *126.93* | |

### 33 61 13 00-0117 Tees *(33 61 13 00-0059)*

### 33 61 13 00-0118 Tees *(33 61 13 00-0117)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0119 | EA | 3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,329.37 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *23.25* | |
| 33 61 13 00-0120 | EA | 1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,369.50 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *23.80* | |
| 33 61 13 00-0121 | EA | 1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,566.29 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *27.08* | |
| 33 61 13 00-0122 | EA | 1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,736.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *29.54* | |
| 33 61 13 00-0123 | EA | 2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,927.71 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *30.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0124 | EA | 2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,169.11 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *32.00* | |
| 33 61 13 00-0125 | EA | 3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,513.70 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *36.93* | |
| 33 61 13 00-0126 | EA | 4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,933.20 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *43.08* | |
| 33 61 13 00-0127 | EA | 5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,606.36 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *55.39* | |
| 33 61 13 00-0128 | EA | 6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,021.89 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *62.91* | |
| 33 61 13 00-0129 | EA | 8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 5,714.75 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *90.95* | |
| 33 61 13 00-0130 | EA | 10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 7,519.07 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *116.25* | |
| 33 61 13 00-0131 | EA | 12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 9,739.48 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *153.86* | |

### 33 61 13 00-0132 Tees *(33 61 13 00-0117)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0133 | EA | 3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,416.56 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *24.99* | |
| 33 61 13 00-0134 | EA | 1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,458.74 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *25.58* | |
| 33 61 13 00-0135 | EA | 1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,667.84 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *29.11* | |
| 33 61 13 00-0136 | EA | 1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,847.37 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *31.76* | |
| 33 61 13 00-0137 | EA | 2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,043.11 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *33.08* | |
| 33 61 13 00-0138 | EA | 2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,289.12 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *34.40* | |
| 33 61 13 00-0139 | EA | 3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,652.18 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *39.70* | |
| 33 61 13 00-0140 | EA | 4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,094.75 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *46.31* | |
| 33 61 13 00-0141 | EA | 5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,814.08 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *59.55* | |
| 33 61 13 00-0142 | EA | 6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,257.81 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *67.63* | |
| 33 61 13 00-0143 | EA | 8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 6,055.82 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *97.77* | |
| 33 61 13 00-0144 | EA | 10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 7,955.02 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *124.97* | |
| 33 61 13 00-0145 | EA | 12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 10,316.47 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *165.40* | |

### 33 61 13 00-0146 Tees *(33 61 13 00-0117)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0147 | EA | 3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,503.75 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *26.74* | |
| 33 61 13 00-0148 | EA | 1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,547.99 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *27.37* | |
| 33 61 13 00-0149 | EA | 1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,769.40 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *31.14* | |
| 33 61 13 00-0150 | EA | 1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,958.15 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *33.97* | |
| 33 61 13 00-0151 | EA | 2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,158.51 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *35.39* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0152 | EA | 2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,409.14 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *36.80* | |
| 33 61 13 00-0153 | EA | 3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,790.65 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *42.47* | |
| 33 61 13 00-0154 | EA | 4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,256.31 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *49.54* | |
| 33 61 13 00-0155 | EA | 5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,021.80 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *63.70* | |
| 33 61 13 00-0156 | EA | 6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,493.74 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *72.35* | |
| 33 61 13 00-0157 | EA | 8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 6,396.89 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *104.59* | |
| 33 61 13 00-0158 | EA | 10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 8,390.97 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *133.69* | |
| 33 61 13 00-0159 | EA | 12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 10,893.46 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *176.94* | |

### 33 61 13 00-0160 Tees *(33 61 13 00-0117)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0161 | EA | 3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,590.94 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *28.48* | |
| 33 61 13 00-0162 | EA | 1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,637.23 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *29.15* | |
| 33 61 13 00-0163 | EA | 1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,870.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *33.17* | |
| 33 61 13 00-0164 | EA | 1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,068.93 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *36.19* | |
| 33 61 13 00-0165 | EA | 2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,273.91 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *37.70* | |
| 33 61 13 00-0166 | EA | 2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,529.15 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *39.20* | |
| 33 61 13 00-0167 | EA | 3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,929.13 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *45.24* | |
| 33 61 13 00-0168 | EA | 4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,417.87 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *52.78* | |
| 33 61 13 00-0169 | EA | 5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,229.51 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *67.85* | |
| 33 61 13 00-0170 | EA | 6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,729.66 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *77.07* | |
| 33 61 13 00-0171 | EA | 8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 6,737.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *111.41* | |
| 33 61 13 00-0172 | EA | 10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 8,826.92 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *142.41* | |
| 33 61 13 00-0173 | EA | 12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 11,470.45 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *188.48* | |

### 33 61 13 00-0174 Reducers *(33 61 13 00-0059)*

### 33 61 13 00-0175 Reducers *(33 61 13 00-0174)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0176 | EA | 3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 749.92 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *13.00* | |
| 33 61 13 00-0177 | EA | 1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 772.90 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *13.30* | |
| 33 61 13 00-0178 | EA | 1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 884.28 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *15.14* | |
| 33 61 13 00-0179 | EA | 1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 981.33 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *16.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0180 | EA | 2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,093.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.20* | |
| 33 61 13 00-0181 | EA | 2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,244.67 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.89* | |
| 33 61 13 00-0182 | EA | 3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,435.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.64* | |
| 33 61 13 00-0183 | EA | 4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,671.20 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *24.08* | |
| 33 61 13 00-0184 | EA | 5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,048.47 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *30.96* | |
| 33 61 13 00-0185 | EA | 6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,283.62 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *35.16* | |
| 33 61 13 00-0186 | EA | 8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,243.08 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *50.83* | |
| 33 61 13 00-0187 | EA | 10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,271.96 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *64.98* | |
| 33 61 13 00-0188 | EA | 12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 5,525.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *86.00* | |

### 33 61 13 00-0189 Reducers *(33 61 13 00-0174)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0190 | EA | 3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 798.66 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *13.97* | |
| 33 61 13 00-0191 | EA | 1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 822.78 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *14.30* | |
| 33 61 13 00-0192 | EA | 1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 941.04 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *16.27* | |
| 33 61 13 00-0193 | EA | 1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,043.25 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.75* | |
| 33 61 13 00-0194 | EA | 2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,158.09 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.49* | |
| 33 61 13 00-0195 | EA | 2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,311.75 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.23* | |
| 33 61 13 00-0196 | EA | 3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,513.35 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *22.19* | |
| 33 61 13 00-0197 | EA | 4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,761.50 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *25.89* | |
| 33 61 13 00-0198 | EA | 5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,164.56 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *33.28* | |
| 33 61 13 00-0199 | EA | 6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,415.49 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *37.80* | |
| 33 61 13 00-0200 | EA | 8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,433.71 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *54.65* | |
| 33 61 13 00-0201 | EA | 10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,515.62 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *69.85* | |
| 33 61 13 00-0202 | EA | 12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 5,848.08 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *92.45* | |

### 33 61 13 00-0203 Reducers *(33 61 13 00-0174)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0204 | EA | 3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 847.39 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *14.94* | |
| 33 61 13 00-0205 | EA | 1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 872.66 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *15.30* | |
| 33 61 13 00-0206 | EA | 1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 997.80 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.41* | |
| 33 61 13 00-0207 | EA | 1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,105.17 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0208 | EA | 2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,222.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.78* | |
| 33 61 13 00-0209 | EA | 2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,378.83 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.57* | |
| 33 61 13 00-0210 | EA | 3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,590.74 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *23.74* | |
| 33 61 13 00-0211 | EA | 4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,851.80 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *27.69* | |
| 33 61 13 00-0212 | EA | 5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,280.66 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *35.60* | |
| 33 61 13 00-0213 | EA | 6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,547.35 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *40.44* | |
| 33 61 13 00-0214 | EA | 8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,624.34 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *58.46* | |
| 33 61 13 00-0215 | EA | 10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,759.28 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *74.72* | |
| 33 61 13 00-0216 | EA | 12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 6,170.58 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *98.90* | |

### 33 61 13 00-0217 Reducers *(33 61 13 00-0174)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0218 | EA | 3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 896.12 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *15.92* | |
| 33 61 13 00-0219 | EA | 1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 922.54 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *16.29* | |
| 33 61 13 00-0220 | EA | 1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,054.56 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.54* | |
| 33 61 13 00-0221 | EA | 1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,167.09 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.23* | |
| 33 61 13 00-0222 | EA | 2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,287.09 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *21.07* | |
| 33 61 13 00-0223 | EA | 2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,445.91 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *21.91* | |
| 33 61 13 00-0224 | EA | 3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,668.14 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *25.28* | |
| 33 61 13 00-0225 | EA | 4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,942.10 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *29.50* | |
| 33 61 13 00-0226 | EA | 5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,396.76 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *37.93* | |
| 33 61 13 00-0227 | EA | 6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,679.21 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *43.08* | |
| 33 61 13 00-0228 | EA | 8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,814.96 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *62.27* | |
| 33 61 13 00-0229 | EA | 10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 5,002.94 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *79.60* | |
| 33 61 13 00-0230 | EA | 12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 6,493.07 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *105.35* | |

### 33 61 13 00-0231 Preinsulated Type K Copper Pipe *(33 61 13 00-0001)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

### 33 61 13 00-0232 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0233 | LF | 3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 44.99 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.41* | |
| 33 61 13 00-0234 | LF | 1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 48.99 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.45* | |
| 33 61 13 00-0235 | LF | 1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 53.46 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0236 | LF | 1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 56.90 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.54* | |
| 33 61 13 00-0237 | LF | 2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 59.96 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.57* | |
| 33 61 13 00-0238 | LF | 2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 69.90 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.62* | |
| 33 61 13 00-0239 | LF | 3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 80.96 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.67* | |
| 33 61 13 00-0240 | LF | 4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 102.63 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.84* | |
| 33 61 13 00-0241 | LF | 5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 127.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.07* | |
| 33 61 13 00-0242 | LF | 6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 149.38 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.25* | |
| 33 61 13 00-0243 | LF | 8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 195.90 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.82* | |
| 33 61 13 00-0244 | LF | 10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 244.90 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.40* | |
| 33 61 13 00-0245 | LF | 12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 303.41 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.99* | |

### 33 61 13 00-0246 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0247 | LF | 3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 47.03 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.45* | |
| 33 61 13 00-0248 | LF | 1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 51.23 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.49* | |
| 33 61 13 00-0249 | LF | 1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 55.99 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.56* | |
| 33 61 13 00-0250 | LF | 1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 59.62 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.60* | |
| 33 61 13 00-0251 | LF | 2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 62.80 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.63* | |
| 33 61 13 00-0252 | LF | 2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 72.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.68* | |
| 33 61 13 00-0253 | LF | 3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 84.30 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.73* | |
| 33 61 13 00-0254 | LF | 4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 106.83 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.92* | |
| 33 61 13 00-0255 | LF | 5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 133.35 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.18* | |
| 33 61 13 00-0256 | LF | 6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 155.61 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.37* | |
| 33 61 13 00-0257 | LF | 8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 204.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.00* | |
| 33 61 13 00-0258 | LF | 10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 256.87 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.64* | |
| 33 61 13 00-0259 | LF | 12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 318.35 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.29* | |

### 33 61 13 00-0260 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0261 | LF | 3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 48.06 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.47* | |
| 33 61 13 00-0262 | LF | 1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 52.36 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.52* | |
| 33 61 13 00-0263 | LF | 1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 57.26 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.58* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0264 | LF | 1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 60.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.63* | |
| 33 61 13 00-0265 | LF | 2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 64.22 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.65* | |
| 33 61 13 00-0266 | LF | 2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 74.53 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.71* | |
| 33 61 13 00-0267 | LF | 3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 85.97 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.77* | |
| 33 61 13 00-0268 | LF | 4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 108.93 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.97* | |
| 33 61 13 00-0269 | LF | 5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 136.04 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.24* | |
| 33 61 13 00-0270 | LF | 6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 158.73 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.43* | |
| 33 61 13 00-0271 | LF | 8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 209.52 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.09* | |
| 33 61 13 00-0272 | LF | 10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 262.86 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.76* | |
| 33 61 13 00-0273 | LF | 12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 325.82 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.44* | |

### 33 61 13 00-0274 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0275 | LF | 3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 49.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.50* | |
| 33 61 13 00-0276 | LF | 1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 54.04 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.55* | |
| 33 61 13 00-0277 | LF | 1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 59.15 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.62* | |
| 33 61 13 00-0278 | LF | 1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 63.01 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.67* | |
| 33 61 13 00-0279 | LF | 2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 66.35 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.70* | |
| 33 61 13 00-0280 | LF | 2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 76.84 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.76* | |
| 33 61 13 00-0281 | LF | 3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 88.47 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *0.82* | |
| 33 61 13 00-0282 | LF | 4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 112.08 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.03* | |
| 33 61 13 00-0283 | LF | 5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 140.07 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.32* | |
| 33 61 13 00-0284 | LF | 6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 163.41 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *1.53* | |
| 33 61 13 00-0285 | LF | 8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 216.33 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.22* | |
| 33 61 13 00-0286 | LF | 10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 271.85 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *2.94* | |
| 33 61 13 00-0287 | LF | 12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 337.03 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.66* | |

### 33 61 13 00-0288 Preinsulated Copper Fittings *(33 61 13 00-0001)*

### 33 61 13 00-0289 Elbows *(33 61 13 00-0288)*

### 33 61 13 00-0290 Elbows *(33 61 13 00-0289)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0291 | EA | 3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 329.72 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.66* | |
| 33 61 13 00-0292 | EA | 1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 342.68 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.77* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0293 | EA | 1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 394.51 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.43* | |
| 33 61 13 00-0294 | EA | 1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 446.56 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.92* | |
| 33 61 13 00-0295 | EA | 2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 534.17 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.17* | |
| 33 61 13 00-0296 | EA | 2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 650.86 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.41* | |
| 33 61 13 00-0297 | EA | 3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 756.84 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.40* | |
| 33 61 13 00-0298 | EA | 4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 883.30 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.63* | |
| 33 61 13 00-0299 | EA | 5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,038.38 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *11.10* | |
| 33 61 13 00-0300 | EA | 6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,137.87 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *12.61* | |
| 33 61 13 00-0301 | EA | 8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,588.78 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.23* | |
| 33 61 13 00-0302 | EA | 10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,152.81 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *23.30* | |
| 33 61 13 00-0303 | EA | 12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,727.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *30.83* | |

### 33 61 13 00-0304 Elbows *(33 61 13 00-0289)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0305 | EA | 3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 347.19 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.01* | |
| 33 61 13 00-0306 | EA | 1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 360.56 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.13* | |
| 33 61 13 00-0307 | EA | 1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 414.86 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.83* | |
| 33 61 13 00-0308 | EA | 1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 468.76 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.36* | |
| 33 61 13 00-0309 | EA | 2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 557.29 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.63* | |
| 33 61 13 00-0310 | EA | 2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 674.91 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.89* | |
| 33 61 13 00-0311 | EA | 3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 784.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.96* | |
| 33 61 13 00-0312 | EA | 4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 915.67 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.28* | |
| 33 61 13 00-0313 | EA | 5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,080.01 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *11.93* | |
| 33 61 13 00-0314 | EA | 6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,185.15 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *13.55* | |
| 33 61 13 00-0315 | EA | 8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,657.13 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.59* | |
| 33 61 13 00-0316 | EA | 10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,240.17 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *25.04* | |
| 33 61 13 00-0317 | EA | 12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,843.58 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *33.15* | |

### 33 61 13 00-0318 Elbows *(33 61 13 00-0289)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0319 | EA | 3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 364.66 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.36* | |
| 33 61 13 00-0320 | EA | 1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 378.45 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0321 | EA | 1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 435.21 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.24* | |
| 33 61 13 00-0322 | EA | 1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 490.96 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.81* | |
| 33 61 13 00-0323 | EA | 2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 580.42 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.09* | |
| 33 61 13 00-0324 | EA | 2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 698.96 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.38* | |
| 33 61 13 00-0325 | EA | 3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 812.34 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.51* | |
| 33 61 13 00-0326 | EA | 4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 948.05 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.93* | |
| 33 61 13 00-0327 | EA | 5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,121.63 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *12.77* | |
| 33 61 13 00-0328 | EA | 6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,232.67 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *14.50* | |
| 33 61 13 00-0329 | EA | 8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,725.35 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.96* | |
| 33 61 13 00-0330 | EA | 10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,327.13 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *26.79* | |
| 33 61 13 00-0331 | EA | 12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,959.49 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *35.46* | |

### 33 61 13 00-0332 Elbows *(33 61 13 00-0289)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0333 | EA | 3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 382.14 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.71* | |
| 33 61 13 00-0334 | EA | 1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 396.33 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.84* | |
| 33 61 13 00-0335 | EA | 1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 455.56 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.65* | |
| 33 61 13 00-0336 | EA | 1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 513.16 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.25* | |
| 33 61 13 00-0337 | EA | 2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 603.55 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.55* | |
| 33 61 13 00-0338 | EA | 2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 723.01 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.86* | |
| 33 61 13 00-0339 | EA | 3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 840.09 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.07* | |
| 33 61 13 00-0340 | EA | 4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 980.42 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.58* | |
| 33 61 13 00-0341 | EA | 5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,163.26 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *13.60* | |
| 33 61 13 00-0342 | EA | 6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,279.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *15.44* | |
| 33 61 13 00-0343 | EA | 8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,793.70 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *22.33* | |
| 33 61 13 00-0344 | EA | 10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,414.50 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *28.54* | |
| 33 61 13 00-0345 | EA | 12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,075.12 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *37.77* | |

### 33 61 13 00-0346 Tees *(33 61 13 00-0288)*

### 33 61 13 00-0347 Tees *(33 61 13 00-0346)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0348 | EA | 3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 491.04 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0349 | EA | 1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 510.28 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.08* | |
| 33 61 13 00-0350 | EA | 1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 587.54 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.06* | |
| 33 61 13 00-0351 | EA | 1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 665.20 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.79* | |
| 33 61 13 00-0352 | EA | 2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 796.18 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.16* | |
| 33 61 13 00-0353 | EA | 2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 970.90 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.52* | |
| 33 61 13 00-0354 | EA | 3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,129.74 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.99* | |
| 33 61 13 00-0355 | EA | 4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,318.51 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *12.82* | |
| 33 61 13 00-0356 | EA | 5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,551.85 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *16.48* | |
| 33 61 13 00-0357 | EA | 6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,697.96 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.72* | |
| 33 61 13 00-0358 | EA | 8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,368.10 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *27.07* | |
| 33 61 13 00-0359 | EA | 10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,213.41 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *34.60* | |
| 33 61 13 00-0360 | EA | 12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,068.79 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *45.79* | |

### 33 61 13 00-0361 Tees *(33 61 13 00-0346)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0362 | EA | 3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 516.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.44* | |
| 33 61 13 00-0363 | EA | 1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 536.83 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.61* | |
| 33 61 13 00-0364 | EA | 1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 617.76 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.66* | |
| 33 61 13 00-0365 | EA | 1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 698.17 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.45* | |
| 33 61 13 00-0366 | EA | 2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 830.53 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.84* | |
| 33 61 13 00-0367 | EA | 2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,006.61 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.24* | |
| 33 61 13 00-0368 | EA | 3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,170.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *11.81* | |
| 33 61 13 00-0369 | EA | 4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,366.59 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *13.78* | |
| 33 61 13 00-0370 | EA | 5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,613.67 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.72* | |
| 33 61 13 00-0371 | EA | 6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,768.17 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.13* | |
| 33 61 13 00-0372 | EA | 8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,469.60 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *29.10* | |
| 33 61 13 00-0373 | EA | 10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,343.15 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *37.19* | |
| 33 61 13 00-0374 | EA | 12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,240.50 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *49.22* | |

### 33 61 13 00-0375 Tees *(33 61 13 00-0346)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0376 | EA | 3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 542.93 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.96* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0377 | EA | 1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 563.39 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.14* | |
| 33 61 13 00-0378 | EA | 1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 647.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.27* | |
| 33 61 13 00-0379 | EA | 1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 731.13 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.11* | |
| 33 61 13 00-0380 | EA | 2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 864.87 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.53* | |
| 33 61 13 00-0381 | EA | 2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,042.33 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.95* | |
| 33 61 13 00-0382 | EA | 3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,212.16 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *12.64* | |
| 33 61 13 00-0383 | EA | 4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,414.66 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *14.74* | |
| 33 61 13 00-0384 | EA | 5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,675.48 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.96* | |
| 33 61 13 00-0385 | EA | 6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,838.74 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *21.53* | |
| 33 61 13 00-0386 | EA | 8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,570.13 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *31.13* | |
| 33 61 13 00-0387 | EA | 10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,470.60 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *39.79* | |
| 33 61 13 00-0388 | EA | 12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,414.83 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *52.66* | |

33 61 13 00-0389 Tees *(33 61 13 00-0346)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0390 | EA | 3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 568.88 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.48* | |
| 33 61 13 00-0391 | EA | 1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 589.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.68* | |
| 33 61 13 00-0392 | EA | 1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 678.20 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.87* | |
| 33 61 13 00-0393 | EA | 1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 764.10 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.77* | |
| 33 61 13 00-0394 | EA | 2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 899.21 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *11.22* | |
| 33 61 13 00-0395 | EA | 2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,078.04 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *11.67* | |
| 33 61 13 00-0396 | EA | 3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,253.37 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *13.46* | |
| 33 61 13 00-0397 | EA | 4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,462.74 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *15.71* | |
| 33 61 13 00-0398 | EA | 5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,737.29 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.19* | |
| 33 61 13 00-0399 | EA | 6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,908.95 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *22.94* | |
| 33 61 13 00-0400 | EA | 8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,671.63 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *33.16* | |
| 33 61 13 00-0401 | EA | 10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 3,600.34 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *42.38* | |
| 33 61 13 00-0402 | EA | 12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 4,586.53 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *56.09* | |

33 61 13 00-0403 Reducers *(33 61 13 00-0288)*

33 61 13 00-0404 Reducers *(33 61 13 00-0403)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0405 | EA | 3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 280.46 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.87* | |
| 33 61 13 00-0406 | EA | 1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 291.69 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *3.96* | |
| 33 61 13 00-0407 | EA | 1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 336.08 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.50* | |
| 33 61 13 00-0408 | EA | 1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 381.10 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.91* | |
| 33 61 13 00-0409 | EA | 2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 459.07 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.12* | |
| 33 61 13 00-0410 | EA | 2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 570.75 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.32* | |
| 33 61 13 00-0411 | EA | 3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 658.38 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.14* | |
| 33 61 13 00-0412 | EA | 4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 764.55 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.17* | |
| 33 61 13 00-0413 | EA | 5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 895.88 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.21* | |
| 33 61 13 00-0414 | EA | 6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 980.12 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.46* | |
| 33 61 13 00-0415 | EA | 8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,366.21 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *15.13* | |
| 33 61 13 00-0416 | EA | 10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,856.50 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *19.34* | |
| 33 61 13 00-0417 | EA | 12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,345.42 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *25.59* | |

33 61 13 00-0418 Reducers *(33 61 13 00-0403)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0419 | EA | 3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 294.97 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.16* | |
| 33 61 13 00-0420 | EA | 1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 306.54 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.26* | |
| 33 61 13 00-0421 | EA | 1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 352.97 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.84* | |
| 33 61 13 00-0422 | EA | 1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 399.53 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.28* | |
| 33 61 13 00-0423 | EA | 2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 478.27 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.50* | |
| 33 61 13 00-0424 | EA | 2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 590.71 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.72* | |
| 33 61 13 00-0425 | EA | 3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 681.41 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.60* | |
| 33 61 13 00-0426 | EA | 4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 791.42 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.70* | |
| 33 61 13 00-0427 | EA | 5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 930.43 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *9.90* | |
| 33 61 13 00-0428 | EA | 6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,019.36 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *11.25* | |
| 33 61 13 00-0429 | EA | 8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,422.94 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *16.26* | |
| 33 61 13 00-0430 | EA | 10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,929.01 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *20.79* | |
| 33 61 13 00-0431 | EA | 12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,441.39 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *27.51* | |

33 61 13 00-0432 Reducers *(33 61 13 00-0403)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0433 | EA | 3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 309.47 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.45* | |
| 33 61 13 00-0434 | EA | 1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 321.38 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.55* | |
| 33 61 13 00-0435 | EA | 1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 369.86 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.18* | |
| 33 61 13 00-0436 | EA | 1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 417.96 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.65* | |
| 33 61 13 00-0437 | EA | 2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 497.46 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.89* | |
| 33 61 13 00-0438 | EA | 2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 610.67 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.12* | |
| 33 61 13 00-0439 | EA | 3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 704.44 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.06* | |
| 33 61 13 00-0440 | EA | 4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 818.29 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.24* | |
| 33 61 13 00-0441 | EA | 5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 964.98 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *10.60* | |
| 33 61 13 00-0442 | EA | 6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,058.80 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *12.03* | |
| 33 61 13 00-0443 | EA | 8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,479.32 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *17.40* | |
| 33 61 13 00-0444 | EA | 10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,001.20 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *22.24* | |
| 33 61 13 00-0445 | EA | 12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,537.60 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *29.43* | |

### 33 61 13 00-0446 Reducers *(33 61 13 00-0403)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0447 | EA | 3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 323.97 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.74* | |
| 33 61 13 00-0448 | EA | 1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 336.22 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *4.85* | |
| 33 61 13 00-0449 | EA | 1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 386.75 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *5.52* | |
| 33 61 13 00-0450 | EA | 1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 436.38 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.02* | |
| 33 61 13 00-0451 | EA | 2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 516.65 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.27* | |
| 33 61 13 00-0452 | EA | 2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 630.63 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *6.52* | |
| 33 61 13 00-0453 | EA | 3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 727.48 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *7.52* | |
| 33 61 13 00-0454 | EA | 4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 845.17 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *8.78* | |
| 33 61 13 00-0455 | EA | 5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 999.53 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *11.29* | |
| 33 61 13 00-0456 | EA | 6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,098.04 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *12.82* | |
| 33 61 13 00-0457 | EA | 8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 1,536.05 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *18.53* | |
| 33 61 13 00-0458 | EA | 10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,073.71 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *23.69* | |
| 33 61 13 00-0459 | EA | 12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket | 2,633.57 | |
| | | *For High Density Polyethylene (HDPE) Jacket, Add* | *31.35* | |

### 33 61 13 00-0460 Preinsulated Ductile Iron Carrier Pipe *(33 61 13 00-0001)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 61 13 00-0461** | | **Ductile Iron Carrier Pipe** *(33 61 13 00-0460)*<br>Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing. | | |
| 33 61 13 00-0462 | LF | 4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 150.97 | |
| 33 61 13 00-0463 | LF | 6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 220.73 | |
| 33 61 13 00-0464 | LF | 8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 296.53 | |
| 33 61 13 00-0465 | LF | 10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 375.65 | |
| 33 61 13 00-0466 | LF | 12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 466.20 | |
| **33 61 13 00-0467** | | **Ductile Iron Carrier Pipe** *(33 61 13 00-0460)*<br>Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing. | | |
| 33 61 13 00-0468 | LF | 4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 160.20 | |
| 33 61 13 00-0469 | LF | 6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 234.44 | |
| 33 61 13 00-0470 | LF | 8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 316.49 | |
| 33 61 13 00-0471 | LF | 10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 401.99 | |
| 33 61 13 00-0472 | LF | 12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 499.05 | |
| 33 61 13 00-0473 | LF | 14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 545.54 | |
| 33 61 13 00-0474 | LF | 16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 613.61 | |
| 33 61 13 00-0475 | LF | 18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 689.39 | |
| 33 61 13 00-0476 | LF | 20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 757.86 | |
| 33 61 13 00-0477 | LF | 24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 895.08 | |
| **33 61 13 00-0478** | | **Preinsulated Ductile Iron Fittings** *(33 61 13 00-0001)* | | |
| **33 61 13 00-0479** | | **Elbows** *(33 61 13 00-0478)* | | |
| **33 61 13 00-0480** | | **Elbows** *(33 61 13 00-0479)*<br>Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing. | | |
| 33 61 13 00-0481 | EA | 4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,336.71 | |
| 33 61 13 00-0482 | EA | 6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,777.13 | |
| 33 61 13 00-0483 | EA | 8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 2,504.54 | |
| 33 61 13 00-0484 | EA | 10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 3,341.72 | |
| 33 61 13 00-0485 | EA | 12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 4,283.15 | |
| **33 61 13 00-0486** | | **Elbows** *(33 61 13 00-0479)*<br>Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing. | | |
| 33 61 13 00-0487 | EA | 4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,450.75 | |
| 33 61 13 00-0488 | EA | 6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,943.67 | |
| 33 61 13 00-0489 | EA | 8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 2,745.30 | |
| 33 61 13 00-0490 | EA | 10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 3,649.46 | |
| 33 61 13 00-0491 | EA | 12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 4,690.45 | |
| 33 61 13 00-0492 | EA | 14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 5,704.80 | |
| 33 61 13 00-0493 | EA | 16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 6,742.79 | |
| 33 61 13 00-0494 | EA | 18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 8,415.68 | |
| 33 61 13 00-0495 | EA | 20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 10,676.94 | |
| 33 61 13 00-0496 | EA | 24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 13,833.33 | |
| **33 61 13 00-0497** | | **Tees** *(33 61 13 00-0478)* | | |
| **33 61 13 00-0498** | | **Tees** *(33 61 13 00-0497)*<br>Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing. | | |
| 33 61 13 00-0499 | EA | 4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,992.81 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 33 61 13 00-0500 | EA | 6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 2,648.62 | |
| 33 61 13 00-0501 | EA | 8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 3,729.48 | |
| 33 61 13 00-0502 | EA | 10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 4,981.51 | |
| 33 61 13 00-0503 | EA | 12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 6,380.94 | |

### 33 61 13 00-0504 Tees *(33 61 13 00-0497)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0505 | EA | 4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 2,162.16 | |
| 33 61 13 00-0506 | EA | 6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 2,895.93 | |
| 33 61 13 00-0507 | EA | 8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 4,087.01 | |
| 33 61 13 00-0508 | EA | 10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 5,438.50 | |
| 33 61 13 00-0509 | EA | 12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 6,985.78 | |
| 33 61 13 00-0510 | EA | 14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 8,337.46 | |
| 33 61 13 00-0511 | EA | 16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 9,857.57 | |
| 33 61 13 00-0512 | EA | 18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 12,304.91 | |
| 33 61 13 00-0513 | EA | 20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 15,619.14 | |
| 33 61 13 00-0514 | EA | 24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 20,231.91 | |

### 33 61 13 00-0515 Reducers *(33 61 13 00-0478)*

### 33 61 13 00-0516 Reducers *(33 61 13 00-0515)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0517 | EA | 4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,145.60 | |
| 33 61 13 00-0518 | EA | 6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,516.07 | |
| 33 61 13 00-0519 | EA | 8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 2,133.47 | |
| 33 61 13 00-0520 | EA | 10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 2,853.66 | |
| 33 61 13 00-0521 | EA | 12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 3,648.43 | |

### 33 61 13 00-0522 Reducers *(33 61 13 00-0515)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0523 | EA | 4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,240.26 | |
| 33 61 13 00-0524 | EA | 6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 1,654.30 | |
| 33 61 13 00-0525 | EA | 8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 2,333.30 | |
| 33 61 13 00-0526 | EA | 10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 3,109.08 | |
| 33 61 13 00-0527 | EA | 12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 3,986.48 | |
| 33 61 13 00-0528 | EA | 14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 4,752.38 | |
| 33 61 13 00-0529 | EA | 16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 5,611.52 | |
| 33 61 13 00-0530 | EA | 18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 6,960.55 | |
| 33 61 13 00-0531 | EA | 20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 8,891.57 | |
| 33 61 13 00-0532 | EA | 24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket | 11,547.32 | |

### 33 61 13 00-0533 Tempered Water Piping Pre-Insulated *(33 61 13 00-0001)*

### 33 61 13 00-0534 Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 00-0533)*

| | | | | |
|---|---|---|---|---|
| 33 61 13 00-0535 | LF | 4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation | 120.29 | 21.95 |
| 33 61 13 00-0536 | LF | 6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation | 153.73 | 25.55 |
| 33 61 13 00-0537 | LF | 8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation | 214.35 | 27.43 |
| 33 61 13 00-0538 | LF | 10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation | 294.89 | 34.29 |
| 33 61 13 00-0539 | LF | 12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation | 377.33 | 42.29 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **33 61 13 00-0540** | | **Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation** *(33 61 13 00-0533)* | | |
| 33 61 13 00-0541 | LF | 4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation | 63.27 | 25.55 |
| 33 61 13 00-0542 | LF | 6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation | 71.58 | 25.55 |
| 33 61 13 00-0543 | LF | 8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation | 79.32 | 25.55 |
| 33 61 13 00-0544 | LF | 10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation | 95.43 | 30.20 |
| 33 61 13 00-0545 | LF | 12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation | 114.83 | 38.34 |
| **33 61 13 00-0546** | | **Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation** *(33 61 13 00-0533)* | | |
| 33 61 13 00-0547 | LF | 4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation | 63.27 | 25.55 |
| 33 61 13 00-0548 | LF | 6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation | 71.58 | 25.55 |
| 33 61 13 00-0549 | LF | 8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation | 79.32 | 25.55 |
| 33 61 13 00-0550 | LF | 10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation | 95.43 | 30.20 |
| 33 61 13 00-0551 | LF | 12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation | 114.83 | 38.34 |

# 33 70 Electrical Utilities *(33)*

## 33 71 Electrical Utility Transmission and Distribution *(33 70)*

### 33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

#### 33 71 19 13 Electrical Manholes and Handholes *(33 71 19)*

**33 71 19 13-0001 Electrical Handholes And Pull Boxes** *(33 71 19 13)*

**33 71 19 13-0002 Electrical Pull Boxes** *(33 71 19 13-0001)*

See CSI section 33 05 63 00-0427 for handholes.

| | | | | |
|---|---|---|---|---|
| 33 71 19 13-0003 | EA | 14" x 20" x 12", Electric Pull Boxes, Precast Concrete | 903.60 | |
| 33 71 19 13-0004 | EA | 18" x 28" x 12", Electric Pull Boxes, Precast Concrete | 1,098.20 | |
| 33 71 19 13-0005 | EA | 18" x 28" x 34", Electric Pull Boxes, Precast Concrete | 1,735.81 | |
| 33 71 19 13-0006 | EA | 24" x 36" x 12", Electric Pull Boxes, Precast Concrete | 1,459.61 | |
| 33 71 19 13-0007 | EA | 24" x 36" x 24", Electric Pull Boxes, Precast Concrete | 1,633.14 | |
| 33 71 19 13-0008 | EA | 24" x 36" x 36", Electric Pull Boxes, Precast Concrete | 1,949.87 | |
| 33 71 19 13-0009 | EA | 30" x 48" x 36", Electric Pull Boxes, Precast Concrete | 2,251.96 | |
| 33 71 19 13-0010 | EA | 36" x 72" x 24", Electric Pull Boxes, Precast Concrete | 3,472.15 | |
| 33 71 19 13-0011 | EA | 36" x 60" x 36", Electric Pull Boxes, Precast Concrete | 3,697.02 | |
| 33 71 19 13-0012 | EA | 48" x 48" x 36", Electric Pull Boxes, Precast Concrete | 3,972.81 | |
| 33 71 19 13-0013 | EA | 48" x 60" x 48", Electric Pull Boxes, Precast Concrete | 4,568.46 | |
| **33 71 19 13-0014** | | **Precast Concrete Box Extensions** *(33 71 19 13-0001)* | | |
| 33 71 19 13-0015 | EA | 14" x 20" x 12", Precast Concrete Extension | 193.45 | |
| 33 71 19 13-0016 | EA | 18" x 28" x 12", Precast Concrete Extension | 242.93 | |
| 33 71 19 13-0017 | EA | 24" x 36" x 12", Precast Concrete Extension | 316.28 | |
| 33 71 19 13-0018 | EA | 30" x 48" x 12", Precast Concrete Extension | 388.16 | |
| 33 71 19 13-0019 | EA | 36" x 60" x 12", Precast Concrete Extension | 628.78 | |
| 33 71 19 13-0020 | EA | 36" x 72" x 12", Precast Concrete Extension | 845.72 | |
| 33 71 19 13-0021 | EA | 48" x 48" x 12", Precast Concrete Extension | 965.42 | |
| 33 71 19 13-0022 | EA | 48" x 60" x 12", Precast Concrete Extension | 1,185.11 | |
| **33 71 19 13-0023** | | **Electrical Property Line Boxes** *(33 71 19 13)* | | |
| 33 71 19 13-0024 | EA | 3'-6" x 2'-9" x 2' Deep Property Line Box | 3,158.07 | 344.09 |
| 33 71 19 13-0025 | EA | 4'-6" x 3'-6" x 4' Deep Property Line Box | 3,687.99 | 356.83 |
| 33 71 19 13-0026 | EA | 6' x 4' x 5' Deep Property Line Box | 4,067.04 | 433.29 |
| 33 71 19 13-0027 | EA | 11'-6" x 4'-6" x 6' Deep Property Line Box | 6,214.22 | 637.19 |
| **33 71 19 13-0028** | | **Manhole Accessories** *(33 71 19 13)* | | |
| 33 71 19 13-0029 | EA | 6" Precast Grade Ring Riser Casting | 450.54 | |
| 33 71 19 13-0030 | EA | 12" Precast Grade Ring Riser Casting | 487.94 | |
| 33 71 19 13-0031 | EA | 36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D) | 2,421.38 | |
| 33 71 19 13-0032 | EA | 42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1) | 3,165.87 | |
| 33 71 19 13-0033 | EA | Cast Iron Adjusting Ring (NEENAH #R-1979) | 994.98 | |
| 33 71 19 13-0034 | EA | Cast Iron Frame And Cover (NEENAH #R-1640-B) | 1,276.17 | |

#### 33 71 19 23 Trenched Electrical Underground Duct and Ductbanks *(33 71 19)*

**33 71 19 23-0001 Underground Electrical Concrete Markers** *(33 71 19 23)*

| | | | | |
|---|---|---|---|---|
| 33 71 19 23-0002 | EA | 36" x 6" x 6", Underground Electric Concrete Marker | 328.85 | |


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

**END OF SECTION 33**

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 34 Transportation

## 34 40 Transportation Signaling and Control Equipment *(34)*

### 34 41 Roadway Signaling and Control Equipment *(34 40)*

#### 34 41 13 Traffic Signals *(34 41)*

##### 34 41 13 00-0001 Traffic Signals *(34 41 13)*

| | | | | |
|---|---|---|---|---|
| 34 41 13 00-0002 | EA | Single Traffic Signal Head, 4 Way Pattern | 5,369.82 | 751.30 |

##### 34 41 13 00-0003 Traffic Detector Induction Loop *(34 41 13)*

| | | | | |
|---|---|---|---|---|
| 34 41 13 00-0004 | EA | 6' x 6', Dipole, 3 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 367.92 | |
| 34 41 13 00-0005 | EA | 6' x 6', Diagonal Quadrupole, 3 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 458.66 | |
| 34 41 13 00-0006 | EA | 6' x 6', Diagonal Quadrupole, 5 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 5 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 525.23 | |
| 34 41 13 00-0007 | EA | 6' x 6', Quadrupole, Bicycle Type, 3 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 449.19 | |
| 34 41 13 00-0008 | EA | 6' x 20', 3 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 779.53 | |
| 34 41 13 00-0009 | EA | 6' x 28', 2 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 950.26 | |
| 34 41 13 00-0010 | EA | 6' x 28', 3 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 1,019.46 | |
| 34 41 13 00-0011 | EA | 6' x 40', 1 Turn Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 1,248.11 | |
| 34 41 13 00-0012 | EA | 6' x 40', 2 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 1,349.33 | |
| 34 41 13 00-0013 | EA | 6' x 50', 1 Turn Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 1,433.71 | |
| 34 41 13 00-0014 | EA | 6' x 50', 2 Turns Per Loop, Traffic Detection Induction Loop<br>Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit. | 1,557.32 | |
| 34 41 13 00-0015 | LF | In Pavement, Lead Wire For Traffic Signal Detector<br>Note: Includes saw cutting, sealing and splicing into traffic signal loop wire in street. Excludes junction box or conduit. | 6.78 | |
| 34 41 13 00-0016 | LF | In Earthwork, Lead Wire For Traffic Signal Detector<br>Note: Includes trenching in earthwork and splicing into traffic signal loop wire. Excludes junction box or conduit. | 3.22 | |
| 34 41 13 00-0017 | EA | 2 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model 222) | 244.59 | |
| 34 41 13 00-0018 | EA | 4 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model E-1100) | 694.21 | |
| 34 41 13 00-0019 | EA | 2 Channel, Rack Mounted, Traffic Loop Bicycle Detector (Reno A&E Model C-1100) | 430.39 | |

##### 34 41 13 00-0020 Overhead Traffic Signals *(34 41 13)*

| | | | | |
|---|---|---|---|---|
| 34 41 13 00-0021 | EA | Vehicle Signal Face, LED, 1 - 12" Section | 519.82 | 159.65 |
| 34 41 13 00-0022 | EA | Vehicle Signal Face, LED, 2 - 12" Sections | 845.83 | 225.39 |
| 34 41 13 00-0023 | EA | Vehicle Signal Face, LED, 3 - 12" Sections | 1,186.21 | 275.48 |
| 34 41 13 00-0024 | EA | Vehicle Signal Face, LED, 3 - 12" Sections, Middle Section Blank | 1,126.66 | 275.48 |
| 34 41 13 00-0025 | EA | Vehicle Signal Face, LED, 4 - 12" Sections | 1,506.91 | 306.78 |
| 34 41 13 00-0026 | EA | Vehicle Signal Face, LED, 5 - 12" Sections | 1,802.55 | 325.57 |
| 34 41 13 00-0027 | EA | Vehicle Signal Face, LED, 5 - 12" Sections, Cluster | 1,917.69 | 325.57 |
| 34 41 13 00-0028 | EA | Vehicle Signal Face, LED, 1 - 8" Section | 490.04 | 159.65 |
| 34 41 13 00-0029 | EA | Vehicle Signal Face, LED, 2 - 8" Sections | 786.28 | 225.39 |
| 34 41 13 00-0030 | EA | Vehicle Signal Face, LED, 3 - 8" Sections | 1,041.29 | 275.48 |
| 34 41 13 00-0031 | EA | Vehicle Signal Face, LED, 2 - 8" Sections, 1 - 12" Section | 1,114.75 | 275.48 |
| 34 41 13 00-0032 | EA | Vehicle Signal Face, LED, 2 - 8" Sections, 2 - 12" Sections | 1,379.86 | 306.78 |
| 34 41 13 00-0033 | EA | Vehicle Signal Face, LED, 3 - 8" Sections, 1 - 12" Section | 1,338.17 | 306.78 |
| 34 41 13 00-0034 | EA | Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections | 1,584.17 | 325.57 |
| 34 41 13 00-0035 | EA | Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections In Cluster | 1,677.48 | 325.57 |
| 34 41 13 00-0036 | EA | Vehicle Signal Face, LED, 3 - 12" Sections, Optically Programmed | 2,417.04 | 275.48 |
| 34 41 13 00-0037 | EA | Vehicle Signal Face, LED, 4 - 12" Sections, Optically Programmed | 3,160.58 | 306.78 |
| 34 41 13 00-0038 | EA | Vehicle Signal Face, LED, 5 - 12" Sections, Optically Programmed | 4,125.23 | 325.57 |
| 34 41 13 00-0039 | EA | Vehicle Signal Face, LED, 5 - 12" Sections In Cluster, Optically Programmed | 4,472.64 | 325.57 |
| 34 41 13 00-0040 | EA | Bracket Signal Mounting Assembly | 500.57 | 125.22 |
| 34 41 13 00-0041 | EA | Mast Arm Signal Mounting Assembly | 886.00 | 250.43 |
| 34 41 13 00-0042 | EA | Top Pole Signal Mounting Assembly | 310.91 | 93.91 |
| 34 41 13 00-0043 | EA | Pedestrian Signal Head | 911.65 | 187.83 |
| 34 41 13 00-0044 | EA | Pedestrian Signal Insert | 563.03 | 93.91 |
| 34 41 13 00-0045 | EA | Audible Pedestrian Signal | 1,061.23 | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 34 41 13 00-0046 | EA | Junction Box, Pole Or Post Mounted | 409.32 | |
| 34 41 13 00-0047 | EA | Pedestrian Push Button | 385.54 | |
| 34 41 13 00-0048 | EA | Illuminated Sign, Bracket Mounted, Symbolic | 2,884.17 | |
| 34 41 13 00-0049 | EA | Illuminated Sign, Mast Arm Mounted, Symbolic | 3,023.69 | |
| 34 41 13 00-0050 | EA | Sign, Message, "BLANK OUT", Bracket Mounted | 3,155.30 | |
| 34 41 13 00-0051 | EA | Sign, Message, "BLANK OUT", Mast Arm Mounted | 3,364.33 | |
| 34 41 13 00-0052 | EA | Sign, Fiber Optic, Bracket Mounted | 3,565.99 | |
| 34 41 13 00-0053 | EA | Sign, Fiber Optic, Mast Arm Mounted | 3,779.49 | |
| 34 41 13 00-0054 | EA | 16' Pedestal With Base Plate And Cover | 1,574.68 | 167.81 |
| 34 41 13 00-0055 | EA | 15' Steel Straight Mast Arm, MONOTUBE | 2,350.93 | |
| 34 41 13 00-0056 | EA | 20' Steel Straight Mast Arm, MONOTUBE | 2,472.28 | |
| 34 41 13 00-0057 | EA | 25' Steel Straight Mast Arm, MONOTUBE | 2,635.88 | |
| 34 41 13 00-0058 | EA | 30' Steel Straight Mast Arm, MONOTUBE | 3,481.77 | |
| 34 41 13 00-0059 | EA | 35' Steel Straight Mast Arm, MONOTUBE | 4,158.32 | |
| 34 41 13 00-0060 | EA | 40' Steel Straight Mast Arm, MONOTUBE | 4,454.05 | |
| 34 41 13 00-0061 | EA | 45' Steel Straight Mast Arm, MONOTUBE | 4,911.39 | |
| 34 41 13 00-0062 | EA | 4' Steel Curved Luminaire Mast Arm | 817.60 | |
| 34 41 13 00-0063 | EA | 6' Steel Curved Luminaire Mast Arm | 1,058.16 | |
| | | *For High Rise Arm, Add* | *79.84* | |
| 34 41 13 00-0064 | EA | 8' Steel Curved Luminaire Mast Arm | 1,323.77 | |
| 34 41 13 00-0065 | EA | 10' Steel Curved Luminaire Mast Arm | 1,857.00 | |
| | | *For High Rise Arm, Add* | *117.52* | |
| 34 41 13 00-0066 | EA | 12' Steel Curved Luminaire Mast Arm | 2,032.16 | |
| | | *For High Rise Arm, Add* | *138.60* | |
| 34 41 13 00-0067 | EA | 15' Steel Curved Luminaire Mast Arm | 2,103.97 | |
| | | *For High Rise Arm, Add* | *154.57* | |
| 34 41 13 00-0068 | EA | 15' Tubular Aluminum Post | 874.25 | |
| 34 41 13 00-0069 | EA | 17' Tubular Aluminum Post | 936.15 | |
| 34 41 13 00-0070 | EA | 20' Tubular Aluminum Post | 1,045.86 | |
| 34 41 13 00-0071 | EA | CUT-OFF POLE AND CAPPED | 164.01 | |
| 34 41 13 00-0072 | EA | PAINT EXISTING SL/TS CONTROLLER COMPLETE | 48.46 | |
| 34 41 13 00-0073 | EA | PAINT EXISTING TS POST COMPLETE | 232.52 | |
| 34 41 13 00-0074 | EA | 1 Channel Loop Detector Amplifier | 1,181.15 | |
| 34 41 13 00-0075 | EA | 4 Channel Loop Detector Amplifier | 2,197.81 | |
| 34 41 13 00-0076 | LF | Loop Detector<br>Note: Includes saw cutting, sealing and splicing into leads in street. | 6.56 | |
| 34 41 13 00-0077 | EA | FLASHING BEACON WITH DOWNLIGHT | 1,822.31 | |
| 34 41 13 00-0078 | EA | Flashing Beacon, Bracket Mounted | 682.85 | |
| 34 41 13 00-0079 | EA | Flashing Beacon, Mast Arm Mounted | 682.85 | |
| 34 41 13 00-0080 | EA | Flashing Beacon, Solar Powered, Bracket Mounted | 15,339.29 | |

## 34 41 13 00-0081 Traffic Signal Cable *(34 41 13)*

| | | | | |
|---|---|---|---|---|
| 34 41 13 00-0082 | LF | 16 AWG, 2-Conductor, Solid, Traffic Signal Cable | 1.96 | 0.87 |
| 34 41 13 00-0083 | LF | 16 AWG, 3-Conductor, Solid, Traffic Signal Cable | 2.18 | 0.93 |
| 34 41 13 00-0084 | LF | 16 AWG, 4-Conductor, Solid, Traffic Signal Cable | 2.41 | 0.99 |
| 34 41 13 00-0085 | LF | 16 AWG, 5-Conductor, Solid, Traffic Signal Cable | 2.61 | 1.06 |
| 34 41 13 00-0086 | LF | 16 AWG, 6-Conductor, Solid, Traffic Signal Cable | 2.86 | 1.12 |
| 34 41 13 00-0087 | LF | 16 AWG, 8-Conductor, Solid, Traffic Signal Cable | 3.29 | 1.24 |
| 34 41 13 00-0088 | LF | 16 AWG, 10-Conductor, Solid, Traffic Signal Cable | 3.88 | 1.43 |
| 34 41 13 00-0089 | LF | 16 AWG, 12-Conductor, Solid, Traffic Signal Cable | 4.44 | 1.61 |
| 34 41 13 00-0090 | LF | 16 AWG, 16-Conductor, Solid, Traffic Signal Cable | 5.21 | 1.80 |
| 34 41 13 00-0091 | LF | 16 AWG, 20-Conductor, Solid, Traffic Signal Cable | 6.11 | 1.99 |
| 34 41 13 00-0092 | LF | 14 AWG, 2-Conductor, Solid, Traffic Signal Cable | 2.02 | 0.87 |
| 34 41 13 00-0093 | LF | 14 AWG, 3-Conductor, Solid, Traffic Signal Cable | 2.27 | 0.93 |
| 34 41 13 00-0094 | LF | 14 AWG, 4-Conductor, Solid, Traffic Signal Cable | 2.51 | 0.99 |
| 34 41 13 00-0095 | LF | 14 AWG, 5-Conductor, Solid, Traffic Signal Cable | 2.73 | 1.06 |
| 34 41 13 00-0096 | LF | 14 AWG, 6-Conductor, Solid, Traffic Signal Cable | 3.02 | 1.12 |
| 34 41 13 00-0097 | LF | 14 AWG, 8-Conductor, Solid, Traffic Signal Cable | 3.50 | 1.24 |
| 34 41 13 00-0098 | LF | 14 AWG, 10-Conductor, Solid, Traffic Signal Cable | 4.13 | 1.43 |
| 34 41 13 00-0099 | LF | 14 AWG, 12-Conductor, Solid, Traffic Signal Cable | 4.74 | 1.61 |
| 34 41 13 00-0100 | LF | 14 AWG, 16-Conductor, Solid, Traffic Signal Cable | 5.61 | 1.80 |
| 34 41 13 00-0101 | LF | 14 AWG, 20-Conductor, Solid, Traffic Signal Cable | 6.65 | 1.99 |
| 34 41 13 00-0102 | LF | 12 AWG, 2-Conductor, Solid, Traffic Signal Cable | 2.15 | 0.87 |
| 34 41 13 00-0103 | LF | 12 AWG, 3-Conductor, Solid, Traffic Signal Cable | 2.46 | 0.93 |
| 34 41 13 00-0104 | LF | 12 AWG, 4-Conductor, Solid, Traffic Signal Cable | 2.76 | 0.99 |
| 34 41 13 00-0105 | LF | 12 AWG, 5-Conductor, Solid, Traffic Signal Cable | 3.03 | 1.06 |
| 34 41 13 00-0106 | LF | 12 AWG, 6-Conductor, Solid, Traffic Signal Cable | 3.39 | 1.12 |
| 34 41 13 00-0107 | LF | 12 AWG, 8-Conductor, Solid, Traffic Signal Cable | 3.98 | 1.24 |
| 34 41 13 00-0108 | LF | 12 AWG, 10-Conductor, Solid, Traffic Signal Cable | 4.73 | 1.43 |
| 34 41 13 00-0109 | LF | 12 AWG, 12-Conductor, Solid, Traffic Signal Cable | 5.46 | 1.61 |
| 34 41 13 00-0110 | LF | 12 AWG, 16-Conductor, Solid, Traffic Signal Cable | 6.57 | 1.80 |
| 34 41 13 00-0111 | LF | 12 AWG, 20-Conductor, Solid, Traffic Signal Cable | 7.92 | 1.99 |

## 34 41 13 00-0112 School Zone Flasher Beacons *(34 41 13)*

| | | | | |
|---|---|---|---|---|
| 34 41 13 00-0113 | EA | One 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly<br>Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher. | 5,280.32 | 187.13 |
| 34 41 13 00-0114 | EA | One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly<br>Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher. | 5,318.03 | 187.13 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 34 41 13 00-0115 | EA | Two 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly<br>Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher. | 5,958.30 | 187.13 |
| 34 41 13 00-0116 | EA | Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly<br>Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher. | 6,078.99 | 187.13 |
| 34 41 13 00-0117 | EA | 10" Digit Radar Display, One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly<br>Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 80 Watt tilted solar panel, solar regulator, and solid state flasher. | 11,175.88 | 187.13 |
| 34 41 13 00-0118 | EA | 10" Digit Radar Display, Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly<br>Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher. | 11,648.82 | 187.13 |

### 34 41 16 Traffic Control Equipment *(34 41)*

#### 34 41 16 00-0001 Transportation Control Equipment *(34 41 16)*

| | | | | |
|---|---|---|---|---|
| 34 41 16 00-0002 | EA | CONTROLLER/SL/POLE MTD/1-PHASE/100A | 7,531.71 | 865.50 |
| 34 41 16 00-0003 | EA | CONTROLLER/SL/ON EMB POLE 1-PH/100A | 7,631.42 | 915.33 |
| 34 41 16 00-0004 | EA | CONTROLLER, SL, 3-PHASE, 100A, BASE MTD | 9,222.92 | 926.11 |
| 34 41 16 00-0005 | EA | CONTROLLER, SL, 3-PHASE, 200A, BASE MTD | 10,973.51 | 1,124.45 |
| 34 41 16 00-0006 | EA | CONTROLLER/SL/BASE MTD/1-PHASE/100A | 8,869.62 | 554.71 |
| 34 41 16 00-0007 | EA | CONTROLLER/SL/BASE MTD/1-PHASE/200A | 9,830.66 | 607.31 |
| 34 41 16 00-0008 | EA | CONTROLLER, TS, 12-BAY, "M" CABINET | 16,173.86 | 954.78 |
| 34 41 16 00-0009 | EA | CONTROLLER, TS, 12-BAY, "P" CABINET | 17,232.07 | 1,058.08 |
| 34 41 16 00-0010 | EA | CONTROLLER, TS, 12-BAY "P" CABINET With FO MASTER | 24,520.72 | 1,189.57 |
| 34 41 16 00-0011 | EA | CONTROLLER, TS, 16-BAY, "P" CABINET | 19,498.80 | 1,126.95 |
| 34 41 16 00-0012 | EA | CONTROLLER, PEDESTRIAN CROSSING, ADD-IN | 615.87 | 132.35 |
| 34 41 16 00-0013 | EA | CONCRETE BLOCK PEDESTAL | 714.73 | 198.72 |
| 34 41 16 00-0014 | WK | MAINTAIN EXIST TS INSTALLATION | 305.50 | 152.74 |
| 34 41 16 00-0015 | EA | INST SIGN BOARDS, ST. NAME | 548.82 | 262.08 |
| 34 41 16 00-0016 | EA | F.O. ADD-IN FOR LOCAL CONTROLLER | 8,138.85 | 343.96 |
| 34 41 16 00-0017 | EA | F.O. ADD-IN FOR MASTER CONTROLLER | 19,554.39 | 516.08 |
| 34 41 16 00-0018 | EA | 24" x 24" x 42" NEMA 3R, 12 Gauge Pad Mounted, Powered Coated Cabinet With 50 Amperes, 120/240 Volt, Single Phase Service<br>Note: Per Skyline drawing 62947, 3-wire with 6 circuits, stainless hinges, best core, 2 each 20A and 2 each 15A breakers. | 4,089.19 | 124.76 |
| 34 41 16 00-0019 | EA | 22" x 17" x 12", WSDOT Type 1, H-20 Rated, Steel Frame, Diamond Plate Locking Cover, Concrete Traffic Signal Box | 442.01 | 116.84 |
| 34 41 16 00-0020 | EA | 33" x 22-1/2" x 12", WSDOT Type 2, H-20 Rated, Steel Frame, Diamond Plate Locking Cover, Concrete Traffic Signal Box | 627.58 | 90.72 |
| 34 41 16 00-0021 | EA | 48" x 36" x 15", WSDOT Type 8, H-20 Rated, Steel Frame, Dual Diamond Plate Locking Covers, Concrete Traffic Signal Box | 1,798.80 | 123.71 |
| 34 41 16 00-0022 | EA | PDU Equipped netBooter With IEC320 C13 Outlets (Synaccess NP-0808DUH) | 936.51 | 14.32 |
| 34 41 16 00-0023 | EA | Remote Power Switched netBooter PDU, 8 Independent Outlets (Synaccess NP-0801DU) | 531.83 | 14.32 |

## 34 70 Transportation Construction and Equipment *(34)*

### 34 71 Roadway Construction *(34 70)*

### 34 71 13 Vehicle Barriers *(34 71)*

#### 34 71 13 13 Vehicle Median Barriers *(34 71 13)*

#### 34 71 13 13-0001 Concrete Median Barrier *(34 71 13 13)*

| | | | | |
|---|---|---|---|---|
| 34 71 13 13-0002 | LF | Median Barrier, Precast, 42" High Single Face | 60.63 | 3.44 |
| 34 71 13 13-0003 | LF | Median Barrier, Precast, 32" High, 2' Wide Base, Double Face | 100.44 | 3.44 |
| 34 71 13 13-0004 | LF | Median Barrier, Precast, 42" High, 2' Wide Base, Double Face | 141.74 | 3.44 |
| 34 71 13 13-0005 | LF | Median Barrier, Cast In Place With Steel Forms | 39.90 | 4.81 |
| 34 71 13 13-0006 | LF | Median Barrier, Slipformed Concrete | 34.83 | 2.87 |

#### 34 71 13 16 Vehicle Crash Barriers *(34 71 13)*

#### 34 71 13 16-0001 Impact Barrier, Non-Redirective *(34 71 13 16)*

#### 34 71 13 16-0002 Sand Barrel Impact Attenuator *(34 71 13 16-0001)*

Note: Includes containers, inserts, and lid. Excludes sand.

| | | | | |
|---|---|---|---|---|
| 34 71 13 16-0003 | EA | 200, 400 Or 700 LB Sand Barrel<br>Note: Includes containers, inserts, and lid. | 607.33 | 39.63 |

#### 34 71 13 16-0004 Sand For Sand Barrel Impact Attenuator *(34 71 13 16-0001)*

| | | | | |
|---|---|---|---|---|
| 34 71 13 16-0005 | LB | Sand for Sand Barrels | 0.08 | |

#### 34 71 13 26 Vehicle Guide Rails *(34 71 13)*

#### 34 71 13 26-0001 Mobilize Guide Rail Crew *(34 71 13 26)*

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0002 | EA | Mobilize Guide Rail Crew<br>Note: Excludes equipment mobilization. | 1,047.32 | |

#### 34 71 13 26-0003 Corrugated Beam Guide Rail *(34 71 13 26)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **34 71 13 26-0004** | | **Corrugated Beam Guide Railing** *(34 71 13 26-0003)* | | |
| **34 71 13 26-0005** | | **Corrugated Beam Guide Railing. Straight Sections** *(34 71 13 26-0004)* | | |
| | | Note: Add additional length for back-up sections. | | |
| 34 71 13 26-0006 | LF | Corrugated Beam Guide Railing | 16.13 | 1.87 |
| 34 71 13 26-0007 | LF | Corrugated Beam Guide Railing (Rustic) | 17.42 | 1.87 |
| **34 71 13 26-0008** | | **Corrugated Beam Guide Railing, Shop Curved** *(34 71 13 26-0004)* | | |
| | | Note: Add additional length for back-up sections. | | |
| 34 71 13 26-0009 | LF | Shop Curved Corrugated Beam Guide Railing | 21.18 | 1.87 |
| 34 71 13 26-0010 | LF | Shop Curved Corrugated Beam Guide Railing (Rustic) | 22.96 | 1.87 |
| 34 71 13 26-0011 | LF | Shop Curved Corrugated Beam Guide Railing End | 54.84 | 1.87 |
| | | Note: Treatment for mall barriers driveways, walkways, special end, etc. | | |
| 34 71 13 26-0012 | LF | Shop Curved Corrugated Beam Guide Railing (Rustic) End | 59.87 | 1.87 |
| | | Note: Treatment for mall barriers shop curved corrugated beam guide railing end etc. | | |
| **34 71 13 26-0013** | | **Corrugated Beam Guide Railing, Manufactured End Sections** *(34 71 13 26-0003)* | | |
| 34 71 13 26-0014 | EA | Corrugated Beam Guide Railing End Section At Anchor Unit | 119.89 | 24.69 |
| 34 71 13 26-0015 | EA | Corrugated Beam Guide Railing End Section (Rustic) At Anchor Unit | 126.77 | 24.69 |
| 34 71 13 26-0016 | EA | Corrugated Beam Guide Railing Flared Or 180 Degree End Section | 161.13 | 24.69 |
| 34 71 13 26-0017 | EA | Corrugated Beam Guide Railing Flared Or 180 Degree End Section (Rustic) | 168.01 | 24.69 |
| 34 71 13 26-0018 | EA | Corrugated Beam Guide Railing 225 Degree End Section | 161.13 | 24.69 |
| 34 71 13 26-0019 | EA | Corrugated Beam Guide Railing 225 Degree End Section (Rustic) | 168.01 | 24.69 |
| **34 71 13 26-0020** | | **Corrugated Beam Guide Rail Posts** *(34 71 13 26-0003)* | | |
| | | Note: Includes mounting hardware. | | |
| 34 71 13 26-0021 | EA | Standard Post For Corrugated Beam Guide Rail | 128.32 | 13.75 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *3.67* | |
| 34 71 13 26-0022 | EA | Standard Post For (Rustic) Corrugated Beam Guide Rail | 135.19 | 13.75 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *3.67* | |
| 34 71 13 26-0023 | EA | Extra Long Post For Corrugated Beam Guide Rail | 142.06 | 13.75 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *3.67* | |
| 34 71 13 26-0024 | EA | Extra Long Post (Rustic) for Corrugated Beam Guide Rail | 148.94 | 13.75 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *3.67* | |
| 34 71 13 26-0025 | EA | 6B8-1/2" or Mall Barrier Post for Corrugated Beam Guide Rail | 128.32 | 13.75 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *3.67* | |
| 34 71 13 26-0026 | EA | Post Struts for Corrugated Beam Guide Rail Mall Barrier Post | 183.31 | 13.75 |
| | | *For Installation In Rock, Add* | *3.67* | |
| **34 71 13 26-0027** | | **Heavy Post Blocked Out Corrugated Beam Guide Rail Posts** *(34 71 13 26-0003)* | | |
| | | Note: Includes mounting hardware. Excludes triangular mounting brackets. | | |
| 34 71 13 26-0028 | EA | Standard Post For Heavy Post Blocked Out Corrugated Beam Guide | 128.32 | 13.75 |
| 34 71 13 26-0029 | EA | Standard Rustic Post For Heavy Post Blocked Out Corrugated Beam Guide | 135.19 | 13.75 |
| 34 71 13 26-0030 | EA | Extra Long Post for Heavy Post Blocked Out Corrugated Beam Guide | 142.06 | 13.75 |
| 34 71 13 26-0031 | EA | Extra Long Post (Rustic) For heavy post blocked out corrugated beam guide rail | 148.94 | 13.75 |
| | | Note: For heavy post blocked out corrugated beam guide (rustic) | | |
| 34 71 13 26-0032 | EA | Type A Post 1630mm Post | 124.88 | 13.75 |
| | | Note: For heavy post blocked out corrugated beam guide rail | | |
| 34 71 13 26-0033 | EA | Type A Post 1630mm Post (Rustic) | 131.75 | 13.75 |
| | | Note: For heavy post blocked out corrugated beam guide rail | | |
| 34 71 13 26-0034 | EA | Type B Post 1460mm | 118.01 | 13.75 |
| | | Note: For heavy post blocked out corrugated beam guide rail | | |
| 34 71 13 26-0035 | EA | Type B Post 1460mm (Rustic) | 124.88 | 13.75 |
| | | Note: For heavy post blocked out corrugated beam guide rail | | |
| 34 71 13 26-0036 | EA | Type C Post 1290mm | 111.13 | 13.75 |
| | | Note: For heavy post blocked out corrugated beam guide rail | | |
| 34 71 13 26-0037 | EA | Type C Post 1290mm (Rustic) | 118.01 | 13.75 |
| | | Note: For heavy post blocked out corrugated beam guide rail | | |
| 34 71 13 26-0038 | EA | Breakaway Wood Or Steel Post In Steel Foundation Tube | 473.10 | 13.75 |
| 34 71 13 26-0039 | EA | Wood, Metal, Plastic Or Composite Offset Block Or Beam | 52.71 | 13.75 |
| | | Note: For heavy post blocked out corrugated beam guide rail. | | |
| **34 71 13 26-0040** | | **Corrugated Beam Guide Rail Accessories** *(34 71 13 26-0003)* | | |
| 34 71 13 26-0041 | EA | Triangular Mounting Brackets (Galvanized Or Rustic) For All Post Types A, B And C | 106.15 | 28.06 |
| **34 71 13 26-0042** | | **Corrugated Beam Guide Rail Repair for Existing Guide Rail** *(34 71 13 26-0003)* | | |
| | | Note: Includes associated hardware. | | |
| 34 71 13 26-0043 | LF | Removal And Storage Of Corrugated Beam Guide Railing And Post | 10.96 | |
| 34 71 13 26-0044 | EA | Install Stored Post For Corrugated Beam Guide Rail | 37.41 | |
| 34 71 13 26-0045 | LF | Install Stored Corrugated Beam Guide Railing And Post | 6.36 | |
| **34 71 13 26-0046** | | **Corrugated Thrie Beam Guide Railing** *(34 71 13 26-0003)* | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **34 71 13 26-0047** | | **Corrugated Thrie Beam Guide Railing. Straight Sections** *(34 71 13 26-0046)* | | |
| | | Note: Add additional length for back-up sections. | | |
| 34 71 13 26-0048 | LF | Corrugated Thrie Beam Guide Railing | 38.23 | 2.35 |
| 34 71 13 26-0049 | LF | Corrugated Thrie Beam Guide Railing (Rustic) | 40.33 | 2.35 |
| **34 71 13 26-0050** | | **Corrugated Thrie Beam Guide Railing. Shop Curved** *(34 71 13 26-0046)* | | |
| | | Note: Add additional length for back-up sections. | | |
| 34 71 13 26-0051 | LF | Shop Curved Corrugated Thrie Beam Guide Railing | 46.61 | 2.35 |
| 34 71 13 26-0052 | LF | Shop Curved Corrugated Thrie Beam Guide Railing (Rustic) | 48.71 | 2.35 |
| **34 71 13 26-0053** | | **Corrugated Thrie Beam Guide Rail Posts** *(34 71 13 26-0046)* | | |
| | | Note: Includes hardware for mounting. | | |
| 34 71 13 26-0054 | EA | Standard Post For Corrugated Thrie Beam Guide Rail | 154.36 | 2.35 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For 32" Soil Plate, Add* | *7.00* | |
| 34 71 13 26-0055 | EA | Standard Post (Rustic) For Corrugated Thrie Beam Guide Rail | 161.23 | 2.35 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For 32" Soil Plate, Add* | *7.00* | |
| **34 71 13 26-0056** | | **Timber Guide Rails** *(34 71 13 26)* | | |
| | | Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete. | | |
| **34 71 13 26-0057** | | **Timber Guide Rail Posts** *(34 71 13 26-0056)* | | |
| 34 71 13 26-0058 | EA | 6" x 8" Timber Guide Rail Post | 98.04 | 9.35 |
| 34 71 13 26-0059 | EA | 6" x 9" Timber Guide Rail Post | 112.40 | 9.35 |
| 34 71 13 26-0060 | EA | 10" x 10" Timber Guide Rail Post | 224.90 | 9.35 |
| 34 71 13 26-0061 | EA | 10" x 12" Timber Guide Rail Post | 238.32 | 9.35 |
| 34 71 13 26-0062 | EA | 12" x 12" Timber Guide Rail Post | 276.57 | 9.35 |
| **34 71 13 26-0063** | | **Timber Guide Rails** *(34 71 13 26-0056)* | | |
| | | Note: Excludes posts, spacer blocks and steel backup plates. | | |
| 34 71 13 26-0064 | LF | 4" x 9" Timber Guide Rail | 12.18 | 1.12 |
| 34 71 13 26-0065 | LF | 6" x 10" Timber Guide Rail | 17.35 | 1.12 |
| 34 71 13 26-0066 | LF | 6" x 12" Timber Guide Rail | 20.38 | 1.12 |
| **34 71 13 26-0067** | | **Spacer Blocks For Timber Guide Rails** *(34 71 13 26-0056)* | | |
| 34 71 13 26-0068 | EA | 4" x 9" Spacer Block For Timber Guide Rails | 15.85 | 1.50 |
| 34 71 13 26-0069 | EA | 6" x 8" Spacer Block For Timber Guide Rails | 18.33 | 1.50 |
| 34 71 13 26-0070 | EA | 8" x 8" Spacer Block For Timber Guide Rails | 21.49 | 1.50 |
| **34 71 13 26-0071** | | **Weathering Steel Backup Plates For Timber Guide Rails** *(34 71 13 26-0056)* | | |
| 34 71 13 26-0072 | LF | 6" High, Weathering Steel Backup Plate For Timber Guide Rails | 22.57 | 0.93 |
| **34 71 13 26-0073** | | **Weathering Steel Splice And Bearing Plates For Timber Guide Rails** *(34 71 13 26-0056)* | | |
| 34 71 13 26-0074 | EA | Weathering Steel Splice Plate For Timber Guide Rails | 154.08 | 13.09 |
| 34 71 13 26-0075 | EA | Weathering Steel Bearing Termination Plate For Timber Guide Rails | 96.13 | 9.35 |
| **34 71 13 26-0076** | | **Cable Guide Rail** *(34 71 13 26)* | | |
| **34 71 13 26-0077** | | **Cable Guide Rail** *(34 71 13 26-0076)* | | |
| 34 71 13 26-0078 | LF | Cable (Each Cable) | 8.55 | 2.01 |
| | | Note: Includes tensioning. Excludes splices. | | |
| 34 71 13 26-0079 | EA | Cable Splice With Wedges | 224.91 | 14.02 |
| **34 71 13 26-0080** | | **Cable Guide Rail Posts** *(34 71 13 26-0076)* | | |
| | | Note: Includes hardware for cable mounting. | | |
| 34 71 13 26-0081 | EA | Standard Post for Cable Guide Rail | 164.23 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0082 | EA | Standard Post (Rustic) for Cable Guide Rail | 171.11 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0083 | EA | Extra Long Post for Cable Guide Rail | 171.11 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0084 | EA | Extra Long Post (Rustic) for Cable Guide Rail | 177.98 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0085 | EA | Slip Impact Post Top for Anchor Unit | 106.93 | 18.34 |
| 34 71 13 26-0086 | EA | Slip Impact Post Base and Keeper Plate | 278.77 | 18.34 |
| | | Note: For anchor unit. | | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **34 71 13 26-0087** | | **Cable Guide Rail Accessories For Breakaway Anchor Angle Systems** *(34 71 13 26-0076)* | | |
| 34 71 13 26-0088 | EA | Turnbuckle Cable End Assembly For Use With Breakaway Anchors | 483.56 | 187.40 |
| 34 71 13 26-0089 | EA | Turnbuckle Cable End Assembly | 149.96 | 9.37 |
| 34 71 13 26-0090 | EA | Spring Cable End Assembly (Compensating Device) For Use With Breakaway Anchors | 487.36 | 4.65 |
| 34 71 13 26-0091 | EA | Spring Cable End Assembly (Compensating Device) Without Turnbuckle | 501.11 | 4.65 |
| 34 71 13 26-0092 | EA | Breakaway Anchor Angle | 191.20 | 9.37 |
| 34 71 13 26-0093 | EA | Standard End Post Cap Assembly | 88.69 | 4.65 |
| 34 71 13 26-0094 | EA | Driveway End Post Cap Assembly | 74.95 | 4.65 |
| 34 71 13 26-0095 | EA | End Post Ground Support Plates | 40.58 | 4.65 |
| 34 71 13 26-0096 | EA | 11" Stud Bolt, Cable Guide Rail | 35.42 | 4.65 |
| 34 71 13 26-0097 | EA | 18" Stud Bolt, Cable Guide Rail | 42.30 | 4.65 |
| 34 71 13 26-0098 | EA | 25" Stud Bolt, Cable Guide Rail | 49.17 | 4.65 |
| 34 71 13 26-0099 | EA | 1-1/4" Diameter Turnbuckle, Cable Guide Rail | 424.91 | 9.37 |
| 34 71 13 26-0100 | EA | 1-1/2" Diameter Turnbuckle, Cable Guide Rail | 452.40 | 9.37 |
| 34 71 13 26-0101 | EA | 5/8" Diameter Turnbuckle With 12" Take-up And Shackle Ends, Cable Guide Rail | 301.18 | 9.37 |
| 34 71 13 26-0102 | EA | 5/8" Eye Bolt 18" Long, Cable Guide Rail | 184.92 | 4.65 |
| 34 71 13 26-0103 | EA | 3/4" Eye Bolt 8'-6" Long, Cable Guide Rail | 191.20 | 9.37 |
| 34 71 13 26-0104 | EA | 1-5/8" Anchor Rod 10' Long With Plate, Cable Guide Rail | 204.29 | 14.02 |
| **34 71 13 26-0105** | | **Cable Guide Rail Accessories For Slip Impact Post Systems** *(34 71 13 26-0076)* | | |
| 34 71 13 26-0106 | EA | Turnbuckle Cable End Assembly<br>Note: For use with slip impact post. | 343.48 | 15.31 |
| 34 71 13 26-0107 | EA | Spring Cable End Assembly (Compensating Device)<br>Note: For use with slip impact post. | 673.41 | 15.31 |
| 34 71 13 26-0108 | EA | Anchor Angle For Slip Impact Post System | 199.13 | 15.31 |
| 34 71 13 26-0109 | EA | Cable End Assembly Rod<br>Note: Includes cable end, threaded rod and keeper to anchor angle. | 164.77 | 15.31 |
| **34 71 13 26-0110** | | **Cable Guide Rail Repair For Existing Guide Rail** *(34 71 13 26-0076)*<br>Note: Includes associated hardware. | | |
| 34 71 13 26-0111 | LF | Retention Existing Cable (Each Cable) | 1.25 | |
| 34 71 13 26-0112 | LF | Removal And Storage Of Cable Guide Railing | 7.53 | |
| 34 71 13 26-0113 | EA | Install Stored Post For Cable Guide Railing | 61.13 | |
| 34 71 13 26-0114 | LF | Install Stored Cable, (Each Cable)<br>Note: Includes retensioning. Excludes splices. | 3.33 | |
| **34 71 13 26-0115** | | **6" x 6" Box Beam Guide Rail** *(34 71 13 26)* | | |
| **34 71 13 26-0116** | | **Box Beam Guide Rail, 6" x 6"** *(34 71 13 26-0115)* | | |
| **34 71 13 26-0117** | | **Straight Sections, Box Beam Guide Rail** *(34 71 13 26-0116)* | | |
| 34 71 13 26-0118 | LF | Box Beam Guide Railing 6" x 6" x 3/16" Galvanized<br>Note: Excludes splices. | 46.09 | 2.35 |
| | | *For Flush Mounting Directly To Structure, Add* | *1.83* | |
| 34 71 13 26-0119 | LF | Box Beam Guide Railing 6" x 6" x 3/16" (Rustic)<br>Note: Excludes splices. | 52.37 | 2.35 |
| | | *For Flush Mounting Directly To Structure, Add* | *1.83* | |
| **34 71 13 26-0120** | | **Shop Curved, Box Beam Guide Rail** *(34 71 13 26-0116)* | | |
| 34 71 13 26-0121 | LF | Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" Galvanized<br>Note: Excludes splices. | 70.18 | 2.35 |
| | | *For Shop Curved At <20' Radius, Add* | *2.44* | |
| | | *For Flush Mounting Directly To Structure, Add* | *1.83* | |
| 34 71 13 26-0122 | LF | Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" (Rustic)<br>Note: Excludes splices. | 76.47 | 2.35 |
| | | *For Shop Curved At <20' Radius, Add* | *2.44* | |
| | | *For Flush Mounting Directly To Structure, Add* | *1.83* | |
| **34 71 13 26-0123** | | **Box Beam Guide Rail End Treatment Sections** *(34 71 13 26-0115)*<br>Note: Includes rail, end cover plate and hardware only. Excludes posts and splice. | | |
| 34 71 13 26-0124 | EA | Box Beam End Piece Guide Railing Section<br>Note: Galvanized excludes splices. | 724.77 | 28.06 |
| 34 71 13 26-0125 | EA | Box Beam End Piece Guide Railing Section (Rustic)<br>Note: Excludes splices. | 800.38 | 28.06 |
| 34 71 13 26-0126 | EA | Box Beam Guide Railing End Treatment Section At Driveway, Galvanized<br>Note: Excludes splices. | 683.53 | 28.06 |
| 34 71 13 26-0127 | EA | Box Beam Guide Railing End Treatment Section At Driveway, (Rustic)<br>Note: Excludes splices. | 711.02 | 28.06 |
| **34 71 13 26-0128** | | **Splices For Box Beam Guide Rail** *(34 71 13 26-0115)* | | |
| 34 71 13 26-0129 | EA | Splice For Box Beam Guide Rail | 186.39 | 41.64 |
| 34 71 13 26-0130 | EA | Splice For Box Beam Guide Rail (Rustic) | 234.51 | 41.64 |
| **34 71 13 26-0131** | | **Box Beam Guide Rail Posts** *(34 71 13 26-0115)*<br>Note: Includes hardware for box beam mounting. | | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 34 71 13 26-0132 | EA | Standard Post For Box Beam Guide Rail | 171.11 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0133 | EA | Standard Post (Rustic) for Box Beam Guide Railing | 177.98 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0134 | EA | Extra Long Post For Box Beam Guide Rail | 184.85 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0135 | EA | Extra Long Post (Rustic) For Box Beam Guide Rail | 191.73 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0136 | EA | Type I End Assembly Post | 164.23 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0137 | EA | Type I End Assembly Post (Rustic) | 171.11 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0138 | EA | Type II End Assembly Post | 157.36 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0139 | EA | Type II End Assembly Post (Rustic) | 164.23 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| **34 71 13 26-0140** | | **Box Beam Guide Rail Accessories** *(34 71 13 26-0115)* | | |
| 34 71 13 26-0141 | EA | Box Beam Guide Rail End Cover Plate | 93.70 | 8.42 |
| 34 71 13 26-0142 | EA | Box Beam Guide Rail End Cover Plate (Rustic) | 100.58 | 8.42 |
| **34 71 13 26-0143** | | **Box Beam Guide Railing Repair, And Resetting** *(34 71 13 26-0115)* | | |
| | | Note: For existing guide rail. | | |
| 34 71 13 26-0144 | LF | Removal And Storage Of Box Beam Guide Rail And Post | 3.69 | |
| 34 71 13 26-0145 | LF | Reset Box Beam Guide Rail | 10.78 | |
| **34 71 13 26-0146** | | **6" x 8" Box Beam Median Barrier** *(34 71 13 26)* | | |
| **34 71 13 26-0147** | | **Box Beam Median Barrier, 6" x 8"** *(34 71 13 26-0146)* | | |
| **34 71 13 26-0148** | | **Straight Sections, Box Beam Median Barrier** *(34 71 13 26-0147)* | | |
| 34 71 13 26-0149 | LF | Box Beam Median Barrier Galvanized Excludes Splices | 77.21 | 8.42 |
| | | *For Flush Mounting Directly To Structure, Add* | *1.83* | |
| 34 71 13 26-0150 | LF | Box Beam Median Barrier (Rustic) Excludes Splices | 83.50 | 8.42 |
| | | *For Flush Mounting Directly To Structure, Add* | *1.83* | |
| **34 71 13 26-0151** | | **Shop Curved, Box Beam Median Barrier** *(34 71 13 26-0147)* | | |
| 34 71 13 26-0152 | LF | Shop Curved Box Beam Median Barrier Galvanized | 93.73 | 8.42 |
| | | Note: Excludes splices. | | |
| | | *For Shop Curved At <20' Radius, Add* | *2.44* | |
| | | *For Flush Mounting Directly To Structure, Add* | *1.83* | |
| 34 71 13 26-0153 | LF | Shop Curved Box Beam Median Barrier Rustic | 114.36 | 8.42 |
| | | Note: Excludes splices. | | |
| | | *For Shop Curved At <20' Radius, Add* | *2.44* | |
| | | *For Flush Mounting Directly To Structure, Add* | *1.83* | |
| **34 71 13 26-0154** | | **Box Beam Median Barrier End Treatment Sections** *(34 71 13 26-0146)* | | |
| | | Note: Includes rail, end cover plate and hardware. Excludes posts. | | |
| 34 71 13 26-0155 | EA | Box Beam Median Barrier Type A End Treatment Section, Galvanized | 2,367.56 | 28.06 |
| | | Note: Excludes splices and post. | | |
| 34 71 13 26-0156 | EA | Box Beam Median Barrier Type A End Treatment Section (Rustic) | 2,422.55 | 28.06 |
| | | Note: Excludes splices and post. | | |
| 34 71 13 26-0157 | EA | Box Beam Median Barrier Type B End Treatment Section, Galvanized | 2,367.56 | 28.06 |
| | | Note: Excludes splices and post. | | |
| 34 71 13 26-0158 | EA | Box Beam Median Barrier Type B End Treatment Section (Rustic) | 2,422.55 | 28.06 |
| | | Note: Excludes splices and post. | | |
| **34 71 13 26-0159** | | **Splices For Box Beam Median Barrier** *(34 71 13 26-0146)* | | |
| 34 71 13 26-0160 | EA | Splice for Box Beam Median Barrier | 181.14 | 22.44 |
| 34 71 13 26-0161 | EA | Splice for Box Beam Median Barrier (Rustic) | 284.24 | 22.44 |
| **34 71 13 26-0162** | | **Box Beam Median Barrier Posts Driven With Soil Plate** *(34 71 13 26-0146)* | | |
| | | Note: Includes all associated hardware. | | |
| 34 71 13 26-0163 | EA | Standard Post for Box Beam Median Barrier | 171.11 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0164 | EA | Standard Post (Rustic) for Box Beam Median Barrier | 177.98 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 34 71 13 26-0165 | EA | Extra Long Post for Box Beam Median Barrier | 184.85 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0166 | EA | Extra Long Post (Rustic) for Box Beam Median Barrier | 191.73 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0167 | EA | Type B End Treatment or Rub Back Anchor Post for Box Beam<br>Note: For median barrier. | 157.36 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0168 | EA | Type B End Treatment or Rub Back Anchor Post (Rustic)<br>Note: For box beam median barrier. | 157.36 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0169 | EA | Type I End Assembly Post for Box Beam Median Barrier to Concrete<br>Note: For median barrier transition. | 184.85 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |
| 34 71 13 26-0170 | EA | Type I End Assembly Post (Rustic) for Box Beam Median Barrier<br>Note: For Concrete median barrier transition. | 191.73 | 45.85 |
| | | *For Installation Without Soil Plate, Deduct* | *-5.00* | |
| | | *For Installation In Rock, Add* | *12.23* | |

### 34 71 13 26-0171 Box Beam Median Barrier Accessories *(34 71 13 26-0146)*

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0172 | EA | Box Beam Median Barrier End Cover Plate | 115.84 | 19.75 |
| 34 71 13 26-0173 | EA | Box Beam Median Barrier End Cover Plate (Rustic) | 122.71 | 19.75 |

### 34 71 13 26-0174 Box Beam Median Barrier Repair, And Resetting *(34 71 13 26-0146)*

Note: For existing guide rail.

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0175 | LF | Removal And Storage Of Box Beam Median Barrier and Posts | 3.82 | |
| 34 71 13 26-0176 | LF | Reset Box Beam Median Barrier | 11.30 | |

### 34 71 13 26-0177 Universal Guide Rail Items *(34 71 13 26)*

### 34 71 13 26-0178 Guide Rail Concrete Anchor Units For All Types Of Guide Rail *(34 71 13 26-0177)*

Note: For cast in place or precast. Includes excavation, formwork, concrete, reinforcement, anchor rods and/or imbedded plate. Excludes anchor angle. For anchor angles and other terminal connections, use accessories section for respective guide rail type.

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0179 | CY | Guide Rail Concrete Anchor Unit | 665.23 | |
| | | *For Each Additional Set Of Anchor Rods, Add* | *38.00* | |
| 34 71 13 26-0180 | EA | Reset Existing Anchorage Unit for All Types of Guide Rail<br>Note: Includes excavation and backfill. | 428.99 | |
| 34 71 13 26-0181 | EA | Removal Of Guide Rail Concrete Anchor Unit | 494.08 | |

### 34 71 13 26-0182 Guide Rail Repair For All Types Of Existing Guide Rail *(34 71 13 26-0177)*

Note: Includes associated hardware.

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0183 | EA | Straighten And Reset Driven Post For Guide Rail | 61.13 | |
| 34 71 13 26-0184 | EA | Straighten And Reset Post Mounted On Concrete For Guide Rail<br>Note: With base plate for guide rail. Includes new anchor bolts. | 71.03 | |

### 34 71 13 26-0185 Additional Wood and Steel Posts *(34 71 13 26-0177)*

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0186 | LF | 4" x 6" Wood Post | 53.07 | 15.32 |
| | | *For Installation In Rock, Add* | *4.08* | |
| 34 71 13 26-0187 | LF | 6" x 8" Wood Post | 63.38 | 15.32 |
| | | *For Installation In Rock, Add* | *4.08* | |
| 34 71 13 26-0188 | LF | 6" x 7/8" Galvanized Steel Post | 39.89 | 15.32 |
| | | *For Installation In Rock, Add* | *4.08* | |
| 34 71 13 26-0189 | EA | Base Plate With Anchor Bolts For Mounting Post On Concrete | 368.46 | 15.31 |

### 34 71 13 26-0190 Accessories For All Types of Guide Rail *(34 71 13 26-0177)*

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0191 | EA | Reflector For Guard Rail | 44.38 | |

### 34 71 13 26-0192 Guide Rail Transitions *(34 71 13 26)*

### 34 71 13 26-0193 Transition Box Beam Guide Rail To Corrugated Beam *(34 71 13 26-0192)*

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0194 | EA | Box Beam To Corrugated Beam Rail Bolted Section | 662.28 | |
| 34 71 13 26-0195 | EA | Box Beam To Corrugated Beam Rail Bolted Plate<br>Note: For making cable connections. | 387.33 | |

### 34 71 13 26-0196 Transition Box Beam Median Barrier To Corrugated Beam Median *(34 71 13 26-0192)*

| | | | | |
|---|---|---|---|---|
| 34 71 13 26-0197 | EA | Box Beam Median Barrier To Corrugated Beam Bolted Section | 676.02 | |
| 34 71 13 26-0198 | EA | Box Beam Median Barrier To Corrugated Beam Harness Plate<br>Note: For making cable connections. | 387.33 | |

### 34 71 13 26-0199 Transition Box Beam Guide Rail To Cable Guide Rail *(34 71 13 26-0192)*

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 34 71 13 26-0200 | EA | Box Beam to Cable Guide Rail U-bolt And Plate | 93.72 | 14.96 |
| **34 71 13 26-0201** | | **Transition Box Beam Median Barrier To Concrete Median Barrier** *(34 71 13 26-0192)* | | |
| 34 71 13 26-0202 | EA | Box Beam Median Barrier To Concrete Barrier End Connection | 937.22 | |
| **34 71 13 26-0203** | | **Transition Thrie Beam To Concrete Median Barrier** *(34 71 13 26-0192)* | | |
| 34 71 13 26-0204 | EA | Thrie Beam Terminal Connector At Concrete Median Barrier | 593.54 | |
| 34 71 13 26-0205 | EA | Thrie Beam Transition Section To Corrugated Beam Guide Rail | 765.38 | |
| **34 71 13 26-0206** | | **Resilient Guard Fence And Light Shield** *(34 71 13 26)* | | |
| 34 71 13 26-0207 | LF | Resilient Guard Fence And Light Shield, Up To 6' High | 70.75 | 5.52 |
| **34 71 13 26-0208** | | **Individual Concrete Guard Rail Posts** *(34 71 13 26)* | | |
| 34 71 13 26-0209 | EA | 6'-5" Concrete Guard Rail Posts, Round | 77.92 | 5.52 |
| 34 71 13 26-0210 | EA | 6'-5" Concrete Posts, Square | 87.08 | 6.20 |
| 34 71 13 26-0211 | EA | 6'-5" Concrete Posts, Triangular | 84.66 | 6.20 |
| **34 71 16** | | **Impact Attenuating Devices** *(34 71)* | | |
| **34 71 16 00-0001** | | **Guard Rail Energy Absorbing Terminals** *(34 71 16)* | | |
| | | Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc. | | |
| **34 71 16 00-0002** | | **24" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)* | | |
| 34 71 16 00-0003 | EA | 24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator | 28,267.04 | 2,977.89 |
| 34 71 16 00-0004 | EA | 24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator | 39,212.52 | 3,970.52 |
| 34 71 16 00-0005 | EA | 24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator | 53,459.32 | 5,211.31 |
| 34 71 16 00-0006 | EA | 24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator | 59,600.80 | 6,452.10 |
| **34 71 16 00-0007** | | **30" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)* | | |
| 34 71 16 00-0008 | EA | 30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator | 30,477.26 | 3,350.13 |
| 34 71 16 00-0009 | EA | 30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator | 42,400.56 | 4,466.84 |
| 34 71 16 00-0010 | EA | 30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator | 58,144.85 | 5,955.78 |
| 34 71 16 00-0011 | EA | 30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator | 66,692.44 | 7,196.57 |
| **34 71 16 00-0012** | | **36" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)* | | |
| 34 71 16 00-0013 | EA | 36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator | 32,711.79 | 3,722.36 |
| 34 71 16 00-0014 | EA | 36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator | 45,612.29 | 4,963.15 |
| 34 71 16 00-0015 | EA | 36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator | 62,311.13 | 6,576.17 |
| 34 71 16 00-0016 | EA | 36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator | 73,758.95 | 7,941.04 |
| **34 71 16 00-0017** | | **69" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)* | | |
| 34 71 16 00-0018 | EA | 69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator | 35,439.89 | 4,094.60 |
| 34 71 16 00-0019 | EA | 69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator | 49,016.40 | 5,459.46 |
| 34 71 16 00-0020 | EA | 69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator | 67,245.64 | 7,196.57 |
| 34 71 16 00-0021 | EA | 69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator | 79,236.95 | 8,685.51 |
| **34 71 16 00-0022** | | **90" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)* | | |
| 34 71 16 00-0023 | EA | 90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator | 38,239.56 | 4,466.84 |
| 34 71 16 00-0024 | EA | 90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator | 52,504.66 | 5,955.78 |
| 34 71 16 00-0025 | EA | 90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator | 72,844.98 | 7,941.04 |
| 34 71 16 00-0026 | EA | 90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator | 84,862.99 | 9,429.99 |
| **34 71 19** | | **Vehicle Delineators** *(34 71)* | | |
| **34 71 19 16** | | **Flexible Vehicle Delineators** *(34 71 19)* | | |
| 34 71 19 16-0001 | EA | 2' High, 3" Diameter Flexible Fixed Stanchion Delineator | 79.03 | 6.89 |
| 34 71 19 16-0002 | EA | 3' High, 3" Diameter Flexible Fixed Stanchion Delineator | 80.21 | 6.89 |
| 34 71 19 16-0003 | EA | 3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator | 81.39 | 6.89 |
| 34 71 19 16-0004 | EA | 4' High, 3" Diameter Flexible Fixed Stanchion Delineator | 82.58 | 6.89 |
| **34 80** | | **Bridges** *(34)* | | |
| **34 82** | | **Bridge Specialties** *(34 80)* | | |
| **34 82 23** | | **Bridge Railing** *(34 82)* | | |
| **34 82 23 00-0001** | | **Metal Bridge Railing** *(34 82 23)* | | |
| | | Note: Includes hardware for bridge rail mounting. | | |
| 34 82 23 00-0002 | LF | 2" x 2" x 1/8" Bridge Railing | 36.05 | 3.34 |
| 34 82 23 00-0003 | LF | 3" x 3" x 5/16" Bridge Railing | 62.14 | 5.20 |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 34 82 23 00-0004 | LF | 5" x 3" x 1/4" Bridge Railing | 79.72 | 7.62 |
| 34 82 23 00-0005 | LF | 6" x 6" x 3/16" Bridge Railing | 105.61 | 9.60 |
| 34 82 23 00-0006 | LF | 5" Outside Diameter x 1/4" Bridge Railing | 85.02 | 7.40 |
| 34 82 23 00-0007 | | Bridge Post *(34 82 23)* | | |
| | | Note: Includes hardware for bridge post mounting. | | |
| 34 82 23 00-0008 | EA | 6" x 9" x 5'-6" Bridge Post | 138.88 | 39.79 |
| 34 82 23 00-0009 | EA | 6" x 9" x 7' Bridge Post | 173.40 | 42.29 |
| 34 82 23 00-0010 | EA | Two Rail With Base Plate Bridge Post Assembly | 401.52 | 74.62 |
| 34 82 23 00-0011 | EA | Two Rail With Curb Bridge Post Assembly | 494.14 | 79.60 |
| 34 82 23 00-0012 | EA | Two Rail (Curbless) Bridge Post Assembly | 450.26 | 79.60 |
| 34 82 23 00-0013 | EA | Two Rail With Optional Handrail Bridge Post Assembly | 543.67 | 79.60 |
| 34 82 23 00-0014 | EA | Four Rail (Curbless) With Base Plate Bridge Post | 462.97 | 84.57 |
| 34 82 23 00-0015 | EA | Four Rail With Base Plate (Sidewalk Type) Bridge Post | 463.09 | 84.57 |
| 34 82 23 00-0016 | EA | Four Rail With Curb Bridge Post Assembly | 697.85 | 84.57 |
| 34 82 23 00-0017 | EA | Four Rail (Curbless) Bridge Post Assembly | 716.92 | 84.57 |
| 34 82 23 00-0018 | EA | Five Rail With Base Plate (Curbless) Bridge Post Assembly | 515.41 | 89.55 |
| 34 82 23 00-0019 | | Bridge Railing Splices *(34 82 23)* | | |
| | | Note: Includes hardware for splices. | | |
| 34 82 23 00-0020 | EA | 5" Outside Diameter Bridge Railing Splice | 213.35 | 18.41 |
| 34 82 23 00-0021 | EA | 5" x 3" Bridge Railing Splice | 125.72 | 16.11 |
| 34 82 23 00-0022 | EA | 3" x 3" Bridge Railing Splice | 77.00 | 11.50 |
| 34 82 23 00-0023 | EA | 2" x 2" Bridge Railing Splice | 38.66 | 8.28 |
| 34 82 23 00-0024 | EA | 5" x 5" x 3' Expansion Splice Tube | 161.13 | 17.80 |
| 34 82 23 00-0025 | EA | 4" x 2" x 3' Expansion Splice Bar | 171.85 | 17.80 |
| 34 82 23 00-0026 | EA | 5" x 5" x 2' Fixed Splice Tube | 147.03 | 17.80 |
| 34 82 23 00-0027 | EA | 4" x 2" x 2' Fixed Splice Bar | 150.90 | 17.80 |
| 34 82 23 00-0028 | EA | 6" x 6' x 3/16" Box x 9' Flare Tube | 217.57 | 24.04 |
| 34 82 23 00-0029 | | Transition For Bridge Railing *(34 82 23)* | | |
| | | Note: Includes hardware for transition for bridge railing. | | |
| 34 82 23 00-0030 | EA | Two Rail Box Beam To Bridge Transition With Splices | 896.84 | 99.49 |
| 34 82 23 00-0031 | EA | Four Rail Box Beam To Bridge Transition With Splices | 1,113.71 | 109.44 |
| 34 82 23 00-0032 | EA | 6" x 6" x 16-1/2' Bottom Transition Tube | 378.44 | 49.75 |
| 34 82 23 00-0033 | EA | 6" x 6" x 22' Bottom Transition Tube | 466.91 | 54.73 |
| 34 82 23 00-0034 | EA | 6" x 6" x 16-1/2' Top Transition Tube | 387.92 | 49.75 |
| 34 82 23 00-0035 | EA | 6" x 6" x 21-1/2' Top Transition Tube | 459.07 | 54.73 |
| 34 82 23 00-0036 | | Anchor Plates And End Caps For Bridge Railing *(34 82 23)* | | |
| 34 82 23 00-0037 | EA | 14" x 14" Bridge Railing Anchor Plate | 39.61 | 4.60 |
| 34 82 23 00-0038 | EA | 18" x 22" Deck Anchor Plate | 239.55 | 23.01 |
| 34 82 23 00-0039 | EA | 2" x 2" Bridge Railing End Cap | 32.31 | 2.31 |
| 34 82 23 00-0040 | EA | 3" x 3" Bridge Railing End Cap | 20.12 | 2.31 |
| 34 82 23 00-0041 | EA | 5" O.D Bridge Railing End Cap | 19.97 | 2.31 |
| **34 82 26** | | **Bridge Slope Protection** *(34 82)* | | |
| 34 82 26 00-0001 | | Bridge Slope Protection *(34 82 26)* | | |
| | | Note: Solid concrete masonry unit installed in sand bedding. | | |
| 34 82 26 00-0002 | SF | 8" x 16" x 4" Solid Concrete Block, Bridge Slope Protection | 11.61 | 4.17 |
| 34 82 26 00-0003 | SF | 8" x 16" x 6" Solid Concrete Block, Bridge Slope Protection | 14.06 | 4.60 |
| 34 82 26 00-0004 | SF | 8" x 16" x 8" Solid Concrete Block, Bridge Slope Protection | 15.67 | 4.89 |

**END OF SECTION 34**

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| CSI | UOM | DESCRIPTION | MINOR TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 35 Waterway and Marine Construction

## 35 05 Common Work Results for Waterway and Marine Construction *(35)*

### 35 05 70 Common Work Results for Dams *(35 05)*

#### 35 05 70 00-0001 Rubber Dam Repair *(35 05 70)*

| | | | |
|---|---|---|---|
| 35 05 70 00-0002 | EA | Class A Rubber Dam Repair (Bullet And Similar Holes) | 31.62 |
| 35 05 70 00-0003 | SF | Class B Rubber Dam Repair (Minor Surface Rubber Damage) | 63.72 |
| 35 05 70 00-0004 | SF | Class C Rubber Dam Repair (Major Surface Rubber Damage) | 92.72 |
| 35 05 70 00-0005 | SF | Class D Rubber Dam Repair (Serious Surface Rubber Damage), Per Layer Of Material | 104.02 |

**END OF SECTION 35**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections *(40)*

### 40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

**40 05 23 23 300- and 400-Series Stainless Steel Process Pipe** *(40 05 23)*

40 05 23 23-0001 Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly *(40 05 23 23)*

Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0002 | LF | 1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 35.03 | 9.52 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Type 316, Add* | *4.13* | |
| | | *For Work In Restricted Working Space, Add* | *5.74* | |
| 40 05 23 23-0003 | LF | 3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 39.40 | 10.91 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Type 316, Add* | *4.33* | |
| | | *For Work In Restricted Working Space, Add* | *6.82* | |
| 40 05 23 23-0004 | LF | 1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 45.91 | 12.30 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Type 316, Add* | *5.08* | |
| | | *For Work In Restricted Working Space, Add* | *7.91* | |
| 40 05 23 23-0005 | LF | 1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 53.06 | 14.86 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Type 316, Add* | *6.41* | |
| | | *For Work In Restricted Working Space, Add* | *8.52* | |
| 40 05 23 23-0006 | LF | 1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 58.69 | 15.29 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Type 316, Add* | *7.35* | |
| | | *For Work In Restricted Working Space, Add* | *9.13* | |
| 40 05 23 23-0007 | LF | 2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 71.13 | 20.21 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Type 316, Add* | *8.96* | |
| | | *For Work In Restricted Working Space, Add* | *11.00* | |
| 40 05 23 23-0008 | LF | 2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 104.67 | 24.91 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Type 316, Add* | *15.40* | |
| | | *For Work In Restricted Working Space, Add* | *13.63* | |
| 40 05 23 23-0009 | LF | 3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 132.73 | 28.87 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Type 316, Add* | *20.06* | |
| | | *For Work In Restricted Working Space, Add* | *16.67* | |
| 40 05 23 23-0010 | LF | 4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly | 181.61 | 28.87 |
| | | Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available. | | |
| | | *For Work In Restricted Working Space, Add* | *21.15* | |

40 05 23 23-0011 Stainless Steel Tubing And Fittings *(40 05 23 23)*

40 05 23 23-0012 Type 304 Tubing *(40 05 23 23-0011)*

40 05 23 23-0013 0.035" Wall *(40 05 23 23-0012)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0014 | LF | 1/4", 0.035" Wall, Type 304, Stainless Steel Tubing | 8.35 | 3.13 |
| | | *For Work In Restricted Working Space, Add* | *1.87* | |
| 40 05 23 23-0015 | LF | 3/8", 0.035" Wall, Type 304, Stainless Steel Tubing | 9.70 | 3.72 |
| | | *For Work In Restricted Working Space, Add* | *2.24* | |
| 40 05 23 23-0016 | LF | 1/2", 0.035" Wall, Type 304, Stainless Steel Tubing | 11.57 | 4.41 |
| | | *For Work In Restricted Working Space, Add* | *2.62* | |
| 40 05 23 23-0017 | LF | 5/8", 0.035" Wall, Type 304, Stainless Steel Tubing | 18.65 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |
| 40 05 23 23-0018 | LF | 3/4", 0.035" Wall, Type 304, Stainless Steel Tubing | 22.08 | 5.58 |
| | | *For Work In Restricted Working Space, Add* | *3.37* | |
| 40 05 23 23-0019 | LF | 7/8", 0.035" Wall, Type 304, Stainless Steel Tubing | 24.44 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.75* | |
| 40 05 23 23-0020 | LF | 1", 0.035" Wall, Type 304, Stainless Steel Tubing | 27.36 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |

40 05 23 23-0021 0.049" Wall *(40 05 23 23-0012)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0022 | LF | 1/4", 0.049" Wall, Type 304, Stainless Steel Tubing | 13.77 | 3.72 |
| | | *For Work In Restricted Working Space, Add* | *2.24* | |
| 40 05 23 23-0023 | LF | 3/8", 0.049" Wall, Type 304, Stainless Steel Tubing | 15.37 | 4.41 |
| | | *For Work In Restricted Working Space, Add* | *2.62* | |
| 40 05 23 23-0024 | LF | 1/2", 0.049" Wall, Type 304, Stainless Steel Tubing | 18.46 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |
| 40 05 23 23-0025 | LF | 5/8", 0.049" Wall, Type 304, Stainless Steel Tubing | 23.35 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.75* | |
| 40 05 23 23-0026 | LF | 3/4", 0.049" Wall, Type 304, Stainless Steel Tubing | 26.75 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 40 05 23 23-0027 | LF | 7/8", 0.049" Wall, Type 304, Stainless Steel Tubing | 30.08 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.24* | |
| 40 05 23 23-0028 | LF | 1", 0.049" Wall, Type 304, Stainless Steel Tubing | 34.69 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |


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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **40 05 23 23-0029** | | **0.065" Wall** *(40 05 23 23-0012)* | | |
| 40 05 23 23-0030 | LF | 1/4", 0.065" Wall, Type 304, Stainless Steel Tubing | 16.08 | 4.41 |
| | | *For Work In Restricted Working Space, Add* | *2.62* | |
| 40 05 23 23-0031 | LF | 3/8", 0.065" Wall, Type 304, Stainless Steel Tubing | 18.50 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |
| 40 05 23 23-0032 | LF | 1/2", 0.065" Wall, Type 304, Stainless Steel Tubing | 22.82 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.75* | |
| 40 05 23 23-0033 | LF | 5/8", 0.065" Wall, Type 304, Stainless Steel Tubing | 26.84 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 40 05 23 23-0034 | LF | 3/4", 0.065" Wall, Type 304, Stainless Steel Tubing | 31.64 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.24* | |
| 40 05 23 23-0035 | LF | 7/8", 0.065" Wall, Type 304, Stainless Steel Tubing | 36.35 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 40 05 23 23-0036 | LF | 1", 0.065" Wall, Type 304, Stainless Steel Tubing | 40.97 | 11.15 |
| | | *For Work In Restricted Working Space, Add* | *6.70* | |
| **40 05 23 23-0037** | | **Type 304 Tube Fittings** *(40 05 23 23-0011)* | | |
| **40 05 23 23-0038** | | **90 Degree Elbows** *(40 05 23 23-0037)* | | |
| 40 05 23 23-0039 | EA | 1/4", Type 304, Stainless Steel, 90 Degree Elbow | 51.79 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 40 05 23 23-0040 | EA | 3/8", Type 304, Stainless Steel, 90 Degree Elbow | 61.13 | 13.71 |
| | | *For Work In Restricted Working Space, Add* | *8.20* | |
| 40 05 23 23-0041 | EA | 1/2", Type 304, Stainless Steel, 90 Degree Elbow | 91.58 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |
| 40 05 23 23-0042 | EA | 5/8", Type 304, Stainless Steel, 90 Degree Elbow | 97.90 | 17.30 |
| | | *For Work In Restricted Working Space, Add* | *10.40* | |
| 40 05 23 23-0043 | EA | 3/4", Type 304, Stainless Steel, 90 Degree Elbow | 109.44 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0044 | EA | 7/8", Type 304, Stainless Steel, 90 Degree Elbow | 149.01 | 20.79 |
| | | *For Work In Restricted Working Space, Add* | *12.45* | |
| 40 05 23 23-0045 | EA | 1", Type 304, Stainless Steel, 90 Degree Elbow | 189.59 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| **40 05 23 23-0046** | | **Union Tees** *(40 05 23 23-0037)* | | |
| 40 05 23 23-0047 | EA | 1/4", Type 304, Stainless Steel, Union Tee | 82.05 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0048 | EA | 3/8", Type 304, Stainless Steel, Union Tee | 99.33 | 20.79 |
| | | *For Work In Restricted Working Space, Add* | *12.45* | |
| 40 05 23 23-0049 | EA | 1/2", Type 304, Stainless Steel, Union Tee | 135.20 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| 40 05 23 23-0050 | EA | 5/8", Type 304, Stainless Steel, Union Tee | 145.61 | 26.37 |
| | | *For Work In Restricted Working Space, Add* | *15.84* | |
| 40 05 23 23-0051 | EA | 3/4", Type 304, Stainless Steel, Union Tee | 185.46 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0052 | EA | 7/8", Type 304, Stainless Steel, Union Tee | 293.28 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0053 | EA | 1", Type 304, Stainless Steel, Union Tee | 351.47 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| **40 05 23 23-0054** | | **Unions** *(40 05 23 23-0037)* | | |
| 40 05 23 23-0055 | EA | 1/4", Type 304, Stainless Steel, Union | 78.50 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0056 | EA | 3/8", Type 304, Stainless Steel, Union | 101.33 | 20.79 |
| | | *For Work In Restricted Working Space, Add* | *12.45* | |
| 40 05 23 23-0057 | EA | 1/2", Type 304, Stainless Steel, Union | 136.51 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| 40 05 23 23-0058 | EA | 5/8", Type 304, Stainless Steel, Union | 166.21 | 26.37 |
| | | *For Work In Restricted Working Space, Add* | *15.84* | |
| 40 05 23 23-0059 | EA | 3/4", Type 304, Stainless Steel, Union | 198.00 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0060 | EA | 7/8", Type 304, Stainless Steel, Union | 303.28 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0061 | EA | 1", Type 304, Stainless Steel, Union | 323.12 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| **40 05 23 23-0062** | | **Male Connectors** *(40 05 23 23-0037)* | | |
| 40 05 23 23-0063 | EA | 1/4" x 1/4", Type 304, Stainless Steel, Male Connection | 39.09 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 40 05 23 23-0064 | EA | 3/8" x 3/8", Type 304, Stainless Steel, Male Connection | 48.64 | 13.71 |
| | | *For Work In Restricted Working Space, Add* | *8.20* | |
| 40 05 23 23-0065 | EA | 1/2" x 1/2", Type 304, Stainless Steel, Male Connection | 62.86 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |
| 40 05 23 23-0066 | EA | 5/8" x 5/8" Male Connection, Stainless Steel Type 304 | 70.83 | 17.30 |
| | | *For Work In Restricted Working Space, Add* | *10.40* | |
| 40 05 23 23-0067 | EA | 3/4" x 3/4", Type 304, Stainless Steel, Male Connection | 85.38 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0068 | EA | 7/8" x 7/8", Type 304, Stainless Steel, Male Connection | 127.91 | 20.79 |
| | | *For Work In Restricted Working Space, Add* | *12.45* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0069 | EA | 1" x 1", Type 304, Stainless Steel, Male Connection | 134.23 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |

## 40 05 23 23-0070 Type 304 Valves *(40 05 23 23-0011)*

## 40 05 23 23-0071 Gate Valves *(40 05 23 23-0070)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0072 | EA | 1/4" Gate Valve, Stainless Steel Type 304 | 174.84 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *10.15* | |
| 40 05 23 23-0073 | EA | 3/8" Gate Valve, Stainless Steel Type 304 | 289.90 | 21.96 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 40 05 23 23-0074 | EA | 1/2" Gate Valve, Stainless Steel Type 304 | 303.72 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0075 | EA | 3/4" Gate Valve, Stainless Steel Type 304 | 337.11 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0076 | EA | 1" Gate Valve, Stainless Steel Type 304 | 314.51 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |

## 40 05 23 23-0077 Globe Valves *(40 05 23 23-0070)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0078 | EA | 1/4" Globe Valve, Stainless Steel Type 304 | 177.15 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *10.15* | |
| 40 05 23 23-0079 | EA | 3/8" Globe Valve, Stainless Steel Type 304 | 119.97 | 21.96 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 40 05 23 23-0080 | EA | 1/2" Globe Valve, Stainless Steel Type 304 | 212.32 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0081 | EA | 3/4" Globe Valve, Stainless Steel Type 304 | 236.73 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0082 | EA | 1" Globe Valve, Stainless Steel Type 304 | 343.60 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |

## 40 05 23 23-0083 Check Valves *(40 05 23 23-0070)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0084 | EA | 1/4" Check Valve, Stainless Steel Type 304 | 245.05 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *10.15* | |
| 40 05 23 23-0085 | EA | 3/8" Check Valve, Stainless Steel Type 304 | 246.84 | 21.96 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 40 05 23 23-0086 | EA | 1/2" Check Valve, Stainless Steel Type 304 | 167.50 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0087 | EA | 3/4" Check Valve, Stainless Steel Type 304 | 176.46 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0088 | EA | 1" Check Valve, Stainless Steel Type 304 | 198.15 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |

## 40 05 23 23-0089 Plug Valves *(40 05 23 23-0070)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0090 | EA | 1/2" Plug Valve, Stainless Steel Type 304 | 378.40 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0091 | EA | 3/4" Plug Valve, Stainless Steel Type 304 | 414.88 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0092 | EA | 1" Plug Valve, Stainless Steel Type 304 | 472.14 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0093 | EA | 1-1/2" Plug Valve, Stainless Steel Type 304 | 651.48 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 40 05 23 23-0094 | EA | 2" Plug Valve, Stainless Steel Type 304 | 849.62 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |

## 40 05 23 23-0095 Type 316 Tubing *(40 05 23 23-0011)*

## 40 05 23 23-0096 0.035" Wall *(40 05 23 23-0095)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0097 | LF | 1/4" Stainless Steel Tubing, Type 316, 0.035" Wall | 8.68 | 3.13 |
| | | *For Work In Restricted Working Space, Add* | *1.87* | |
| 40 05 23 23-0098 | LF | 3/8" Stainless Steel Tubing, Type 316, 0.035" Wall | 11.28 | 3.72 |
| | | *For Work In Restricted Working Space, Add* | *2.24* | |
| 40 05 23 23-0099 | LF | 1/2" Stainless Steel Tubing, Type 316, 0.035" Wall | 12.54 | 4.41 |
| | | *For Work In Restricted Working Space, Add* | *2.62* | |
| 40 05 23 23-0100 | LF | 5/8" Stainless Steel Tubing, Type 316, 0.035" Wall | 21.21 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |
| 40 05 23 23-0101 | LF | 3/4" Stainless Steel Tubing, Type 316, 0.035" Wall | 24.06 | 5.58 |
| | | *For Work In Restricted Working Space, Add* | *3.37* | |
| 40 05 23 23-0102 | LF | 7/8" Stainless Steel Tubing, Type 316, 0.035" Wall | 30.55 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.75* | |
| 40 05 23 23-0103 | LF | 1" Stainless Steel Tubing, Type 316, 0.035" Wall | 32.10 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |

## 40 05 23 23-0104 0.049" Wall *(40 05 23 23-0095)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0105 | LF | 1/4" Stainless Steel Tubing, Type 316, 0.049" Wall | 15.15 | 3.72 |
| | | *For Work In Restricted Working Space, Add* | *2.24* | |
| 40 05 23 23-0106 | LF | 3/8" Stainless Steel Tubing, Type 316, 0.049" Wall | 16.81 | 4.41 |
| | | *For Work In Restricted Working Space, Add* | *2.62* | |
| 40 05 23 23-0107 | LF | 1/2" Stainless Steel Tubing, Type 316, 0.049" Wall | 19.80 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0108 | LF | 5/8" Stainless Steel Tubing, Type 316, 0.049" Wall | 25.84 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.75* | |
| 40 05 23 23-0109 | LF | 3/4" Stainless Steel Tubing, Type 316, 0.049" Wall | 29.84 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 40 05 23 23-0110 | LF | 7/8" Stainless Steel Tubing, Type 316, 0.049" Wall | 38.04 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.24* | |
| 40 05 23 23-0111 | LF | 1" Stainless Steel Tubing, Type 316, 0.049" Wall | 38.86 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 40 05 23 23-0112 | | 0.065" Wall *(40 05 23 23-0095)* | | |
| 40 05 23 23-0113 | LF | 1/4" Stainless Steel Tubing, Type 316, 0.065" Wall | 17.71 | 4.41 |
| | | *For Work In Restricted Working Space, Add* | *2.62* | |
| 40 05 23 23-0114 | LF | 3/8" Stainless Steel Tubing, Type 316, 0.065" Wall | 19.75 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |
| 40 05 23 23-0115 | LF | 1/2" Stainless Steel Tubing, Type 316, 0.065" Wall | 24.78 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.75* | |
| 40 05 23 23-0116 | LF | 5/8" Stainless Steel Tubing, Type 316, 0.065" Wall | 29.54 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 40 05 23 23-0117 | LF | 3/4" Stainless Steel Tubing, Type 316, 0.065" Wall | 35.78 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.24* | |
| 40 05 23 23-0118 | LF | 7/8" Stainless Steel Tubing, Type 316, 0.065" Wall | 39.42 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 40 05 23 23-0119 | LF | 1" Stainless Steel Tubing, Type 316, 0.065" Wall | 45.92 | 11.15 |
| | | *For Work In Restricted Working Space, Add* | *6.70* | |
| 40 05 23 23-0120 | | Type 316 Tube Fittings *(40 05 23 23-0011)* | | |
| 40 05 23 23-0121 | | 90 Degree Elbows *(40 05 23 23-0120)* | | |
| 40 05 23 23-0122 | EA | 1/4" 90 Degree Elbow, Stainless Steel Type 316 | 71.14 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 40 05 23 23-0123 | EA | 3/8" 90 Degree Elbow, Stainless Steel Type 316 | 85.53 | 13.71 |
| | | *For Work In Restricted Working Space, Add* | *8.20* | |
| 40 05 23 23-0124 | EA | 1/2" 90 Degree Elbow, Stainless Steel Type 316 | 135.34 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |
| 40 05 23 23-0125 | EA | 5/8" 90 Degree Elbow, Stainless Steel Type 316 | 143.55 | 17.30 |
| | | *For Work In Restricted Working Space, Add* | *10.40* | |
| 40 05 23 23-0126 | EA | 3/4" 90 Degree Elbow, Stainless Steel Type 316 | 161.41 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0127 | EA | 7/8" 90 Degree Elbow, Stainless Steel Type 316 | 226.64 | 20.79 |
| | | *For Work In Restricted Working Space, Add* | *12.45* | |
| 40 05 23 23-0128 | EA | 1" 90 Degree Elbow, Stainless Steel Type 316 | 290.78 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0129 | | Union Tees *(40 05 23 23-0120)* | | |
| 40 05 23 23-0130 | EA | 1/4" Union Tee, Stainless Steel Type 316 | 114.24 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0131 | EA | 3/8" Union Tee, Stainless Steel Type 316 | 141.09 | 20.79 |
| | | *For Work In Restricted Working Space, Add* | *12.45* | |
| 40 05 23 23-0132 | EA | 1/2" Union Tee, Stainless Steel Type 316 | 199.26 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| 40 05 23 23-0133 | EA | 5/8" Union Tee, Stainless Steel Type 316 | 212.61 | 26.37 |
| | | *For Work In Restricted Working Space, Add* | *15.84* | |
| 40 05 23 23-0134 | EA | 3/4" Union Tee, Stainless Steel Type 316 | 278.45 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0135 | EA | 7/8" Union Tee, Stainless Steel Type 316 | 459.69 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0136 | EA | 1" Union Tee, Stainless Steel Type 316 | 551.11 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0137 | | Unions *(40 05 23 23-0120)* | | |
| 40 05 23 23-0138 | EA | 1/4" Union, Stainless Steel Type 316 | 73.60 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0139 | EA | 3/8" Union, Stainless Steel Type 316 | 94.18 | 20.79 |
| | | *For Work In Restricted Working Space, Add* | *12.45* | |
| 40 05 23 23-0140 | EA | 1/2" Union, Stainless Steel Type 316 | 125.75 | 23.23 |
| | | *For Work In Restricted Working Space, Add* | *13.94* | |
| 40 05 23 23-0141 | EA | 5/8" Union, Stainless Steel Type 316 | 152.65 | 26.37 |
| | | *For Work In Restricted Working Space, Add* | *15.84* | |
| 40 05 23 23-0142 | EA | 3/4" Union, Stainless Steel Type 316 | 181.11 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0143 | EA | 7/8" Union, Stainless Steel Type 316 | 274.53 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0144 | EA | 1" Union, Stainless Steel Type 316 | 293.46 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0145 | | Male Connectors *(40 05 23 23-0120)* | | |
| 40 05 23 23-0146 | EA | 1/4" x 1/4" Male Connector, Stainless Steel Type 316 | 49.06 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 40 05 23 23-0147 | EA | 3/8" x 3/8" Male Connector, Stainless Steel Type 316 | 63.71 | 13.71 |
| | | *For Work In Restricted Working Space, Add* | *8.20* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0148 | EA | 1/2" x 1/2" Male Connector, Stainless Steel Type 316 | 85.41 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |
| 40 05 23 23-0149 | EA | 5/8" x 5/8" Male Connector, Stainless Steel Type 316 | 96.39 | 17.30 |
| | | *For Work In Restricted Working Space, Add* | *10.40* | |
| 40 05 23 23-0150 | EA | 3/4" x 3/4" Male Connector, Stainless Steel Type 316 | 119.26 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0151 | EA | 7/8" x 7/8" Male Connector, Stainless Steel Type 316 | 189.01 | 20.79 |
| | | *For Work In Restricted Working Space, Add* | *12.45* | |
| 40 05 23 23-0152 | EA | 1" x 1" Male Connector, Stainless Steel Type 316 | 194.19 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |

### 40 05 23 23-0153 Type 316 Valves *(40 05 23 23-0011)*

### 40 05 23 23-0154 Gate Valves *(40 05 23 23-0153)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0155 | EA | 1/4" Gate Valve, Stainless Steel Type 316 | 220.38 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *10.15* | |
| 40 05 23 23-0156 | EA | 3/8" Gate Valve, Stainless Steel Type 316 | 372.00 | 21.96 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 40 05 23 23-0157 | EA | 1/2" Gate Valve, Stainless Steel Type 316 | 385.82 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0158 | EA | 3/4" Gate Valve, Stainless Steel Type 316 | 427.65 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0159 | EA | 1" Gate Valve, Stainless Steel Type 316 | 391.86 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0160 | EA | 1-1/4" Gate Valve, Stainless Steel Type 316 | 533.32 | 38.91 |
| | | *For Work In Restricted Working Space, Add* | *23.35* | |
| 40 05 23 23-0161 | EA | 1-1/2" Gate Valve, Stainless Steel Type 316 | 848.80 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 40 05 23 23-0162 | EA | 2" Gate Valve, Stainless Steel Type 316 | 1,012.60 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 40 05 23 23-0163 | EA | 2-1/2" Gate Valve, Stainless Steel Type 316 | 1,543.32 | 185.97 |
| | | *For Work In Restricted Working Space, Add* | *111.55* | |

### 40 05 23 23-0164 Globe Valves *(40 05 23 23-0153)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0165 | EA | 1/4" Globe Valve, Stainless Steel Type 316 | 223.43 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *10.15* | |
| 40 05 23 23-0166 | EA | 3/8" Globe Valve, Stainless Steel Type 316 | 147.21 | 21.96 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 40 05 23 23-0167 | EA | 1/2" Globe Valve, Stainless Steel Type 316 | 264.92 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0168 | EA | 3/4" Globe Valve, Stainless Steel Type 316 | 294.86 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0169 | EA | 1" Globe Valve, Stainless Steel Type 316 | 430.35 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0170 | EA | 1-1/4" Globe Valve, Stainless Steel Type 316 | 534.21 | 38.68 |
| | | *For Work In Restricted Working Space, Add* | *23.18* | |
| 40 05 23 23-0171 | EA | 1-1/2" Globe Valve, Stainless Steel Type 316 | 879.36 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 40 05 23 23-0172 | EA | 2" Globe Valve, Stainless Steel Type 316 | 1,043.16 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 40 05 23 23-0173 | EA | 2-1/2" Globe Valve, Stainless Steel Type 316 | 1,349.77 | 185.97 |
| | | *For Work In Restricted Working Space, Add* | *111.55* | |

### 40 05 23 23-0174 Check Valves *(40 05 23 23-0153)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0175 | EA | 1/4" Check Valve, Stainless Steel Type 316 | 313.26 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *10.15* | |
| 40 05 23 23-0176 | EA | 3/8" Check Valve, Stainless Steel Type 316 | 315.05 | 21.96 |
| | | *For Work In Restricted Working Space, Add* | *10.68* | |
| 40 05 23 23-0177 | EA | 1/2" Check Valve, Stainless Steel Type 316 | 205.63 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0178 | EA | 3/4" Check Valve, Stainless Steel Type 316 | 215.13 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0179 | EA | 1" Check Valve, Stainless Steel Type 316 | 237.93 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0180 | EA | 1-1/4" Check Valve, Stainless Steel Type 316 | 324.15 | 38.91 |
| | | *For Work In Restricted Working Space, Add* | *23.35* | |
| 40 05 23 23-0181 | EA | 1-1/2" Check Valve, Stainless Steel Type 316 | 706.19 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 40 05 23 23-0182 | EA | 2" Check Valve, Stainless Steel Type 316 | 859.80 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 40 05 23 23-0183 | EA | 2-1/2" Check Valve, Stainless Steel Type 316 | 1,730.08 | 185.97 |
| | | *For Work In Restricted Working Space, Add* | *111.55* | |

### 40 05 23 23-0184 Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined *(40 05 23 23-0153)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0185 | EA | 1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined | 339.02 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0186 | EA | 3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined | 395.85 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0187 | EA | 1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined | 505.36 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0188 | EA | 1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined | 798.85 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 40 05 23 23-0189 | EA | 2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined | 1,115.85 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| **40 05 23 23-0190** | | **Diaphragm Valves, Teflon Lined** *(40 05 23 23-0153)* | | |
| 40 05 23 23-0191 | EA | 1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined | 446.13 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0192 | EA | 3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined | 512.88 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0193 | EA | 1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined | 622.39 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0194 | EA | 1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined | 963.48 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 40 05 23 23-0195 | EA | 2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined | 1,312.21 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| **40 05 23 23-0196** | | **Strainers** *(40 05 23 23-0153)* | | |
| 40 05 23 23-0197 | EA | 1/2" Strainer, Stainless Steel Type 316 | 447.16 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0198 | EA | 3/4" Strainer, Stainless Steel Type 316 | 534.73 | 28.46 |
| | | *For Work In Restricted Working Space, Add* | *17.08* | |
| 40 05 23 23-0199 | EA | 1" Strainer, Stainless Steel Type 316 | 699.84 | 37.75 |
| | | *For Work In Restricted Working Space, Add* | *22.65* | |
| 40 05 23 23-0200 | EA | 1-1/4" Strainer, Stainless Steel Type 316 | 866.09 | 38.91 |
| | | *For Work In Restricted Working Space, Add* | *23.35* | |
| 40 05 23 23-0201 | EA | 1-1/2" Strainer, Stainless Steel Type 316 | 1,084.74 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 40 05 23 23-0202 | EA | 2" Strainer, Stainless Steel Type 316 | 1,563.22 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| 40 05 23 23-0203 | EA | 2-1/2" Strainer, Stainless Steel Type 316 | 2,147.36 | 77.25 |
| | | *For Work In Restricted Working Space, Add* | *46.35* | |
| 40 05 23 23-0204 | EA | 3" Strainer, Stainless Steel Type 316 | 3,128.48 | 116.16 |
| | | *For Work In Restricted Working Space, Add* | *69.70* | |
| 40 05 23 23-0205 | EA | 4" Strainer, Stainless Steel Type 316 | 4,018.05 | 185.86 |
| | | *For Work In Restricted Working Space, Add* | *111.51* | |
| **40 05 23 23-0206** | | **Plug Valves** *(40 05 23 23-0153)* | | |
| 40 05 23 23-0207 | EA | 1/2" Plug Valve, Stainless Steel Type 316 | 475.91 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0208 | EA | 3/4" Plug Valve, Stainless Steel Type 316 | 521.06 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0209 | EA | 1" Plug Valve, Stainless Steel Type 316 | 589.88 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0210 | EA | 1-1/2" Plug Valve, Stainless Steel Type 316 | 819.46 | 42.40 |
| | | *For Work In Restricted Working Space, Add* | *25.44* | |
| 40 05 23 23-0211 | EA | 2" Plug Valve, Stainless Steel Type 316 | 1,067.04 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *34.85* | |
| **40 05 23 23-0212** | | **Cut And Prepare Existing Pipe In-Place** *(40 05 23 23-0011)*<br>Note: For use when connecting pipe to an existing in-place system. | | |
| 40 05 23 23-0213 | EA | Cut And Prepare 1/2" Stainless Steel Pipe | 23.22 | |
| 40 05 23 23-0214 | EA | Cut And Prepare 3/4" Stainless Steel Pipe | 25.08 | |
| 40 05 23 23-0215 | EA | Cut And Prepare 1" Stainless Steel Pipe | 28.21 | |
| 40 05 23 23-0216 | EA | Cut And Prepare 1-1/4" Stainless Steel Pipe | 29.61 | |
| 40 05 23 23-0217 | EA | Cut And Prepare 1-1/2" Stainless Steel Pipe | 31.34 | |
| 40 05 23 23-0218 | EA | Cut And Prepare 2" Stainless Steel Pipe | 33.67 | |
| 40 05 23 23-0219 | EA | Cut And Prepare 2-1/2" Stainless Steel Pipe | 36.00 | |
| 40 05 23 23-0220 | EA | Cut And Prepare 3" Stainless Steel Pipe | 39.48 | |
| 40 05 23 23-0221 | EA | Cut And Prepare 4" Stainless Steel Pipe | 42.96 | |
| 40 05 23 23-0222 | EA | Cut And Prepare 6" Stainless Steel Pipe | 46.45 | |
| 40 05 23 23-0223 | EA | Cut And Prepare 8" Stainless Steel Pipe | 49.93 | |
| 40 05 23 23-0224 | EA | Cut And Prepare 10" Stainless Steel Pipe | 54.57 | |
| 40 05 23 23-0225 | EA | Cut And Prepare 12" Stainless Steel Pipe | 59.22 | |
| 40 05 23 23-0226 | EA | Cut And Prepare 14" Stainless Steel Pipe | 63.87 | |
| 40 05 23 23-0227 | EA | Cut And Prepare 16" Stainless Steel Pipe | 68.51 | |
| 40 05 23 23-0228 | EA | Cut And Prepare 18" Stainless Steel Pipe | 71.99 | |
| 40 05 23 23-0229 | EA | Cut And Prepare 20" Stainless Steel Pipe | 75.47 | |
| 40 05 23 23-0230 | EA | Cut And Prepare 24" Stainless Steel Pipe | 80.12 | |
| **40 05 23 23-0231** | | **Stainless Steel Pipe And Fittings** *(40 05 23 23)* | | |
| **40 05 23 23-0232** | | **Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings** *(40 05 23 23-0231)* | | |
| **40 05 23 23-0233** | | **Type 304, Schedule 40 Stainless Steel Threaded Pipe** *(40 05 23 23-0232)* | | |
| 40 05 23 23-0234 | LF | 1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 17.80 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |
| 40 05 23 23-0235 | LF | 3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 21.90 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.75* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0236 | LF | 1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 26.95 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 40 05 23 23-0237 | LF | 1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 32.41 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.24* | |
| 40 05 23 23-0238 | LF | 1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 37.52 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 40 05 23 23-0239 | LF | 2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 47.97 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 40 05 23 23-0240 | LF | 2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 65.27 | 14.87 |
| | | *For Work In Restricted Working Space, Add* | *8.94* | |
| 40 05 23 23-0241 | LF | 3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 82.04 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0242 | LF | 4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting | 111.13 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |

### 40 05 23 23-0243 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0232)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0244 | EA | 1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 40.05 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0245 | EA | 3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 53.11 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0246 | EA | 1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 68.16 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0247 | EA | 1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 95.20 | 42.98 |
| | | *For Work In Restricted Working Space, Add* | *25.81* | |
| 40 05 23 23-0248 | EA | 1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 113.21 | 50.53 |
| | | *For Work In Restricted Working Space, Add* | *30.30* | |
| 40 05 23 23-0249 | EA | 2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 137.76 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0250 | EA | 2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 228.86 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0251 | EA | 3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 294.73 | 124.87 |
| | | *For Work In Restricted Working Space, Add* | *74.94* | |
| 40 05 23 23-0252 | EA | 4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow | 397.43 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-0253 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0232)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0254 | EA | 1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 40.64 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0255 | EA | 3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 54.07 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0256 | EA | 1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 68.45 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0257 | EA | 1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 95.09 | 42.98 |
| | | *For Work In Restricted Working Space, Add* | *25.81* | |
| 40 05 23 23-0258 | EA | 1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 111.79 | 50.53 |
| | | *For Work In Restricted Working Space, Add* | *30.30* | |
| 40 05 23 23-0259 | EA | 2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 137.43 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0260 | EA | 2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 235.28 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0261 | EA | 3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 307.26 | 124.87 |
| | | *For Work In Restricted Working Space, Add* | *74.94* | |
| 40 05 23 23-0262 | EA | 4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow | 412.03 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Tees *(40 05 23 23-0232)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0264 | EA | 1/2", 150#, Type 304 Stainless Steel Threaded Tee | 60.17 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0265 | EA | 3/4", 150#, Type 304 Stainless Steel Threaded Tee | 80.49 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0266 | EA | 1", 150#, Type 304 Stainless Steel Threaded Tee | 100.00 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 40 05 23 23-0267 | EA | 1-1/4", 150#, Type 304 Stainless Steel Threaded Tee | 143.12 | 64.59 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 40 05 23 23-0268 | EA | 1-1/2", 150#, Type 304 Stainless Steel Threaded Tee | 162.67 | 72.60 |
| | | *For Work In Restricted Working Space, Add* | *43.56* | |
| 40 05 23 23-0269 | EA | 2", 150#, Type 304 Stainless Steel Threaded Tee | 216.04 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0270 | EA | 2-1/2", 150#, Type 304 Stainless Steel Threaded Tee | 328.02 | 139.97 |
| | | *For Work In Restricted Working Space, Add* | *83.97* | |
| 40 05 23 23-0271 | EA | 3", 150#, Type 304 Stainless Steel Threaded Tee | 444.04 | 187.37 |
| | | *For Work In Restricted Working Space, Add* | *112.42* | |
| 40 05 23 23-0272 | EA | 4", 150#, Type 304 Stainless Steel Threaded Tee | 589.85 | 232.33 |
| | | *For Work In Restricted Working Space, Add* | *139.40* | |

### 40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers *(40 05 23 23-0232)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0274 | EA | 3/4", 150#, Type 304 Stainless Steel Threaded Reducer | 52.67 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0275 | EA | 1", 150#, Type 304 Stainless Steel Threaded Reducer | 67.21 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0276 | EA | 1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer | 92.51 | 42.98 |
| | | *For Work In Restricted Working Space, Add* | *25.81* | |
| 40 05 23 23-0277 | EA | 1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer | 110.32 | 50.53 |
| | | *For Work In Restricted Working Space, Add* | *30.30* | |
| 40 05 23 23-0278 | EA | 2", 150#, Type 304 Stainless Steel Threaded Reducer | 137.82 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0279 | EA | 2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer | 226.96 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0280 | EA | 3", 150#, Type 304 Stainless Steel Threaded Reducer | 297.32 | 124.87 |
| | | *For Work In Restricted Working Space, Add* | *74.94* | |
| 40 05 23 23-0281 | EA | 4", 150#, Type 304 Stainless Steel Threaded Reducer | 388.47 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-0282 150#, Type 304 Stainless Steel Threaded Caps *(40 05 23 23-0232)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0283 | EA | 1/2", 150#, Type 304 Stainless Steel Threaded Cap | 20.46 | 9.41 |
| | | *For Work In Restricted Working Space, Add* | *5.62* | |
| 40 05 23 23-0284 | EA | 3/4", 150#, Type 304 Stainless Steel Threaded Cap | 27.13 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 40 05 23 23-0285 | EA | 1", 150#, Type 304 Stainless Steel Threaded Cap | 34.19 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |
| 40 05 23 23-0286 | EA | 1-1/4", 150#, Type 304 Stainless Steel Threaded Cap | 49.67 | 21.96 |
| | | *For Work In Restricted Working Space, Add* | *13.15* | |
| 40 05 23 23-0287 | EA | 1-1/2", 150#, Type 304 Stainless Steel Threaded Cap | 57.07 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0288 | EA | 2", 150#, Type 304 Stainless Steel Threaded Cap | 72.53 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0289 | EA | 2-1/2", 150#, Type 304 Stainless Steel Threaded Cap | 110.51 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 40 05 23 23-0290 | EA | 3", 150#, Type 304 Stainless Steel Threaded Cap | 146.57 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0291 | EA | 4", 150#, Type 304 Stainless Steel Threaded Cap | 196.00 | 77.48 |
| | | *For Work In Restricted Working Space, Add* | *46.46* | |

### 40 05 23 23-0292 150#, Type 304 Stainless Steel Threaded Unions *(40 05 23 23-0232)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0293 | EA | 1/2", 150#, Type 304 Stainless Steel Threaded Union | 63.90 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0294 | EA | 3/4", 150#, Type 304 Stainless Steel Threaded Union | 84.10 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0295 | EA | 1", 150#, Type 304 Stainless Steel Threaded Union | 106.76 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 40 05 23 23-0296 | EA | 1-1/4", 150#, Type 304 Stainless Steel Threaded Union | 153.07 | 64.59 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 40 05 23 23-0297 | EA | 1-1/2", 150#, Type 304 Stainless Steel Threaded Union | 172.32 | 72.60 |
| | | *For Work In Restricted Working Space, Add* | *43.56* | |
| 40 05 23 23-0298 | EA | 2", 150#, Type 304 Stainless Steel Threaded Union | 226.09 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0299 | EA | 2-1/2", 150#, Type 304 Stainless Steel Threaded Union | 378.40 | 145.20 |
| | | *For Work In Restricted Working Space, Add* | *87.12* | |
| 40 05 23 23-0300 | EA | 3", 150#, Type 304 Stainless Steel Threaded Union | 485.55 | 187.37 |
| | | *For Work In Restricted Working Space, Add* | *112.42* | |
| 40 05 23 23-0301 | EA | 4", 150#, Type 304 Stainless Steel Threaded Union | 489.67 | 154.90 |
| | | *For Work In Restricted Working Space, Add* | *92.94* | |

### 40 05 23 23-0302 150#, Type 304 Stainless Steel Threaded Couplings *(40 05 23 23-0232)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0303 | EA | 1/2", 150#, Type 304 Stainless Steel Threaded Coupling | 39.80 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0304 | EA | 3/4", 150#, Type 304 Stainless Steel Threaded Coupling | 52.78 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0305 | EA | 1", 150#, Type 304 Stainless Steel Threaded Coupling | 67.89 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0306 | EA | 1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling | 94.15 | 42.98 |
| | | *For Work In Restricted Working Space, Add* | *25.81* | |
| 40 05 23 23-0307 | EA | 1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling | 110.63 | 50.53 |
| | | *For Work In Restricted Working Space, Add* | *30.30* | |
| 40 05 23 23-0308 | EA | 2", 150#, Type 304 Stainless Steel Threaded Coupling | 135.84 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0309 | EA | 2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling | 223.38 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0310 | EA | 3", 150#, Type 304 Stainless Steel Threaded Coupling | 288.31 | 124.87 |
| | | *For Work In Restricted Working Space, Add* | *74.94* | |
| 40 05 23 23-0311 | EA | 4", 150#, Type 304 Stainless Steel Threaded Coupling | 369.60 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-0312 Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings *(40 05 23 23-0231)*

### 40 05 23 23-0313 Type 316, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0312)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0314 | LF | 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 21.94 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *2.99* | |
| 40 05 23 23-0315 | LF | 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 25.98 | 6.28 |
| | | *For Work In Restricted Working Space, Add* | *3.75* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0316 | LF | 1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 32.81 | 7.55 |
| | | *For Work In Restricted Working Space, Add* | *4.50* | |
| 40 05 23 23-0317 | LF | 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 40.08 | 8.71 |
| | | *For Work In Restricted Working Space, Add* | *5.24* | |
| 40 05 23 23-0318 | LF | 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 46.61 | 9.87 |
| | | *For Work In Restricted Working Space, Add* | *5.96* | |
| 40 05 23 23-0319 | LF | 2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 60.14 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 40 05 23 23-0320 | LF | 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 82.28 | 14.87 |
| | | *For Work In Restricted Working Space, Add* | *8.94* | |
| 40 05 23 23-0321 | LF | 3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 107.40 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0322 | LF | 4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting | 144.14 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |

### 40 05 23 23-0323 150#, Type 316 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0312)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0324 | EA | 1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 40.82 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0325 | EA | 3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 54.27 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0326 | EA | 1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 68.87 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0327 | EA | 1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 96.47 | 42.98 |
| | | *For Work In Restricted Working Space, Add* | *25.81* | |
| 40 05 23 23-0328 | EA | 1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 114.91 | 50.53 |
| | | *For Work In Restricted Working Space, Add* | *30.30* | |
| 40 05 23 23-0329 | EA | 2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 139.85 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0330 | EA | 2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 232.21 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0331 | EA | 3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 302.94 | 124.87 |
| | | *For Work In Restricted Working Space, Add* | *74.94* | |
| 40 05 23 23-0332 | EA | 4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow | 407.40 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-0333 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0312)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0334 | EA | 1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 41.45 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0335 | EA | 3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 54.66 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0336 | EA | 1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 69.33 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0337 | EA | 1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 96.34 | 42.98 |
| | | *For Work In Restricted Working Space, Add* | *25.81* | |
| 40 05 23 23-0338 | EA | 1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 113.26 | 50.53 |
| | | *For Work In Restricted Working Space, Add* | *30.30* | |
| 40 05 23 23-0339 | EA | 2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 139.39 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0340 | EA | 2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 238.44 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0341 | EA | 3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 314.52 | 124.87 |
| | | *For Work In Restricted Working Space, Add* | *74.94* | |
| 40 05 23 23-0342 | EA | 4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow | 431.62 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-0343 150#, Type 316 Stainless Steel Threaded Tees *(40 05 23 23-0312)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0344 | EA | 1/2", 150#, Type 316 Stainless Steel Threaded Tee | 61.00 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0345 | EA | 3/4", 150#, Type 316 Stainless Steel Threaded Tee | 81.33 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0346 | EA | 1", 150#, Type 316 Stainless Steel Threaded Tee | 100.94 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 40 05 23 23-0347 | EA | 1-1/4", 150#, Type 316 Stainless Steel Threaded Tee | 145.03 | 64.59 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 40 05 23 23-0348 | EA | 1-1/2", 150#, Type 316 Stainless Steel Threaded Tee | 164.56 | 72.60 |
| | | *For Work In Restricted Working Space, Add* | *43.56* | |
| 40 05 23 23-0349 | EA | 2", 150#, Type 316 Stainless Steel Threaded Tee | 218.53 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0350 | EA | 2-1/2", 150#, Type 316 Stainless Steel Threaded Tee | 338.20 | 139.97 |
| | | *For Work In Restricted Working Space, Add* | *83.97* | |
| 40 05 23 23-0351 | EA | 3", 150#, Type 316 Stainless Steel Threaded Tee | 457.92 | 187.37 |
| | | *For Work In Restricted Working Space, Add* | *112.42* | |
| 40 05 23 23-0352 | EA | 4", 150#, Type 316 Stainless Steel Threaded Tee | 600.20 | 232.33 |
| | | *For Work In Restricted Working Space, Add* | *139.40* | |

### 40 05 23 23-0353 150#, Type 316 Stainless Steel Threaded Reducers *(40 05 23 23-0312)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0354 | EA | 3/4", 150#, Type 316 Stainless Steel Threaded Reducer | 53.38 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0355 | EA | 1", 150#, Type 316 Stainless Steel Threaded Reducer | 69.31 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0356 | EA | 1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer | 92.91 | 42.98 |
| | | *For Work In Restricted Working Space, Add* | *25.81* | |
| 40 05 23 23-0357 | EA | 1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer | 112.38 | 50.53 |
| | | *For Work In Restricted Working Space, Add* | *30.30* | |
| 40 05 23 23-0358 | EA | 2", 150#, Type 316 Stainless Steel Threaded Reducer | 141.44 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0359 | EA | 2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer | 235.19 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0360 | EA | 3", 150#, Type 316 Stainless Steel Threaded Reducer | 306.40 | 124.87 |
| | | *For Work In Restricted Working Space, Add* | *74.94* | |
| 40 05 23 23-0361 | EA | 4", 150#, Type 316 Stainless Steel Threaded Reducer | 403.61 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-0362 150#, Type 316 Stainless Steel Threaded Caps *(40 05 23 23-0312)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0363 | EA | 1/2", 150#, Type 316 Stainless Steel Threaded Cap | 20.92 | 9.41 |
| | | *For Work In Restricted Working Space, Add* | *5.62* | |
| 40 05 23 23-0364 | EA | 3/4", 150#, Type 316 Stainless Steel Threaded Cap | 27.47 | 12.54 |
| | | *For Work In Restricted Working Space, Add* | *7.49* | |
| 40 05 23 23-0365 | EA | 1", 150#, Type 316 Stainless Steel Threaded Cap | 34.80 | 15.45 |
| | | *For Work In Restricted Working Space, Add* | *9.29* | |
| 40 05 23 23-0366 | EA | 1-1/4", 150#, Type 316 Stainless Steel Threaded Cap | 51.37 | 21.96 |
| | | *For Work In Restricted Working Space, Add* | *13.15* | |
| 40 05 23 23-0367 | EA | 1-1/2", 150#, Type 316 Stainless Steel Threaded Cap | 59.09 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0368 | EA | 2", 150#, Type 316 Stainless Steel Threaded Cap | 75.16 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0369 | EA | 2-1/2", 150#, Type 316 Stainless Steel Threaded Cap | 114.85 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 40 05 23 23-0370 | EA | 3", 150#, Type 316 Stainless Steel Threaded Cap | 150.98 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0371 | EA | 4", 150#, Type 316 Stainless Steel Threaded Cap | 204.75 | 77.48 |
| | | *For Work In Restricted Working Space, Add* | *46.46* | |

### 40 05 23 23-0372 150#, Type 316 Stainless Steel Threaded Unions *(40 05 23 23-0312)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0373 | EA | 1/2", 150#, Type 316 Stainless Steel Threaded Union | 64.89 | 28.34 |
| | | *For Work In Restricted Working Space, Add* | *17.00* | |
| 40 05 23 23-0374 | EA | 3/4", 150#, Type 316 Stainless Steel Threaded Union | 87.85 | 37.52 |
| | | *For Work In Restricted Working Space, Add* | *22.48* | |
| 40 05 23 23-0375 | EA | 1", 150#, Type 316 Stainless Steel Threaded Union | 108.66 | 46.47 |
| | | *For Work In Restricted Working Space, Add* | *27.88* | |
| 40 05 23 23-0376 | EA | 1-1/4", 150#, Type 316 Stainless Steel Threaded Union | 156.29 | 64.59 |
| | | *For Work In Restricted Working Space, Add* | *38.72* | |
| 40 05 23 23-0377 | EA | 1-1/2", 150#, Type 316 Stainless Steel Threaded Union | 176.09 | 72.60 |
| | | *For Work In Restricted Working Space, Add* | *43.56* | |
| 40 05 23 23-0378 | EA | 2", 150#, Type 316 Stainless Steel Threaded Union | 230.45 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0379 | EA | 2-1/2", 150#, Type 316 Stainless Steel Threaded Union | 385.09 | 145.20 |
| | | *For Work In Restricted Working Space, Add* | *87.12* | |
| 40 05 23 23-0380 | EA | 3", 150#, Type 316 Stainless Steel Threaded Union | 506.38 | 187.37 |
| | | *For Work In Restricted Working Space, Add* | *112.42* | |
| 40 05 23 23-0381 | EA | 4", 150#, Type 316 Stainless Steel Threaded Union | 534.08 | 154.90 |
| | | *For Work In Restricted Working Space, Add* | *92.94* | |

### 40 05 23 23-0382 150#, Type 316 Stainless Steel Threaded Couplings *(40 05 23 23-0312)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0383 | EA | 1/2", 150#, Type 316 Stainless Steel Threaded Coupling | 41.37 | 18.71 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-0384 | EA | 3/4", 150#, Type 316 Stainless Steel Threaded Coupling | 53.51 | 24.74 |
| | | *For Work In Restricted Working Space, Add* | *14.83* | |
| 40 05 23 23-0385 | EA | 1", 150#, Type 316 Stainless Steel Threaded Coupling | 68.58 | 31.37 |
| | | *For Work In Restricted Working Space, Add* | *18.84* | |
| 40 05 23 23-0386 | EA | 1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling | 95.25 | 42.98 |
| | | *For Work In Restricted Working Space, Add* | *25.81* | |
| 40 05 23 23-0387 | EA | 1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling | 111.96 | 50.53 |
| | | *For Work In Restricted Working Space, Add* | *30.30* | |
| 40 05 23 23-0388 | EA | 2", 150#, Type 316 Stainless Steel Threaded Coupling | 137.67 | 61.10 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0389 | EA | 2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling | 229.79 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-0390 | EA | 3", 150#, Type 316 Stainless Steel Threaded Coupling | 296.56 | 124.87 |
| | | *For Work In Restricted Working Space, Add* | *74.94* | |
| 40 05 23 23-0391 | EA | 4", 150#, Type 316 Stainless Steel Threaded Coupling | 381.98 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-0392 Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

### 40 05 23 23-0393 Type 304, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0392)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0394 | LF | 1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 20.14 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *3.00* | |
| 40 05 23 23-0395 | LF | 3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 23.95 | 6.11 |
| | | *For Work In Restricted Working Space, Add* | *3.67* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0396 | LF | 1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 31.81 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 40 05 23 23-0397 | LF | 1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 38.82 | 9.00 |
| | | *For Work In Restricted Working Space, Add* | *5.38* | |
| 40 05 23 23-0398 | LF | 1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 43.17 | 10.11 |
| | | *For Work In Restricted Working Space, Add* | *6.06* | |
| 40 05 23 23-0399 | LF | 2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 53.39 | 12.55 |
| | | *For Work In Restricted Working Space, Add* | *7.51* | |
| 40 05 23 23-0400 | LF | 2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 63.88 | 14.33 |
| | | *For Work In Restricted Working Space, Add* | *8.58* | |
| 40 05 23 23-0401 | LF | 3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 75.45 | 16.11 |
| | | *For Work In Restricted Working Space, Add* | *9.66* | |
| 40 05 23 23-0402 | LF | 4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 94.84 | 19.11 |
| | | *For Work In Restricted Working Space, Add* | *11.43* | |
| 40 05 23 23-0403 | LF | 6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 138.60 | 25.11 |
| | | *For Work In Restricted Working Space, Add* | *15.01* | |
| 40 05 23 23-0404 | LF | 8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 222.74 | 40.68 |
| | | *For Work In Restricted Working Space, Add* | *26.14* | |
| 40 05 23 23-0405 | LF | 10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 286.81 | 44.72 |
| | | *For Work In Restricted Working Space, Add* | *28.75* | |
| 40 05 23 23-0406 | LF | 12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 344.51 | 49.73 |
| | | *For Work In Restricted Working Space, Add* | *31.94* | |
| 40 05 23 23-0407 | LF | 14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 425.53 | 55.90 |
| | | *For Work In Restricted Working Space, Add* | *35.94* | |
| 40 05 23 23-0408 | LF | 16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 467.81 | 63.89 |
| | | *For Work In Restricted Working Space, Add* | *41.07* | |
| 40 05 23 23-0409 | LF | 18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 523.16 | 74.53 |
| | | *For Work In Restricted Working Space, Add* | *47.91* | |
| 40 05 23 23-0410 | LF | 20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 730.87 | 89.44 |
| | | *For Work In Restricted Working Space, Add* | *57.50* | |
| 40 05 23 23-0411 | LF | 24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting | 954.72 | 111.80 |
| | | *For Work In Restricted Working Space, Add* | *71.87* | |

### 40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow *(40 05 23 23-0392)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0413 | EA | 1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 130.84 | 56.98 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-0414 | EA | 3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 138.63 | 60.49 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-0415 | EA | 1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 152.68 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0416 | EA | 1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 166.59 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0417 | EA | 1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 183.99 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0418 | EA | 2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 205.49 | 89.00 |
| | | *For Work In Restricted Working Space, Add* | *59.34* | |
| 40 05 23 23-0419 | EA | 2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 266.31 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0420 | EA | 3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 312.34 | 133.51 |
| | | *For Work In Restricted Working Space, Add* | *89.00* | |
| 40 05 23 23-0421 | EA | 4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 380.71 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0422 | EA | 6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 512.20 | 199.62 |
| | | *For Work In Restricted Working Space, Add* | *133.08* | |
| 40 05 23 23-0423 | EA | 8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 810.40 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0424 | EA | 10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 1,182.71 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0425 | EA | 12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 1,785.06 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0426 | EA | 14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 2,107.83 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0427 | EA | 16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 2,468.55 | 819.85 |
| | | *For Work In Restricted Working Space, Add* | *546.57* | |
| 40 05 23 23-0428 | EA | 18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 3,117.07 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0429 | EA | 20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 4,347.54 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0430 | EA | 24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow | 6,238.10 | 2,053.54 |
| | | *For Work In Restricted Working Space, Add* | *1,369.03* | |

### 40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow *(40 05 23 23-0392)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0432 | EA | 1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 132.09 | 56.98 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-0433 | EA | 3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 139.88 | 60.49 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-0434 | EA | 1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 154.17 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0435 | EA | 1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 168.58 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0436 | EA | 1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 184.24 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0437 | EA | 2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 205.49 | 89.00 |
| | | *For Work In Restricted Working Space, Add* | *59.34* | |
| 40 05 23 23-0438 | EA | 2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 265.07 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0439 | EA | 3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 310.10 | 133.51 |
| | | *For Work In Restricted Working Space, Add* | *89.00* | |
| 40 05 23 23-0440 | EA | 4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 376.48 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0441 | EA | 6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 490.09 | 199.62 |
| | | *For Work In Restricted Working Space, Add* | *133.08* | |
| 40 05 23 23-0442 | EA | 8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 767.73 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0443 | EA | 10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 1,106.75 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0444 | EA | 12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 1,664.80 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0445 | EA | 14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 1,960.23 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0446 | EA | 16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 2,286.38 | 819.85 |
| | | *For Work In Restricted Working Space, Add* | *546.57* | |
| 40 05 23 23-0447 | EA | 18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 2,877.84 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0448 | EA | 20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 4,024.73 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0449 | EA | 24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow | 5,780.18 | 2,053.54 |
| | | *For Work In Restricted Working Space, Add* | *1,369.03* | |

### 40 05 23 23-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee *(40 05 23 23-0392)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0451 | EA | 1/2", Type 304, Schedule 10 Stainless Steel Tee | 174.61 | 72.43 |
| | | *For Work In Restricted Working Space, Add* | *48.28* | |
| 40 05 23 23-0452 | EA | 3/4", Type 304, Schedule 10 Stainless Steel Tee | 211.24 | 88.91 |
| | | *For Work In Restricted Working Space, Add* | *59.27* | |
| 40 05 23 23-0453 | EA | 1", Type 304, Schedule 10 Stainless Steel Tee | 235.65 | 99.90 |
| | | *For Work In Restricted Working Space, Add* | *66.59* | |
| 40 05 23 23-0454 | EA | 1-1/4", Type 304, Schedule 10 Stainless Steel Tee | 268.32 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0455 | EA | 1-1/2", Type 304, Schedule 10 Stainless Steel Tee | 285.39 | 122.27 |
| | | *For Work In Restricted Working Space, Add* | *81.52* | |
| 40 05 23 23-0456 | EA | 2", Type 304, Schedule 10 Stainless Steel Tee | 311.04 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0457 | EA | 2-1/2", Type 304, Schedule 10 Stainless Steel Tee | 396.49 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0458 | EA | 3", Type 304, Schedule 10 Stainless Steel Tee | 471.87 | 200.27 |
| | | *For Work In Restricted Working Space, Add* | *133.51* | |
| 40 05 23 23-0459 | EA | 4", Type 304, Schedule 10 Stainless Steel Tee | 539.72 | 224.76 |
| | | *For Work In Restricted Working Space, Add* | *149.84* | |
| 40 05 23 23-0460 | EA | 6", Type 304, Schedule 10 Stainless Steel Tee | 773.07 | 299.67 |
| | | *For Work In Restricted Working Space, Add* | *199.79* | |
| 40 05 23 23-0461 | EA | 8", Type 304, Schedule 10 Stainless Steel Tee | 1,165.26 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0462 | EA | 10", Type 304, Schedule 10 Stainless Steel Tee | 1,785.06 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0463 | EA | 12", Type 304, Schedule 10 Stainless Steel Tee | 2,289.17 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0464 | EA | 14", Type 304, Schedule 10 Stainless Steel Tee | 2,809.96 | 925.41 |
| | | *For Work In Restricted Working Space, Add* | *616.94* | |
| 40 05 23 23-0465 | EA | 16", Type 304, Schedule 10 Stainless Steel Tee | 3,406.01 | 1,128.91 |
| | | *For Work In Restricted Working Space, Add* | *752.61* | |
| 40 05 23 23-0466 | EA | 18", Type 304, Schedule 10 Stainless Steel Tee | 4,334.28 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0467 | EA | 20", Type 304, Schedule 10 Stainless Steel Tee | 5,787.64 | 1,891.42 |
| | | *For Work In Restricted Working Space, Add* | *1,260.95* | |
| 40 05 23 23-0468 | EA | 24", Type 304, Schedule 10 Stainless Steel Tee | 8,687.40 | 2,874.95 |
| | | *For Work In Restricted Working Space, Add* | *1,916.64* | |

### 40 05 23 23-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0392)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0470 | EA | 3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee | 158.82 | 60.51 |
| | | *For Work In Restricted Working Space, Add* | *40.34* | |
| 40 05 23 23-0471 | EA | 1", Type 304, Schedule 10 Stainless Steel Reducing Tee | 189.12 | 74.14 |
| | | *For Work In Restricted Working Space, Add* | *49.43* | |
| 40 05 23 23-0472 | EA | 1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee | 229.60 | 83.31 |
| | | *For Work In Restricted Working Space, Add* | *55.54* | |
| 40 05 23 23-0473 | EA | 1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee | 241.63 | 94.97 |
| | | *For Work In Restricted Working Space, Add* | *63.32* | |
| 40 05 23 23-0474 | EA | 2", Type 304, Schedule 10 Stainless Steel Reducing Tee | 254.39 | 102.05 |
| | | *For Work In Restricted Working Space, Add* | *68.04* | |
| 40 05 23 23-0475 | EA | 2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee | 321.96 | 111.21 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 40 05 23 23-0476 | EA | 3", Type 304, Schedule 10 Stainless Steel Reducing Tee | 380.25 | 133.30 |
| | | *For Work In Restricted Working Space, Add* | *88.88* | |
| 40 05 23 23-0477 | EA | 4", Type 304, Schedule 10 Stainless Steel Reducing Tee | 469.67 | 166.62 |
| | | *For Work In Restricted Working Space, Add* | *111.08* | |
| 40 05 23 23-0478 | EA | 6", Type 304, Schedule 10 Stainless Steel Reducing Tee | 606.48 | 190.38 |
| | | *For Work In Restricted Working Space, Add* | *126.92* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0479 | EA | 8", Type 304, Schedule 10 Stainless Steel Reducing Tee | 1,055.71 | 256.69 |
| | | *For Work In Restricted Working Space, Add* | *171.13* | |
| 40 05 23 23-0480 | EA | 10", Type 304, Schedule 10 Stainless Steel Reducing Tee | 1,718.00 | 342.26 |
| | | *For Work In Restricted Working Space, Add* | *228.17* | |
| 40 05 23 23-0481 | EA | 12", Type 304, Schedule 10 Stainless Steel Reducing Tee | 2,461.44 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-0482 | EA | 14", Type 304, Schedule 10 Stainless Steel Reducing Tee | 2,984.70 | 616.77 |
| | | *For Work In Restricted Working Space, Add* | *411.18* | |
| 40 05 23 23-0483 | EA | 16", Type 304, Schedule 10 Stainless Steel Reducing Tee | 3,693.35 | 752.34 |
| | | *For Work In Restricted Working Space, Add* | *501.56* | |
| 40 05 23 23-0484 | EA | 18", Type 304, Schedule 10 Stainless Steel Reducing Tee | 4,765.71 | 958.32 |
| | | *For Work In Restricted Working Space, Add* | *638.88* | |
| 40 05 23 23-0485 | EA | 20", Type 304, Schedule 10 Stainless Steel Reducing Tee | 6,749.74 | 1,260.95 |
| | | *For Work In Restricted Working Space, Add* | *840.63* | |
| 40 05 23 23-0486 | EA | 24", Type 304, Schedule 10 Stainless Steel Reducing Tee | 10,542.75 | 1,914.93 |
| | | *For Work In Restricted Working Space, Add* | *1,276.62* | |

### 40 05 23 23-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0392)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0488 | EA | 3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 130.72 | 55.02 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0489 | EA | 1", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 143.69 | 59.96 |
| | | *For Work In Restricted Working Space, Add* | *39.98* | |
| 40 05 23 23-0490 | EA | 1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 159.28 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0491 | EA | 1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 170.19 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0492 | EA | 2", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 185.98 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0493 | EA | 2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 246.52 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0494 | EA | 3", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 279.02 | 113.82 |
| | | *For Work In Restricted Working Space, Add* | *75.88* | |
| 40 05 23 23-0495 | EA | 4", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 326.25 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0496 | EA | 6", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 420.05 | 169.78 |
| | | *For Work In Restricted Working Space, Add* | *113.19* | |
| 40 05 23 23-0497 | EA | 8", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 616.27 | 246.42 |
| | | *For Work In Restricted Working Space, Add* | *164.28* | |
| 40 05 23 23-0498 | EA | 10", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 782.49 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0499 | EA | 12", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 1,051.45 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0500 | EA | 14", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 1,486.52 | 539.05 |
| | | *For Work In Restricted Working Space, Add* | *359.37* | |
| 40 05 23 23-0501 | EA | 16", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 1,733.95 | 614.30 |
| | | *For Work In Restricted Working Space, Add* | *409.54* | |
| 40 05 23 23-0502 | EA | 18", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 2,138.33 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0503 | EA | 20", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 2,987.20 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0504 | EA | 24", Type 304, Schedule 10 Stainless Steel Concentric Reducer | 4,323.49 | 1,540.16 |
| | | *For Work In Restricted Working Space, Add* | *1,026.77* | |
| 40 05 23 23-0505 | EA | 3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 154.08 | 55.02 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0506 | EA | 1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 160.84 | 59.96 |
| | | *For Work In Restricted Working Space, Add* | *39.98* | |
| 40 05 23 23-0507 | EA | 1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 171.03 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0508 | EA | 1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 191.56 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0509 | EA | 2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 201.39 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0510 | EA | 2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 263.42 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0511 | EA | 3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 295.67 | 113.82 |
| | | *For Work In Restricted Working Space, Add* | *75.88* | |
| 40 05 23 23-0512 | EA | 4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 339.13 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0513 | EA | 6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 466.52 | 169.78 |
| | | *For Work In Restricted Working Space, Add* | *113.19* | |
| 40 05 23 23-0514 | EA | 8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 715.90 | 246.42 |
| | | *For Work In Restricted Working Space, Add* | *164.28* | |
| 40 05 23 23-0515 | EA | 10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 976.82 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0516 | EA | 12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 1,231.02 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0517 | EA | 14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 1,900.76 | 539.05 |
| | | *For Work In Restricted Working Space, Add* | *359.37* | |
| 40 05 23 23-0518 | EA | 16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 2,208.60 | 614.30 |
| | | *For Work In Restricted Working Space, Add* | *409.54* | |
| 40 05 23 23-0519 | EA | 18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 2,717.62 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0520 | EA | 20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 3,915.48 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0521 | EA | 24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer | 5,553.76 | 1,540.16 |
| | | *For Work In Restricted Working Space, Add* | *1,026.77* | |

## 40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0392)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0523 | EA | 1/2", Type 304, Schedule 10 Stainless Steel Cap | 71.01 | 28.50 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 40 05 23 23-0524 | EA | 3/4", Type 304, Schedule 10 Stainless Steel Cap | 77.65 | 30.23 |
| | | *For Work In Restricted Working Space, Add* | *20.16* | |
| 40 05 23 23-0525 | EA | 1", Type 304, Schedule 10 Stainless Steel Cap | 85.29 | 33.24 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 40 05 23 23-0526 | EA | 1-1/4", Type 304, Schedule 10 Stainless Steel Cap | 93.80 | 36.22 |
| | | *For Work In Restricted Working Space, Add* | *24.15* | |
| 40 05 23 23-0527 | EA | 1-1/2", Type 304, Schedule 10 Stainless Steel Cap | 101.08 | 40.00 |
| | | *For Work In Restricted Working Space, Add* | *26.67* | |
| 40 05 23 23-0528 | EA | 2", Type 304, Schedule 10 Stainless Steel Cap | 109.58 | 44.50 |
| | | *For Work In Restricted Working Space, Add* | *29.67* | |
| 40 05 23 23-0529 | EA | 2-1/2", Type 304, Schedule 10 Stainless Steel Cap | 141.98 | 56.96 |
| | | *For Work In Restricted Working Space, Add* | *37.97* | |
| 40 05 23 23-0530 | EA | 3", Type 304, Schedule 10 Stainless Steel Cap | 161.52 | 66.76 |
| | | *For Work In Restricted Working Space, Add* | *44.51* | |
| 40 05 23 23-0531 | EA | 4", Type 304, Schedule 10 Stainless Steel Cap | 194.46 | 79.90 |
| | | *For Work In Restricted Working Space, Add* | *53.27* | |
| 40 05 23 23-0532 | EA | 6", Type 304, Schedule 10 Stainless Steel Cap | 249.75 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0533 | EA | 8", Type 304, Schedule 10 Stainless Steel Cap | 391.92 | 154.01 |
| | | *For Work In Restricted Working Space, Add* | *102.68* | |
| 40 05 23 23-0534 | EA | 10", Type 304, Schedule 10 Stainless Steel Cap | 521.95 | 205.35 |
| | | *For Work In Restricted Working Space, Add* | *136.90* | |
| 40 05 23 23-0535 | EA | 12", Type 304, Schedule 10 Stainless Steel Cap | 770.01 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0536 | EA | 14", Type 304, Schedule 10 Stainless Steel Cap | 903.37 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-0537 | EA | 16", Type 304, Schedule 10 Stainless Steel Cap | 1,046.09 | 409.93 |
| | | *For Work In Restricted Working Space, Add* | *273.29* | |
| 40 05 23 23-0538 | EA | 18", Type 304, Schedule 10 Stainless Steel Cap | 1,320.35 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-0539 | EA | 20", Type 304, Schedule 10 Stainless Steel Cap | 1,825.44 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0540 | EA | 24", Type 304, Schedule 10 Stainless Steel Cap | 2,683.87 | 1,026.77 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |

## 40 05 23 23-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

## 40 05 23 23-0542 Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0541)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0543 | LF | 1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 22.63 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *3.00* | |
| 40 05 23 23-0544 | LF | 3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 27.48 | 6.11 |
| | | *For Work In Restricted Working Space, Add* | *3.67* | |
| 40 05 23 23-0545 | LF | 1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 33.71 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 40 05 23 23-0546 | LF | 1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 42.14 | 8.88 |
| | | *For Work In Restricted Working Space, Add* | *5.38* | |
| 40 05 23 23-0547 | LF | 1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 48.57 | 9.99 |
| | | *For Work In Restricted Working Space, Add* | *6.06* | |
| 40 05 23 23-0548 | LF | 2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 62.28 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *7.51* | |
| 40 05 23 23-0549 | LF | 2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 77.44 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *8.58* | |
| 40 05 23 23-0550 | LF | 3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 75.21 | 16.11 |
| | | *For Work In Restricted Working Space, Add* | *9.66* | |
| 40 05 23 23-0551 | LF | 4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 125.08 | 18.88 |
| | | *For Work In Restricted Working Space, Add* | *11.43* | |
| 40 05 23 23-0552 | LF | 6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 195.34 | 24.99 |
| | | *For Work In Restricted Working Space, Add* | *15.01* | |
| 40 05 23 23-0553 | LF | 8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 336.23 | 40.46 |
| | | *For Work In Restricted Working Space, Add* | *26.14* | |
| 40 05 23 23-0554 | LF | 10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 427.97 | 44.72 |
| | | *For Work In Restricted Working Space, Add* | *28.75* | |
| 40 05 23 23-0555 | LF | 12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting | 535.50 | 49.51 |
| | | *For Work In Restricted Working Space, Add* | *31.94* | |

## 40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0541)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0557 | EA | 1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 131.84 | 56.98 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-0558 | EA | 3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 139.63 | 60.49 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-0559 | EA | 1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 153.43 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0560 | EA | 1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 167.14 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0561 | EA | 1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 184.49 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0562 | EA | 2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 207.23 | 89.00 |
| | | *For Work In Restricted Working Space, Add* | *59.34* | |
| 40 05 23 23-0563 | EA | 2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 272.77 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0564 | EA | 3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 321.78 | 133.51 |
| | | *For Work In Restricted Working Space, Add* | *89.00* | |
| 40 05 23 23-0565 | EA | 4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 396.61 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0566 | EA | 6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 613.85 | 199.62 |
| | | *For Work In Restricted Working Space, Add* | *133.08* | |
| 40 05 23 23-0567 | EA | 8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 948.91 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0568 | EA | 10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 1,463.73 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0569 | EA | 12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 2,149.56 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0570 | EA | 14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 2,550.02 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0571 | EA | 16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 3,036.60 | 819.85 |
| | | *For Work In Restricted Working Space, Add* | *546.57* | |
| 40 05 23 23-0572 | EA | 18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 3,906.36 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0573 | EA | 20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 5,321.75 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0574 | EA | 24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow | 7,627.97 | 2,053.54 |
| | | *For Work In Restricted Working Space, Add* | *1,369.03* | |

### 40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0541)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0576 | EA | 1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 133.58 | 56.98 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-0577 | EA | 3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 141.37 | 60.49 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-0578 | EA | 1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 154.67 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0579 | EA | 1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 168.40 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0580 | EA | 1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 185.73 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0581 | EA | 2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 207.50 | 89.00 |
| | | *For Work In Restricted Working Space, Add* | *59.34* | |
| 40 05 23 23-0582 | EA | 2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 272.77 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0583 | EA | 3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 314.82 | 133.51 |
| | | *For Work In Restricted Working Space, Add* | *89.00* | |
| 40 05 23 23-0584 | EA | 4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 400.34 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0585 | EA | 6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 529.10 | 199.62 |
| | | *For Work In Restricted Working Space, Add* | *133.08* | |
| 40 05 23 23-0586 | EA | 8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 860.06 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0587 | EA | 10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 1,241.76 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0588 | EA | 12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 1,822.10 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0589 | EA | 14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 2,071.16 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0590 | EA | 16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 2,466.46 | 819.85 |
| | | *For Work In Restricted Working Space, Add* | *546.57* | |
| 40 05 23 23-0591 | EA | 18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 3,110.96 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0592 | EA | 20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 4,248.46 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0593 | EA | 24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow | 6,160.06 | 2,053.54 |
| | | *For Work In Restricted Working Space, Add* | *1,369.03* | |

### 40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0541)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0595 | EA | 1/2", Type 304, Schedule 40 Stainless Steel Tee | 175.60 | 72.43 |
| | | *For Work In Restricted Working Space, Add* | *48.28* | |
| 40 05 23 23-0596 | EA | 3/4", Type 304, Schedule 40 Stainless Steel Tee | 212.23 | 88.91 |
| | | *For Work In Restricted Working Space, Add* | *59.27* | |
| 40 05 23 23-0597 | EA | 1", Type 304, Schedule 40 Stainless Steel Tee | 236.64 | 99.90 |
| | | *For Work In Restricted Working Space, Add* | *66.59* | |
| 40 05 23 23-0598 | EA | 1-1/4", Type 304, Schedule 40 Stainless Steel Tee | 270.85 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0599 | EA | 1-1/2", Type 304, Schedule 40 Stainless Steel Tee | 286.38 | 122.27 |
| | | *For Work In Restricted Working Space, Add* | *81.52* | |
| 40 05 23 23-0600 | EA | 2", Type 304, Schedule 40 Stainless Steel Tee | 312.29 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0601 | EA | 2-1/2", Type 304, Schedule 40 Stainless Steel Tee | 399.85 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0602 | EA | 3", Type 304, Schedule 40 Stainless Steel Tee | 477.09 | 200.27 |
| | | *For Work In Restricted Working Space, Add* | *133.51* | |
| 40 05 23 23-0603 | EA | 4", Type 304, Schedule 40 Stainless Steel Tee | 545.44 | 224.76 |
| | | *For Work In Restricted Working Space, Add* | *149.84* | |
| 40 05 23 23-0604 | EA | 6", Type 304, Schedule 40 Stainless Steel Tee | 812.58 | 299.67 |
| | | *For Work In Restricted Working Space, Add* | *199.79* | |
| 40 05 23 23-0605 | EA | 8", Type 304, Schedule 40 Stainless Steel Tee | 1,282.55 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0606 | EA | 10", Type 304, Schedule 40 Stainless Steel Tee | 2,145.01 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0607 | EA | 12", Type 304, Schedule 40 Stainless Steel Tee | 2,668.71 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0608 | EA | 14", Type 304, Schedule 40 Stainless Steel Tee | 3,574.74 | 925.41 |
| | | *For Work In Restricted Working Space, Add* | *616.94* | |
| 40 05 23 23-0609 | EA | 16", Type 304, Schedule 40 Stainless Steel Tee | 4,522.54 | 1,128.91 |
| | | *For Work In Restricted Working Space, Add* | *752.61* | |
| 40 05 23 23-0610 | EA | 18", Type 304, Schedule 40 Stainless Steel Tee | 5,850.25 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0611 | EA | 20", Type 304, Schedule 40 Stainless Steel Tee | 7,565.84 | 1,891.42 |
| | | *For Work In Restricted Working Space, Add* | *1,260.95* | |
| 40 05 23 23-0612 | EA | 24", Type 304, Schedule 40 Stainless Steel Tee | 11,575.40 | 2,874.95 |
| | | *For Work In Restricted Working Space, Add* | *1,916.64* | |

## 40 05 23 23-0613 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0541)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0614 | EA | 3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee | 162.05 | 60.51 |
| | | *For Work In Restricted Working Space, Add* | *40.34* | |
| 40 05 23 23-0615 | EA | 1", Type 304, Schedule 40 Stainless Steel Reducing Tee | 192.35 | 74.14 |
| | | *For Work In Restricted Working Space, Add* | *49.43* | |
| 40 05 23 23-0616 | EA | 1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee | 245.15 | 83.31 |
| | | *For Work In Restricted Working Space, Add* | *55.54* | |
| 40 05 23 23-0617 | EA | 1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee | 246.35 | 94.97 |
| | | *For Work In Restricted Working Space, Add* | *63.32* | |
| 40 05 23 23-0618 | EA | 2", Type 304, Schedule 40 Stainless Steel Reducing Tee | 254.39 | 102.05 |
| | | *For Work In Restricted Working Space, Add* | *68.04* | |
| 40 05 23 23-0619 | EA | 2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee | 306.07 | 111.21 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 40 05 23 23-0620 | EA | 3", Type 304, Schedule 40 Stainless Steel Reducing Tee | 345.21 | 133.30 |
| | | *For Work In Restricted Working Space, Add* | *88.88* | |
| 40 05 23 23-0621 | EA | 4", Type 304, Schedule 40 Stainless Steel Reducing Tee | 451.28 | 166.62 |
| | | *For Work In Restricted Working Space, Add* | *111.08* | |
| 40 05 23 23-0622 | EA | 6", Type 304, Schedule 40 Stainless Steel Reducing Tee | 609.47 | 190.38 |
| | | *For Work In Restricted Working Space, Add* | *126.92* | |
| 40 05 23 23-0623 | EA | 8", Type 304, Schedule 40 Stainless Steel Reducing Tee | 950.22 | 256.69 |
| | | *For Work In Restricted Working Space, Add* | *171.13* | |
| 40 05 23 23-0624 | EA | 10", Type 304, Schedule 40 Stainless Steel Reducing Tee | 1,751.01 | 342.26 |
| | | *For Work In Restricted Working Space, Add* | *228.17* | |
| 40 05 23 23-0625 | EA | 12", Type 304, Schedule 40 Stainless Steel Reducing Tee | 2,527.47 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-0626 | EA | 14", Type 304, Schedule 40 Stainless Steel Reducing Tee | 2,892.05 | 616.77 |
| | | *For Work In Restricted Working Space, Add* | *411.18* | |
| 40 05 23 23-0627 | EA | 16", Type 304, Schedule 40 Stainless Steel Reducing Tee | 3,577.32 | 752.34 |
| | | *For Work In Restricted Working Space, Add* | *501.56* | |
| 40 05 23 23-0628 | EA | 18", Type 304, Schedule 40 Stainless Steel Reducing Tee | 4,614.40 | 958.32 |
| | | *For Work In Restricted Working Space, Add* | *638.88* | |
| 40 05 23 23-0629 | EA | 20", Type 304, Schedule 40 Stainless Steel Reducing Tee | 6,523.14 | 1,260.95 |
| | | *For Work In Restricted Working Space, Add* | *840.63* | |
| 40 05 23 23-0630 | EA | 24", Type 304, Schedule 40 Stainless Steel Reducing Tee | 10,181.86 | 1,914.93 |
| | | *For Work In Restricted Working Space, Add* | *1,276.62* | |

## 40 05 23 23-0631 Type 304, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0541)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0632 | EA | 3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 133.21 | 55.02 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0633 | EA | 1", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 146.17 | 59.96 |
| | | *For Work In Restricted Working Space, Add* | *39.98* | |
| 40 05 23 23-0634 | EA | 1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 159.46 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0635 | EA | 1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 172.67 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0636 | EA | 2", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 187.47 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0637 | EA | 2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 246.52 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0638 | EA | 3", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 270.07 | 113.82 |
| | | *For Work In Restricted Working Space, Add* | *75.88* | |
| 40 05 23 23-0639 | EA | 4", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 313.53 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0640 | EA | 6", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 422.04 | 169.78 |
| | | *For Work In Restricted Working Space, Add* | *113.19* | |
| 40 05 23 23-0641 | EA | 8", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 658.47 | 246.42 |
| | | *For Work In Restricted Working Space, Add* | *164.28* | |
| 40 05 23 23-0642 | EA | 10", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 854.96 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0643 | EA | 12", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 1,116.13 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0644 | EA | 14", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 1,631.68 | 539.05 |
| | | *For Work In Restricted Working Space, Add* | *359.37* | |
| 40 05 23 23-0645 | EA | 16", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 1,916.43 | 614.30 |
| | | *For Work In Restricted Working Space, Add* | *409.54* | |
| 40 05 23 23-0646 | EA | 18", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 2,507.86 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0647 | EA | 20", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 3,423.09 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0648 | EA | 24", Type 304, Schedule 40 Stainless Steel Concentric Reducer | 4,774.89 | 1,540.16 |
| | | *For Work In Restricted Working Space, Add* | *1,026.77* | |
| 40 05 23 23-0649 | EA | 3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 155.09 | 55.02 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0650 | EA | 1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 166.06 | 59.96 |
| | | *For Work In Restricted Working Space, Add* | *39.98* | |
| 40 05 23 23-0651 | EA | 1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 188.92 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0652 | EA | 1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 200.75 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0653 | EA | 2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 215.56 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0654 | EA | 2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 263.42 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0655 | EA | 3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 326.48 | 113.82 |
| | | *For Work In Restricted Working Space, Add* | *75.88* | |
| 40 05 23 23-0656 | EA | 4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 360.00 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0657 | EA | 6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 487.15 | 169.78 |
| | | *For Work In Restricted Working Space, Add* | *113.19* | |
| 40 05 23 23-0658 | EA | 8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 718.05 | 246.42 |
| | | *For Work In Restricted Working Space, Add* | *164.28* | |
| 40 05 23 23-0659 | EA | 10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 974.94 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0660 | EA | 12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 1,328.72 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0661 | EA | 14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 2,152.75 | 539.05 |
| | | *For Work In Restricted Working Space, Add* | *359.37* | |
| 40 05 23 23-0662 | EA | 16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 2,442.33 | 614.30 |
| | | *For Work In Restricted Working Space, Add* | *409.54* | |
| 40 05 23 23-0663 | EA | 18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 3,188.22 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0664 | EA | 20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 4,147.73 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0665 | EA | 24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer | 6,583.16 | 1,540.16 |
| | | *For Work In Restricted Working Space, Add* | *1,026.77* | |

### 40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0541)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0667 | EA | 1/2", Type 304, Schedule 40 Stainless Steel Cap | 71.76 | 28.50 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 40 05 23 23-0668 | EA | 3/4", Type 304, Schedule 40 Stainless Steel Cap | 76.90 | 30.23 |
| | | *For Work In Restricted Working Space, Add* | *20.16* | |
| 40 05 23 23-0669 | EA | 1", Type 304, Schedule 40 Stainless Steel Cap | 86.04 | 33.24 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 40 05 23 23-0670 | EA | 1-1/4", Type 304, Schedule 40 Stainless Steel Cap | 97.12 | 36.22 |
| | | *For Work In Restricted Working Space, Add* | *24.15* | |
| 40 05 23 23-0671 | EA | 1-1/2", Type 304, Schedule 40 Stainless Steel Cap | 104.31 | 40.00 |
| | | *For Work In Restricted Working Space, Add* | *26.67* | |
| 40 05 23 23-0672 | EA | 2", Type 304, Schedule 40 Stainless Steel Cap | 109.33 | 44.50 |
| | | *For Work In Restricted Working Space, Add* | *29.67* | |
| 40 05 23 23-0673 | EA | 2-1/2", Type 304, Schedule 40 Stainless Steel Cap | 140.31 | 56.96 |
| | | *For Work In Restricted Working Space, Add* | *37.97* | |
| 40 05 23 23-0674 | EA | 3", Type 304, Schedule 40 Stainless Steel Cap | 162.52 | 66.76 |
| | | *For Work In Restricted Working Space, Add* | *44.51* | |
| 40 05 23 23-0675 | EA | 4", Type 304, Schedule 40 Stainless Steel Cap | 197.44 | 79.90 |
| | | *For Work In Restricted Working Space, Add* | *53.27* | |
| 40 05 23 23-0676 | EA | 6", Type 304, Schedule 40 Stainless Steel Cap | 268.14 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0677 | EA | 8", Type 304, Schedule 40 Stainless Steel Cap | 421.45 | 154.01 |
| | | *For Work In Restricted Working Space, Add* | *102.68* | |
| 40 05 23 23-0678 | EA | 10", Type 304, Schedule 40 Stainless Steel Cap | 563.70 | 205.35 |
| | | *For Work In Restricted Working Space, Add* | *136.90* | |
| 40 05 23 23-0679 | EA | 12", Type 304, Schedule 40 Stainless Steel Cap | 849.59 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0680 | EA | 14", Type 304, Schedule 40 Stainless Steel Cap | 976.27 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-0681 | EA | 16", Type 304, Schedule 40 Stainless Steel Cap | 1,146.37 | 409.93 |
| | | *For Work In Restricted Working Space, Add* | *273.29* | |
| 40 05 23 23-0682 | EA | 18", Type 304, Schedule 40 Stainless Steel Cap | 1,439.20 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-0683 | EA | 20", Type 304, Schedule 40 Stainless Steel Cap | 1,983.92 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0684 | EA | 24", Type 304, Schedule 40 Stainless Steel Cap | 2,948.86 | 1,026.77 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |


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| | MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|---|
| 40 05 23 23-0685 | | | Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)* | | |
| 40 05 23 23-0686 | | | Type 316, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0685)* | | |
| 40 05 23 23-0687 | | LF | 1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 23.30 | 5.00 |
| | | | *For Work In Restricted Working Space, Add* | *3.00* | |
| 40 05 23 23-0688 | | LF | 3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 27.61 | 6.11 |
| | | | *For Work In Restricted Working Space, Add* | *3.67* | |
| 40 05 23 23-0689 | | LF | 1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 37.27 | 7.22 |
| | | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 40 05 23 23-0690 | | LF | 1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 45.34 | 9.00 |
| | | | *For Work In Restricted Working Space, Add* | *5.38* | |
| 40 05 23 23-0691 | | LF | 1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 50.35 | 10.11 |
| | | | *For Work In Restricted Working Space, Add* | *6.06* | |
| 40 05 23 23-0692 | | LF | 2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 62.25 | 12.55 |
| | | | *For Work In Restricted Working Space, Add* | *7.51* | |
| 40 05 23 23-0693 | | LF | 2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 74.90 | 14.33 |
| | | | *For Work In Restricted Working Space, Add* | *8.58* | |
| 40 05 23 23-0694 | | LF | 3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 88.95 | 16.11 |
| | | | *For Work In Restricted Working Space, Add* | *9.66* | |
| 40 05 23 23-0695 | | LF | 4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 112.56 | 19.11 |
| | | | *For Work In Restricted Working Space, Add* | *11.43* | |
| 40 05 23 23-0696 | | LF | 6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 166.26 | 25.11 |
| | | | *For Work In Restricted Working Space, Add* | *15.01* | |
| 40 05 23 23-0697 | | LF | 8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 265.10 | 40.68 |
| | | | *For Work In Restricted Working Space, Add* | *26.14* | |
| 40 05 23 23-0698 | | LF | 10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 346.45 | 44.72 |
| | | | *For Work In Restricted Working Space, Add* | *28.75* | |
| 40 05 23 23-0699 | | LF | 12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 418.85 | 49.73 |
| | | | *For Work In Restricted Working Space, Add* | *31.94* | |
| 40 05 23 23-0700 | | LF | 14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 521.01 | 55.90 |
| | | | *For Work In Restricted Working Space, Add* | *35.94* | |
| 40 05 23 23-0701 | | LF | 16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 571.14 | 63.89 |
| | | | *For Work In Restricted Working Space, Add* | *41.07* | |
| 40 05 23 23-0702 | | LF | 18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 636.67 | 74.53 |
| | | | *For Work In Restricted Working Space, Add* | *47.91* | |
| 40 05 23 23-0703 | | LF | 20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 899.26 | 89.44 |
| | | | *For Work In Restricted Working Space, Add* | *57.50* | |
| 40 05 23 23-0704 | | LF | 24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting | 1,178.05 | 111.80 |
| | | | *For Work In Restricted Working Space, Add* | *71.87* | |
| 40 05 23 23-0705 | | | Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0685)* | | |
| 40 05 23 23-0706 | | EA | 1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 132.09 | 56.98 |
| | | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-0707 | | EA | 3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 139.88 | 60.49 |
| | | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-0708 | | EA | 1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 154.17 | 66.47 |
| | | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0709 | | EA | 1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 168.76 | 72.45 |
| | | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0710 | | EA | 1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 185.48 | 80.00 |
| | | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0711 | | EA | 2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 207.23 | 89.00 |
| | | | *For Work In Restricted Working Space, Add* | *59.34* | |
| 40 05 23 23-0712 | | EA | 2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 269.54 | 113.91 |
| | | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0713 | | EA | 3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 317.06 | 133.51 |
| | | | *For Work In Restricted Working Space, Add* | *89.00* | |
| 40 05 23 23-0714 | | EA | 4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 387.92 | 159.80 |
| | | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0715 | | EA | 6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 531.09 | 199.62 |
| | | | *For Work In Restricted Working Space, Add* | *133.08* | |
| 40 05 23 23-0716 | | EA | 8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 845.57 | 308.04 |
| | | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0717 | | EA | 10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 1,264.02 | 410.71 |
| | | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0718 | | EA | 12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 1,895.92 | 616.06 |
| | | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0719 | | EA | 14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 2,212.15 | 718.74 |
| | | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0720 | | EA | 16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 2,633.55 | 819.85 |
| | | | *For Work In Restricted Working Space, Add* | *546.57* | |
| 40 05 23 23-0721 | | EA | 18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 3,314.93 | 1,026.78 |
| | | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0722 | | EA | 20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 4,630.18 | 1,437.47 |
| | | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0723 | | EA | 24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow | 6,658.09 | 2,053.54 |
| | | | *For Work In Restricted Working Space, Add* | *1,369.03* | |
| 40 05 23 23-0724 | | | Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0685)* | | |
| 40 05 23 23-0725 | | EA | 1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 133.58 | 56.98 |
| | | | *For Work In Restricted Working Space, Add* | *37.99* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0726 | EA | 3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 141.37 | 60.49 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-0727 | EA | 1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 155.66 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0728 | EA | 1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 170.75 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0729 | EA | 1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 185.48 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0730 | EA | 2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 207.23 | 89.00 |
| | | *For Work In Restricted Working Space, Add* | *59.34* | |
| 40 05 23 23-0731 | EA | 2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 268.05 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0732 | EA | 3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 314.82 | 133.51 |
| | | *For Work In Restricted Working Space, Add* | *89.00* | |
| 40 05 23 23-0733 | EA | 4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 382.70 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0734 | EA | 6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 500.27 | 199.62 |
| | | *For Work In Restricted Working Space, Add* | *133.08* | |
| 40 05 23 23-0735 | EA | 8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 790.27 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0736 | EA | 10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 1,241.76 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0737 | EA | 12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 1,822.10 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0738 | EA | 14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 2,142.98 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0739 | EA | 16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 2,506.74 | 819.85 |
| | | *For Work In Restricted Working Space, Add* | *546.57* | |
| 40 05 23 23-0740 | EA | 18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 3,165.59 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0741 | EA | 20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 4,496.00 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0742 | EA | 24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow | 6,479.37 | 2,053.54 |
| | | *For Work In Restricted Working Space, Add* | *1,369.03* | |

### 40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees *(40 05 23 23-0685)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0744 | EA | 1/2", Type 316, Schedule 10 Stainless Steel Tee | 177.84 | 72.43 |
| | | *For Work In Restricted Working Space, Add* | *48.28* | |
| 40 05 23 23-0745 | EA | 3/4", Type 316, Schedule 10 Stainless Steel Tee | 214.47 | 88.91 |
| | | *For Work In Restricted Working Space, Add* | *59.27* | |
| 40 05 23 23-0746 | EA | 1", Type 316, Schedule 10 Stainless Steel Tee | 238.88 | 99.90 |
| | | *For Work In Restricted Working Space, Add* | *66.59* | |
| 40 05 23 23-0747 | EA | 1-1/4", Type 316, Schedule 10 Stainless Steel Tee | 274.29 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0748 | EA | 1-1/2", Type 316, Schedule 10 Stainless Steel Tee | 290.11 | 122.27 |
| | | *For Work In Restricted Working Space, Add* | *81.52* | |
| 40 05 23 23-0749 | EA | 2", Type 316, Schedule 10 Stainless Steel Tee | 315.27 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0750 | EA | 2-1/2", Type 316, Schedule 10 Stainless Steel Tee | 382.95 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0751 | EA | 3", Type 316, Schedule 10 Stainless Steel Tee | 480.07 | 200.27 |
| | | *For Work In Restricted Working Space, Add* | *133.51* | |
| 40 05 23 23-0752 | EA | 4", Type 316, Schedule 10 Stainless Steel Tee | 550.91 | 224.76 |
| | | *For Work In Restricted Working Space, Add* | *149.84* | |
| 40 05 23 23-0753 | EA | 6", Type 316, Schedule 10 Stainless Steel Tee | 805.13 | 299.67 |
| | | *For Work In Restricted Working Space, Add* | *199.79* | |
| 40 05 23 23-0754 | EA | 8", Type 316, Schedule 10 Stainless Steel Tee | 1,249.53 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0755 | EA | 10", Type 316, Schedule 10 Stainless Steel Tee | 1,946.91 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0756 | EA | 12", Type 316, Schedule 10 Stainless Steel Tee | 2,503.62 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0757 | EA | 14", Type 316, Schedule 10 Stainless Steel Tee | 3,207.61 | 925.41 |
| | | *For Work In Restricted Working Space, Add* | *616.94* | |
| 40 05 23 23-0758 | EA | 16", Type 316, Schedule 10 Stainless Steel Tee | 3,791.10 | 1,128.91 |
| | | *For Work In Restricted Working Space, Add* | *752.61* | |
| 40 05 23 23-0759 | EA | 18", Type 316, Schedule 10 Stainless Steel Tee | 4,818.80 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0760 | EA | 20", Type 316, Schedule 10 Stainless Steel Tee | 6,494.21 | 1,891.42 |
| | | *For Work In Restricted Working Space, Add* | *1,260.95* | |
| 40 05 23 23-0761 | EA | 24", Type 316, Schedule 10 Stainless Steel Tee | 9,307.10 | 2,874.95 |
| | | *For Work In Restricted Working Space, Add* | *1,916.64* | |

### 40 05 23 23-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0685)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0763 | EA | 3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee | 166.52 | 60.51 |
| | | *For Work In Restricted Working Space, Add* | *40.34* | |
| 40 05 23 23-0764 | EA | 1", Type 316, Schedule 10 Stainless Steel Reducing Tee | 198.31 | 74.14 |
| | | *For Work In Restricted Working Space, Add* | *49.43* | |
| 40 05 23 23-0765 | EA | 1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee | 240.81 | 83.31 |
| | | *For Work In Restricted Working Space, Add* | *55.54* | |
| 40 05 23 23-0766 | EA | 1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee | 249.33 | 94.97 |
| | | *For Work In Restricted Working Space, Add* | *63.32* | |
| 40 05 23 23-0767 | EA | 2", Type 316, Schedule 10 Stainless Steel Reducing Tee | 265.07 | 102.05 |
| | | *For Work In Restricted Working Space, Add* | *68.04* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0768 | EA | 2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee | 354.27 | 111.21 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 40 05 23 23-0769 | EA | 3", Type 316, Schedule 10 Stainless Steel Reducing Tee | 351.17 | 133.30 |
| | | *For Work In Restricted Working Space, Add* | *88.88* | |
| 40 05 23 23-0770 | EA | 4", Type 316, Schedule 10 Stainless Steel Reducing Tee | 469.67 | 166.62 |
| | | *For Work In Restricted Working Space, Add* | *111.08* | |
| 40 05 23 23-0771 | EA | 6", Type 316, Schedule 10 Stainless Steel Reducing Tee | 652.46 | 190.38 |
| | | *For Work In Restricted Working Space, Add* | *126.92* | |
| 40 05 23 23-0772 | EA | 8", Type 316, Schedule 10 Stainless Steel Reducing Tee | 1,189.38 | 256.69 |
| | | *For Work In Restricted Working Space, Add* | *171.13* | |
| 40 05 23 23-0773 | EA | 10", Type 316, Schedule 10 Stainless Steel Reducing Tee | 2,163.83 | 342.26 |
| | | *For Work In Restricted Working Space, Add* | *228.17* | |
| 40 05 23 23-0774 | EA | 12", Type 316, Schedule 10 Stainless Steel Reducing Tee | 2,841.24 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-0775 | EA | 14", Type 316, Schedule 10 Stainless Steel Reducing Tee | 3,236.33 | 616.77 |
| | | *For Work In Restricted Working Space, Add* | *411.18* | |
| 40 05 23 23-0776 | EA | 16", Type 316, Schedule 10 Stainless Steel Reducing Tee | 4,008.49 | 752.34 |
| | | *For Work In Restricted Working Space, Add* | *501.56* | |
| 40 05 23 23-0777 | EA | 18", Type 316, Schedule 10 Stainless Steel Reducing Tee | 5,176.67 | 958.32 |
| | | *For Work In Restricted Working Space, Add* | *638.88* | |
| 40 05 23 23-0778 | EA | 20", Type 316, Schedule 10 Stainless Steel Reducing Tee | 7,365.15 | 1,260.95 |
| | | *For Work In Restricted Working Space, Add* | *840.63* | |
| 40 05 23 23-0779 | EA | 24", Type 316, Schedule 10 Stainless Steel Reducing Tee | 11,522.91 | 1,914.93 |
| | | *For Work In Restricted Working Space, Add* | *1,276.62* | |

## 40 05 23 23-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0685)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0781 | EA | 3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 132.96 | 55.02 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0782 | EA | 1", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 146.42 | 59.96 |
| | | *For Work In Restricted Working Space, Add* | *39.98* | |
| 40 05 23 23-0783 | EA | 1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 163.25 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0784 | EA | 1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 171.93 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0785 | EA | 2", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 187.47 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0786 | EA | 2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 245.48 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0787 | EA | 3", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 284.98 | 113.82 |
| | | *For Work In Restricted Working Space, Add* | *75.88* | |
| 40 05 23 23-0788 | EA | 4", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 315.30 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0789 | EA | 6", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 432.22 | 169.78 |
| | | *For Work In Restricted Working Space, Add* | *113.19* | |
| 40 05 23 23-0790 | EA | 8", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 629.00 | 246.42 |
| | | *For Work In Restricted Working Space, Add* | *164.28* | |
| 40 05 23 23-0791 | EA | 10", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 812.30 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0792 | EA | 12", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 1,086.62 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0793 | EA | 14", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 1,534.95 | 539.05 |
| | | *For Work In Restricted Working Space, Add* | *359.37* | |
| 40 05 23 23-0794 | EA | 16", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 1,779.81 | 614.30 |
| | | *For Work In Restricted Working Space, Add* | *409.54* | |
| 40 05 23 23-0795 | EA | 18", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 2,205.74 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0796 | EA | 20", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 3,091.36 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0797 | EA | 24", Type 316, Schedule 10 Stainless Steel Concentric Reducer | 4,508.18 | 1,540.16 |
| | | *For Work In Restricted Working Space, Add* | *1,026.77* | |
| 40 05 23 23-0798 | EA | 3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 152.27 | 55.02 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0799 | EA | 1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 169.36 | 59.96 |
| | | *For Work In Restricted Working Space, Add* | *39.98* | |
| 40 05 23 23-0800 | EA | 1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 190.46 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0801 | EA | 1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 203.74 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0802 | EA | 2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 207.11 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0803 | EA | 2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 272.61 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0804 | EA | 3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 312.82 | 113.82 |
| | | *For Work In Restricted Working Space, Add* | *75.88* | |
| 40 05 23 23-0805 | EA | 4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 353.04 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0806 | EA | 6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 497.09 | 169.78 |
| | | *For Work In Restricted Working Space, Add* | *113.19* | |
| 40 05 23 23-0807 | EA | 8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 769.58 | 246.42 |
| | | *For Work In Restricted Working Space, Add* | *164.28* | |
| 40 05 23 23-0808 | EA | 10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 1,054.39 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0809 | EA | 12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 1,337.84 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |

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| CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0810 | EA | 14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 2,011.36 | 539.05 |
| | | *For Work In Restricted Working Space, Add* | *359.37* | |
| 40 05 23 23-0811 | EA | 16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 2,355.61 | 614.30 |
| | | *For Work In Restricted Working Space, Add* | *409.54* | |
| 40 05 23 23-0812 | EA | 18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 2,921.14 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0813 | EA | 20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 4,235.50 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0814 | EA | 24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer | 5,866.93 | 1,540.16 |
| | | *For Work In Restricted Working Space, Add* | *1,026.77* | |

### 40 05 23 23-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0685)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0816 | EA | 1/2", Type 316, Schedule 10 Stainless Steel Cap | 74.25 | 28.50 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 40 05 23 23-0817 | EA | 3/4", Type 316, Schedule 10 Stainless Steel Cap | 81.87 | 30.23 |
| | | *For Work In Restricted Working Space, Add* | *20.16* | |
| 40 05 23 23-0818 | EA | 1", Type 316, Schedule 10 Stainless Steel Cap | 89.77 | 33.24 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 40 05 23 23-0819 | EA | 1-1/4", Type 316, Schedule 10 Stainless Steel Cap | 98.11 | 36.22 |
| | | *For Work In Restricted Working Space, Add* | *24.15* | |
| 40 05 23 23-0820 | EA | 1-1/2", Type 316, Schedule 10 Stainless Steel Cap | 106.30 | 40.00 |
| | | *For Work In Restricted Working Space, Add* | *26.67* | |
| 40 05 23 23-0821 | EA | 2", Type 316, Schedule 10 Stainless Steel Cap | 112.56 | 44.50 |
| | | *For Work In Restricted Working Space, Add* | *29.67* | |
| 40 05 23 23-0822 | EA | 2-1/2", Type 316, Schedule 10 Stainless Steel Cap | 141.03 | 56.96 |
| | | *For Work In Restricted Working Space, Add* | *37.97* | |
| 40 05 23 23-0823 | EA | 3", Type 316, Schedule 10 Stainless Steel Cap | 166.74 | 66.76 |
| | | *For Work In Restricted Working Space, Add* | *44.51* | |
| 40 05 23 23-0824 | EA | 4", Type 316, Schedule 10 Stainless Steel Cap | 199.68 | 79.90 |
| | | *For Work In Restricted Working Space, Add* | *53.27* | |
| 40 05 23 23-0825 | EA | 6", Type 316, Schedule 10 Stainless Steel Cap | 258.94 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0826 | EA | 8", Type 316, Schedule 10 Stainless Steel Cap | 408.29 | 154.01 |
| | | *For Work In Restricted Working Space, Add* | *102.68* | |
| 40 05 23 23-0827 | EA | 10", Type 316, Schedule 10 Stainless Steel Cap | 541.83 | 205.35 |
| | | *For Work In Restricted Working Space, Add* | *136.90* | |
| 40 05 23 23-0828 | EA | 12", Type 316, Schedule 10 Stainless Steel Cap | 799.09 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0829 | EA | 14", Type 316, Schedule 10 Stainless Steel Cap | 929.59 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-0830 | EA | 16", Type 316, Schedule 10 Stainless Steel Cap | 1,068.24 | 409.93 |
| | | *For Work In Restricted Working Space, Add* | *273.29* | |
| 40 05 23 23-0831 | EA | 18", Type 316, Schedule 10 Stainless Steel Cap | 1,345.75 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-0832 | EA | 20", Type 316, Schedule 10 Stainless Steel Cap | 1,865.94 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0833 | EA | 24", Type 316, Schedule 10 Stainless Steel Cap | 2,808.57 | 1,026.77 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |

### 40 05 23 23-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

### 40 05 23 23-0835 Type 316, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0834)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0836 | LF | 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 26.85 | 5.00 |
| | | *For Work In Restricted Working Space, Add* | *3.00* | |
| 40 05 23 23-0837 | LF | 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 32.58 | 6.11 |
| | | *For Work In Restricted Working Space, Add* | *3.67* | |
| 40 05 23 23-0838 | LF | 1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 40.20 | 7.22 |
| | | *For Work In Restricted Working Space, Add* | *4.30* | |
| 40 05 23 23-0839 | LF | 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 50.24 | 8.88 |
| | | *For Work In Restricted Working Space, Add* | *5.38* | |
| 40 05 23 23-0840 | LF | 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 58.06 | 9.99 |
| | | *For Work In Restricted Working Space, Add* | *6.06* | |
| 40 05 23 23-0841 | LF | 2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 74.75 | 12.78 |
| | | *For Work In Restricted Working Space, Add* | *7.51* | |
| 40 05 23 23-0842 | LF | 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 93.78 | 14.44 |
| | | *For Work In Restricted Working Space, Add* | *8.58* | |
| 40 05 23 23-0843 | LF | 3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 89.59 | 16.11 |
| | | *For Work In Restricted Working Space, Add* | *9.66* | |
| 40 05 23 23-0844 | LF | 4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 154.18 | 18.88 |
| | | *For Work In Restricted Working Space, Add* | *11.43* | |
| 40 05 23 23-0845 | LF | 6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 243.95 | 24.99 |
| | | *For Work In Restricted Working Space, Add* | *15.01* | |
| 40 05 23 23-0846 | LF | 8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 419.56 | 40.46 |
| | | *For Work In Restricted Working Space, Add* | *26.14* | |
| 40 05 23 23-0847 | LF | 10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 539.08 | 44.72 |
| | | *For Work In Restricted Working Space, Add* | *28.75* | |
| 40 05 23 23-0848 | LF | 12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting | 679.01 | 49.51 |
| | | *For Work In Restricted Working Space, Add* | *31.94* | |

### 40 05 23 23-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0834)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0850 | EA | 1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 133.33 | 56.98 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-0851 | EA | 3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 141.12 | 60.49 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-0852 | EA | 1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 155.41 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0853 | EA | 1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 169.30 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0854 | EA | 1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 186.73 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0855 | EA | 2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 210.22 | 89.00 |
| | | *For Work In Restricted Working Space, Add* | *59.34* | |
| 40 05 23 23-0856 | EA | 2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 278.74 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0857 | EA | 3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 329.98 | 133.51 |
| | | *For Work In Restricted Working Space, Add* | *89.00* | |
| 40 05 23 23-0858 | EA | 4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 416.25 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0859 | EA | 6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 630.50 | 199.62 |
| | | *For Work In Restricted Working Space, Add* | *133.08* | |
| 40 05 23 23-0860 | EA | 8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 1,035.86 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0861 | EA | 10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 1,680.06 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0862 | EA | 12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 2,399.19 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0863 | EA | 14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 2,687.17 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0864 | EA | 16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 3,253.71 | 819.85 |
| | | *For Work In Restricted Working Space, Add* | *546.57* | |
| 40 05 23 23-0865 | EA | 18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 4,151.31 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0866 | EA | 20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 5,613.92 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0867 | EA | 24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow | 8,143.00 | 2,053.54 |
| | | *For Work In Restricted Working Space, Add* | *1,369.03* | |

### 40 05 23 23-0868 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0834)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0869 | EA | 1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 135.82 | 56.98 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-0870 | EA | 3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 143.61 | 60.49 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-0871 | EA | 1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 156.91 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0872 | EA | 1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 170.03 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0873 | EA | 1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 188.22 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0874 | EA | 2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 210.22 | 89.00 |
| | | *For Work In Restricted Working Space, Add* | *59.34* | |
| 40 05 23 23-0875 | EA | 2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 278.74 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0876 | EA | 3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 320.29 | 133.51 |
| | | *For Work In Restricted Working Space, Add* | *89.00* | |
| 40 05 23 23-0877 | EA | 4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 397.86 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0878 | EA | 6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 554.95 | 199.62 |
| | | *For Work In Restricted Working Space, Add* | *133.08* | |
| 40 05 23 23-0879 | EA | 8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 902.74 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0880 | EA | 10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 1,373.28 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0881 | EA | 12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 1,988.51 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0882 | EA | 14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 2,262.13 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0883 | EA | 16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 2,556.38 | 819.85 |
| | | *For Work In Restricted Working Space, Add* | *546.57* | |
| 40 05 23 23-0884 | EA | 18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 3,283.19 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0885 | EA | 20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 4,468.77 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0886 | EA | 24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow | 6,613.69 | 2,053.54 |
| | | *For Work In Restricted Working Space, Add* | *1,369.03* | |

### 40 05 23 23-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0834)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0888 | EA | 1/2", Type 316, Schedule 40 Stainless Steel Tee | 179.33 | 72.43 |
| | | *For Work In Restricted Working Space, Add* | *48.28* | |
| 40 05 23 23-0889 | EA | 3/4", Type 316, Schedule 40 Stainless Steel Tee | 215.96 | 88.91 |
| | | *For Work In Restricted Working Space, Add* | *59.27* | |
| 40 05 23 23-0890 | EA | 1", Type 316, Schedule 40 Stainless Steel Tee | 240.37 | 99.90 |
| | | *For Work In Restricted Working Space, Add* | *66.59* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0891 | EA | 1-1/4", Type 316, Schedule 40 Stainless Steel Tee | 276.46 | 113.91 |
| | | *For Work In Restricted Working Space, Add* | *75.94* | |
| 40 05 23 23-0892 | EA | 1-1/2", Type 316, Schedule 40 Stainless Steel Tee | 290.11 | 122.27 |
| | | *For Work In Restricted Working Space, Add* | *81.52* | |
| 40 05 23 23-0893 | EA | 2", Type 316, Schedule 40 Stainless Steel Tee | 316.26 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0894 | EA | 2-1/2", Type 316, Schedule 40 Stainless Steel Tee | 391.80 | 159.80 |
| | | *For Work In Restricted Working Space, Add* | *106.53* | |
| 40 05 23 23-0895 | EA | 3", Type 316, Schedule 40 Stainless Steel Tee | 484.79 | 200.27 |
| | | *For Work In Restricted Working Space, Add* | *133.51* | |
| 40 05 23 23-0896 | EA | 4", Type 316, Schedule 40 Stainless Steel Tee | 559.11 | 224.76 |
| | | *For Work In Restricted Working Space, Add* | *149.84* | |
| 40 05 23 23-0897 | EA | 6", Type 316, Schedule 40 Stainless Steel Tee | 863.53 | 299.67 |
| | | *For Work In Restricted Working Space, Add* | *199.79* | |
| 40 05 23 23-0898 | EA | 8", Type 316, Schedule 40 Stainless Steel Tee | 1,399.58 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0899 | EA | 10", Type 316, Schedule 40 Stainless Steel Tee | 2,343.09 | 616.06 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| 40 05 23 23-0900 | EA | 12", Type 316, Schedule 40 Stainless Steel Tee | 2,883.44 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0901 | EA | 14", Type 316, Schedule 40 Stainless Steel Tee | 4,101.07 | 925.41 |
| | | *For Work In Restricted Working Space, Add* | *616.94* | |
| 40 05 23 23-0902 | EA | 16", Type 316, Schedule 40 Stainless Steel Tee | 5,078.61 | 1,128.91 |
| | | *For Work In Restricted Working Space, Add* | *752.61* | |
| 40 05 23 23-0903 | EA | 18", Type 316, Schedule 40 Stainless Steel Tee | 6,573.89 | 1,437.47 |
| | | *For Work In Restricted Working Space, Add* | *958.32* | |
| 40 05 23 23-0904 | EA | 20", Type 316, Schedule 40 Stainless Steel Tee | 8,544.72 | 1,891.42 |
| | | *For Work In Restricted Working Space, Add* | *1,260.95* | |
| 40 05 23 23-0905 | EA | 24", Type 316, Schedule 40 Stainless Steel Tee | 12,268.61 | 2,874.95 |
| | | *For Work In Restricted Working Space, Add* | *1,916.64* | |

### 40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0834)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0907 | EA | 3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee | 171.24 | 60.51 |
| | | *For Work In Restricted Working Space, Add* | *40.34* | |
| 40 05 23 23-0908 | EA | 1", Type 316, Schedule 40 Stainless Steel Reducing Tee | 201.54 | 74.14 |
| | | *For Work In Restricted Working Space, Add* | *49.43* | |
| 40 05 23 23-0909 | EA | 1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee | 260.69 | 83.31 |
| | | *For Work In Restricted Working Space, Add* | *55.54* | |
| 40 05 23 23-0910 | EA | 1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee | 257.04 | 94.97 |
| | | *For Work In Restricted Working Space, Add* | *63.32* | |
| 40 05 23 23-0911 | EA | 2", Type 316, Schedule 40 Stainless Steel Reducing Tee | 265.07 | 102.05 |
| | | *For Work In Restricted Working Space, Add* | *68.04* | |
| 40 05 23 23-0912 | EA | 2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee | 355.76 | 111.21 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 40 05 23 23-0913 | EA | 3", Type 316, Schedule 40 Stainless Steel Reducing Tee | 361.86 | 133.30 |
| | | *For Work In Restricted Working Space, Add* | *88.88* | |
| 40 05 23 23-0914 | EA | 4", Type 316, Schedule 40 Stainless Steel Reducing Tee | 480.36 | 166.62 |
| | | *For Work In Restricted Working Space, Add* | *111.08* | |
| 40 05 23 23-0915 | EA | 6", Type 316, Schedule 40 Stainless Steel Reducing Tee | 659.17 | 190.38 |
| | | *For Work In Restricted Working Space, Add* | *126.92* | |
| 40 05 23 23-0916 | EA | 8", Type 316, Schedule 40 Stainless Steel Reducing Tee | 1,057.32 | 256.69 |
| | | *For Work In Restricted Working Space, Add* | *171.13* | |
| 40 05 23 23-0917 | EA | 10", Type 316, Schedule 40 Stainless Steel Reducing Tee | 2,196.85 | 342.26 |
| | | *For Work In Restricted Working Space, Add* | *228.17* | |
| 40 05 23 23-0918 | EA | 12", Type 316, Schedule 40 Stainless Steel Reducing Tee | 2,907.27 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-0919 | EA | 14", Type 316, Schedule 40 Stainless Steel Reducing Tee | 3,308.78 | 616.77 |
| | | *For Work In Restricted Working Space, Add* | *411.18* | |
| 40 05 23 23-0920 | EA | 16", Type 316, Schedule 40 Stainless Steel Reducing Tee | 4,099.23 | 752.34 |
| | | *For Work In Restricted Working Space, Add* | *501.56* | |
| 40 05 23 23-0921 | EA | 18", Type 316, Schedule 40 Stainless Steel Reducing Tee | 5,294.99 | 958.32 |
| | | *For Work In Restricted Working Space, Add* | *638.88* | |
| 40 05 23 23-0922 | EA | 20", Type 316, Schedule 40 Stainless Steel Reducing Tee | 7,542.35 | 1,260.95 |
| | | *For Work In Restricted Working Space, Add* | *840.63* | |
| 40 05 23 23-0923 | EA | 24", Type 316, Schedule 40 Stainless Steel Reducing Tee | 11,805.13 | 1,914.93 |
| | | *For Work In Restricted Working Space, Add* | *1,276.62* | |

### 40 05 23 23-0924 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0834)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0925 | EA | 3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 136.93 | 55.02 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0926 | EA | 1", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 150.40 | 59.96 |
| | | *For Work In Restricted Working Space, Add* | *39.98* | |
| 40 05 23 23-0927 | EA | 1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 165.06 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0928 | EA | 1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 176.40 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0929 | EA | 2", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 190.21 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0930 | EA | 2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 254.22 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0931 | EA | 3", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 275.29 | 113.82 |
| | | *For Work In Restricted Working Space, Add* | *75.88* | |
| 40 05 23 23-0932 | EA | 4", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 318.75 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0933 | EA | 6", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 433.96 | 169.78 |
| | | *For Work In Restricted Working Space, Add* | *113.19* | |
| 40 05 23 23-0934 | EA | 8", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 681.01 | 246.42 |
| | | *For Work In Restricted Working Space, Add* | *164.28* | |
| 40 05 23 23-0935 | EA | 10", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 910.26 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0936 | EA | 12", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 1,156.94 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0937 | EA | 14", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 1,668.90 | 539.05 |
| | | *For Work In Restricted Working Space, Add* | *359.37* | |
| 40 05 23 23-0938 | EA | 16", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 1,922.37 | 614.30 |
| | | *For Work In Restricted Working Space, Add* | *409.54* | |
| 40 05 23 23-0939 | EA | 18", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 2,561.83 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0940 | EA | 20", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 3,472.26 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0941 | EA | 24", Type 316, Schedule 40 Stainless Steel Concentric Reducer | 4,989.13 | 1,540.16 |
| | | *For Work In Restricted Working Space, Add* | *1,026.77* | |
| 40 05 23 23-0942 | EA | 3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 165.02 | 55.02 |
| | | *For Work In Restricted Working Space, Add* | *36.68* | |
| 40 05 23 23-0943 | EA | 1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 176.00 | 59.96 |
| | | *For Work In Restricted Working Space, Add* | *39.98* | |
| 40 05 23 23-0944 | EA | 1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 203.38 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.31* | |
| 40 05 23 23-0945 | EA | 1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 211.44 | 72.45 |
| | | *For Work In Restricted Working Space, Add* | *48.30* | |
| 40 05 23 23-0946 | EA | 2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 227.49 | 80.00 |
| | | *For Work In Restricted Working Space, Add* | *53.33* | |
| 40 05 23 23-0947 | EA | 2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 272.61 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0948 | EA | 3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 347.11 | 113.82 |
| | | *For Work In Restricted Working Space, Add* | *75.88* | |
| 40 05 23 23-0949 | EA | 4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 380.38 | 133.37 |
| | | *For Work In Restricted Working Space, Add* | *88.91* | |
| 40 05 23 23-0950 | EA | 6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 535.12 | 169.78 |
| | | *For Work In Restricted Working Space, Add* | *113.19* | |
| 40 05 23 23-0951 | EA | 8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 756.70 | 246.42 |
| | | *For Work In Restricted Working Space, Add* | *164.28* | |
| 40 05 23 23-0952 | EA | 10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 1,076.67 | 308.04 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0953 | EA | 12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 1,489.77 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-0954 | EA | 14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 2,228.09 | 539.05 |
| | | *For Work In Restricted Working Space, Add* | *359.37* | |
| 40 05 23 23-0955 | EA | 16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 2,566.11 | 614.30 |
| | | *For Work In Restricted Working Space, Add* | *409.54* | |
| 40 05 23 23-0956 | EA | 18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 3,441.83 | 770.07 |
| | | *For Work In Restricted Working Space, Add* | *513.38* | |
| 40 05 23 23-0957 | EA | 20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 4,429.69 | 1,026.78 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0958 | EA | 24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer | 6,640.96 | 1,540.16 |
| | | *For Work In Restricted Working Space, Add* | *1,026.77* | |

### 40 05 23 23-0959 Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0834)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-0960 | EA | 1/2", Type 316, Schedule 40 Stainless Steel Cap | 74.74 | 28.50 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 40 05 23 23-0961 | EA | 3/4", Type 316, Schedule 40 Stainless Steel Cap | 81.62 | 30.23 |
| | | *For Work In Restricted Working Space, Add* | *20.16* | |
| 40 05 23 23-0962 | EA | 1", Type 316, Schedule 40 Stainless Steel Cap | 90.26 | 33.24 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 40 05 23 23-0963 | EA | 1-1/4", Type 316, Schedule 40 Stainless Steel Cap | 102.72 | 36.22 |
| | | *For Work In Restricted Working Space, Add* | *24.15* | |
| 40 05 23 23-0964 | EA | 1-1/2", Type 316, Schedule 40 Stainless Steel Cap | 102.57 | 40.00 |
| | | *For Work In Restricted Working Space, Add* | *26.67* | |
| 40 05 23 23-0965 | EA | 2", Type 316, Schedule 40 Stainless Steel Cap | 116.04 | 44.50 |
| | | *For Work In Restricted Working Space, Add* | *29.67* | |
| 40 05 23 23-0966 | EA | 2-1/2", Type 316, Schedule 40 Stainless Steel Cap | 145.55 | 56.96 |
| | | *For Work In Restricted Working Space, Add* | *37.97* | |
| 40 05 23 23-0967 | EA | 3", Type 316, Schedule 40 Stainless Steel Cap | 167.49 | 66.76 |
| | | *For Work In Restricted Working Space, Add* | *44.51* | |
| 40 05 23 23-0968 | EA | 4", Type 316, Schedule 40 Stainless Steel Cap | 205.15 | 79.90 |
| | | *For Work In Restricted Working Space, Add* | *53.27* | |
| 40 05 23 23-0969 | EA | 6", Type 316, Schedule 40 Stainless Steel Cap | 281.81 | 99.97 |
| | | *For Work In Restricted Working Space, Add* | *66.65* | |
| 40 05 23 23-0970 | EA | 8", Type 316, Schedule 40 Stainless Steel Cap | 451.24 | 154.01 |
| | | *For Work In Restricted Working Space, Add* | *102.68* | |
| 40 05 23 23-0971 | EA | 10", Type 316, Schedule 40 Stainless Steel Cap | 605.04 | 205.35 |
| | | *For Work In Restricted Working Space, Add* | *136.90* | |
| 40 05 23 23-0972 | EA | 12", Type 316, Schedule 40 Stainless Steel Cap | 902.46 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-0973 | EA | 14", Type 316, Schedule 40 Stainless Steel Cap | 1,029.77 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-0974 | EA | 16", Type 316, Schedule 40 Stainless Steel Cap | 1,157.98 | 409.93 |
| | | *For Work In Restricted Working Space, Add* | *273.29* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-0975 | EA | 18", Type 316, Schedule 40 Stainless Steel Cap | 1,477.14 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-0976 | EA | 20", Type 316, Schedule 40 Stainless Steel Cap | 2,031.34 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-0977 | EA | 24", Type 316, Schedule 40 Stainless Steel Cap | 3,130.68 | 1,026.77 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-0978 | | **Valves** *(40 05 23 23-0231)* | | |
| 40 05 23 23-0979 | | **Gate Valves, Class 150** *(40 05 23 23-0978)* | | |
| 40 05 23 23-0980 | EA | 1/2" Gate Valve, Stainless Steel, Flanged | 521.91 | 55.75 |
| | | *For Work In Restricted Working Space, Add* | *20.91* | |
| | | *For Class 200, Deduct* | *-120.97* | |
| | | *For Class 300, Add* | *425.09* | |
| 40 05 23 23-0981 | EA | 3/4" Gate Valve, Stainless Steel, Flanged | 568.10 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *24.40* | |
| | | *For Class 200, Deduct* | *-130.21* | |
| | | *For Class 300, Add* | *457.57* | |
| 40 05 23 23-0982 | EA | 1" Gate Valve, Stainless Steel, Flanged | 701.86 | 87.12 |
| | | *For Work In Restricted Working Space, Add* | *32.88* | |
| | | *For Class 200, Deduct* | *-158.43* | |
| | | *For Class 300, Add* | *556.73* | |
| 40 05 23 23-0983 | EA | 1-1/4" Gate Valve, Stainless Steel, Flanged | 882.74 | 101.64 |
| | | *For Work In Restricted Working Space, Add* | *37.88* | |
| | | *For Class 200, Deduct* | *-202.36* | |
| | | *For Class 300, Add* | *711.09* | |
| 40 05 23 23-0984 | EA | 1-1/2" Gate Valve, Stainless Steel, Flanged | 998.51 | 127.94 |
| | | *For Work In Restricted Working Space, Add* | *47.98* | |
| | | *For Class 200, Deduct* | *-224.32* | |
| | | *For Class 300, Add* | *788.27* | |
| 40 05 23 23-0985 | EA | 2" Gate Valve, Stainless Steel, Flanged | 1,185.99 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| | | *For Class 200, Deduct* | *-265.46* | |
| | | *For Class 300, Add* | *932.85* | |
| 40 05 23 23-0986 | EA | 2-1/2" Gate Valve, Stainless Steel, Flanged | 1,691.77 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| | | *For Class 300, Add* | *1,391.74* | |
| 40 05 23 23-0987 | EA | 3" Gate Valve, Stainless Steel, Flanged | 1,907.13 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| | | *For Class 300, Add* | *1,560.38* | |
| 40 05 23 23-0988 | EA | 4" Gate Valve, Stainless Steel, Flanged | 2,538.38 | 331.06 |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| | | *For Class 300, Add* | *1,996.10* | |
| 40 05 23 23-0989 | EA | 6" Gate Valve, Stainless Steel, Flanged | 4,215.77 | 418.18 |
| | | *For Work In Restricted Working Space, Add* | *157.38* | |
| | | *For Class 300, Add* | *3,469.70* | |
| 40 05 23 23-0990 | EA | 8" Gate Valve, Stainless Steel, Flanged | 9,110.63 | 534.34 |
| | | *For Work In Restricted Working Space, Add* | *199.13* | |
| | | *For Class 300, Add* | *7,940.04* | |
| 40 05 23 23-0991 | EA | 10" Gate Valve, Stainless Steel, Flanged | 12,817.80 | 650.51 |
| | | *For Work In Restricted Working Space, Add* | *243.94* | |
| | | *For Class 300, Add* | *11,284.39* | |
| 40 05 23 23-0992 | EA | 12" Gate Valve, Stainless Steel, Flanged | 19,255.27 | 789.89 |
| | | *For Work In Restricted Working Space, Add* | *295.69* | |
| | | *For Class 300, Add* | *17,173.47* | |
| 40 05 23 23-0993 | | **Globe Valves, Class 150** *(40 05 23 23-0978)* | | |
| 40 05 23 23-0994 | EA | 1/2" Globe Valve, Stainless Steel, Flanged | 708.51 | 55.75 |
| | | *For Work In Restricted Working Space, Add* | *20.91* | |
| | | *For Class 200, Deduct* | *-170.88* | |
| | | *For Class 300, Add* | *600.49* | |
| 40 05 23 23-0995 | EA | 3/4" Globe Valve, Stainless Steel, Flanged | 784.95 | 58.08 |
| | | *For Work In Restricted Working Space, Add* | *24.40* | |
| | | *For Class 200, Deduct* | *-188.22* | |
| | | *For Class 300, Add* | *661.41* | |
| 40 05 23 23-0996 | EA | 1" Globe Valve, Stainless Steel, Flanged | 979.86 | 87.12 |
| | | *For Work In Restricted Working Space, Add* | *32.88* | |
| | | *For Class 200, Deduct* | *-232.80* | |
| | | *For Class 300, Add* | *818.05* | |
| 40 05 23 23-0997 | EA | 1-1/2" Globe Valve, Stainless Steel, Flanged | 1,456.09 | 127.94 |
| | | *For Work In Restricted Working Space, Add* | *47.98* | |
| | | *For Class 200, Deduct* | *-346.72* | |
| | | *For Class 300, Add* | *1,218.39* | |
| 40 05 23 23-0998 | EA | 2" Globe Valve, Stainless Steel, Flanged | 1,776.77 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| | | *For Class 200, Deduct* | *-423.50* | |
| | | *For Class 300, Add* | *1,488.18* | |
| 40 05 23 23-0999 | EA | 2-1/2" Globe Valve, Stainless Steel, Flanged | 3,544.20 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| | | *For Class 300, Add* | *3,133.02* | |
| 40 05 23 23-1000 | EA | 3" Globe Valve, Stainless Steel, Flanged | 3,672.73 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| | | *For Class 300, Add* | *3,220.05* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-1001 | EA | 4" Globe Valve, Stainless Steel, Flanged | 4,395.94 | 331.06 |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| | | *For Class 300, Add* | *3,742.21* | |
| 40 05 23 23-1002 | EA | 6" Globe Valve, Stainless Steel, Flanged | 8,070.12 | 418.18 |
| | | *For Work In Restricted Working Space, Add* | *157.38* | |
| | | *For Class 300, Add* | *7,092.79* | |
| 40 05 23 23-1003 | | Check Valves, Class 150 *(40 05 23 23-0978)* | | |
| 40 05 23 23-1004 | EA | 2-1/2" Check Valve, Stainless Steel, Flanged | 1,620.72 | 168.44 |
| | | *For Work In Restricted Working Space, Add* | *63.36* | |
| | | *For Class 300, Add* | *1,324.95* | |
| 40 05 23 23-1005 | EA | 3" Check Valve, Stainless Steel, Flanged | 1,700.62 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| | | *For Class 300, Add* | *1,366.26* | |
| 40 05 23 23-1006 | EA | 4" Check Valve, Stainless Steel, Flanged | 2,676.90 | 331.06 |
| | | *For Work In Restricted Working Space, Add* | *124.46* | |
| | | *For Class 300, Add* | *2,126.31* | |
| 40 05 23 23-1007 | EA | 6" Check Valve, Stainless Steel, Flanged | 4,567.38 | 418.18 |
| | | *For Work In Restricted Working Space, Add* | *157.38* | |
| | | *For Class 300, Add* | *3,800.21* | |
| 40 05 23 23-1008 | EA | 8" Check Valve, Stainless Steel, Flanged | 7,979.29 | 534.34 |
| | | *For Work In Restricted Working Space, Add* | *199.13* | |
| | | *For Class 300, Add* | *6,876.58* | |
| 40 05 23 23-1009 | | Stainless Steel Thread-O-Let Fittings *(40 05 23 23-0231)* | | |
| 40 05 23 23-1010 | EA | 1/2", Stainless Steel Thread-o-let Fitting | 86.95 | 33.72 |
| | | *For Work In Restricted Working Space, Add* | *22.49* | |
| 40 05 23 23-1011 | EA | 3/4", Stainless Steel Thread-o-let Fitting | 114.93 | 44.96 |
| | | *For Work In Restricted Working Space, Add* | *29.98* | |
| 40 05 23 23-1012 | EA | 1", Stainless Steel Thread-o-let Fitting | 141.76 | 55.75 |
| | | *For Work In Restricted Working Space, Add* | *37.17* | |
| 40 05 23 23-1013 | EA | 1-1/4", Stainless Steel Thread-o-let Fitting | 203.06 | 78.90 |
| | | *For Work In Restricted Working Space, Add* | *52.60* | |
| 40 05 23 23-1014 | EA | 1-1/2", Stainless Steel Thread-o-let Fitting | 225.44 | 88.98 |
| | | *For Work In Restricted Working Space, Add* | *59.32* | |
| 40 05 23 23-1015 | EA | 2", Stainless Steel Thread-o-let Fitting | 282.72 | 113.03 |
| | | *For Work In Restricted Working Space, Add* | *75.35* | |
| 40 05 23 23-1016 | EA | 2-1/2", Stainless Steel Thread-o-let Fitting | 493.08 | 174.24 |
| | | *For Work In Restricted Working Space, Add* | *116.16* | |
| 40 05 23 23-1017 | EA | 3", Stainless Steel Thread-o-let Fitting | 655.72 | 222.44 |
| | | *For Work In Restricted Working Space, Add* | *148.29* | |
| 40 05 23 23-1018 | EA | 4", Stainless Steel Thread-o-let Fitting | 858.28 | 278.78 |
| | | *For Work In Restricted Working Space, Add* | *185.86* | |
| 40 05 23 23-1019 | | Stainless Steel Flanges *(40 05 23 23-0231)* | | |
| 40 05 23 23-1020 | | 150#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)* | | |
| 40 05 23 23-1021 | EA | 1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 71.86 | 18.74 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-1022 | EA | 3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 88.17 | 24.99 |
| | | *For Work In Restricted Working Space, Add* | *14.99* | |
| 40 05 23 23-1023 | EA | 1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 104.76 | 30.98 |
| | | *For Work In Restricted Working Space, Add* | *18.59* | |
| 40 05 23 23-1024 | EA | 1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 141.93 | 43.84 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 40 05 23 23-1025 | EA | 1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 153.13 | 49.43 |
| | | *For Work In Restricted Working Space, Add* | *29.66* | |
| 40 05 23 23-1026 | EA | 2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 196.69 | 62.78 |
| | | *For Work In Restricted Working Space, Add* | *37.68* | |
| 40 05 23 23-1027 | EA | 2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 292.95 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-1028 | EA | 3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 351.09 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 40 05 23 23-1029 | EA | 4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange | 451.93 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |
| 40 05 23 23-1030 | | 300#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)* | | |
| 40 05 23 23-1031 | EA | 1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 91.74 | 18.74 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-1032 | EA | 3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 104.23 | 24.99 |
| | | *For Work In Restricted Working Space, Add* | *14.99* | |
| 40 05 23 23-1033 | EA | 1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 116.22 | 30.98 |
| | | *For Work In Restricted Working Space, Add* | *18.59* | |
| 40 05 23 23-1034 | EA | 1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 170.99 | 43.84 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 40 05 23 23-1035 | EA | 1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 182.19 | 49.43 |
| | | *For Work In Restricted Working Space, Add* | *29.66* | |
| 40 05 23 23-1036 | EA | 2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 226.48 | 62.78 |
| | | *For Work In Restricted Working Space, Add* | *37.68* | |
| 40 05 23 23-1037 | EA | 2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 359.46 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-1038 | EA | 3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 419.10 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 40 05 23 23-1039 | EA | 4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange | 556.64 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

## 40 05 23 23-1040 150#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-1041 | EA | 1/2", 150#, Type 304 Stainless Steel Weld Neck Flange | 97.70 | 28.49 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 40 05 23 23-1042 | EA | 3/4", 150#, Type 304 Stainless Steel Weld Neck Flange | 105.42 | 30.23 |
| | | *For Work In Restricted Working Space, Add* | *20.16* | |
| 40 05 23 23-1043 | EA | 1", 150#, Type 304 Stainless Steel Weld Neck Flange | 118.18 | 33.24 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 40 05 23 23-1044 | EA | 1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange | 144.02 | 36.25 |
| | | *For Work In Restricted Working Space, Add* | *24.17* | |
| 40 05 23 23-1045 | EA | 1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange | 152.25 | 39.96 |
| | | *For Work In Restricted Working Space, Add* | *26.64* | |
| 40 05 23 23-1046 | EA | 2", 150#, Type 304 Stainless Steel Weld Neck Flange | 169.24 | 44.51 |
| | | *For Work In Restricted Working Space, Add* | *29.67* | |
| 40 05 23 23-1047 | EA | 2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange | 232.75 | 56.92 |
| | | *For Work In Restricted Working Space, Add* | *37.95* | |
| 40 05 23 23-1048 | EA | 3", 150#, Type 304 Stainless Steel Weld Neck Flange | 264.27 | 66.64 |
| | | *For Work In Restricted Working Space, Add* | *44.43* | |
| 40 05 23 23-1049 | EA | 4", 150#, Type 304 Stainless Steel Weld Neck Flange | 339.47 | 79.85 |
| | | *For Work In Restricted Working Space, Add* | *53.23* | |
| 40 05 23 23-1050 | EA | 6", 150#, Type 304 Stainless Steel Weld Neck Flange | 501.42 | 99.76 |
| | | *For Work In Restricted Working Space, Add* | *66.51* | |
| 40 05 23 23-1051 | EA | 8", 150#, Type 304 Stainless Steel Weld Neck Flange | 816.09 | 154.01 |
| | | *For Work In Restricted Working Space, Add* | *102.68* | |
| 40 05 23 23-1052 | EA | 10", 150#, Type 304 Stainless Steel Weld Neck Flange | 1,155.62 | 205.34 |
| | | *For Work In Restricted Working Space, Add* | *136.90* | |
| 40 05 23 23-1053 | EA | 12", 150#, Type 304 Stainless Steel Weld Neck Flange | 1,775.84 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-1054 | EA | 14", 150#, Type 304 Stainless Steel Weld Neck Flange | 2,216.76 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-1055 | EA | 16", 150#, Type 304 Stainless Steel Weld Neck Flange | 2,761.57 | 409.93 |
| | | *For Work In Restricted Working Space, Add* | *273.29* | |
| 40 05 23 23-1056 | EA | 18", 150#, Type 304 Stainless Steel Weld Neck Flange | 3,388.96 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-1057 | EA | 20", 150#, Type 304 Stainless Steel Weld Neck Flange | 4,398.01 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-1058 | EA | 24", 150#, Type 304 Stainless Steel Weld Neck Flange | 6,250.70 | 1,026.77 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |

## 40 05 23 23-1059 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-1060 | EA | 1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 121.40 | 28.49 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 40 05 23 23-1061 | EA | 3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 125.30 | 30.23 |
| | | *For Work In Restricted Working Space, Add* | *20.16* | |
| 40 05 23 23-1062 | EA | 1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 131.96 | 33.24 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 40 05 23 23-1063 | EA | 1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 170.73 | 36.25 |
| | | *For Work In Restricted Working Space, Add* | *24.17* | |
| 40 05 23 23-1064 | EA | 1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 178.96 | 39.96 |
| | | *For Work In Restricted Working Space, Add* | *26.64* | |
| 40 05 23 23-1065 | EA | 2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 192.16 | 44.51 |
| | | *For Work In Restricted Working Space, Add* | *29.67* | |
| 40 05 23 23-1066 | EA | 2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 272.47 | 56.92 |
| | | *For Work In Restricted Working Space, Add* | *37.95* | |
| 40 05 23 23-1067 | EA | 3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 308.58 | 66.64 |
| | | *For Work In Restricted Working Space, Add* | *44.43* | |
| 40 05 23 23-1068 | EA | 4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 443.38 | 79.85 |
| | | *For Work In Restricted Working Space, Add* | *53.23* | |
| 40 05 23 23-1069 | EA | 6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 619.10 | 99.76 |
| | | *For Work In Restricted Working Space, Add* | *66.51* | |
| 40 05 23 23-1070 | EA | 8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 1,109.55 | 154.01 |
| | | *For Work In Restricted Working Space, Add* | *102.68* | |
| 40 05 23 23-1071 | EA | 10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 1,543.10 | 205.34 |
| | | *For Work In Restricted Working Space, Add* | *136.90* | |
| 40 05 23 23-1072 | EA | 12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 2,268.04 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-1073 | EA | 14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 2,994.83 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-1074 | EA | 16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 3,692.04 | 409.93 |
| | | *For Work In Restricted Working Space, Add* | *273.29* | |
| 40 05 23 23-1075 | EA | 18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 4,713.93 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-1076 | EA | 20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 6,093.25 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-1077 | EA | 24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange | 8,868.90 | 1,026.77 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |

## 40 05 23 23-1078 150#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-1079 | EA | 1/2", 150#, Type 304 Stainless Steel Slip-On Flange | 157.19 | 56.97 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-1080 | EA | 3/4", 150#, Type 304 Stainless Steel Slip-On Flange | 165.75 | 60.48 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-1081 | EA | 1", 150#, Type 304 Stainless Steel Slip-On Flange | 182.11 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.32* | |
| 40 05 23 23-1082 | EA | 1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange | 207.75 | 72.50 |
| | | *For Work In Restricted Working Space, Add* | *48.34* | |
| 40 05 23 23-1083 | EA | 1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange | 224.22 | 79.91 |
| | | *For Work In Restricted Working Space, Add* | *53.28* | |
| 40 05 23 23-1084 | EA | 2", 150#, Type 304 Stainless Steel Slip-On Flange | 258.24 | 89.02 |
| | | *For Work In Restricted Working Space, Add* | *59.35* | |
| 40 05 23 23-1085 | EA | 2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange | 337.83 | 113.84 |
| | | *For Work In Restricted Working Space, Add* | *75.90* | |
| 40 05 23 23-1086 | EA | 3", 150#, Type 304 Stainless Steel Slip-On Flange | 387.16 | 133.27 |
| | | *For Work In Restricted Working Space, Add* | *88.85* | |
| 40 05 23 23-1087 | EA | 4", 150#, Type 304 Stainless Steel Slip-On Flange | 478.71 | 159.70 |
| | | *For Work In Restricted Working Space, Add* | *106.47* | |
| 40 05 23 23-1088 | EA | 6", 150#, Type 304 Stainless Steel Slip-On Flange | 632.18 | 199.52 |
| | | *For Work In Restricted Working Space, Add* | *133.02* | |
| 40 05 23 23-1089 | EA | 8", 150#, Type 304 Stainless Steel Slip-On Flange | 1,041.43 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-1090 | EA | 10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange | 1,466.75 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-1091 | EA | 12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange | 2,187.53 | 616.05 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |

### 40 05 23 23-1092 300#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-1093 | EA | 1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange | 172.47 | 56.97 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-1094 | EA | 3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 180.26 | 60.48 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-1095 | EA | 1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 193.57 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.32* | |
| 40 05 23 23-1096 | EA | 1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 231.45 | 72.50 |
| | | *For Work In Restricted Working Space, Add* | *48.34* | |
| 40 05 23 23-1097 | EA | 1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 247.92 | 79.91 |
| | | *For Work In Restricted Working Space, Add* | *53.28* | |
| 40 05 23 23-1098 | EA | 2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 274.25 | 89.02 |
| | | *For Work In Restricted Working Space, Add* | *59.35* | |
| 40 05 23 23-1099 | EA | 2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 397.46 | 113.84 |
| | | *For Work In Restricted Working Space, Add* | *75.90* | |
| 40 05 23 23-1100 | EA | 3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 446.75 | 133.27 |
| | | *For Work In Restricted Working Space, Add* | *88.85* | |
| 40 05 23 23-1101 | EA | 4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 561.23 | 159.70 |
| | | *For Work In Restricted Working Space, Add* | *106.47* | |
| 40 05 23 23-1102 | EA | 6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 865.28 | 199.52 |
| | | *For Work In Restricted Working Space, Add* | *133.02* | |
| 40 05 23 23-1103 | EA | 8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 1,276.80 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-1104 | EA | 10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 1,845.82 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-1105 | EA | 12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange | 2,675.13 | 616.05 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |

### 40 05 23 23-1106 150#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-1107 | EA | 1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 57.95 | 11.39 |
| | | *For Work In Restricted Working Space, Add* | *7.60* | |
| 40 05 23 23-1108 | EA | 3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 60.50 | 12.09 |
| | | *For Work In Restricted Working Space, Add* | *8.06* | |
| 40 05 23 23-1109 | EA | 1", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 65.47 | 13.28 |
| | | *For Work In Restricted Working Space, Add* | *8.86* | |
| 40 05 23 23-1110 | EA | 1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 84.10 | 14.80 |
| | | *For Work In Restricted Working Space, Add* | *9.86* | |
| 40 05 23 23-1111 | EA | 1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 95.65 | 20.00 |
| | | *For Work In Restricted Working Space, Add* | *13.33* | |
| 40 05 23 23-1112 | EA | 2", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 112.77 | 22.20 |
| | | *For Work In Restricted Working Space, Add* | *14.80* | |
| 40 05 23 23-1113 | EA | 2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 153.59 | 28.54 |
| | | *For Work In Restricted Working Space, Add* | *19.03* | |
| 40 05 23 23-1114 | EA | 3", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 188.22 | 39.99 |
| | | *For Work In Restricted Working Space, Add* | *26.66* | |
| 40 05 23 23-1115 | EA | 4", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 287.18 | 66.63 |
| | | *For Work In Restricted Working Space, Add* | *44.42* | |
| 40 05 23 23-1116 | EA | 6", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 393.69 | 85.68 |
| | | *For Work In Restricted Working Space, Add* | *57.12* | |
| 40 05 23 23-1117 | EA | 8", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 585.16 | 95.83 |
| | | *For Work In Restricted Working Space, Add* | *63.89* | |
| 40 05 23 23-1118 | EA | 10", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 902.10 | 114.99 |
| | | *For Work In Restricted Working Space, Add* | *76.67* | |
| 40 05 23 23-1119 | EA | 12", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 1,194.49 | 143.75 |
| | | *For Work In Restricted Working Space, Add* | *95.83* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-1120 | EA | 14", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 1,518.70 | 179.68 |
| | | *For Work In Restricted Working Space, Add* | *119.79* | |
| 40 05 23 23-1121 | EA | 16", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 1,961.43 | 204.96 |
| | | *For Work In Restricted Working Space, Add* | *136.64* | |
| 40 05 23 23-1122 | EA | 18", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 2,317.98 | 256.69 |
| | | *For Work In Restricted Working Space, Add* | *171.13* | |
| 40 05 23 23-1123 | EA | 20", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 3,077.65 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-1124 | EA | 24", 150#, Type 304 Stainless Steel Raised Face Blind Flange | 4,482.94 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |

### 40 05 23 23-1125 300#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-1126 | EA | 1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 73.50 | 11.39 |
| | | *For Work In Restricted Working Space, Add* | *7.60* | |
| 40 05 23 23-1127 | EA | 3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 75.05 | 12.09 |
| | | *For Work In Restricted Working Space, Add* | *8.06* | |
| 40 05 23 23-1128 | EA | 1", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 77.71 | 13.28 |
| | | *For Work In Restricted Working Space, Add* | *8.86* | |
| 40 05 23 23-1129 | EA | 1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 98.61 | 14.80 |
| | | *For Work In Restricted Working Space, Add* | *9.86* | |
| 40 05 23 23-1130 | EA | 1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 110.16 | 20.00 |
| | | *For Work In Restricted Working Space, Add* | *13.33* | |
| 40 05 23 23-1131 | EA | 2", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 120.42 | 22.20 |
| | | *For Work In Restricted Working Space, Add* | *14.80* | |
| 40 05 23 23-1132 | EA | 2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 207.09 | 28.54 |
| | | *For Work In Restricted Working Space, Add* | *19.03* | |
| 40 05 23 23-1133 | EA | 3", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 238.28 | 39.99 |
| | | *For Work In Restricted Working Space, Add* | *26.66* | |
| 40 05 23 23-1134 | EA | 4", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 349.82 | 66.63 |
| | | *For Work In Restricted Working Space, Add* | *44.42* | |
| 40 05 23 23-1135 | EA | 6", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 651.98 | 85.68 |
| | | *For Work In Restricted Working Space, Add* | *57.12* | |
| 40 05 23 23-1136 | EA | 8", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 893.90 | 95.83 |
| | | *For Work In Restricted Working Space, Add* | *63.89* | |
| 40 05 23 23-1137 | EA | 10", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 1,278.09 | 114.99 |
| | | *For Work In Restricted Working Space, Add* | *76.67* | |
| 40 05 23 23-1138 | EA | 12", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 1,771.49 | 143.75 |
| | | *For Work In Restricted Working Space, Add* | *95.83* | |
| 40 05 23 23-1139 | EA | 14", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 2,481.07 | 179.68 |
| | | *For Work In Restricted Working Space, Add* | *119.79* | |
| 40 05 23 23-1140 | EA | 16", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 3,176.47 | 204.96 |
| | | *For Work In Restricted Working Space, Add* | *136.64* | |
| 40 05 23 23-1141 | EA | 18", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 4,146.58 | 256.69 |
| | | *For Work In Restricted Working Space, Add* | *171.13* | |
| 40 05 23 23-1142 | EA | 20", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 5,247.19 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-1143 | EA | 24", 300#, Type 304 Stainless Steel Raised Face Blind Flange | 8,051.29 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |

### 40 05 23 23-1144 150#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-1145 | EA | 1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 85.64 | 18.74 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-1146 | EA | 3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 105.77 | 24.99 |
| | | *For Work In Restricted Working Space, Add* | *14.99* | |
| 40 05 23 23-1147 | EA | 1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 121.55 | 30.98 |
| | | *For Work In Restricted Working Space, Add* | *18.59* | |
| 40 05 23 23-1148 | EA | 1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 167.13 | 43.84 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 40 05 23 23-1149 | EA | 1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 178.33 | 49.43 |
| | | *For Work In Restricted Working Space, Add* | *29.66* | |
| 40 05 23 23-1150 | EA | 2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 224.21 | 62.78 |
| | | *For Work In Restricted Working Space, Add* | *37.68* | |
| 40 05 23 23-1151 | EA | 2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 332.71 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-1152 | EA | 3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 402.31 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 40 05 23 23-1153 | EA | 4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange | 523.76 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |

### 40 05 23 23-1154 300#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-1155 | EA | 1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 111.62 | 18.74 |
| | | *For Work In Restricted Working Space, Add* | *11.24* | |
| 40 05 23 23-1156 | EA | 3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 124.11 | 24.99 |
| | | *For Work In Restricted Working Space, Add* | *14.99* | |
| 40 05 23 23-1157 | EA | 1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 136.10 | 30.98 |
| | | *For Work In Restricted Working Space, Add* | *18.59* | |
| 40 05 23 23-1158 | EA | 1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 209.20 | 43.84 |
| | | *For Work In Restricted Working Space, Add* | *26.30* | |
| 40 05 23 23-1159 | EA | 1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 220.40 | 49.43 |
| | | *For Work In Restricted Working Space, Add* | *29.66* | |
| 40 05 23 23-1160 | EA | 2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 260.10 | 62.78 |
| | | *For Work In Restricted Working Space, Add* | *37.68* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-1161 | EA | 2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 435.11 | 96.76 |
| | | *For Work In Restricted Working Space, Add* | *58.08* | |
| 40 05 23 23-1162 | EA | 3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 496.30 | 197.48 |
| | | *For Work In Restricted Working Space, Add* | *74.15* | |
| 40 05 23 23-1163 | EA | 4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange | 679.65 | 154.85 |
| | | *For Work In Restricted Working Space, Add* | *92.93* | |
| 40 05 23 23-1164 | | 150#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)* | | |
| 40 05 23 23-1165 | EA | 1/2", 150#, Type 316 Stainless Steel Weld Neck Flange | 115.26 | 28.49 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 40 05 23 23-1166 | EA | 3/4", 150#, Type 316 Stainless Steel Weld Neck Flange | 123.02 | 30.23 |
| | | *For Work In Restricted Working Space, Add* | *20.16* | |
| 40 05 23 23-1167 | EA | 1", 150#, Type 316 Stainless Steel Weld Neck Flange | 138.06 | 33.24 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 40 05 23 23-1168 | EA | 1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange | 170.00 | 36.25 |
| | | *For Work In Restricted Working Space, Add* | *24.17* | |
| 40 05 23 23-1169 | EA | 1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange | 178.23 | 39.96 |
| | | *For Work In Restricted Working Space, Add* | *26.64* | |
| 40 05 23 23-1170 | EA | 2", 150#, Type 316 Stainless Steel Weld Neck Flange | 195.98 | 44.51 |
| | | *For Work In Restricted Working Space, Add* | *29.67* | |
| 40 05 23 23-1171 | EA | 2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange | 277.79 | 56.92 |
| | | *For Work In Restricted Working Space, Add* | *37.95* | |
| 40 05 23 23-1172 | EA | 3", 150#, Type 316 Stainless Steel Weld Neck Flange | 304.76 | 66.64 |
| | | *For Work In Restricted Working Space, Add* | *44.43* | |
| 40 05 23 23-1173 | EA | 4", 150#, Type 316 Stainless Steel Weld Neck Flange | 408.26 | 79.85 |
| | | *For Work In Restricted Working Space, Add* | *53.23* | |
| 40 05 23 23-1174 | EA | 6", 150#, Type 316 Stainless Steel Weld Neck Flange | 620.65 | 99.76 |
| | | *For Work In Restricted Working Space, Add* | *66.51* | |
| 40 05 23 23-1175 | EA | 8", 150#, Type 316 Stainless Steel Weld Neck Flange | 1,000.28 | 154.01 |
| | | *For Work In Restricted Working Space, Add* | *102.68* | |
| 40 05 23 23-1176 | EA | 10", 150#, Type 316 Stainless Steel Weld Neck Flange | 1,462.86 | 205.34 |
| | | *For Work In Restricted Working Space, Add* | *136.90* | |
| 40 05 23 23-1177 | EA | 12", 150#, Type 316 Stainless Steel Weld Neck Flange | 2,181.69 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-1178 | EA | 14", 150#, Type 316 Stainless Steel Weld Neck Flange | 2,552.90 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-1179 | EA | 16", 150#, Type 316 Stainless Steel Weld Neck Flange | 3,200.19 | 409.93 |
| | | *For Work In Restricted Working Space, Add* | *273.29* | |
| 40 05 23 23-1180 | EA | 18", 150#, Type 316 Stainless Steel Weld Neck Flange | 3,921.80 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-1181 | EA | 20", 150#, Type 316 Stainless Steel Weld Neck Flange | 5,061.84 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-1182 | EA | 24", 150#, Type 316 Stainless Steel Weld Neck Flange | 7,191.42 | 1,026.77 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |
| 40 05 23 23-1183 | | 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)* | | |
| 40 05 23 23-1184 | EA | 1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 144.33 | 28.49 |
| | | *For Work In Restricted Working Space, Add* | *18.99* | |
| 40 05 23 23-1185 | EA | 3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 148.23 | 30.23 |
| | | *For Work In Restricted Working Space, Add* | *20.16* | |
| 40 05 23 23-1186 | EA | 1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 154.89 | 33.24 |
| | | *For Work In Restricted Working Space, Add* | *22.16* | |
| 40 05 23 23-1187 | EA | 1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 202.11 | 36.25 |
| | | *For Work In Restricted Working Space, Add* | *24.17* | |
| 40 05 23 23-1188 | EA | 1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 210.34 | 39.96 |
| | | *For Work In Restricted Working Space, Add* | *26.64* | |
| 40 05 23 23-1189 | EA | 2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 230.37 | 44.51 |
| | | *For Work In Restricted Working Space, Add* | *29.67* | |
| 40 05 23 23-1190 | EA | 2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 338.20 | 56.92 |
| | | *For Work In Restricted Working Space, Add* | *37.95* | |
| 40 05 23 23-1191 | EA | 3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 370.49 | 66.64 |
| | | *For Work In Restricted Working Space, Add* | *44.43* | |
| 40 05 23 23-1192 | EA | 4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 558.02 | 79.85 |
| | | *For Work In Restricted Working Space, Add* | *53.23* | |
| 40 05 23 23-1193 | EA | 6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 902.64 | 99.76 |
| | | *For Work In Restricted Working Space, Add* | *66.51* | |
| 40 05 23 23-1194 | EA | 8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 1,399.22 | 154.01 |
| | | *For Work In Restricted Working Space, Add* | *102.68* | |
| 40 05 23 23-1195 | EA | 10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 2,012.34 | 205.34 |
| | | *For Work In Restricted Working Space, Add* | *136.90* | |
| 40 05 23 23-1196 | EA | 12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 2,957.36 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-1197 | EA | 14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 3,997.42 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-1198 | EA | 16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 4,961.62 | 409.93 |
| | | *For Work In Restricted Working Space, Add* | *273.29* | |
| 40 05 23 23-1199 | EA | 18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 6,345.05 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |
| 40 05 23 23-1200 | EA | 20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 8,145.71 | 718.74 |
| | | *For Work In Restricted Working Space, Add* | *479.16* | |
| 40 05 23 23-1201 | EA | 24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange | 11,875.99 | 1,026.77 |
| | | *For Work In Restricted Working Space, Add* | *684.51* | |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| **40 05 23 23-1202** | | **150#, Type 316 Stainless Steel Raised Face Slip-On Flanges** *(40 05 23 23-1019)* | | |
| 40 05 23 23-1203 | EA | 1/2", 150#, Type 316 Stainless Steel Slip-On Flange | 166.38 | 56.97 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-1204 | EA | 3/4", 150#, Type 316 Stainless Steel Slip-On Flange | 179.53 | 60.48 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-1205 | EA | 1", 150#, Type 316 Stainless Steel Slip-On Flange | 197.90 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.32* | |
| 40 05 23 23-1206 | EA | 1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange | 265.33 | 72.50 |
| | | *For Work In Restricted Working Space, Add* | *48.34* | |
| 40 05 23 23-1207 | EA | 1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange | 242.55 | 79.91 |
| | | *For Work In Restricted Working Space, Add* | *53.28* | |
| 40 05 23 23-1208 | EA | 2", 150#, Type 316 Stainless Steel Slip-On Flange | 262.79 | 89.02 |
| | | *For Work In Restricted Working Space, Add* | *59.35* | |
| 40 05 23 23-1209 | EA | 2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange | 334.78 | 113.84 |
| | | *For Work In Restricted Working Space, Add* | *75.90* | |
| 40 05 23 23-1210 | EA | 3", 150#, Type 316 Stainless Steel Slip-On Flange | 413.13 | 133.27 |
| | | *For Work In Restricted Working Space, Add* | *88.85* | |
| 40 05 23 23-1211 | EA | 4", 150#, Type 316 Stainless Steel Slip-On Flange | 533.71 | 159.70 |
| | | *For Work In Restricted Working Space, Add* | *106.47* | |
| 40 05 23 23-1212 | EA | 6", 150#, Type 316 Stainless Steel Slip-On Flange | 713.93 | 199.52 |
| | | *For Work In Restricted Working Space, Add* | *133.02* | |
| 40 05 23 23-1213 | EA | 8", 150#, Type 316 Stainless Steel Slip-On Flange | 1,210.30 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-1214 | EA | 10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange | 1,697.57 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-1215 | EA | 12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange | 2,496.27 | 616.05 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| **40 05 23 23-1216** | | **300#, Type 316 Stainless Steel Raised Face Slip-On Flanges** *(40 05 23 23-1019)* | | |
| 40 05 23 23-1217 | EA | 1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange | 187.76 | 56.97 |
| | | *For Work In Restricted Working Space, Add* | *37.99* | |
| 40 05 23 23-1218 | EA | 3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 195.55 | 60.48 |
| | | *For Work In Restricted Working Space, Add* | *40.32* | |
| 40 05 23 23-1219 | EA | 1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 208.86 | 66.47 |
| | | *For Work In Restricted Working Space, Add* | *44.32* | |
| 40 05 23 23-1220 | EA | 1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 261.24 | 72.50 |
| | | *For Work In Restricted Working Space, Add* | *48.34* | |
| 40 05 23 23-1221 | EA | 1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 277.71 | 79.91 |
| | | *For Work In Restricted Working Space, Add* | *53.28* | |
| 40 05 23 23-1222 | EA | 2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 302.43 | 89.02 |
| | | *For Work In Restricted Working Space, Add* | *59.35* | |
| 40 05 23 23-1223 | EA | 2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 463.93 | 113.84 |
| | | *For Work In Restricted Working Space, Add* | *75.90* | |
| 40 05 23 23-1224 | EA | 3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 514.76 | 133.27 |
| | | *For Work In Restricted Working Space, Add* | *88.85* | |
| 40 05 23 23-1225 | EA | 4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 666.68 | 159.70 |
| | | *For Work In Restricted Working Space, Add* | *106.47* | |
| 40 05 23 23-1226 | EA | 6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 1,018.89 | 199.52 |
| | | *For Work In Restricted Working Space, Add* | *133.02* | |
| 40 05 23 23-1227 | EA | 8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 1,435.02 | 308.03 |
| | | *For Work In Restricted Working Space, Add* | *205.36* | |
| 40 05 23 23-1228 | EA | 10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 2,360.91 | 410.71 |
| | | *For Work In Restricted Working Space, Add* | *273.80* | |
| 40 05 23 23-1229 | EA | 12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange | 3,129.08 | 616.05 |
| | | *For Work In Restricted Working Space, Add* | *410.71* | |
| **40 05 23 23-1230** | | **150#, Type 316 Stainless Steel Blind Flanges** *(40 05 23 23-1019)* | | |
| 40 05 23 23-1231 | EA | 1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 65.09 | 11.39 |
| | | *For Work In Restricted Working Space, Add* | *7.60* | |
| 40 05 23 23-1232 | EA | 3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 73.51 | 12.09 |
| | | *For Work In Restricted Working Space, Add* | *8.06* | |
| 40 05 23 23-1233 | EA | 1", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 83.04 | 13.28 |
| | | *For Work In Restricted Working Space, Add* | *8.86* | |
| 40 05 23 23-1234 | EA | 1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 97.84 | 14.80 |
| | | *For Work In Restricted Working Space, Add* | *9.86* | |
| 40 05 23 23-1235 | EA | 1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 109.39 | 20.00 |
| | | *For Work In Restricted Working Space, Add* | *13.33* | |
| 40 05 23 23-1236 | EA | 2", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 135.70 | 22.20 |
| | | *For Work In Restricted Working Space, Add* | *14.80* | |
| 40 05 23 23-1237 | EA | 2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 189.53 | 28.54 |
| | | *For Work In Restricted Working Space, Add* | *19.03* | |
| 40 05 23 23-1238 | EA | 3", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 227.98 | 39.99 |
| | | *For Work In Restricted Working Space, Add* | *26.66* | |
| 40 05 23 23-1239 | EA | 4", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 354.41 | 66.63 |
| | | *For Work In Restricted Working Space, Add* | *44.42* | |
| 40 05 23 23-1240 | EA | 6", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 501.45 | 85.68 |
| | | *For Work In Restricted Working Space, Add* | *57.12* | |
| 40 05 23 23-1241 | EA | 8", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 842.68 | 95.83 |
| | | *For Work In Restricted Working Space, Add* | *63.89* | |
| 40 05 23 23-1242 | EA | 10", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 1,105.40 | 114.99 |
| | | *For Work In Restricted Working Space, Add* | *76.67* | |
| 40 05 23 23-1243 | EA | 12", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 1,780.68 | 143.75 |
| | | *For Work In Restricted Working Space, Add* | *95.83* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-1244 | EA | 14", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 2,118.85 | 179.68 |
| | | *For Work In Restricted Working Space, Add* | *119.79* | |
| 40 05 23 23-1245 | EA | 16", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 2,768.83 | 204.96 |
| | | *For Work In Restricted Working Space, Add* | *136.64* | |
| 40 05 23 23-1246 | EA | 18", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 3,254.91 | 256.69 |
| | | *For Work In Restricted Working Space, Add* | *171.13* | |
| 40 05 23 23-1247 | EA | 20", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 4,299.54 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-1248 | EA | 24", 150#, Type 316 Stainless Steel Raised Face Blind Flange | 6,274.76 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |

## 40 05 23 23-1249 300#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

| | | | | |
|---|---|---|---|---|
| 40 05 23 23-1250 | EA | 1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 99.48 | 11.39 |
| | | *For Work In Restricted Working Space, Add* | *7.60* | |
| 40 05 23 23-1251 | EA | 3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 101.03 | 12.09 |
| | | *For Work In Restricted Working Space, Add* | *8.06* | |
| 40 05 23 23-1252 | EA | 1", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 103.69 | 13.28 |
| | | *For Work In Restricted Working Space, Add* | *8.86* | |
| 40 05 23 23-1253 | EA | 1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 154.42 | 14.80 |
| | | *For Work In Restricted Working Space, Add* | *9.86* | |
| 40 05 23 23-1254 | EA | 1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 165.97 | 20.00 |
| | | *For Work In Restricted Working Space, Add* | *13.33* | |
| 40 05 23 23-1255 | EA | 2", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 183.83 | 22.20 |
| | | *For Work In Restricted Working Space, Add* | *14.80* | |
| 40 05 23 23-1256 | EA | 2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 304.94 | 28.54 |
| | | *For Work In Restricted Working Space, Add* | *19.03* | |
| 40 05 23 23-1257 | EA | 3", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 338.02 | 39.99 |
| | | *For Work In Restricted Working Space, Add* | *26.66* | |
| 40 05 23 23-1258 | EA | 4", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 517.95 | 66.63 |
| | | *For Work In Restricted Working Space, Add* | *44.42* | |
| 40 05 23 23-1259 | EA | 6", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 938.61 | 85.68 |
| | | *For Work In Restricted Working Space, Add* | *57.12* | |
| 40 05 23 23-1260 | EA | 8", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 1,190.45 | 95.83 |
| | | *For Work In Restricted Working Space, Add* | *63.89* | |
| 40 05 23 23-1261 | EA | 10", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 2,140.17 | 114.99 |
| | | *For Work In Restricted Working Space, Add* | *76.67* | |
| 40 05 23 23-1262 | EA | 12", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 2,609.88 | 143.75 |
| | | *For Work In Restricted Working Space, Add* | *95.83* | |
| 40 05 23 23-1263 | EA | 14", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 3,768.78 | 179.68 |
| | | *For Work In Restricted Working Space, Add* | *119.79* | |
| 40 05 23 23-1264 | EA | 16", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 4,859.57 | 204.96 |
| | | *For Work In Restricted Working Space, Add* | *136.64* | |
| 40 05 23 23-1265 | EA | 18", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 6,358.67 | 256.69 |
| | | *For Work In Restricted Working Space, Add* | *171.13* | |
| 40 05 23 23-1266 | EA | 20", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 7,998.93 | 359.37 |
| | | *For Work In Restricted Working Space, Add* | *239.58* | |
| 40 05 23 23-1267 | EA | 24", 300#, Type 316 Stainless Steel Raised Face Blind Flange | 12,325.85 | 513.38 |
| | | *For Work In Restricted Working Space, Add* | *342.26* | |

## 40 05 23 23-1268 Type 316 Seamless Annealed Tubing *(40 05 23 23)*

Note: For high pressure air (8000 PSIG working pressure).

## 40 05 23 23-1269 Type 316 Seamless Annealed Tubing *(40 05 23 23-1268)*

| | | | |
|---|---|---|---|
| 40 05 23 23-1270 | LF | 3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness | 22.43 |
| 40 05 23 23-1271 | LF | 1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness | 28.04 |
| 40 05 23 23-1272 | LF | 3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness | 33.91 |

## 40 05 23 23-1273 Type 316 Seamless Annealed Tubing Fittings *(40 05 23 23-1268)*

Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.

| | | | |
|---|---|---|---|
| 40 05 23 23-1274 | EA | 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules | 73.05 |
| 40 05 23 23-1275 | EA | 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules | 82.13 |
| 40 05 23 23-1276 | EA | 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules | 126.28 |
| 40 05 23 23-1277 | EA | 3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules | 56.42 |
| 40 05 23 23-1278 | EA | 3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules | 93.24 |
| 40 05 23 23-1279 | EA | 1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules | 72.48 |
| 40 05 23 23-1280 | EA | 1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules | 86.67 |
| 40 05 23 23-1281 | EA | 1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules | 133.20 |
| 40 05 23 23-1282 | EA | 1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules | 84.15 |
| 40 05 23 23-1283 | EA | 1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules | 131.06 |
| 40 05 23 23-1284 | EA | 3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules | 84.70 |
| 40 05 23 23-1285 | EA | 3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules | 108.18 |
| 40 05 23 23-1286 | EA | 3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules | 177.41 |
| 40 05 23 23-1287 | EA | 3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules | 145.43 |
| 40 05 23 23-1288 | EA | 3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules | 180.13 |

## 40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) *(40 05 23 23-1268)*

## 40 05 23 23-1290 Needle Valves *(40 05 23 23-1289)*

| | | | |
|---|---|---|---|
| 40 05 23 23-1291 | EA | 3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge | 311.51 |
| 40 05 23 23-1292 | EA | 1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge | 490.54 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 40 05 23 23-1293 | | Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG *(40 05 23 23-1289)* | | |
| 40 05 23 23-1294 | EA | 1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction | 297.76 | |
| 40 05 23 23-1295 | | Other Valves Working Pressure 6,000 PSI *(40 05 23 23-1289)* | | |
| 40 05 23 23-1296 | EA | 1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG | 1,210.45 | |
| 40 05 23 23-1297 | EA | 1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back | 309.41 | |
| 40 05 23 23-1298 | EA | Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element | 63.30 | |

**END OF SECTION 40**


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| CSI | MINOR UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 41 Material Processing and Handling Equipment

## 41 01 Operation and Maintenance of Material Processing and Handling Equipment *(41)*

### 41 01 20 Operation and Maintenance of Piece Material Handling Equipment *(41 01)*

**41 01 20 13 Operation And Maintenance Of Hoists Or Cranes** *(41 01 20)*

41 01 20 13-0001 Maintenance *(41 01 20 13)*

| | | | | |
|---|---|---|---|---|
| 41 01 20 13-0002 | EA | Regular Inspection | 351.17 | |
| 41 01 20 13-0003 | HR | Hoist Or Crane Servicing, Labor Only | 103.91 | |
| 41 01 20 13-0004 | MO | Hoist Or Crane Maintenance Contract | 748.25 | |

## 41 20 Piece Material Handling Equipment *(41)*

### 41 22 Cranes and Hoists *(41 20)*

**41 22 23 Hoists** *(41 22)*

**41 22 23 13 Fixed Hoists** *(41 22 23)*

41 22 23 13-0001 Air-Powered Chain Hoists *(41 22 23 13)*

Note: Excludes beam.

| | | | | |
|---|---|---|---|---|
| 41 22 23 13-0002 | EA | 500 LB Capacity, Air-Powered Chain Hoist | 6,076.10 | 329.57 |
| 41 22 23 13-0003 | EA | 1,000 LB Capacity, Air-Powered Chain Hoist | 6,147.30 | 329.57 |
| 41 22 23 13-0004 | EA | 2,000 LB Capacity, Air-Powered Chain Hoist | 7,414.39 | 329.57 |
| 41 22 23 13-0005 | EA | 4,000 LB Capacity, Air-Powered Chain Hoist | 9,366.57 | 439.42 |
| 41 22 23 13-0006 | EA | 6,000 LB Capacity, Air-Powered Chain Hoist | 11,818.99 | 549.27 |
| 41 22 23 13-0007 | EA | 8,000 LB Capacity, Air-Powered Chain Hoist | 13,915.30 | 807.21 |
| 41 22 23 13-0008 | EA | 10,000 LB Capacity, Air-Powered Chain Hoist | 16,061.41 | 974.96 |
| 41 22 23 13-0009 | EA | 12,000 LB Capacity, Air-Powered Chain Hoist | 17,937.93 | 974.96 |

41 22 23 13-0010 Electric Hoists *(41 22 23 13)*

41 22 23 13-0011 Electric Industrial Chain Hoists *(41 22 23 13-0010)*

Note: Includes 20' of chain. Excludes beams. See CSI section 05 59 65 00-0001 for additional chain.

| | | | | |
|---|---|---|---|---|
| 41 22 23 13-0012 | EA | 500 LB Capacity, Electric Industrial Chain Hoist | 4,272.40 | 318.58 |
| | | *For DC Electrical Operated, Add* | *908.33* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0013 | EA | 1,000 LB Capacity, Electric Industrial Chain Hoist | 4,470.45 | 318.58 |
| | | *For DC Electrical Operated, Add* | *957.41* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0014 | EA | 2,000 LB Capacity, Electric Industrial Chain Hoist | 4,966.41 | 318.58 |
| | | *For DC Electrical Operated, Add* | *1,078.77* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0015 | EA | 3,000 LB Capacity, Electric Industrial Chain Hoist | 7,617.81 | 329.57 |
| | | *For DC Electrical Operated, Add* | *1,734.66* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0016 | EA | 4,000 LB Capacity, Electric Industrial Chain Hoist | 6,520.98 | 329.57 |
| | | *For DC Electrical Operated, Add* | *1,458.50* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0017 | EA | 5,000 LB Capacity, Electric Industrial Chain Hoist | 9,436.68 | 340.55 |
| | | *For DC Electrical Operated, Add* | *2,178.58* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0018 | EA | 6,000 LB Capacity, Electric Industrial Chain Hoist | 8,450.67 | 373.50 |
| | | *For DC Electrical Operated, Add* | *1,901.33* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0019 | EA | 7,500 LB Capacity, Electric Industrial Chain Hoist | 10,528.31 | 461.39 |
| | | *For DC Electrical Operated, Add* | *2,415.37* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0020 | EA | 10,000 LB Capacity, Electric Industrial Chain Hoist | 12,532.10 | 469.56 |
| | | *For DC Electrical Operated, Add* | *2,929.94* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0021 | EA | 15,000 LB Capacity, Electric Industrial Chain Hoist | 20,327.45 | 489.97 |
| | | *For DC Electrical Operated, Add* | *4,836.67* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0022 | EA | 20,000 LB Capacity, Electric Industrial Chain Hoist | 24,430.38 | 510.39 |
| | | *For DC Electrical Operated, Add* | *5,851.79* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0023 | EA | 25,000 LB Capacity, Electric Industrial Chain Hoist | 33,977.95 | 530.80 |
| | | *For DC Electrical Operated, Add* | *8,227.78* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |
| 41 22 23 13-0024 | EA | 30,000 LB Capacity, Electric Industrial Chain Hoist | 43,586.65 | 581.84 |
| | | *For DC Electrical Operated, Add* | *10,604.31* | |
| | | *For Each LF Copper Conductor Bar, Add* | *10.50* | |


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|
| 41 22 23 13-0025 | | Hand Chain Hoists *(41 22 23 13)* | | |
| 41 22 23 13-0026 | EA | 1,000 LB Capacity, Hand Chain Hoist | 1,535.49 | 117.00 |
| 41 22 23 13-0027 | EA | 2,000 LB Capacity, Hand Chain Hoist | 1,817.38 | 118.61 |
| 41 22 23 13-0028 | EA | 3,000 LB Capacity, Hand Chain Hoist | 2,455.08 | 124.22 |
| 41 22 23 13-0029 | EA | 4,000 LB Capacity, Hand Chain Hoist | 2,769.32 | 125.81 |
| 41 22 23 13-0030 | EA | 5,000 LB Capacity, Hand Chain Hoist | 3,350.44 | 132.24 |
| 41 22 23 13-0031 | EA | 6,000 LB Capacity, Hand Chain Hoist | 3,749.33 | 154.67 |
| 41 22 23 13-0032 | EA | 10,000 LB Capacity, Hand Chain Hoist | 5,222.01 | 159.48 |
| 41 22 23 13-0033 | EA | 16,000 LB Capacity, Hand Chain Hoist | 6,826.14 | 192.33 |
| 41 22 23 13-0034 | EA | 20,000 LB Capacity, Hand Chain Hoist | 8,352.56 | 201.15 |
| 41 22 23 13-0035 | EA | 30,000 LB Capacity, Hand Chain Hoist | 14,774.22 | 230.01 |

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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

# 43 Process Gas and Liquid Handling, Purification, and Storage Equipment

## 43 20 Liquid Handling Equipment *(43)*

### 43 23 Dry Location Liquid Pumps *(43 20)*

**43 23 78 Controlled Volume Horizontal Reciprocating Pumps** *(43 23)*

**43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps** *(43 23 78)*

43 23 78 31-0001 Diaphragm Pump *(43 23 78 31)*

| | | | | |
|---|---|---|---|---|
| 43 23 78 31-0002 | EA | 28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI | 4,232.97 | |

### 43 24 Suspended Liquid Pumps *(43 20)*

**43 24 41 Archimedes Screw Pumps** *(43 24)*

**43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps** *(43 24 41)*

43 24 41 23-0001 Positive Displacement Pump *(43 24 41 23)*

| | | | | |
|---|---|---|---|---|
| 43 24 41 23-0002 | EA | 25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing | 3,485.61 | |

## 43 40 Gas and Liquid Storage *(43)*

### 43 42 Pressurized Tanks And Vessels *(43 40)*

**43 42 41 Metallic Specialty Pressure Tanks** *(43 42)*

43 42 41 00-0001 L.P.G. Tanks With Regulator And Safety Controls *(43 42 41)*

| | | | | |
|---|---|---|---|---|
| 43 42 41 00-0002 | EA | 250 Gallon Aboveground LP Gas Storage Tank | 1,871.93 | 116.39 |
| 43 42 41 00-0003 | EA | 500 Gallon Aboveground LP Gas Storage Tank | 3,465.04 | 174.58 |
| 43 42 41 00-0004 | EA | 1,000 Gallon Aboveground LP Gas Storage Tank | 4,965.04 | 186.22 |

**END OF SECTION 43**


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| MINOR CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---|---|---|---|---|

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